

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033123\
 Data File : VN077252.D
 Acq On : 31 Mar 2023 15:02
 Operator : JC\MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICV050

Quant Time: Apr 03 08:58:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033123W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 01 00:11:10 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 04/03/2023
 Supervised By : Mahesh Dadoda 04/03/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.225	168	641442	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.101	114	954802	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	833118	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	429458	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	330646	50.070	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.140%			
35) Dibromofluoromethane	8.166	113	296016	50.240	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.480%			
50) Toluene-d8	10.566	98	1125290	52.815	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.620%			
62) 4-Bromofluorobenzene	12.848	95	391693	55.533	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 111.060%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.137	85	156538	47.754	ug/l	99
3) Chloromethane	2.366	50	200410	56.042	ug/l	98
4) Vinyl Chloride	2.525	62	222966	48.362	ug/l	97
5) Bromomethane	2.954	94	172434	52.023	ug/l	91
6) Chloroethane	3.131	64	171842	44.577	ug/l	98
7) Trichlorofluoromethane	3.496	101	404412	38.721	ug/l	97
8) Diethyl Ether	3.966	74	204084	50.740	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.378	101	299475	48.025	ug/l	98
10) Methyl Iodide	4.601	142	364720	47.698	ug/l	99
11) Tert butyl alcohol	5.537	59	229262	213.973	ug/l	98
12) 1,1-Dichloroethene	4.349	96	278386	48.280	ug/l	99
13) Acrolein	4.184	56	246392	216.715	ug/l	100
14) Allyl chloride	5.025	41	497659	49.794	ug/l	99
15) Acrylonitrile	5.725	53	768642	218.175	ug/l	100
16) Acetone	4.437	43	730177	222.386	ug/l	99
17) Carbon Disulfide	4.719	76	695190	45.286	ug/l	99
18) Methyl Acetate	5.031	43	525426	42.550	ug/l	99
19) Methyl tert-butyl Ether	5.801	73	965260	50.025	ug/l	97
20) Methylene Chloride	5.290	84	324894	44.204	ug/l	95
21) trans-1,2-Dichloroethene	5.795	96	302714	48.011	ug/l	96
22) Diisopropyl ether	6.678	45	1051890	49.766	ug/l	99
23) Vinyl Acetate	6.607	43	3178360	250.595	ug/l	98
24) 1,1-Dichloroethane	6.572	63	591032	47.603	ug/l	98
25) 2-Butanone	7.484	43	1048294	224.602	ug/l	98
26) 2,2-Dichloropropane	7.495	77	468253	50.977	ug/l	100
27) cis-1,2-Dichloroethene	7.489	96	365755	48.505	ug/l	98
28) Bromochloromethane	7.819	49	257155	47.462	ug/l	96
29) Tetrahydrofuran	7.837	42	662024	225.596	ug/l	99
30) Chloroform	7.966	83	577555	47.223	ug/l	99
31) Cyclohexane	8.260	56	542389	46.567	ug/l	99
32) 1,1,1-Trichloroethane	8.172	97	490912	47.581	ug/l	99
36) 1,1-Dichloropropene	8.372	75	436081	50.415	ug/l	99
37) Ethyl Acetate	7.566	43	403291	46.473	ug/l	100
38) Carbon Tetrachloride	8.366	117	443289	49.979	ug/l	99
39) Methylcyclohexane	9.601	83	562774	53.050	ug/l	98
40) Benzene	8.607	78	1318387	48.547	ug/l	98

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Manual Integrations
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Reviewed By : John Carlone 04/03/2023
 Supervised By : Mahesh Dadoda 04/03/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.784	41	226834	47.820	ug/l	99
42) 1,2-Dichloroethane	8.672	62	422413	47.537	ug/l	100
43) Isopropyl Acetate	8.689	43	655939	48.184	ug/l	98
44) Trichloroethene	9.354	130	345769	49.210	ug/l	98
45) 1,2-Dichloropropane	9.625	63	349916	48.437	ug/l	100
46) Dibromomethane	9.707	93	215501	46.922	ug/l	100
47) Bromodichloromethane	9.889	83	454849	50.299	ug/l	100
48) Methyl methacrylate	9.683	41	330152	50.279	ug/l	98
49) 1,4-Dioxane	9.701	88	120655	965.885	ug/l #	85
51) 4-Methyl-2-Pentanone	10.448	43	2008001	232.953	ug/l	99
52) Toluene	10.630	92	819704	49.902	ug/l	99
53) t-1,3-Dichloropropene	10.836	75	484659	54.338	ug/l	100
54) cis-1,3-Dichloropropene	10.313	75	545381	52.633	ug/l	99
55) 1,1,2-Trichloroethane	11.019	97	321715	47.347	ug/l	98
56) Ethyl methacrylate	10.878	69	491200	52.223	ug/l	100
57) 1,3-Dichloropropane	11.166	76	554915	48.076	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.160	63	855733	263.185	ug/l	98
59) 2-Hexanone	11.195	43	1476084	235.966	ug/l	99
60) Dibromochloromethane	11.360	129	351522	49.793	ug/l	99
61) 1,2-Dibromoethane	11.472	107	321323	48.709	ug/l	99
64) Tetrachloroethene	11.107	164	302879	49.650	ug/l	97
65) Chlorobenzene	11.895	112	873579	49.665	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.960	131	334662	49.648	ug/l	98
67) Ethyl Benzene	11.966	91	1566539	52.827	ug/l	98
68) m/p-Xylenes	12.072	106	1219543	105.737	ug/l	100
69) o-Xylene	12.401	106	597895	53.758	ug/l	100
70) Styrene	12.413	104	978853	55.280	ug/l	99
71) Bromoform	12.577	173	264544	49.999	ug/l	99
73) Isopropylbenzene	12.695	105	1549316	48.379	ug/l	99
74) N-amyl acetate	12.495	43	560175	47.446	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.942	83	454444	40.803	ug/l	99
76) 1,2,3-Trichloropropane	12.995	75	473356m	49.316	ug/l	
77) Bromobenzene	12.983	156	386213	45.037	ug/l	99
78) n-propylbenzene	13.036	91	1814638	51.382	ug/l	100
79) 2-Chlorotoluene	13.124	91	1075543	47.346	ug/l	100
80) 1,3,5-Trimethylbenzene	13.177	105	1294679	50.294	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.736	75	142259	42.375	ug/l	99
82) 4-Chlorotoluene	13.224	91	1039174	48.684	ug/l	100
83) tert-Butylbenzene	13.442	119	1152020	49.119	ug/l	99
84) 1,2,4-Trimethylbenzene	13.483	105	1299781	51.703	ug/l	99
85) sec-Butylbenzene	13.618	105	1639156	51.763	ug/l	100
86) p-Isopropyltoluene	13.730	119	1405398	54.415	ug/l	100
87) 1,3-Dichlorobenzene	13.736	146	731597	48.623	ug/l	99
88) 1,4-Dichlorobenzene	13.813	146	717311	48.320	ug/l	99
89) n-Butylbenzene	14.060	91	1181299	57.106	ug/l	100
90) Hexachloroethane	14.336	117	250320	46.590	ug/l	98
91) 1,2-Dichlorobenzene	14.107	146	723312	48.944	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.724	75	84732	45.540	ug/l	100
93) 1,2,4-Trichlorobenzene	15.365	180	429235	54.899	ug/l	99
94) Hexachlorobutadiene	15.465	225	255402	51.917	ug/l	99
95) Naphthalene	15.589	128	1107374	49.036	ug/l	100
96) 1,2,3-Trichlorobenzene	15.760	180	401631	53.202	ug/l	98

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ClientSampleId :
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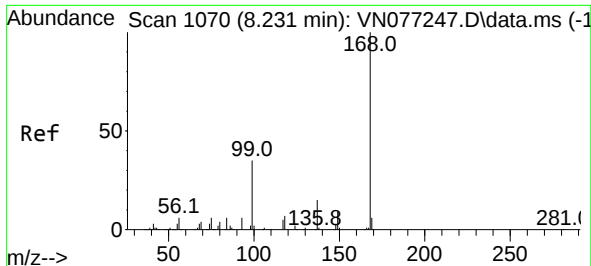
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023

Quant Time: Apr 03 08:58:41 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033123W.M
Quant Title : SW846 8260
QLast Update : Sat Apr 01 00:11:10 2023
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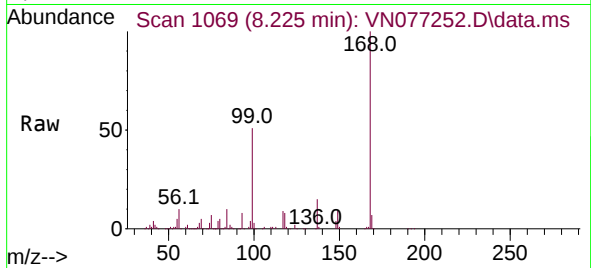
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.225 min Scan# 1069
Delta R.T. -0.005 min
Lab File: VN077252.D
Acq: 31 Mar 2023 15:02

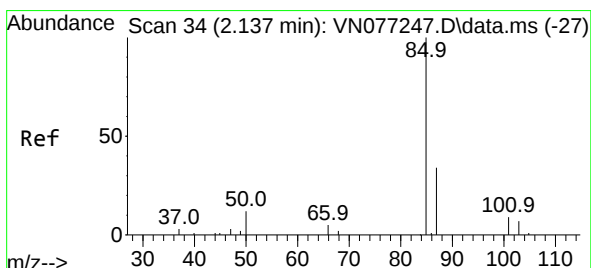
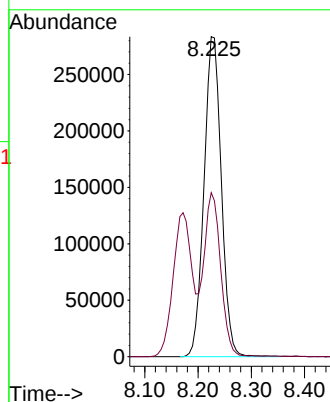
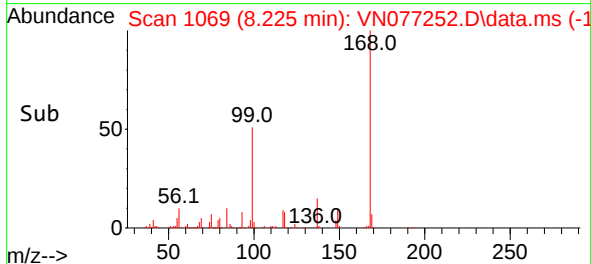
Instrument :
MSVOA_N
ClientSampleId :
VSTDICV050



Tgt Ion:168 Resp: 64144
Ion Ratio Lower Upper
168 100
99 51.2 41.8 62.8

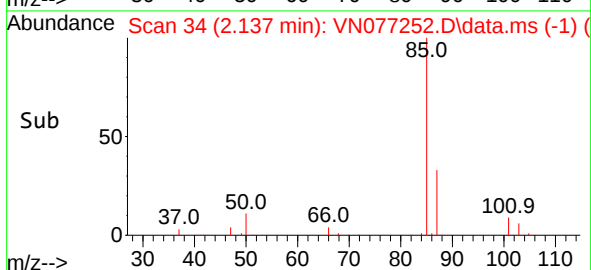
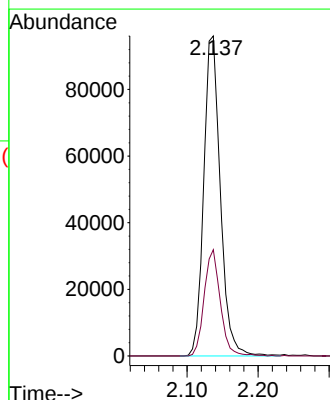
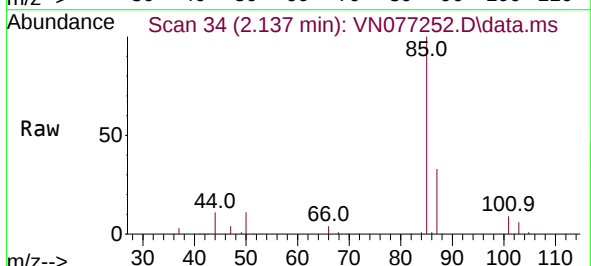
Manual Integrations
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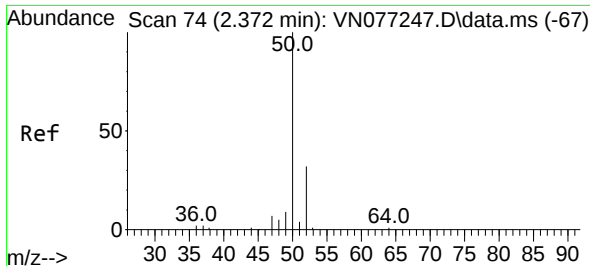
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#2
Dichlorodifluoromethane
Concen: 47.754 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN077252.D
Acq: 31 Mar 2023 15:02

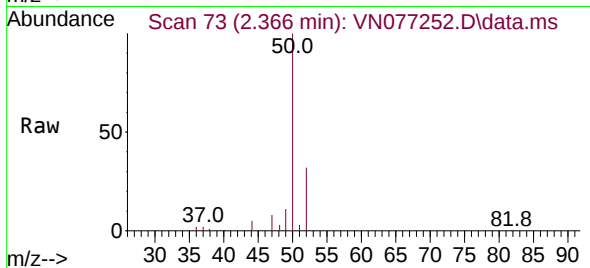
Tgt Ion: 85 Resp: 156538
Ion Ratio Lower Upper
85 100
87 33.2 16.3 48.8





#3
Chloromethane
Concen: 56.042 ug/l
RT: 2.366 min Scan# 74
Delta R.T. -0.006 min
Lab File: VN077252.D
Acq: 31 Mar 2023 15:02

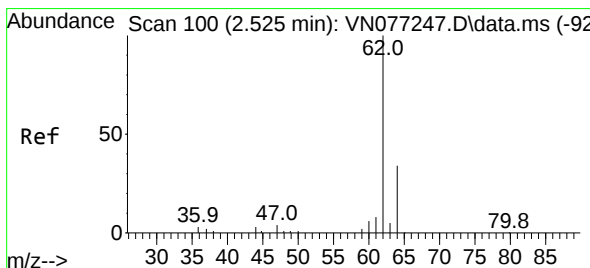
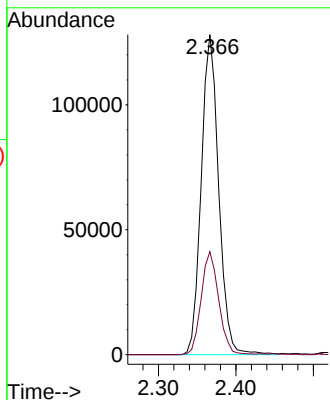
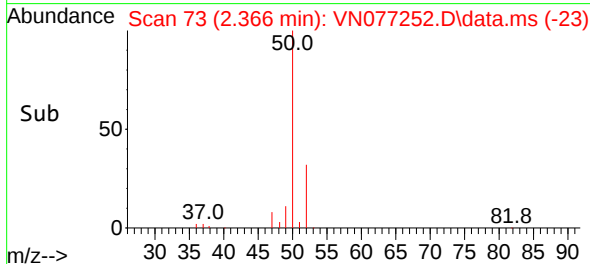
Instrument :
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ClientSampleId :
VSTDICV050



Tgt Ion: 50 Resp: 200410
Ion Ratio Lower Upper
50 100
52 32.2 26.9 40.3

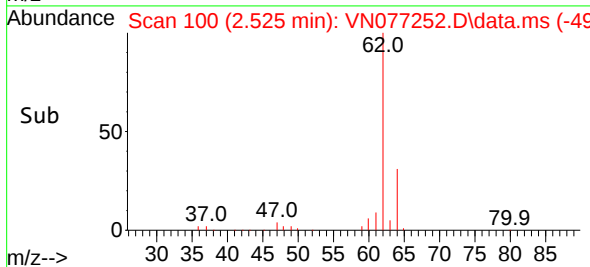
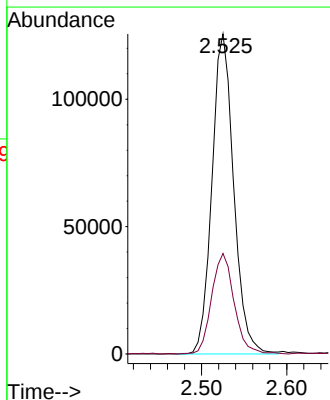
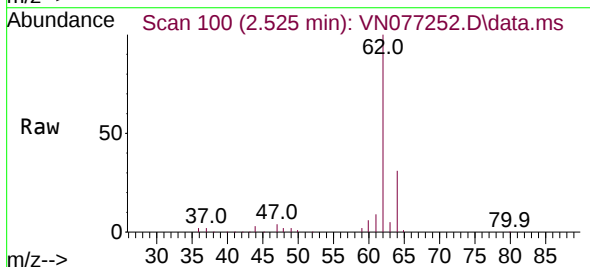
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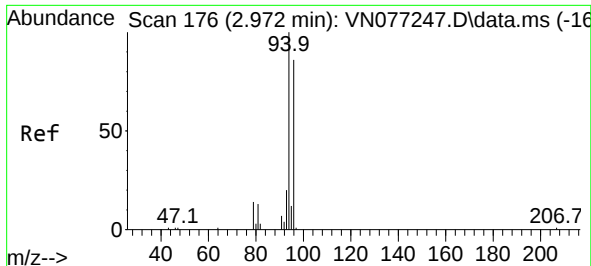
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#4
Vinyl Chloride
Concen: 48.362 ug/l
RT: 2.525 min Scan# 100
Delta R.T. 0.000 min
Lab File: VN077252.D
Acq: 31 Mar 2023 15:02

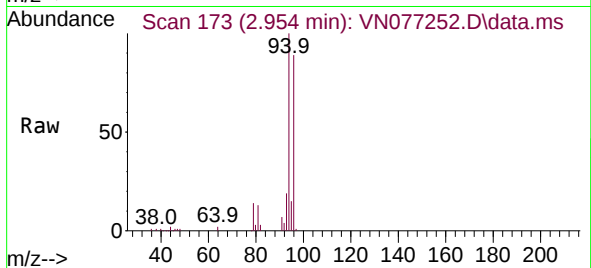
Tgt Ion: 62 Resp: 222966
Ion Ratio Lower Upper
62 100
64 31.4 23.9 35.9





#5
Bromomethane
Concen: 52.023 ug/l
RT: 2.954 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077252.D
Acq: 31 Mar 2023 15:02

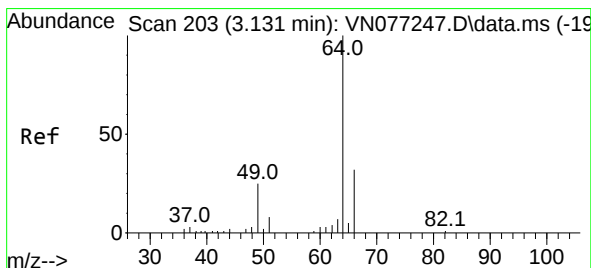
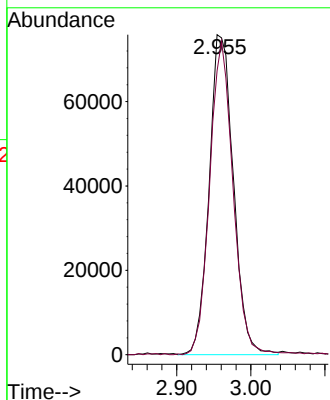
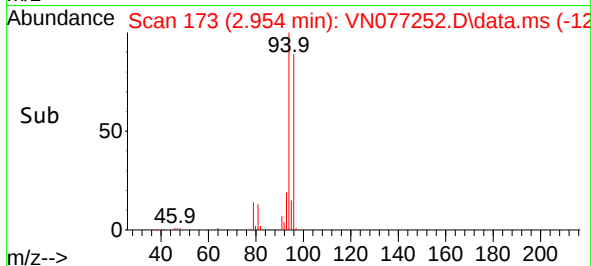
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Tgt Ion: 94 Resp: 172434
Ion Ratio Lower Upper
94 100
96 88.5 78.1 117.1

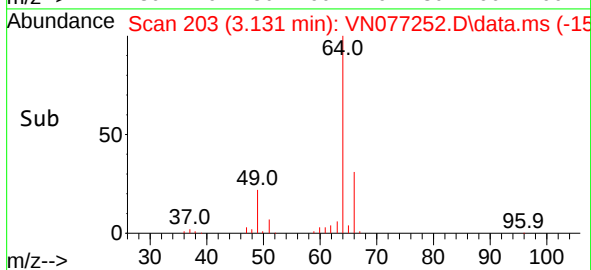
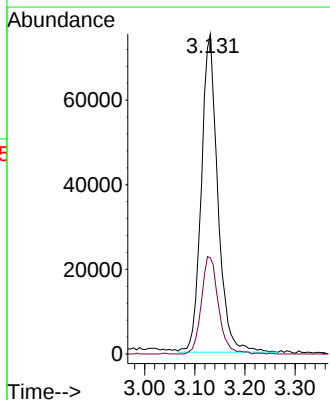
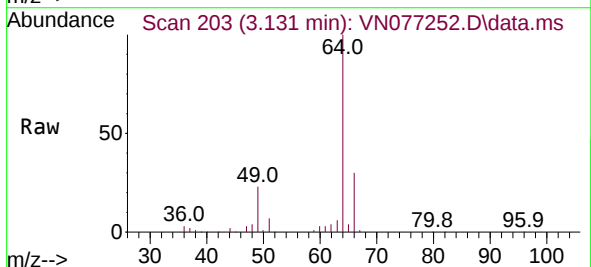
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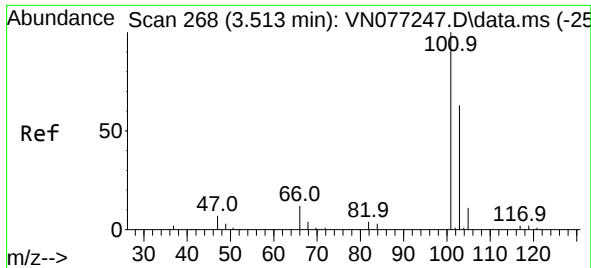
Reviewed By :John Carlone 04/03/2023
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#6
Chloroethane
Concen: 44.577 ug/l
RT: 3.131 min Scan# 203
Delta R.T. 0.006 min
Lab File: VN077252.D
Acq: 31 Mar 2023 15:02

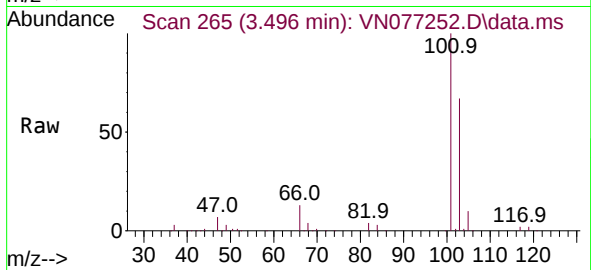
Tgt Ion: 64 Resp: 171842
Ion Ratio Lower Upper
64 100
66 30.2 25.0 37.6





#7
 Trichlorofluoromethane
 Concen: 38.721 ug/l
 RT: 3.496 min Scan# 20
 Delta R.T. -0.012 min
 Lab File: VN077252.D
 Acq: 31 Mar 2023 15:02

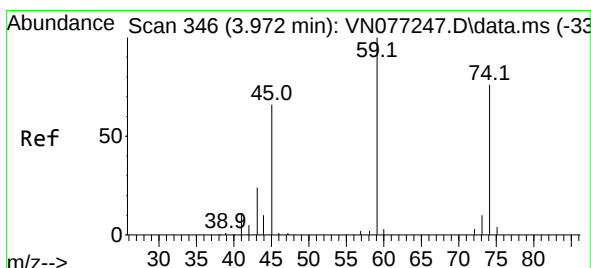
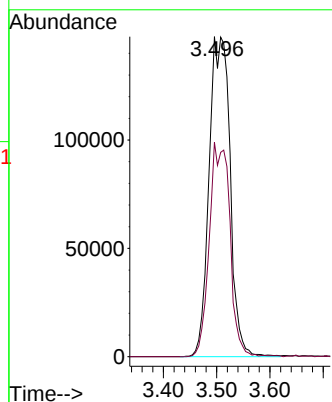
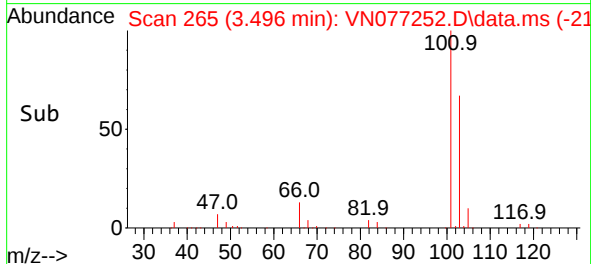
Instrument :
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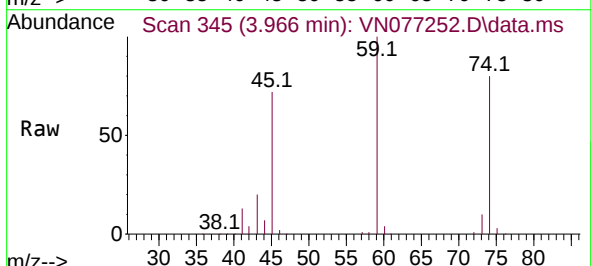
Tgt Ion:101 Resp: 40441
 Ion Ratio Lower Upper
 101 100
 103 67.0 51.4 77.2

Manual Integrations
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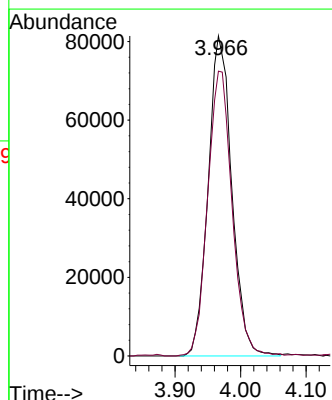
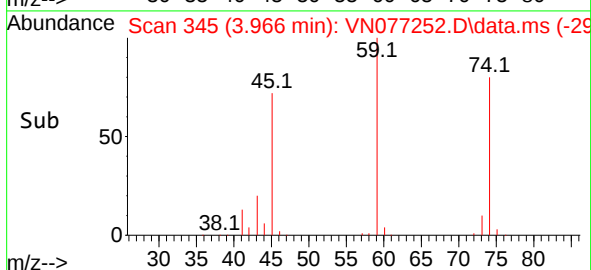
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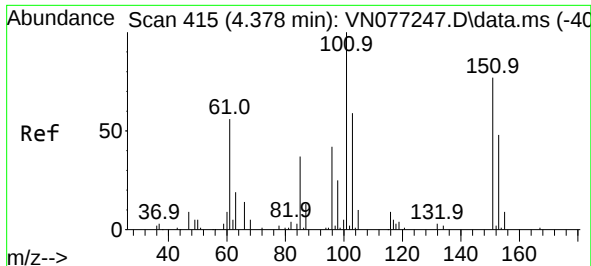


#8
 Diethyl Ether
 Concen: 50.740 ug/l
 RT: 3.966 min Scan# 345
 Delta R.T. 0.000 min
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 Acq: 31 Mar 2023 15:02



Tgt Ion: 74 Resp: 204084
 Ion Ratio Lower Upper
 74 100
 45 92.1 47.8 143.3





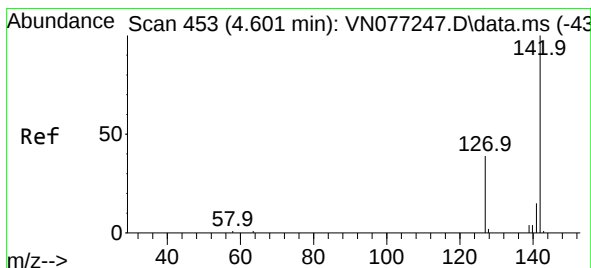
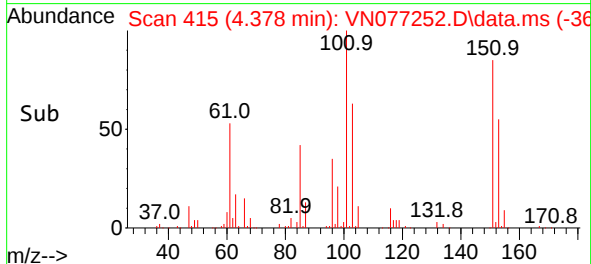
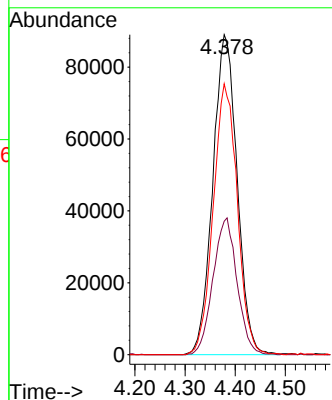
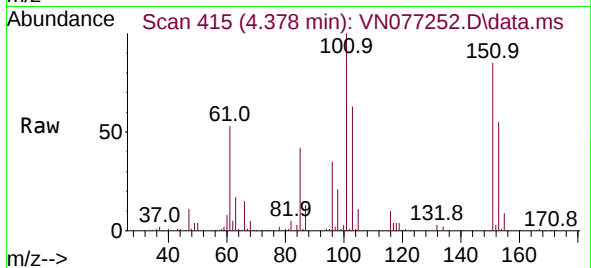
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.025 ug/l
RT: 4.378 min Scan# 415
Delta R.T. 0.000 min
Lab File: VN077252.D
Acq: 31 Mar 2023 15:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDICV050

Tgt Ion:101 Resp: 299475
Ion Ratio Lower Upper
101 100
85 42.3 33.5 50.3
151 83.9 65.3 97.9

