

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041123\
 Data File : VN077304.D
 Acq On : 11 Apr 2023 17:40
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/12/2023
 Supervised By : Mahesh Dadoda 04/12/2023

Quant Time: Apr 12 04:42:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N040523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 06 08:27:03 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	451371	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.101	114	873336	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	800665	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	360064	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	297960	48.299	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.600%		
35) Dibromofluoromethane	8.172	113	270120	48.315	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.620%		
50) Toluene-d8	10.572	98	1098831	48.822	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.640%		
62) 4-Bromofluorobenzene	12.854	95	376736	50.329	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.660%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.137	85	271262	47.085	ug/l	100
3) Chloromethane	2.372	50	315596	44.205	ug/l	96
4) Vinyl Chloride	2.525	62	464560	47.993	ug/l	99
5) Bromomethane	2.955	94	319176	45.483	ug/l	98
6) Chloroethane	3.131	64	302218	43.749	ug/l	96
7) Trichlorofluoromethane	3.507	101	475341	56.634	ug/l	93
8) Diethyl Ether	3.966	74	182885	51.998	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.378	101	272608	53.072	ug/l	98
10) Methyl Iodide	4.601	142	333937	53.456	ug/l	96
11) Tert butyl alcohol	5.525	59	261369	207.634	ug/l	100
12) 1,1-Dichloroethene	4.349	96	262996	49.739	ug/l	95
13) Acrolein	4.190	56	246780	206.994	ug/l	94
14) Allyl chloride	5.031	41	321632	40.275	ug/l #	85
15) Acrylonitrile	5.725	53	659519	236.990	ug/l	99
16) Acetone	4.431	43	494272	217.305	ug/l	95
17) Carbon Disulfide	4.725	76	716663	50.263	ug/l	100
18) Methyl Acetate	5.025	43	397454	45.881	ug/l	97
19) Methyl tert-butyl Ether	5.801	73	986843	52.599	ug/l	99
20) Methylene Chloride	5.290	84	317243	49.386	ug/l	93
21) trans-1,2-Dichloroethene	5.796	96	303526	52.429	ug/l	95
22) Diisopropyl ether	6.678	45	837652	52.319	ug/l	98
23) Vinyl Acetate	6.607	43	2788151	257.557	ug/l	99
24) 1,1-Dichloroethane	6.572	63	544150	52.633	ug/l	100
25) 2-Butanone	7.490	43	844914	228.879	ug/l	98
26) 2,2-Dichloropropane	7.495	77	525084	55.387	ug/l	100
27) cis-1,2-Dichloroethene	7.495	96	378252	53.503	ug/l	99
28) Bromochloromethane	7.819	49	215153	51.735	ug/l	98
29) Tetrahydrofuran	7.842	42	547811	230.851	ug/l	98
30) Chloroform	7.972	83	590865	53.593	ug/l	99
31) Cyclohexane	8.260	56	482765	50.362	ug/l	99
32) 1,1,1-Trichloroethane	8.172	97	543577	54.212	ug/l	97
36) 1,1-Dichloropropene	8.378	75	451030	54.545	ug/l	99
37) Ethyl Acetate	7.566	43	355652	48.072	ug/l	99
38) Carbon Tetrachloride	8.366	117	469297	55.396	ug/l	96
39) Methylcyclohexane	9.601	83	614447	55.108	ug/l	98
40) Benzene	8.613	78	1380055	53.508	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.778	41	179002	45.013	ug/l	95
42) 1,2-Dichloroethane	8.672	62	432382	54.470	ug/l	99
43) Isopropyl Acetate	8.689	43	660598	48.390	ug/l	100
44) Trichloroethene	9.354	130	337981	54.767	ug/l	96
45) 1,2-Dichloropropane	9.619	63	343228	56.033	ug/l	92
46) Dibromomethane	9.713	93	249188	53.994	ug/l	99
47) Bromodichloromethane	9.889	83	502871	54.515	ug/l	100
48) Methyl methacrylate	9.684	41	286172	49.140	ug/l	98
49) 1,4-Dioxane	9.701	88	132398	937.728	ug/l	96
51) 4-Methyl-2-Pentanone	10.448	43	1904219	241.319	ug/l	98
52) Toluene	10.631	92	937434	55.529	ug/l	99
53) t-1,3-Dichloropropene	10.836	75	557837	55.690	ug/l	100
54) cis-1,3-Dichloropropene	10.313	75	601346	56.361	ug/l	97
55) 1,1,2-Trichloroethane	11.019	97	352377	53.174	ug/l	98
56) Ethyl methacrylate	10.878	69	551593	53.440	ug/l	97
57) 1,3-Dichloropropane	11.166	76	594767	54.325	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.160	63	783165	254.887	ug/l	100
59) 2-Hexanone	11.195	43	1373603	233.658	ug/l	99
60) Dibromochloromethane	11.360	129	384539	56.342	ug/l	96
61) 1,2-Dibromoethane	11.472	107	363964	55.026	ug/l	100
64) Tetrachloroethene	11.107	164	268459	54.276	ug/l	97
65) Chlorobenzene	11.895	112	979335	55.557	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.966	131	349997	52.475	ug/l	99
67) Ethyl Benzene	11.966	91	1806794	55.545	ug/l	99
68) m/p-Xylenes	12.072	106	1427545	111.692	ug/l	99
69) o-Xylene	12.401	106	700185	55.531	ug/l	99
70) Styrene	12.413	104	1136972	56.034	ug/l	98
71) Bromoform	12.577	173	257463	54.837	ug/l #	98
73) Isopropylbenzene	12.701	105	1839100	52.587	ug/l	100
74) N-amyl acetate	12.495	43	612411	46.207	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.942	83	526090	47.934	ug/l	99
76) 1,2,3-Trichloropropane	12.995	75	378106m	44.099	ug/l	
77) Bromobenzene	12.983	156	368700	51.849	ug/l	95
78) n-propylbenzene	13.036	91	2094949	54.214	ug/l	100
79) 2-Chlorotoluene	13.130	91	1218332	52.361	ug/l	100
80) 1,3,5-Trimethylbenzene	13.177	105	1524895	54.591	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.742	75	179358	47.074	ug/l	95
82) 4-Chlorotoluene	13.224	91	1186370	54.079	ug/l	99
83) tert-Butylbenzene	13.442	119	1288341	51.817	ug/l	100
84) 1,2,4-Trimethylbenzene	13.483	105	1517102	54.975	ug/l	100
85) sec-Butylbenzene	13.619	105	1938325	55.939	ug/l	99
86) p-Isopropyltoluene	13.730	119	1557442	57.191	ug/l	99
87) 1,3-Dichlorobenzene	13.736	146	707392	53.770	ug/l	99
88) 1,4-Dichlorobenzene	13.813	146	705875	54.408	ug/l	99
89) n-Butylbenzene	14.060	91	1356078	59.984	ug/l	99
90) Hexachloroethane	14.336	117	313187	52.599	ug/l	96
91) 1,2-Dichlorobenzene	14.107	146	705476	53.603	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.724	75	95957	46.133	ug/l	96
93) 1,2,4-Trichlorobenzene	15.371	180	295051	62.103	ug/l	97
94) Hexachlorobutadiene	15.465	225	144088	52.393	ug/l	99
95) Naphthalene	15.589	128	1081742	60.611	ug/l	99
96) 1,2,3-Trichlorobenzene	15.760	180	277472	61.059	ug/l	99

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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

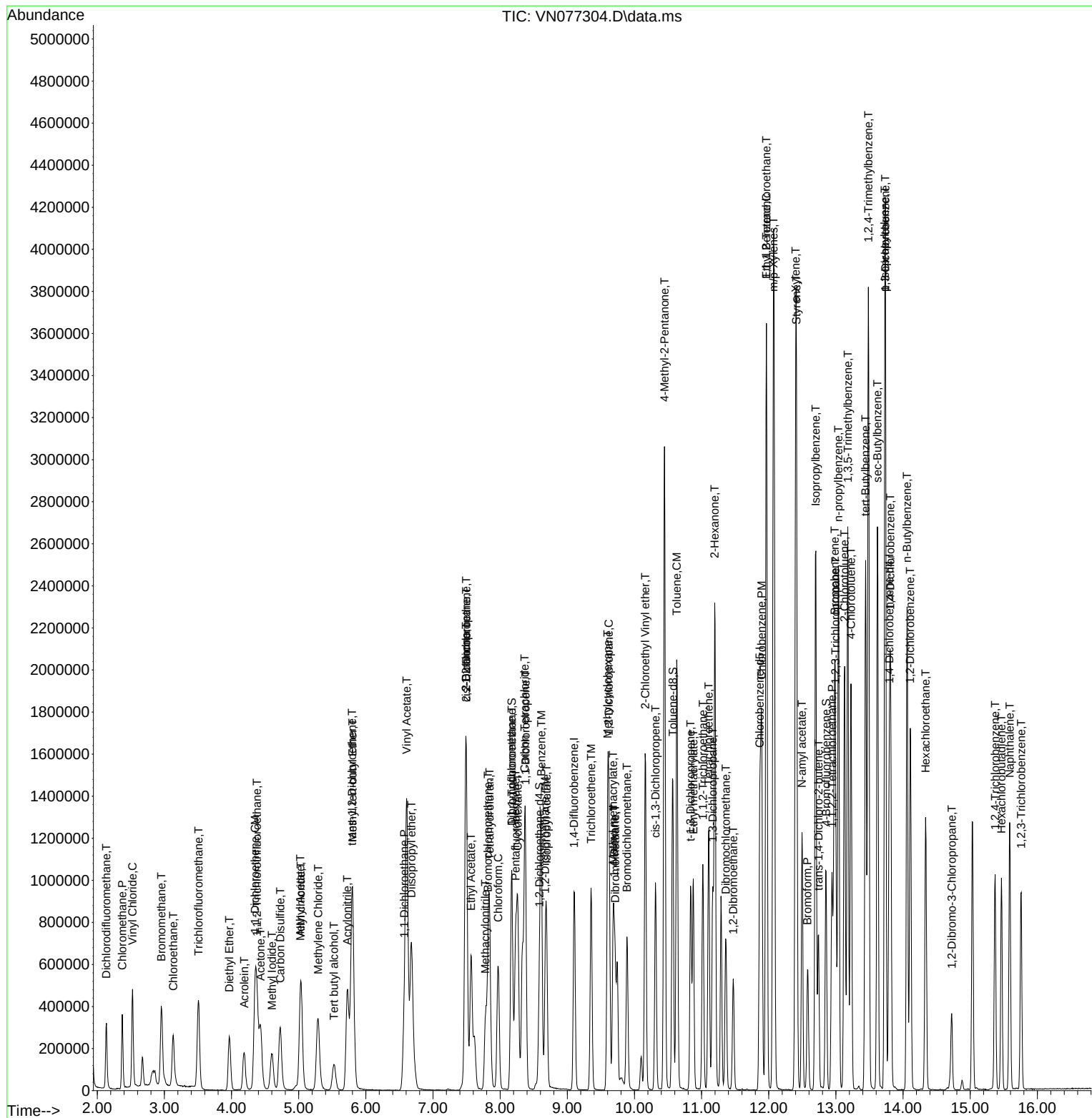
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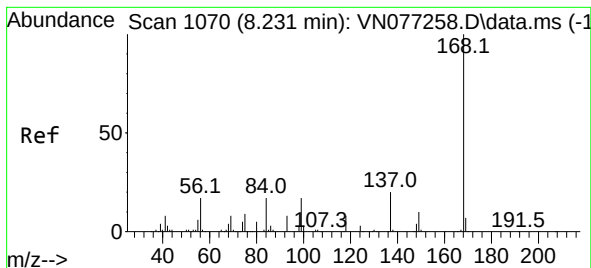
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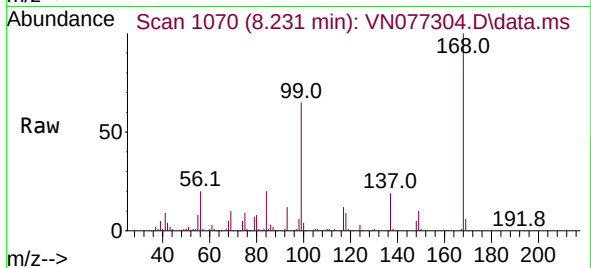
Reviewed By :John Carlone 04/12/2023
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN077304.D
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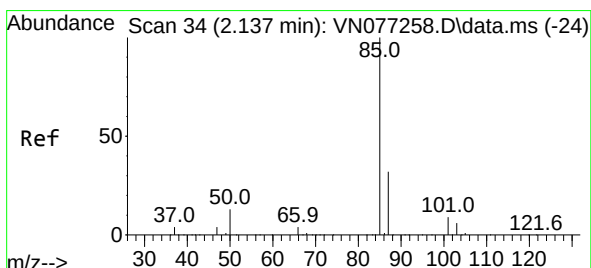
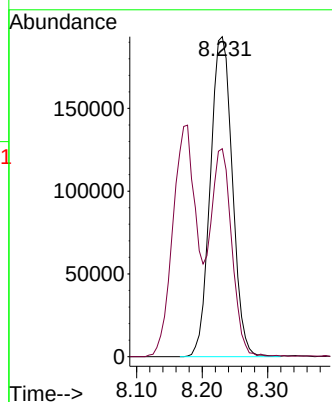
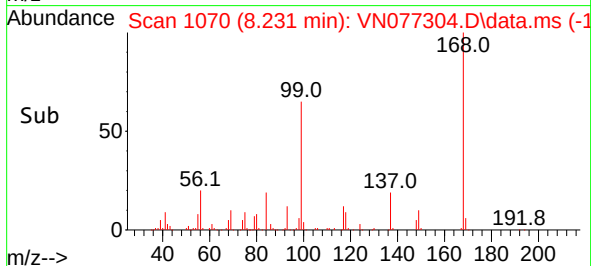
Instrument :
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ClientSampleId :
VSTDCCC050EC



