

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050423\
 Data File : VN077576.D
 Acq On : 04 May 2023 09:39
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/05/2023
 Supervised By : Mahesh Dadoda 05/05/2023

Quant Time: May 05 04:09:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042423W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:50:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	677847	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.101	114	1323532	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	1183422	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	505809	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	455158	51.459	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.920%			
35) Dibromofluoromethane	8.172	113	405382	50.959	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.920%			
50) Toluene-d8	10.566	98	1574864	51.655	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.300%			
62) 4-Bromofluorobenzene	12.848	95	554343	55.573	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 111.140%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.137	85	381896	44.171	ug/l	100
3) Chloromethane	2.372	50	287230	42.272	ug/l	96
4) Vinyl Chloride	2.525	62	405055	44.750	ug/l	99
5) Bromomethane	2.948	94	336926	42.971	ug/l	98
6) Chloroethane	3.125	64	305029	44.356	ug/l	100
7) Trichlorofluoromethane	3.507	101	656569	49.351	ug/l	94
8) Diethyl Ether	3.972	74	238053	49.241	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.378	101	376753	48.693	ug/l	98
10) Methyl Iodide	4.601	142	455878	47.958	ug/l	98
11) Tert butyl alcohol	5.525	59	304566	214.490	ug/l	99
12) 1,1-Dichloroethene	4.348	96	366920	48.505	ug/l	95
13) Acrolein	4.184	56	295032	208.864	ug/l	95
14) Allyl chloride	5.031	41	353405	42.021	ug/l #	89
15) Acrylonitrile	5.725	53	798299	247.823	ug/l	99
16) Acetone	4.437	43	565515	200.965	ug/l	97
17) Carbon Disulfide	4.725	76	773502	40.241	ug/l	99
18) Methyl Acetate	5.031	43	536056	49.330	ug/l	98
19) Methyl tert-butyl Ether	5.801	73	1311689	52.140	ug/l	99
20) Methylene Chloride	5.284	84	422783	47.376	ug/l	99
21) trans-1,2-Dichloroethene	5.795	96	391707	47.887	ug/l	93
22) Diisopropyl ether	6.678	45	943862	48.900	ug/l	99
23) Vinyl Acetate	6.607	43	3259913m	270.432	ug/l	
24) 1,1-Dichloroethane	6.572	63	698133	51.096	ug/l	97
25) 2-Butanone	7.489	43	903653	226.412	ug/l	98
26) 2,2-Dichloropropane	7.495	77	503715	38.022	ug/l	96
27) cis-1,2-Dichloroethene	7.489	96	501366	51.754	ug/l	95
28) Bromochloromethane	7.819	49	264776	50.747	ug/l	90
29) Tetrahydrofuran	7.842	42	582696	233.014	ug/l	95
30) Chloroform	7.966	83	825957	53.640	ug/l	93
31) Cyclohexane	8.260	56	539727	43.075	ug/l	94
32) 1,1,1-Trichloroethane	8.172	97	760128	53.695	ug/l	97
36) 1,1-Dichloropropene	8.372	75	563462	49.028	ug/l	100
37) Ethyl Acetate	7.566	43	374160	42.844	ug/l	98
38) Carbon Tetrachloride	8.366	117	636982	50.234	ug/l	97
39) Methylcyclohexane	9.601	83	712891	47.081	ug/l	97
40) Benzene	8.607	78	1738974	49.669	ug/l	100

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	204055	44.862	ug/l	93
42) 1,2-Dichloroethane	8.672	62	587216	48.832	ug/l	98
43) Isopropyl Acetate	8.689	43	702046	46.468	ug/l	97
44) Trichloroethene	9.354	130	443170	49.437	ug/l	98
45) 1,2-Dichloropropane	9.624	63	402483	49.076	ug/l	98
46) Dibromomethane	9.713	93	329656	49.538	ug/l	97
47) Bromodichloromethane	9.889	83	678794	52.734	ug/l	100
48) Methyl methacrylate	9.683	41	300760	43.733	ug/l	92
49) 1,4-Dioxane	9.695	88	160265	929.060	ug/l	98
51) 4-Methyl-2-Pentanone	10.442	43	1990151	224.579	ug/l	97
52) Toluene	10.630	92	1191893	51.966	ug/l	100
53) t-1,3-Dichloropropene	10.836	75	652783	50.082	ug/l	99
54) cis-1,3-Dichloropropene	10.313	75	712085	50.191	ug/l	93
55) 1,1,2-Trichloroethane	11.019	97	475839	51.592	ug/l	97
56) Ethyl methacrylate	10.877	69	659973	51.067	ug/l	92
57) 1,3-Dichloropropane	11.166	76	759142	51.673	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.160	63	998613	228.449	ug/l	97
59) 2-Hexanone	11.195	43	1423199	220.943	ug/l	95
60) Dibromochloromethane	11.360	129	511586	53.446	ug/l	100
61) 1,2-Dibromoethane	11.471	107	480918	51.073	ug/l	99
64) Tetrachloroethene	11.107	164	355283	50.152	ug/l	97
65) Chlorobenzene	11.895	112	1264217	50.484	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.960	131	465989	51.146	ug/l	98
67) Ethyl Benzene	11.966	91	2260033	51.267	ug/l	99
68) m/p-Xylenes	12.071	106	1787631	104.336	ug/l	99
69) o-Xylene	12.401	106	889650	52.790	ug/l	99
70) Styrene	12.413	104	1442597	54.736	ug/l	99
71) Bromoform	12.583	173	322955	54.180	ug/l #	100
73) Isopropylbenzene	12.695	105	2338987	49.833	ug/l	99
74) N-amyl acetate	12.495	43	589622	42.431	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.942	83	676583	45.877	ug/l	99
76) 1,2,3-Trichloropropane	12.995	75	554933m	47.180	ug/l	
77) Bromobenzene	12.983	156	491284	48.026	ug/l	97
78) n-propylbenzene	13.036	91	2620594	50.495	ug/l	100
79) 2-Chlorotoluene	13.130	91	1591568	49.740	ug/l	99
80) 1,3,5-Trimethylbenzene	13.177	105	1928603	55.329	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.736	75	175952	42.262	ug/l	97
82) 4-Chlorotoluene	13.224	91	1528434	51.118	ug/l	99
83) tert-Butylbenzene	13.442	119	1707787	50.451	ug/l	100
84) 1,2,4-Trimethylbenzene	13.483	105	1879525	57.737	ug/l	100
85) sec-Butylbenzene	13.618	105	2422501	52.139	ug/l	100
86) p-Isopropyltoluene	13.730	119	1939435	54.252	ug/l	100
87) 1,3-Dichlorobenzene	13.736	146	910921	50.072	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	896382	49.902	ug/l	99
89) n-Butylbenzene	14.059	91	1571745	56.812	ug/l	100
90) Hexachloroethane	14.336	117	387612	49.078	ug/l	98
91) 1,2-Dichlorobenzene	14.107	146	912224	50.556	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.724	75	123582	45.315	ug/l	97
93) 1,2,4-Trichlorobenzene	15.395	180	288557	49.833	ug/l	96
94) Hexachlorobutadiene	15.501	225	182923	50.168	ug/l	99
95) Naphthalene	15.642	128	1131411	50.918	ug/l	100
96) 1,2,3-Trichlorobenzene	15.842	180	266409	49.352	ug/l	96

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VSTDCCC050

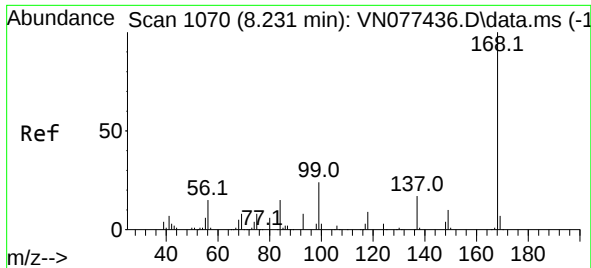
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 05/05/2023

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042423W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 25 02:50:59 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



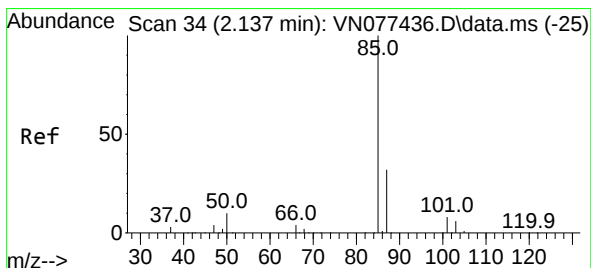
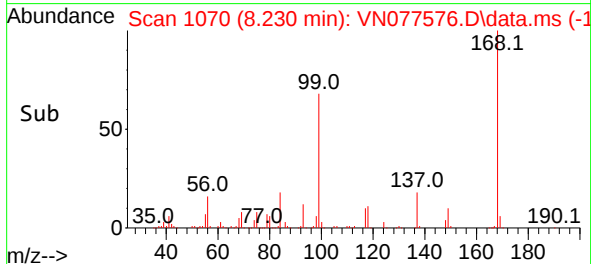
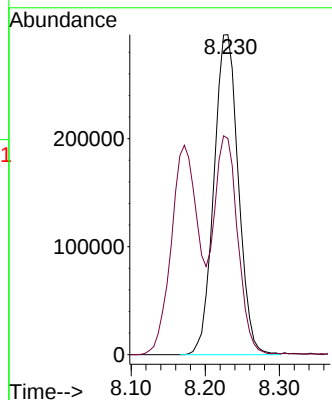
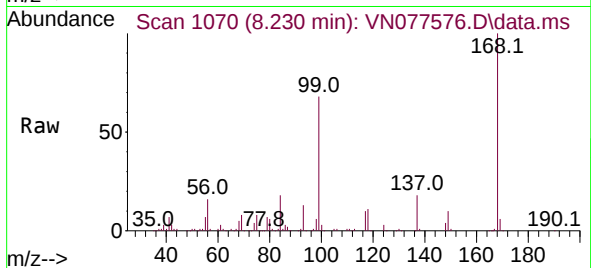
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1070
Delta R.T. -0.001 min
Lab File: VN077576.D
Acq: 04 May 2023 09:39

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ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 67784
Ion Ratio Lower Upper
168 100
99 67.2 53.0 79.6

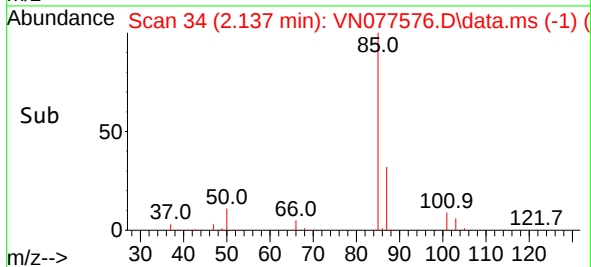
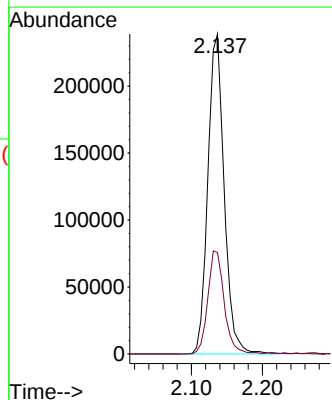
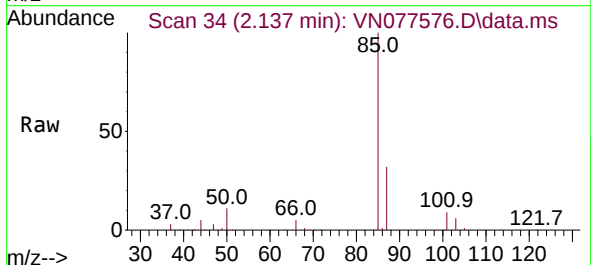
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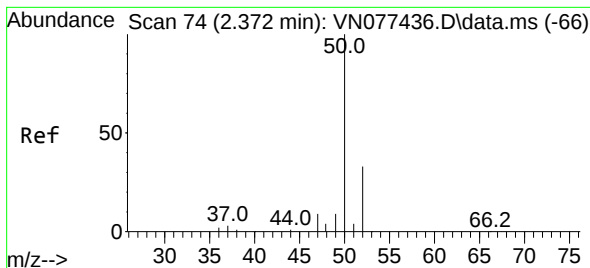
Reviewed By :John Carlone 05/05/2023
Supervised By :Mahesh Dadoda 05/05/2023



#2
Dichlorodifluoromethane
Concen: 44.171 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN077576.D
Acq: 04 May 2023 09:39

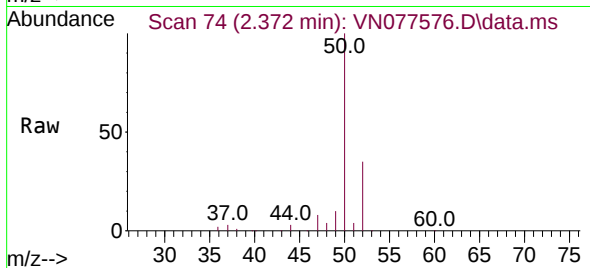
Tgt Ion: 85 Resp: 381896
Ion Ratio Lower Upper
85 100
87 31.7 15.8 47.4





#3
Chloromethane
Concen: 42.272 ug/l
RT: 2.372 min Scan# 74
Delta R.T. -0.000 min
Lab File: VN077576.D
Acq: 04 May 2023 09:39

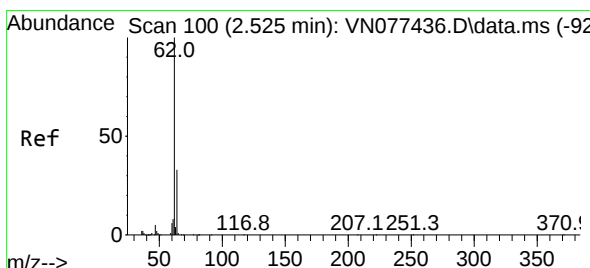
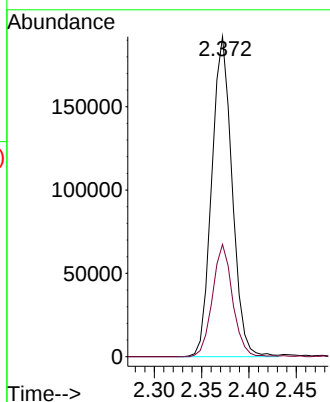
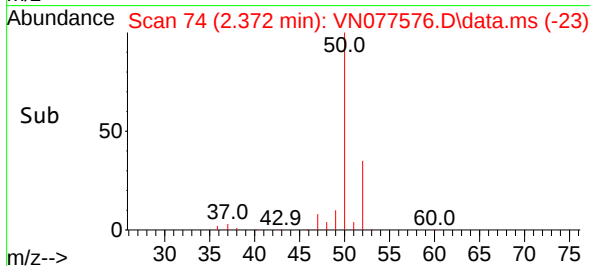
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



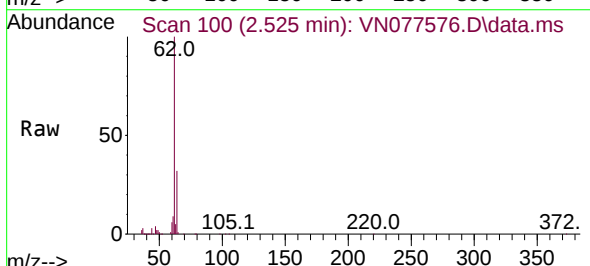
Tgt Ion: 50 Resp: 287230
Ion Ratio Lower Upper
50 100
52 35.1 26.5 39.7

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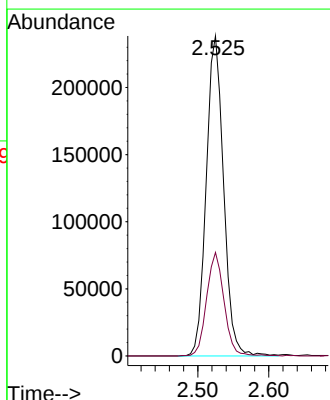
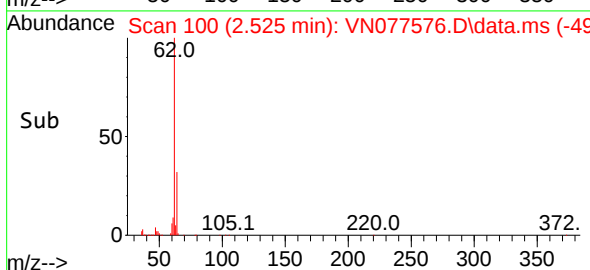
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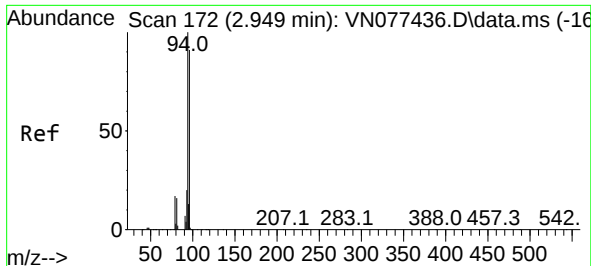


#4
Vinyl Chloride
Concen: 44.750 ug/l
RT: 2.525 min Scan# 100
Delta R.T. -0.000 min
Lab File: VN077576.D
Acq: 04 May 2023 09:39



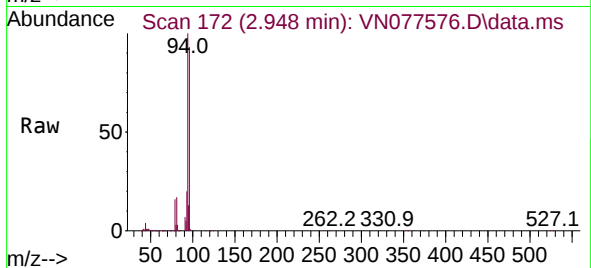
Tgt Ion: 62 Resp: 405055
Ion Ratio Lower Upper
62 100
64 32.4 26.2 39.2





#5
Bromomethane
Concen: 42.971 ug/l
RT: 2.948 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077576.D
Acq: 04 May 2023 09:39

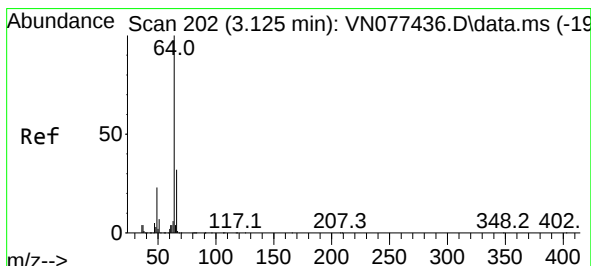
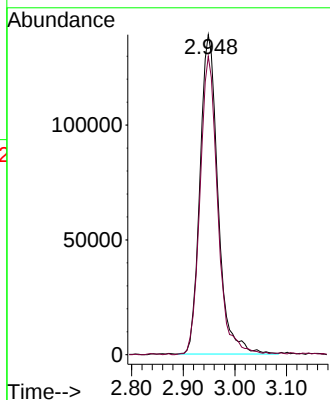
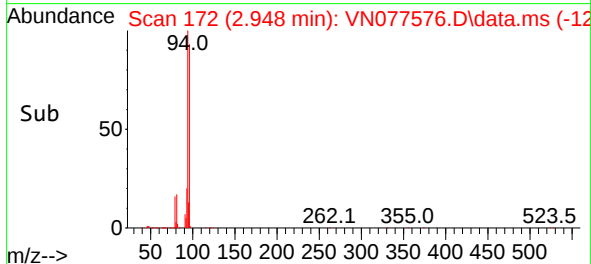
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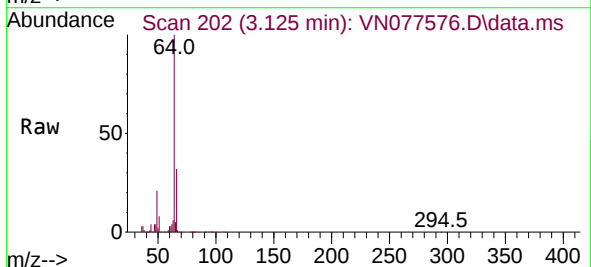
Tgt Ion: 94 Resp: 336920
Ion Ratio Lower Upper
94 100
96 93.2 73.1 109.7

Manual Integrations
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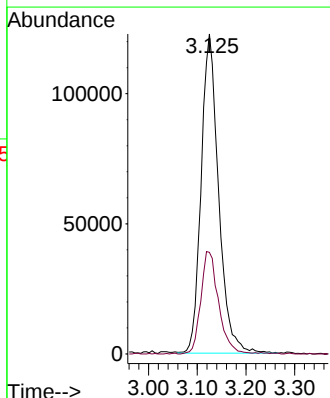
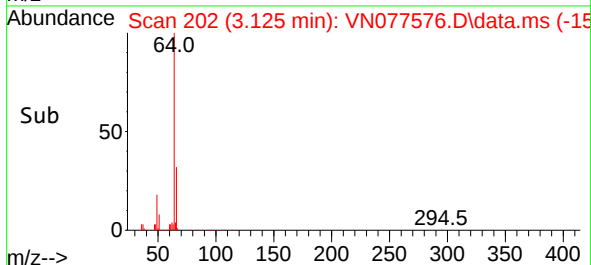
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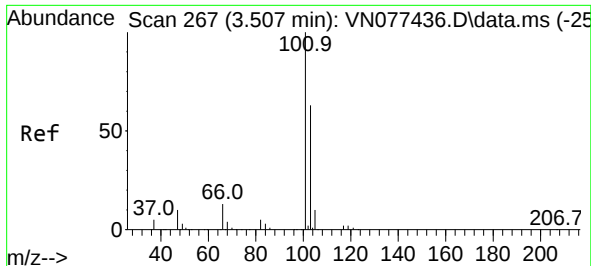


#6
Chloroethane
Concen: 44.356 ug/l
RT: 3.125 min Scan# 202
Delta R.T. -0.000 min
Lab File: VN077576.D
Acq: 04 May 2023 09:39



Tgt Ion: 64 Resp: 305029
Ion Ratio Lower Upper
64 100
66 31.8 25.4 38.2





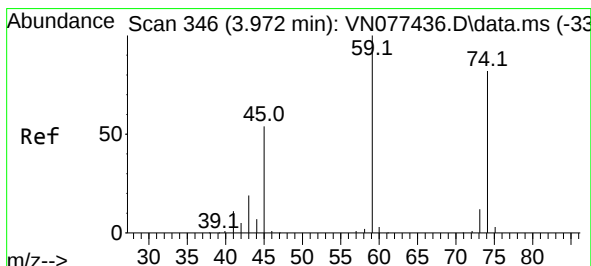
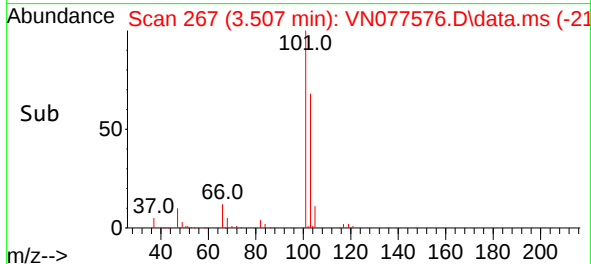
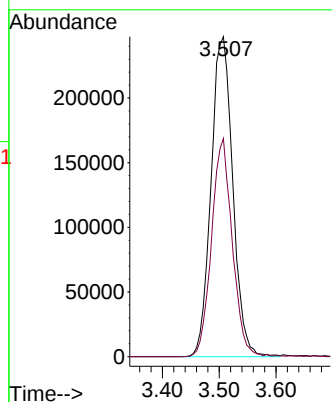
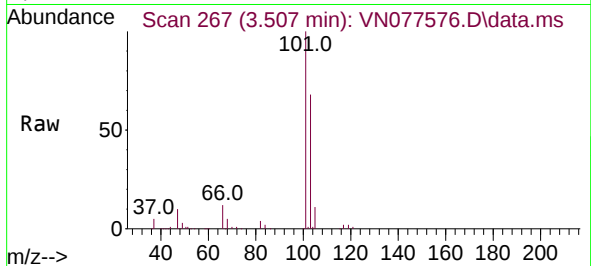
#7
Trichlorofluoromethane
Concen: 49.351 ug/l
RT: 3.507 min Scan# 20
Delta R.T. -0.000 min
Lab File: VN077576.D
Acq: 04 May 2023 09:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 656569
Ion Ratio Lower Upper
101 100
103 68.2 50.7 76.1

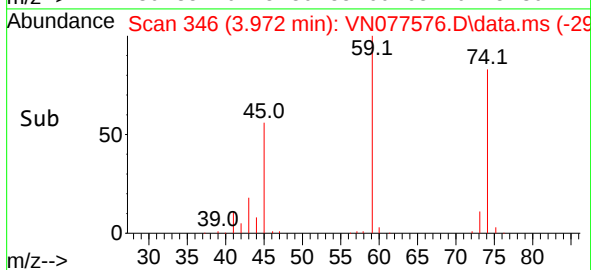
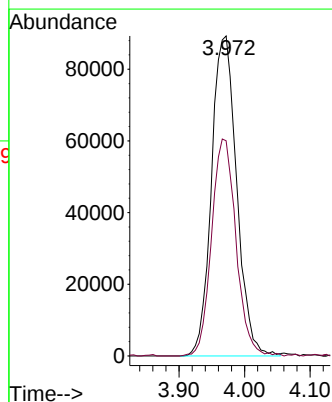
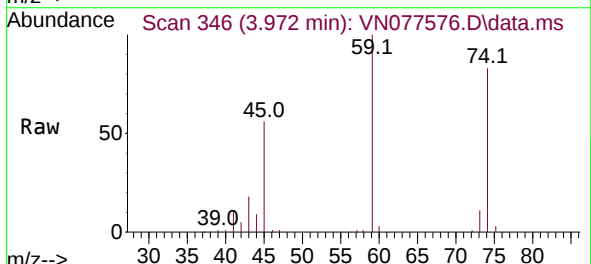
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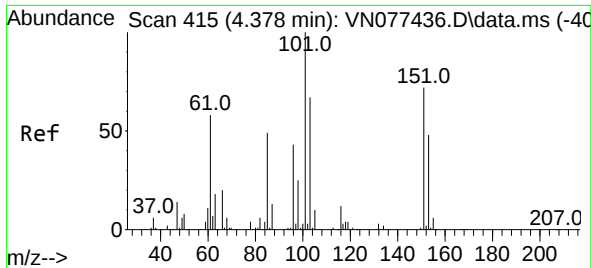
Reviewed By :John Carlone 05/05/2023
Supervised By :Mahesh Dadoda 05/05/2023



#8
Diethyl Ether
Concen: 49.241 ug/l
RT: 3.972 min Scan# 346
Delta R.T. -0.000 min
Lab File: VN077576.D
Acq: 04 May 2023 09:39

Tgt Ion: 74 Resp: 238053
Ion Ratio Lower Upper
74 100
45 65.8 34.4 103.3





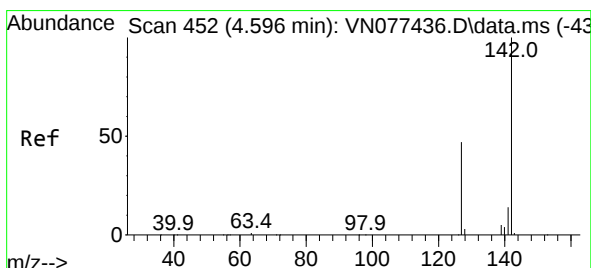
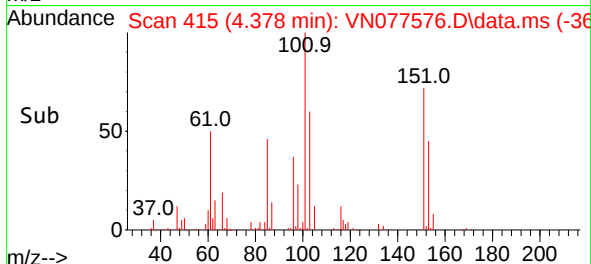
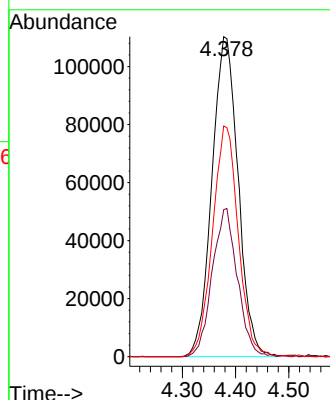
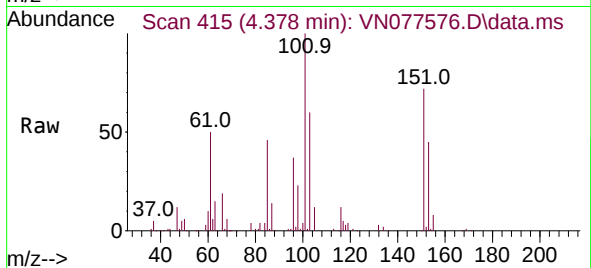
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.693 ug/l
RT: 4.378 min Scan# 415
Delta R.T. -0.000 min
Lab File: VN077576.D
Acq: 04 May 2023 09:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 37675
Ion Ratio Lower Upper
101 100
85 44.4 36.6 55.0
151 70.8 57.6 86.4