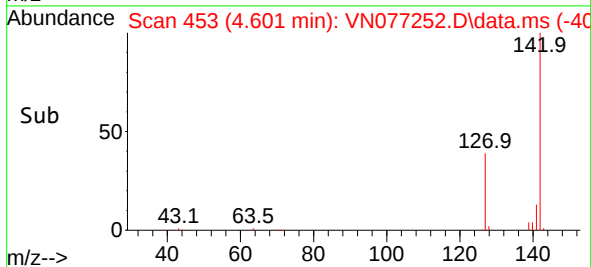
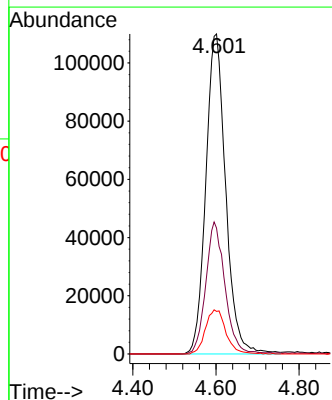
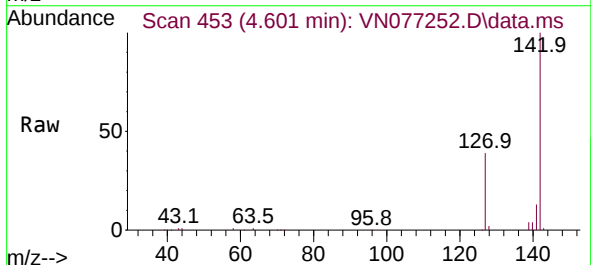
Manual Integrations
APPROVED

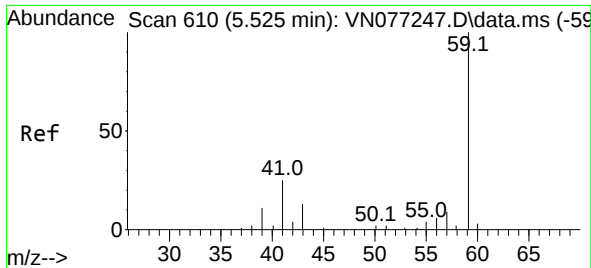
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#10
Methyl Iodide
Concen: 47.698 ug/l
RT: 4.601 min Scan# 453
Delta R.T. 0.006 min
Lab File: VN077252.D
Acq: 31 Mar 2023 15:02

Tgt Ion:142 Resp: 364720
Ion Ratio Lower Upper
142 100
127 39.3 31.8 47.8
141 13.3 11.2 16.8





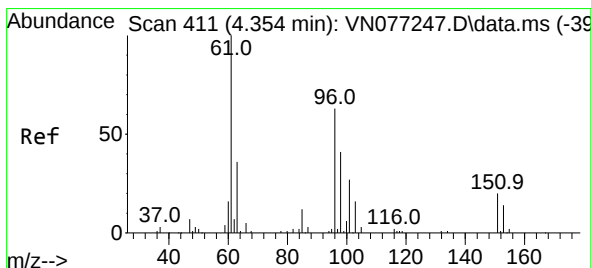
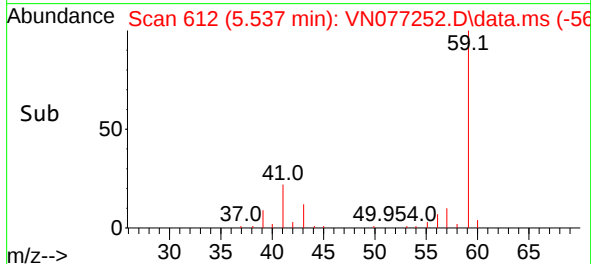
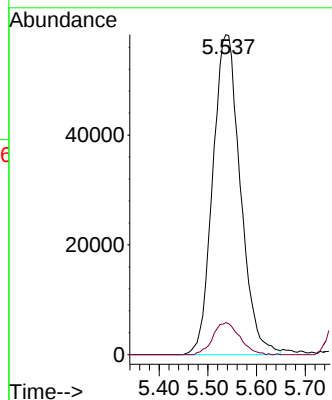
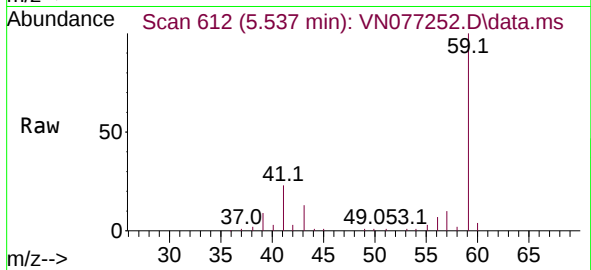
#11
Tert butyl alcohol
Concen: 213.973 ug/l
RT: 5.537 min Scan# 610
Delta R.T. 0.006 min
Lab File: VN077252.D
Acq: 31 Mar 2023 15:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDICV050

Tgt Ion: 59 Resp: 22926
Ion Ratio Lower Upper
59 100
57 9.8 8.5 12.7

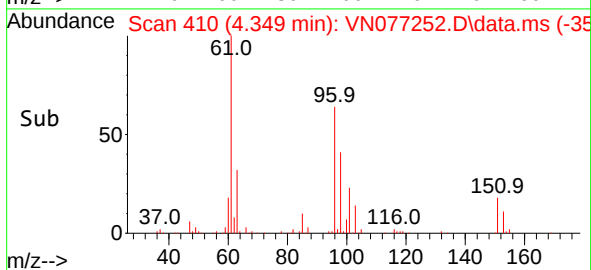
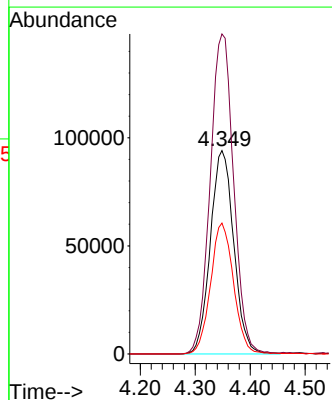
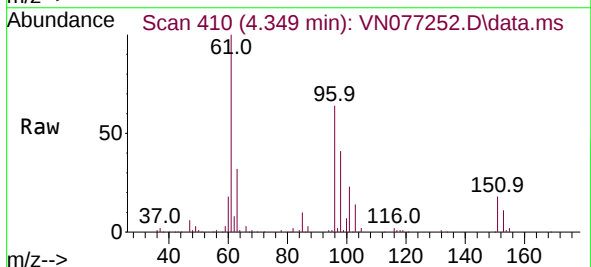
Manual Integrations
APPROVED

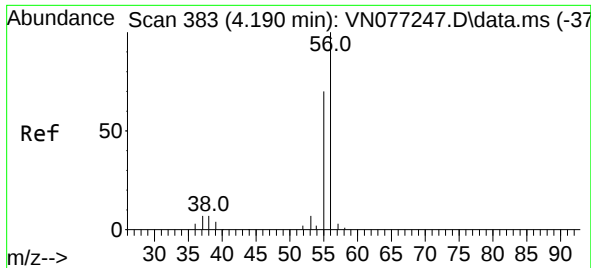
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#12
1,1-Dichloroethene
Concen: 48.280 ug/l
RT: 4.349 min Scan# 410
Delta R.T. 0.000 min
Lab File: VN077252.D
Acq: 31 Mar 2023 15:02

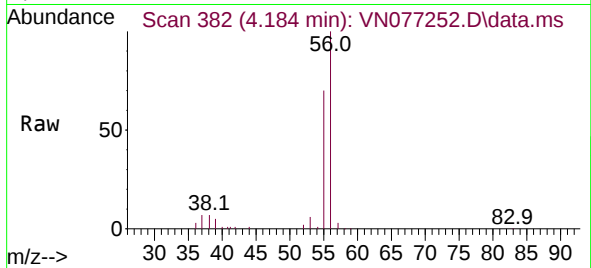
Tgt Ion: 96 Resp: 278386
Ion Ratio Lower Upper
96 100
61 157.3 126.4 189.6
98 64.4 50.8 76.2





#13
Acrolein
Concen: 216.715 ug/l
RT: 4.184 min Scan# 382
Delta R.T. 0.000 min
Lab File: VN077252.D
Acq: 31 Mar 2023 15:02

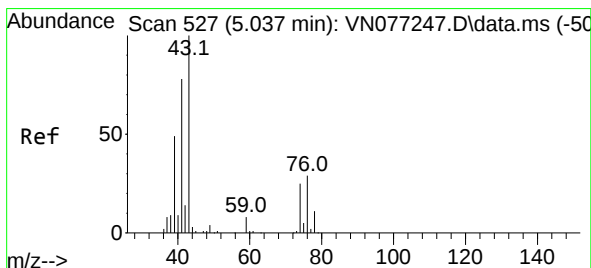
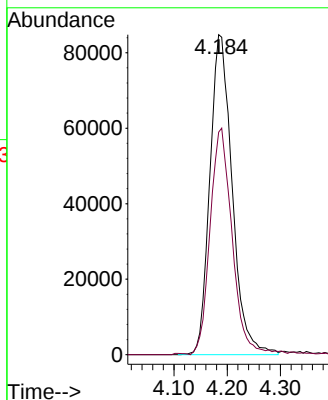
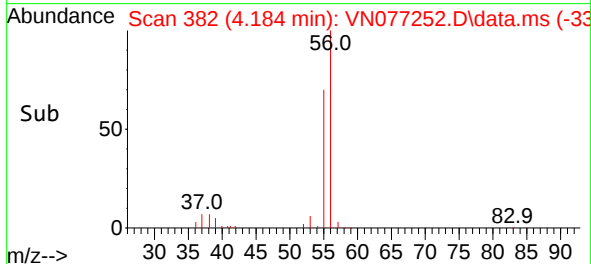
Instrument :
MSVOA_N
ClientSampleId :
VSTDICV050



Tgt Ion: 56 Resp: 246392
Ion Ratio Lower Upper
56 100
55 70.1 56.0 84.0

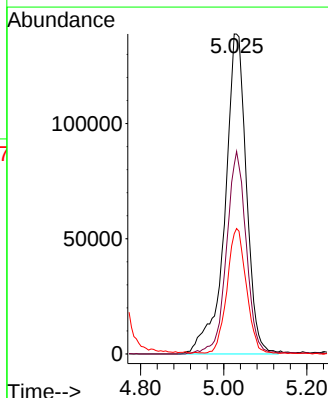
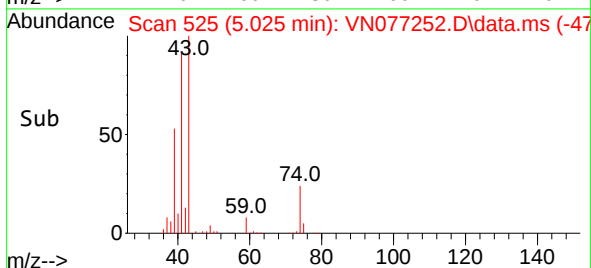
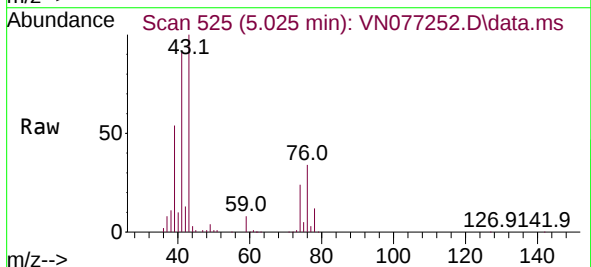
Manual Integrations
APPROVED

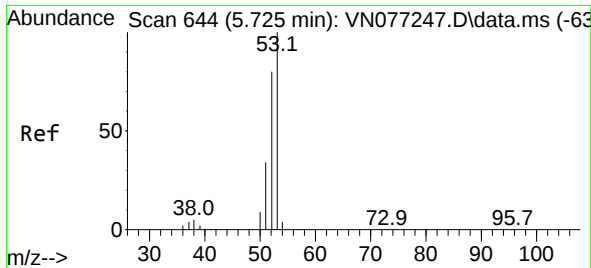
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#14
Allyl chloride
Concen: 49.794 ug/l
RT: 5.025 min Scan# 525
Delta R.T. -0.006 min
Lab File: VN077252.D
Acq: 31 Mar 2023 15:02

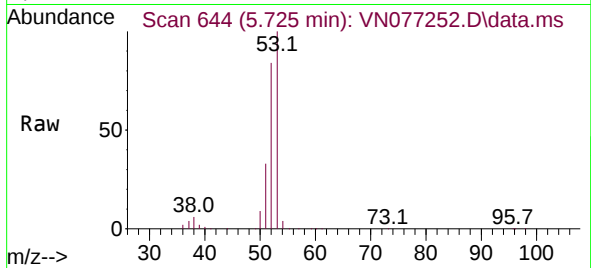
Tgt Ion: 41 Resp: 497659
Ion Ratio Lower Upper
41 100
39 58.3 46.8 70.2
76 34.9 27.3 40.9





#15
Acrylonitrile
Concen: 218.175 ug/l
RT: 5.725 min Scan# 644
Delta R.T. 0.000 min
Lab File: VN077252.D
Acq: 31 Mar 2023 15:02

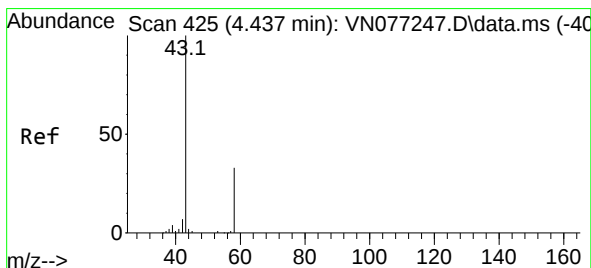
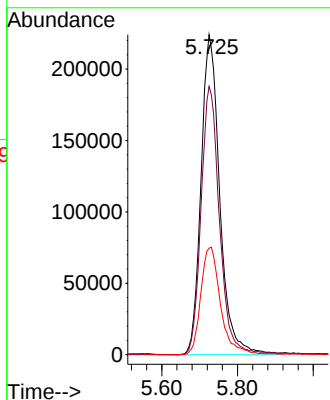
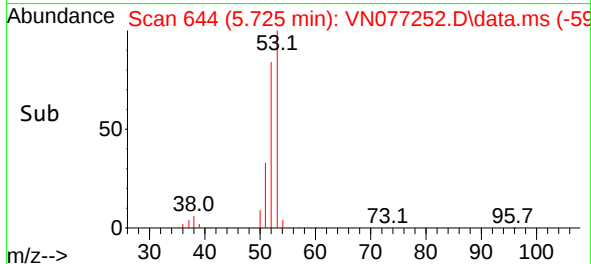
Instrument :
MSVOA_N
ClientSampleId :
VSTDICV050



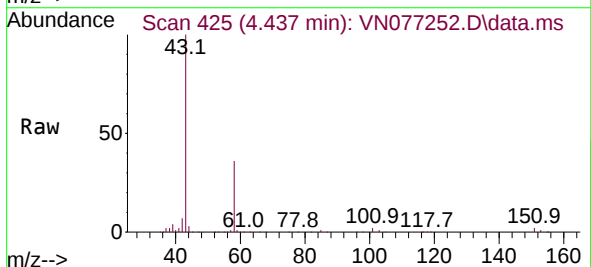
Tgt Ion: 53 Resp: 76864
Ion Ratio Lower Upper
53 100
52 82.5 65.8 98.6
51 35.4 28.2 42.2

Manual Integrations
APPROVED

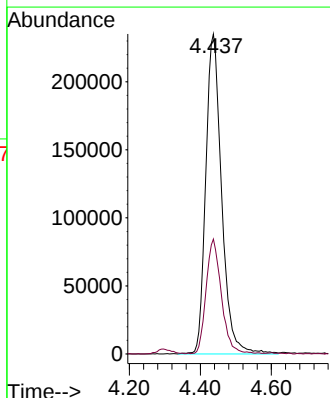
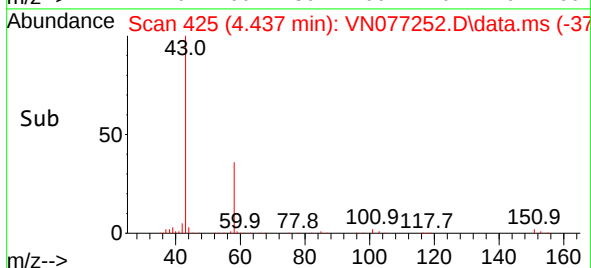
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023

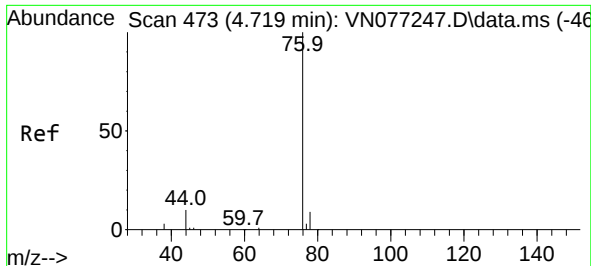


#16
Acetone
Concen: 222.386 ug/l
RT: 4.437 min Scan# 425
Delta R.T. 0.006 min
Lab File: VN077252.D
Acq: 31 Mar 2023 15:02



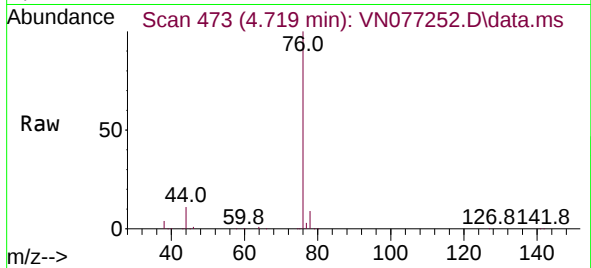
Tgt Ion: 43 Resp: 730177
Ion Ratio Lower Upper
43 100
58 35.7 28.2 42.4





#17
Carbon Disulfide
Concen: 45.286 ug/l
RT: 4.719 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN077252.D
Acq: 31 Mar 2023 15:02

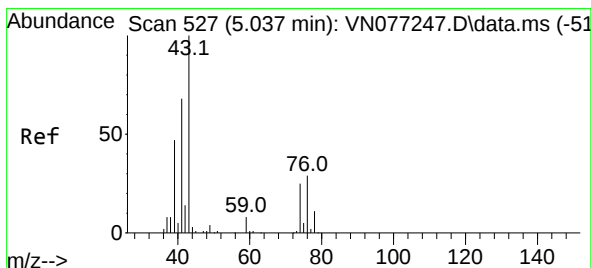
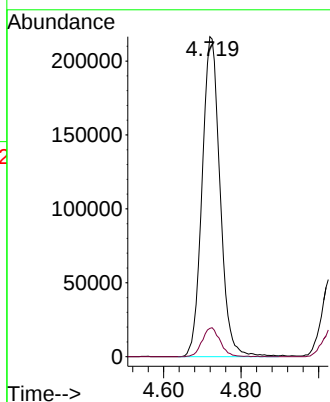
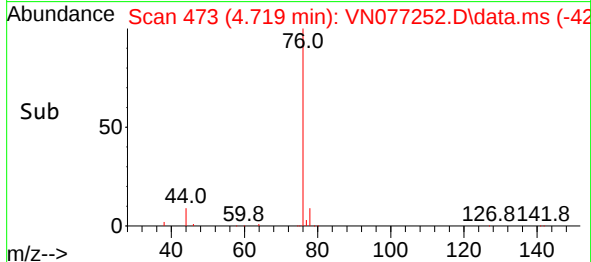
Instrument :
MSVOA_N
ClientSampleId :
VSTDICV050



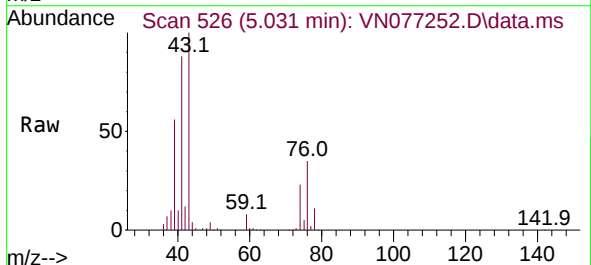
Tgt Ion: 76 Resp: 695190
Ion Ratio Lower Upper
76 100
78 8.8 6.8 10.2

Manual Integrations
APPROVED

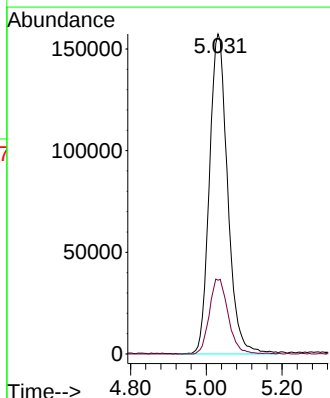
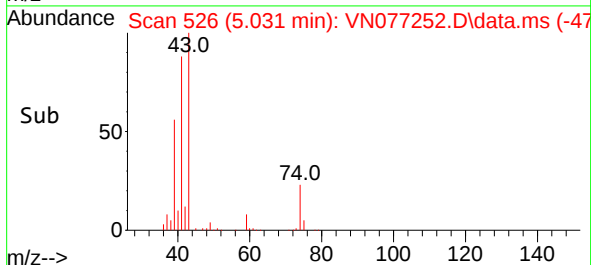
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023

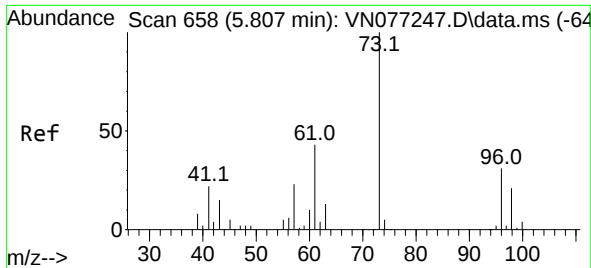


#18
Methyl Acetate
Concen: 42.550 ug/l
RT: 5.031 min Scan# 526
Delta R.T. 0.000 min
Lab File: VN077252.D
Acq: 31 Mar 2023 15:02



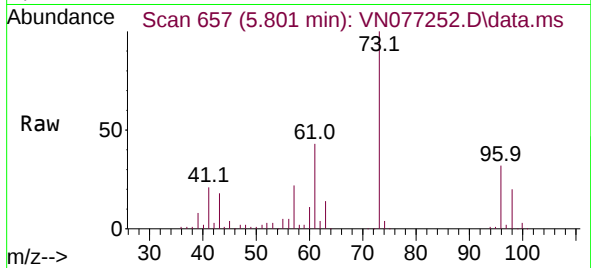
Tgt Ion: 43 Resp: 525426
Ion Ratio Lower Upper
43 100
74 24.1 19.6 29.4





#19
Methyl tert-butyl Ether
Concen: 50.025 ug/l
RT: 5.801 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN077252.D
Acq: 31 Mar 2023 15:02

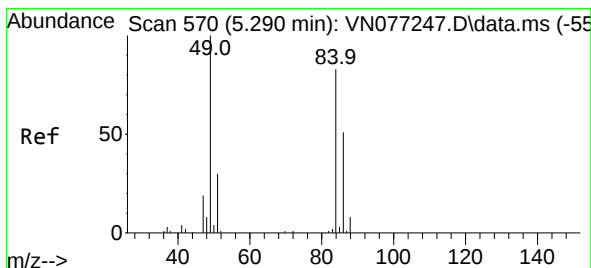
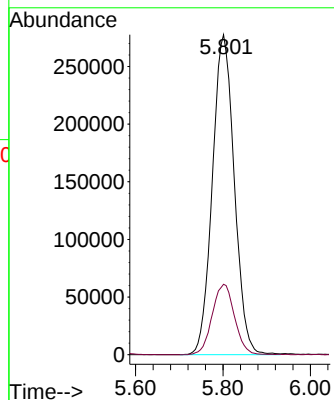
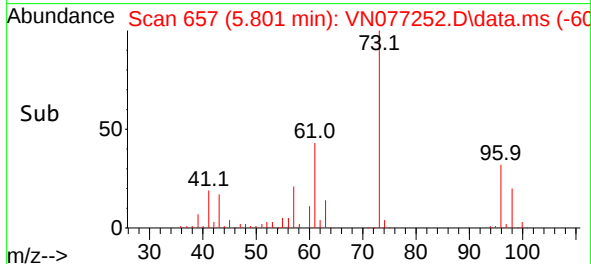
Instrument :
MSVOA_N
ClientSampleId :
VSTDICV050



Tgt Ion: 73 Resp: 965260
Ion Ratio Lower Upper
73 100
57 22.0 18.7 28.1

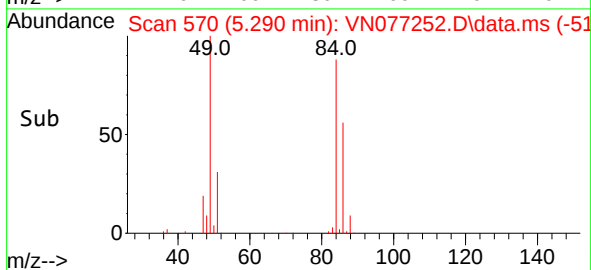
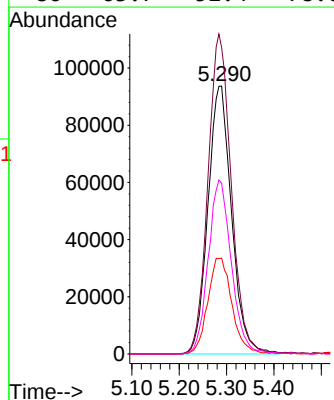
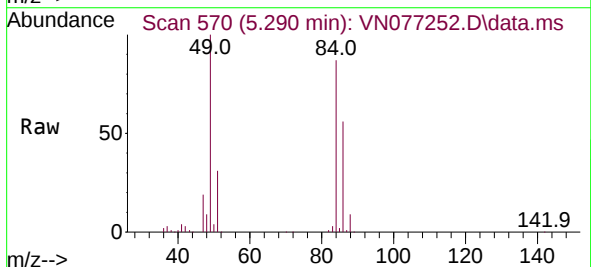
Manual Integrations
APPROVED

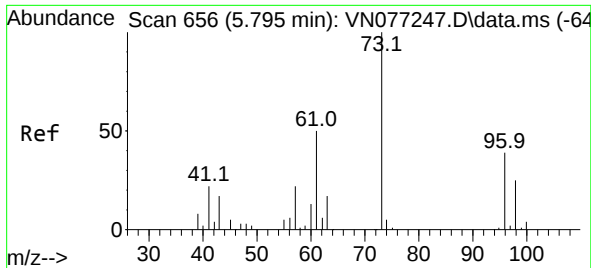
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#20
Methylene Chloride
Concen: 44.204 ug/l
RT: 5.290 min Scan# 570
Delta R.T. 0.006 min
Lab File: VN077252.D
Acq: 31 Mar 2023 15:02

Tgt Ion: 84 Resp: 324894
Ion Ratio Lower Upper
84 100
49 114.1 97.8 146.8
51 35.8 29.8 44.8
86 63.7 52.4 78.6





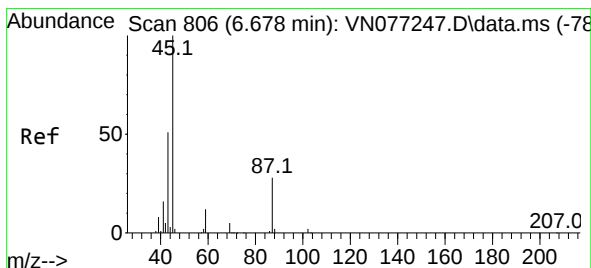
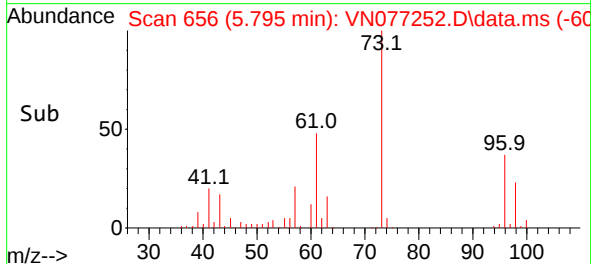
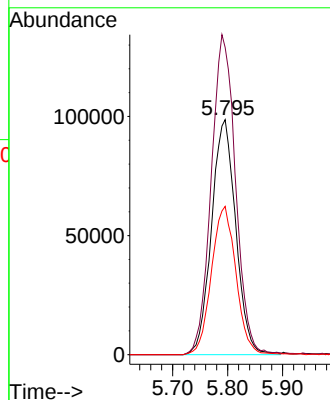
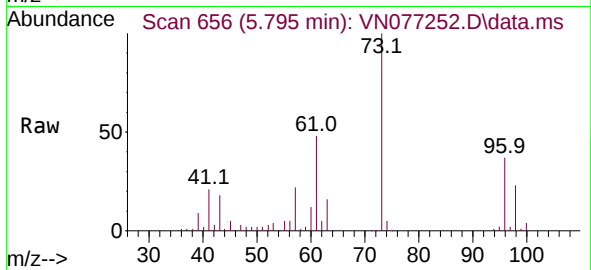
#21
trans-1,2-Dichloroethene
Concen: 48.011 ug/l
RT: 5.795 min Scan# 614
Delta R.T. 0.000 min
Lab File: VN077252.D
Acq: 31 Mar 2023 15:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDICV050

Tgt Ion: 96 Resp: 302714
Ion Ratio Lower Upper
96 100
61 130.7 109.7 164.5
98 63.1 50.4 75.6