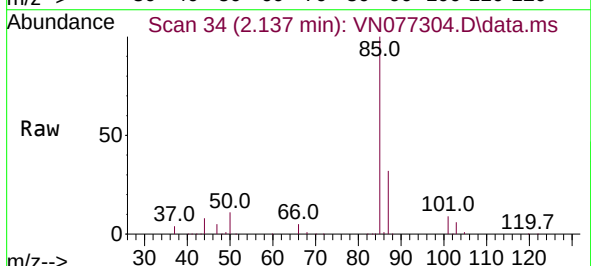
Tgt Ion:168 Resp: 45137
Ion Ratio Lower Upper
168 100
99 64.7 50.6 75.8

Manual Integrations
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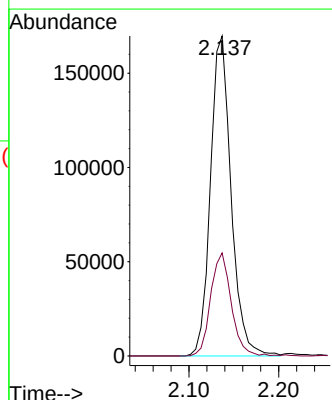
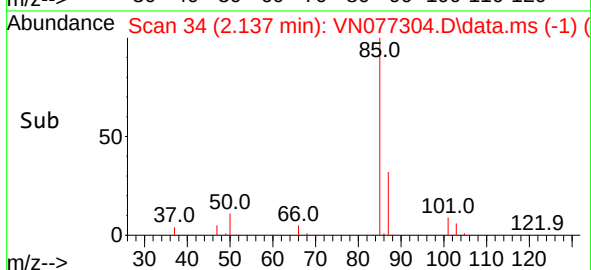
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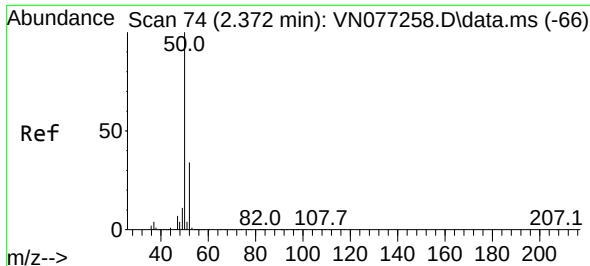


#2
Dichlorodifluoromethane
Concen: 47.085 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN077304.D
Acq: 11 Apr 2023 17:40



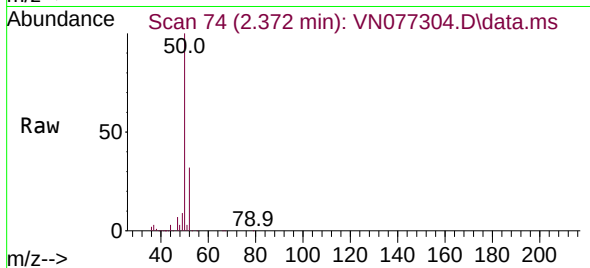
Tgt Ion: 85 Resp: 271262
Ion Ratio Lower Upper
85 100
87 32.2 16.1 48.2





#3
Chloromethane
Concen: 44.205 ug/l
RT: 2.372 min Scan# 74
Delta R.T. 0.000 min
Lab File: VN077304.D
Acq: 11 Apr 2023 17:40

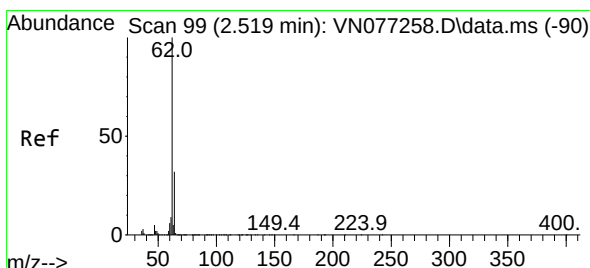
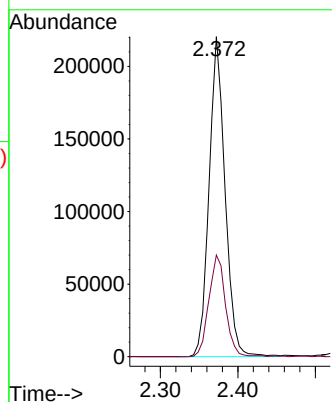
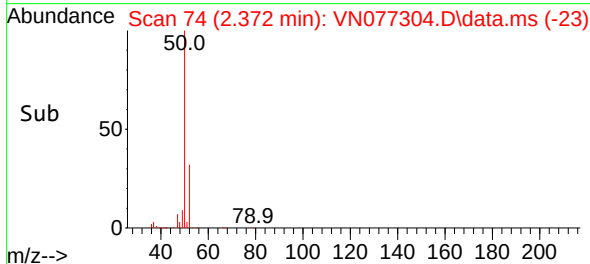
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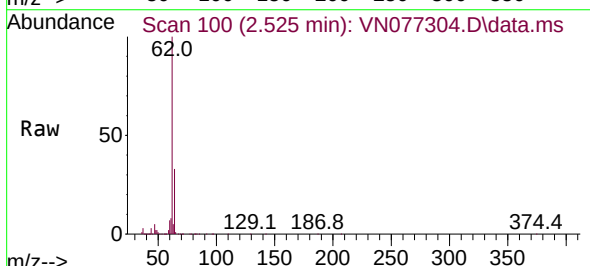
Tgt Ion: 50 Resp: 315590
Ion Ratio Lower Upper
50 100
52 31.7 27.3 40.9

Manual Integrations
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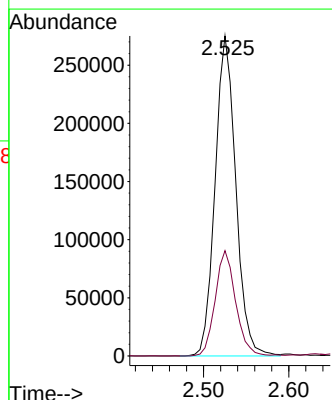
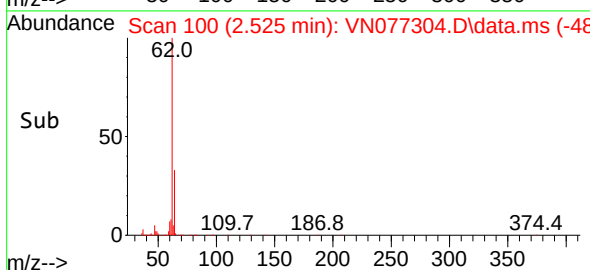
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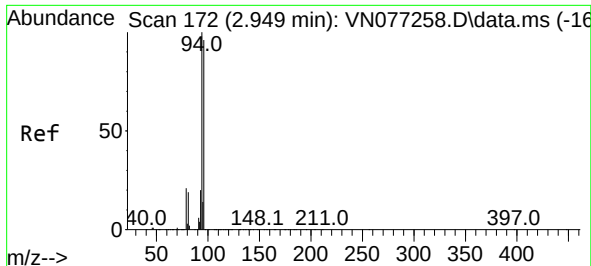


#4
Vinyl Chloride
Concen: 47.993 ug/l
RT: 2.525 min Scan# 100
Delta R.T. 0.006 min
Lab File: VN077304.D
Acq: 11 Apr 2023 17:40



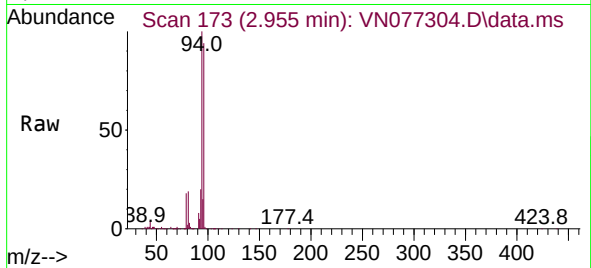
Tgt Ion: 62 Resp: 464560
Ion Ratio Lower Upper
62 100
64 32.9 25.8 38.8





#5
Bromomethane
Concen: 45.483 ug/l
RT: 2.955 min Scan# 173
Delta R.T. 0.006 min
Lab File: VN077304.D
Acq: 11 Apr 2023 17:40

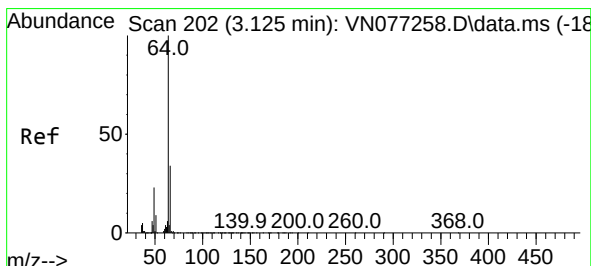
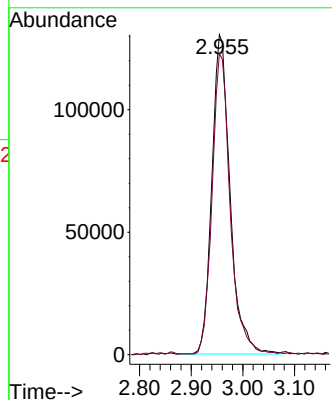
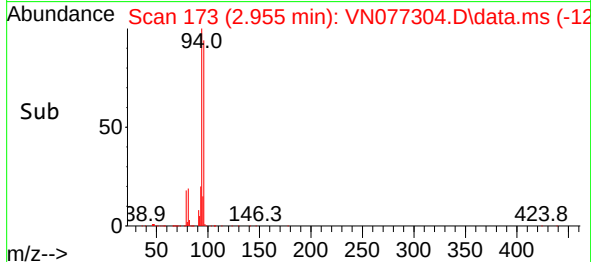
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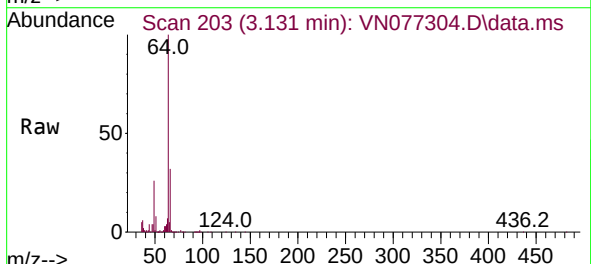
Tgt Ion: 94 Resp: 319170
Ion Ratio Lower Upper
94 100
96 94.0 77.0 115.4

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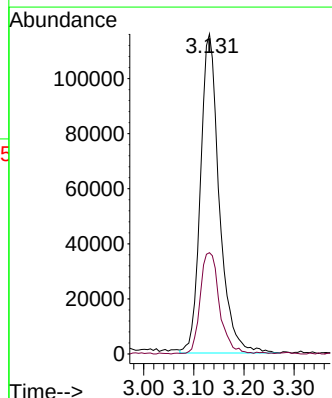
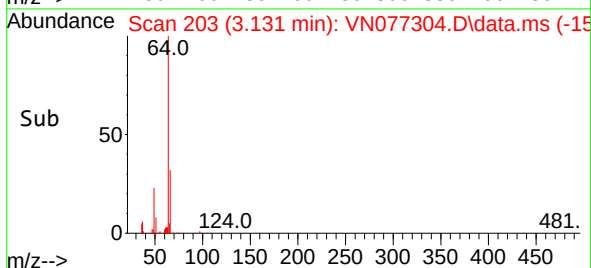
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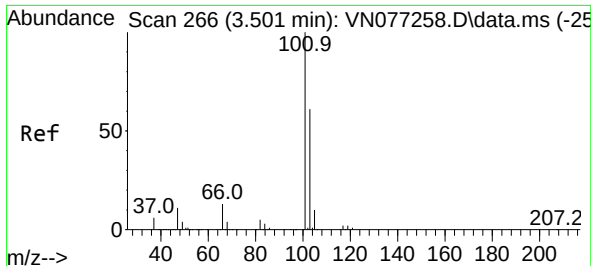


#6
Chloroethane
Concen: 43.749 ug/l
RT: 3.131 min Scan# 203
Delta R.T. 0.006 min
Lab File: VN077304.D
Acq: 11 Apr 2023 17:40