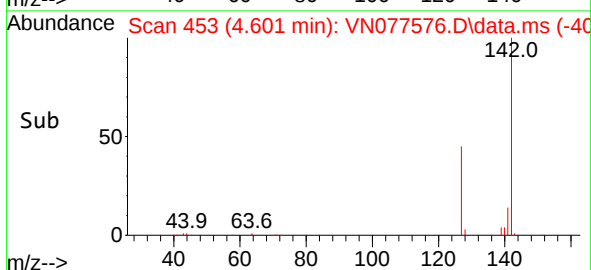
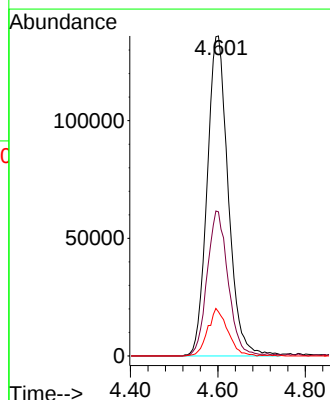
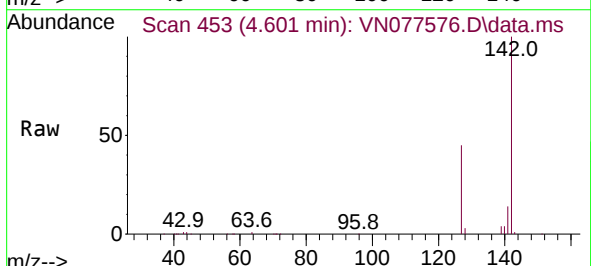
Manual Integrations
APPROVED

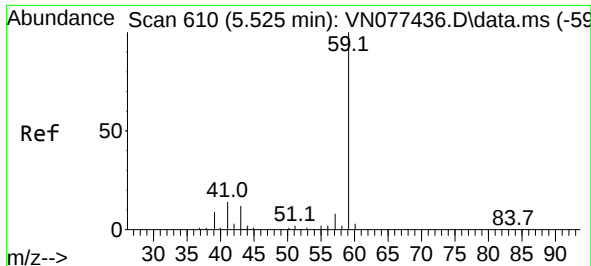
Reviewed By :John Carlone 05/05/2023
Supervised By :Mahesh Dadoda 05/05/2023



#10
Methyl Iodide
Concen: 47.958 ug/l
RT: 4.601 min Scan# 453
Delta R.T. 0.006 min
Lab File: VN077576.D
Acq: 04 May 2023 09:39

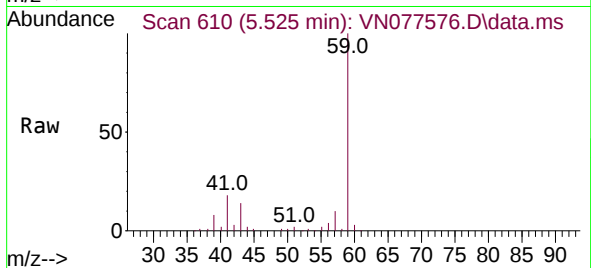
Tgt Ion:142 Resp: 455878
Ion Ratio Lower Upper
142 100
127 45.1 37.6 56.4
141 13.8 11.4 17.0





#11
Tert butyl alcohol
Concen: 214.490 ug/l
RT: 5.525 min Scan# 610
Delta R.T. -0.000 min
Lab File: VN077576.D
Acq: 04 May 2023 09:39

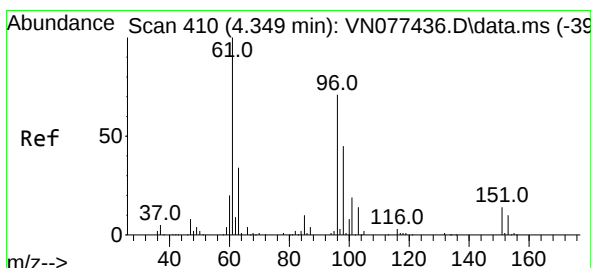
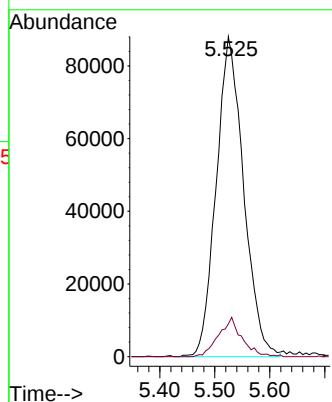
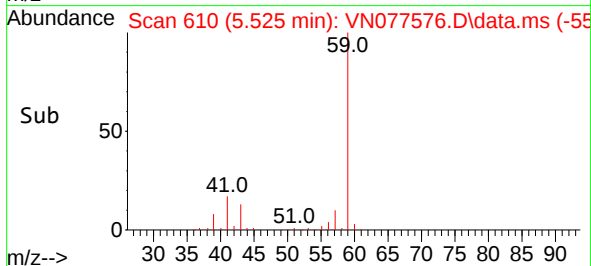
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



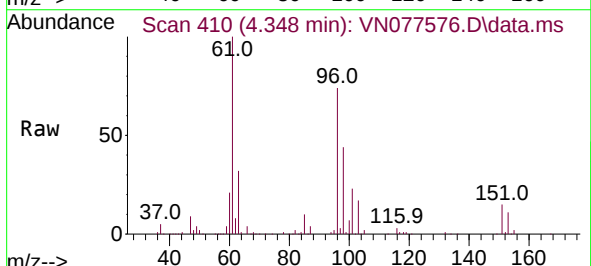
Tgt Ion: 59 Resp: 304560
Ion Ratio Lower Upper
59 100
57 10.5 8.2 12.4

Manual Integrations
APPROVED

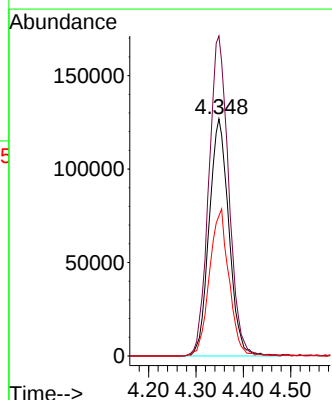
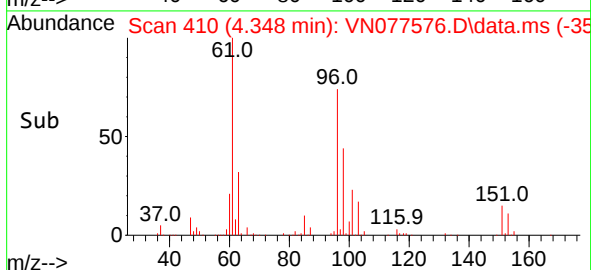
Reviewed By :John Carlone 05/05/2023
Supervised By :Mahesh Dadoda 05/05/2023

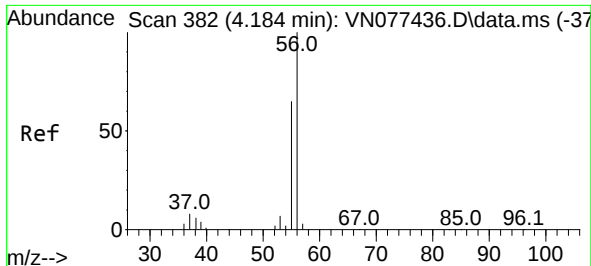


#12
1,1-Dichloroethene
Concen: 48.505 ug/l
RT: 4.348 min Scan# 410
Delta R.T. -0.000 min
Lab File: VN077576.D
Acq: 04 May 2023 09:39



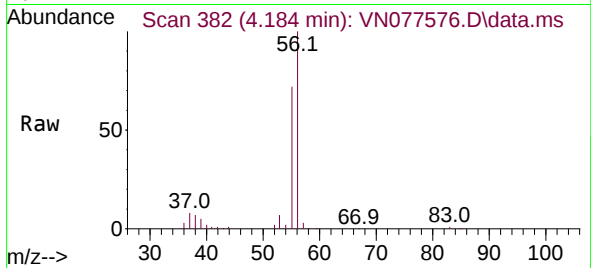
Tgt Ion: 96 Resp: 366920
Ion Ratio Lower Upper
96 100
61 134.9 112.7 169.1
98 59.0 51.2 76.8





#13
Acrolein
Concen: 208.864 ug/l
RT: 4.184 min Scan# 382
Delta R.T. -0.000 min
Lab File: VN077576.D
Acq: 04 May 2023 09:39

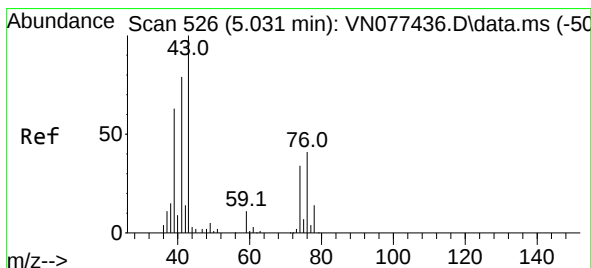
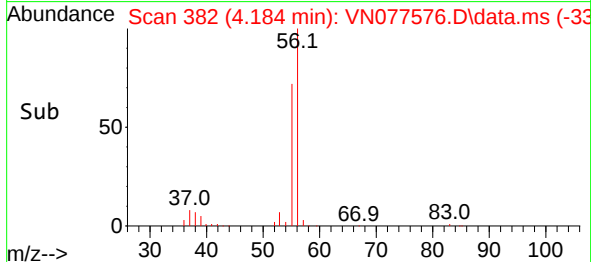
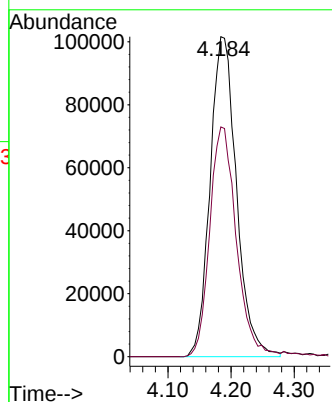
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 295032
Ion Ratio Lower Upper
56 100
55 72.2 54.5 81.7

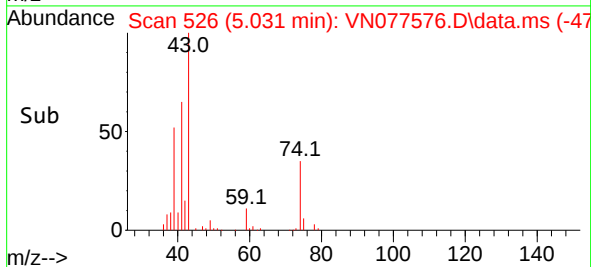
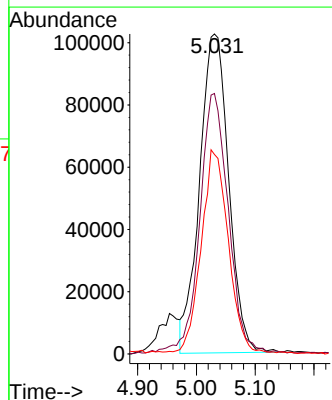
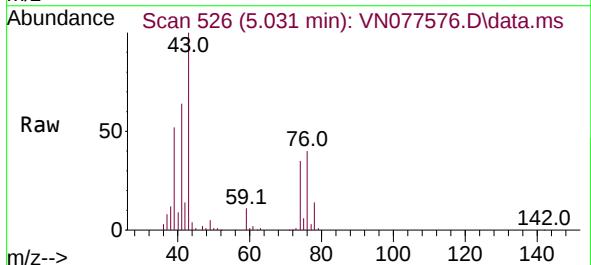
Manual Integrations
APPROVED

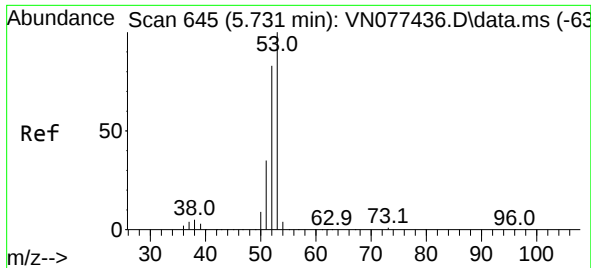
Reviewed By :John Carlone 05/05/2023
Supervised By :Mahesh Dadoda 05/05/2023



#14
Allyl chloride
Concen: 42.021 ug/l
RT: 5.031 min Scan# 526
Delta R.T. -0.000 min
Lab File: VN077576.D
Acq: 04 May 2023 09:39

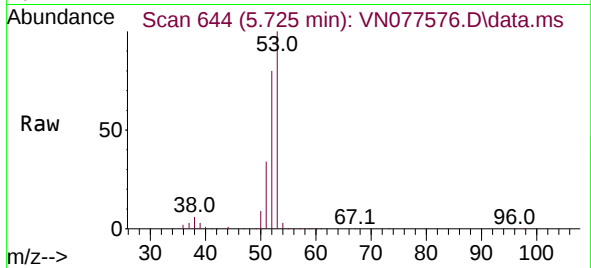
Tgt Ion: 41 Resp: 353405
Ion Ratio Lower Upper
41 100
39 80.7 58.8 88.2
76 58.7 39.1 58.7#





#15
Acrylonitrile
Concen: 247.823 ug/l
RT: 5.725 min Scan# 645
Delta R.T. -0.006 min
Lab File: VN077576.D
Acq: 04 May 2023 09:39

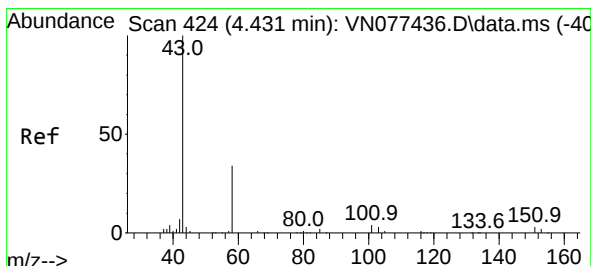
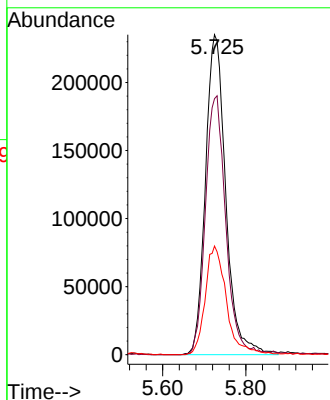
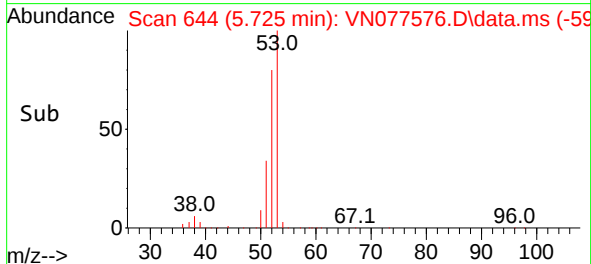
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 798299
Ion Ratio Lower Upper
53 100
52 81.1 65.3 97.9
51 35.4 28.9 43.3

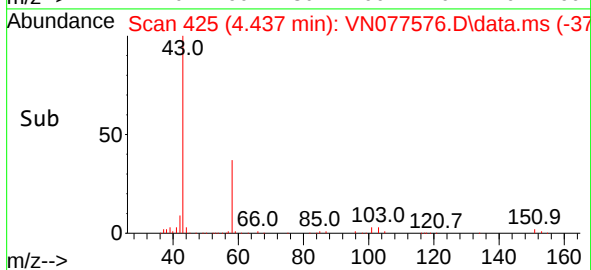
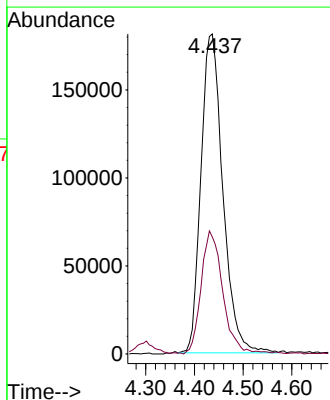
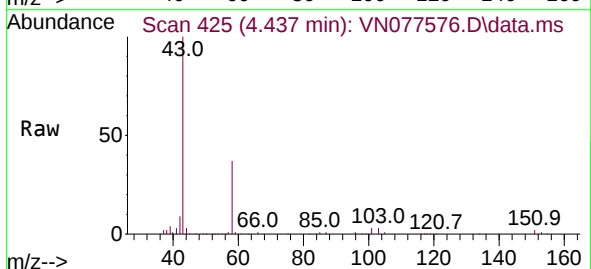
Manual Integrations
APPROVED

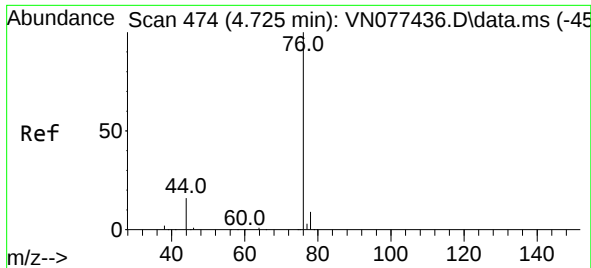
Reviewed By :John Carlone 05/05/2023
Supervised By :Mahesh Dadoda 05/05/2023



#16
Acetone
Concen: 200.965 ug/l
RT: 4.437 min Scan# 425
Delta R.T. 0.006 min
Lab File: VN077576.D
Acq: 04 May 2023 09:39

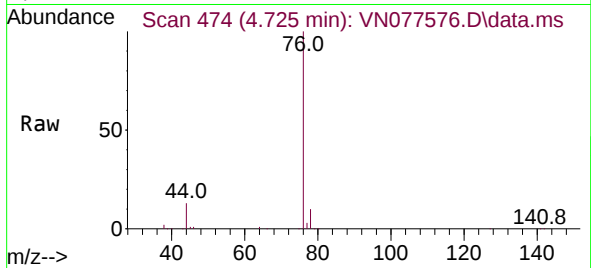
Tgt Ion: 43 Resp: 565515
Ion Ratio Lower Upper
43 100
58 36.5 28.0 42.0





#17
Carbon Disulfide
Concen: 40.241 ug/l
RT: 4.725 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN077576.D
Acq: 04 May 2023 09:39

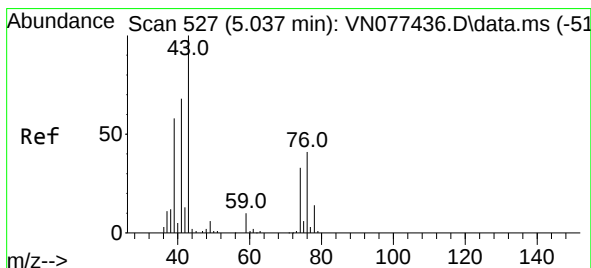
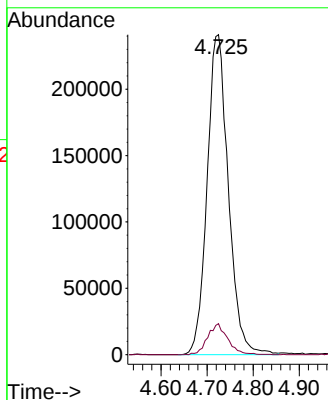
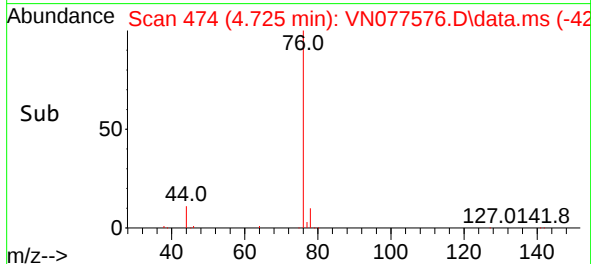
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



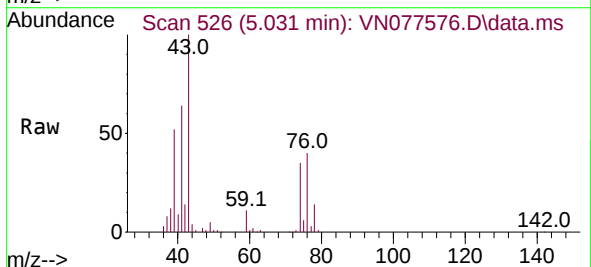
Tgt Ion: 76 Resp: 77350
Ion Ratio Lower Upper
76 100
78 9.7 7.4 11.0

Manual Integrations
APPROVED

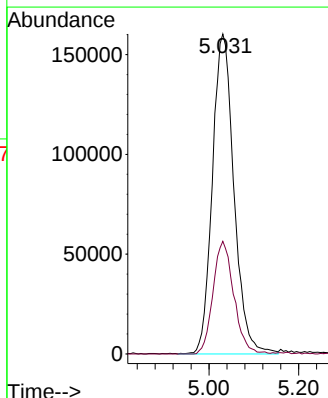
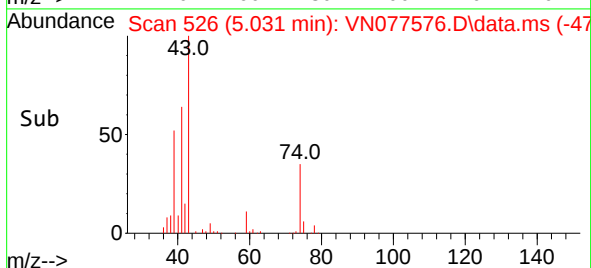
Reviewed By :John Carlone 05/05/2023
Supervised By :Mahesh Dadoda 05/05/2023

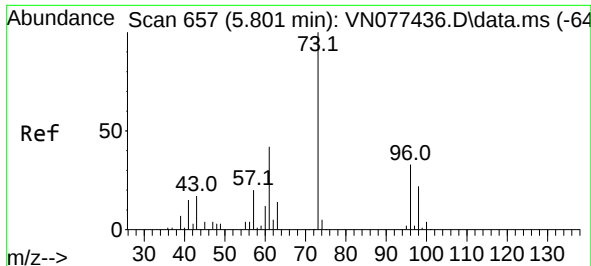


#18
Methyl Acetate
Concen: 49.330 ug/l
RT: 5.031 min Scan# 526
Delta R.T. -0.006 min
Lab File: VN077576.D
Acq: 04 May 2023 09:39



Tgt Ion: 43 Resp: 536056
Ion Ratio Lower Upper
43 100
74 33.7 26.2 39.4





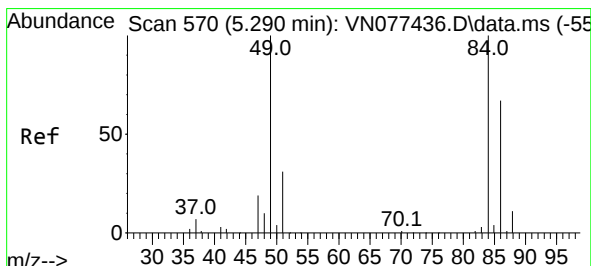
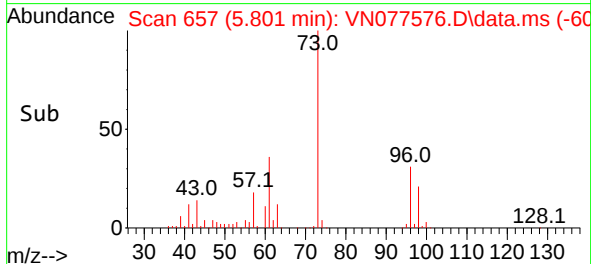
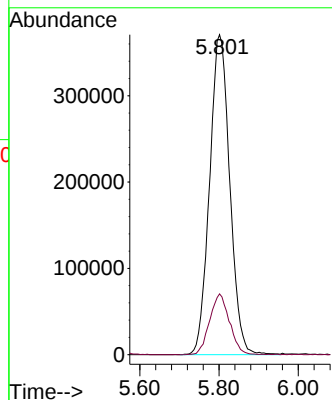
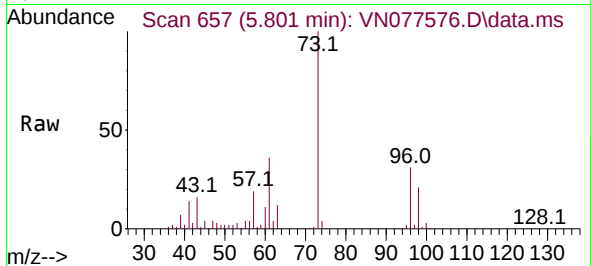
#19
Methyl tert-butyl Ether
Concen: 52.140 ug/l
RT: 5.801 min Scan# 611
Delta R.T. -0.000 min
Lab File: VN077576.D
Acq: 04 May 2023 09:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 1311689
Ion Ratio Lower Upper
73 100
57 19.0 15.6 23.4

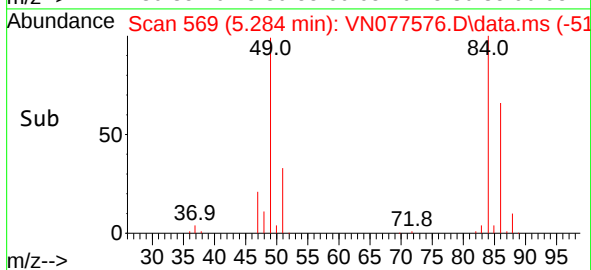
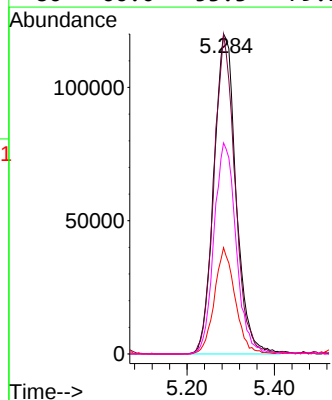
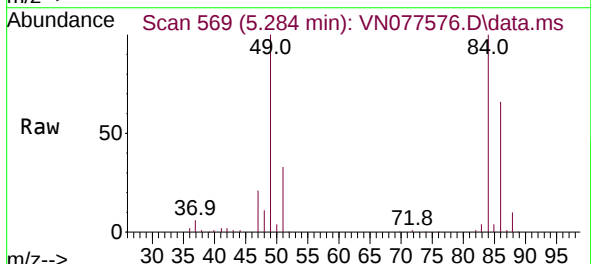
Manual Integrations
APPROVED

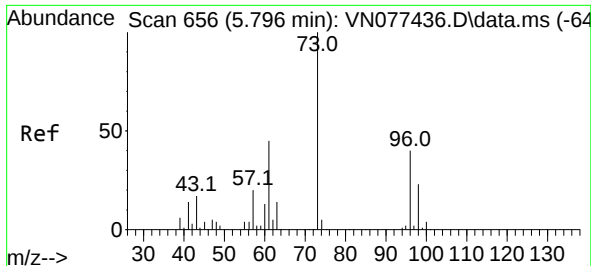
Reviewed By :John Carlone 05/05/2023
Supervised By :Mahesh Dadoda 05/05/2023



#20
Methylene Chloride
Concen: 47.376 ug/l
RT: 5.284 min Scan# 569
Delta R.T. -0.006 min
Lab File: VN077576.D
Acq: 04 May 2023 09:39

Tgt Ion: 84 Resp: 422783
Ion Ratio Lower Upper
84 100
49 99.8 79.7 119.5
51 33.2 25.2 37.8
86 66.0 53.3 79.9





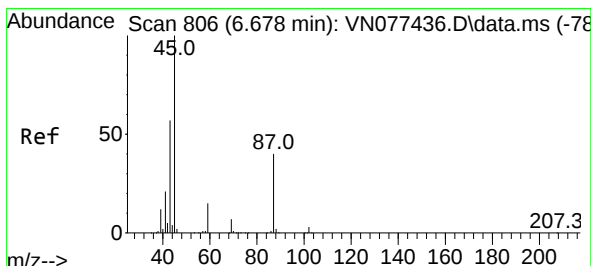
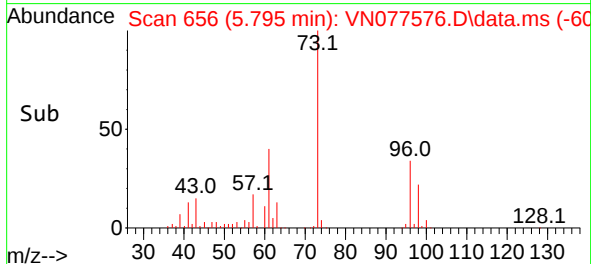
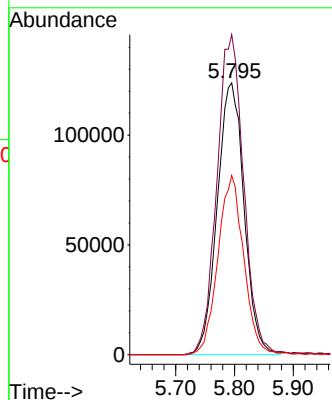
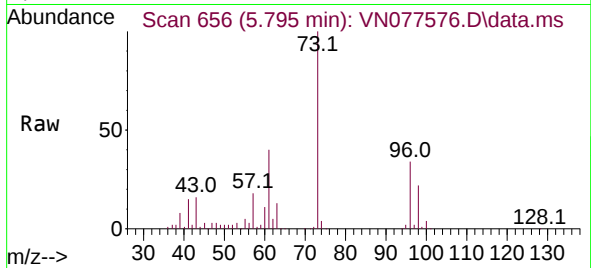
#21
trans-1,2-Dichloroethene
Concen: 47.887 ug/l
RT: 5.795 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN077576.D
Acq: 04 May 2023 09:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 39170
Ion Ratio Lower Upper
96 100
61 117.7 90.1 135.1
98 65.9 46.4 69.6