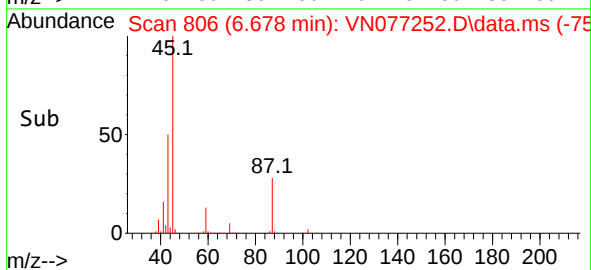
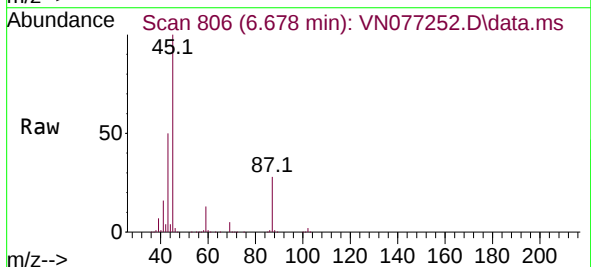
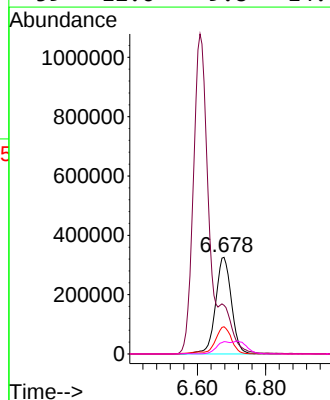
Manual Integrations
APPROVED

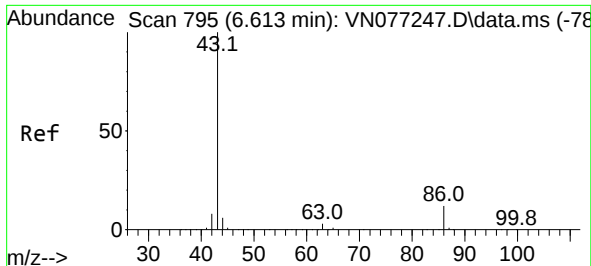
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#22
Diisopropyl ether
Concen: 49.766 ug/l
RT: 6.678 min Scan# 806
Delta R.T. 0.000 min
Lab File: VN077252.D
Acq: 31 Mar 2023 15:02

Tgt Ion: 45 Resp: 1051890
Ion Ratio Lower Upper
45 100
43 49.7 39.6 59.4
87 28.2 21.0 31.4
59 12.6 9.8 14.6





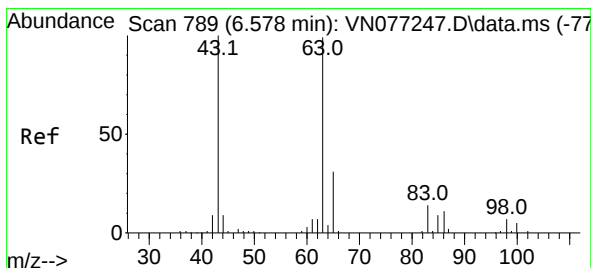
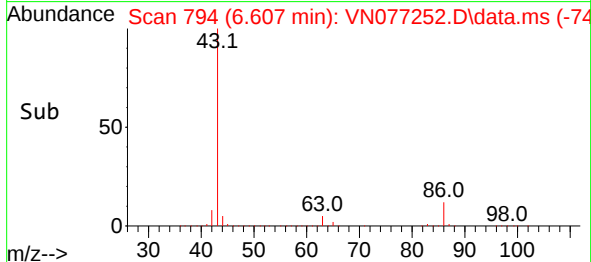
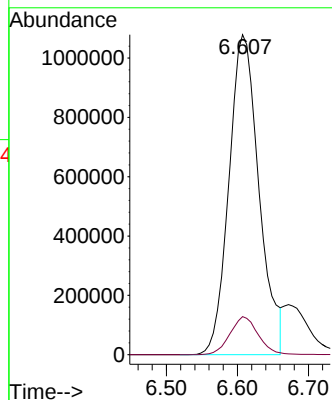
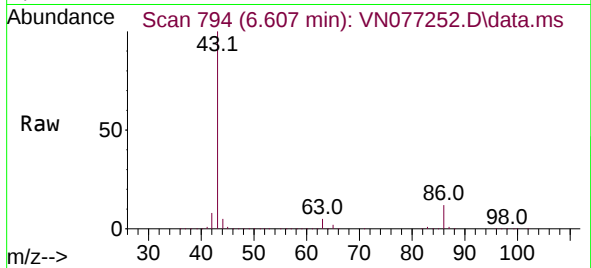
#23
 Vinyl Acetate
 Concen: 250.595 ug/l
 RT: 6.607 min Scan# 794
 Delta R.T. 0.000 min
 Lab File: VN077252.D
 Acq: 31 Mar 2023 15:02

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICV050

Tgt Ion: 43 Resp: 317836
 Ion Ratio Lower Upper
 43 100
 86 11.9 9.0 13.4

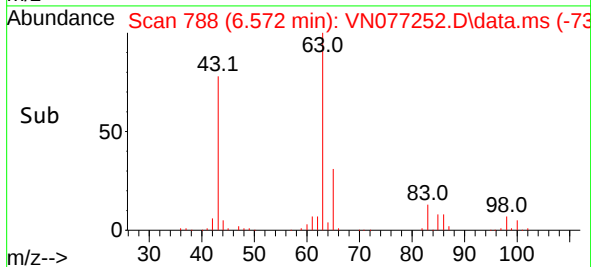
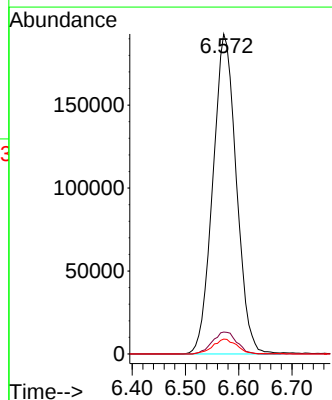
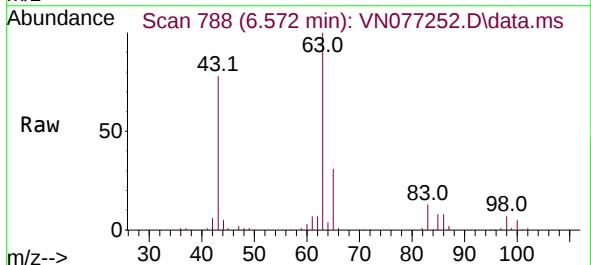
Manual Integrations
 APPROVED

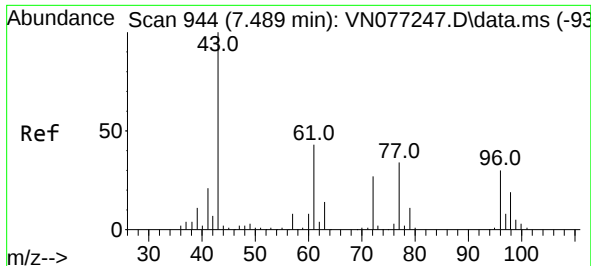
Reviewed By :John Carlone 04/03/2023
 Supervised By :Mahesh Dadoda 04/03/2023



#24
 1,1-Dichloroethane
 Concen: 47.603 ug/l
 RT: 6.572 min Scan# 788
 Delta R.T. -0.006 min
 Lab File: VN077252.D
 Acq: 31 Mar 2023 15:02

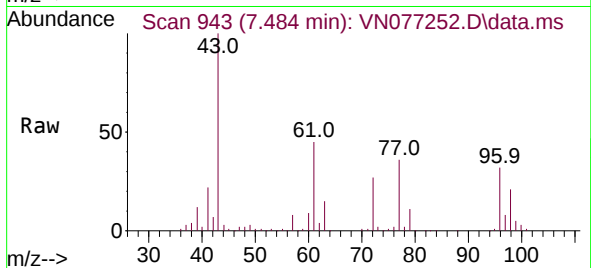
Tgt Ion: 63 Resp: 591032
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.9 11.5
 100 4.6 2.4 7.1





#25
2-Butanone
Concen: 224.602 ug/l
RT: 7.484 min Scan# 944
Delta R.T. -0.006 min
Lab File: VN077252.D
Acq: 31 Mar 2023 15:02

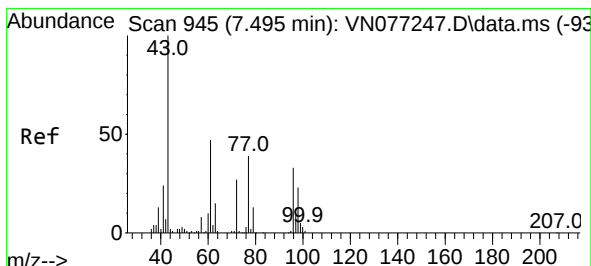
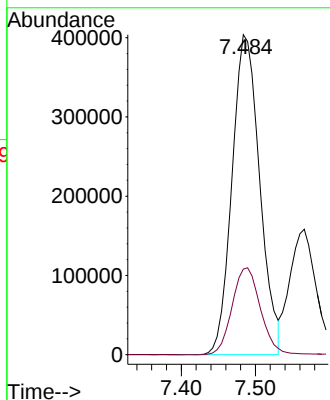
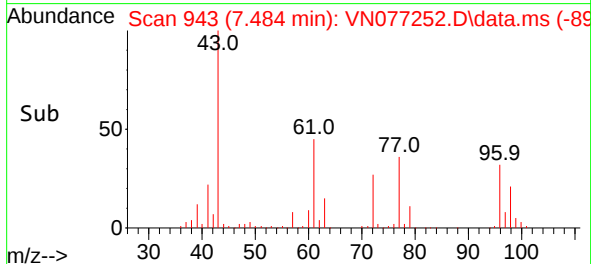
Instrument :
MSVOA_N
Client Sample Id :
VSTDICV050



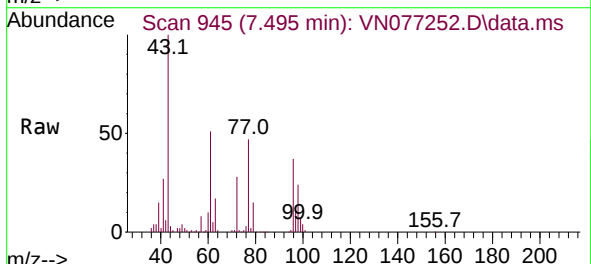
Tgt Ion: 43 Resp: 1048294
Ion Ratio Lower Upper
43 100
72 26.8 22.2 33.2

Manual Integrations
APPROVED

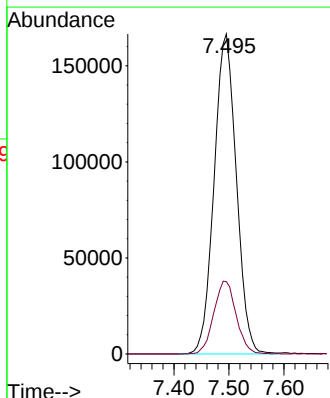
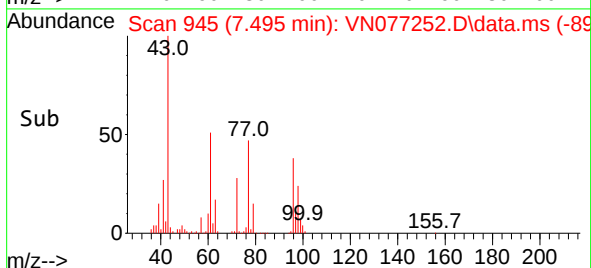
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023

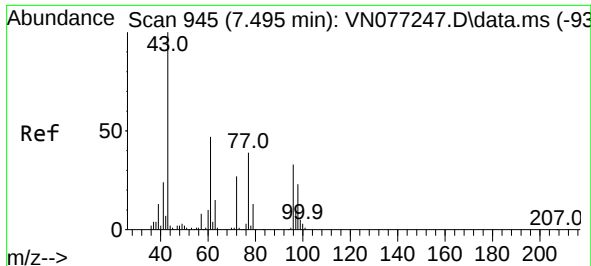


#26
2,2-Dichloropropane
Concen: 50.977 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.000 min
Lab File: VN077252.D
Acq: 31 Mar 2023 15:02



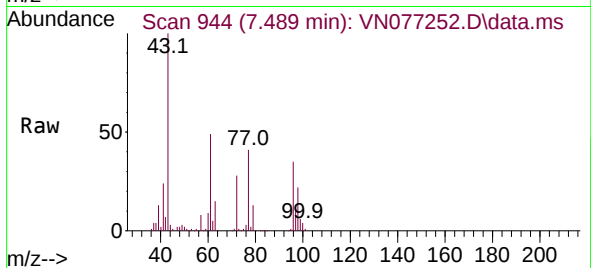
Tgt Ion: 77 Resp: 468253
Ion Ratio Lower Upper
77 100
97 22.9 11.6 34.7





#27
cis-1,2-Dichloroethene
Concen: 48.505 ug/l
RT: 7.489 min Scan# 945
Delta R.T. 0.000 min
Lab File: VN077252.D
Acq: 31 Mar 2023 15:02

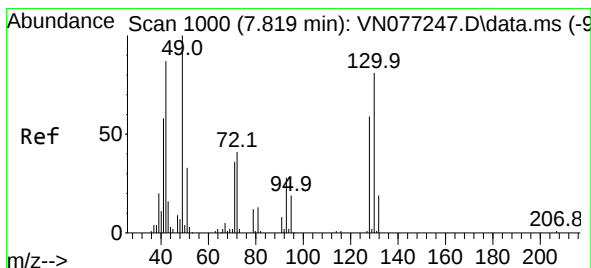
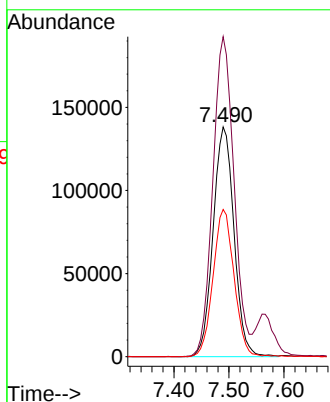
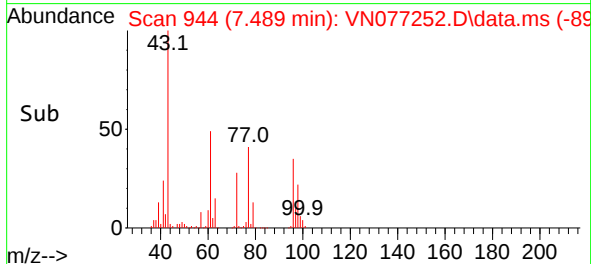
Instrument :
MSVOA_N
ClientSampleId :
VSTDICV050



Tgt Ion: 96 Resp: 36575
Ion Ratio Lower Upper
96 100
61 140.4 0.0 286.0
98 64.4 0.0 127.8

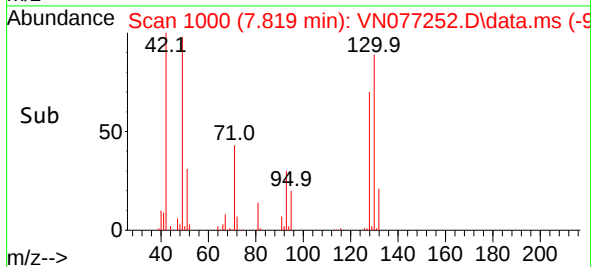
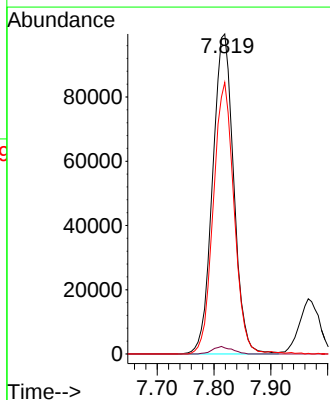
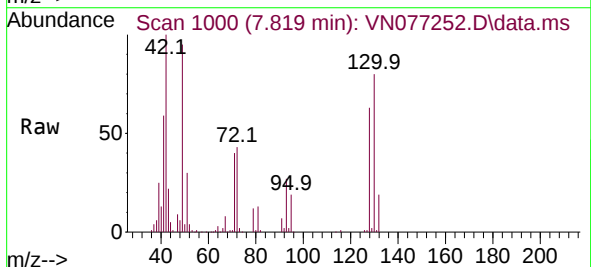
Manual Integrations
APPROVED

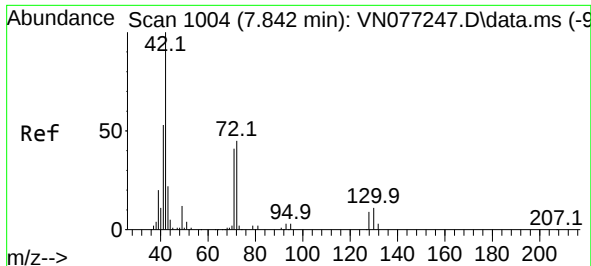
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#28
Bromochloromethane
Concen: 47.462 ug/l
RT: 7.819 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VN077252.D
Acq: 31 Mar 2023 15:02

Tgt Ion: 49 Resp: 257155
Ion Ratio Lower Upper
49 100
129 2.1 0.0 4.0
130 83.3 63.9 95.9





#29

Tetrahydrofuran

Concen: 225.596 ug/l

RT: 7.837 min Scan# 1003

Delta R.T. -0.006 min

Lab File: VN077252.D

Acq: 31 Mar 2023 15:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDICV050

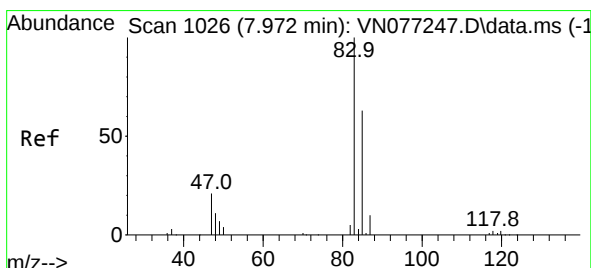
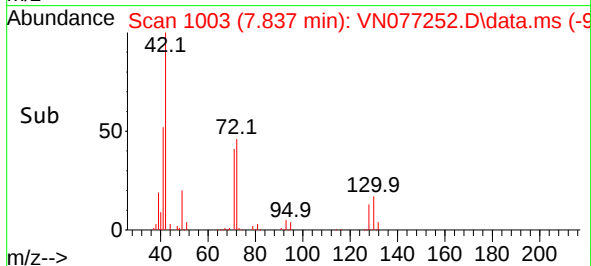
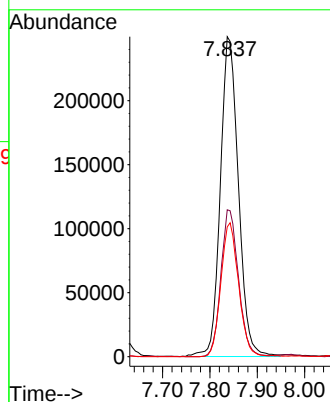
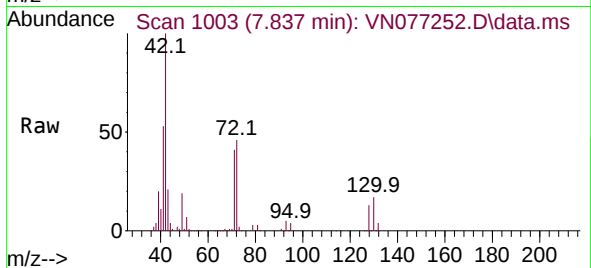
Tgt Ion:	42	Resp:	662024
Ion Ratio	Lower	Upper	
42	100		
72	44.8	35.6	53.4
71	41.1	33.2	49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/03/2023

Supervised By :Mahesh Dadoda 04/03/2023



#30

Chloroform

Concen: 47.223 ug/l

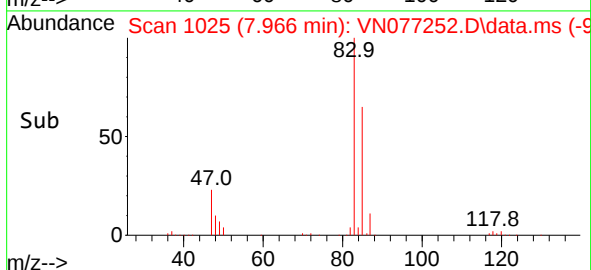
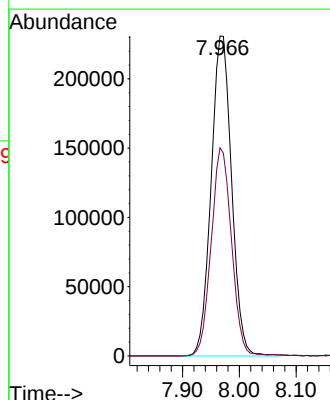
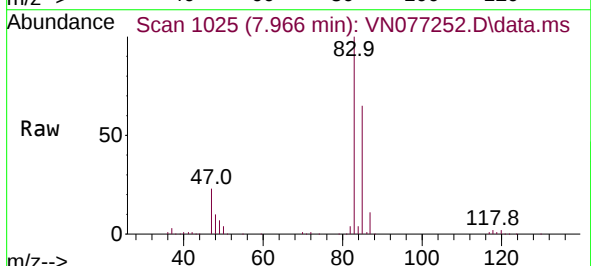
RT: 7.966 min Scan# 1025

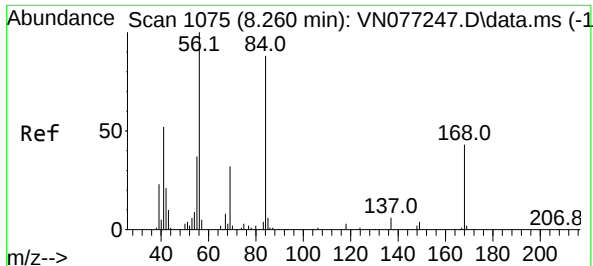
Delta R.T. -0.006 min

Lab File: VN077252.D

Acq: 31 Mar 2023 15:02

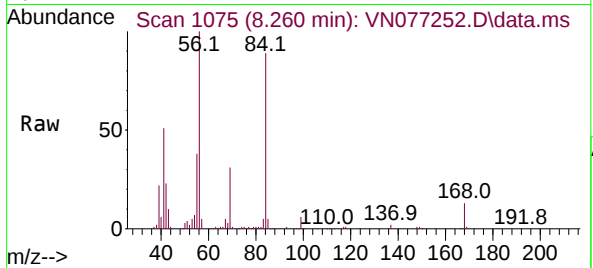
Tgt Ion:	83	Resp:	577555
Ion Ratio	Lower	Upper	
83	100		
85	65.0	51.4	77.0





#31
Cyclohexane
Concen: 46.567 ug/l
RT: 8.260 min Scan# 1075
Delta R.T. 0.000 min
Lab File: VN077252.D
Acq: 31 Mar 2023 15:02

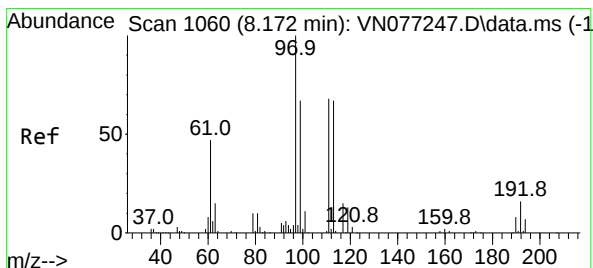
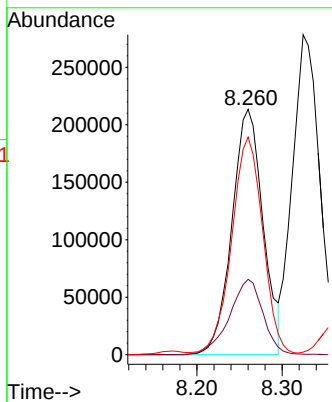
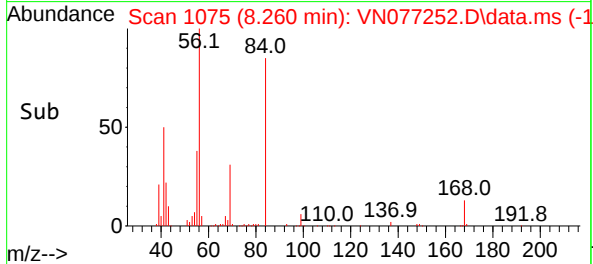
Instrument :
MSVOA_N
ClientSampleId :
VSTDICV050



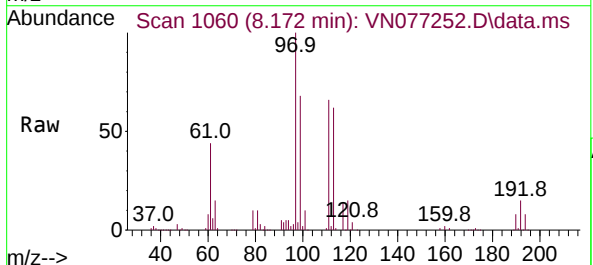
Tgt Ion: 56 Resp: 542389
Ion Ratio Lower Upper
56 100
69 30.7 25.1 37.7
84 87.4 69.0 103.4

Manual Integrations
APPROVED

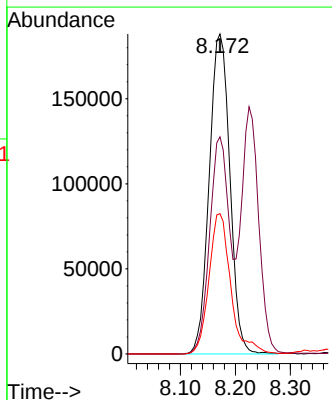
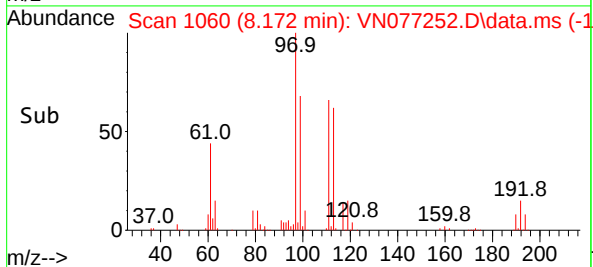
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023

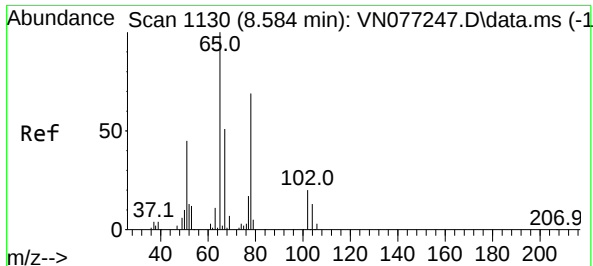


#32
1,1,1-Trichloroethane
Concen: 47.581 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. 0.000 min
Lab File: VN077252.D
Acq: 31 Mar 2023 15:02



Tgt Ion: 97 Resp: 490912
Ion Ratio Lower Upper
97 100
99 63.0 51.8 77.8
61 46.3 37.1 55.7





#33

1,2-Dichloroethane-d4

Concen: 50.070 ug/l

RT: 8.584 min Scan# 1130

Delta R.T. 0.001 min

Lab File: VN077252.D

Acq: 31 Mar 2023 15:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDICV050

Tgt Ion: 65 Resp: 330640

Ion Ratio Lower Upper

65 100

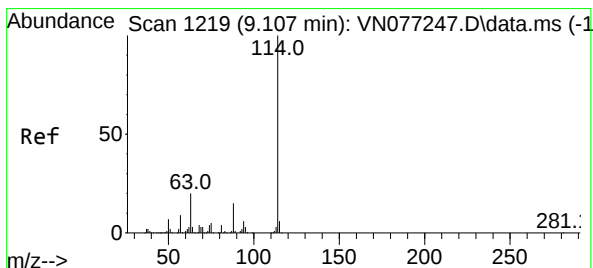
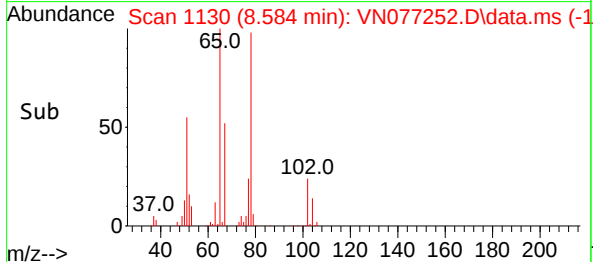
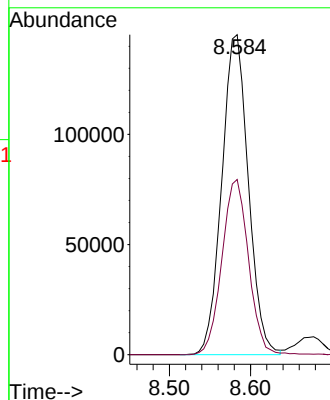
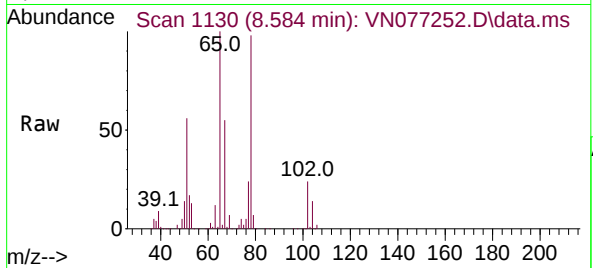
67 54.9 0.0 109.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/03/2023

Supervised By :Mahesh Dadoda 04/03/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.101 min Scan# 1218