Tgt Ion: 64 Resp: 302218
Ion Ratio Lower Upper
64 100
66 31.5 26.9 40.3





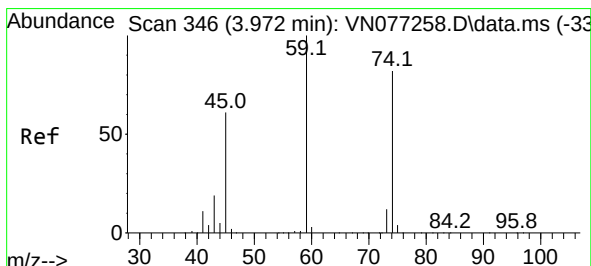
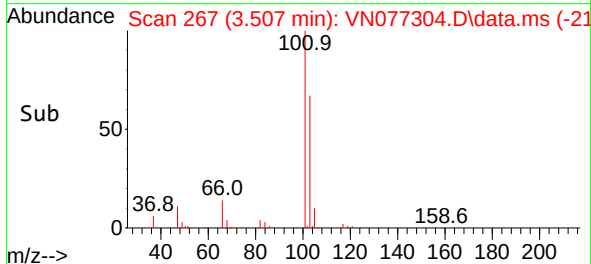
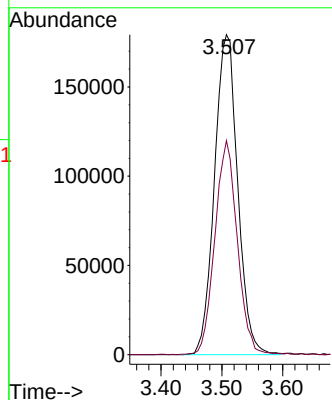
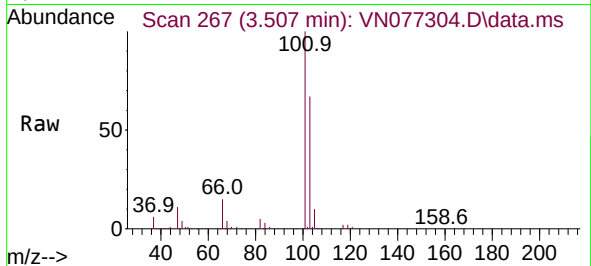
#7
Trichlorofluoromethane
Concen: 56.634 ug/l
RT: 3.507 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN077304.D
Acq: 11 Apr 2023 17:40

Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 47534
Ion Ratio Lower Upper
101 100
103 66.8 49.0 73.4

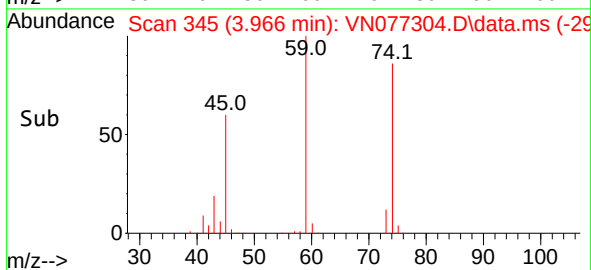
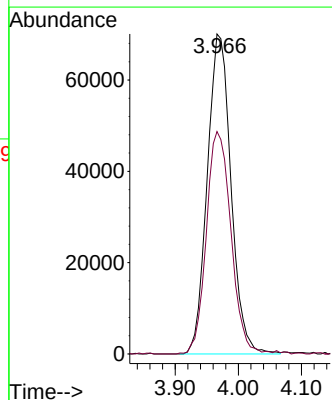
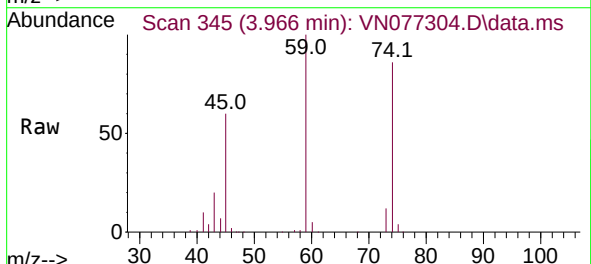
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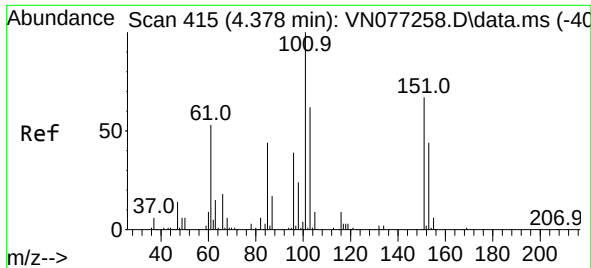
Reviewed By :John Carlone 04/12/2023
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#8
Diethyl Ether
Concen: 51.998 ug/l
RT: 3.966 min Scan# 345
Delta R.T. -0.006 min
Lab File: VN077304.D
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Tgt Ion: 74 Resp: 182885
Ion Ratio Lower Upper
74 100
45 72.1 37.8 113.4





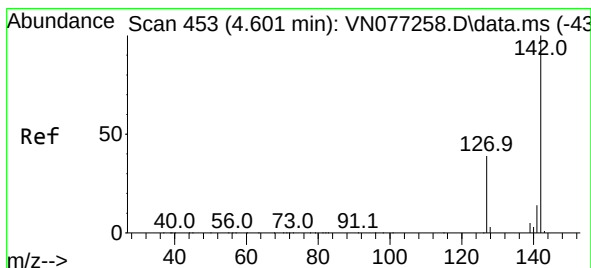
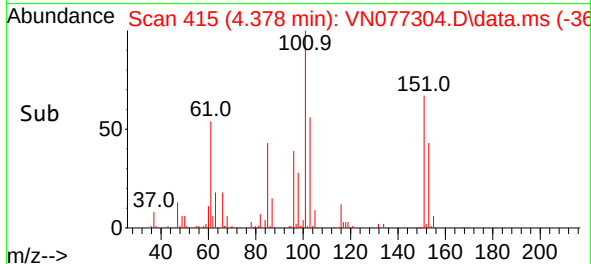
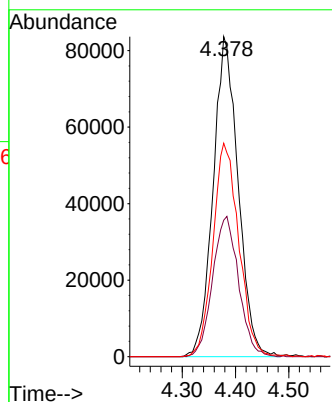
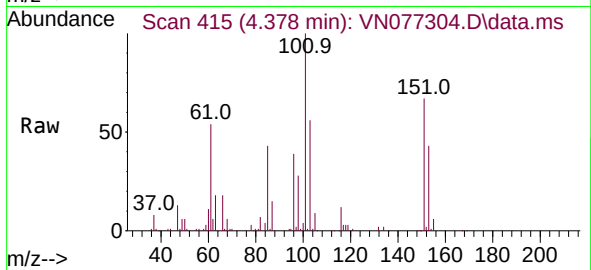
#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.072 ug/l
RT: 4.378 min Scan# 415
Delta R.T. -0.000 min
Lab File: VN077304.D
Acq: 11 Apr 2023 17:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 272608
Ion Ratio Lower Upper
101 100
85 45.5 37.3 55.9
151 68.9 56.3 84.5

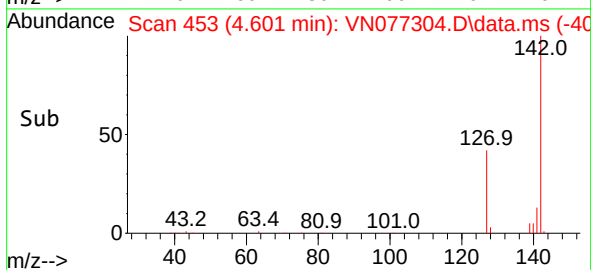
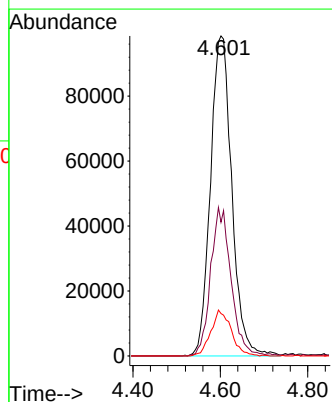
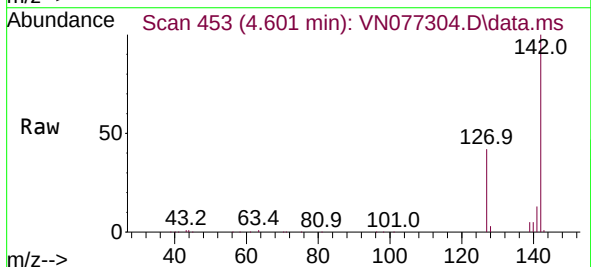
Manual Integrations
APPROVED

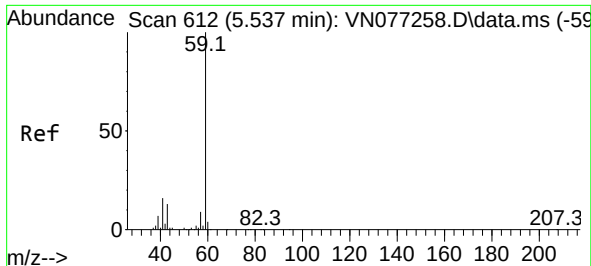
Reviewed By :John Carbone 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023



#10
Methyl Iodide
Concen: 53.456 ug/l
RT: 4.601 min Scan# 453
Delta R.T. 0.000 min
Lab File: VN077304.D
Acq: 11 Apr 2023 17:40

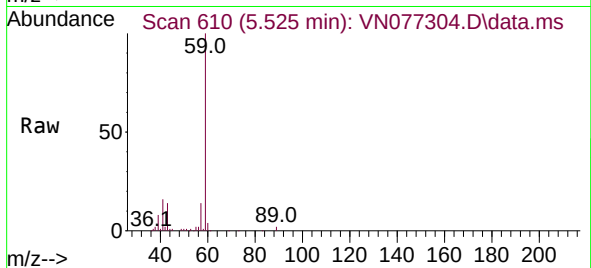
Tgt Ion:142 Resp: 333937
Ion Ratio Lower Upper
142 100
127 41.8 31.5 47.3
141 13.3 11.4 17.2





#11
Tert butyl alcohol
Concen: 207.634 ug/l
RT: 5.525 min Scan# 612
Delta R.T. -0.012 min
Lab File: VN077304.D
Acq: 11 Apr 2023 17:40

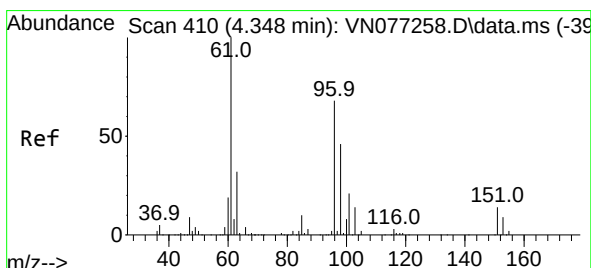
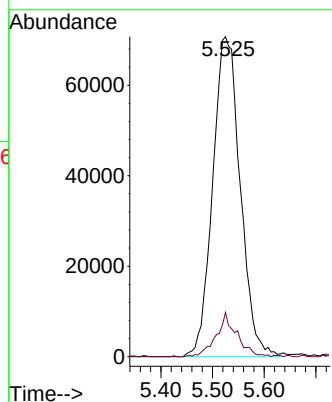
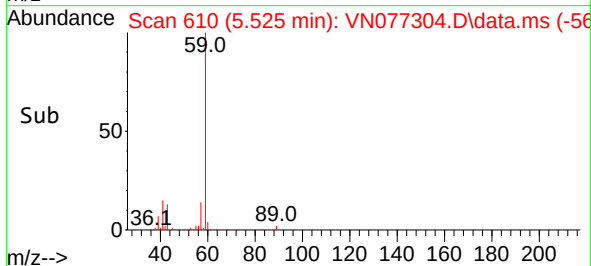
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 261369
Ion Ratio Lower Upper
59 100
57 10.3 8.3 12.5

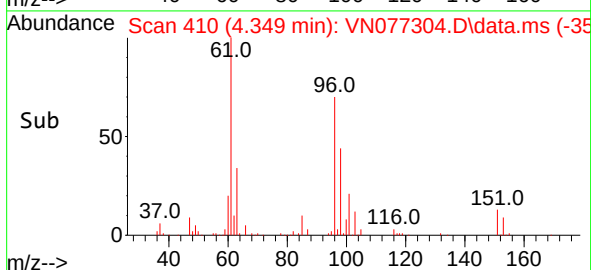
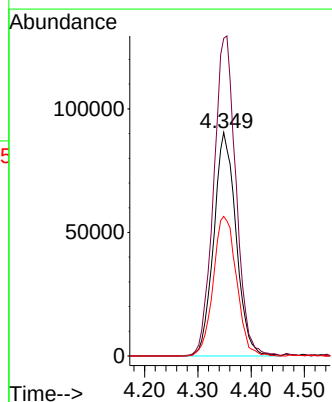
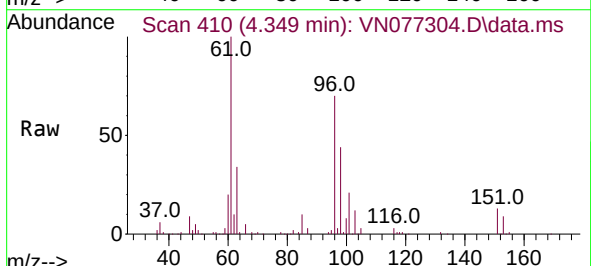
Manual Integrations
APPROVED