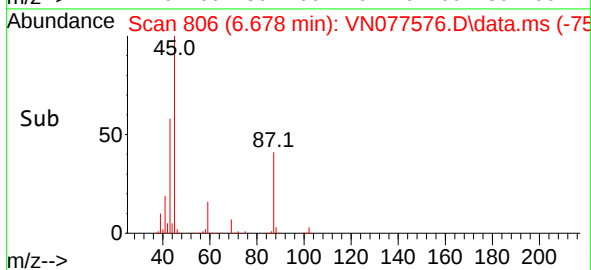
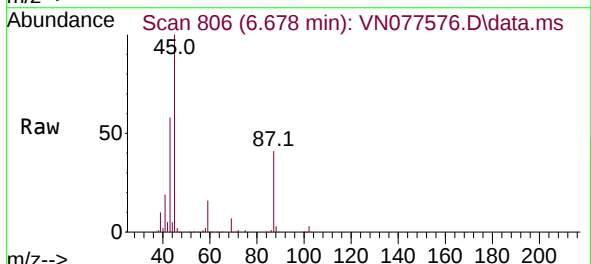
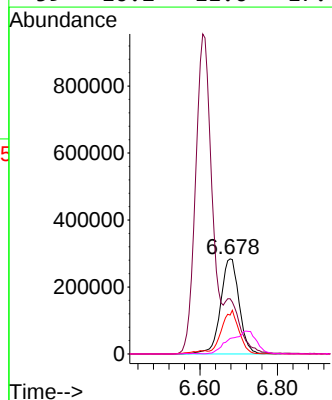
Manual Integrations
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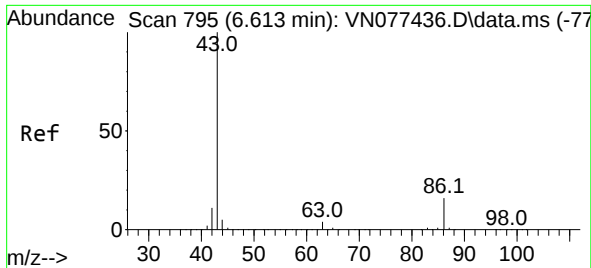
Reviewed By :John Carlone 05/05/2023
Supervised By :Mahesh Dadoda 05/05/2023



#22
Diisopropyl ether
Concen: 48.900 ug/l
RT: 6.678 min Scan# 806
Delta R.T. -0.000 min
Lab File: VN077576.D
Acq: 04 May 2023 09:39

Tgt Ion: 45 Resp: 943862
Ion Ratio Lower Upper
45 100
43 57.2 45.5 68.3
87 40.7 31.8 47.8
59 16.2 11.6 17.4





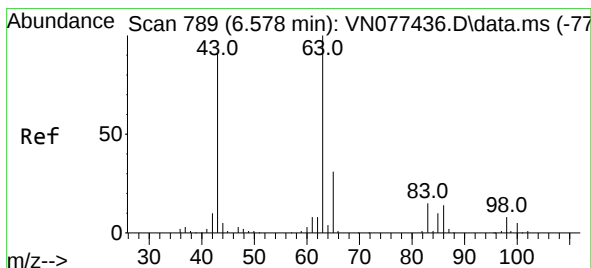
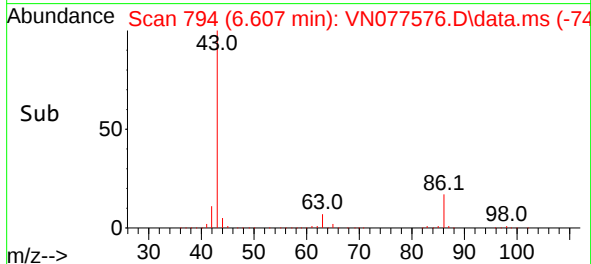
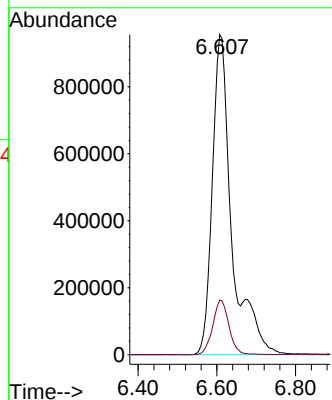
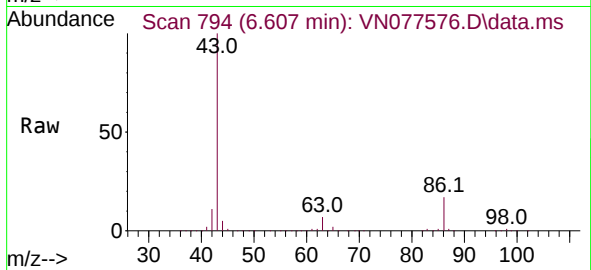
#23
 Vinyl Acetate
 Concen: 270.432 ug/l m
 RT: 6.607 min Scan# 794
 Delta R.T. -0.006 min
 Lab File: VN077576.D
 Acq: 04 May 2023 09:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 325991
 Ion Ratio Lower Upper
 43 100
 86 17.0 13.0 19.6

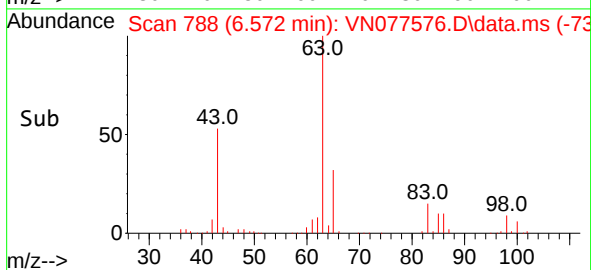
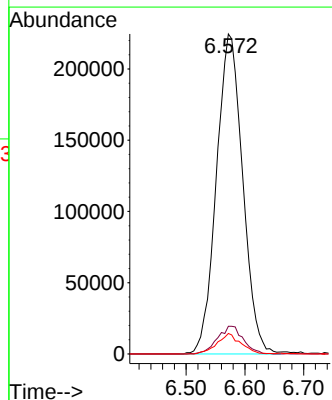
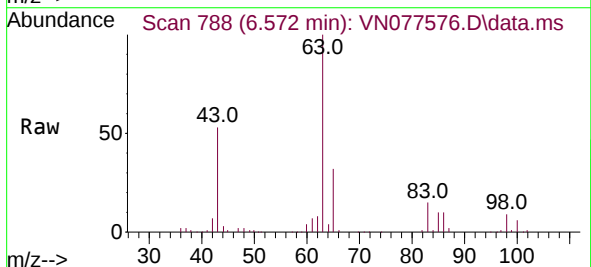
Manual Integrations
 APPROVED

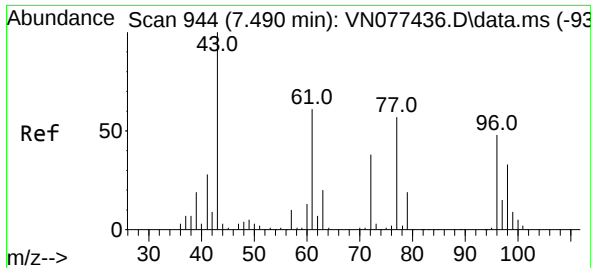
Reviewed By :John Carlone 05/05/2023
 Supervised By :Mahesh Dadoda 05/05/2023



#24
 1,1-Dichloroethane
 Concen: 51.096 ug/l
 RT: 6.572 min Scan# 788
 Delta R.T. -0.006 min
 Lab File: VN077576.D
 Acq: 04 May 2023 09:39

Tgt Ion: 63 Resp: 698133
 Ion Ratio Lower Upper
 63 100
 98 8.7 3.9 11.7
 100 6.4 2.5 7.4





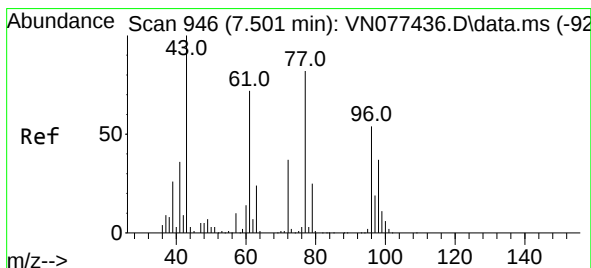
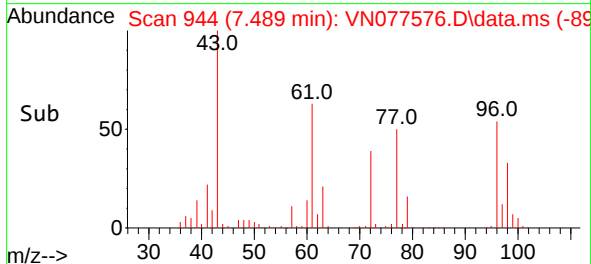
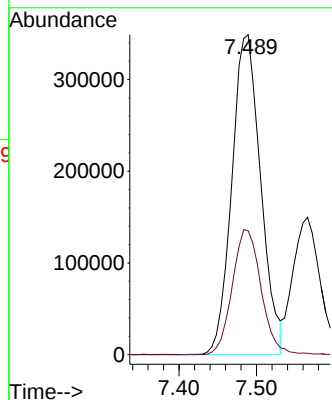
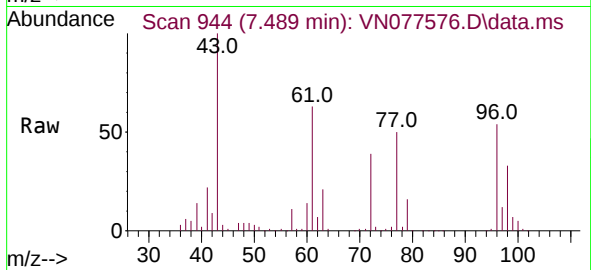
#25
2-Butanone
Concen: 226.412 ug/l
RT: 7.489 min Scan# 944
Delta R.T. -0.000 min
Lab File: VN077576.D
Acq: 04 May 2023 09:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 90365
Ion Ratio Lower Upper
43 100
72 38.7 30.2 45.2

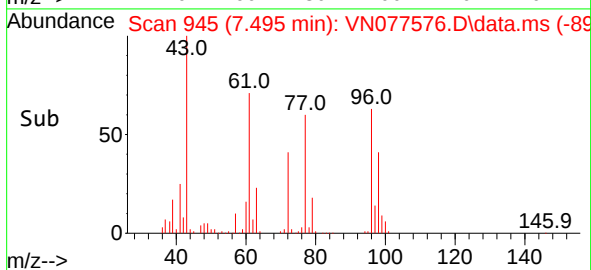
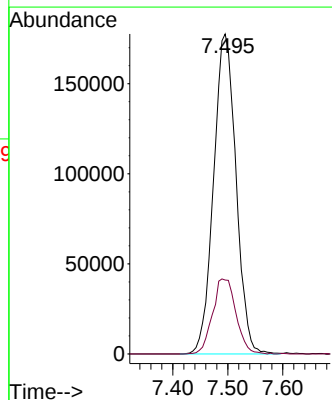
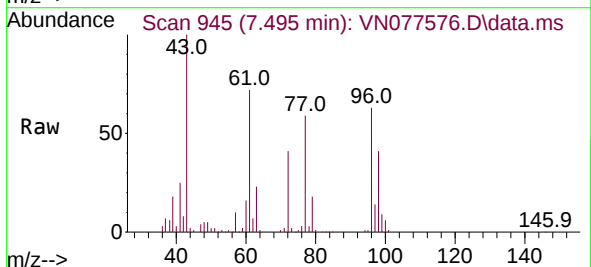
Manual Integrations
APPROVED

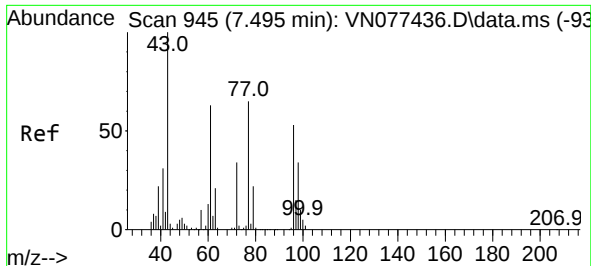
Reviewed By :John Carlone 05/05/2023
Supervised By :Mahesh Dadoda 05/05/2023



#26
2,2-Dichloropropane
Concen: 38.022 ug/l
RT: 7.495 min Scan# 945
Delta R.T. -0.006 min
Lab File: VN077576.D
Acq: 04 May 2023 09:39

Tgt Ion: 77 Resp: 503715
Ion Ratio Lower Upper
77 100
97 24.4 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 51.754 ug/l

RT: 7.489 min Scan# 94

Delta R.T. -0.006 min

Lab File: VN077576.D

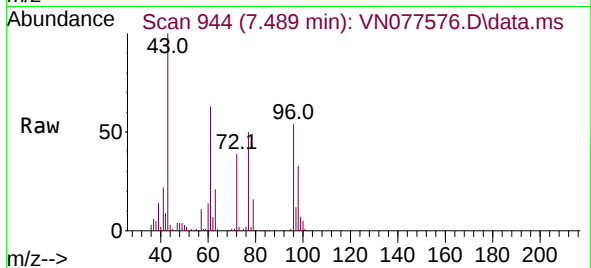
Acq: 04 May 2023 09:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



Tgt Ion: 96 Resp: 50136

Ion Ratio Lower Upper

96 100

61 118.5 0.0 255.2

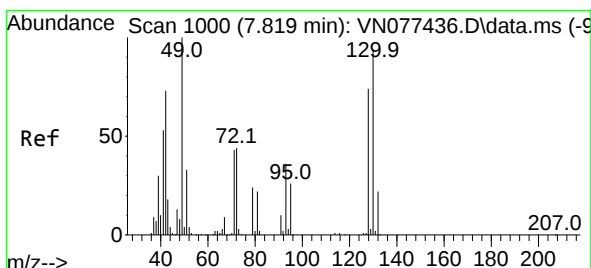
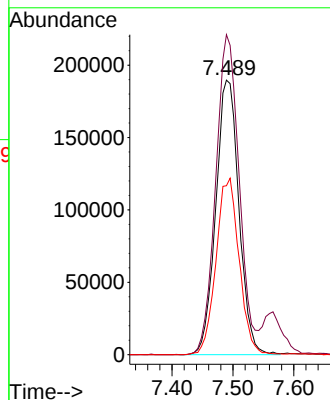
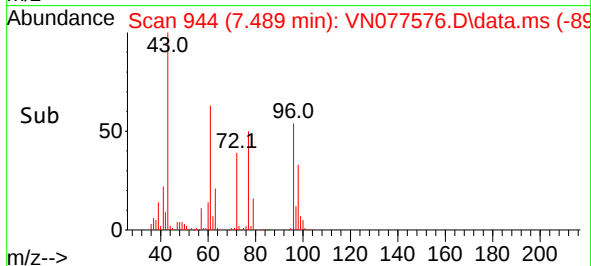
98 64.1 0.0 128.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/05/2023

Supervised By :Mahesh Dadoda 05/05/2023



#28

Bromochloromethane

Concen: 50.747 ug/l

RT: 7.819 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VN077576.D

Acq: 04 May 2023 09:39

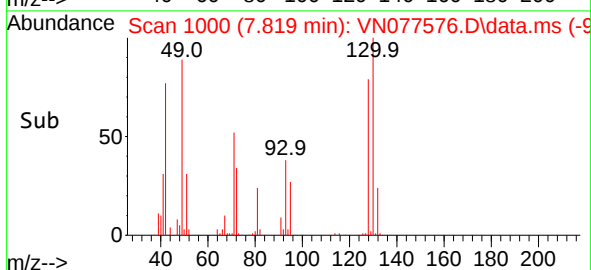
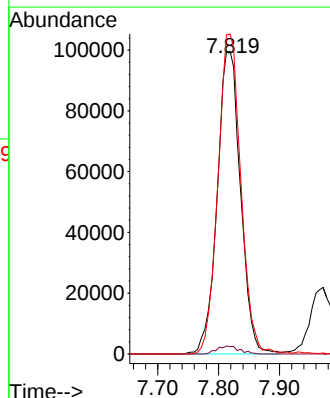
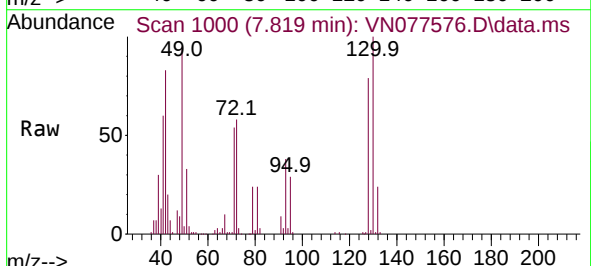
Tgt Ion: 49 Resp: 264776

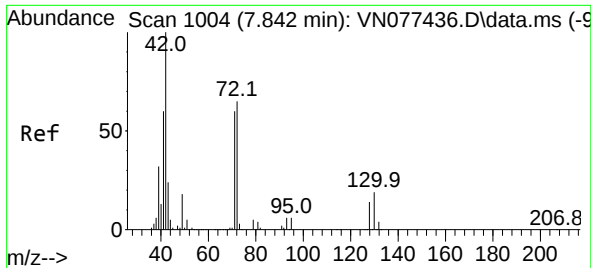
Ion Ratio Lower Upper

49 100

129 2.5 0.0 4.8

130 104.0 75.3 112.9





#29

Tetrahydrofuran

Concen: 233.014 ug/l

RT: 7.842 min Scan# 1004

Delta R.T. -0.000 min

Lab File: VN077576.D

Acq: 04 May 2023 09:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 582690

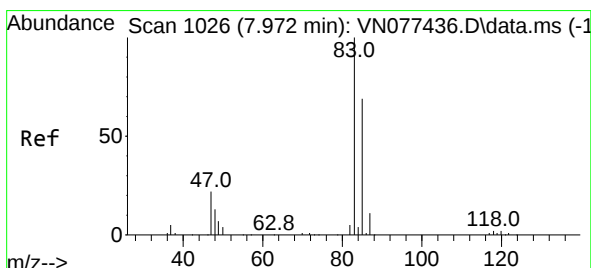
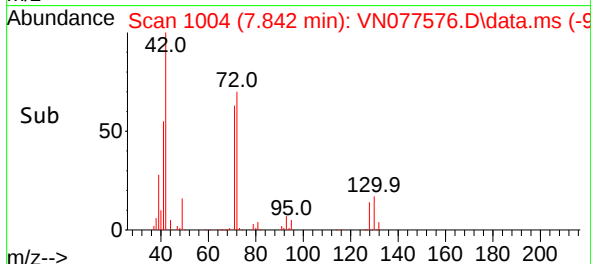
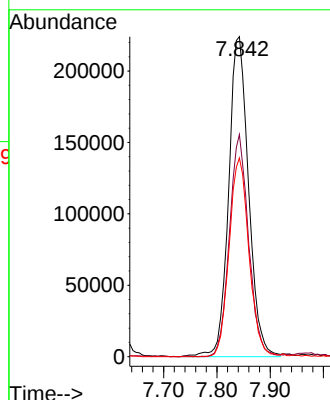
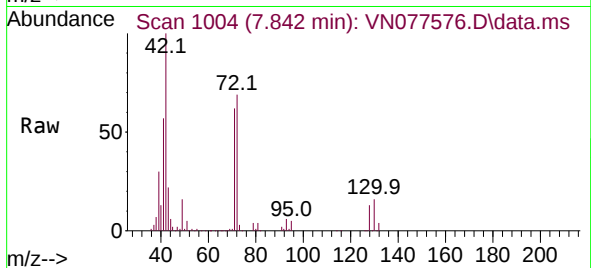
Ion	Ratio	Lower	Upper
42	100		
72	66.9	49.8	74.6
71	61.7	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/05/2023

Supervised By :Mahesh Dadoda 05/05/2023



#30

Chloroform

Concen: 53.640 ug/l

RT: 7.966 min Scan# 1025

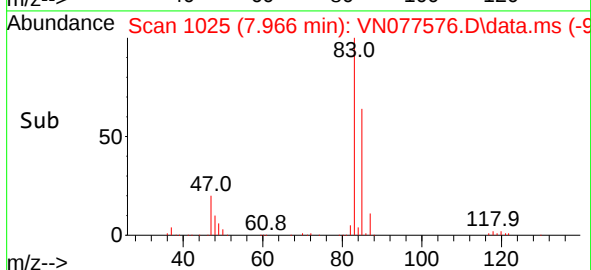
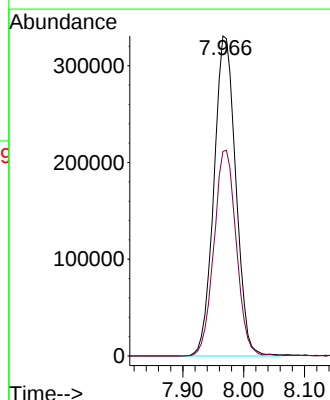
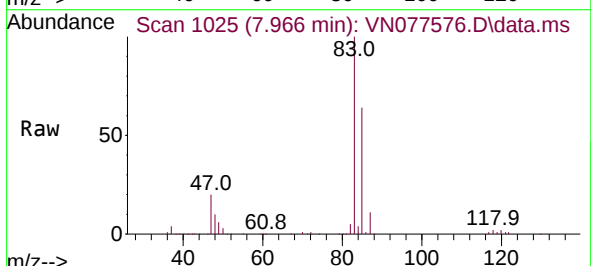
Delta R.T. -0.006 min

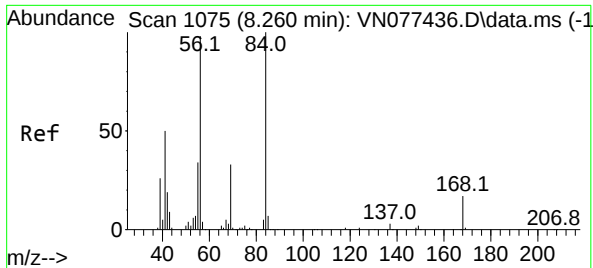
Lab File: VN077576.D

Acq: 04 May 2023 09:39

Tgt Ion: 83 Resp: 825957

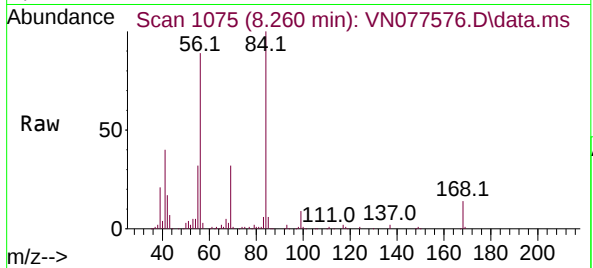
Ion	Ratio	Lower	Upper
83	100		
85	63.9	55.4	83.0





#31
Cyclohexane
Concen: 43.075 ug/l
RT: 8.260 min Scan# 1075
Delta R.T. -0.000 min
Lab File: VN077576.D
Acq: 04 May 2023 09:39

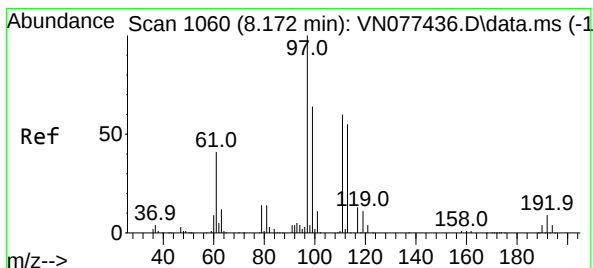
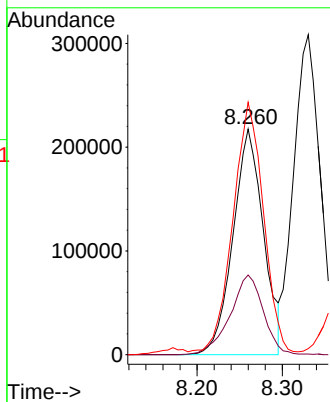
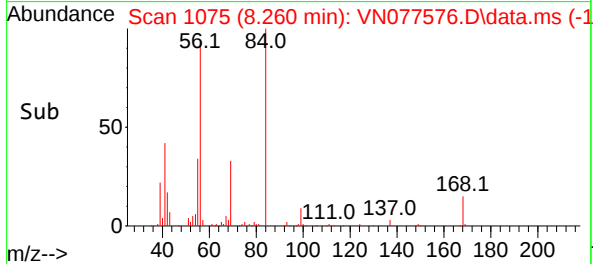
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



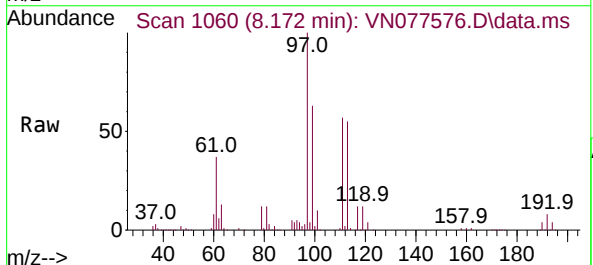
Tgt Ion: 56 Resp: 53972
Ion Ratio Lower Upper
56 100
69 35.3 26.8 40.2
84 109.8 81.8 122.6

Manual Integrations
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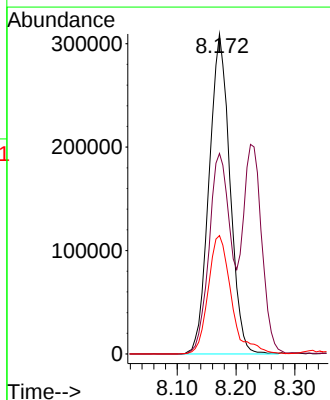
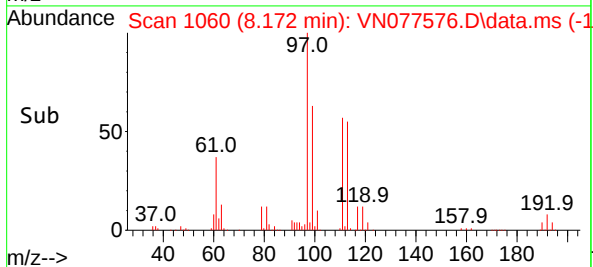
Reviewed By :John Carlone 05/05/2023
Supervised By :Mahesh Dadoda 05/05/2023

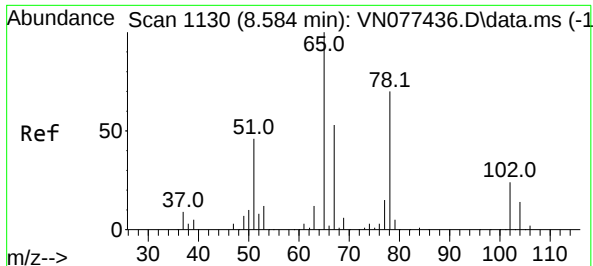


#32
1,1,1-Trichloroethane
Concen: 53.695 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077576.D
Acq: 04 May 2023 09:39



Tgt Ion: 97 Resp: 760128
Ion Ratio Lower Upper
97 100
99 65.0 50.3 75.5
61 41.1 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 51.459 ug/l

RT: 8.583 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN077576.D

Acq: 04 May 2023 09:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 455158

Ion Ratio Lower Upper

65 100

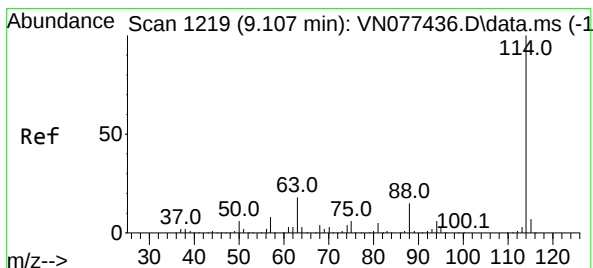
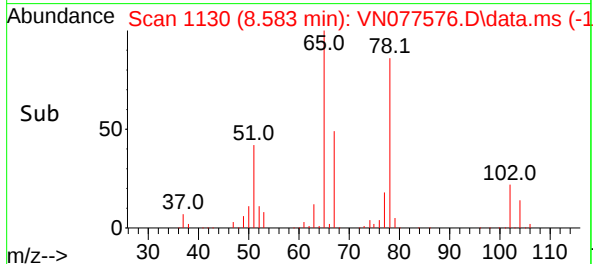
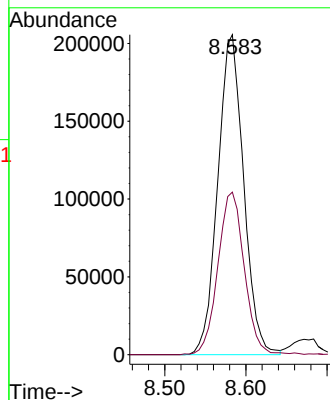
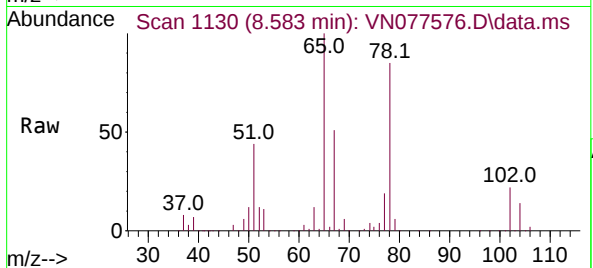
67 51.8 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/05/2023

Supervised By :Mahesh Dadoda 05/05/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.101 min Scan# 1218

Delta R.T. -0.006 min

Lab File: VN077576.D

Acq: 04 May 2023 09:39

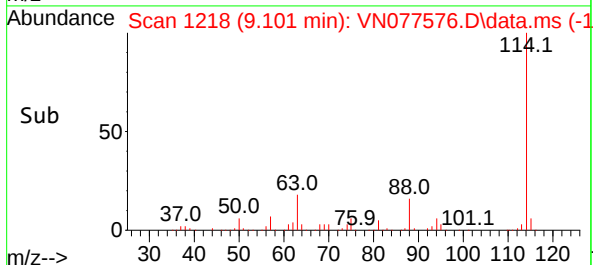
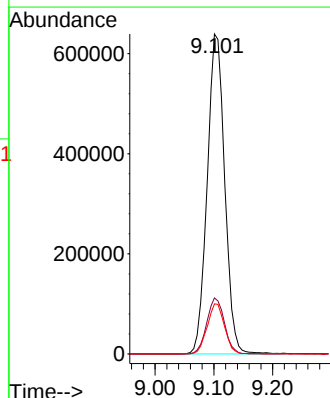
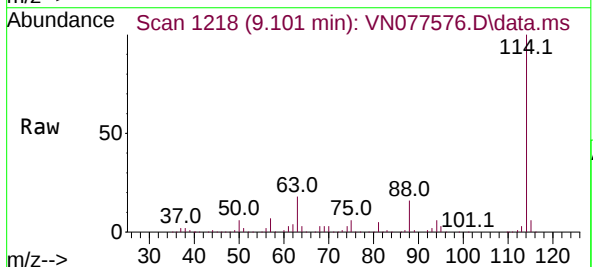
Tgt Ion:114 Resp: 1323532