Delta R.T. -0.006 min

Lab File: VN077252.D

Acq: 31 Mar 2023 15:02

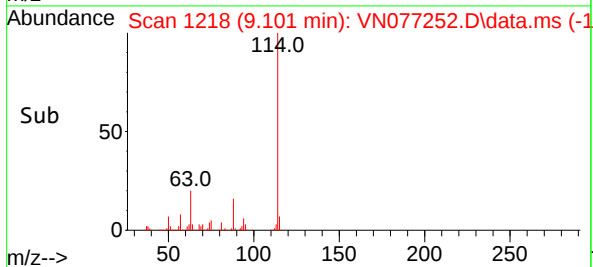
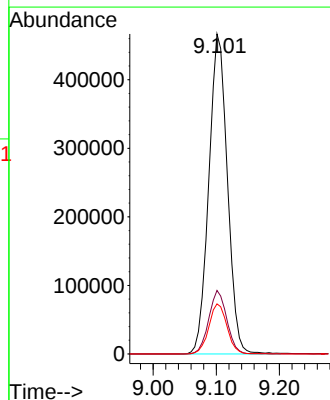
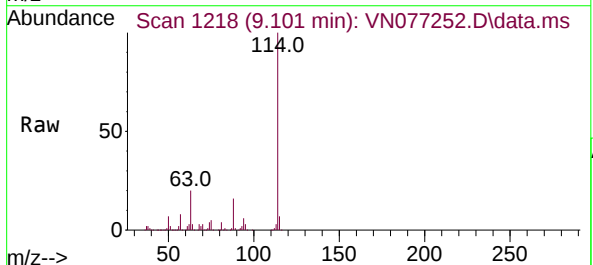
Tgt Ion:114 Resp: 954802

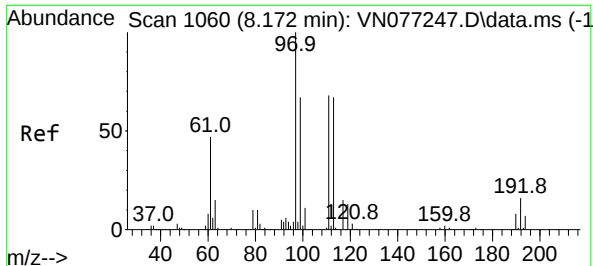
Ion Ratio Lower Upper

114 100

63 19.8 0.0 39.2

88 15.7 0.0 29.8





#35

Dibromofluoromethane

Concen: 50.240 ug/l

RT: 8.166 min Scan# 1059

Delta R.T. -0.006 min

Lab File: VN077252.D

Acq: 31 Mar 2023 15:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDICV050

Tgt Ion:113 Resp: 296010

Ion Ratio Lower Upper

113 100

111 103.5 82.2 123.2

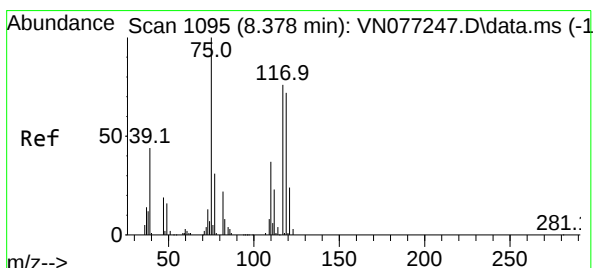
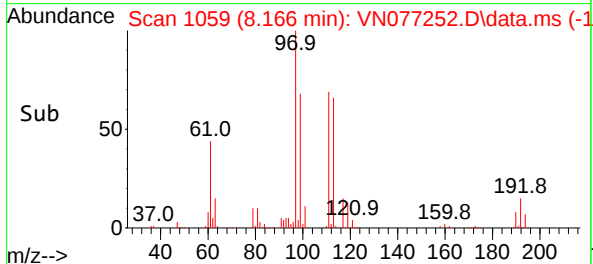
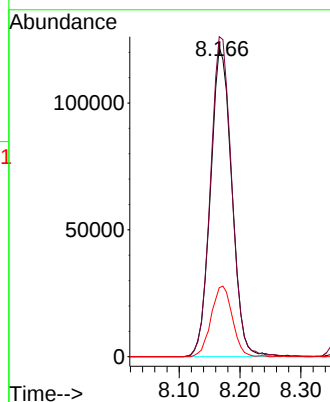
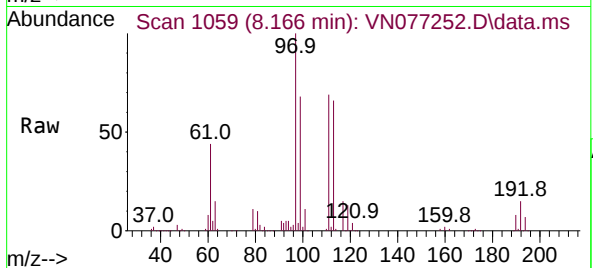
192 22.7 18.5 27.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/03/2023

Supervised By :Mahesh Dadoda 04/03/2023



#36

1,1-Dichloropropene

Concen: 50.415 ug/l

RT: 8.372 min Scan# 1094

Delta R.T. -0.006 min

Lab File: VN077252.D

Acq: 31 Mar 2023 15:02

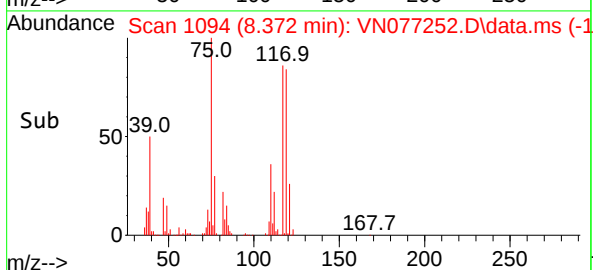
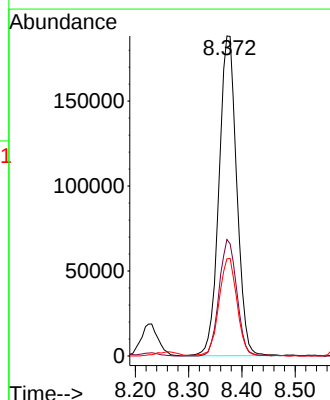
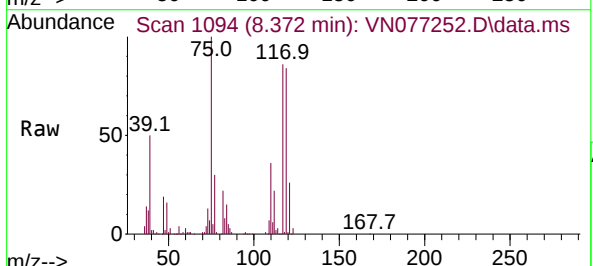
Tgt Ion: 75 Resp: 436081

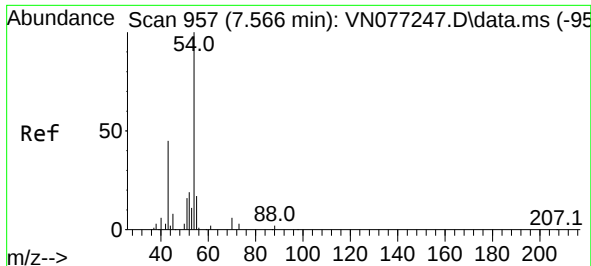
Ion Ratio Lower Upper

75 100

110 36.2 17.6 52.9

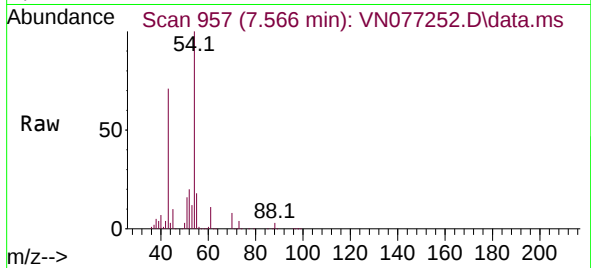
77 30.7 24.4 36.6





#37
Ethyl Acetate
Concen: 46.473 ug/l
RT: 7.566 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN077252.D
Acq: 31 Mar 2023 15:02

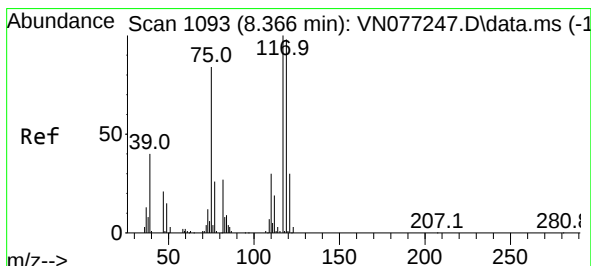
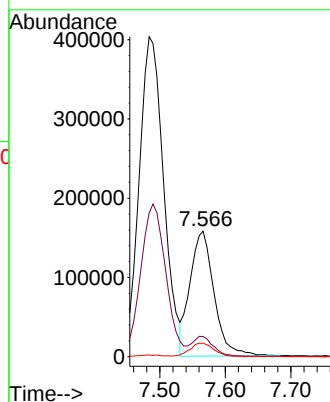
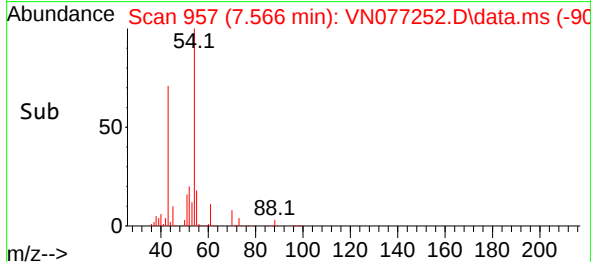
Instrument :
MSVOA_N
ClientSampleId :
VSTDICV050



Tgt Ion: 43 Resp: 40329
Ion Ratio Lower Upper
43 100
61 13.5 10.9 16.3
70 10.9 8.8 13.2

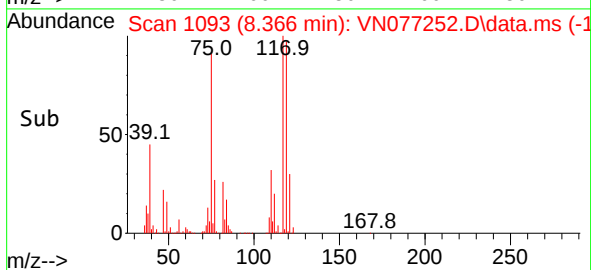
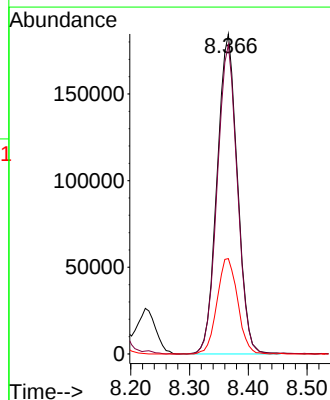
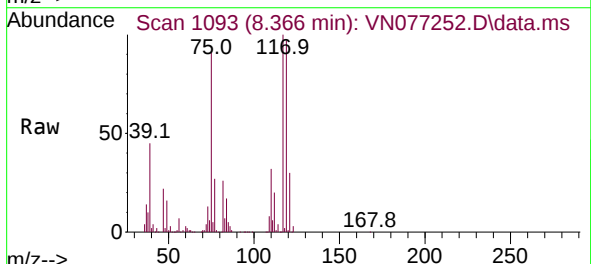
Manual Integrations
APPROVED

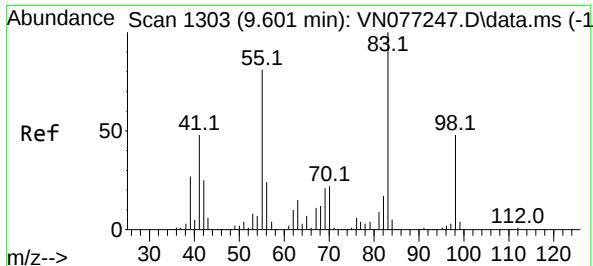
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#38
Carbon Tetrachloride
Concen: 49.979 ug/l
RT: 8.366 min Scan# 1093
Delta R.T. 0.000 min
Lab File: VN077252.D
Acq: 31 Mar 2023 15:02

Tgt Ion:117 Resp: 443289
Ion Ratio Lower Upper
117 100
119 96.7 76.5 114.7
121 29.8 23.8 35.8





#39

Methylcyclohexane

Concen: 53.050 ug/l

RT: 9.601 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VN077252.D

Acq: 31 Mar 2023 15:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDICV050

Tgt Ion: 83 Resp: 562774

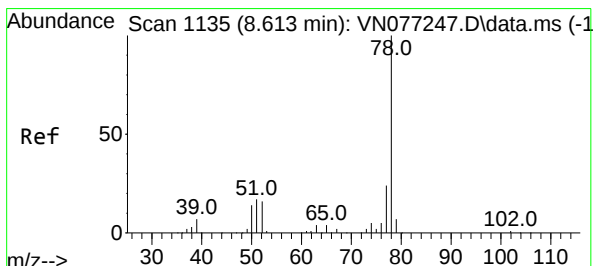
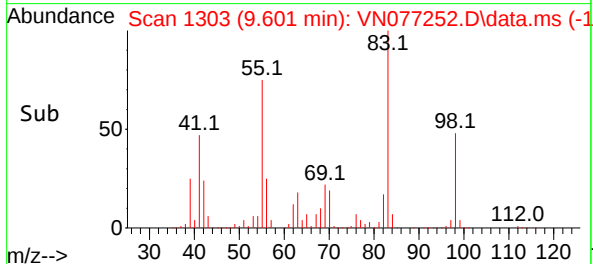
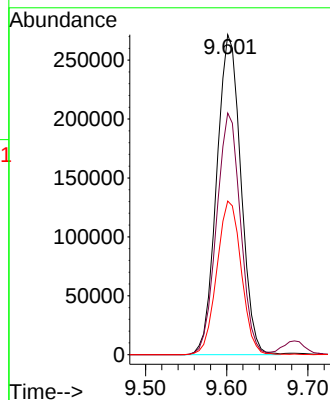
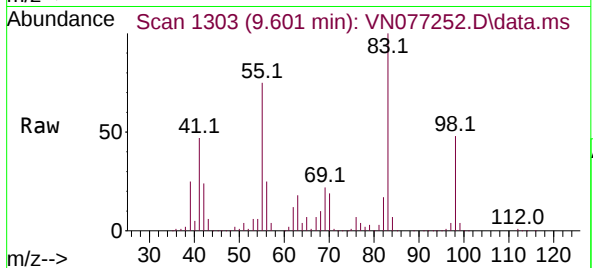
Ion	Ratio	Lower	Upper
83	100		
55	75.5	59.7	89.5
98	48.0	37.2	55.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/03/2023

Supervised By :Mahesh Dadoda 04/03/2023



#40

Benzene

Concen: 48.547 ug/l

RT: 8.607 min Scan# 1134

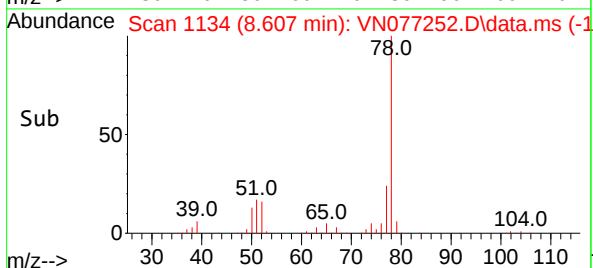
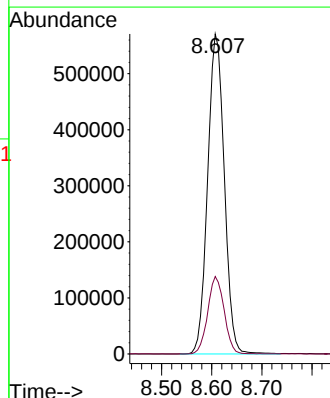
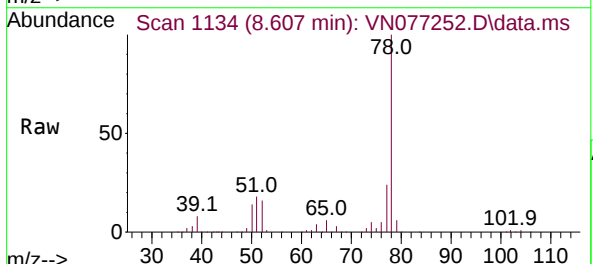
Delta R.T. 0.000 min

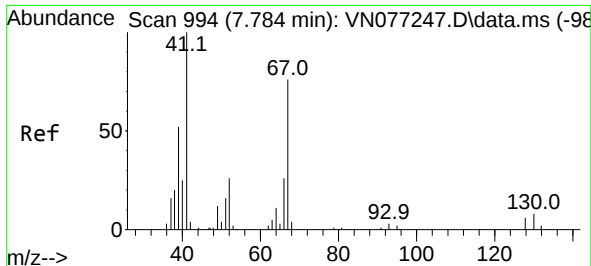
Lab File: VN077252.D

Acq: 31 Mar 2023 15:02

Tgt Ion: 78 Resp: 1318387

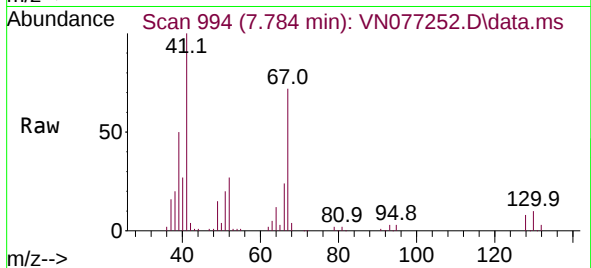
Ion	Ratio	Lower	Upper
78	100		
77	24.2	18.7	28.1





#41
Methacrylonitrile
Concen: 47.820 ug/l
RT: 7.784 min Scan# 994
Delta R.T. 0.000 min
Lab File: VN077252.D
Acq: 31 Mar 2023 15:02

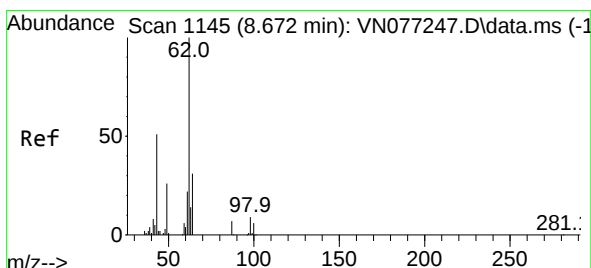
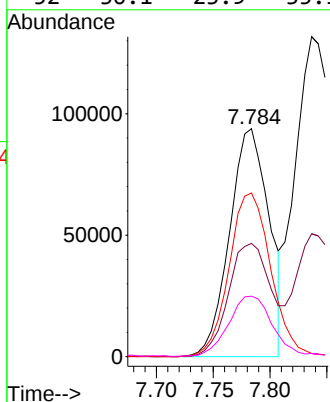
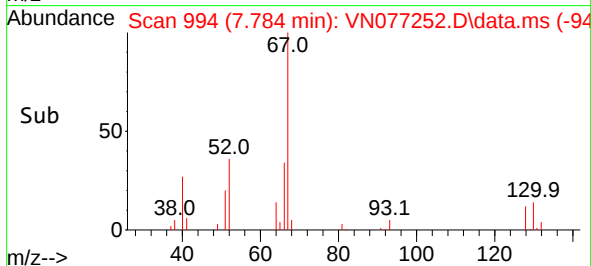
Instrument :
MSVOA_N
ClientSampleId :
VSTDICV050



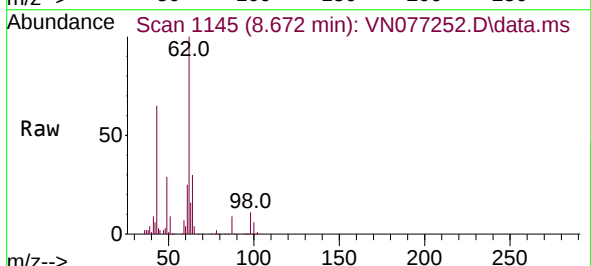
Tgt Ion: 41 Resp: 226834
Ion Ratio Lower Upper
41 100
39 55.3 44.0 66.0
67 77.0 60.7 91.1
52 30.1 23.9 35.9

Manual Integrations
APPROVED

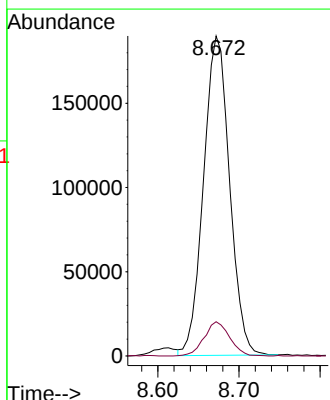
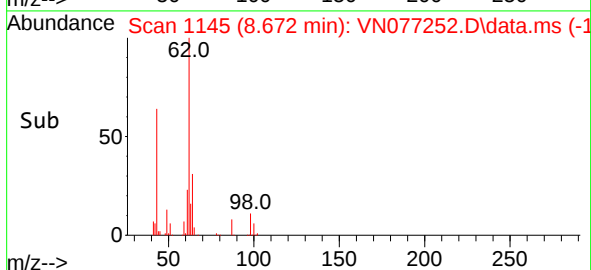
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023

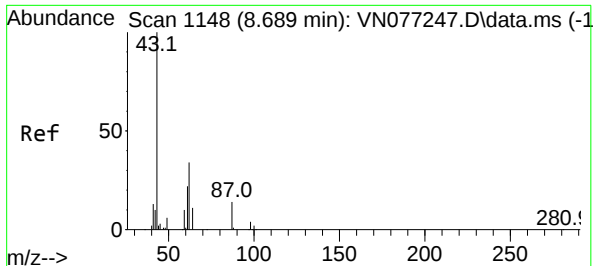


#42
1,2-Dichloroethane
Concen: 47.537 ug/l
RT: 8.672 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN077252.D
Acq: 31 Mar 2023 15:02



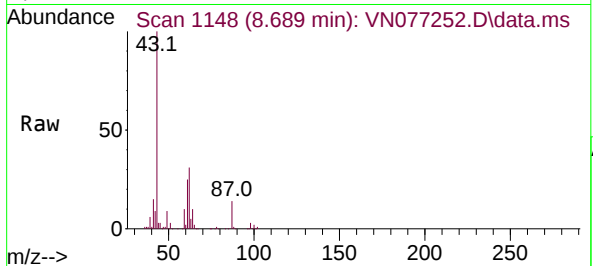
Tgt Ion: 62 Resp: 422413
Ion Ratio Lower Upper
62 100
98 10.5 0.0 20.8





#43
Isopropyl Acetate
Concen: 48.184 ug/l
RT: 8.689 min Scan# 1148
Delta R.T. 0.000 min
Lab File: VN077252.D
Acq: 31 Mar 2023 15:02

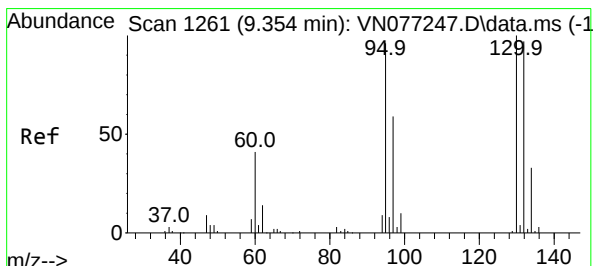
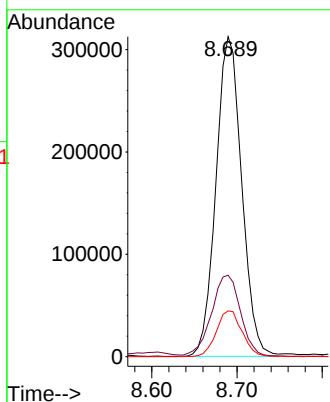
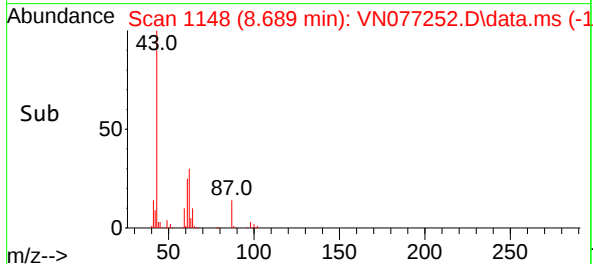
Instrument :
MSVOA_N
ClientSampleId :
VSTDICV050



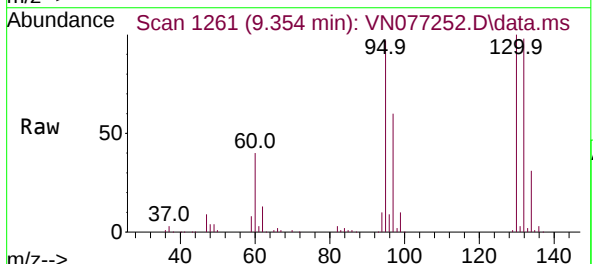
Tgt Ion: 43 Resp: 655939
Ion Ratio Lower Upper
43 100
61 28.7 22.2 33.2
87 14.5 11.3 16.9

Manual Integrations
APPROVED

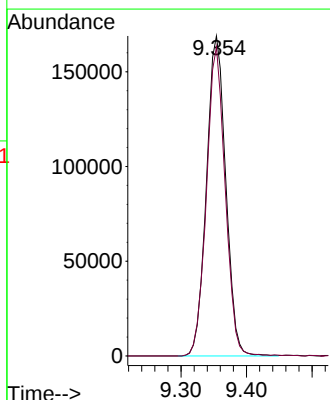
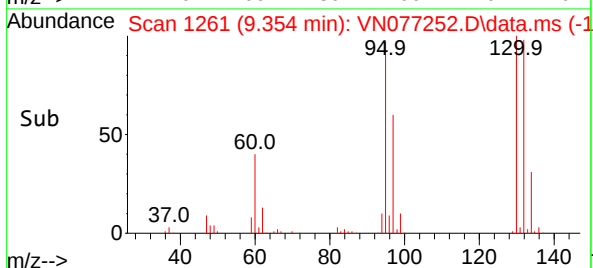
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023

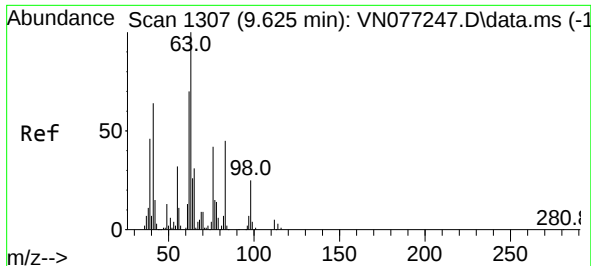


#44
Trichloroethene
Concen: 49.210 ug/l
RT: 9.354 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VN077252.D
Acq: 31 Mar 2023 15:02



Tgt Ion:130 Resp: 345769
Ion Ratio Lower Upper
130 100
95 96.6 0.0 197.8





#45

1,2-Dichloropropane

Concen: 48.437 ug/l

RT: 9.625 min Scan# 1307

Delta R.T. 0.000 min

Lab File: VN077252.D

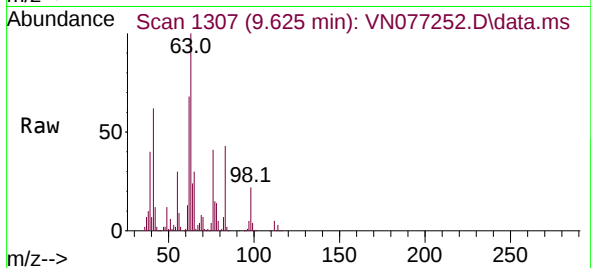
Acq: 31 Mar 2023 15:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDICV050



Tgt Ion: 63 Resp: 349910

Ion Ratio Lower Upper

63 100

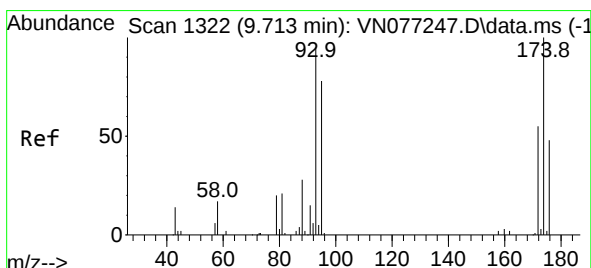
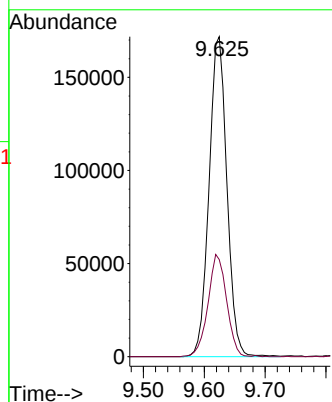
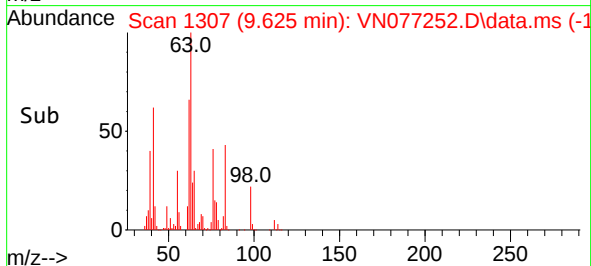
65 30.3 24.2 36.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/03/2023

Supervised By :Mahesh Dadoda 04/03/2023



#46

Dibromomethane

Concen: 46.922 ug/l

RT: 9.707 min Scan# 1321

Delta R.T. -0.006 min

Lab File: VN077252.D

Acq: 31 Mar 2023 15:02

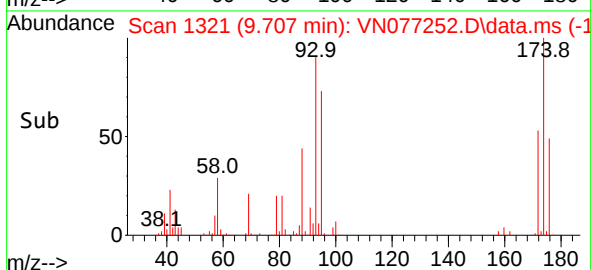
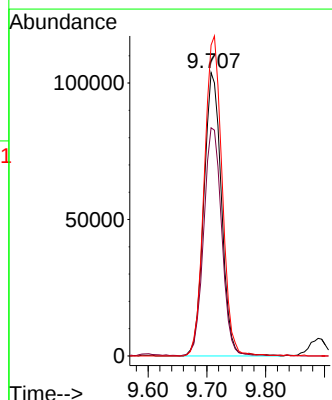
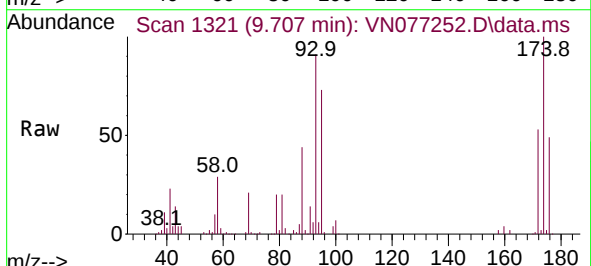
Tgt Ion: 93 Resp: 215501