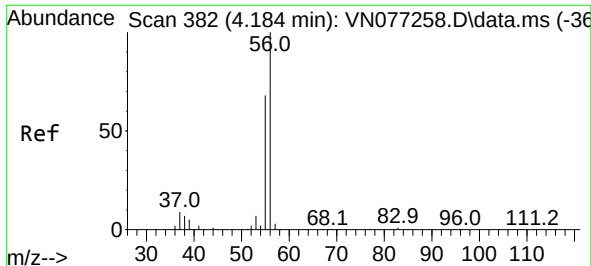
Reviewed By :John Carlone 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023



#12
1,1-Dichloroethene
Concen: 49.739 ug/l
RT: 4.349 min Scan# 410
Delta R.T. 0.001 min
Lab File: VN077304.D
Acq: 11 Apr 2023 17:40

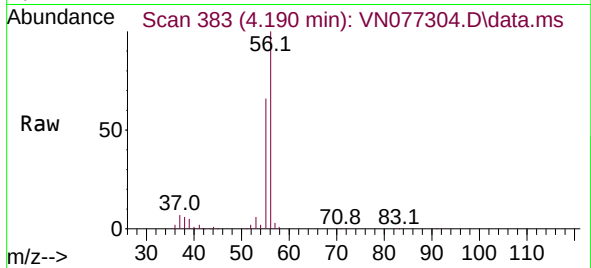
Tgt Ion: 96 Resp: 262996
Ion Ratio Lower Upper
96 100
61 142.1 118.3 177.5
98 62.5 54.5 81.7





#13
Acrolein
Concen: 206.994 ug/l
RT: 4.190 min Scan# 382
Delta R.T. 0.006 min
Lab File: VN077304.D
Acq: 11 Apr 2023 17:40

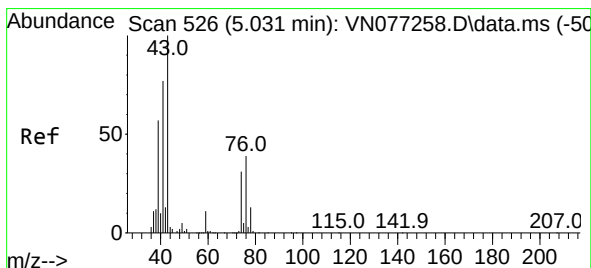
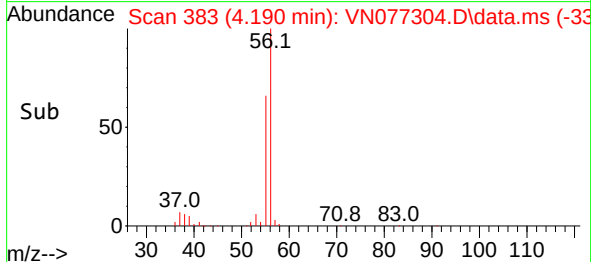
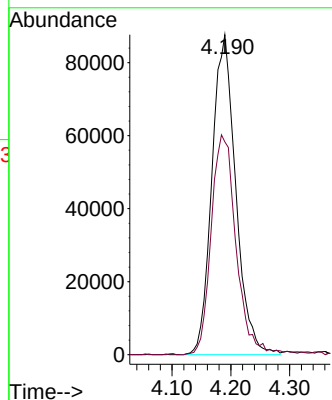
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 246780
Ion Ratio Lower Upper
56 100
55 72.2 54.2 81.2

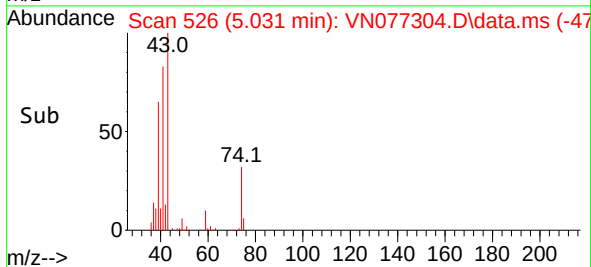
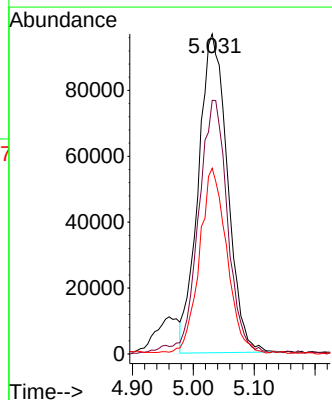
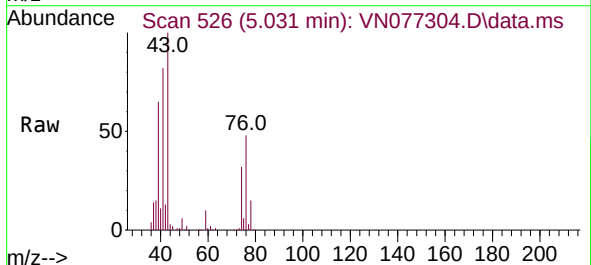
Manual Integrations
APPROVED

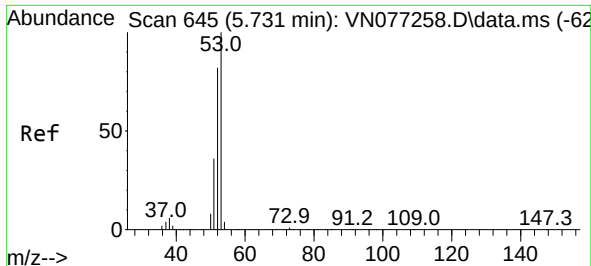
Reviewed By :John Carlone 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023



#14
Allyl chloride
Concen: 40.275 ug/l
RT: 5.031 min Scan# 526
Delta R.T. -0.000 min
Lab File: VN077304.D
Acq: 11 Apr 2023 17:40

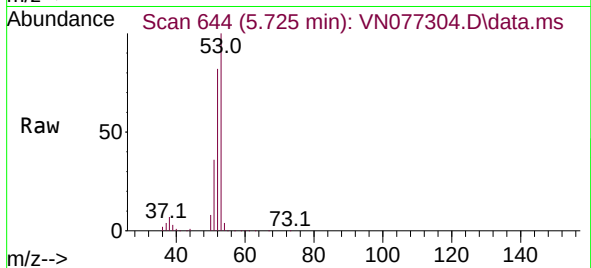
Tgt Ion: 41 Resp: 321632
Ion Ratio Lower Upper
41 100
39 80.3 55.0 82.4
76 54.3 35.4 53.2#





#15
Acrylonitrile
Concen: 236.990 ug/l
RT: 5.725 min Scan# 645
Delta R.T. -0.006 min
Lab File: VN077304.D
Acq: 11 Apr 2023 17:40

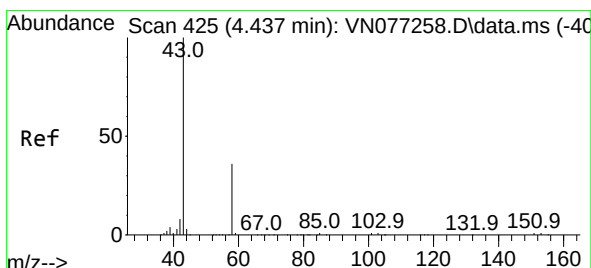
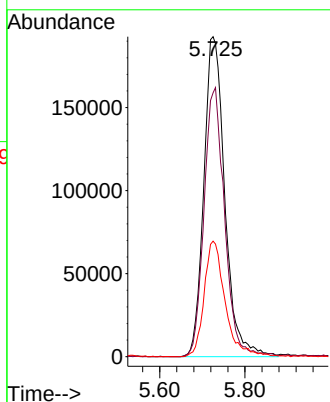
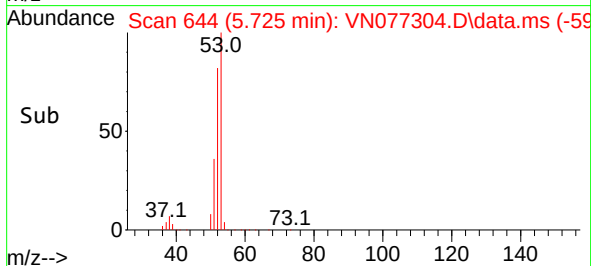
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



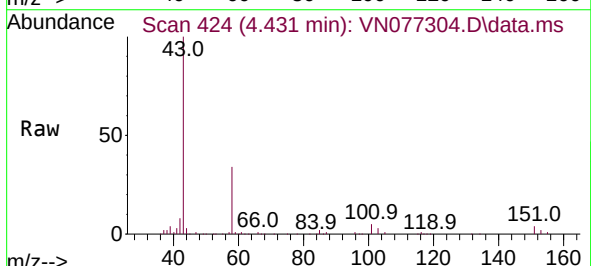
Tgt Ion: 53 Resp: 659519
Ion Ratio Lower Upper
53 100
52 82.6 65.2 97.8
51 36.2 28.1 42.1

Manual Integrations
APPROVED

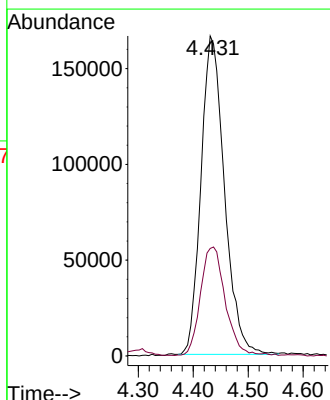
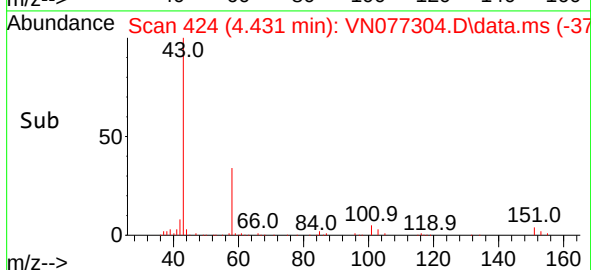
Reviewed By :John Carlone 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023

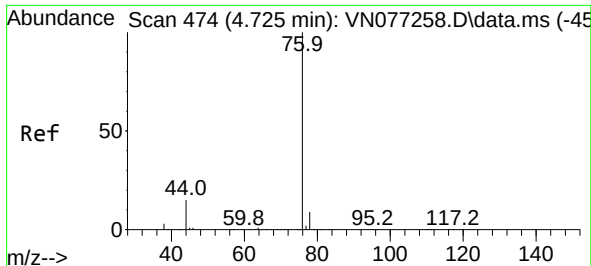


#16
Acetone
Concen: 217.305 ug/l
RT: 4.431 min Scan# 424
Delta R.T. -0.006 min
Lab File: VN077304.D
Acq: 11 Apr 2023 17:40



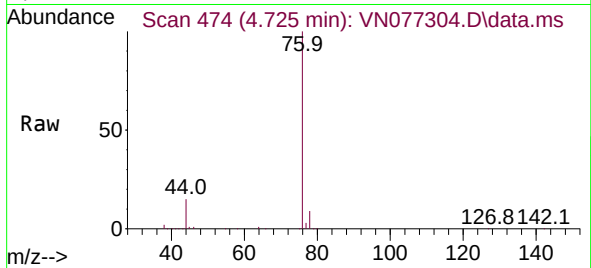
Tgt Ion: 43 Resp: 494272
Ion Ratio Lower Upper
43 100
58 33.5 29.0 43.6





#17
Carbon Disulfide
Concen: 50.263 ug/l
RT: 4.725 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN077304.D
Acq: 11 Apr 2023 17:40

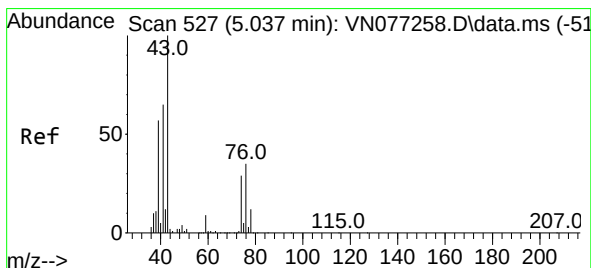
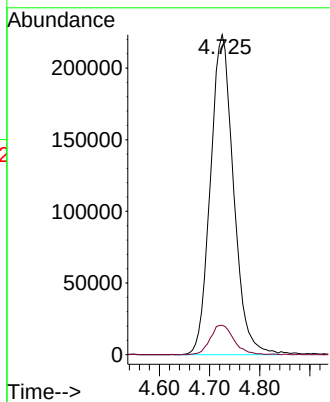
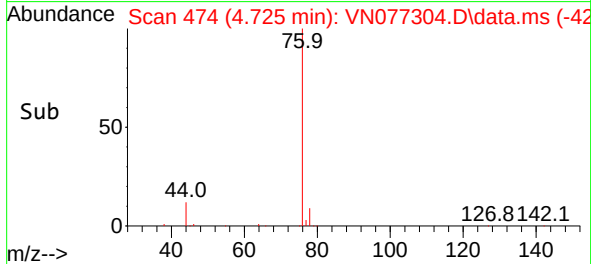
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 71666
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9