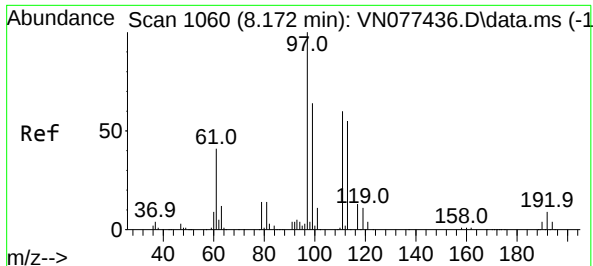
Ion Ratio Lower Upper

114 100

63 17.5 0.0 36.4

88 15.7 0.0 30.6





#35

Dibromofluoromethane

Concen: 50.959 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077576.D

Acq: 04 May 2023 09:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:113 Resp: 40538

Ion Ratio Lower Upper

113 100

111 103.3 82.6 123.8

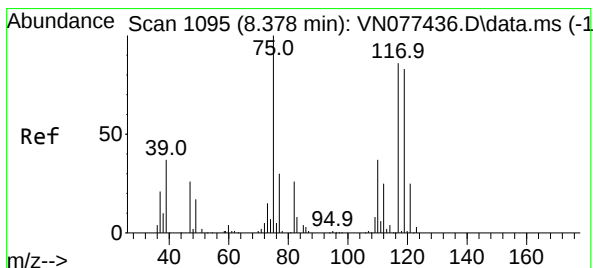
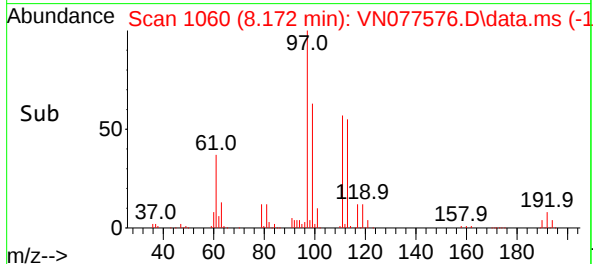
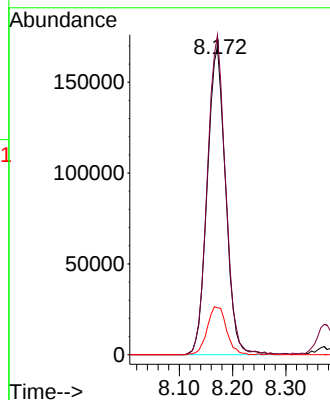
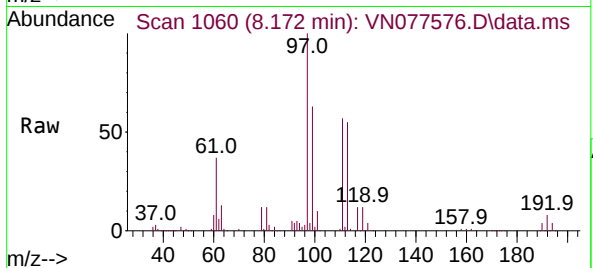
192 16.3 12.7 19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/05/2023

Supervised By :Mahesh Dadoda 05/05/2023



#36

1,1-Dichloropropene

Concen: 49.028 ug/l

RT: 8.372 min Scan# 1094

Delta R.T. -0.006 min

Lab File: VN077576.D

Acq: 04 May 2023 09:39

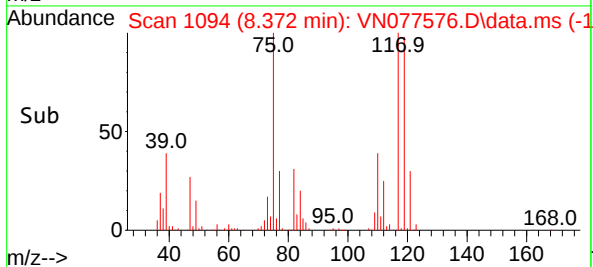
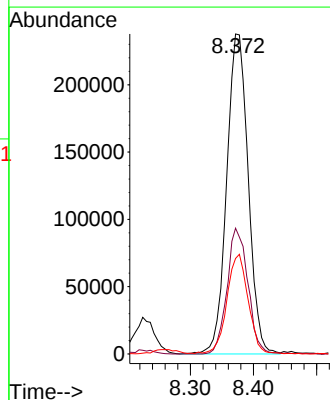
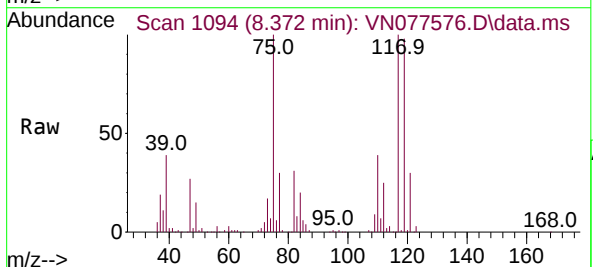
Tgt Ion: 75 Resp: 563462

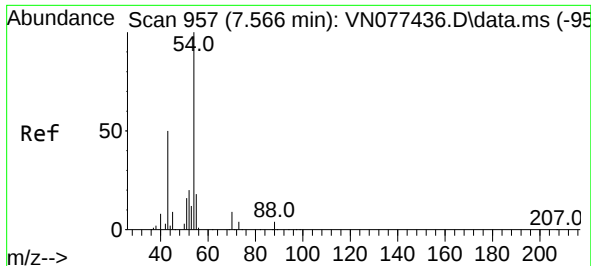
Ion Ratio Lower Upper

75 100

110 38.1 19.1 57.3

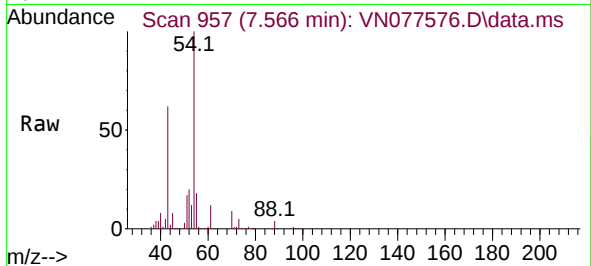
77 31.0 25.0 37.4





#37
Ethyl Acetate
Concen: 42.844 ug/l
RT: 7.566 min Scan# 957
Delta R.T. -0.000 min
Lab File: VN077576.D
Acq: 04 May 2023 09:39

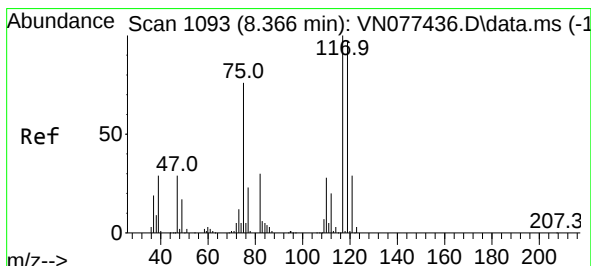
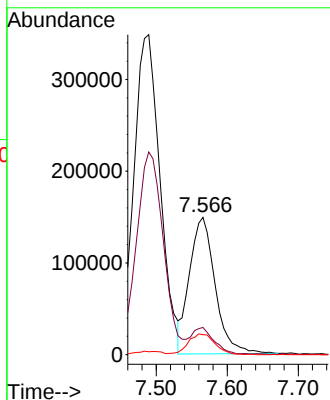
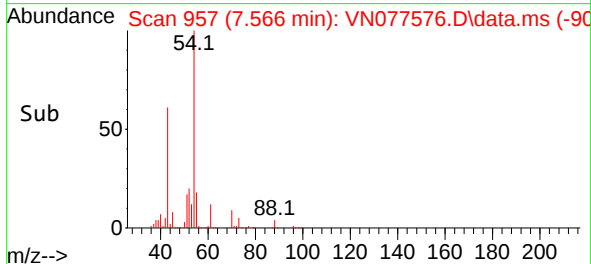
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 374160
Ion Ratio Lower Upper
43 100
61 16.8 13.2 19.8
70 15.6 11.3 16.9

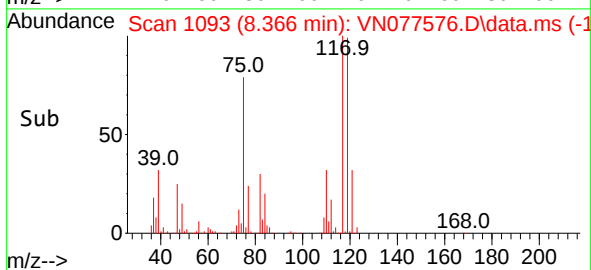
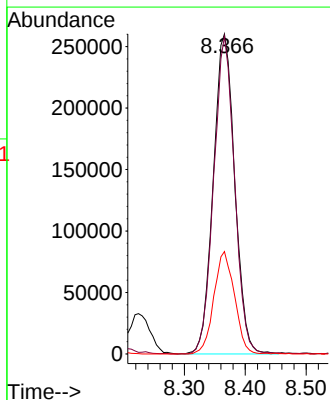
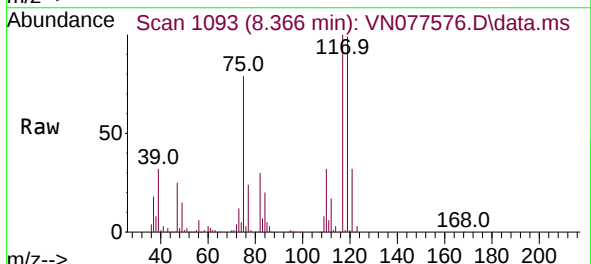
Manual Integrations
APPROVED

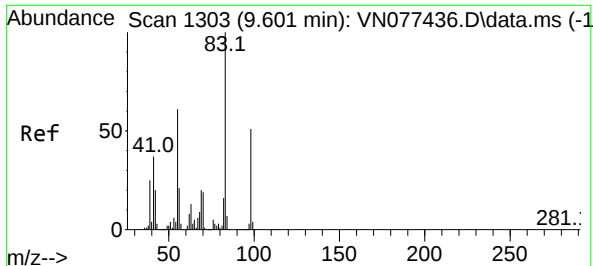
Reviewed By :John Carlone 05/05/2023
Supervised By :Mahesh Dadoda 05/05/2023



#38
Carbon Tetrachloride
Concen: 50.234 ug/l
RT: 8.366 min Scan# 1093
Delta R.T. -0.000 min
Lab File: VN077576.D
Acq: 04 May 2023 09:39

Tgt Ion:117 Resp: 636982
Ion Ratio Lower Upper
117 100
119 99.3 77.3 115.9
121 32.0 23.3 34.9





#39

Methylcyclohexane

Concen: 47.081 ug/l

RT: 9.601 min Scan# 11303

Delta R.T. -0.000 min

Lab File: VN077576.D

Acq: 04 May 2023 09:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 71289

Ion Ratio Lower Upper

83 100

55 57.9 49.1 73.7

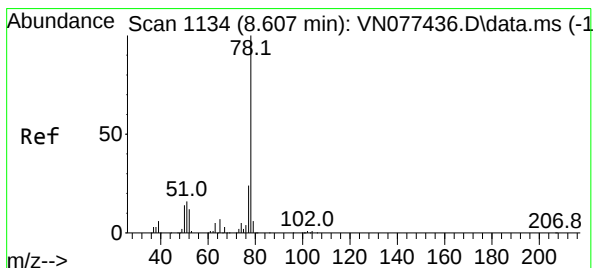
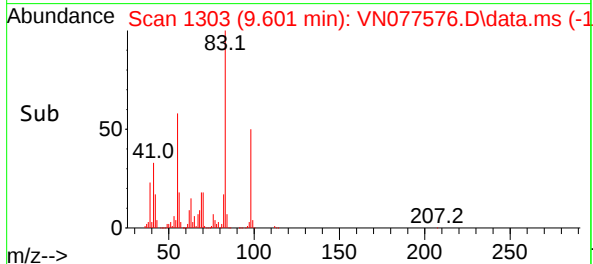
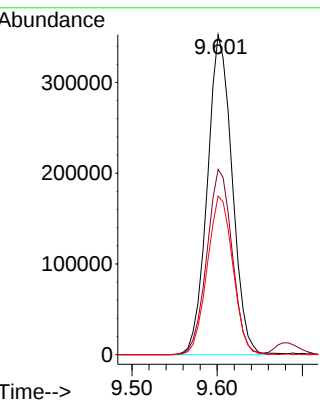
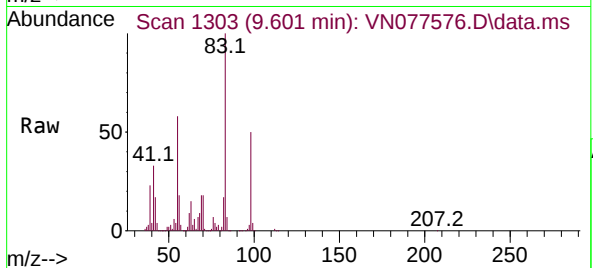
98 49.5 40.6 61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/05/2023

Supervised By :Mahesh Dadoda 05/05/2023



#40

Benzene

Concen: 49.669 ug/l

RT: 8.607 min Scan# 1134

Delta R.T. -0.000 min

Lab File: VN077576.D

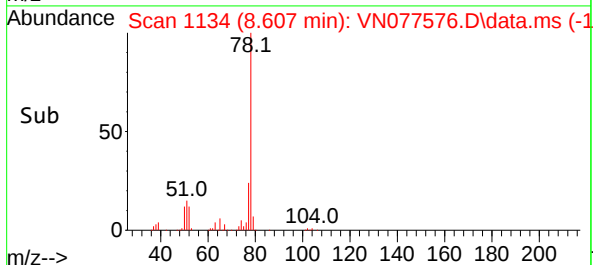
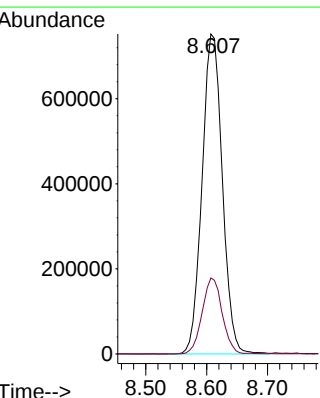
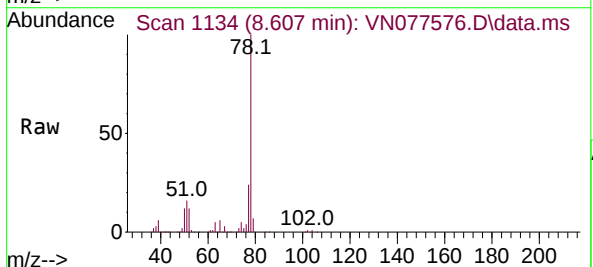
Acq: 04 May 2023 09:39

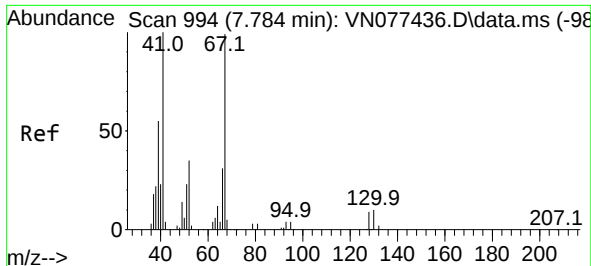
Tgt Ion: 78 Resp: 1738974

Ion Ratio Lower Upper

78 100

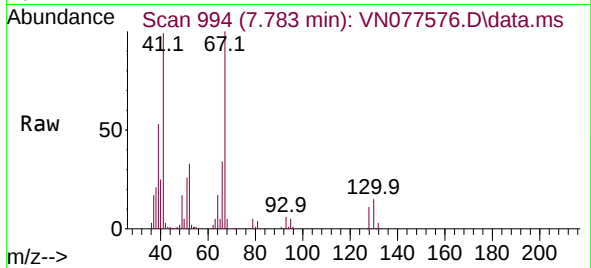
77 23.7 19.0 28.6





#41
Methacrylonitrile
Concen: 44.862 ug/l
RT: 7.783 min Scan# 994
Delta R.T. -0.000 min
Lab File: VN077576.D
Acq: 04 May 2023 09:39

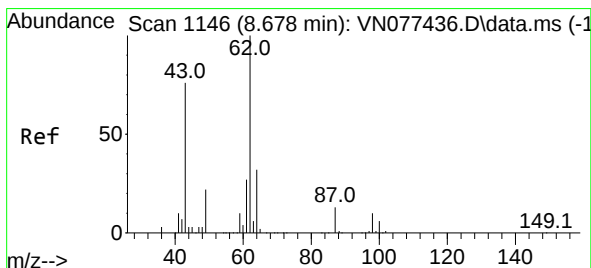
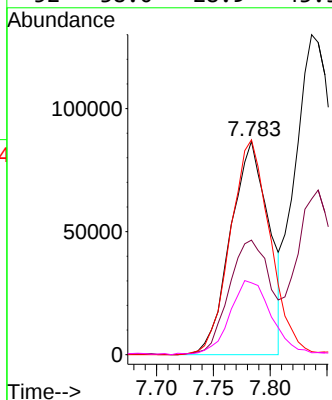
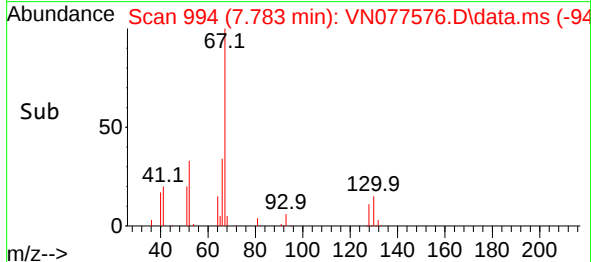
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



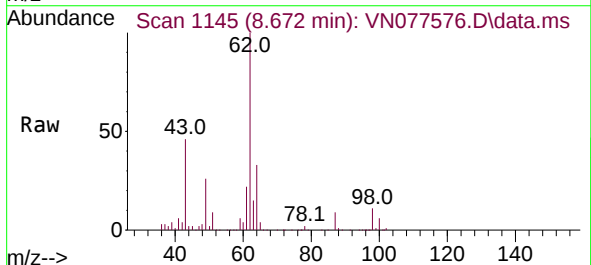
Tgt Ion: 41 Resp: 20405
Ion Ratio Lower Upper
41 100
39 57.5 42.6 64.0
67 105.0 77.5 116.3
52 38.0 28.9 43.3

Manual Integrations
APPROVED

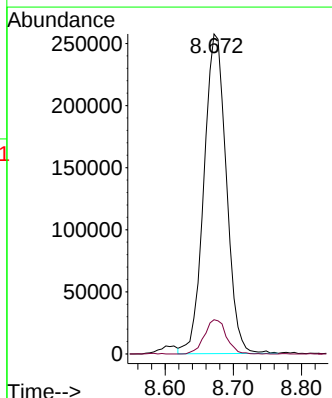
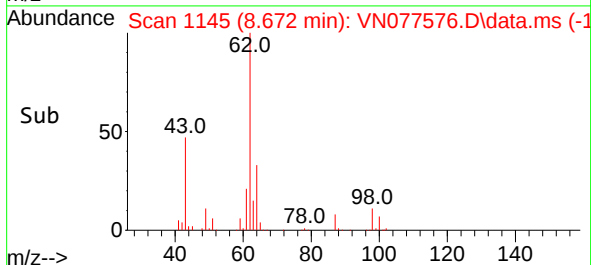
Reviewed By :John Carlone 05/05/2023
Supervised By :Mahesh Dadoda 05/05/2023

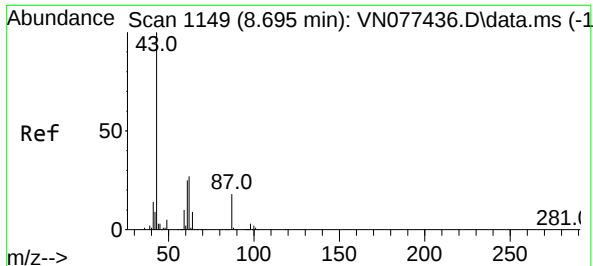


#42
1,2-Dichloroethane
Concen: 48.832 ug/l
RT: 8.672 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN077576.D
Acq: 04 May 2023 09:39



Tgt Ion: 62 Resp: 587216
Ion Ratio Lower Upper
62 100
98 10.5 0.0 19.8





#43

Isopropyl Acetate

Concen: 46.468 ug/l

RT: 8.689 min Scan# 1148

Delta R.T. -0.006 min

Lab File: VN077576.D

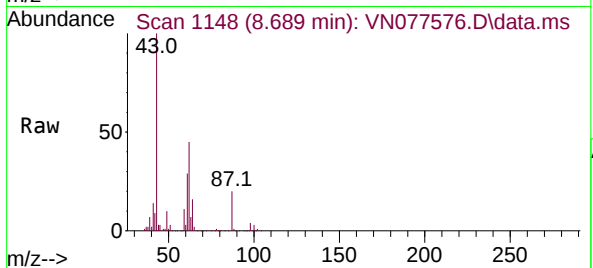
Acq: 04 May 2023 09:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



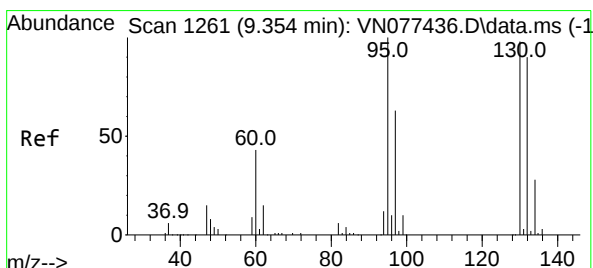
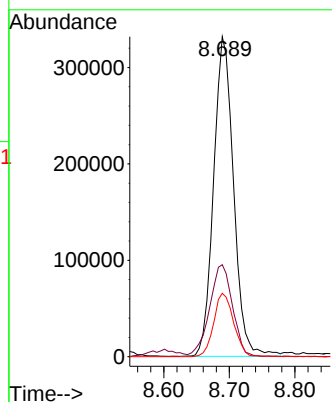
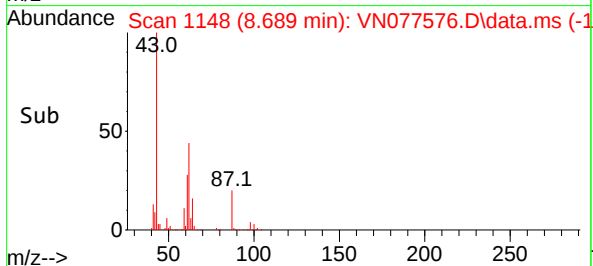
Tgt Ion: 43	Resp: 702040
Ion Ratio	Lower Upper
43	100
61	32.7 24.7 37.1
87	19.8 14.6 21.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/05/2023

Supervised By :Mahesh Dadoda 05/05/2023



#44

Trichloroethene

Concen: 49.437 ug/l

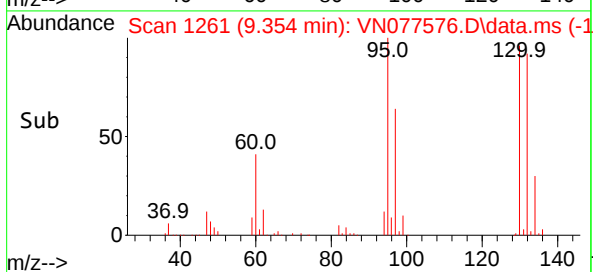
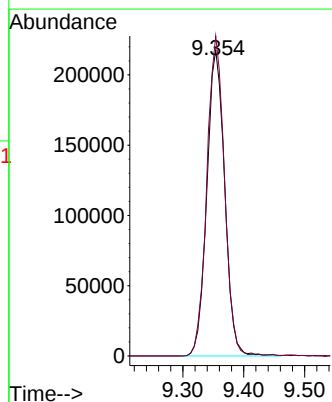
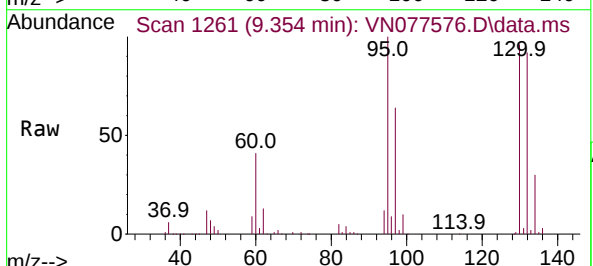
RT: 9.354 min Scan# 1261

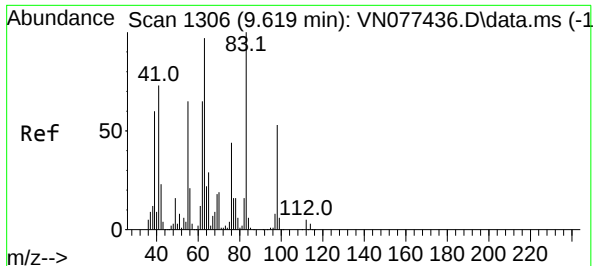
Delta R.T. -0.000 min

Lab File: VN077576.D

Acq: 04 May 2023 09:39

Tgt Ion:130	Resp: 443170
Ion Ratio	Lower Upper
130	100
95	104.6 0.0 204.6





#45

1,2-Dichloropropane

Concen: 49.076 ug/l

RT: 9.624 min Scan# 1307

Delta R.T. 0.006 min

Lab File: VN077576.D

Acq: 04 May 2023 09:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 40248

Ion Ratio Lower Upper

63 100

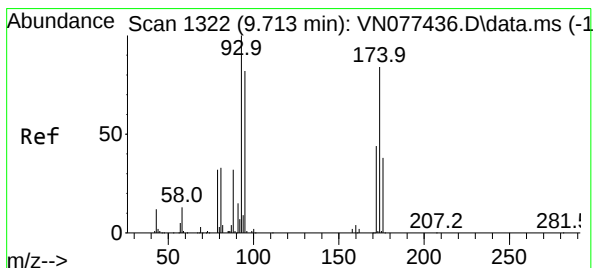
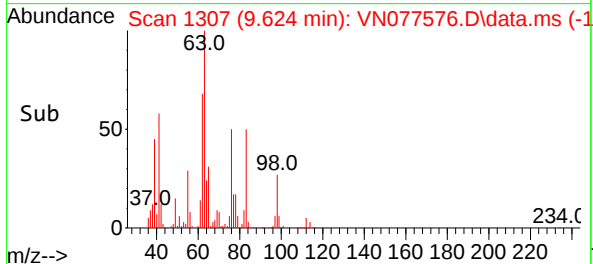
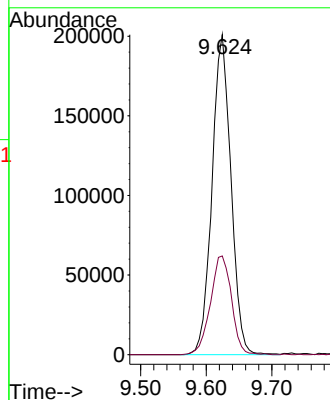
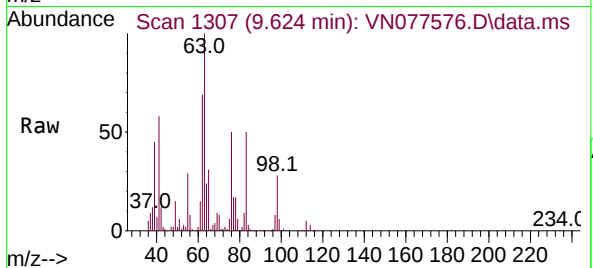
65 30.9 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/05/2023

Supervised By :Mahesh Dadoda 05/05/2023



#46

Dibromomethane

Concen: 49.538 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN077576.D

Acq: 04 May 2023 09:39

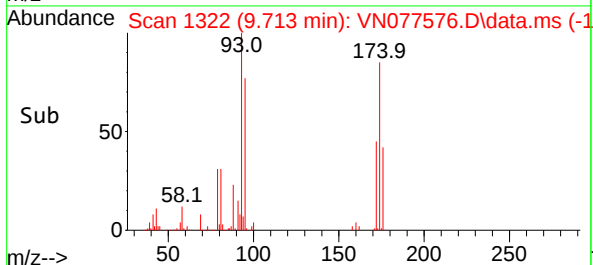
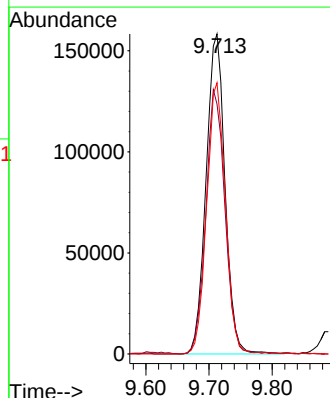
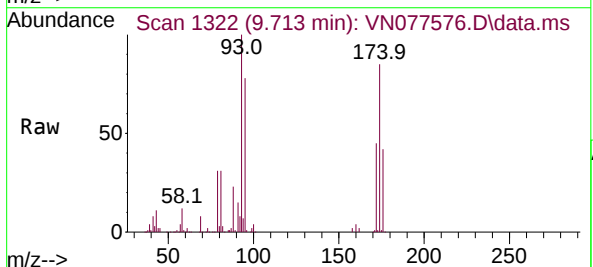
Tgt Ion: 93 Resp: 329656