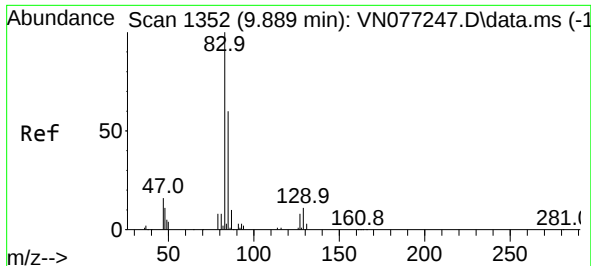
Ion Ratio Lower Upper

93 100

95 82.5 66.1 99.1

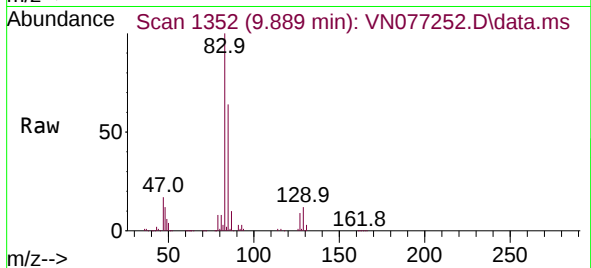
174 114.5 91.0 136.4





#47
Bromodichloromethane
Concen: 50.299 ug/l
RT: 9.889 min Scan# 1352
Delta R.T. 0.000 min
Lab File: VN077252.D
Acq: 31 Mar 2023 15:02

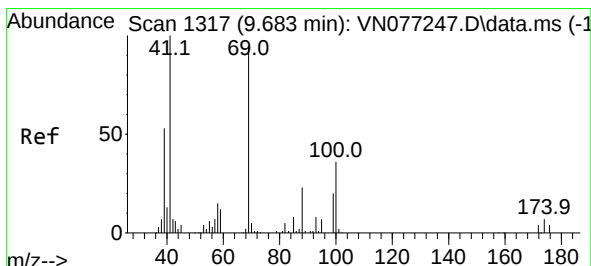
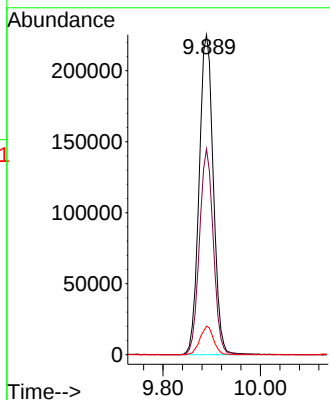
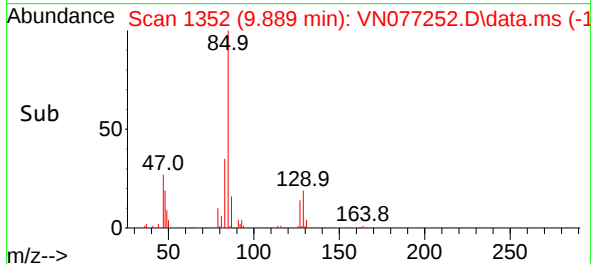
Instrument :
MSVOA_N
ClientSampleId :
VSTDICV050



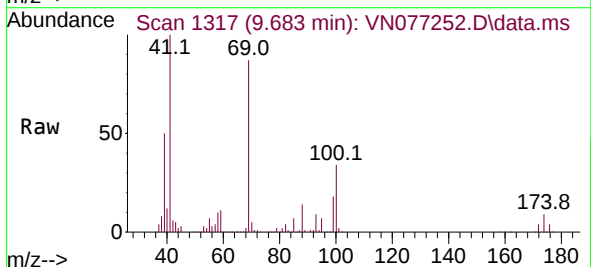
Tgt Ion: 83 Resp: 454849
Ion Ratio Lower Upper
83 100
85 64.3 51.3 76.9
127 8.9 6.6 10.0

Manual Integrations
APPROVED

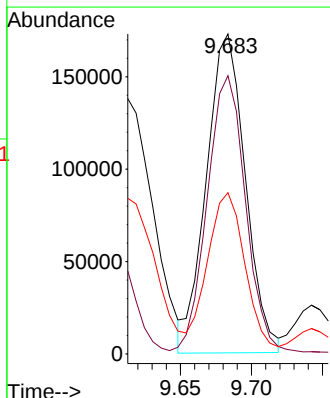
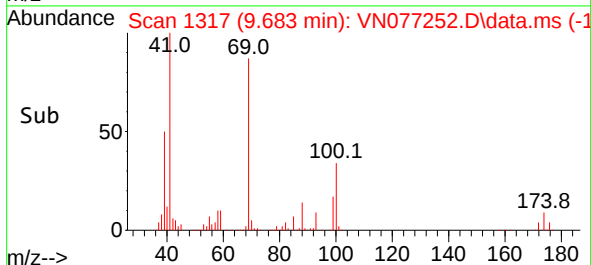
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023

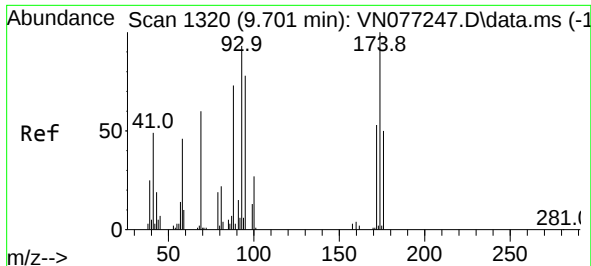


#48
Methyl methacrylate
Concen: 50.279 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN077252.D
Acq: 31 Mar 2023 15:02



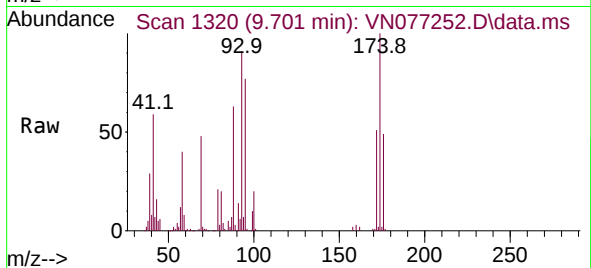
Tgt Ion: 41 Resp: 330152
Ion Ratio Lower Upper
41 100
69 86.4 70.7 106.1
39 49.1 40.6 61.0





#49
1,4-Dioxane
Concen: 965.885 ug/l
RT: 9.701 min Scan# 1320
Delta R.T. 0.006 min
Lab File: VN077252.D
Acq: 31 Mar 2023 15:02

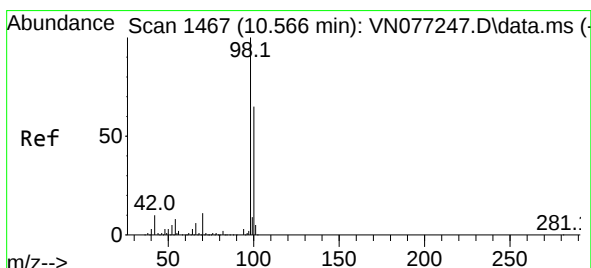
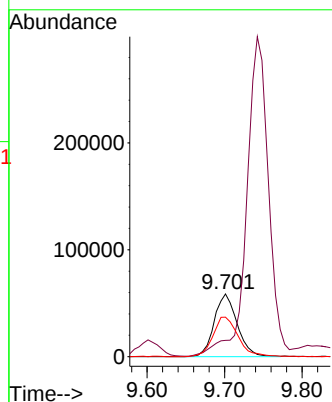
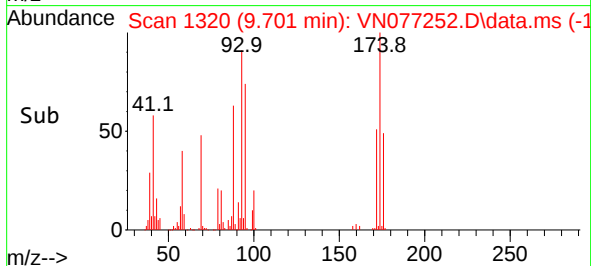
Instrument :
MSVOA_N
ClientSampleId :
VSTDICV050



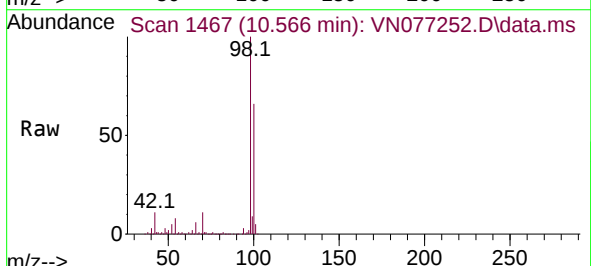
Tgt Ion: 88 Resp: 120658
Ion Ratio Lower Upper
88 100
43 0.0 21.2 31.8
58 69.9 56.5 84.7

Manual Integrations
APPROVED

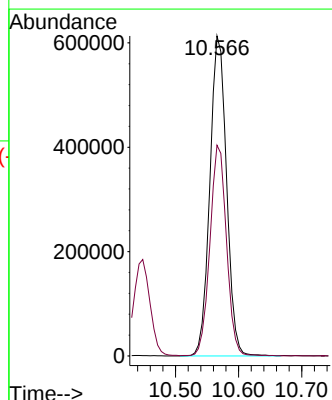
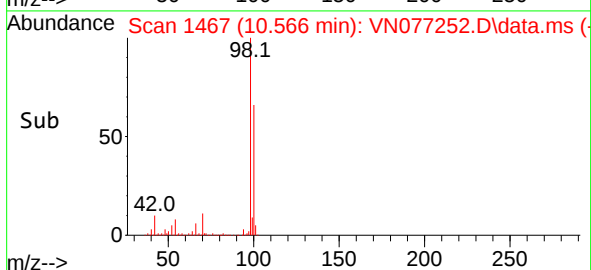
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023

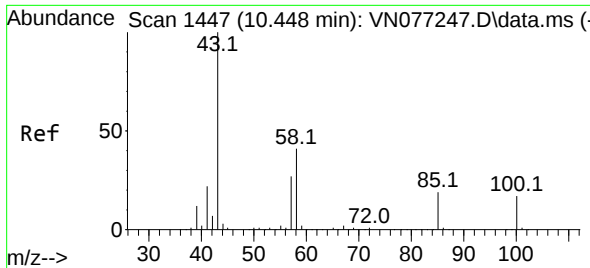


#50
Toluene-d8
Concen: 52.815 ug/l
RT: 10.566 min Scan# 1467
Delta R.T. 0.000 min
Lab File: VN077252.D
Acq: 31 Mar 2023 15:02



Tgt Ion: 98 Resp: 1125290
Ion Ratio Lower Upper
98 100
100 65.3 52.0 78.0





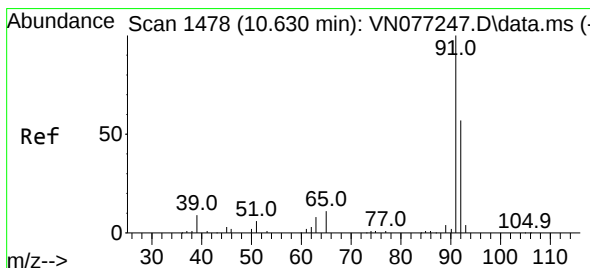
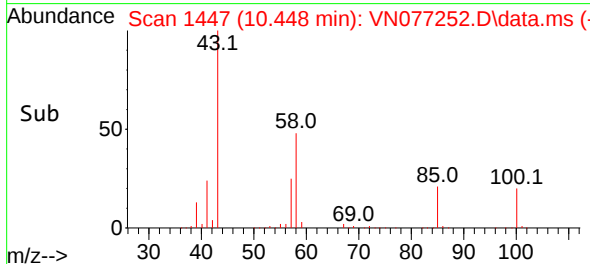
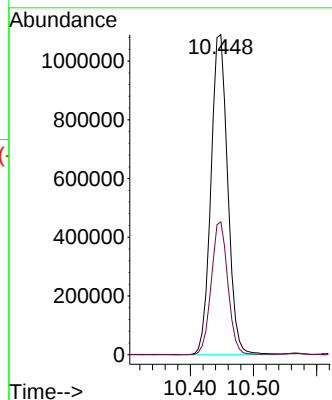
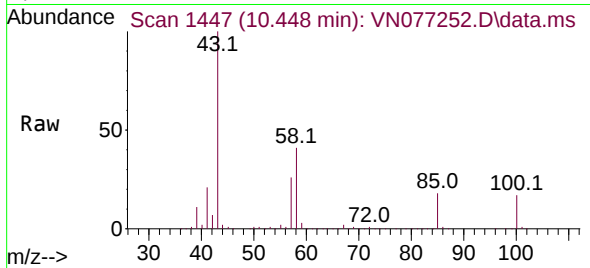
#51
4-Methyl-2-Pentanone
Concen: 232.953 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN077252.D
Acq: 31 Mar 2023 15:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDICV050

Tgt Ion: 43 Resp: 200800
Ion Ratio Lower Upper
43 100
58 41.2 33.3 49.9

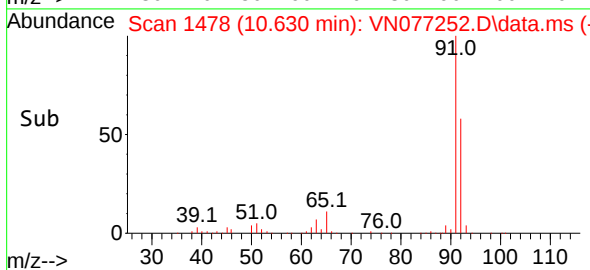
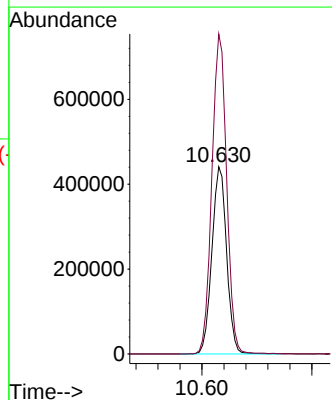
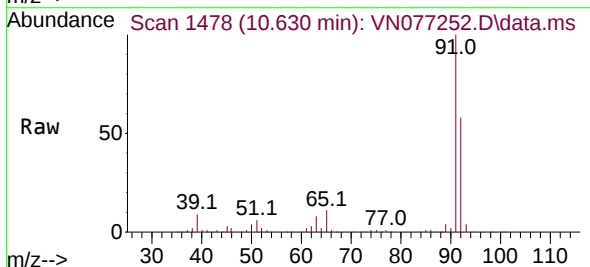
Manual Integrations
APPROVED

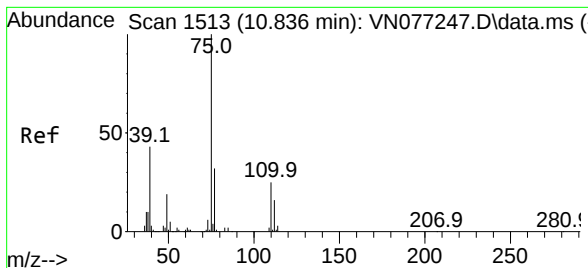
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#52
Toluene
Concen: 49.902 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VN077252.D
Acq: 31 Mar 2023 15:02

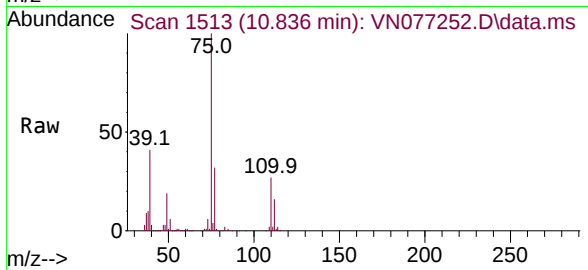
Tgt Ion: 92 Resp: 819704
Ion Ratio Lower Upper
92 100
91 171.6 138.8 208.2





#53
t-1,3-Dichloropropene
Concen: 54.338 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VN077252.D
Acq: 31 Mar 2023 15:02

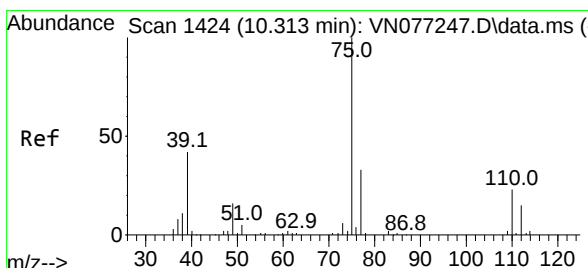
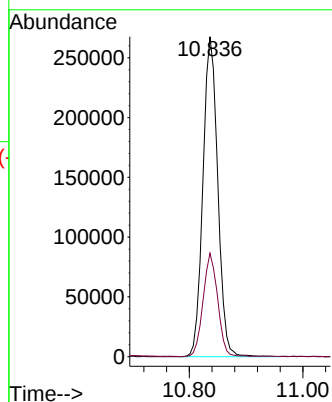
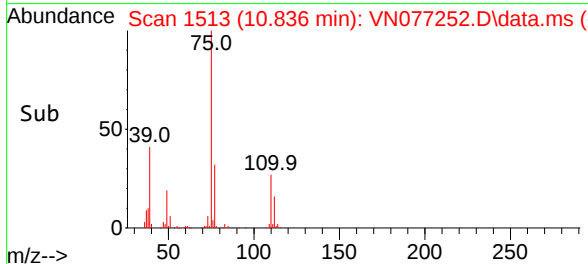
Instrument :
MSVOA_N
ClientSampleId :
VSTDICV050



Tgt Ion: 75 Resp: 484659
Ion Ratio Lower Upper
75 100
77 32.3 25.8 38.8

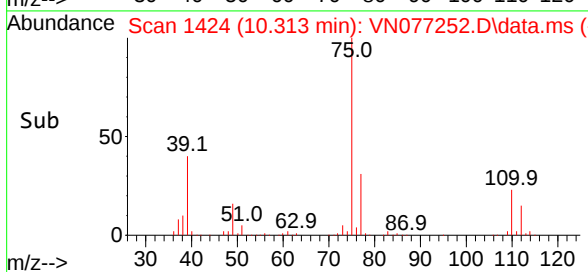
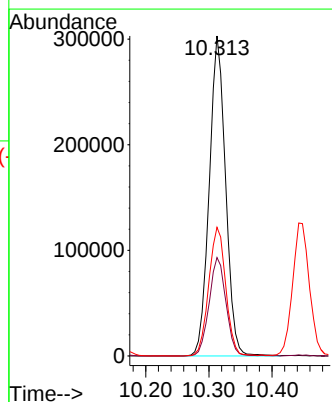
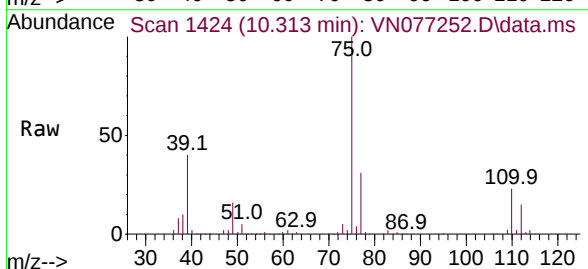
Manual Integrations
APPROVED

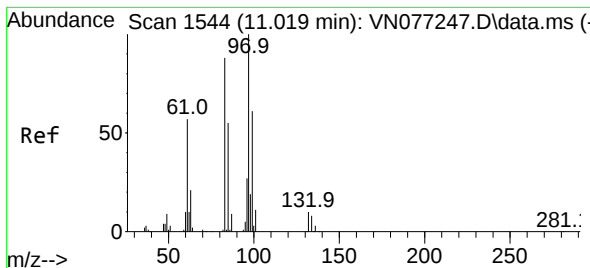
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#54
cis-1,3-Dichloropropene
Concen: 52.633 ug/l
RT: 10.313 min Scan# 1424
Delta R.T. 0.000 min
Lab File: VN077252.D
Acq: 31 Mar 2023 15:02

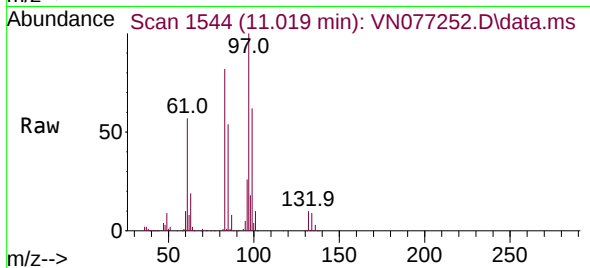
Tgt Ion: 75 Resp: 545381
Ion Ratio Lower Upper
75 100
77 30.7 24.8 37.2
39 40.2 33.3 49.9





#55
1,1,2-Trichloroethane
Concen: 47.347 ug/l
RT: 11.019 min Scan# 1544
Delta R.T. 0.000 min
Lab File: VN077252.D
Acq: 31 Mar 2023 15:02

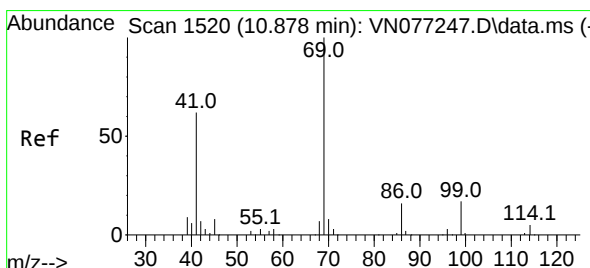
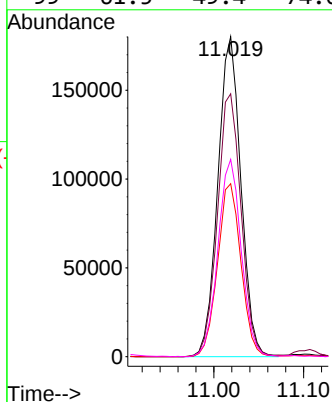
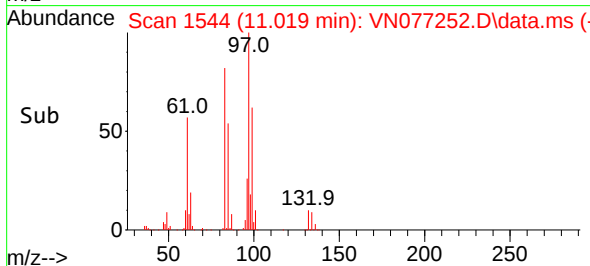
Instrument :
MSVOA_N
ClientSampleId :
VSTDICV050



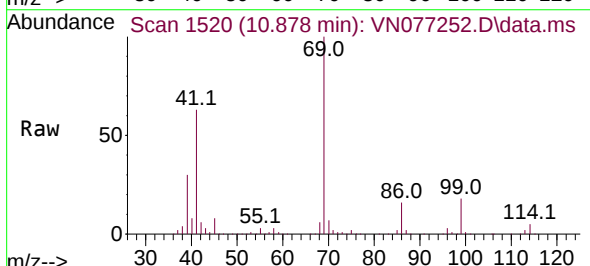
Tgt Ion: 97 Resp: 321715
Ion Ratio Lower Upper
97 100
83 82.2 68.4 102.6
85 54.0 43.2 64.8
99 61.5 49.4 74.0

Manual Integrations
APPROVED

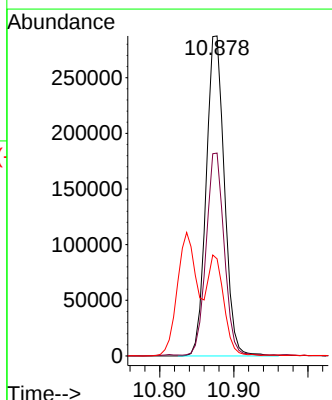
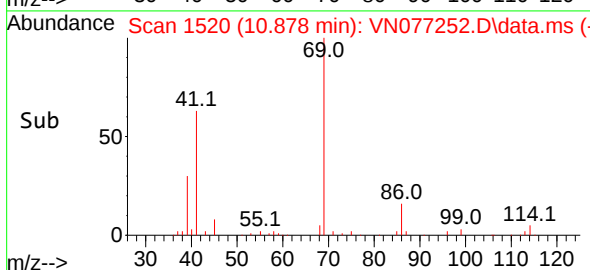
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023

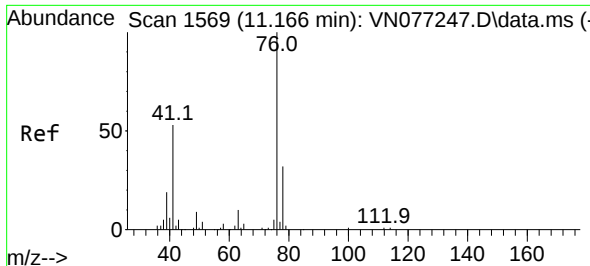


#56
Ethyl methacrylate
Concen: 52.223 ug/l
RT: 10.878 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VN077252.D
Acq: 31 Mar 2023 15:02



Tgt Ion: 69 Resp: 491200
Ion Ratio Lower Upper
69 100
41 62.5 49.9 74.9
39 27.1 21.9 32.9





#57

1,3-Dichloropropane

Concen: 48.076 ug/l

RT: 11.166 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VN077252.D

Acq: 31 Mar 2023 15:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDICV050

Tgt Ion: 76 Resp: 554915

Ion Ratio Lower Upper

76 100

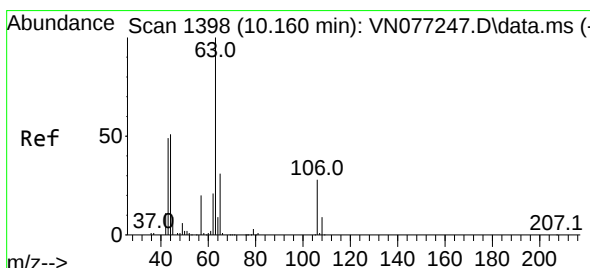
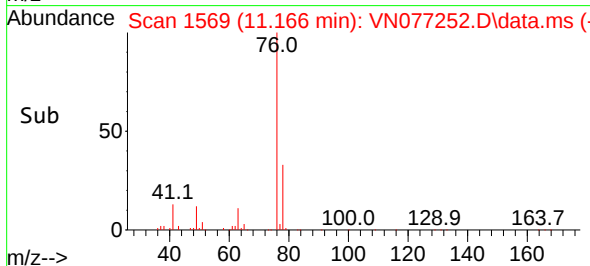
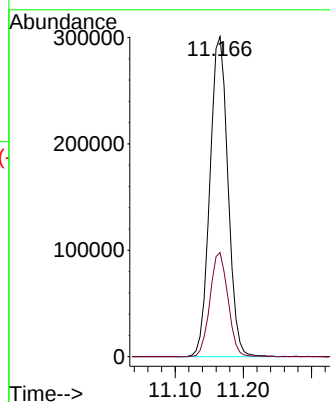
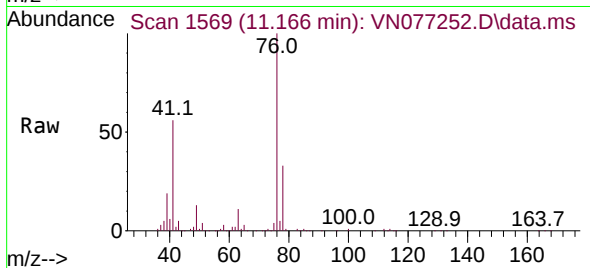
78 32.4 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/03/2023

Supervised By :Mahesh Dadoda 04/03/2023



#58

2-Chloroethyl Vinyl ether

Concen: 263.185 ug/l

RT: 10.160 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VN077252.D

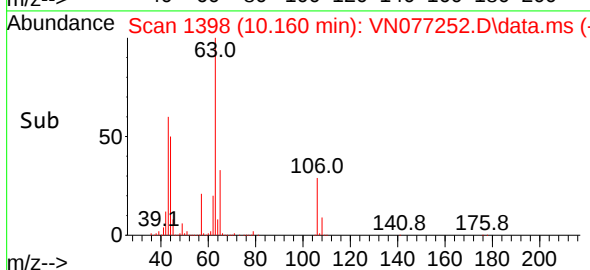
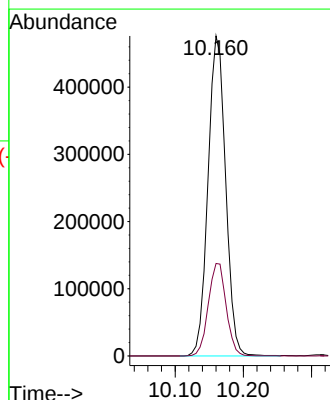
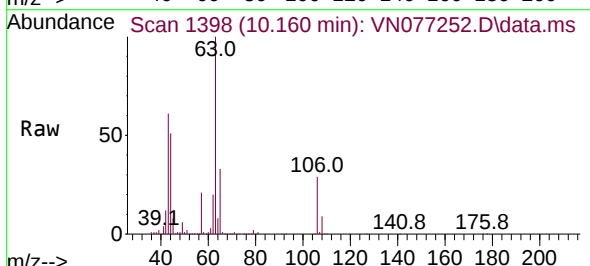
Acq: 31 Mar 2023 15:02