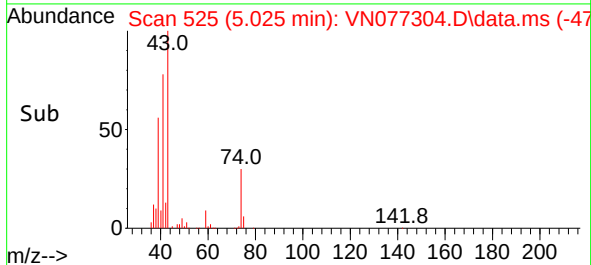
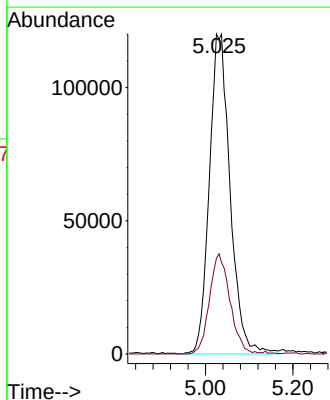
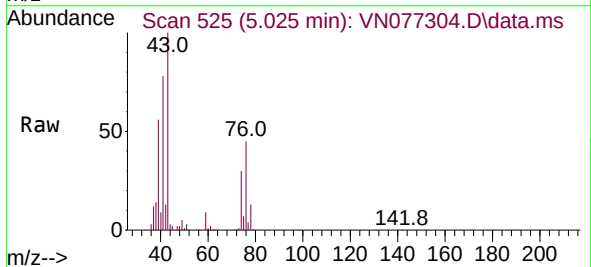
Manual Integrations
APPROVED

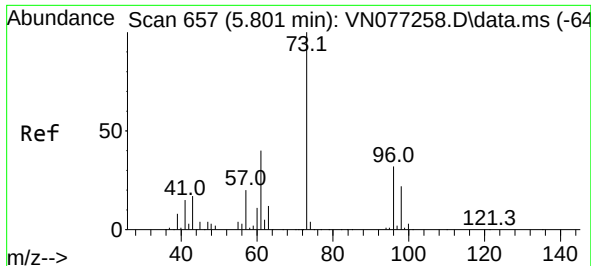
Reviewed By :John Carlone 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023



#18
Methyl Acetate
Concen: 45.881 ug/l
RT: 5.025 min Scan# 525
Delta R.T. -0.012 min
Lab File: VN077304.D
Acq: 11 Apr 2023 17:40

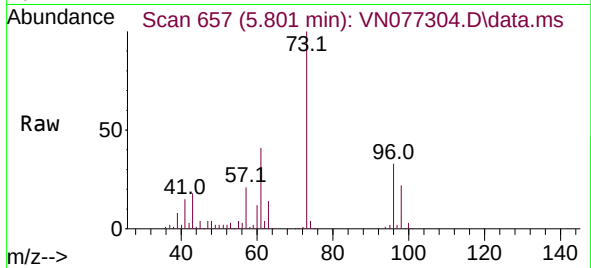
Tgt Ion: 43 Resp: 397454
Ion Ratio Lower Upper
43 100
74 30.8 23.4 35.2





#19
Methyl tert-butyl Ether
Concen: 52.599 ug/l
RT: 5.801 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN077304.D
Acq: 11 Apr 2023 17:40

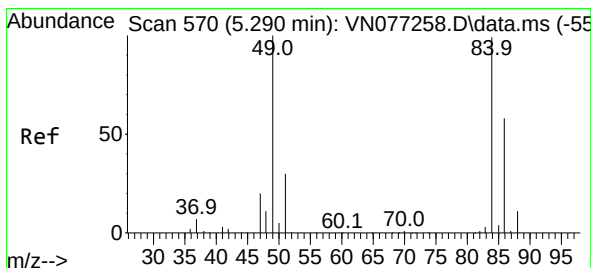
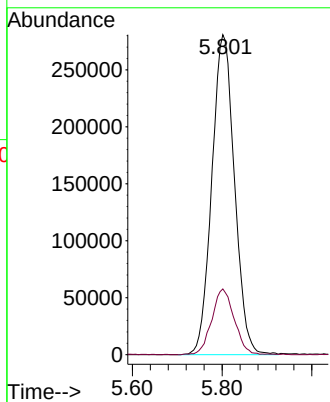
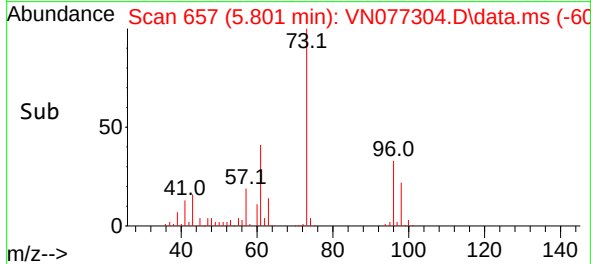
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 98684
Ion Ratio Lower Upper
73 100
57 20.6 16.2 24.4

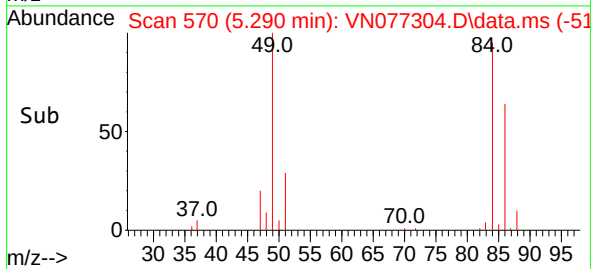
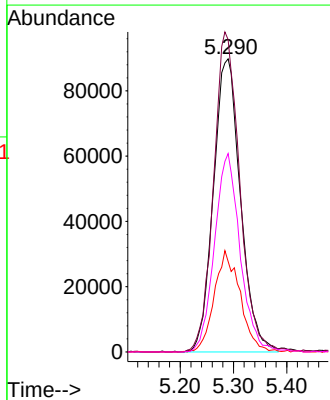
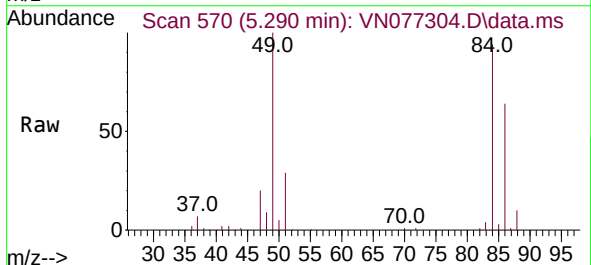
Manual Integrations
APPROVED

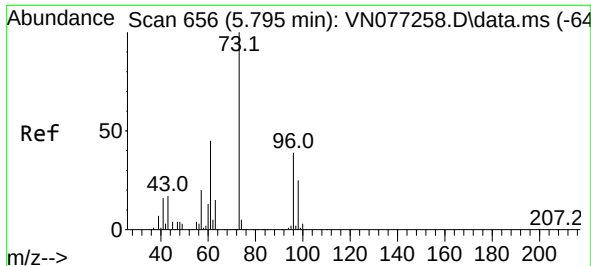
Reviewed By :John Carlone 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023



#20
Methylene Chloride
Concen: 49.386 ug/l
RT: 5.290 min Scan# 570
Delta R.T. -0.000 min
Lab File: VN077304.D
Acq: 11 Apr 2023 17:40

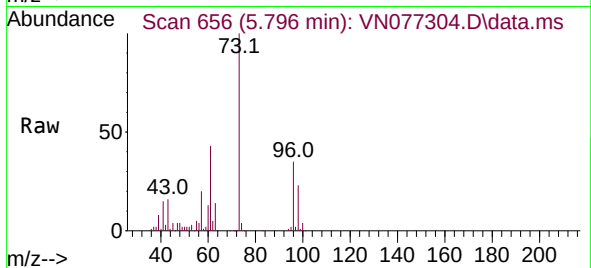
Tgt Ion: 84 Resp: 317243
Ion Ratio Lower Upper
84 100
49 106.5 80.6 121.0
51 30.9 24.4 36.6
86 67.7 47.0 70.6





#21
trans-1,2-Dichloroethene
Concen: 52.429 ug/l
RT: 5.796 min Scan# 61
Delta R.T. 0.001 min
Lab File: VN077304.D
Acq: 11 Apr 2023 17:40

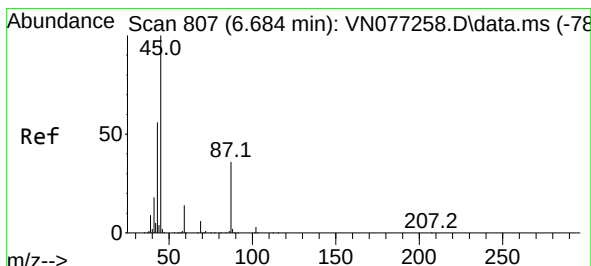
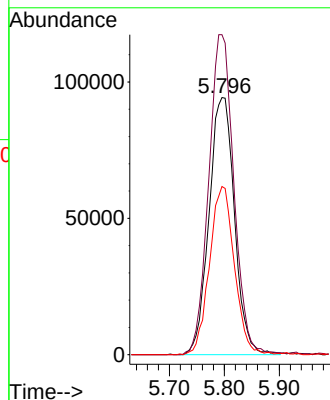
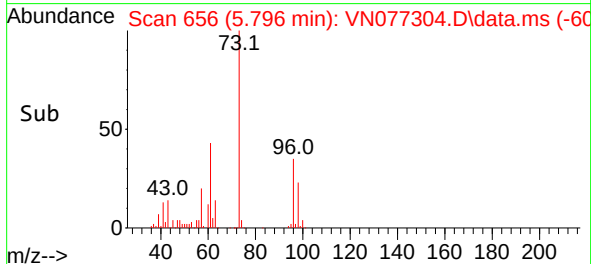
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



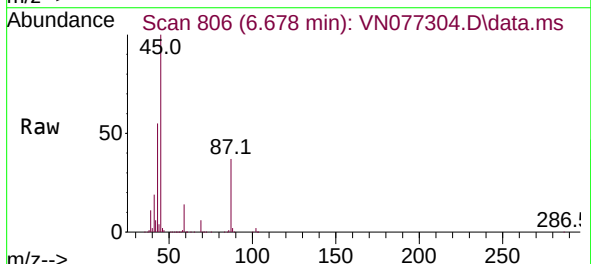
Tgt Ion: 96 Resp: 303520
Ion Ratio Lower Upper
96 100
61 124.4 93.8 140.6
98 65.1 50.9 76.3

Manual Integrations
APPROVED

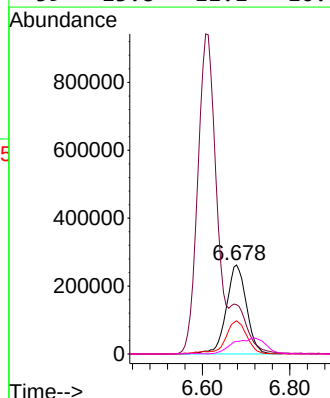
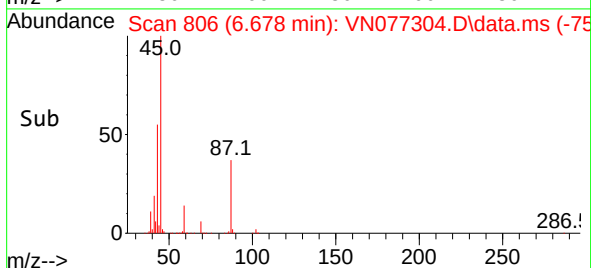
Reviewed By :John Carlone 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023

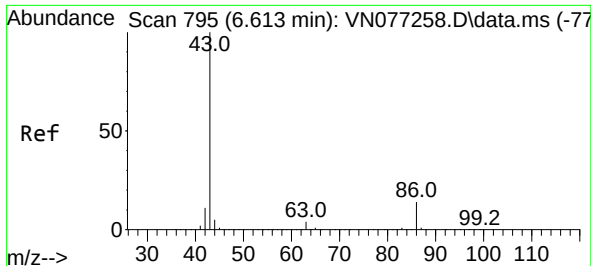


#22
Diisopropyl ether
Concen: 52.319 ug/l
RT: 6.678 min Scan# 806
Delta R.T. -0.006 min
Lab File: VN077304.D
Acq: 11 Apr 2023 17:40



Tgt Ion: 45 Resp: 837652
Ion Ratio Lower Upper
45 100
43 54.1 44.6 66.8
87 37.0 28.4 42.6
59 13.8 11.1 16.7





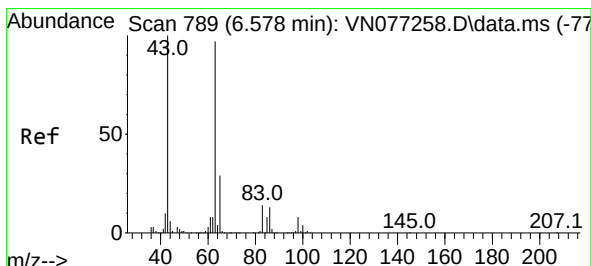
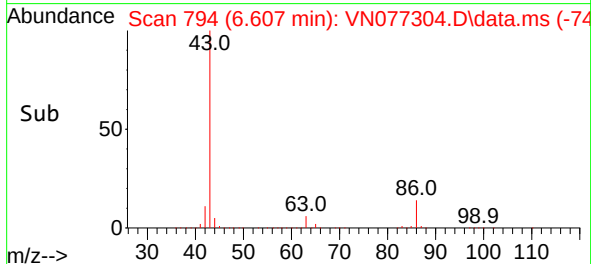
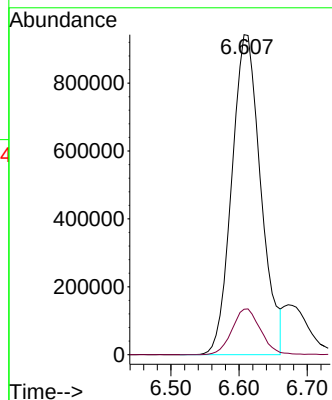
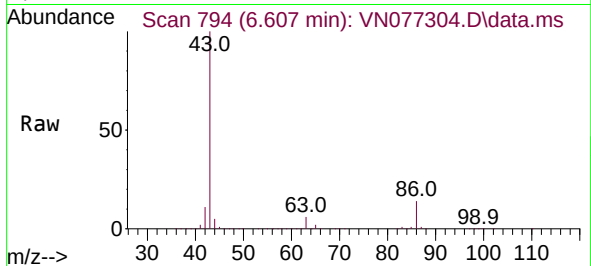
#23
 Vinyl Acetate
 Concen: 257.557 ug/l
 RT: 6.607 min Scan# 794
 Delta R.T. -0.006 min
 Lab File: VN077304.D
 Acq: 11 Apr 2023 17:40