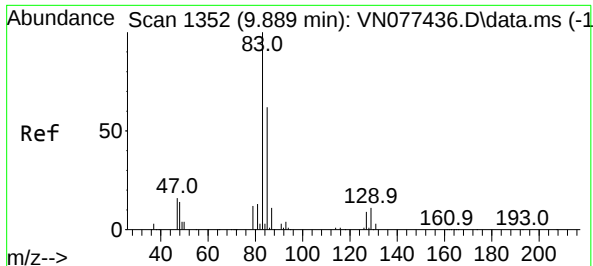
Ion Ratio Lower Upper

93 100

95 83.6 63.8 95.8

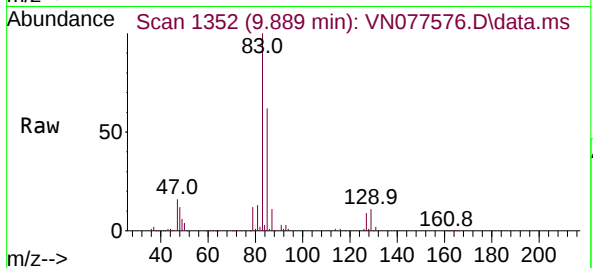
174 83.9 65.6 98.4





#47
Bromodichloromethane
Concen: 52.734 ug/l
RT: 9.889 min Scan# 1352
Delta R.T. -0.000 min
Lab File: VN077576.D
Acq: 04 May 2023 09:39

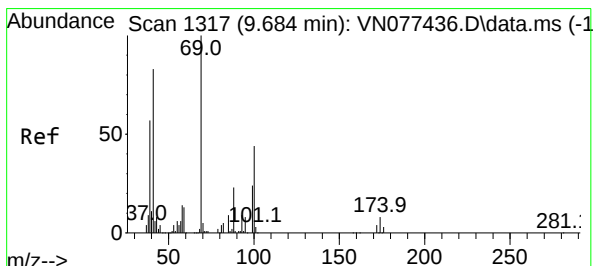
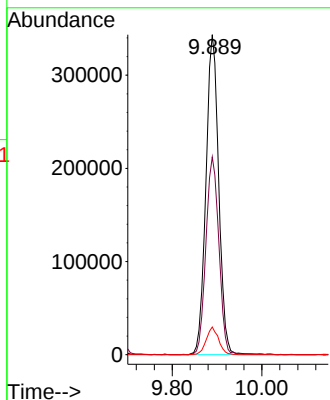
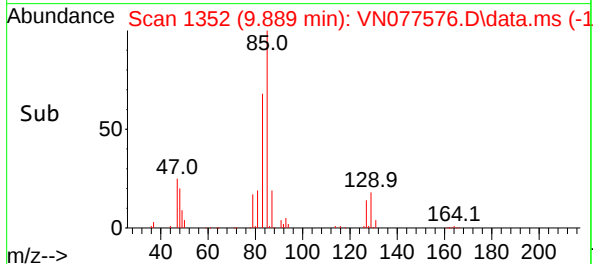
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



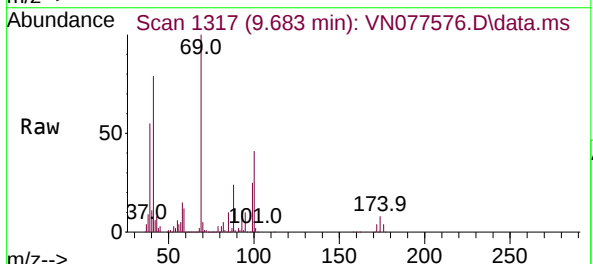
Tgt Ion: 83 Resp: 678794
Ion Ratio Lower Upper
83 100
85 61.8 49.6 74.4
127 8.7 7.0 10.6

Manual Integrations
APPROVED

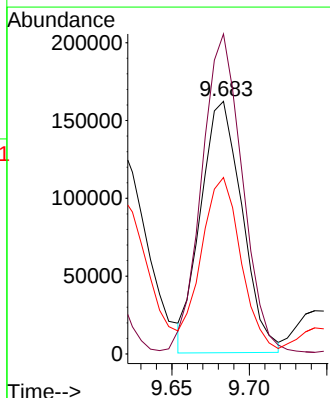
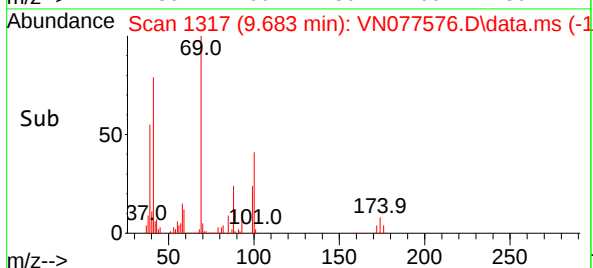
Reviewed By :John Carlone 05/05/2023
Supervised By :Mahesh Dadoda 05/05/2023

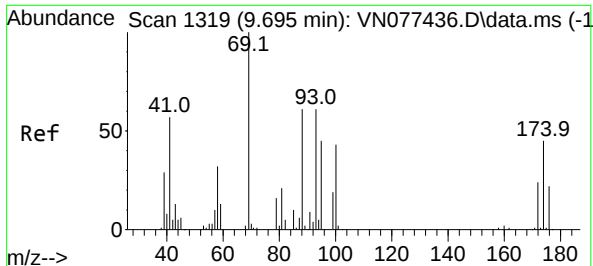


#48
Methyl methacrylate
Concen: 43.733 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VN077576.D
Acq: 04 May 2023 09:39



Tgt Ion: 41 Resp: 300760
Ion Ratio Lower Upper
41 100
69 126.0 90.4 135.6
39 67.7 54.6 81.8





#49

1,4-Dioxane

Concen: 929.060 ug/l

RT: 9.695 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN077576.D

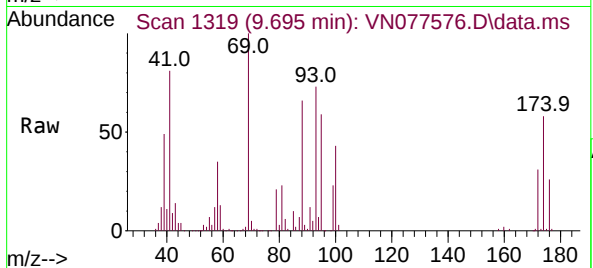
Acq: 04 May 2023 09:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



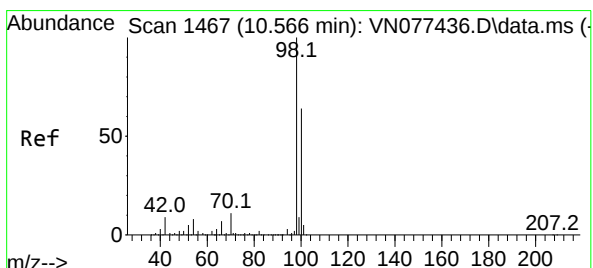
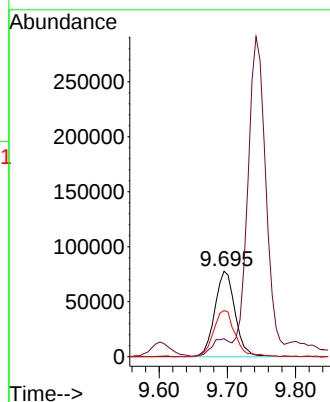
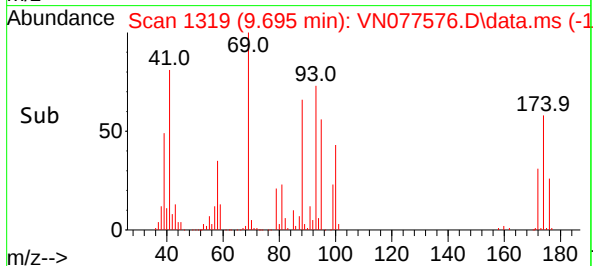
Tgt Ion:	88	Resp:	16026
Ion Ratio	Lower	Upper	
88	100		
43	19.6	17.0	25.6
58	57.8	47.0	70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/05/2023

Supervised By :Mahesh Dadoda 05/05/2023



#50

Toluene-d8

Concen: 51.655 ug/l

RT: 10.566 min Scan# 1467

Delta R.T. -0.000 min

Lab File: VN077576.D

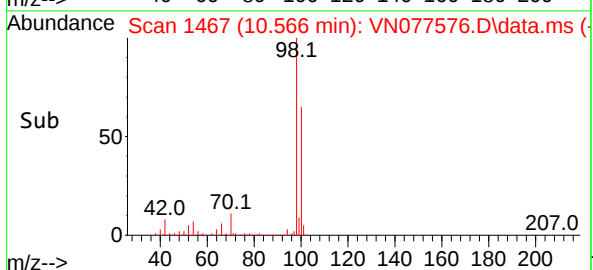
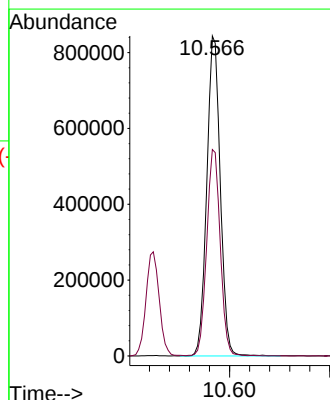
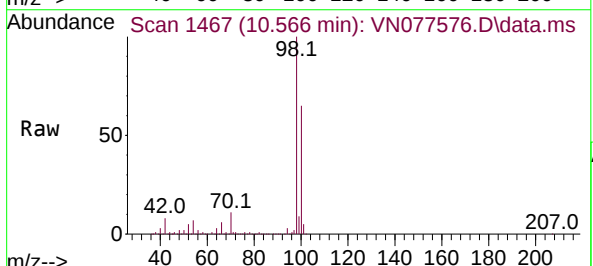
Acq: 04 May 2023 09:39

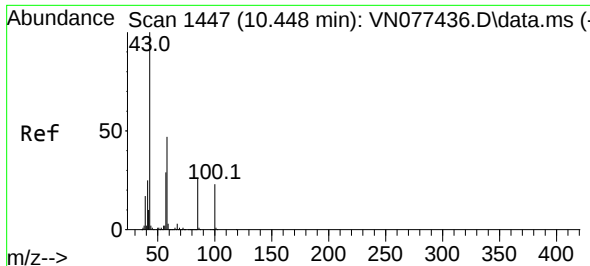
Tgt Ion: 98 Resp: 1574864

Ion Ratio Lower Upper

98 100

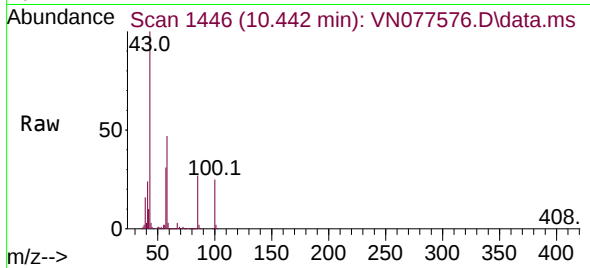
100 64.4 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 224.579 ug/l
RT: 10.442 min Scan# 1446
Delta R.T. -0.006 min
Lab File: VN077576.D
Acq: 04 May 2023 09:39

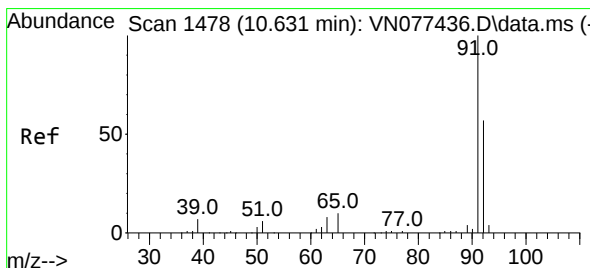
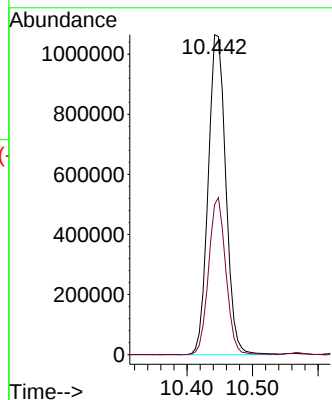
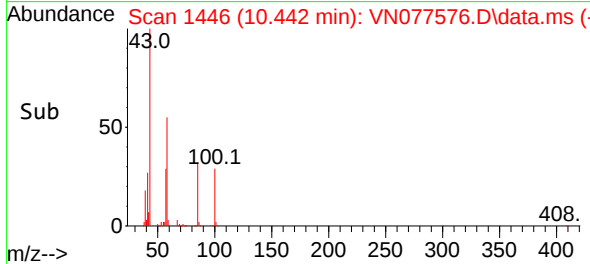
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 199015
Ion Ratio Lower Upper
43 100
58 48.0 36.6 54.8

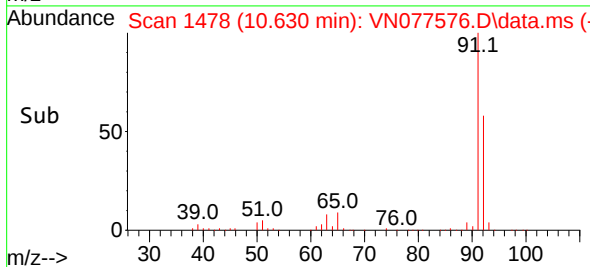
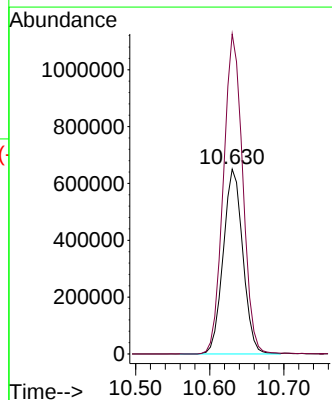
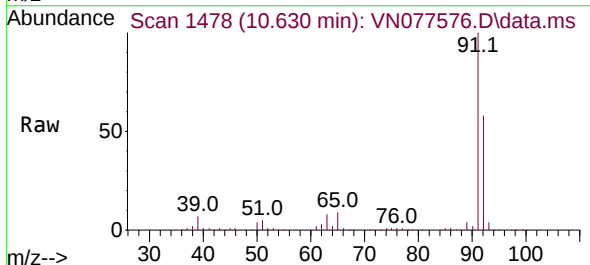
Manual Integrations
APPROVED

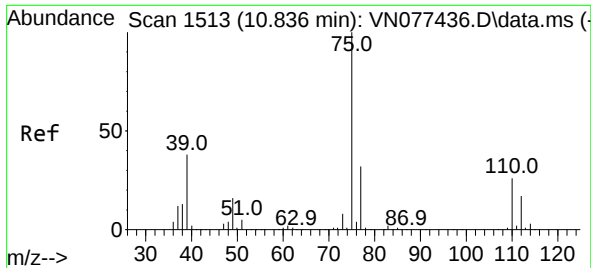
Reviewed By :John Carlone 05/05/2023
Supervised By :Mahesh Dadoda 05/05/2023



#52
Toluene
Concen: 51.966 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VN077576.D
Acq: 04 May 2023 09:39

Tgt Ion: 92 Resp: 1191893
Ion Ratio Lower Upper
92 100
91 171.4 137.4 206.0





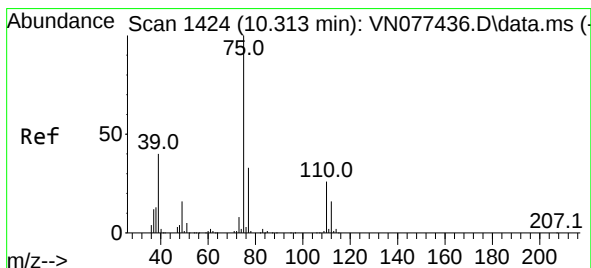
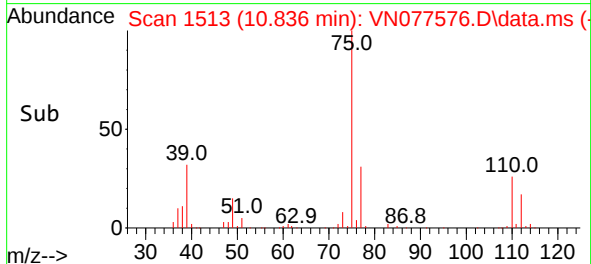
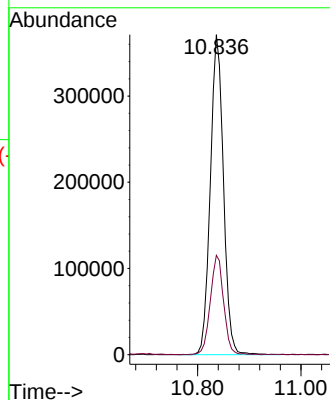
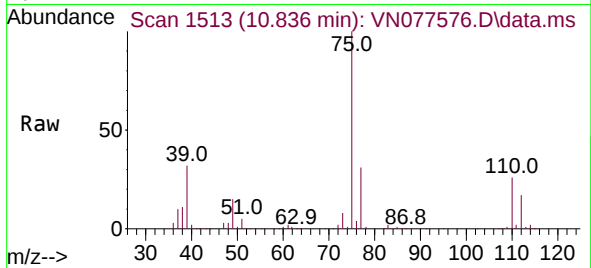
#53
 t-1,3-Dichloropropene
 Concen: 50.082 ug/l
 RT: 10.836 min Scan# 1513
 Delta R.T. -0.000 min
 Lab File: VN077576.D
 Acq: 04 May 2023 09:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 75 Resp: 65278
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.4 38.0

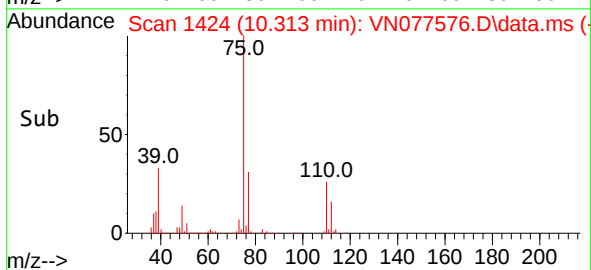
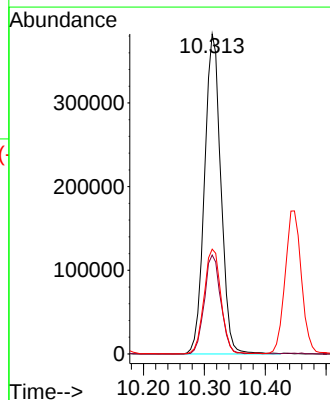
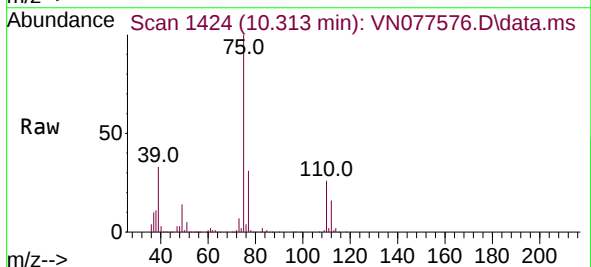
Manual Integrations
 APPROVED

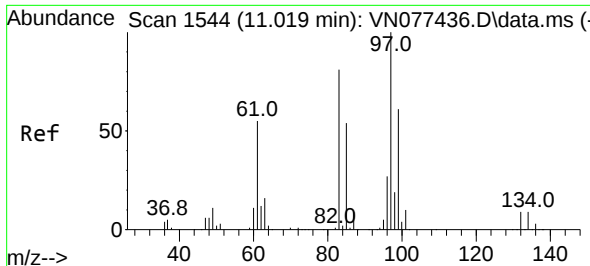
Reviewed By :John Carlone 05/05/2023
 Supervised By :Mahesh Dadoda 05/05/2023



#54
 cis-1,3-Dichloropropene
 Concen: 50.191 ug/l
 RT: 10.313 min Scan# 1424
 Delta R.T. -0.000 min
 Lab File: VN077576.D
 Acq: 04 May 2023 09:39

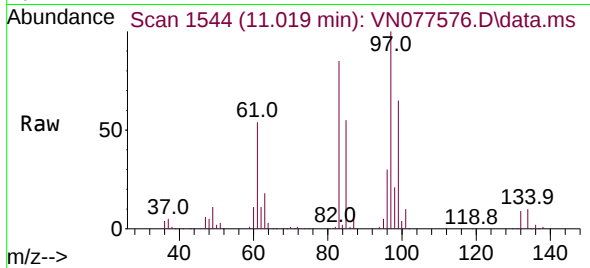
Tgt Ion: 75 Resp: 712085
 Ion Ratio Lower Upper
 75 100
 77 30.9 26.1 39.1
 39 32.7 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 51.592 ug/l
RT: 11.019 min Scan# 1544
Delta R.T. -0.000 min
Lab File: VN077576.D
Acq: 04 May 2023 09:39

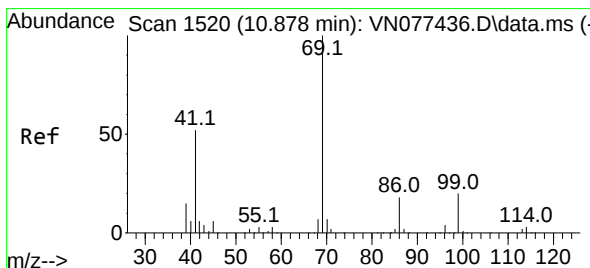
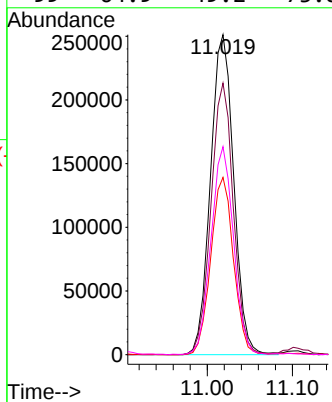
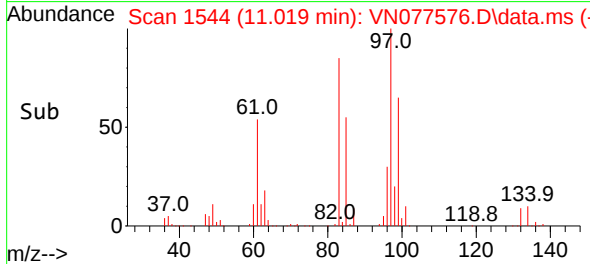
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



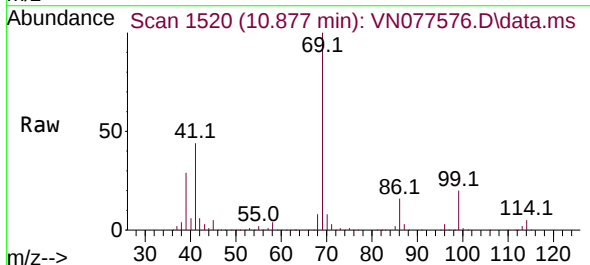
Tgt Ion: 97 Resp: 475839
Ion Ratio Lower Upper
97 100
83 84.8 65.1 97.7
85 55.4 43.4 65.2
99 64.9 49.2 73.8

Manual Integrations
APPROVED

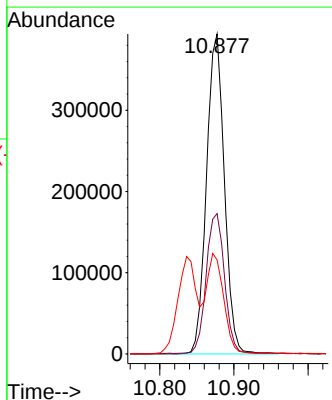
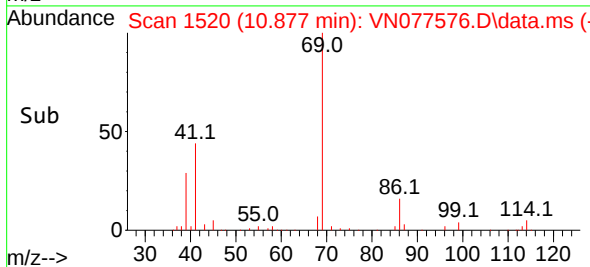
Reviewed By :John Carlone 05/05/2023
Supervised By :Mahesh Dadoda 05/05/2023

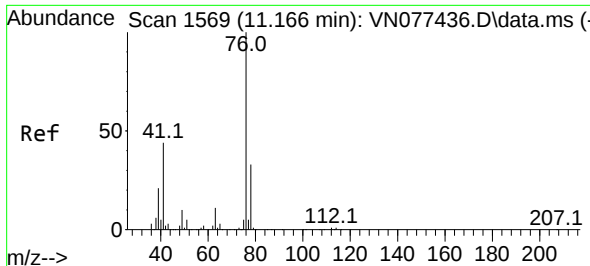


#56
Ethyl methacrylate
Concen: 51.067 ug/l
RT: 10.877 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VN077576.D
Acq: 04 May 2023 09:39



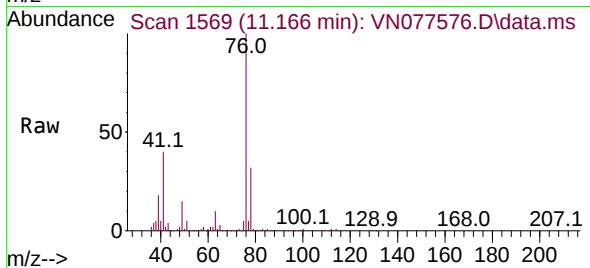
Tgt Ion: 69 Resp: 659973
Ion Ratio Lower Upper
69 100
41 44.8 39.6 59.4
39 30.6 28.6 43.0





#57
1,3-Dichloropropane
Concen: 51.673 ug/l
RT: 11.166 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VN077576.D
Acq: 04 May 2023 09:39

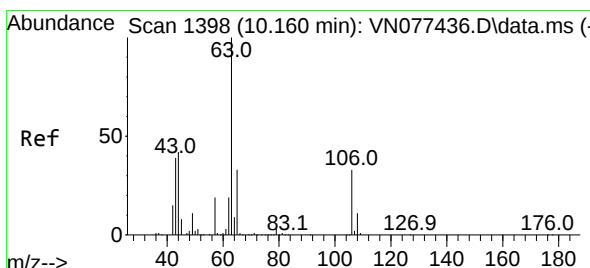
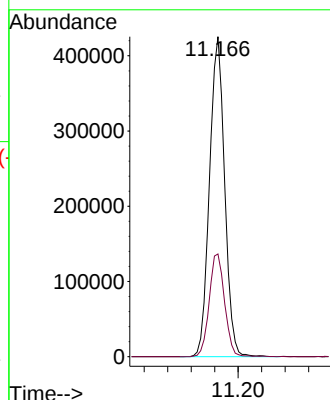
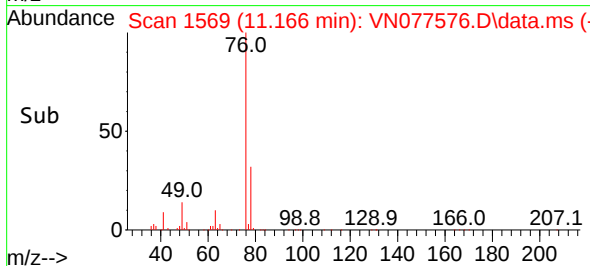
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



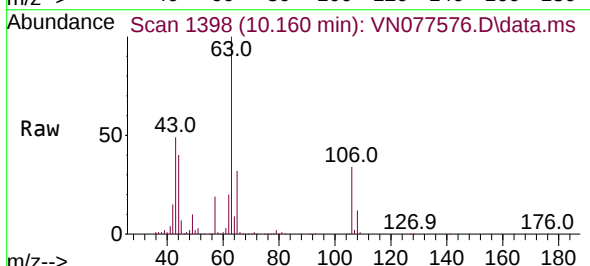
Tgt Ion: 76 Resp: 75914
Ion Ratio Lower Upper
76 100
78 32.6 26.1 39.1

Manual Integrations
APPROVED

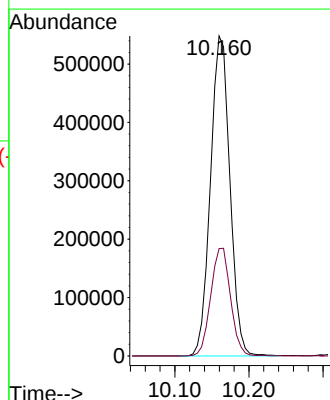
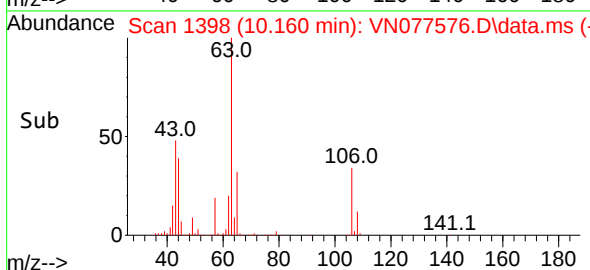
Reviewed By :John Carlone 05/05/2023
Supervised By :Mahesh Dadoda 05/05/2023

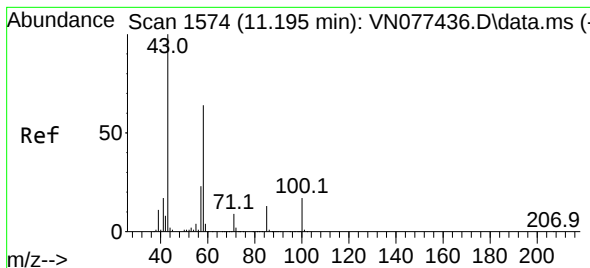


#58
2-Chloroethyl Vinyl ether
Concen: 228.449 ug/l
RT: 10.160 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VN077576.D
Acq: 04 May 2023 09:39



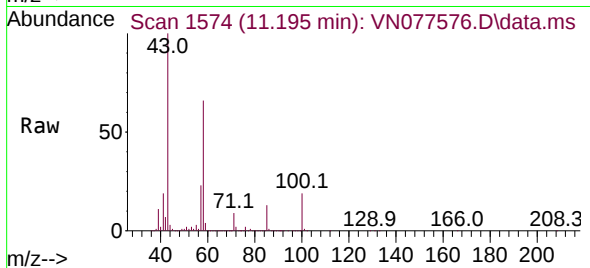
Tgt Ion: 63 Resp: 998613
Ion Ratio Lower Upper
63 100
106 34.3 26.2 39.4