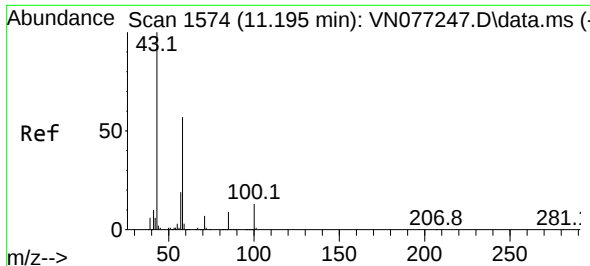
Tgt Ion: 63 Resp: 855733

Ion Ratio Lower Upper

63 100

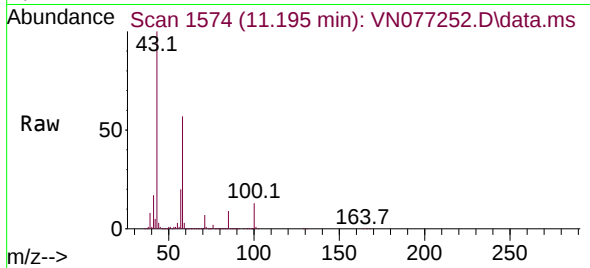
106 29.3 22.6 33.8





#59
2-Hexanone
Concen: 235.966 ug/l
RT: 11.195 min Scan# 1574
Delta R.T. 0.000 min
Lab File: VN077252.D
Acq: 31 Mar 2023 15:02

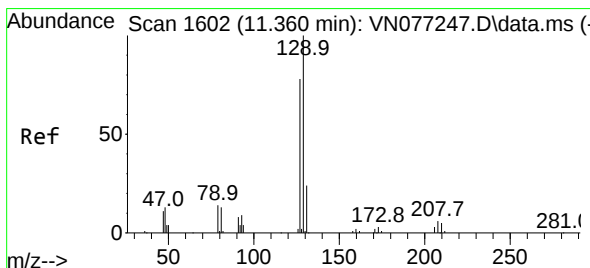
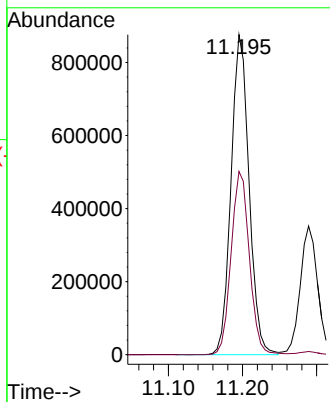
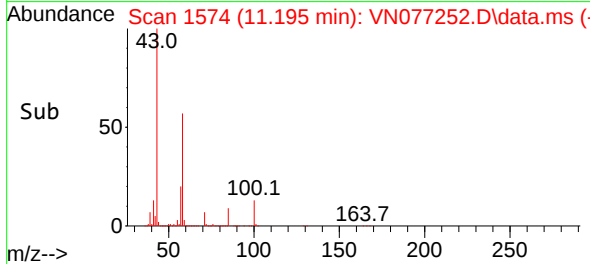
Instrument :
MSVOA_N
ClientSampleId :
VSTDICV050



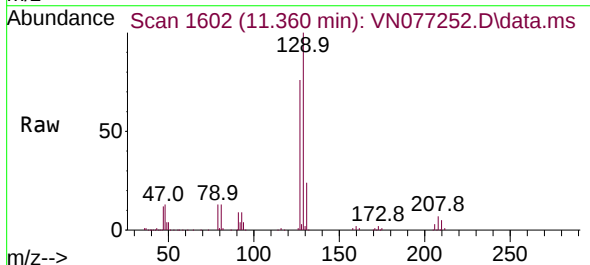
Tgt Ion: 43 Resp: 1476084
Ion Ratio Lower Upper
43 100
58 58.1 29.3 88.0

Manual Integrations
APPROVED

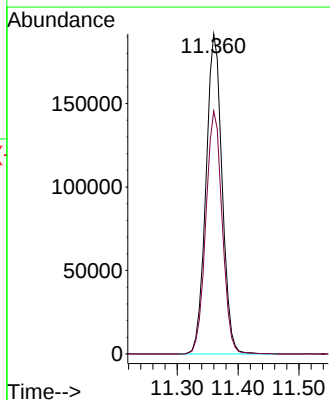
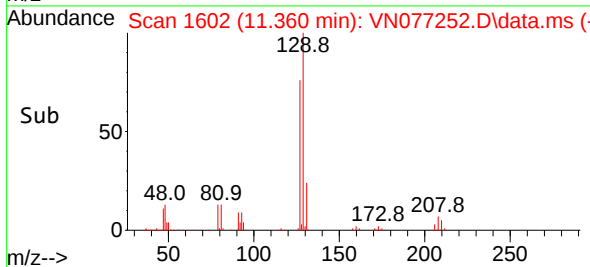
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023

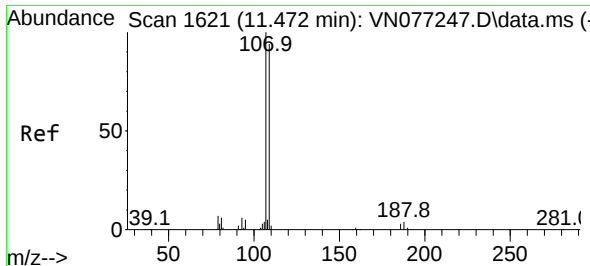


#60
Dibromochloromethane
Concen: 49.793 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VN077252.D
Acq: 31 Mar 2023 15:02



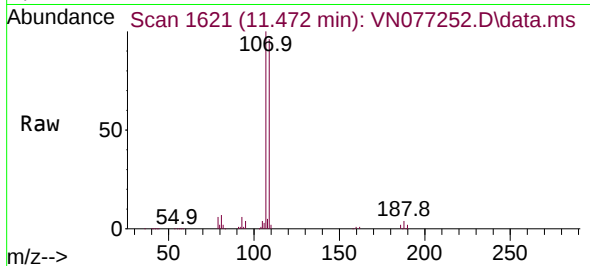
Tgt Ion:129 Resp: 351522
Ion Ratio Lower Upper
129 100
127 77.3 38.1 114.3





#61
1,2-Dibromoethane
Concen: 48.709 ug/l
RT: 11.472 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VN077252.D
Acq: 31 Mar 2023 15:02

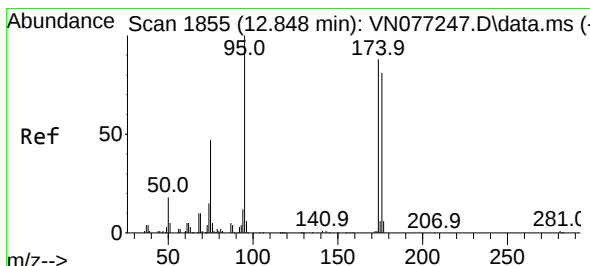
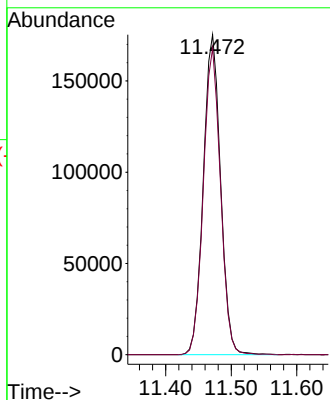
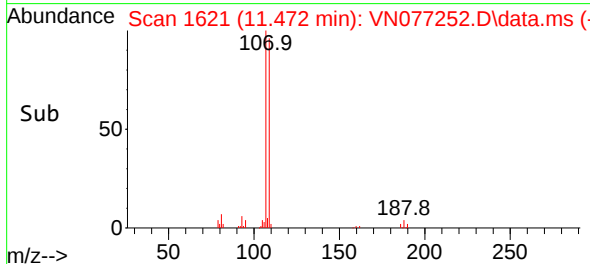
Instrument :
MSVOA_N
ClientSampleId :
VSTDICV050



Tgt Ion:107 Resp: 32132
Ion Ratio Lower Upper
107 100
109 95.3 75.7 113.5

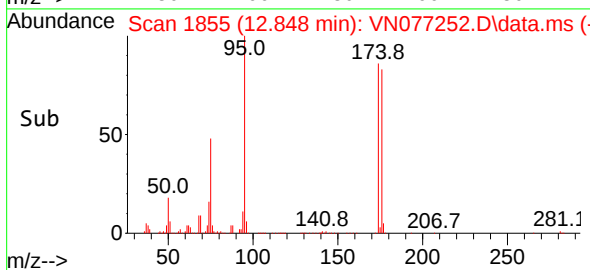
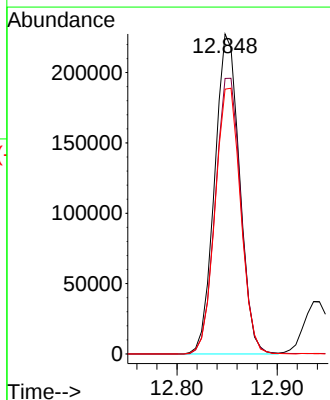
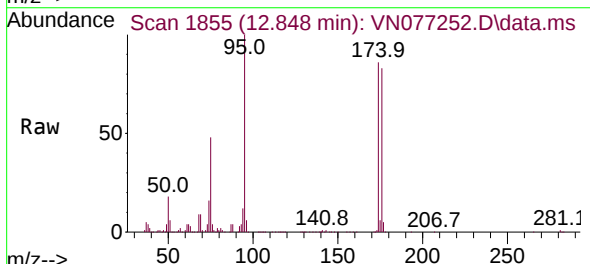
Manual Integrations
APPROVED

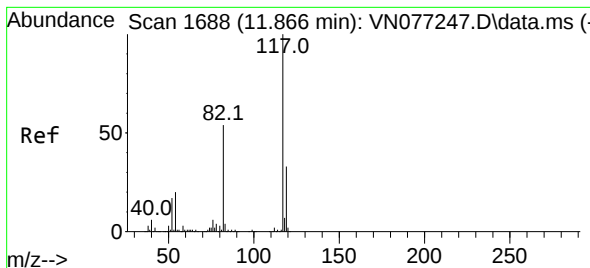
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#62
4-Bromofluorobenzene
Concen: 55.533 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. -0.006 min
Lab File: VN077252.D
Acq: 31 Mar 2023 15:02

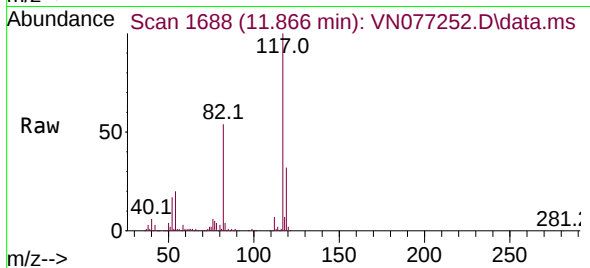
Tgt Ion: 95 Resp: 391693
Ion Ratio Lower Upper
95 100
174 88.3 0.0 179.2
176 85.1 0.0 171.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VN077252.D
Acq: 31 Mar 2023 15:02

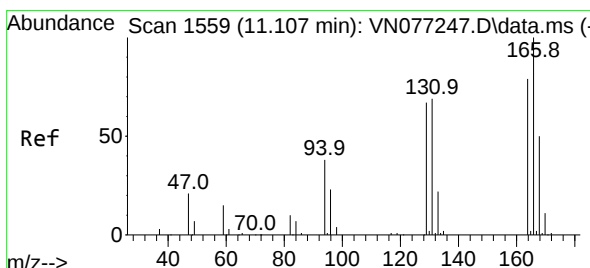
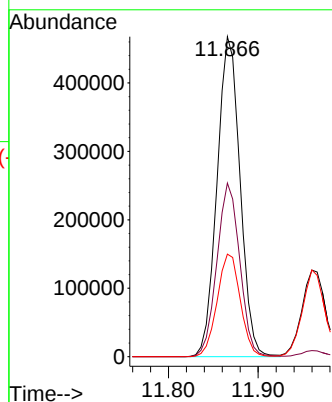
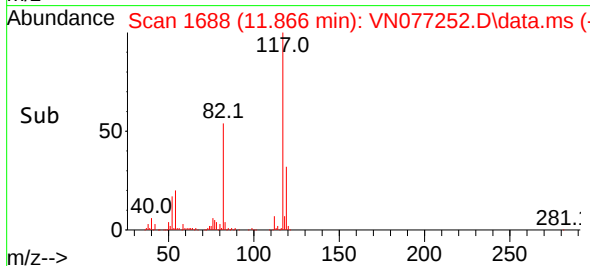
Instrument :
MSVOA_N
ClientSampleId :
VSTDICV050



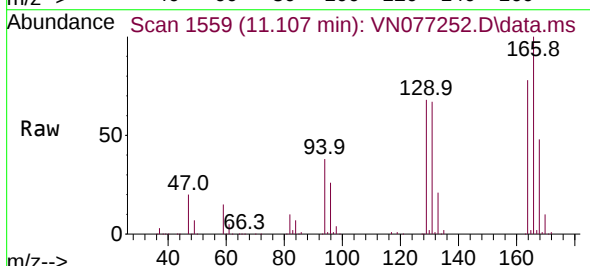
Tgt Ion:117 Resp: 833118
Ion Ratio Lower Upper
117 100
82 54.3 42.9 64.3
119 32.0 25.3 37.9

Manual Integrations
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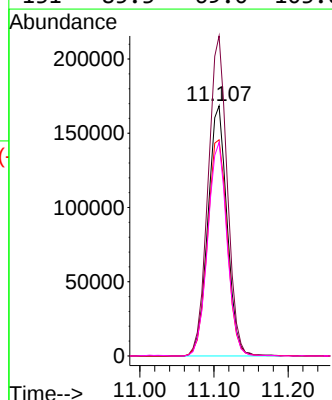
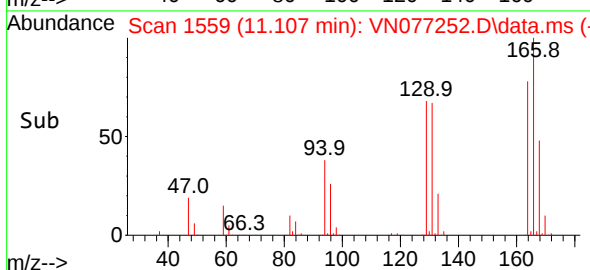
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023

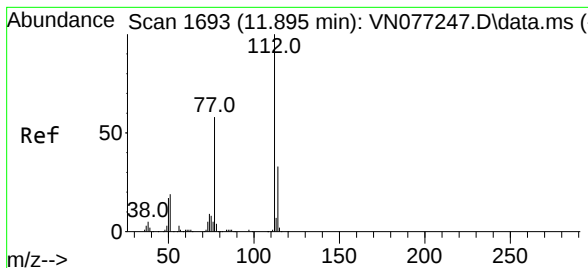


#64
Tetrachloroethene
Concen: 49.650 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN077252.D
Acq: 31 Mar 2023 15:02



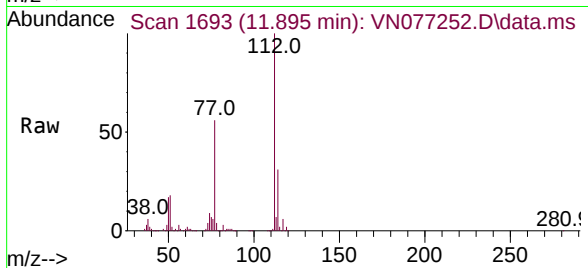
Tgt Ion:164 Resp: 302879
Ion Ratio Lower Upper
164 100
166 128.0 106.0 159.0
129 86.4 72.4 108.6
131 85.3 69.0 103.6





#65
Chlorobenzene
Concen: 49.665 ug/l
RT: 11.895 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VN077252.D
Acq: 31 Mar 2023 15:02

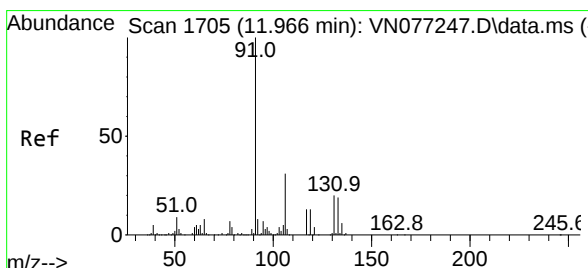
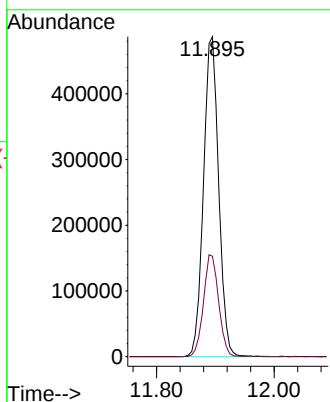
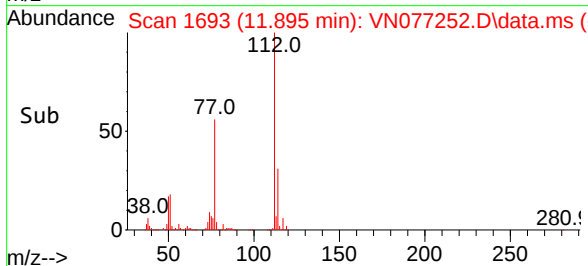
Instrument :
MSVOA_N
ClientSampleId :
VSTDICV050



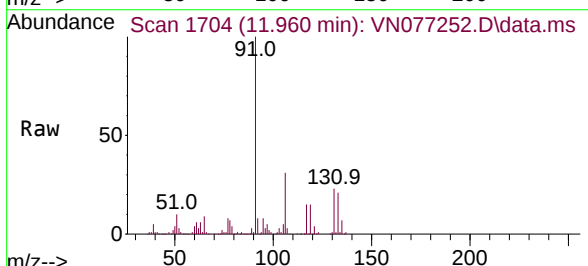
Tgt Ion:112 Resp: 873579
Ion Ratio Lower Upper
112 100
114 31.4 25.9 38.9

Manual Integrations
APPROVED

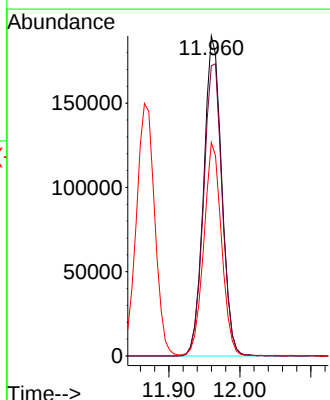
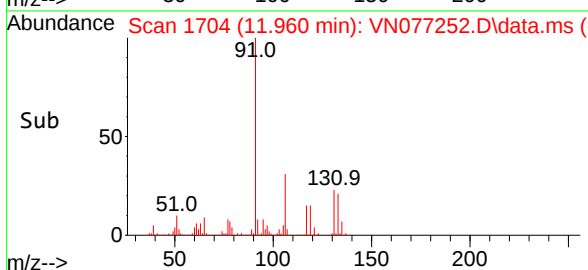
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023

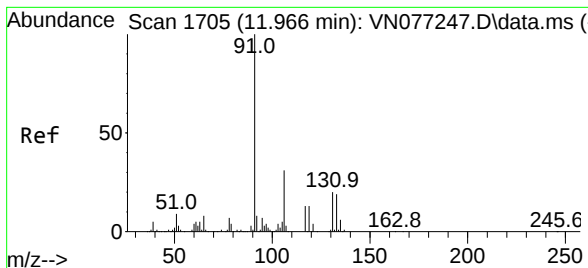


#66
1,1,1,2-Tetrachloroethane
Concen: 49.648 ug/l
RT: 11.960 min Scan# 1704
Delta R.T. -0.006 min
Lab File: VN077252.D
Acq: 31 Mar 2023 15:02



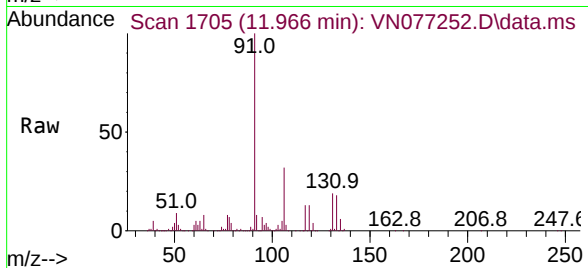
Tgt Ion:131 Resp: 334662
Ion Ratio Lower Upper
131 100
133 94.4 46.5 139.5
119 65.7 32.0 96.2





#67
Ethyl Benzene
Concen: 52.827 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. 0.000 min
Lab File: VN077252.D
Acq: 31 Mar 2023 15:02

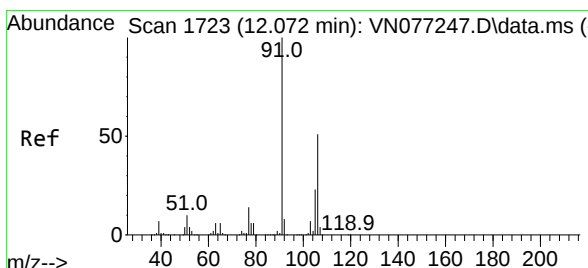
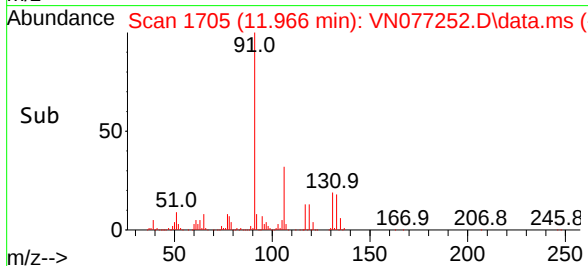
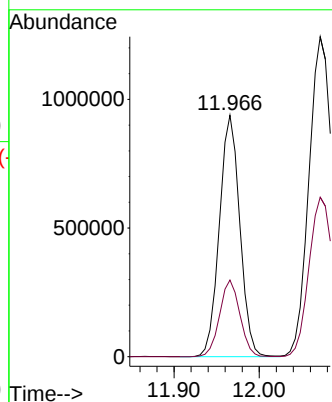
Instrument :
MSVOA_N
ClientSampleId :
VSTDICV050



Tgt Ion: 91 Resp: 1566539
Ion Ratio Lower Upper
91 100
106 31.7 24.3 36.5

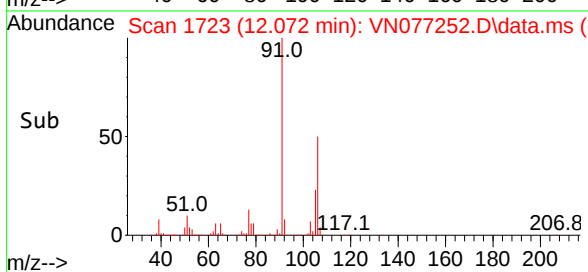
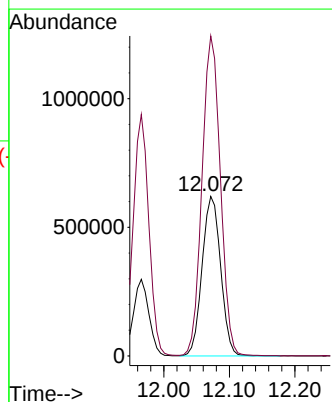
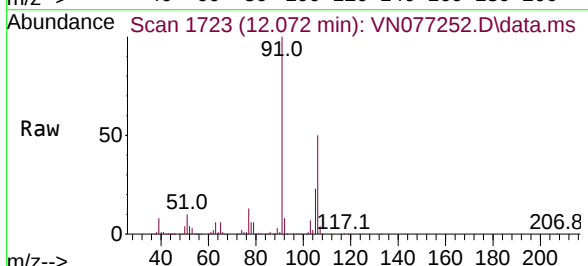
Manual Integrations
APPROVED

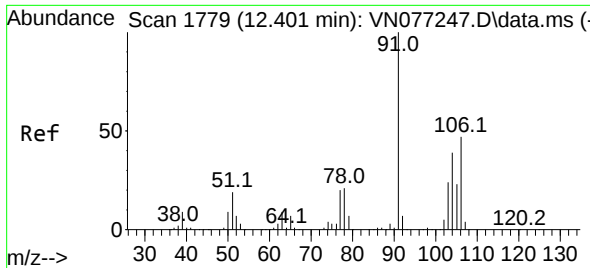
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#68
m/p-Xylenes
Concen: 105.737 ug/l
RT: 12.072 min Scan# 1723
Delta R.T. 0.000 min
Lab File: VN077252.D
Acq: 31 Mar 2023 15:02

Tgt Ion:106 Resp: 1219543
Ion Ratio Lower Upper
106 100
91 199.0 158.6 238.0





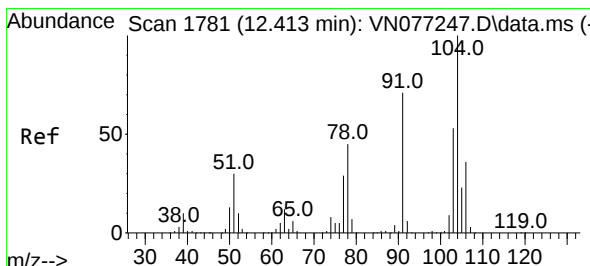
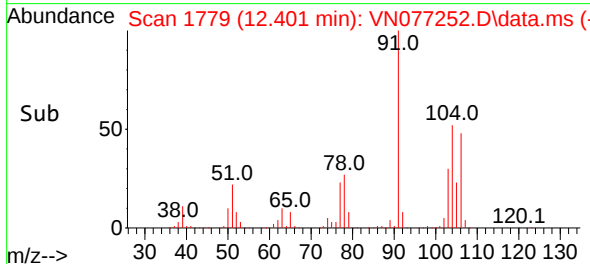
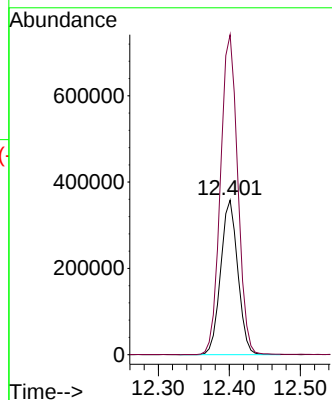
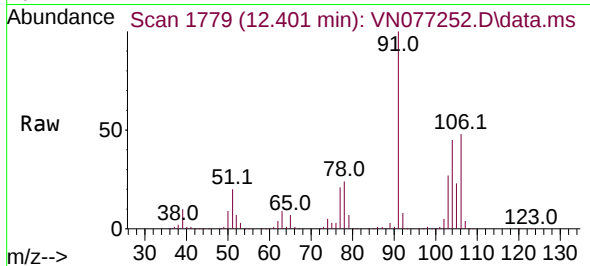
#69
o-Xylene
Concen: 53.758 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN077252.D
Acq: 31 Mar 2023 15:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDICV050

Tgt Ion:106 Resp: 597895
Ion Ratio Lower Upper
106 100
91 209.0 104.7 314.1

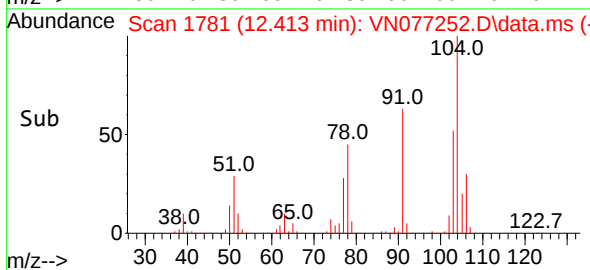
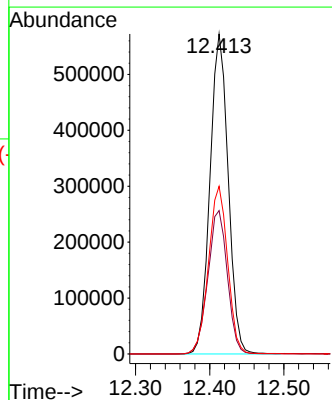
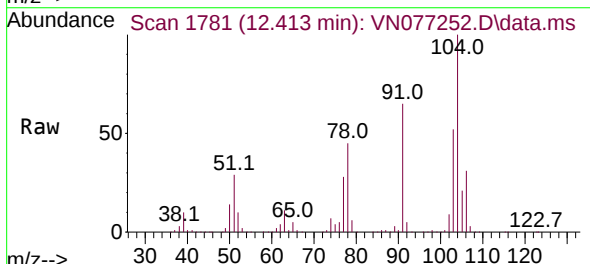
Manual Integrations
APPROVED

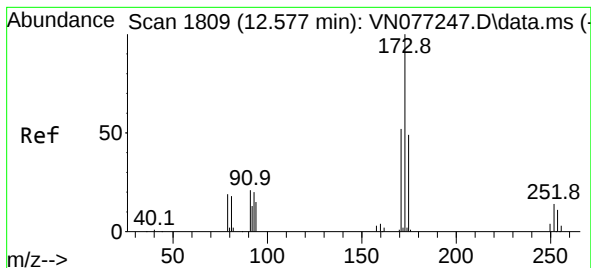
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#70
Styrene
Concen: 55.280 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. 0.000 min
Lab File: VN077252.D
Acq: 31 Mar 2023 15:02

Tgt Ion:104 Resp: 978853
Ion Ratio Lower Upper
104 100
78 47.9 38.7 58.1
103 55.0 44.5 66.7