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 278815
 Ion Ratio Lower Upper
 43 100
 86 14.2 11.2 16.8

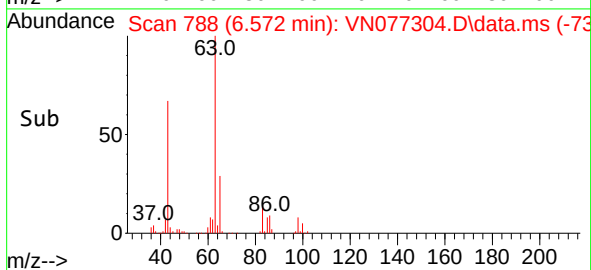
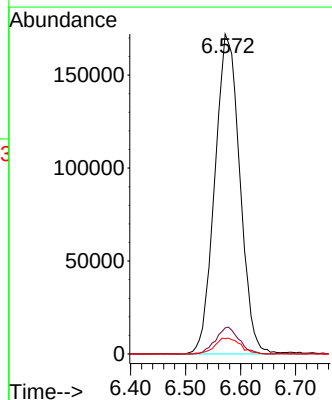
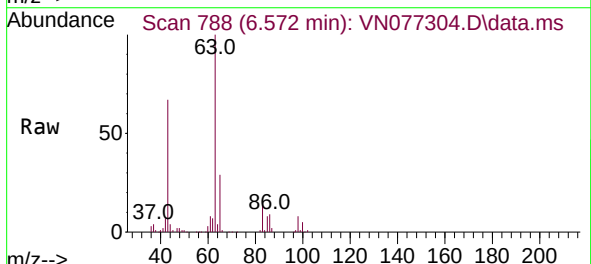
Manual Integrations
 APPROVED

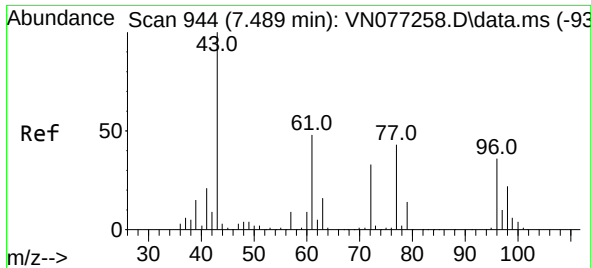
Reviewed By :John Carlone 04/12/2023
 Supervised By :Mahesh Dadoda 04/12/2023



#24
 1,1-Dichloroethane
 Concen: 52.633 ug/l
 RT: 6.572 min Scan# 788
 Delta R.T. -0.006 min
 Lab File: VN077304.D
 Acq: 11 Apr 2023 17:40

Tgt Ion: 63 Resp: 544150
 Ion Ratio Lower Upper
 63 100
 98 8.1 4.0 12.0
 100 4.8 2.3 6.9





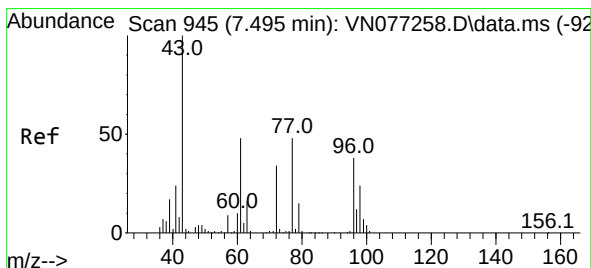
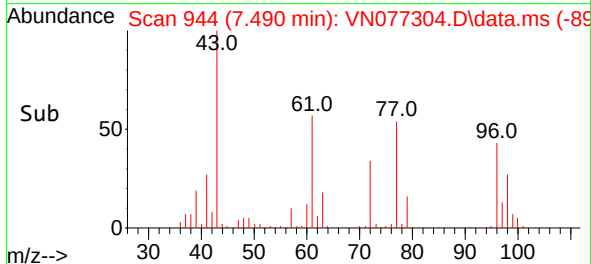
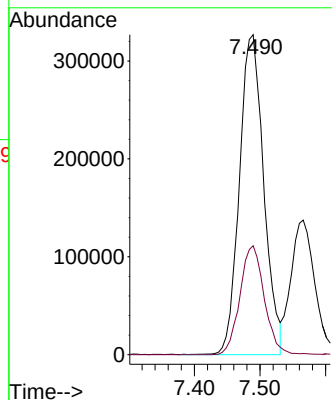
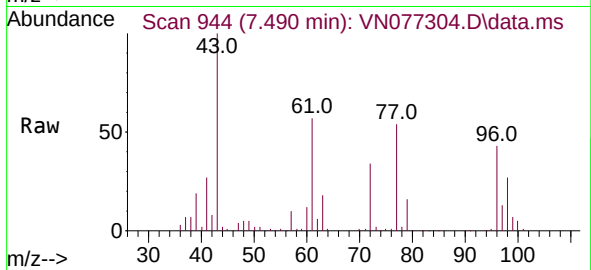
#25
2-Butanone
Concen: 228.879 ug/l
RT: 7.490 min Scan# 944
Delta R.T. 0.001 min
Lab File: VN077304.D
Acq: 11 Apr 2023 17:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 844914
Ion Ratio Lower Upper
43 100
72 34.1 26.6 39.8

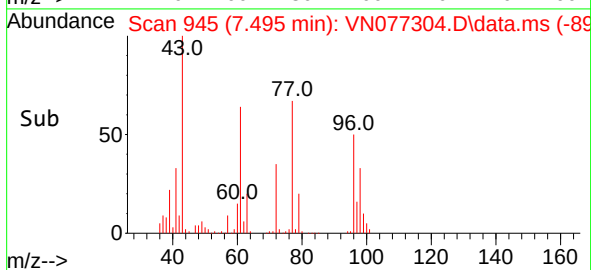
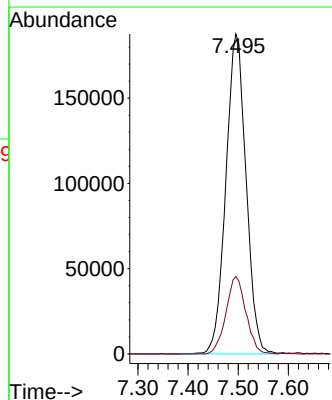
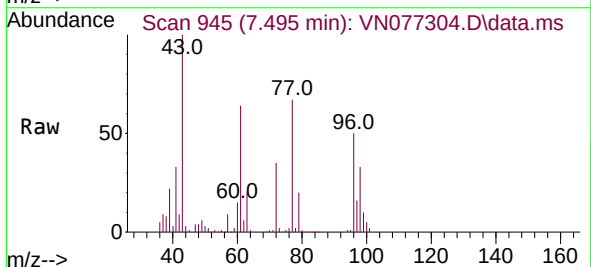
Manual Integrations
APPROVED

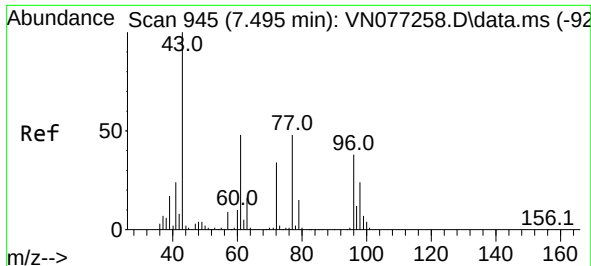
Reviewed By :John Carlone 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023



#26
2,2-Dichloropropane
Concen: 55.387 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.000 min
Lab File: VN077304.D
Acq: 11 Apr 2023 17:40

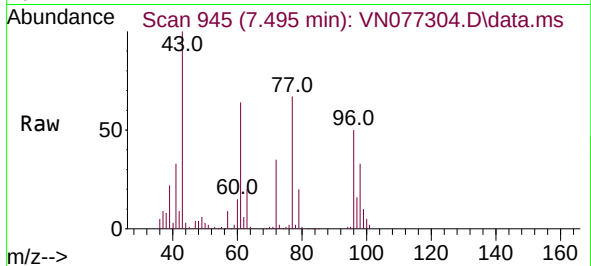
Tgt Ion: 77 Resp: 525084
Ion Ratio Lower Upper
77 100
97 23.9 12.0 36.1





#27
 cis-1,2-Dichloroethene
 Concen: 53.503 ug/l
 RT: 7.495 min Scan# 945
 Delta R.T. 0.000 min
 Lab File: VN077304.D
 Acq: 11 Apr 2023 17:40

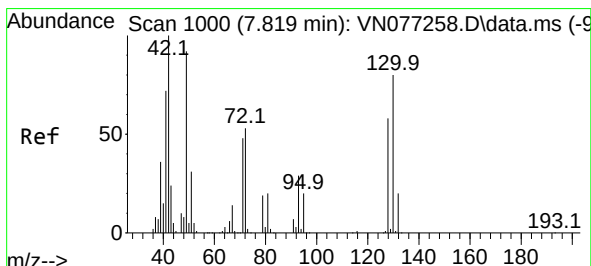
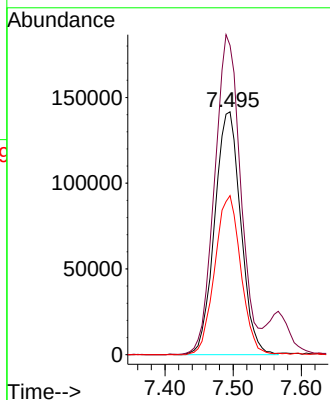
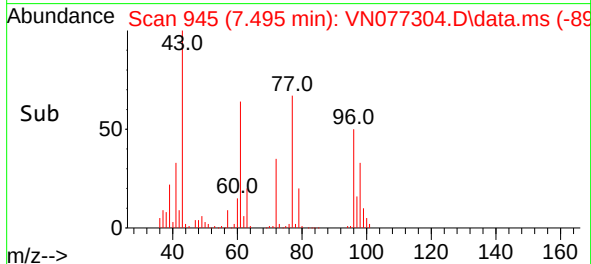
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 37825
 Ion Ratio Lower Upper
 96 100
 61 131.8 0.0 261.0
 98 65.1 0.0 128.0

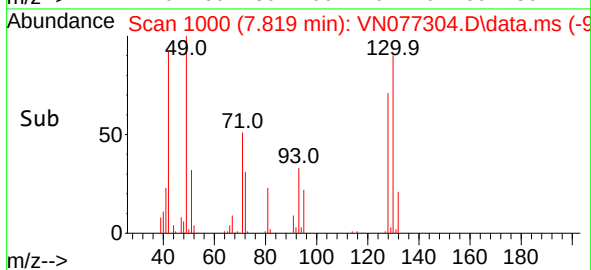
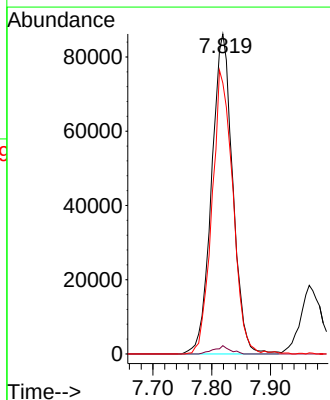
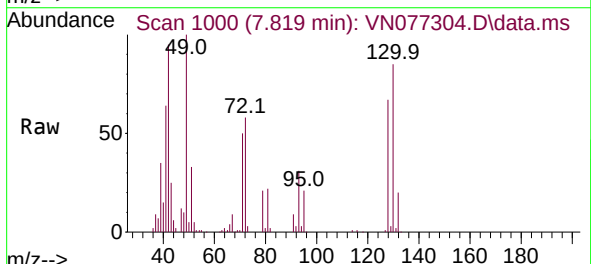
Manual Integrations
 APPROVED

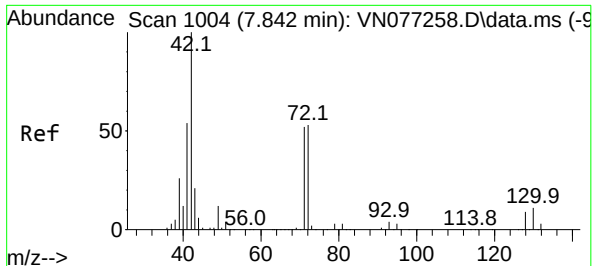
Reviewed By :John Carlone 04/12/2023
 Supervised By :Mahesh Dadoda 04/12/2023