#59
2-Hexanone
Concen: 220.943 ug/l
RT: 11.195 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077576.D
Acq: 04 May 2023 09:39

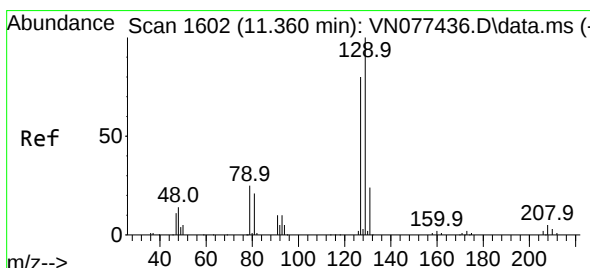
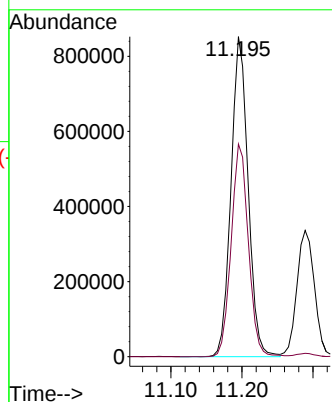
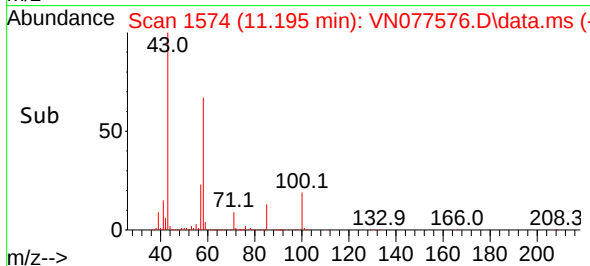
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 142319
Ion Ratio Lower Upper
43 100
58 67.0 31.7 95.1

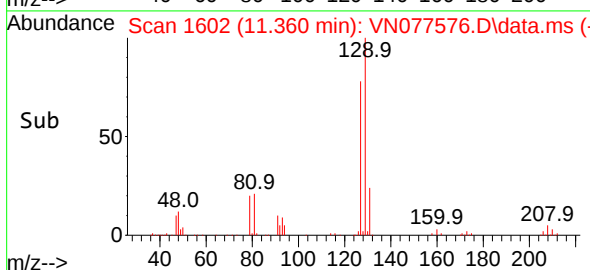
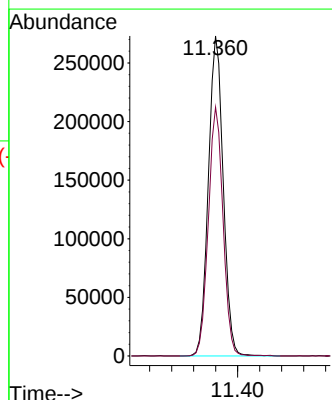
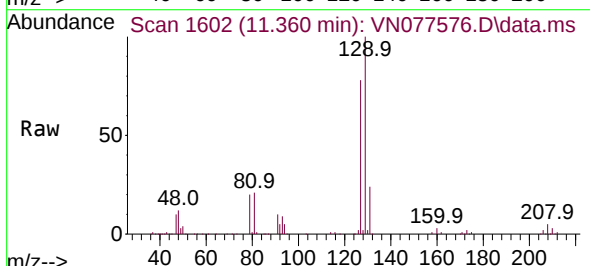
Manual Integrations
APPROVED

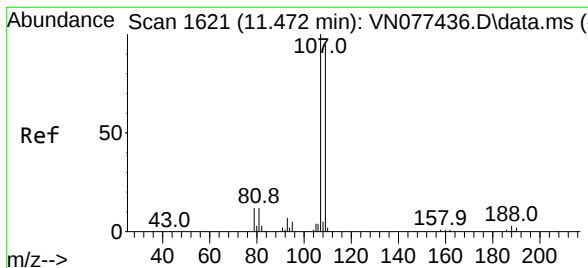
Reviewed By :John Carlone 05/05/2023
Supervised By :Mahesh Dadoda 05/05/2023



#60
Dibromochloromethane
Concen: 53.446 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN077576.D
Acq: 04 May 2023 09:39

Tgt Ion:129 Resp: 511586
Ion Ratio Lower Upper
129 100
127 76.9 38.6 116.0





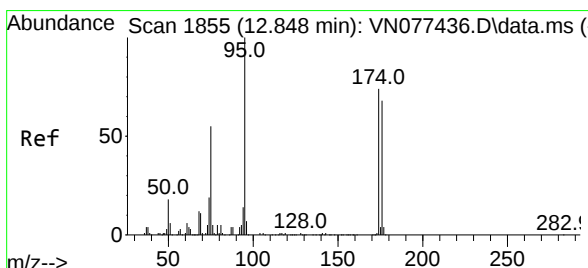
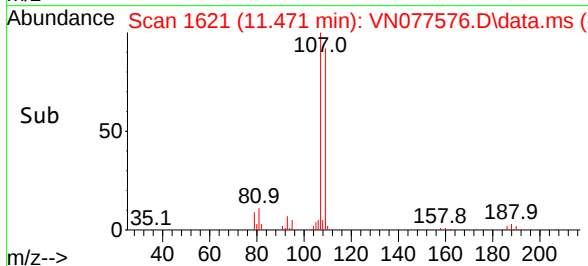
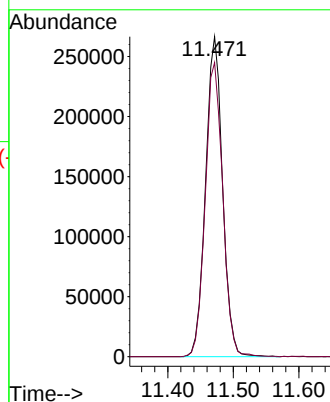
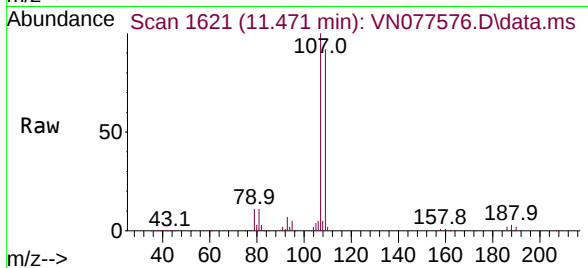
#61
1,2-Dibromoethane
Concen: 51.073 ug/l
RT: 11.471 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VN077576.D
Acq: 04 May 2023 09:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 480918
Ion Ratio Lower Upper
107 100
109 94.5 76.6 114.8

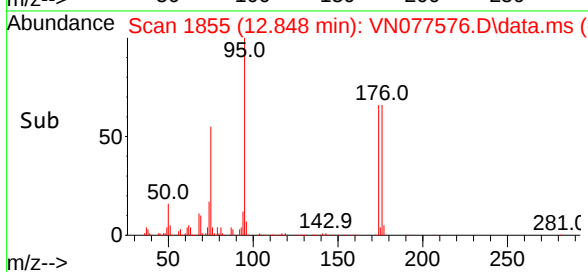
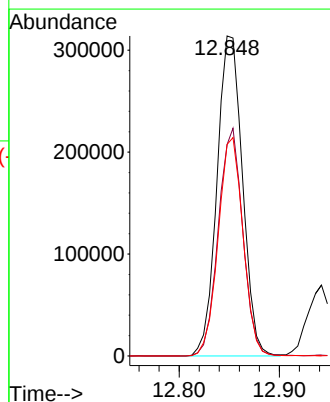
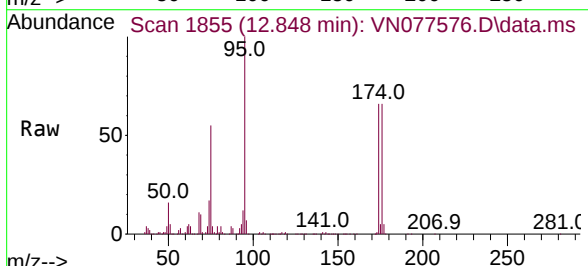
Manual Integrations
APPROVED

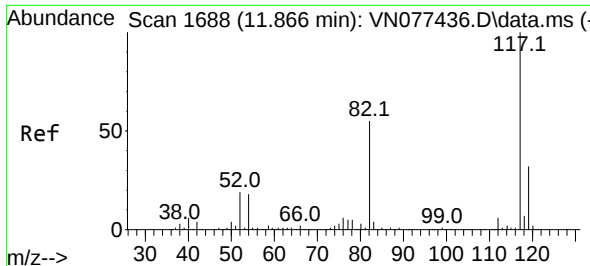
Reviewed By :John Carlone 05/05/2023
Supervised By :Mahesh Dadoda 05/05/2023



#62
4-Bromofluorobenzene
Concen: 55.573 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VN077576.D
Acq: 04 May 2023 09:39

Tgt Ion: 95 Resp: 554343
Ion Ratio Lower Upper
95 100
174 68.3 0.0 143.8
176 66.6 0.0 135.8





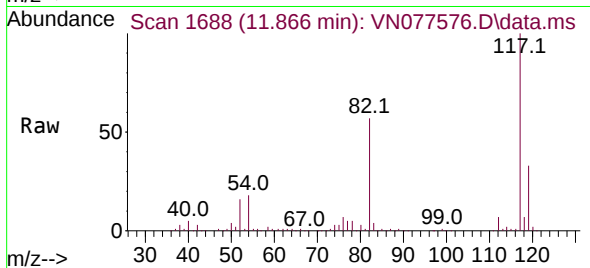
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN077576.D
Acq: 04 May 2023 09:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



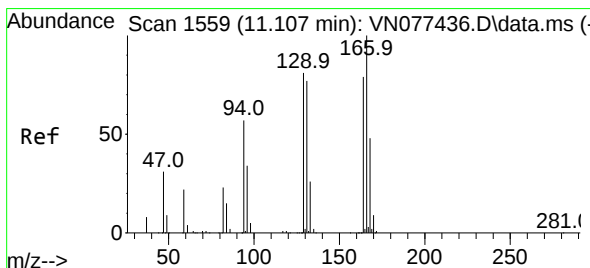
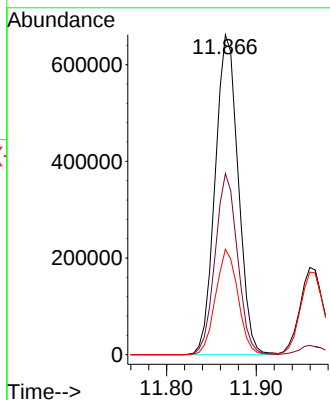
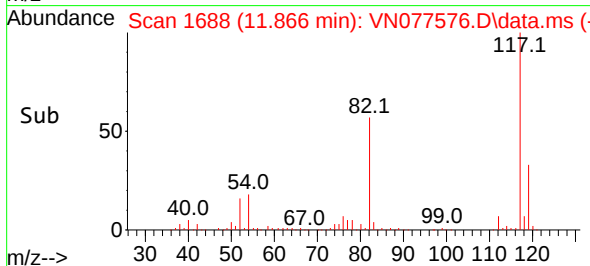
Tgt Ion:117 Resp: 118342
Ion Ratio Lower Upper
117 100
82 56.6 44.0 66.0
119 33.0 25.6 38.4

Manual Integrations

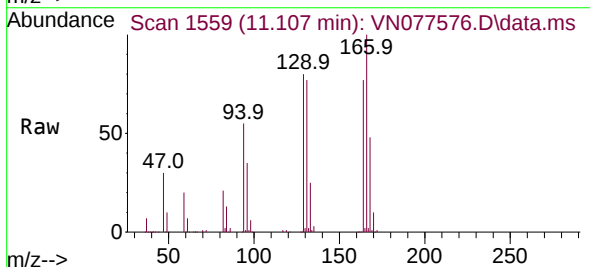
APPROVED

Reviewed By :John Carlone 05/05/2023

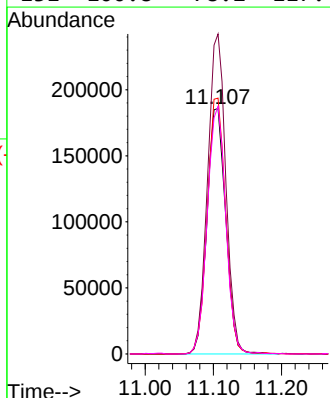
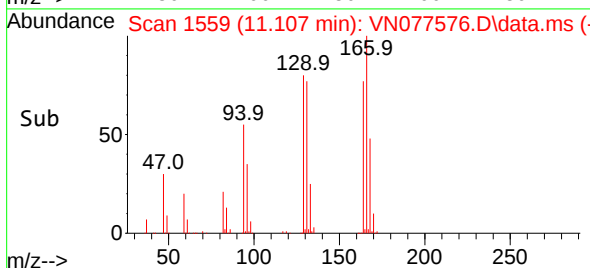
Supervised By :Mahesh Dadoda 05/05/2023

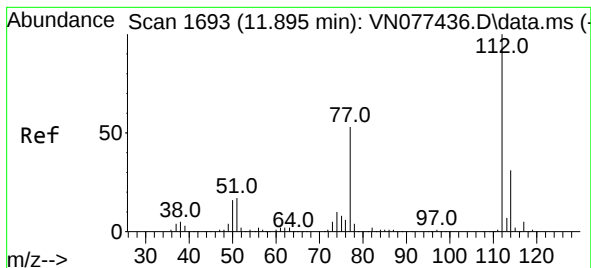


#64
Tetrachloroethene
Concen: 50.152 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN077576.D
Acq: 04 May 2023 09:39



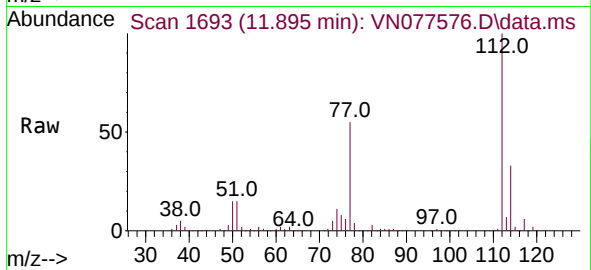
Tgt Ion:164 Resp: 355283
Ion Ratio Lower Upper
164 100
166 130.3 101.4 152.0
129 104.2 82.4 123.6
131 100.8 78.2 117.4





#65
Chlorobenzene
Concen: 50.484 ug/l
RT: 11.895 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN077576.D
Acq: 04 May 2023 09:39

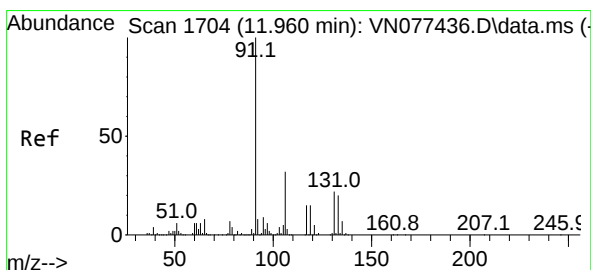
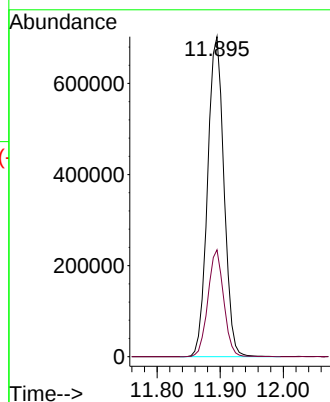
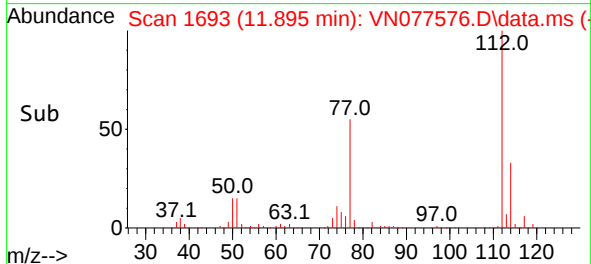
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



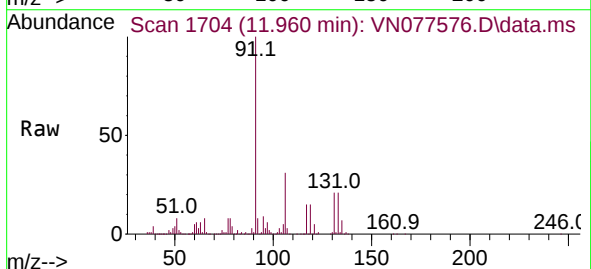
Tgt Ion:112 Resp: 126421
Ion Ratio Lower Upper
112 100
114 33.4 25.0 37.4

Manual Integrations
APPROVED

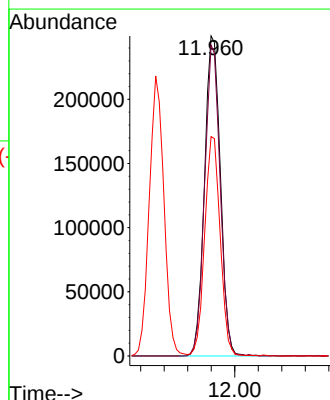
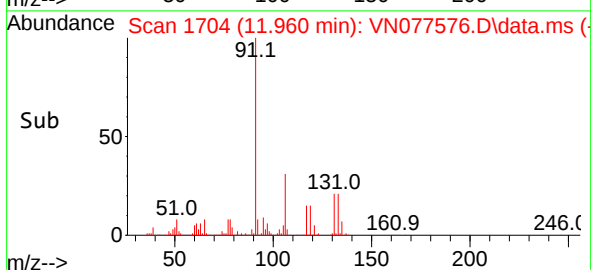
Reviewed By :John Carlone 05/05/2023
Supervised By :Mahesh Dadoda 05/05/2023

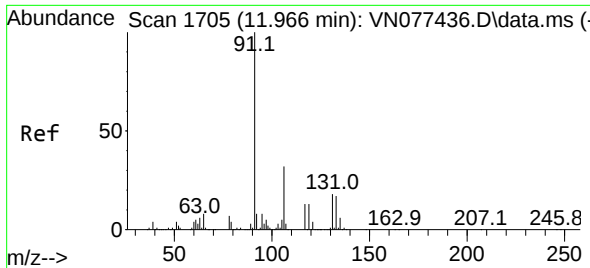


#66
1,1,1,2-Tetrachloroethane
Concen: 51.146 ug/l
RT: 11.960 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VN077576.D
Acq: 04 May 2023 09:39



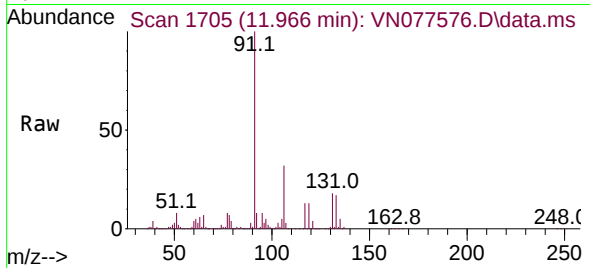
Tgt Ion:131 Resp: 465989
Ion Ratio Lower Upper
131 100
133 94.7 46.4 139.1
119 66.9 34.1 102.2





#67
Ethyl Benzene
Concen: 51.267 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077576.D
Acq: 04 May 2023 09:39

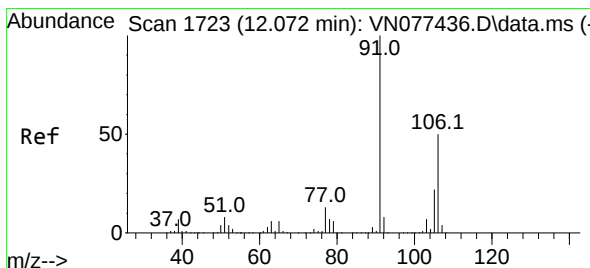
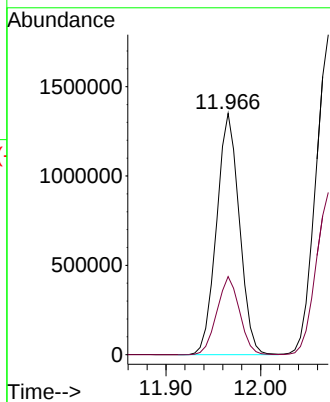
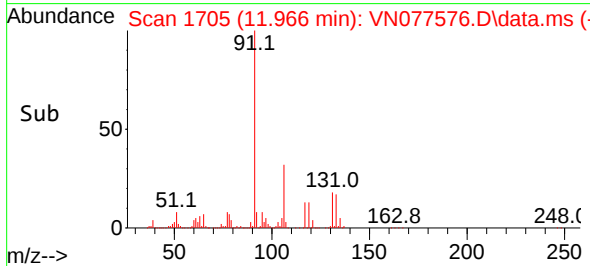
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



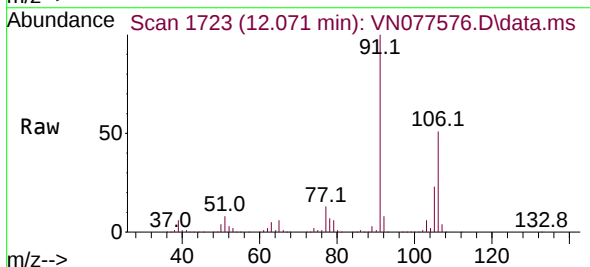
Tgt Ion: 91 Resp: 226003
Ion Ratio Lower Upper
91 100
106 32.4 25.6 38.4

Manual Integrations
APPROVED

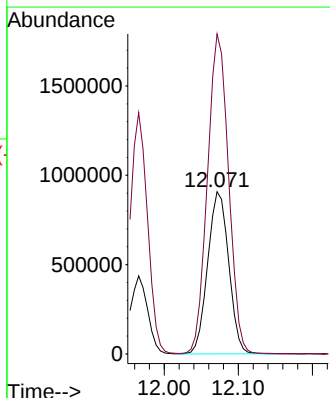
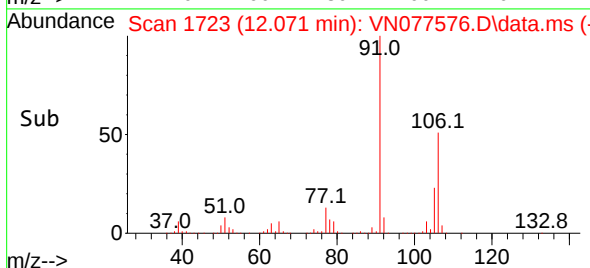
Reviewed By :John Carlone 05/05/2023
Supervised By :Mahesh Dadoda 05/05/2023

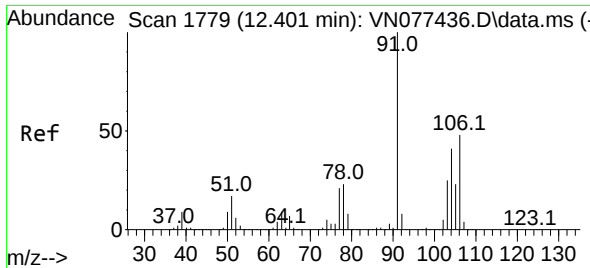


#68
m/p-Xylenes
Concen: 104.336 ug/l
RT: 12.071 min Scan# 1723
Delta R.T. -0.000 min
Lab File: VN077576.D
Acq: 04 May 2023 09:39



Tgt Ion:106 Resp: 1787631
Ion Ratio Lower Upper
106 100
91 198.6 159.6 239.4





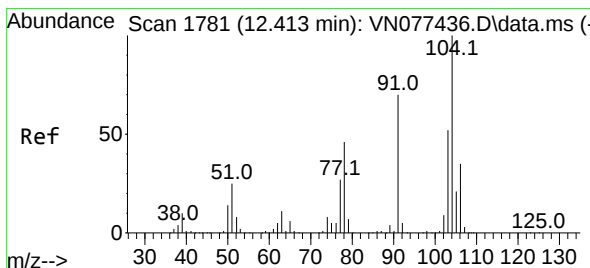
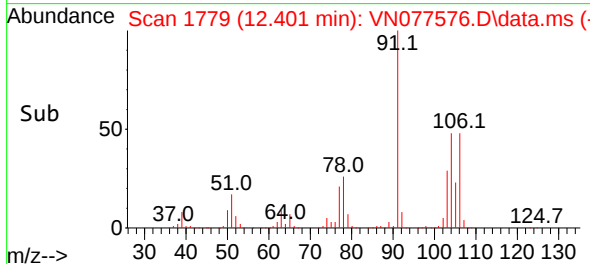
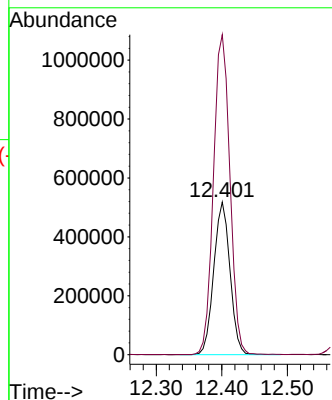
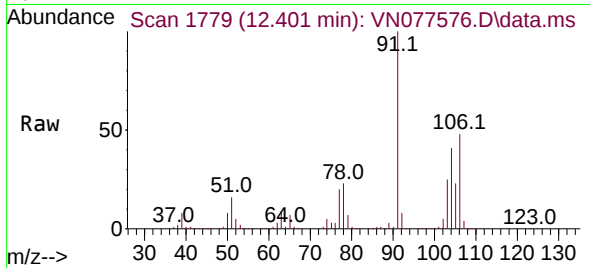
#69
o-Xylene
Concen: 52.790 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077576.D
Acq: 04 May 2023 09:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 889650
Ion Ratio Lower Upper
106 100
91 212.5 105.2 315.5

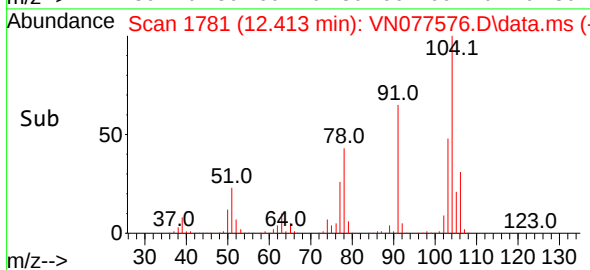
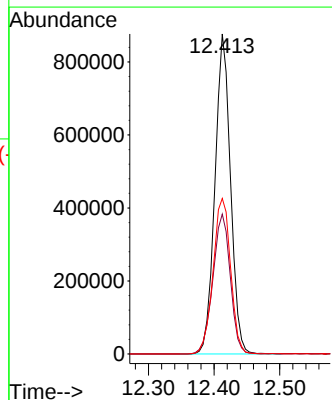
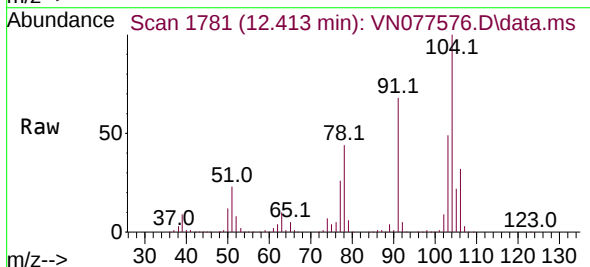
Manual Integrations
APPROVED

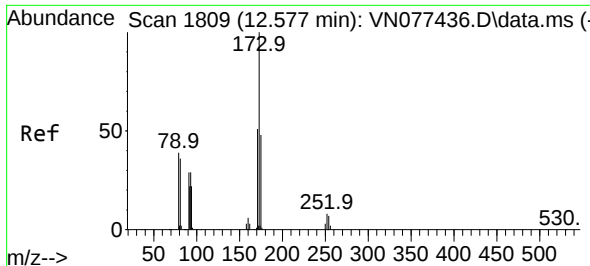
Reviewed By :John Carlone 05/05/2023
Supervised By :Mahesh Dadoda 05/05/2023



#70
Styrene
Concen: 54.736 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VN077576.D
Acq: 04 May 2023 09:39

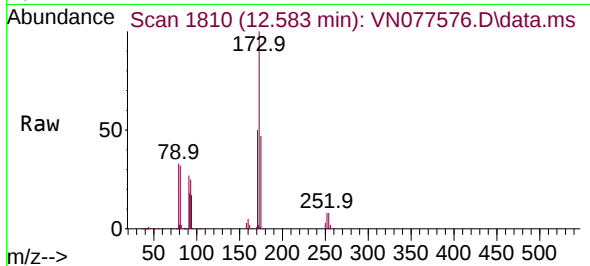
Tgt Ion:104 Resp: 1442597
Ion Ratio Lower Upper
104 100
78 48.7 39.5 59.3
103 54.6 43.2 64.8





#71
Bromoform
Concen: 54.180 ug/l
RT: 12.583 min Scan# 1809
Delta R.T. 0.006 min
Lab File: VN077576.D
Acq: 04 May 2023 09:39

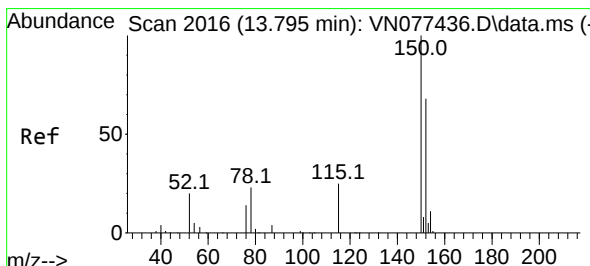
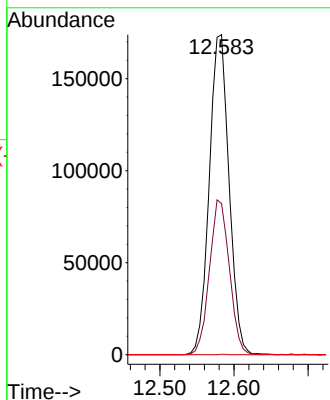
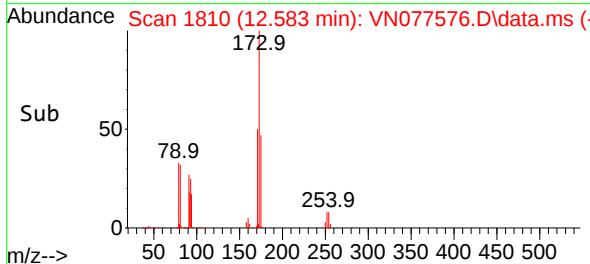
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