#71

Bromoform

Concen: 49.999 ug/l

RT: 12.577 min Scan# 1809

Delta R.T. 0.000 min

Lab File: VN077252.D

Acq: 31 Mar 2023 15:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDICV050

Tgt Ion:173 Resp: 264544

Ion Ratio Lower Upper

173 100

175 48.2 24.6 73.8

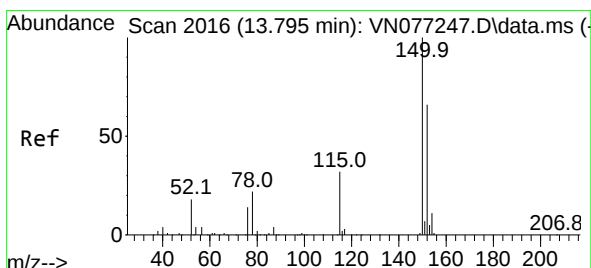
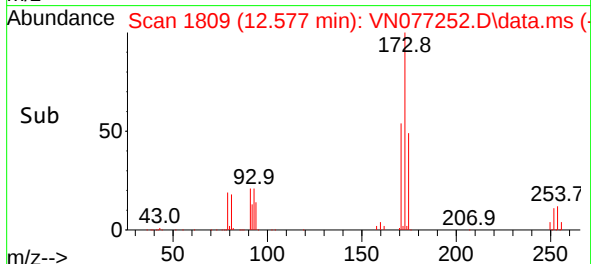
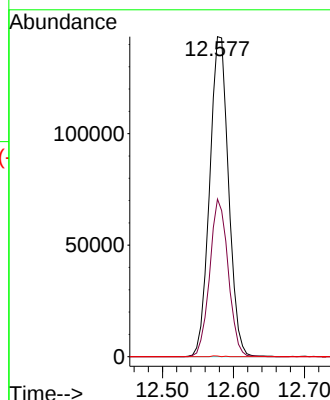
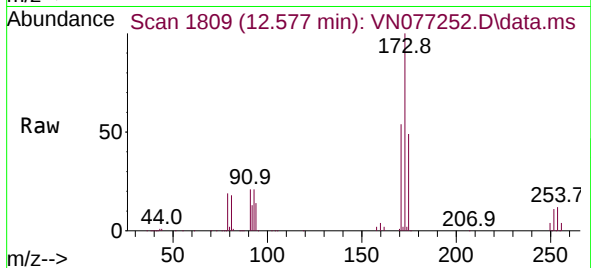
254 0.1 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/03/2023

Supervised By :Mahesh Dadoda 04/03/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.795 min Scan# 2016

Delta R.T. 0.000 min

Lab File: VN077252.D

Acq: 31 Mar 2023 15:02

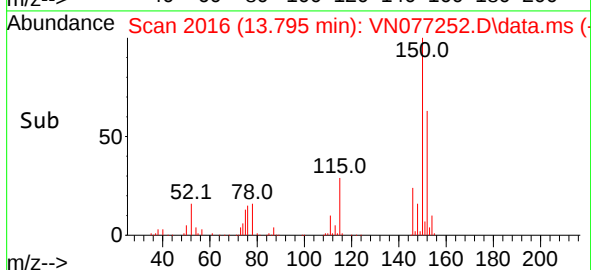
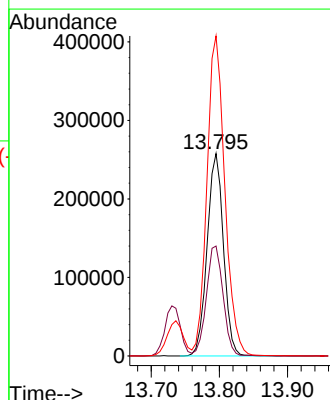
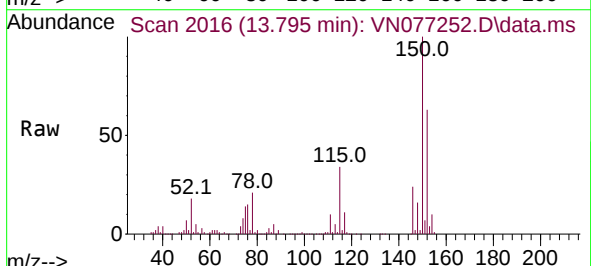
Tgt Ion:152 Resp: 429458

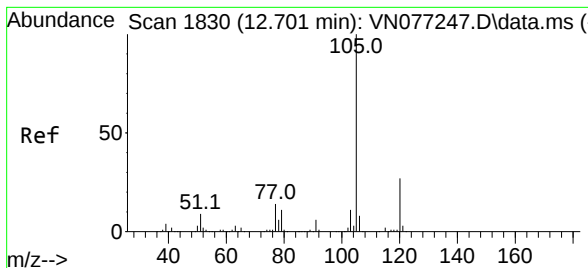
Ion Ratio Lower Upper

152 100

115 55.7 27.9 83.6

150 173.4 0.0 346.4





#73

Isopropylbenzene

Concen: 48.379 ug/l

RT: 12.695 min Scan# 1829

Delta R.T. 0.000 min

Lab File: VN077252.D

Acq: 31 Mar 2023 15:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDICV050

Tgt Ion:105 Resp: 1549310

Ion Ratio Lower Upper

105 100

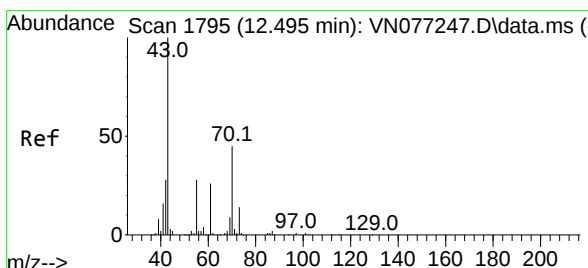
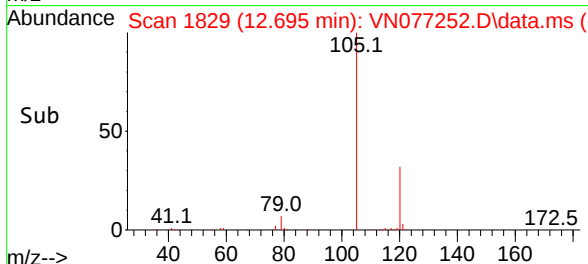
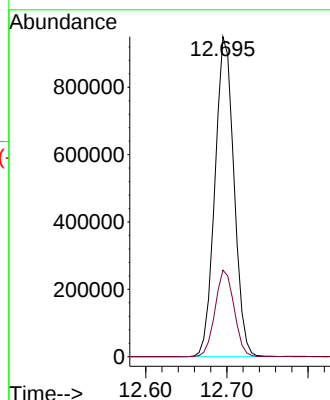
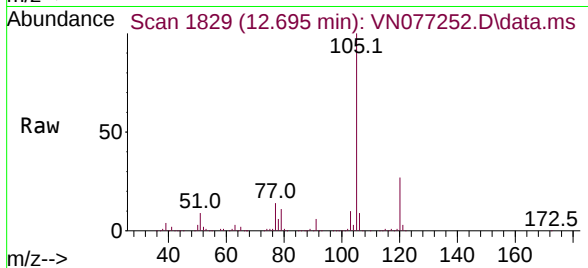
120 27.1 13.7 41.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/03/2023

Supervised By :Mahesh Dadoda 04/03/2023



#74

N-ethyl acetate

Concen: 47.446 ug/l

RT: 12.495 min Scan# 1795

Delta R.T. 0.000 min

Lab File: VN077252.D

Acq: 31 Mar 2023 15:02

Tgt Ion: 43 Resp: 560175

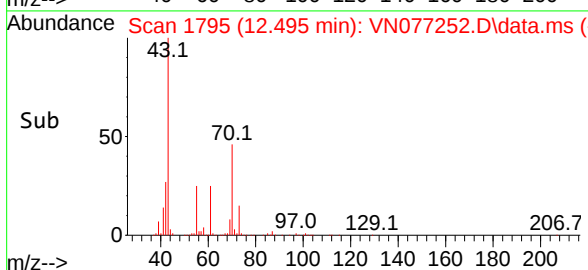
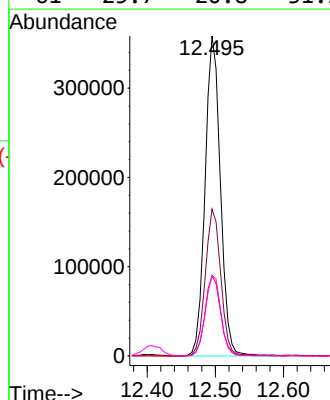
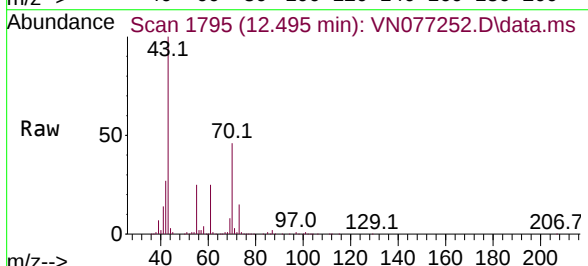
Ion Ratio Lower Upper

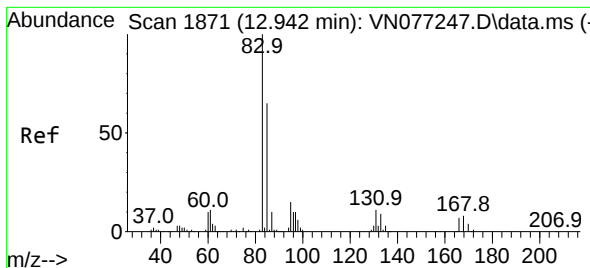
43 100

70 46.5 37.5 56.3

55 25.7 21.4 32.0

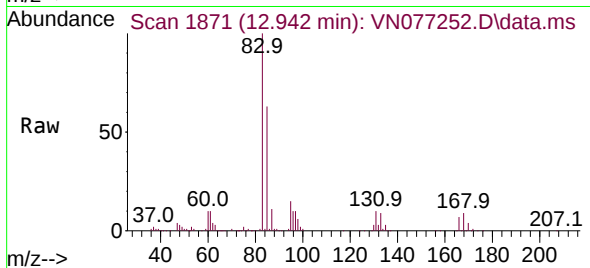
61 25.7 20.8 31.2





#75
1,1,2,2-Tetrachloroethane
Concen: 40.803 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN077252.D
Acq: 31 Mar 2023 15:02

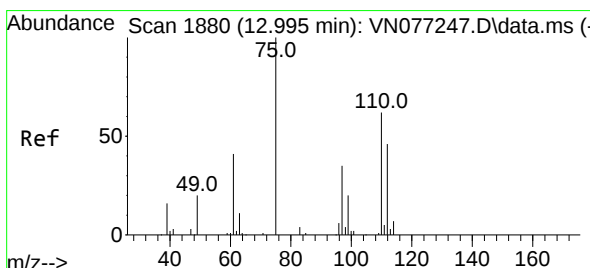
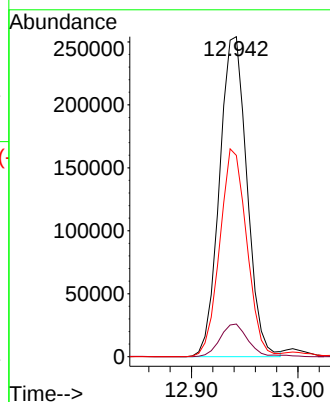
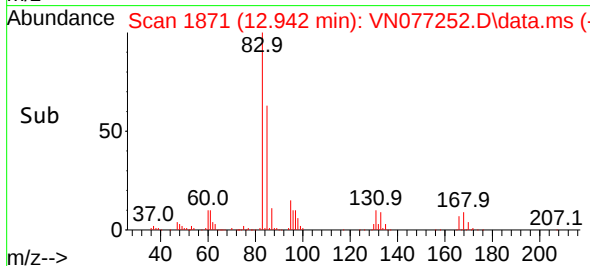
Instrument :
MSVOA_N
ClientSampleId :
VSTDICV050



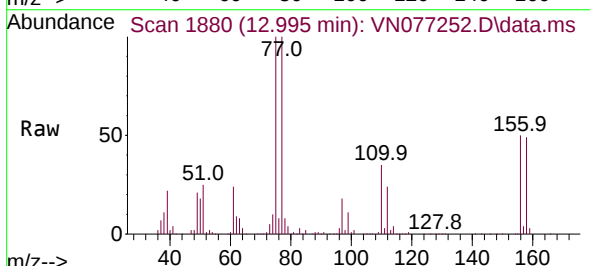
Tgt Ion: 83 Resp: 454444
Ion Ratio Lower Upper
83 100
131 10.5 5.1 15.3
85 64.1 32.3 96.9

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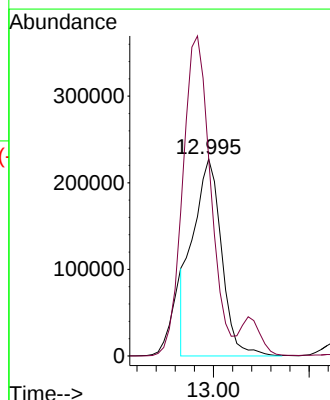
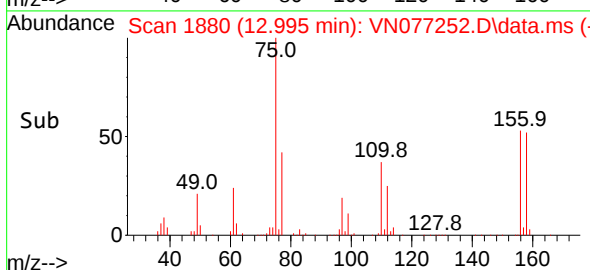
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023

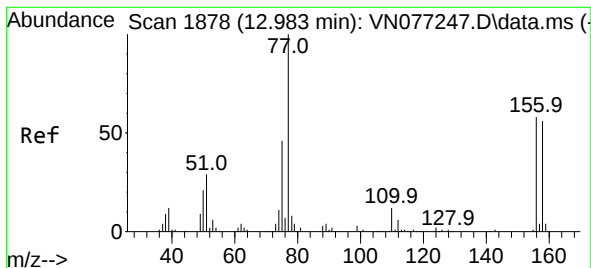


#76
1,2,3-Trichloropropane
Concen: 49.316 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN077252.D
Acq: 31 Mar 2023 15:02



Tgt Ion: 75 Resp: 473356
Ion Ratio Lower Upper
75 100
77 157.2 93.7 280.9





#77

Bromobenzene

Concen: 45.037 ug/l

RT: 12.983 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VN077252.D

Acq: 31 Mar 2023 15:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDICV050

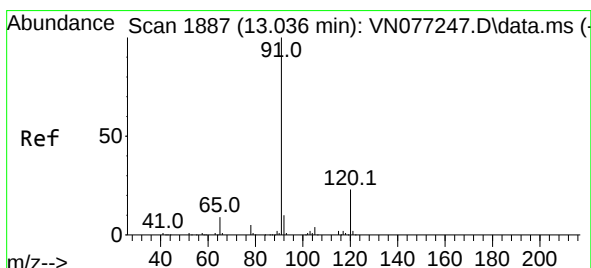
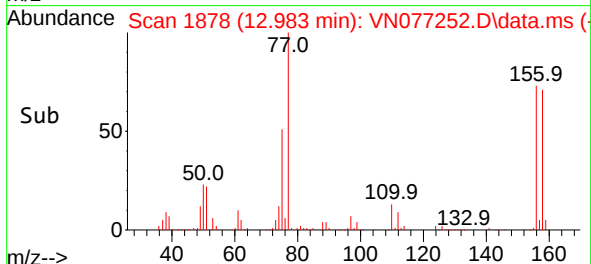
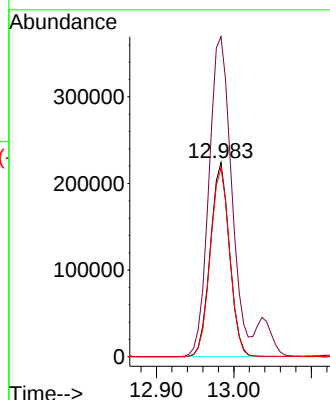
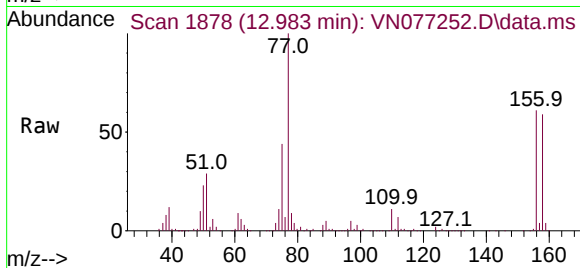
Tgt Ion:156 Resp: 386211
 Ion Ratio Lower Upper
 156 100
 77 192.7 97.0 291.2
 158 97.9 49.1 147.3

Manual Integrations

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Reviewed By :John Carlone 04/03/2023

Supervised By :Mahesh Dadoda 04/03/2023



#78

n-propylbenzene

Concen: 51.382 ug/l

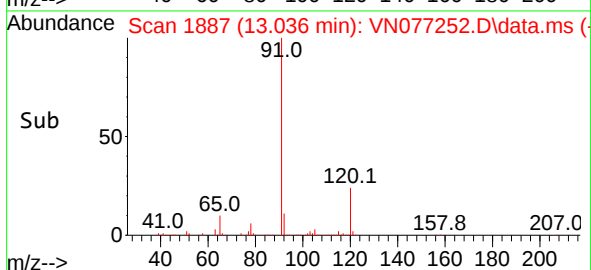
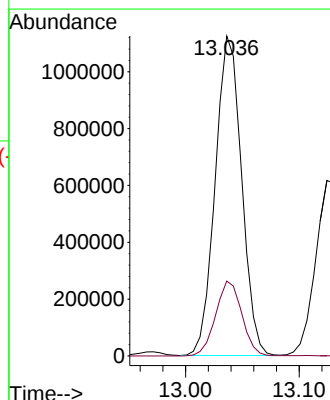
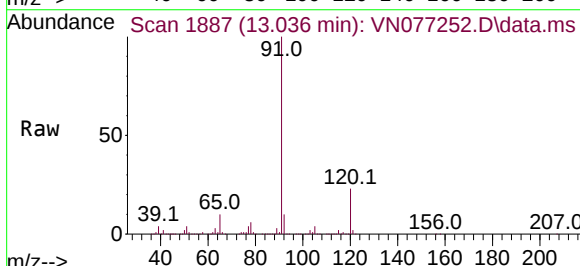
RT: 13.036 min Scan# 1887

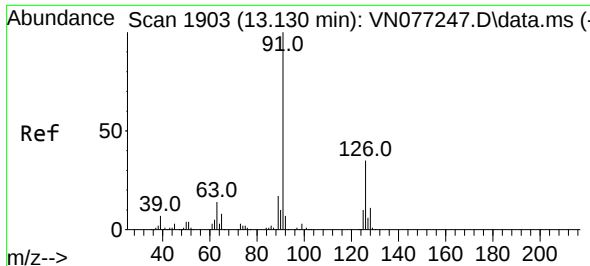
Delta R.T. 0.000 min

Lab File: VN077252.D

Acq: 31 Mar 2023 15:02

Tgt Ion: 91 Resp: 1814638
 Ion Ratio Lower Upper
 91 100
 120 23.3 11.7 35.1





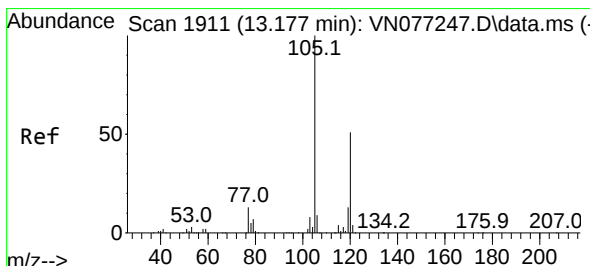
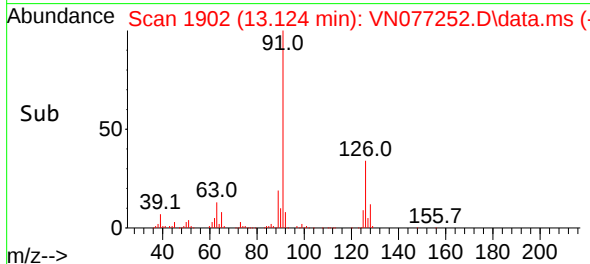
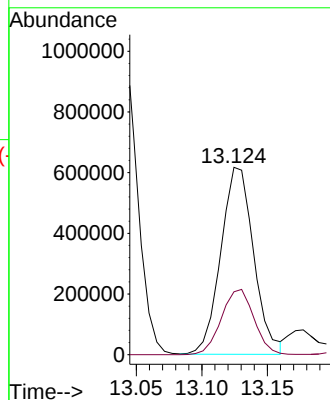
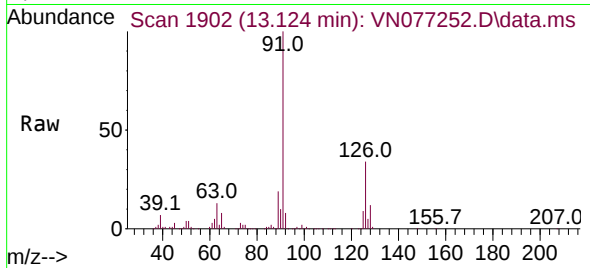
#79
2-Chlorotoluene
Concen: 47.346 ug/l
RT: 13.124 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VN077252.D
Acq: 31 Mar 2023 15:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDICV050

Tgt Ion: 91 Resp: 107554
Ion Ratio Lower Upper
91 100
126 34.7 17.3 51.9

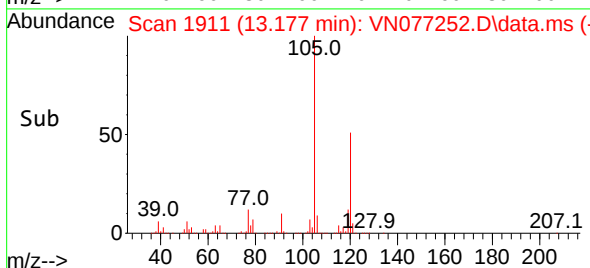
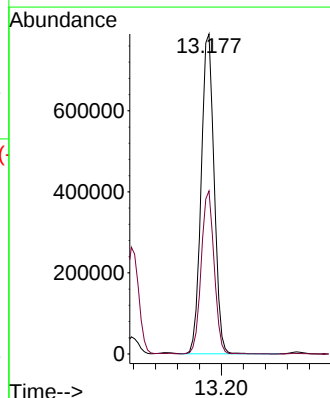
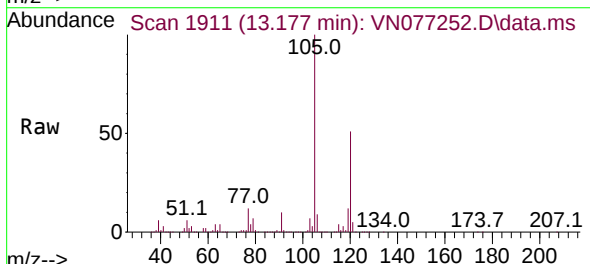
Manual Integrations
APPROVED

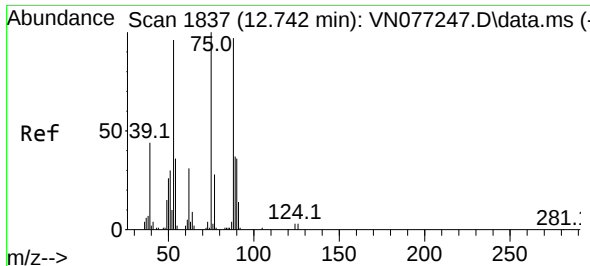
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#80
1,3,5-Trimethylbenzene
Concen: 50.294 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN077252.D
Acq: 31 Mar 2023 15:02

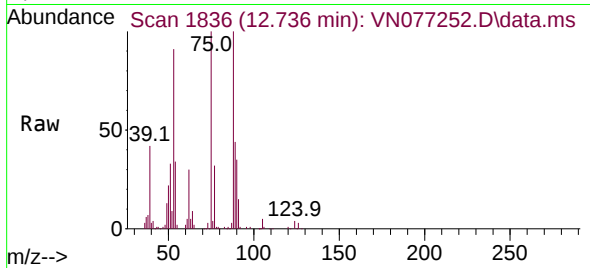
Tgt Ion:105 Resp: 1294679
Ion Ratio Lower Upper
105 100
120 50.9 25.6 76.8





#81
trans-1,4-Dichloro-2-butene
Concen: 42.375 ug/l
RT: 12.736 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN077252.D
Acq: 31 Mar 2023 15:02

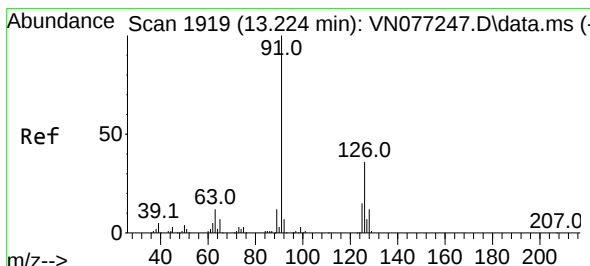
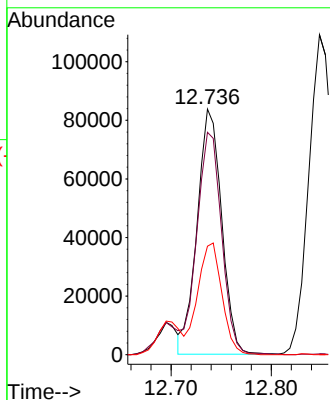
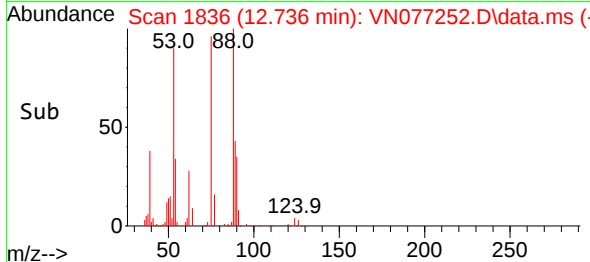
Instrument :
MSVOA_N
ClientSampleId :
VSTDICV050



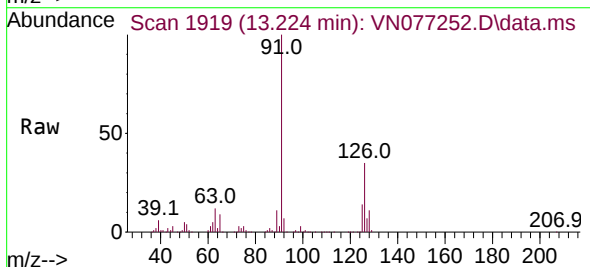
Tgt Ion: 75 Resp: 142259
Ion Ratio Lower Upper
75 100
53 92.3 74.1 111.1
89 44.9 36.3 54.5

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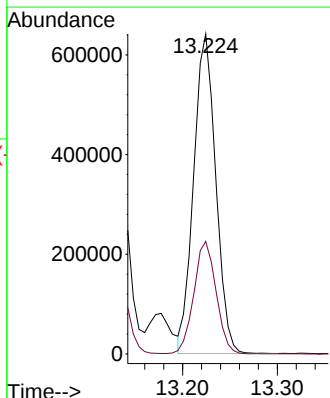
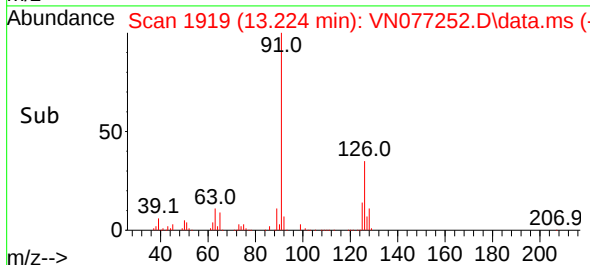
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023

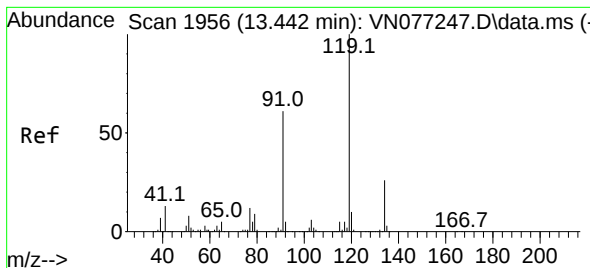


#82
4-Chlorotoluene
Concen: 48.684 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN077252.D
Acq: 31 Mar 2023 15:02



Tgt Ion: 91 Resp: 1039174
Ion Ratio Lower Upper
91 100
126 35.5 17.6 52.8





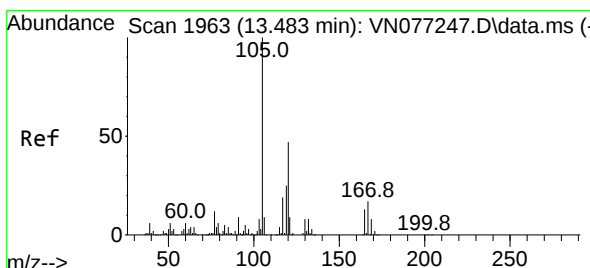
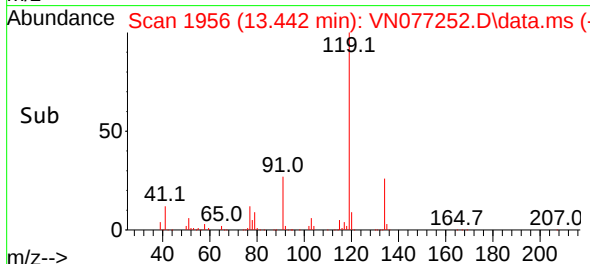
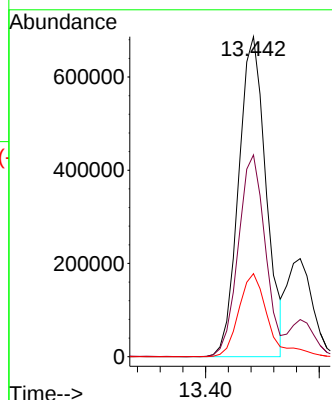
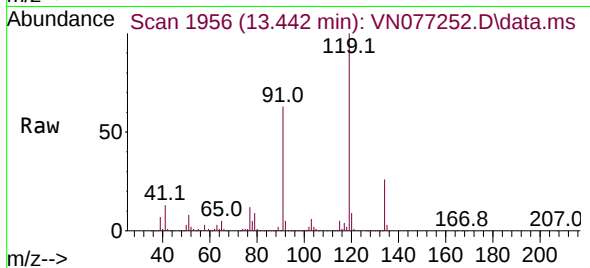
#83
tert-Butylbenzene
Concen: 49.119 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN077252.D
Acq: 31 Mar 2023 15:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDICV050