#28
 Bromochloromethane
 Concen: 51.735 ug/l
 RT: 7.819 min Scan# 1000
 Delta R.T. -0.000 min
 Lab File: VN077304.D
 Acq: 11 Apr 2023 17:40

Tgt Ion: 49 Resp: 215153
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.4
 130 87.1 68.4 102.6





#29

Tetrahydrofuran

Concen: 230.851 ug/l

RT: 7.842 min Scan# 1004

Delta R.T. 0.000 min

Lab File: VN077304.D

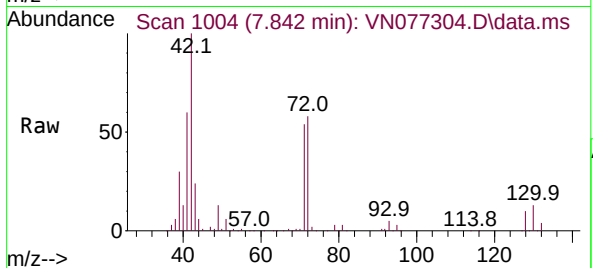
Acq: 11 Apr 2023 17:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



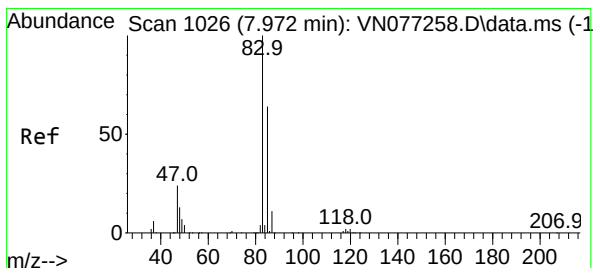
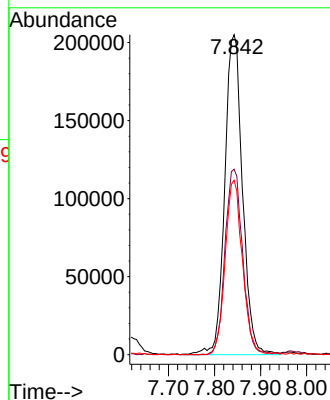
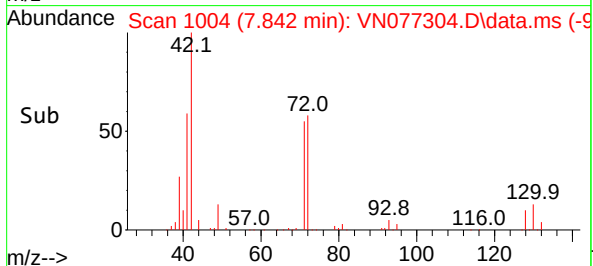
Tgt Ion:	42	Resp:	54781
Ion Ratio	100	Lower	Upper
42	100		
72	57.4	44.6	66.8
71	52.8	41.3	61.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/12/2023

Supervised By :Mahesh Dadoda 04/12/2023



#30

Chloroform

Concen: 53.593 ug/l

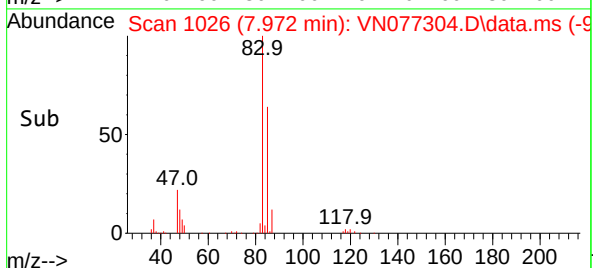
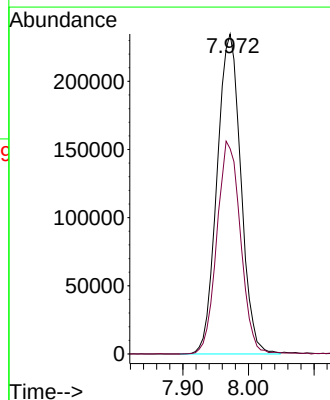
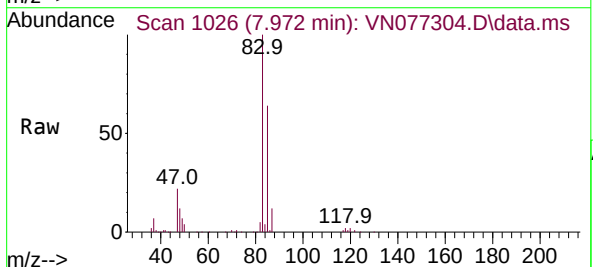
RT: 7.972 min Scan# 1026

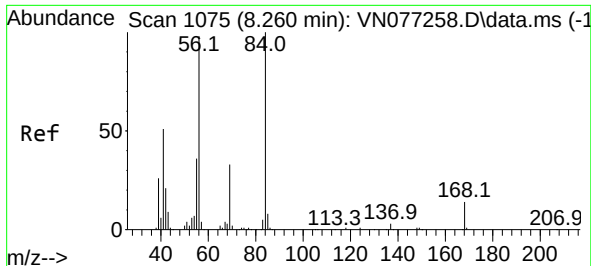
Delta R.T. -0.000 min

Lab File: VN077304.D

Acq: 11 Apr 2023 17:40

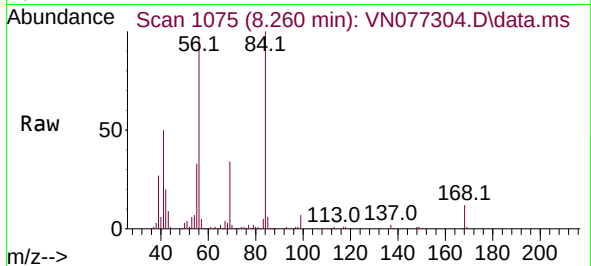
Tgt Ion:	83	Resp:	590865
Ion Ratio	100	Lower	Upper
83	100		
85	64.1	50.9	76.3





#31
Cyclohexane
Concen: 50.362 ug/l
RT: 8.260 min Scan# 1075
Delta R.T. 0.000 min
Lab File: VN077304.D
Acq: 11 Apr 2023 17:40

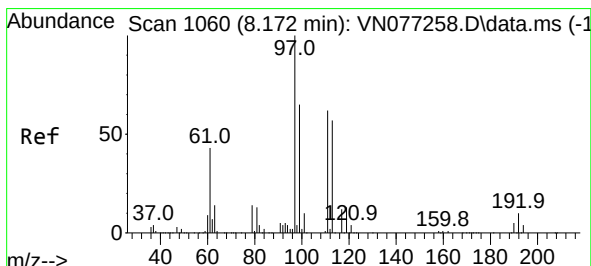
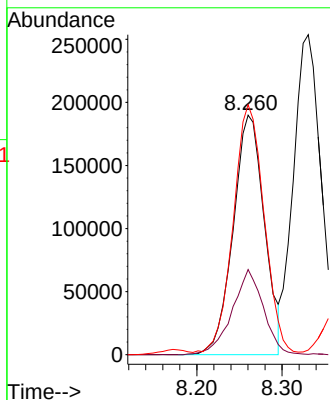
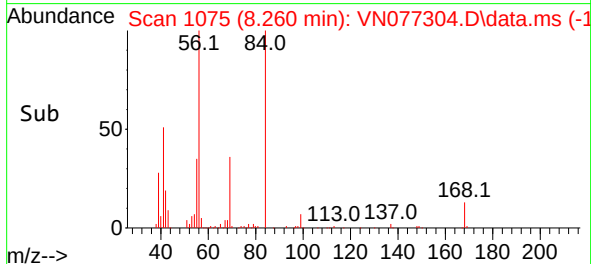
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 48276
Ion Ratio Lower Upper
56 100
69 35.6 26.6 40.0
84 102.3 81.8 122.8

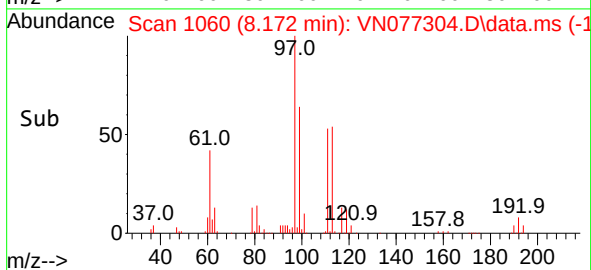
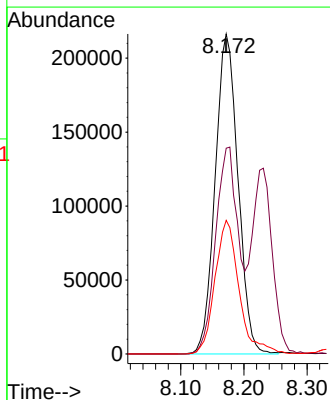
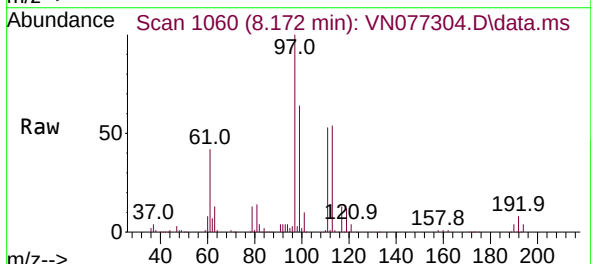
Manual Integrations
APPROVED

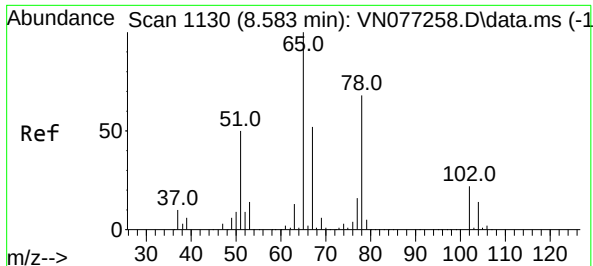
Reviewed By :John Carlone 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023



#32
1,1,1-Trichloroethane
Concen: 54.212 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077304.D
Acq: 11 Apr 2023 17:40

Tgt Ion: 97 Resp: 543577
Ion Ratio Lower Upper
97 100
99 64.3 54.2 81.4
61 44.1 35.8 53.6





#33

1,2-Dichloroethane-d4

Concen: 48.299 ug/l

RT: 8.584 min Scan# 1130

Delta R.T. 0.001 min

Lab File: VN077304.D

Acq: 11 Apr 2023 17:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 297960

Ion Ratio Lower Upper

65 100

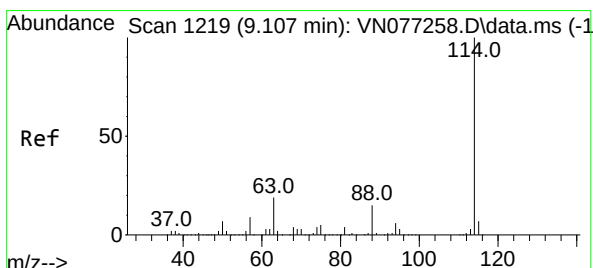
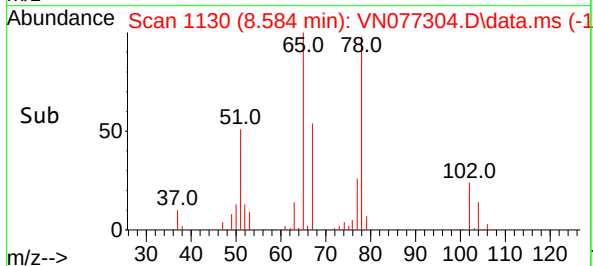
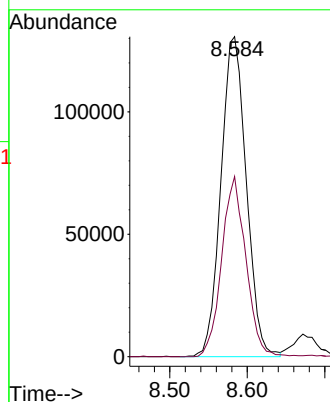
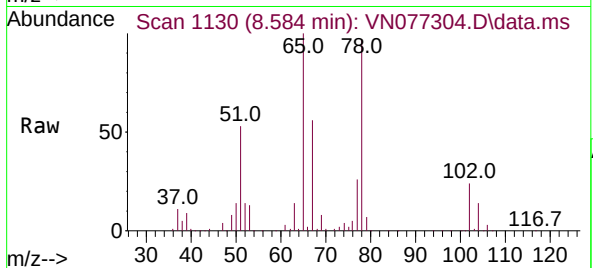
67 53.8 0.0 108.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/12/2023

Supervised By :Mahesh Dadoda 04/12/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.101 min Scan# 1218