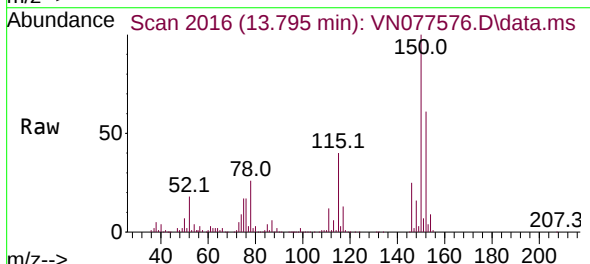
Tgt Ion:173 Resp: 32295
Ion Ratio Lower Upper
173 100
175 48.6 24.3 73.0
254 0.1 0.0 0.0

Manual Integrations
APPROVED

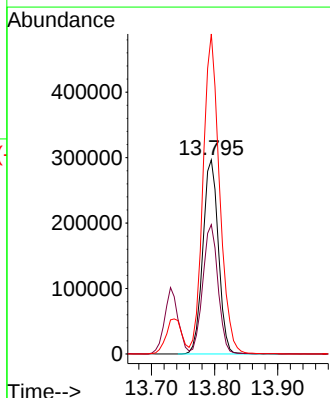
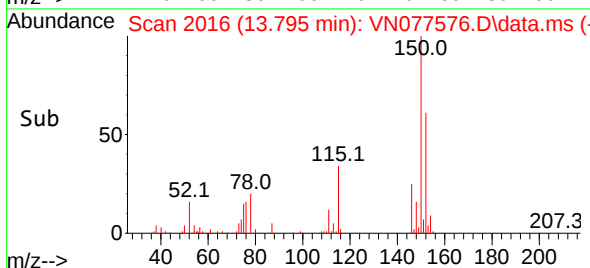
Reviewed By :John Carlone 05/05/2023
Supervised By :Mahesh Dadoda 05/05/2023

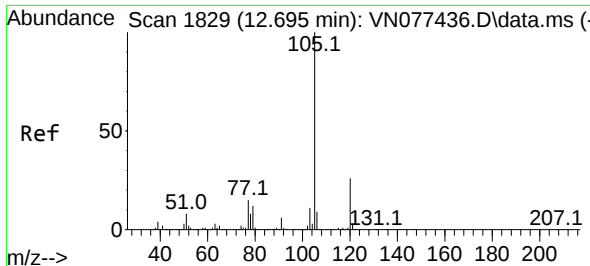


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN077576.D
Acq: 04 May 2023 09:39



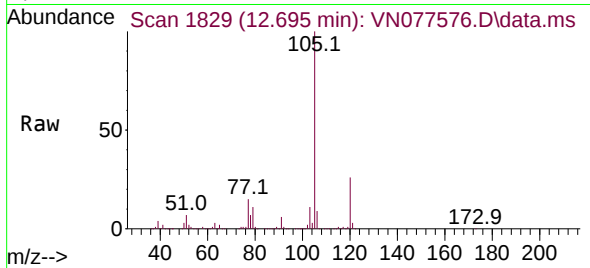
Tgt Ion:152 Resp: 505809
Ion Ratio Lower Upper
152 100
115 65.3 32.3 96.8
150 175.2 0.0 355.8





#73
Isopropylbenzene
Concen: 49.833 ug/l
RT: 12.695 min Scan# 1829
Delta R.T. -0.000 min
Lab File: VN077576.D
Acq: 04 May 2023 09:39

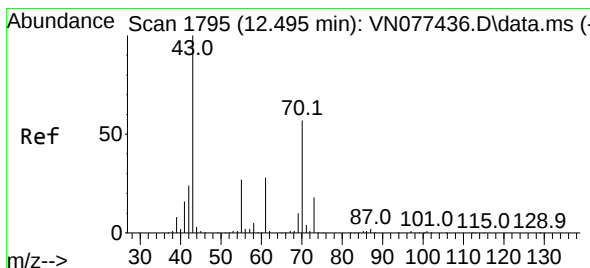
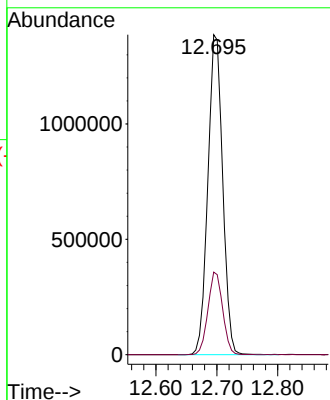
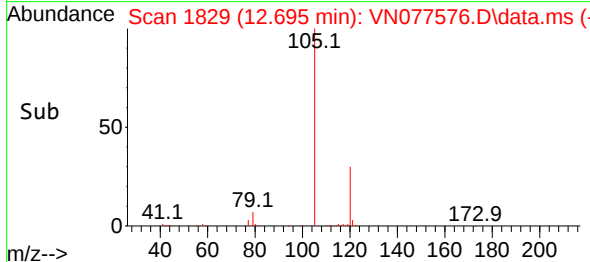
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



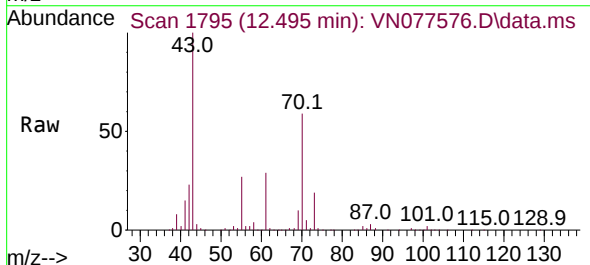
Tgt Ion:105 Resp: 233898
Ion Ratio Lower Upper
105 100
120 25.6 13.1 39.1

Manual Integrations
APPROVED

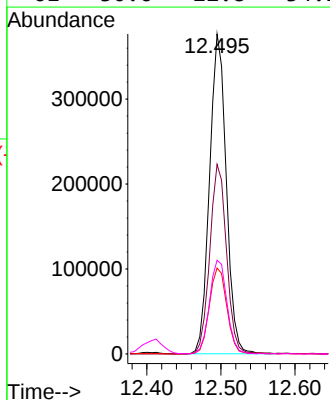
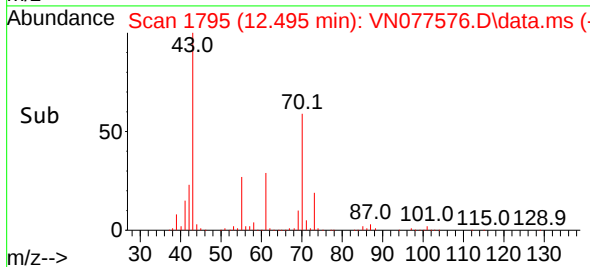
Reviewed By :John Carlone 05/05/2023
Supervised By :Mahesh Dadoda 05/05/2023

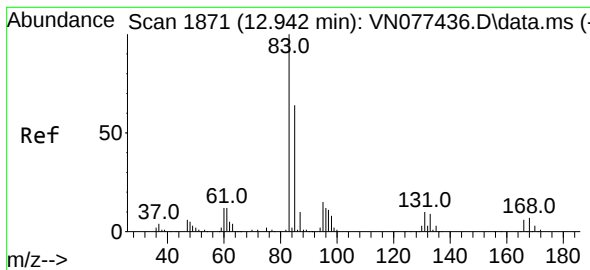


#74
N-ethyl acetate
Concen: 42.431 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VN077576.D
Acq: 04 May 2023 09:39



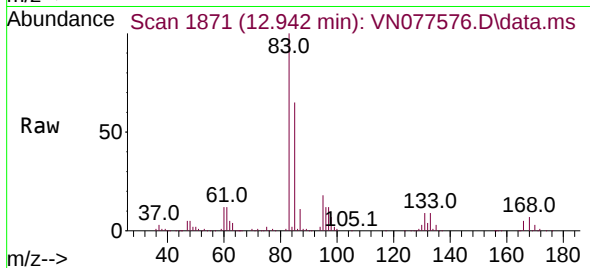
Tgt Ion: 43 Resp: 589622
Ion Ratio Lower Upper
43 100
70 59.4 43.4 65.2
55 28.1 21.4 32.0
61 30.6 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 45.877 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN077576.D
Acq: 04 May 2023 09:39

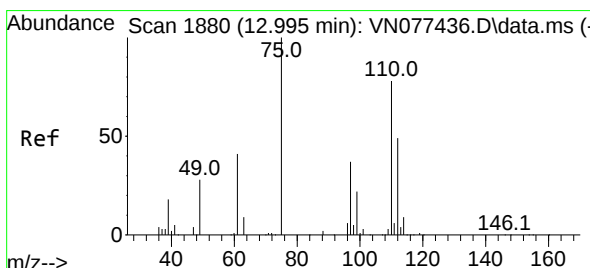
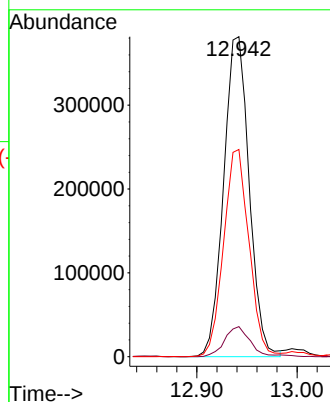
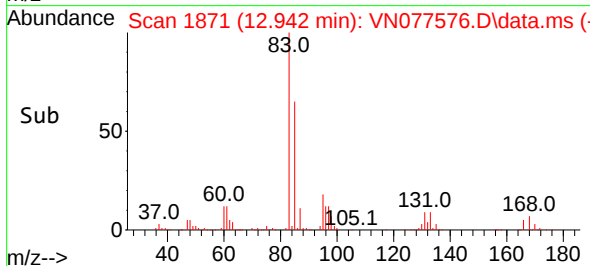
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



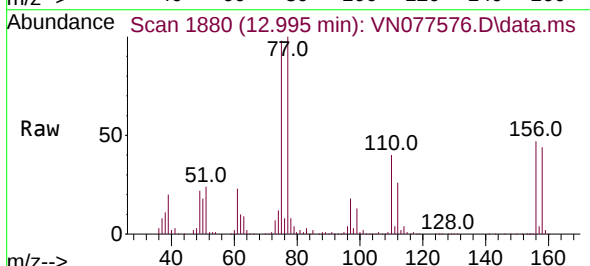
Tgt Ion: 83 Resp: 676583
Ion Ratio Lower Upper
83 100
131 9.6 5.0 15.0
85 64.4 31.9 95.7

Manual Integrations
APPROVED

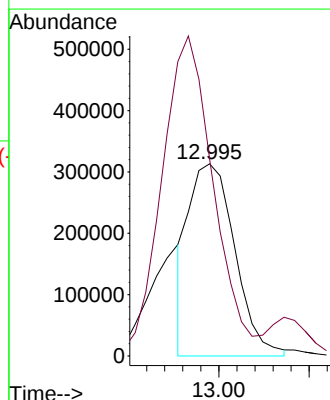
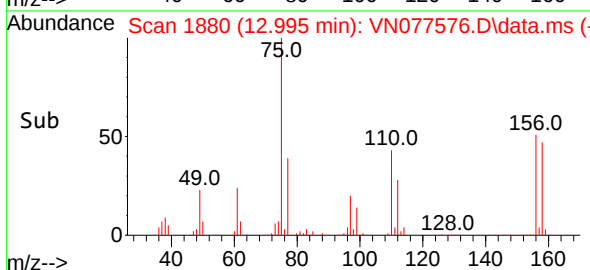
Reviewed By :John Carlone 05/05/2023
Supervised By :Mahesh Dadoda 05/05/2023

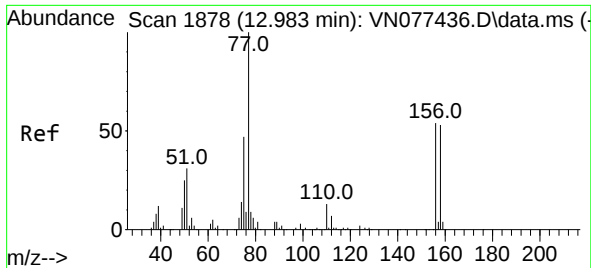


#76
1,2,3-Trichloropropane
Concen: 47.180 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN077576.D
Acq: 04 May 2023 09:39



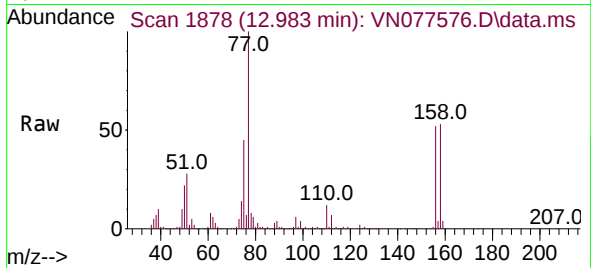
Tgt Ion: 75 Resp: 554933
Ion Ratio Lower Upper
75 100
77 185.9 84.5 253.5





#77
Bromobenzene
Concen: 48.026 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN077576.D
Acq: 04 May 2023 09:39

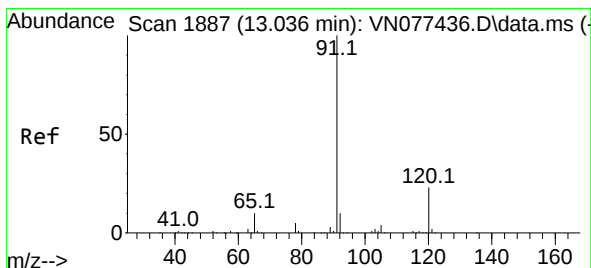
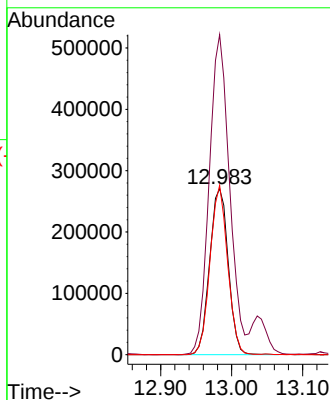
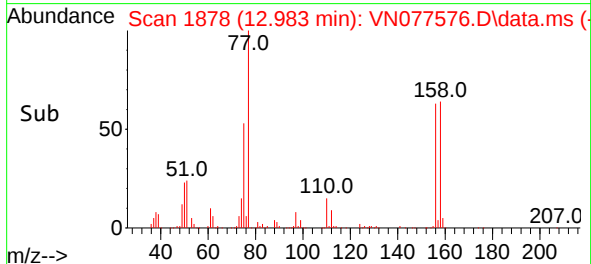
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



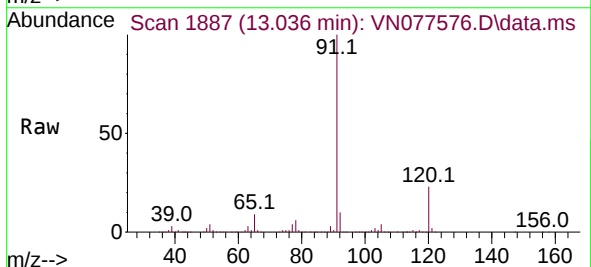
Tgt Ion:156 Resp: 491284
Ion Ratio Lower Upper
156 100
77 209.9 107.7 323.3
158 96.5 48.4 145.3

Manual Integrations
APPROVED

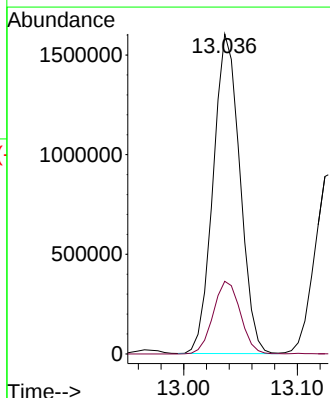
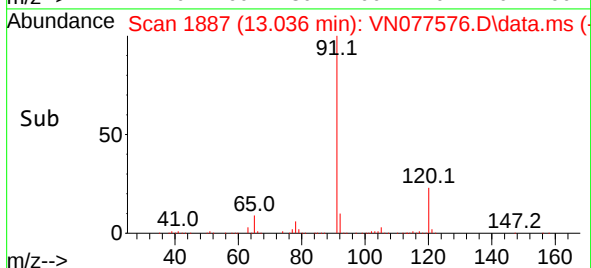
Reviewed By :John Carlone 05/05/2023
Supervised By :Mahesh Dadoda 05/05/2023

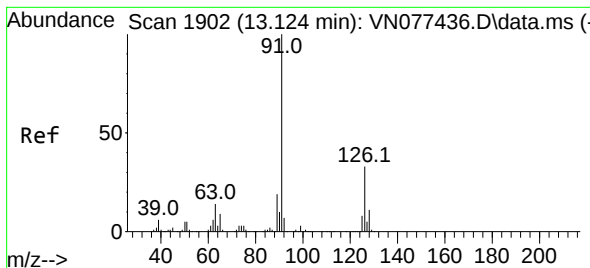


#78
n-propylbenzene
Concen: 50.495 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. -0.000 min
Lab File: VN077576.D
Acq: 04 May 2023 09:39



Tgt Ion: 91 Resp: 2620594
Ion Ratio Lower Upper
91 100
120 23.1 11.5 34.4





#79

2-Chlorotoluene

Concen: 49.740 ug/l

RT: 13.130 min Scan# 1902

Delta R.T. 0.006 min

Lab File: VN077576.D

Acq: 04 May 2023 09:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 159156

Ion Ratio Lower Upper

91 100

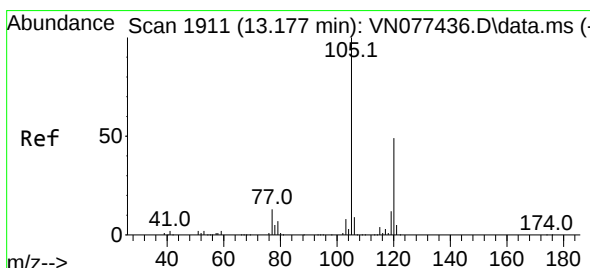
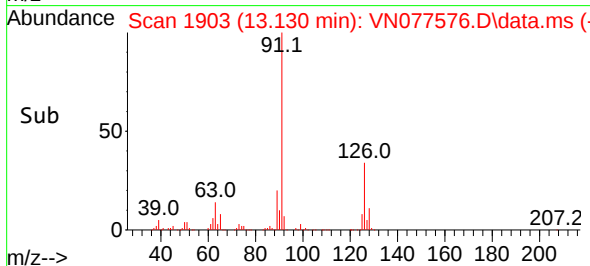
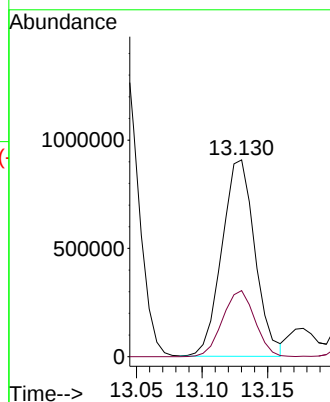
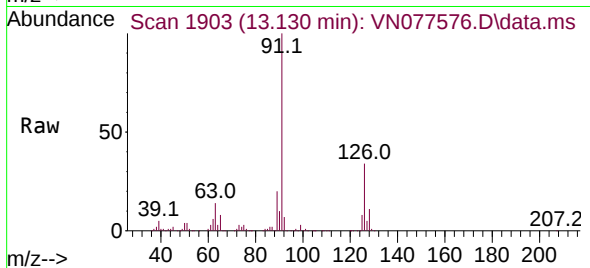
126 32.8 16.3 48.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/05/2023

Supervised By :Mahesh Dadoda 05/05/2023



#80

1,3,5-Trimethylbenzene

Concen: 55.329 ug/l

RT: 13.177 min Scan# 1911

Delta R.T. 0.000 min

Lab File: VN077576.D

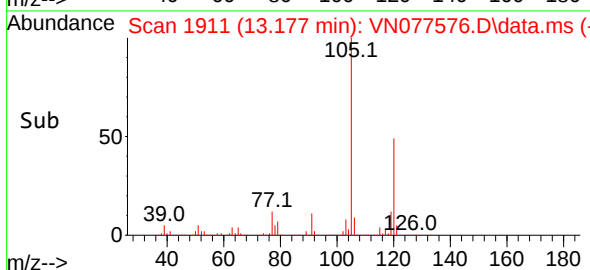
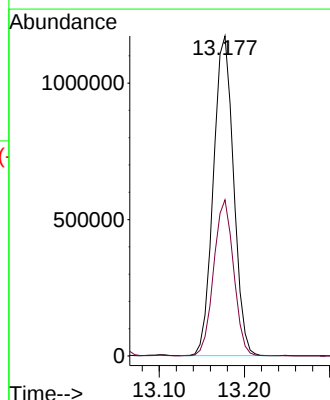
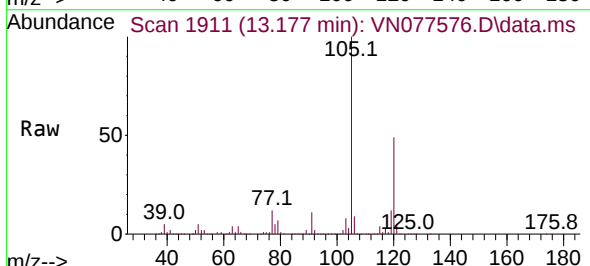
Acq: 04 May 2023 09:39

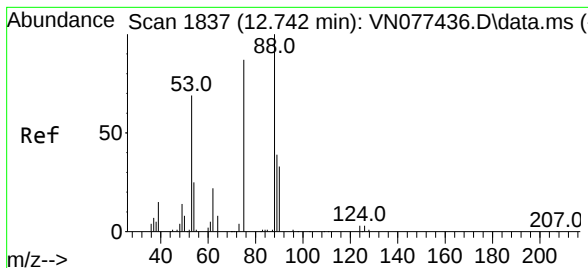
Tgt Ion:105 Resp: 1928603

Ion Ratio Lower Upper

105 100

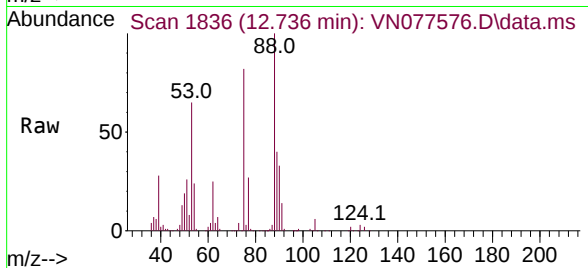
120 48.2 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 42.262 ug/l
RT: 12.736 min Scan# 1836
Delta R.T. -0.006 min
Lab File: VN077576.D
Acq: 04 May 2023 09:39

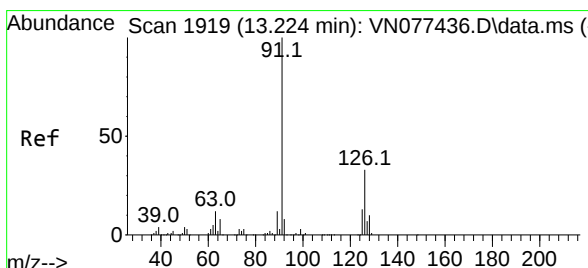
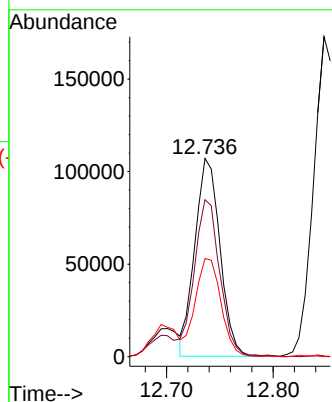
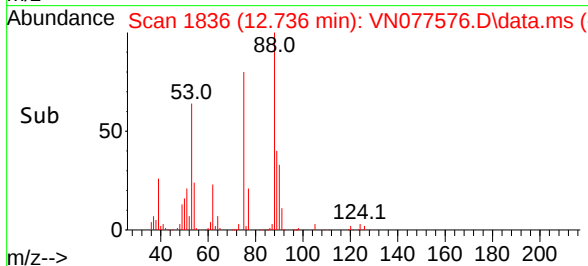
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 175952
Ion Ratio Lower Upper
75 100
53 81.9 67.4 101.2
89 50.9 38.8 58.2

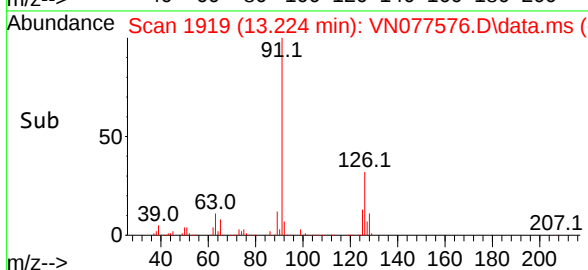
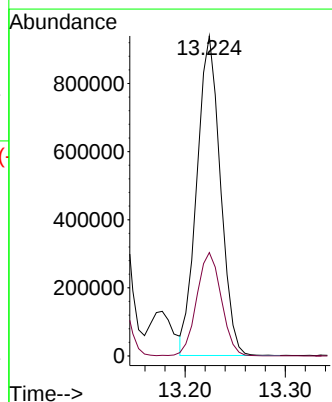
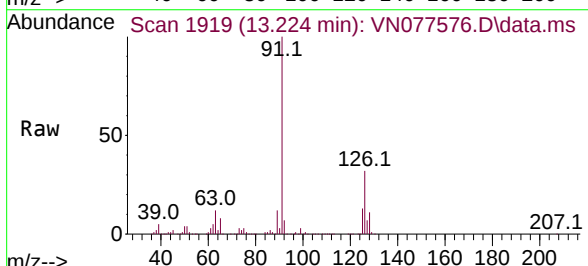
Manual Integrations
APPROVED

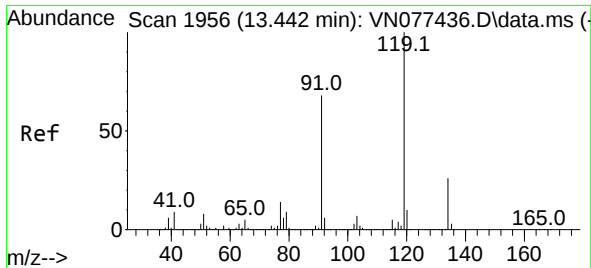
Reviewed By :John Carlone 05/05/2023
Supervised By :Mahesh Dadoda 05/05/2023



#82
4-Chlorotoluene
Concen: 51.118 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. -0.000 min
Lab File: VN077576.D
Acq: 04 May 2023 09:39

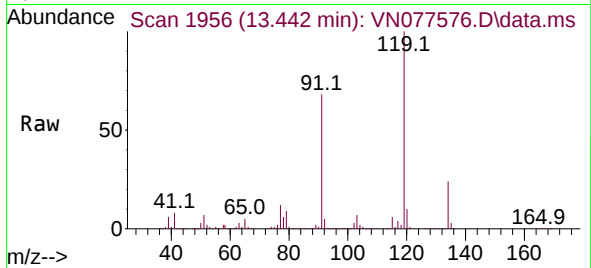
Tgt Ion: 91 Resp: 1528434
Ion Ratio Lower Upper
91 100
126 34.0 16.7 50.0





#83
tert-Butylbenzene
Concen: 50.451 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN077576.D
Acq: 04 May 2023 09:39

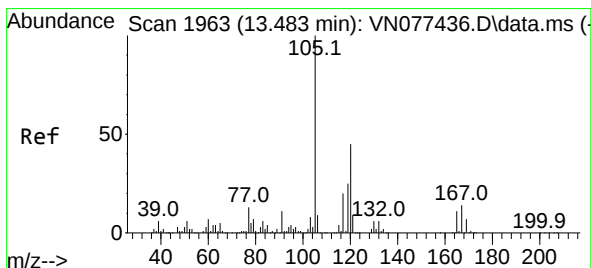
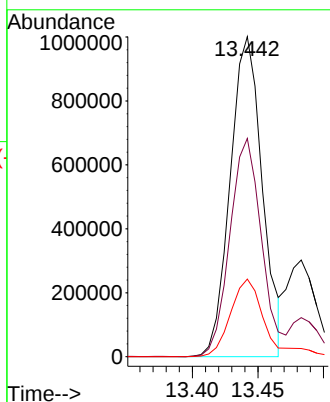
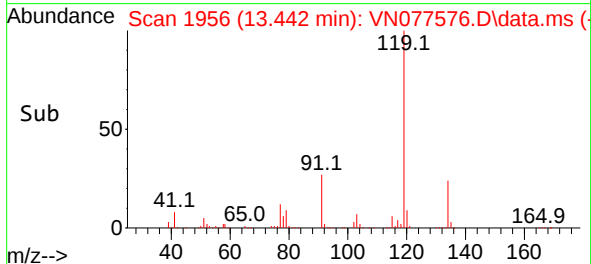
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