Tgt Ion:119 Resp: 1152020
Ion Ratio Lower Upper
119 100
91 63.3 31.4 94.0
134 27.7 13.7 41.0

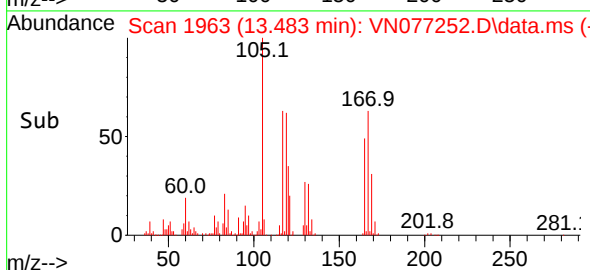
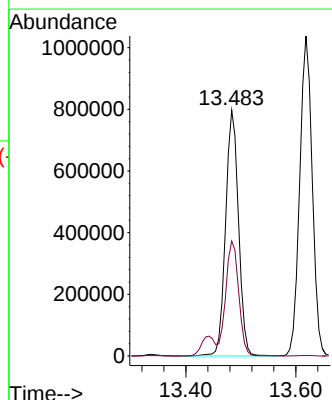
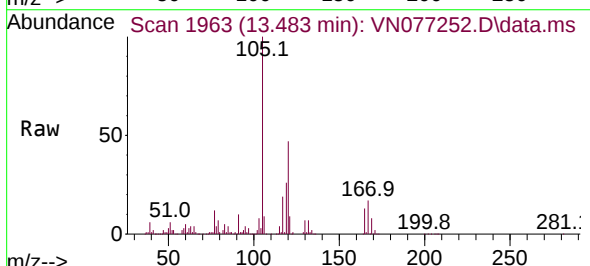
Manual Integrations
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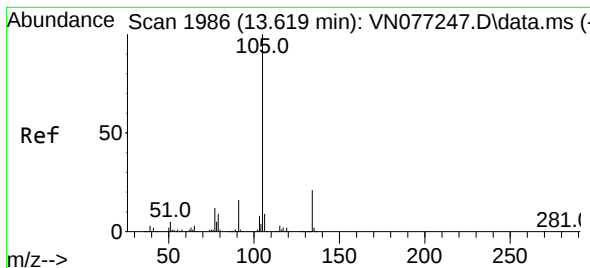
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#84
1,2,4-Trimethylbenzene
Concen: 51.703 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VN077252.D
Acq: 31 Mar 2023 15:02

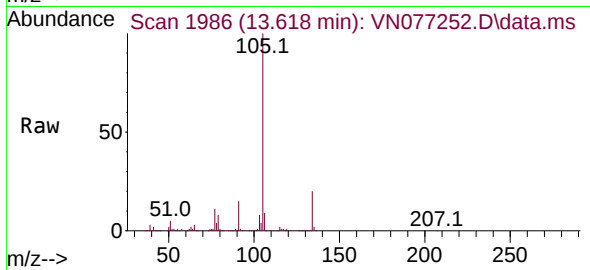
Tgt Ion:105 Resp: 1299781
Ion Ratio Lower Upper
105 100
120 47.1 23.4 70.0





#85
 sec-Butylbenzene
 Concen: 51.763 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN077252.D
 Acq: 31 Mar 2023 15:02

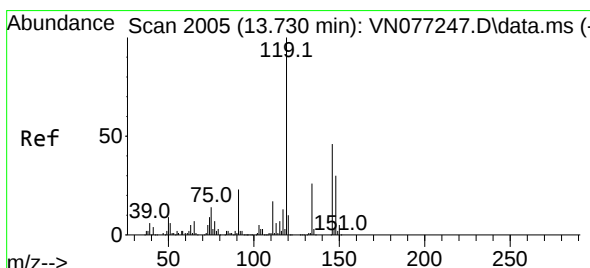
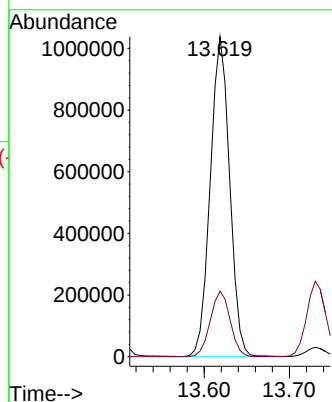
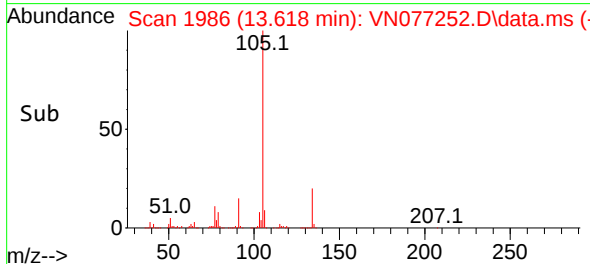
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICV050



Tgt Ion:105 Resp: 163915
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.4 31.2

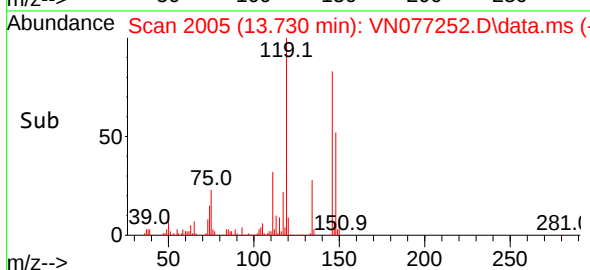
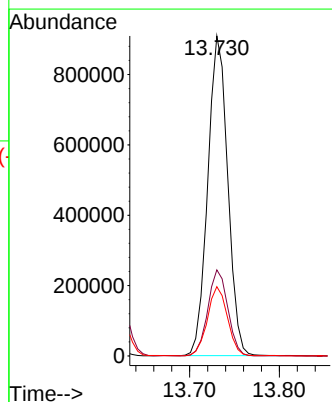
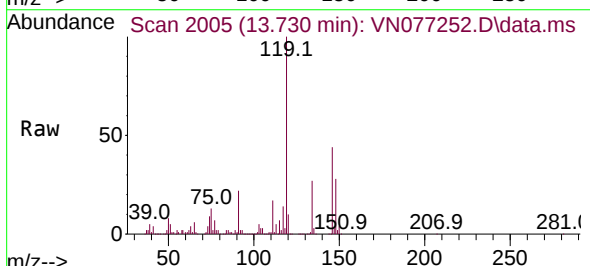
Manual Integrations
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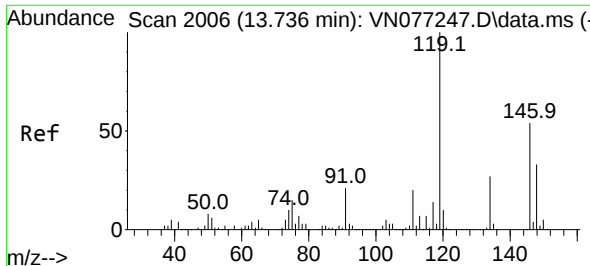
Reviewed By :John Carlone 04/03/2023
 Supervised By :Mahesh Dadoda 04/03/2023



#86
 p-Isopropyltoluene
 Concen: 54.415 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. 0.000 min
 Lab File: VN077252.D
 Acq: 31 Mar 2023 15:02

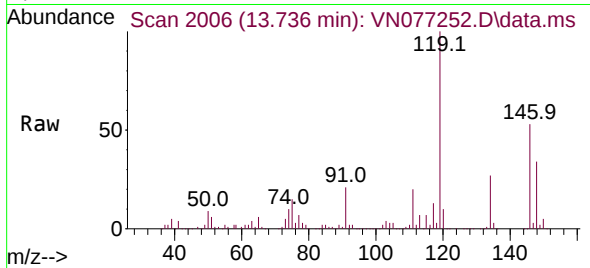
Tgt Ion:119 Resp: 1405398
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.5 40.4
 91 21.6 10.9 32.6





#87
1,3-Dichlorobenzene
Concen: 48.623 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. 0.000 min
Lab File: VN077252.D
Acq: 31 Mar 2023 15:02

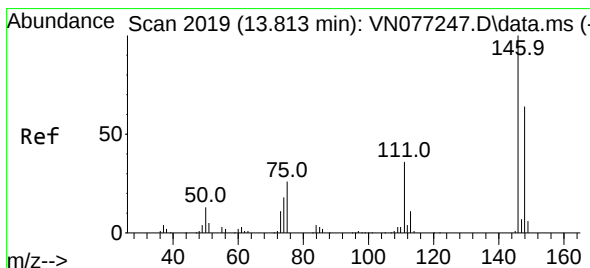
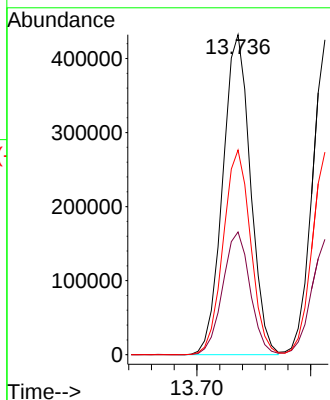
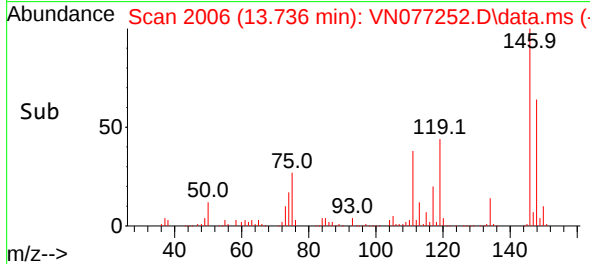
Instrument :
MSVOA_N
ClientSampleId :
VSTDICV050



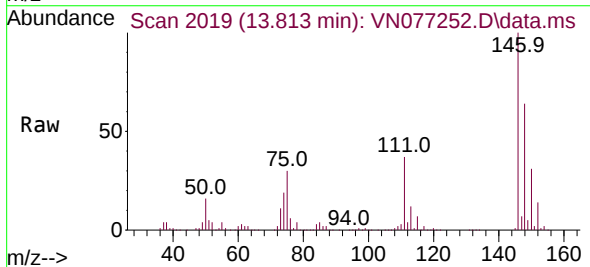
Tgt Ion:146 Resp: 73159
Ion Ratio Lower Upper
146 100
111 37.9 19.1 57.1
148 63.3 31.9 95.9

Manual Integrations
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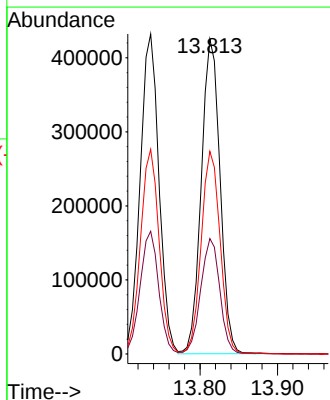
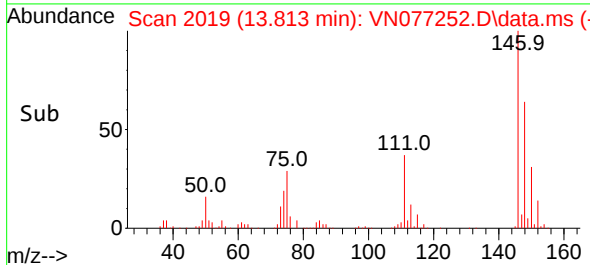
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023

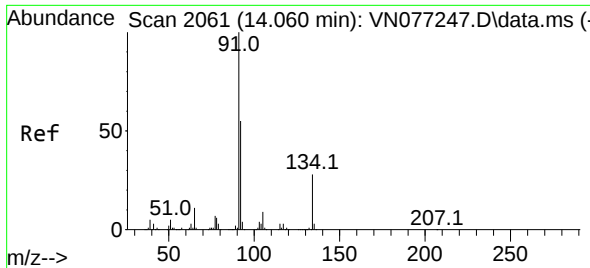


#88
1,4-Dichlorobenzene
Concen: 48.320 ug/l
RT: 13.813 min Scan# 2019
Delta R.T. 0.001 min
Lab File: VN077252.D
Acq: 31 Mar 2023 15:02



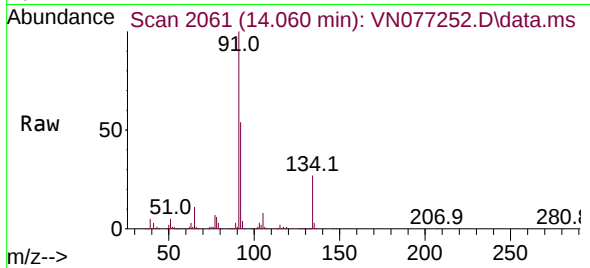
Tgt Ion:146 Resp: 717311
Ion Ratio Lower Upper
146 100
111 37.0 18.6 56.0
148 64.4 31.9 95.5





#89
n-Butylbenzene
Concen: 57.106 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VN077252.D
Acq: 31 Mar 2023 15:02

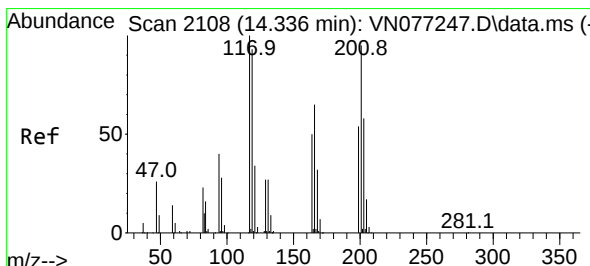
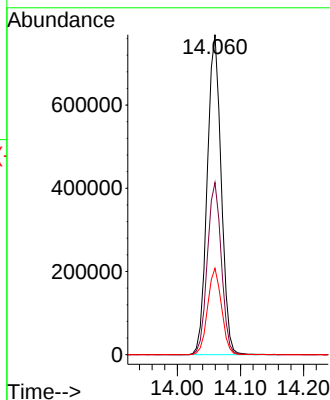
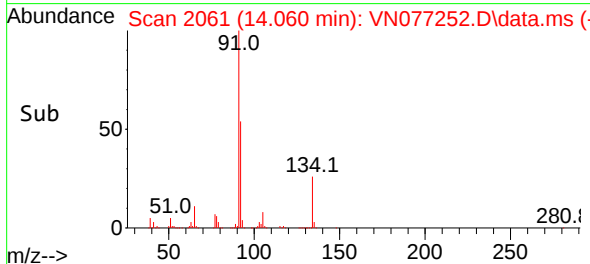
Instrument :
MSVOA_N
ClientSampleId :
VSTDICV050



Tgt Ion: 91 Resp: 1181299
Ion Ratio Lower Upper
91 100
92 54.0 27.0 80.8
134 26.9 13.6 40.7

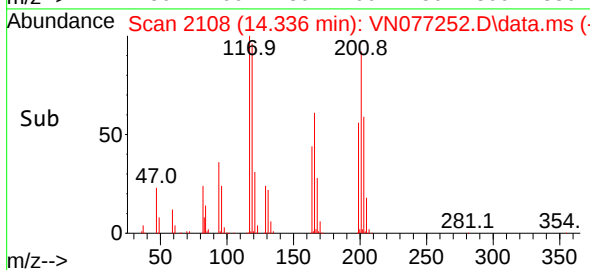
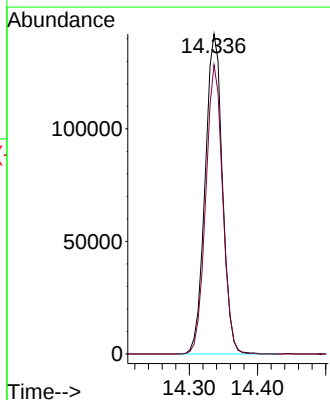
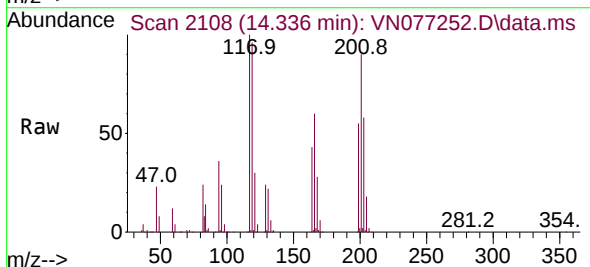
Manual Integrations
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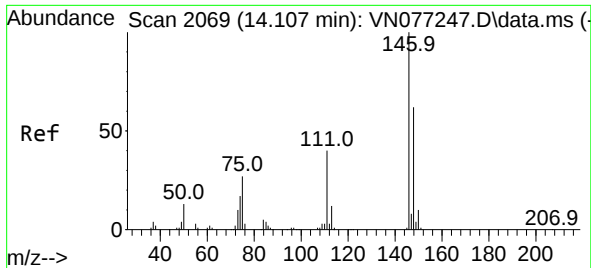
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#90
Hexachloroethane
Concen: 46.590 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VN077252.D
Acq: 31 Mar 2023 15:02

Tgt Ion:117 Resp: 250320
Ion Ratio Lower Upper
117 100
201 88.6 45.1 135.2





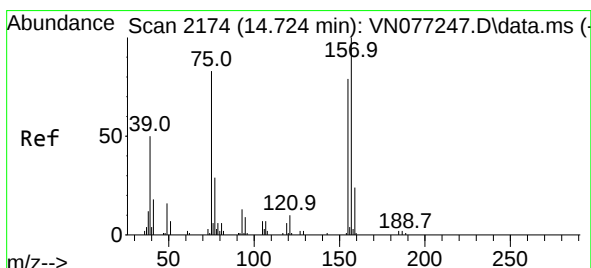
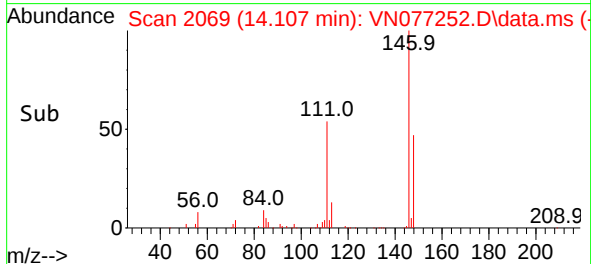
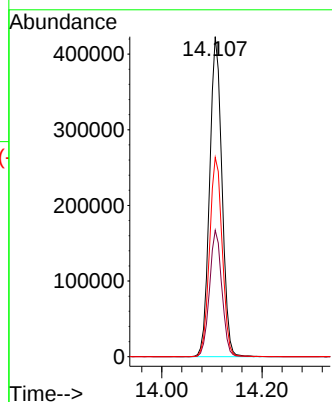
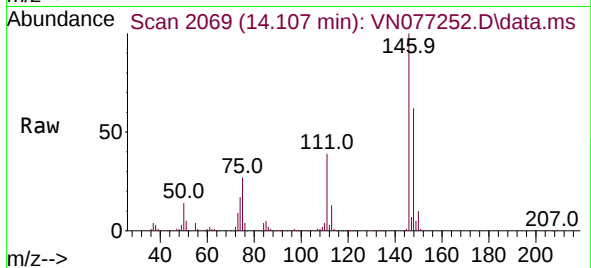
#91
1,2-Dichlorobenzene
Concen: 48.944 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. -0.000 min
Lab File: VN077252.D
Acq: 31 Mar 2023 15:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDICV050

Tgt Ion:146 Resp: 72331
Ion Ratio Lower Upper
146 100
111 39.4 19.6 58.7
148 63.7 31.8 95.4

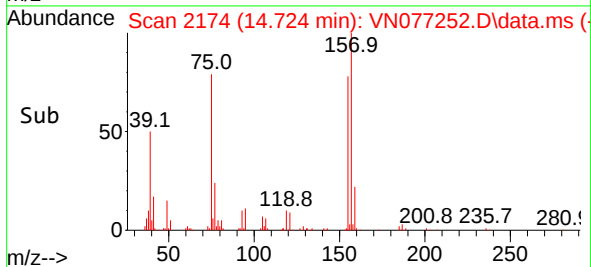
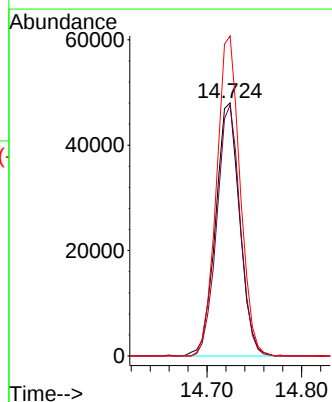
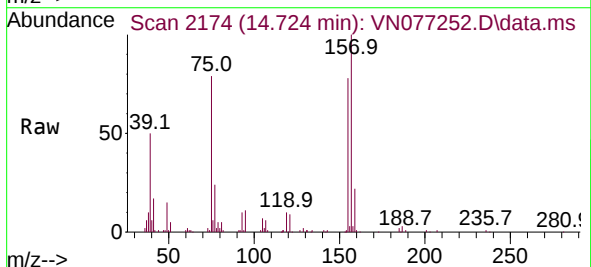
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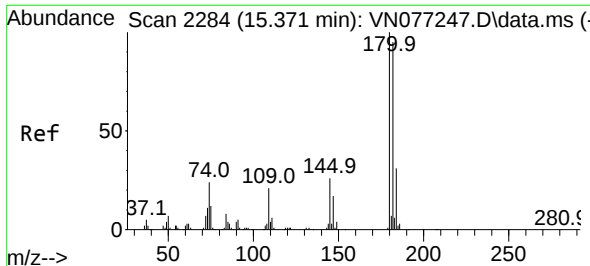
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 45.540 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN077252.D
Acq: 31 Mar 2023 15:02

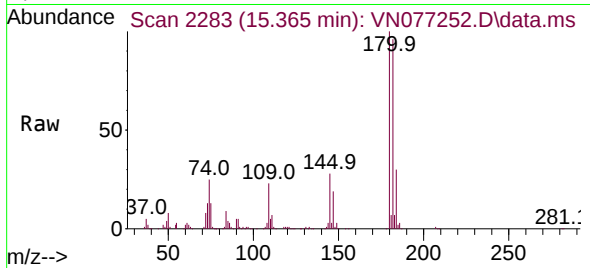
Tgt Ion: 75 Resp: 84732
Ion Ratio Lower Upper
75 100
155 95.9 48.1 144.3
157 124.1 62.2 186.5





#93
1,2,4-Trichlorobenzene
Concen: 54.899 ug/l
RT: 15.365 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN077252.D
Acq: 31 Mar 2023 15:02

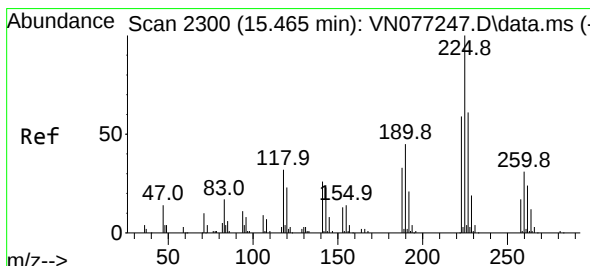
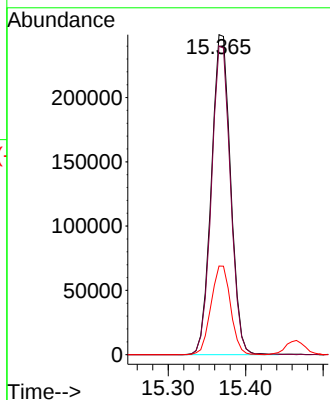
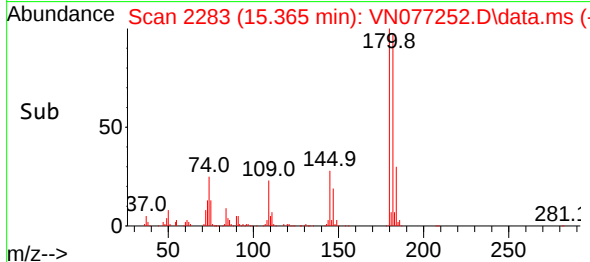
Instrument :
MSVOA_N
ClientSampleId :
VSTDICV050



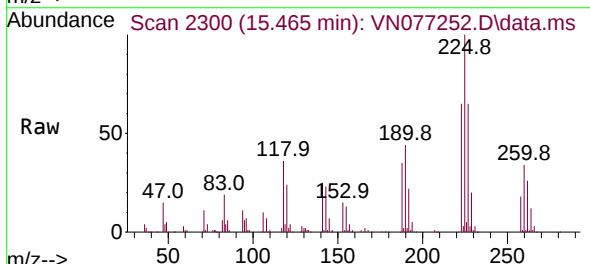
Tgt Ion:180 Resp: 429235
Ion Ratio Lower Upper
180 100
182 95.5 47.9 143.8
145 28.2 13.9 41.6

Manual Integrations
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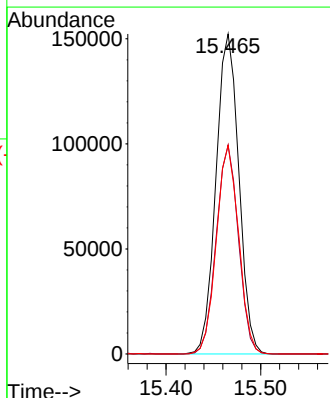
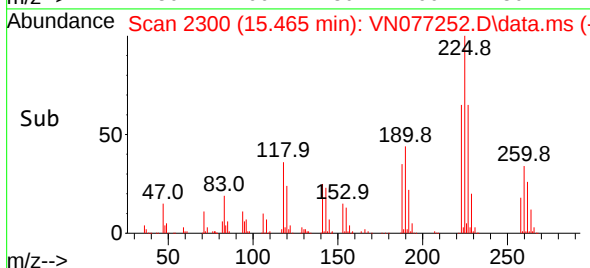
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023

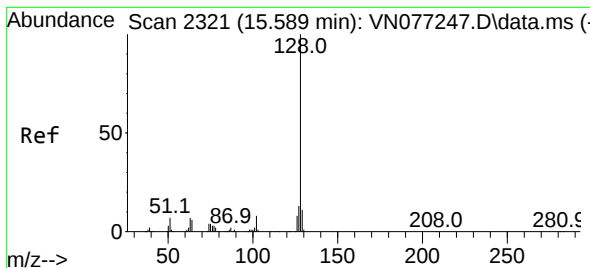


#94
Hexachlorobutadiene
Concen: 51.917 ug/l
RT: 15.465 min Scan# 2300
Delta R.T. 0.000 min
Lab File: VN077252.D
Acq: 31 Mar 2023 15:02



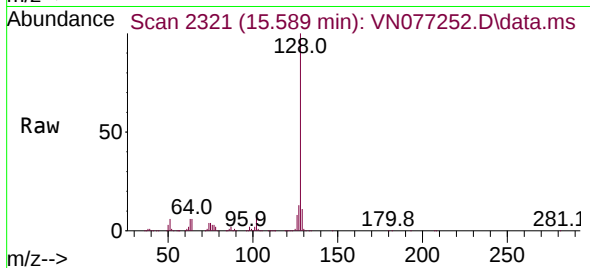
Tgt Ion:225 Resp: 255402
Ion Ratio Lower Upper
225 100
223 63.3 31.1 93.2
227 63.5 32.3 96.8





#95
Naphthalene
Concen: 49.036 ug/l
RT: 15.589 min Scan# 2100
Delta R.T. -0.000 min
Lab File: VN077252.D
Acq: 31 Mar 2023 15:02

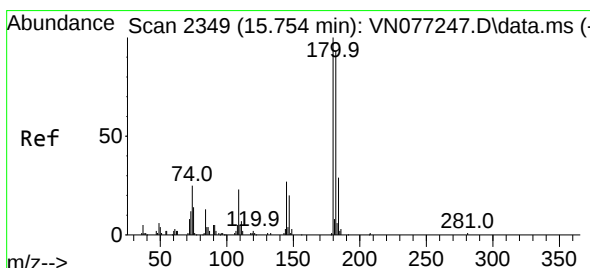
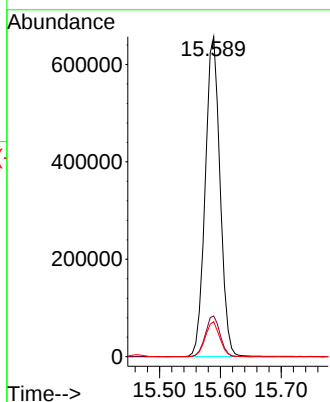
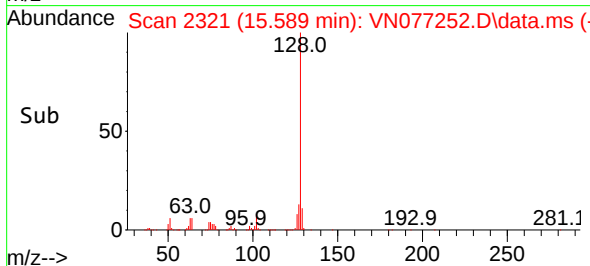
Instrument :
MSVOA_N
ClientSampleId :
VSTDICV050



Tgt Ion:128 Resp: 1107374
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.2
129 10.8 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#96
1,2,3-Trichlorobenzene
Concen: 53.202 ug/l
RT: 15.760 min Scan# 2350
Delta R.T. 0.006 min
Lab File: VN077252.D
Acq: 31 Mar 2023 15:02

Tgt Ion:180 Resp: 401631
Ion Ratio Lower Upper
180 100
182 97.8 47.9 143.8
145 30.0 14.8 44.3