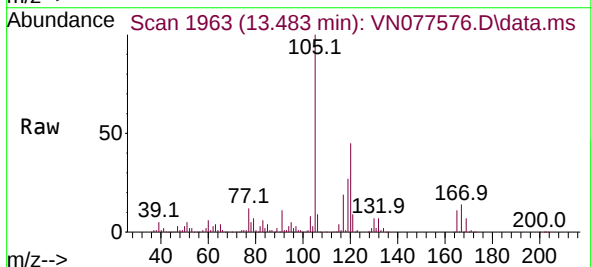
Tgt Ion:119 Resp: 170778
Ion Ratio Lower Upper
119 100
91 67.6 33.9 101.7
134 26.0 13.2 39.6

Manual Integrations
APPROVED

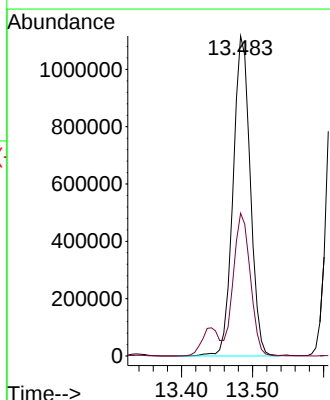
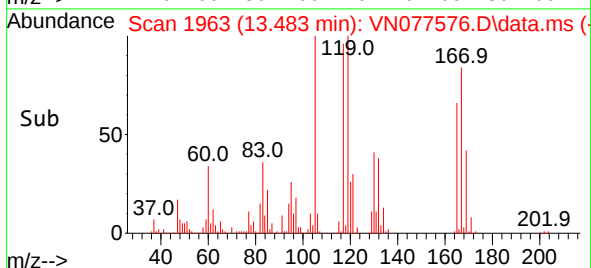
Reviewed By :John Carlone 05/05/2023
Supervised By :Mahesh Dadoda 05/05/2023

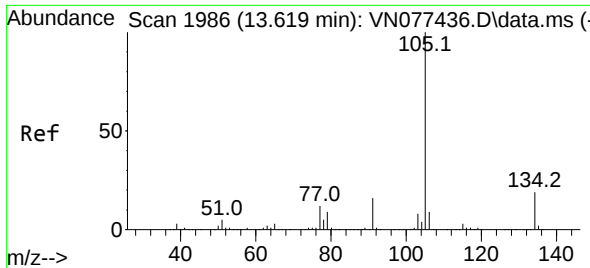


#84
1,2,4-Trimethylbenzene
Concen: 57.737 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. -0.000 min
Lab File: VN077576.D
Acq: 04 May 2023 09:39



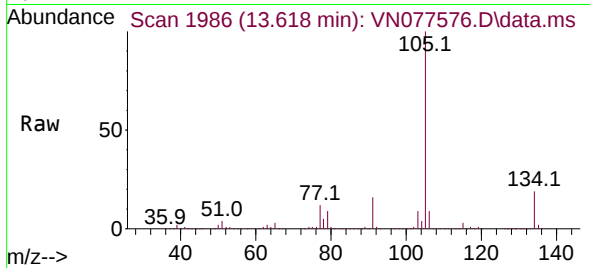
Tgt Ion:105 Resp: 1879525
Ion Ratio Lower Upper
105 100
120 43.9 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 52.139 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. -0.000 min
 Lab File: VN077576.D
 Acq: 04 May 2023 09:39

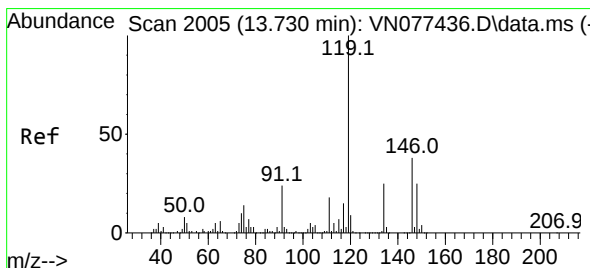
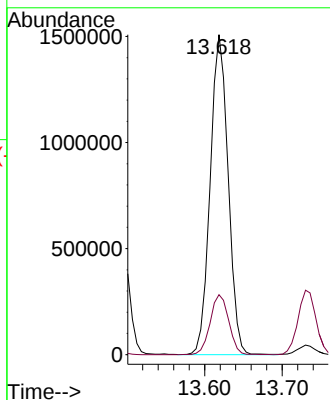
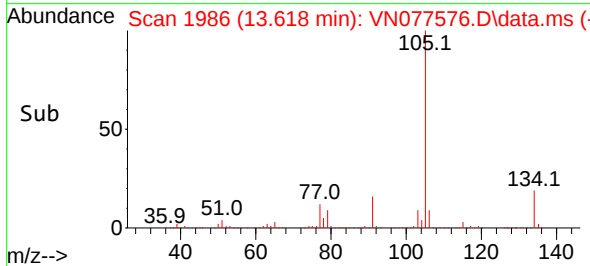
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



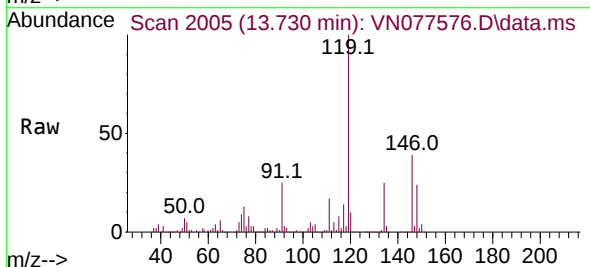
Tgt Ion:105 Resp: 242250
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.8 29.3

Manual Integrations
 APPROVED

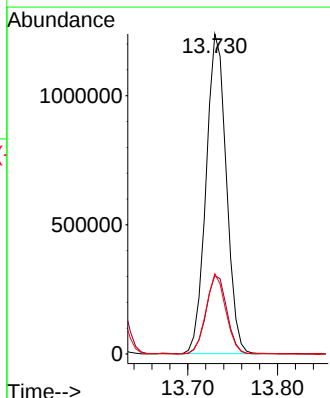
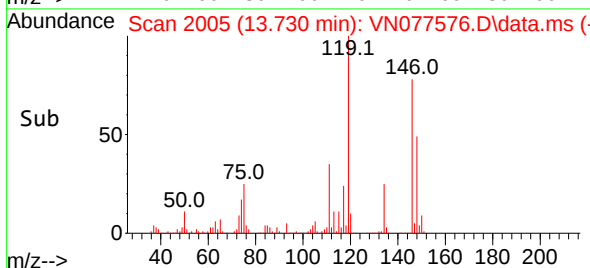
Reviewed By :John Carlone 05/05/2023
 Supervised By :Mahesh Dadoda 05/05/2023

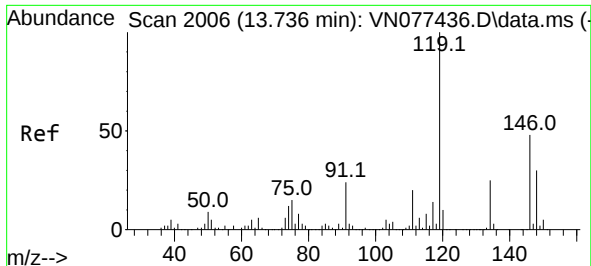


#86
 p-Isopropyltoluene
 Concen: 54.252 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. -0.000 min
 Lab File: VN077576.D
 Acq: 04 May 2023 09:39



Tgt Ion:119 Resp: 1939435
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.6 37.8
 91 24.4 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 50.072 ug/l

RT: 13.736 min Scan# 2006

Delta R.T. -0.000 min

Lab File: VN077576.D

Acq: 04 May 2023 09:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 91092

Ion Ratio Lower Upper

146 100

111 43.5 22.1 66.3

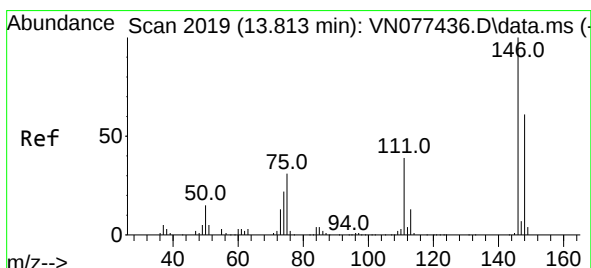
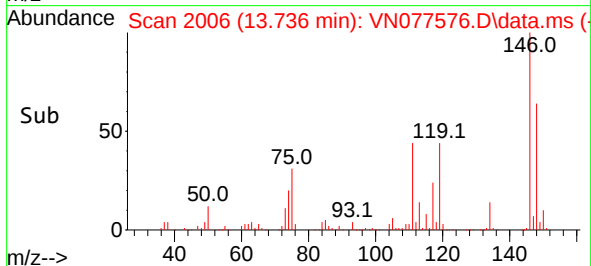
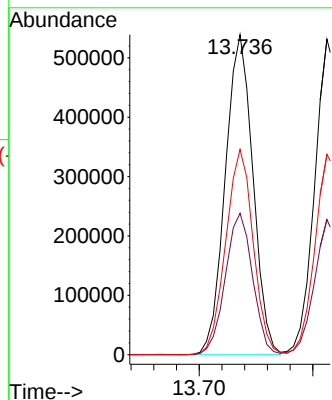
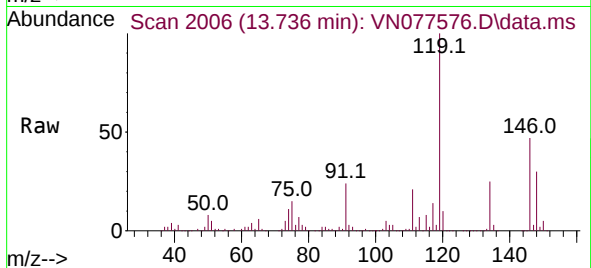
148 63.8 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/05/2023

Supervised By :Mahesh Dadoda 05/05/2023



#88

1,4-Dichlorobenzene

Concen: 49.902 ug/l

RT: 13.812 min Scan# 2019

Delta R.T. -0.000 min

Lab File: VN077576.D

Acq: 04 May 2023 09:39

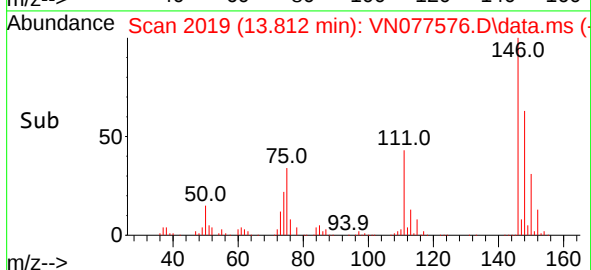
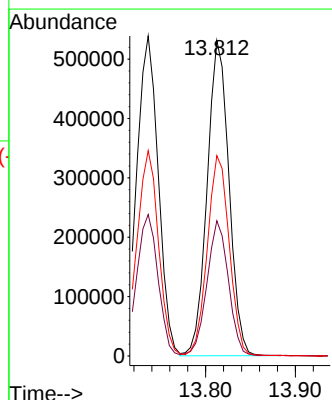
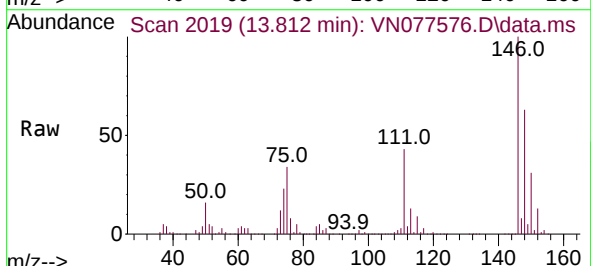
Tgt Ion:146 Resp: 896382

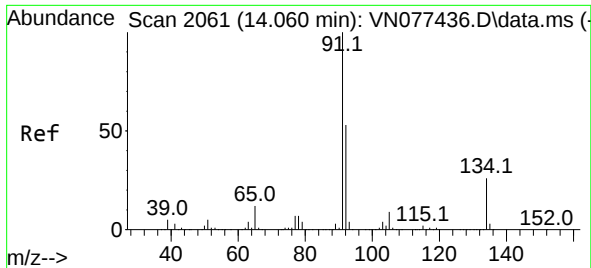
Ion Ratio Lower Upper

146 100

111 42.0 20.6 61.8

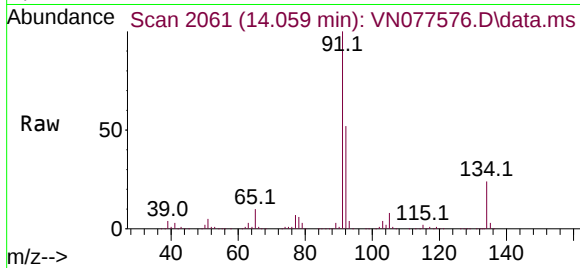
148 63.5 31.6 94.8





#89
n-Butylbenzene
Concen: 56.812 ug/l
RT: 14.059 min Scan# 2061
Delta R.T. -0.001 min
Lab File: VN077576.D
Acq: 04 May 2023 09:39

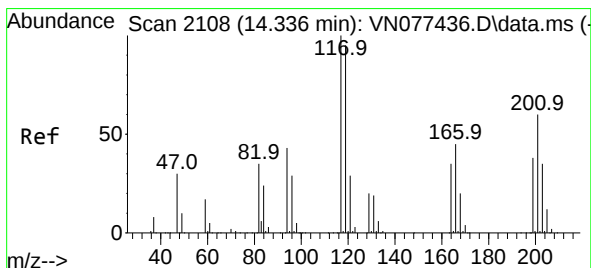
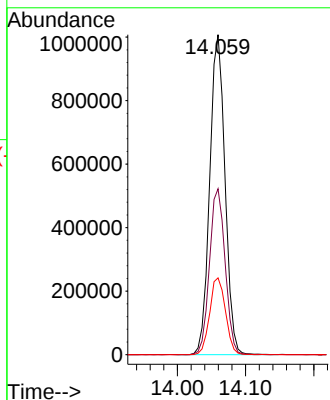
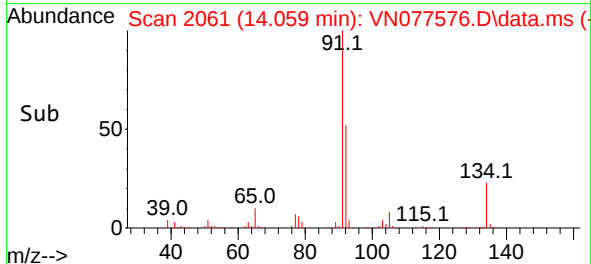
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 157174
Ion Ratio Lower Upper
91 100
92 53.0 26.4 79.0
134 24.8 12.6 37.6

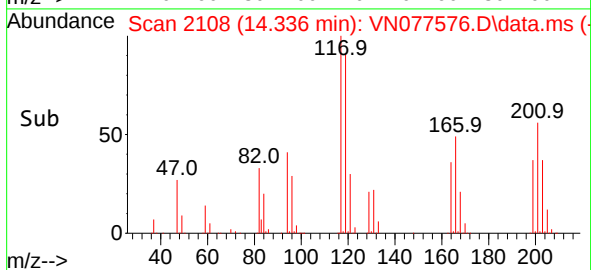
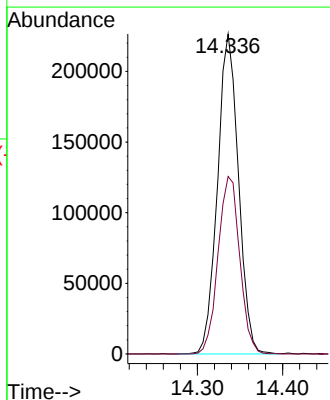
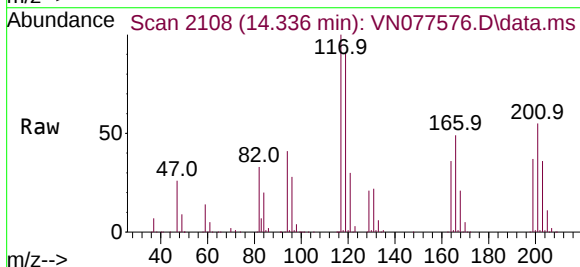
Manual Integrations
APPROVED

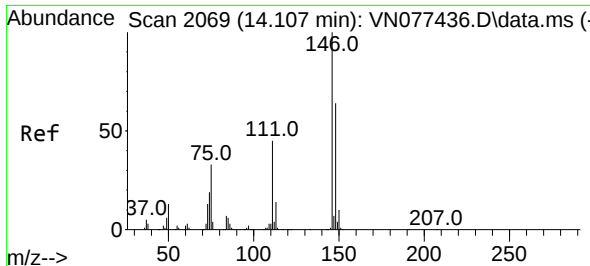
Reviewed By :John Carlone 05/05/2023
Supervised By :Mahesh Dadoda 05/05/2023



#90
Hexachloroethane
Concen: 49.078 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VN077576.D
Acq: 04 May 2023 09:39

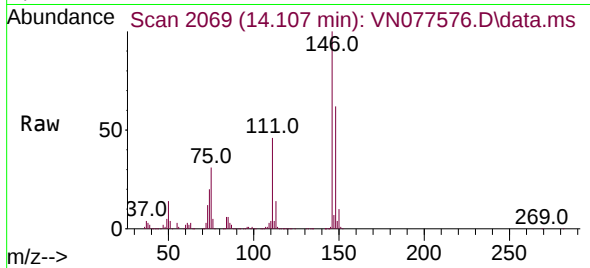
Tgt Ion:117 Resp: 387612
Ion Ratio Lower Upper
117 100
201 57.2 29.3 88.0





#91
1,2-Dichlorobenzene
Concen: 50.556 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. -0.000 min
Lab File: VN077576.D
Acq: 04 May 2023 09:39

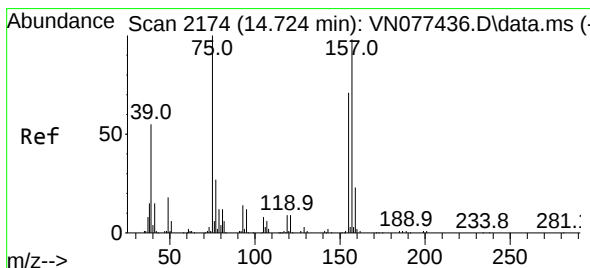
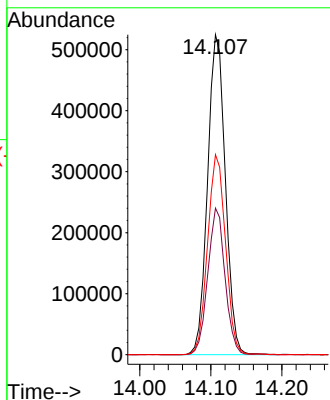
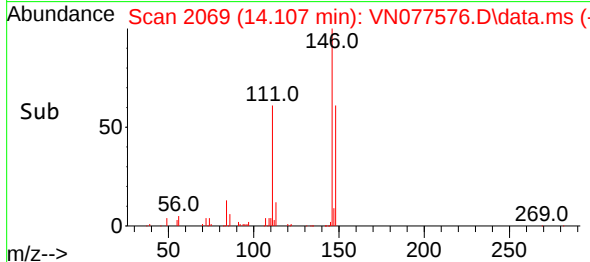
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



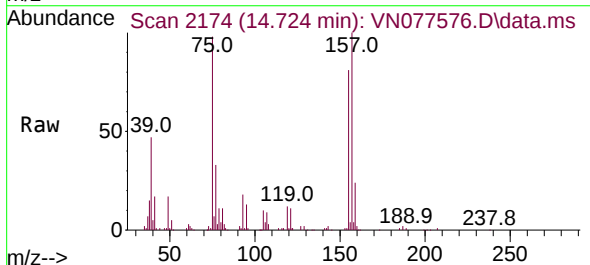
Tgt Ion:146 Resp: 912224
Ion Ratio Lower Upper
146 100
111 44.4 22.0 66.0
148 63.1 31.8 95.3

Manual Integrations
APPROVED

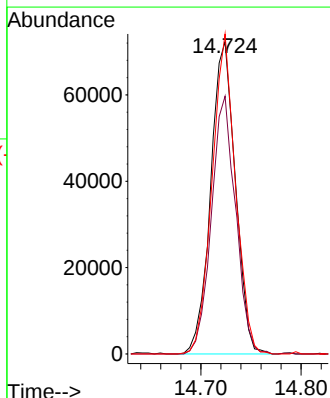
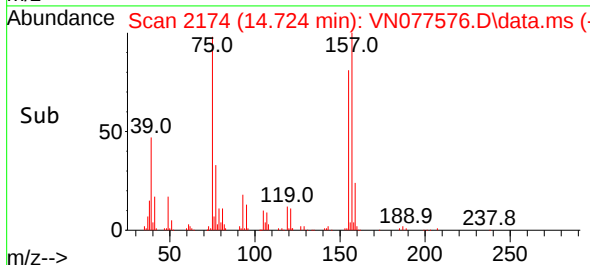
Reviewed By :John Carlone 05/05/2023
Supervised By :Mahesh Dadoda 05/05/2023

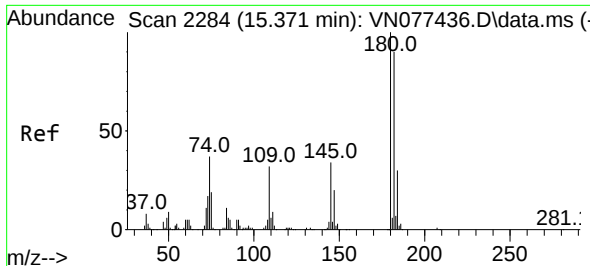


#92
1,2-Dibromo-3-Chloropropane
Concen: 45.315 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN077576.D
Acq: 04 May 2023 09:39



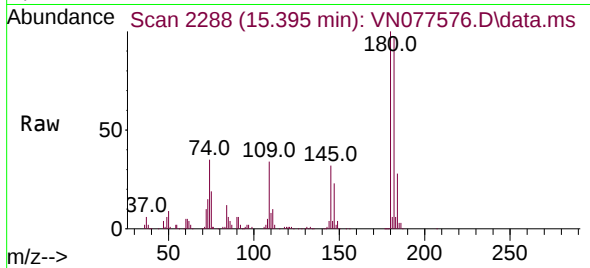
Tgt Ion: 75 Resp: 123582
Ion Ratio Lower Upper
75 100
155 81.1 39.1 117.2
157 97.5 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 49.833 ug/l
RT: 15.395 min Scan# 21
Delta R.T. 0.024 min
Lab File: VN077576.D
Acq: 04 May 2023 09:39

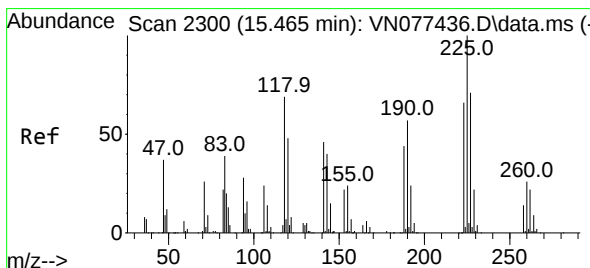
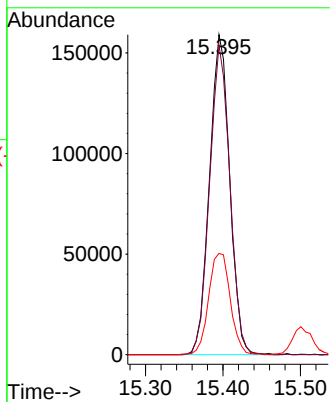
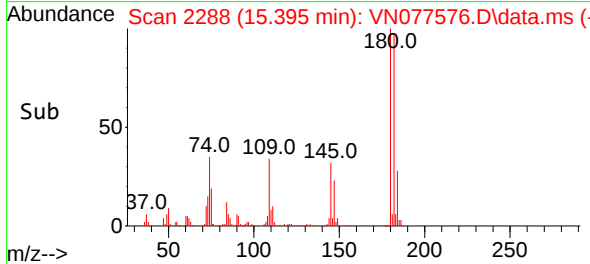
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:180 Resp: 28855
Ion Ratio Lower Upper
180 100
182 96.8 46.1 138.2
145 33.9 16.6 49.8

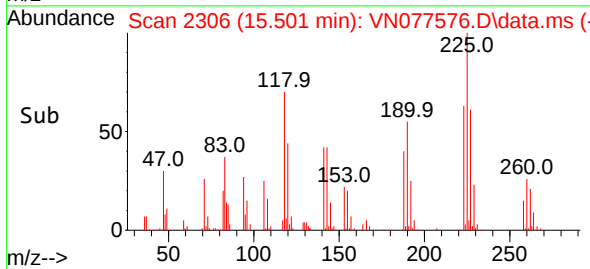
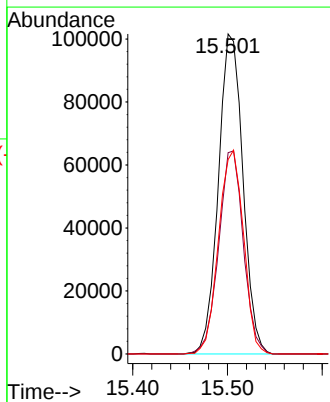
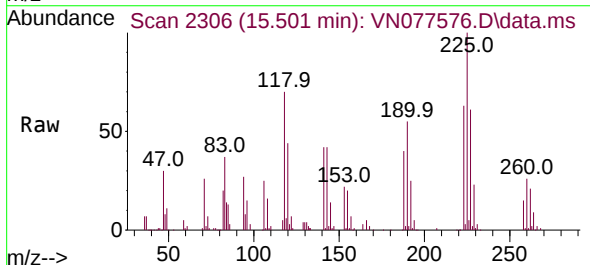
Manual Integrations
APPROVED

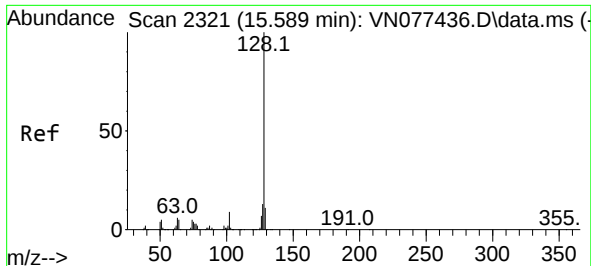
Reviewed By :John Carlone 05/05/2023
Supervised By :Mahesh Dadoda 05/05/2023



#94
Hexachlorobutadiene
Concen: 50.168 ug/l
RT: 15.501 min Scan# 2306
Delta R.T. 0.036 min
Lab File: VN077576.D
Acq: 04 May 2023 09:39

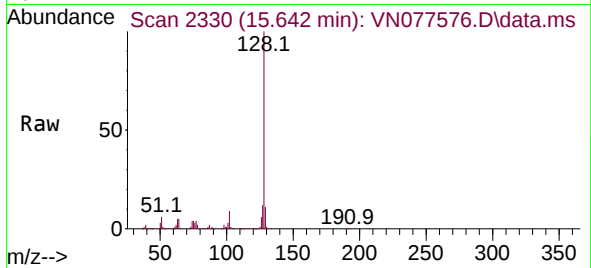
Tgt Ion:225 Resp: 182923
Ion Ratio Lower Upper
225 100
223 63.8 31.3 93.8
227 64.7 31.9 95.9





#95
Naphthalene
Concen: 50.918 ug/l
RT: 15.642 min Scan# 21
Delta R.T. 0.053 min
Lab File: VN077576.D
Acq: 04 May 2023 09:39

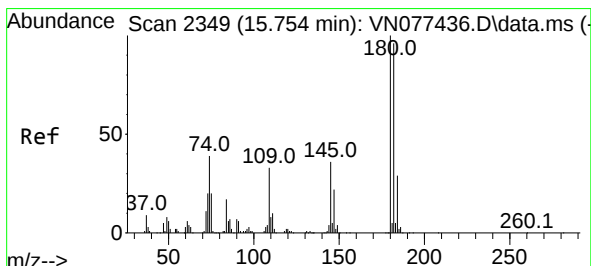
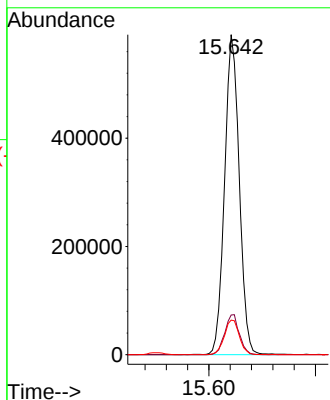
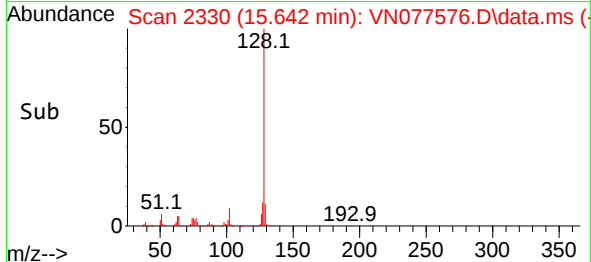
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



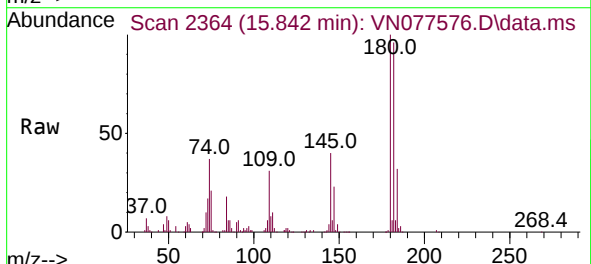
Tgt Ion:128 Resp: 113141
Ion Ratio Lower Upper
128 100
127 12.4 10.0 15.0
129 11.1 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/05/2023
Supervised By :Mahesh Dadoda 05/05/2023



#96
1,2,3-Trichlorobenzene
Concen: 49.352 ug/l
RT: 15.842 min Scan# 2364
Delta R.T. 0.088 min
Lab File: VN077576.D
Acq: 04 May 2023 09:39



Tgt Ion:180 Resp: 266409
Ion Ratio Lower Upper
180 100
182 96.6 46.2 138.6
145 37.6 17.5 52.6