Delta R.T. -0.006 min

Lab File: VN077304.D

Acq: 11 Apr 2023 17:40

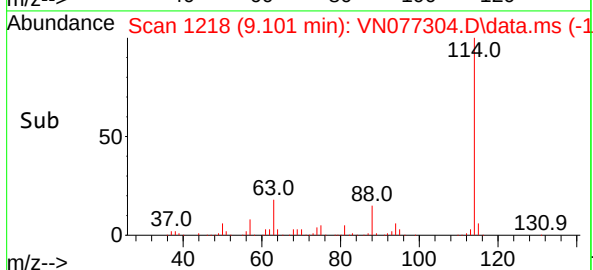
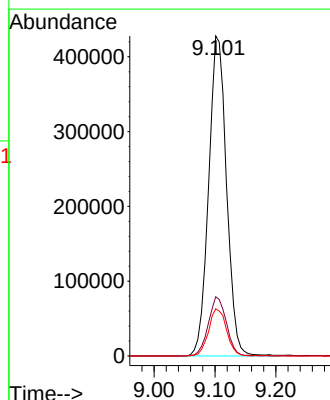
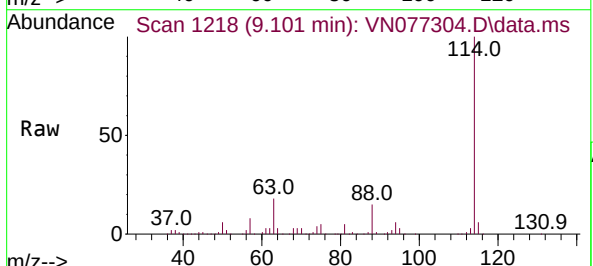
Tgt Ion:114 Resp: 873336

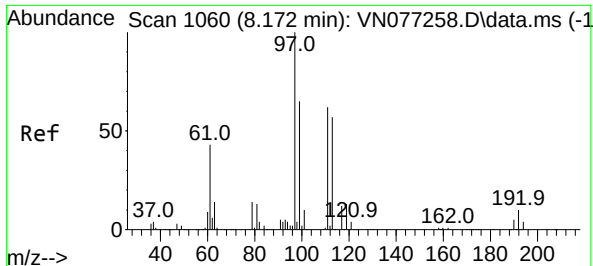
Ion Ratio Lower Upper

114 100

63 18.5 0.0 37.8

88 14.7 0.0 29.4





#35

Dibromofluoromethane

Concen: 48.315 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077304.D

Acq: 11 Apr 2023 17:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

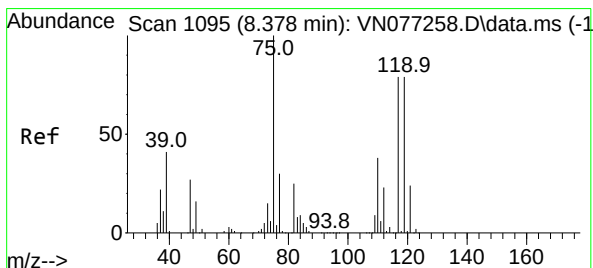
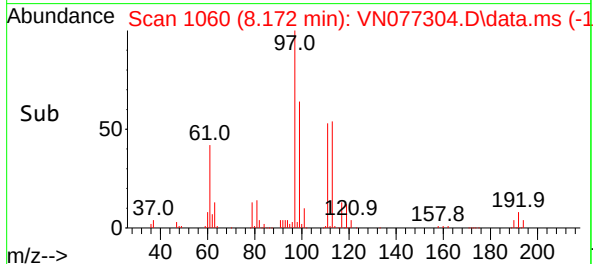
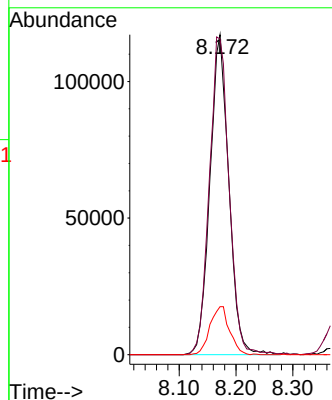
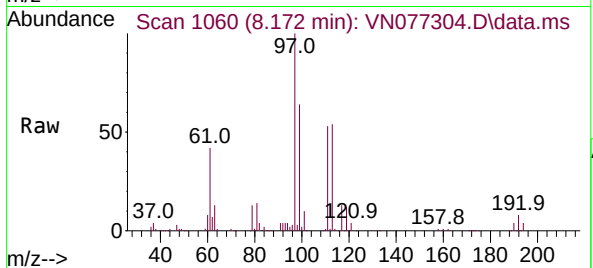
Tgt Ion:	113	Resp:	270120
Ion	Ratio	Lower	Upper
113	100		
111	103.9	83.4	125.0
192	15.5	13.5	20.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/12/2023

Supervised By :Mahesh Dadoda 04/12/2023



#36

1,1-Dichloropropene

Concen: 54.545 ug/l

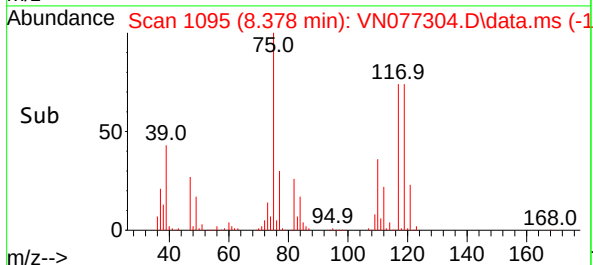
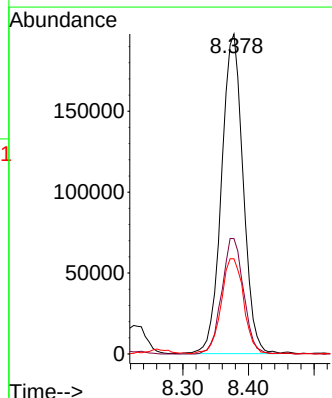
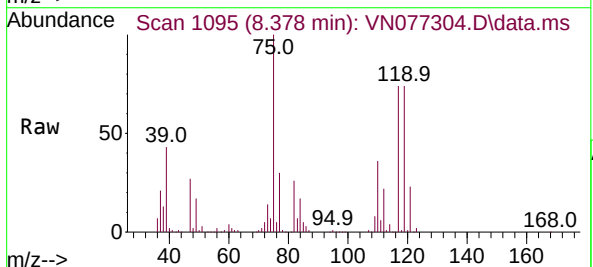
RT: 8.378 min Scan# 1095

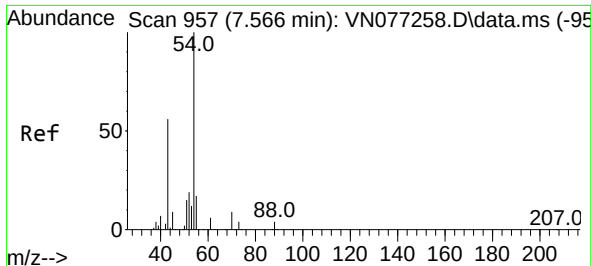
Delta R.T. -0.000 min

Lab File: VN077304.D

Acq: 11 Apr 2023 17:40

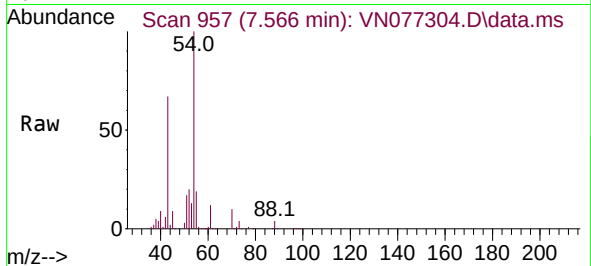
Tgt Ion:	75	Resp:	451030
Ion	Ratio	Lower	Upper
75	100		
110	36.6	17.8	53.5
77	30.9	25.0	37.4





#37
Ethyl Acetate
Concen: 48.072 ug/l
RT: 7.566 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN077304.D
Acq: 11 Apr 2023 17:40

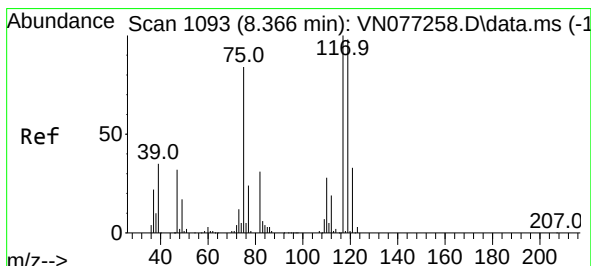
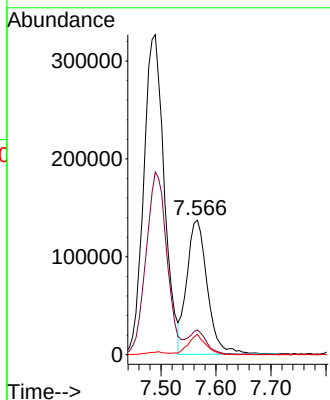
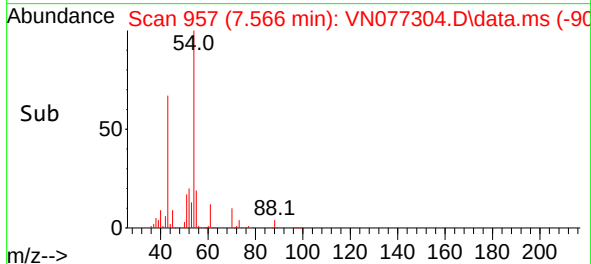
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 355652
Ion Ratio Lower Upper
43 100
61 15.4 12.2 18.2
70 13.0 10.0 15.0

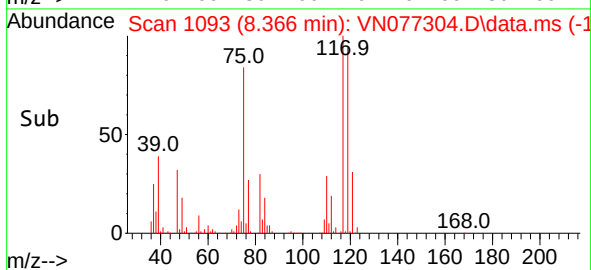
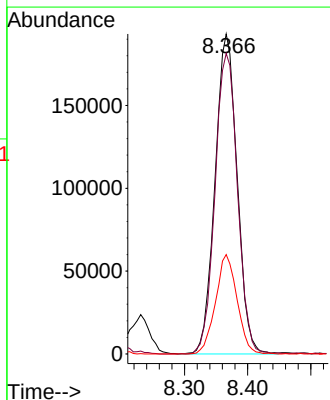
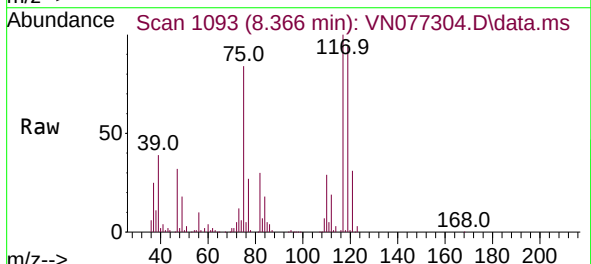
Manual Integrations
APPROVED

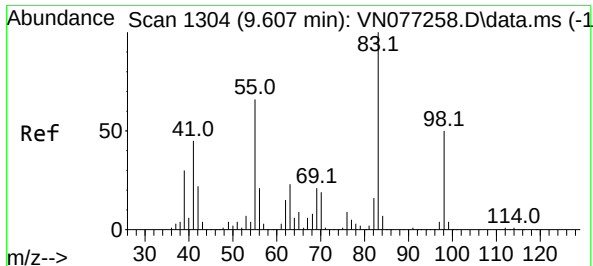
Reviewed By :John Carlone 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023



#38
Carbon Tetrachloride
Concen: 55.396 ug/l
RT: 8.366 min Scan# 1093
Delta R.T. -0.000 min
Lab File: VN077304.D
Acq: 11 Apr 2023 17:40

Tgt Ion:117 Resp: 469297
Ion Ratio Lower Upper
117 100
119 93.9 78.5 117.7
121 31.1 26.6 40.0





#39

Methylcyclohexane

Concen: 55.108 ug/l

RT: 9.601 min Scan# 11303

Delta R.T. -0.006 min

Lab File: VN077304.D

Acq: 11 Apr 2023 17:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

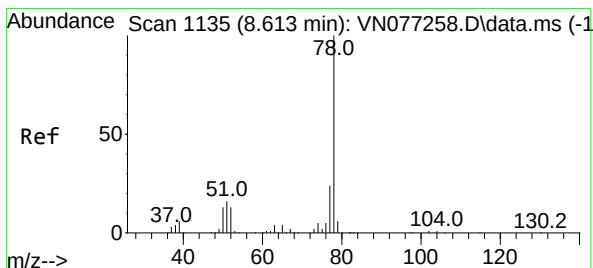
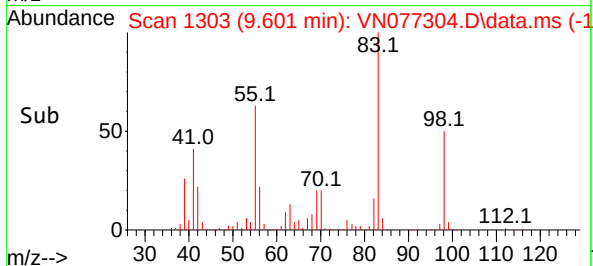
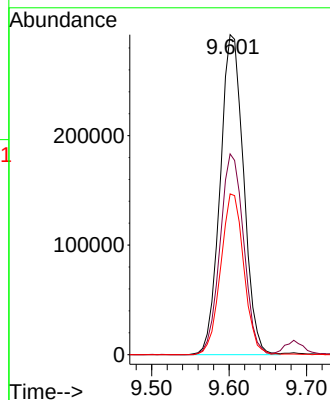
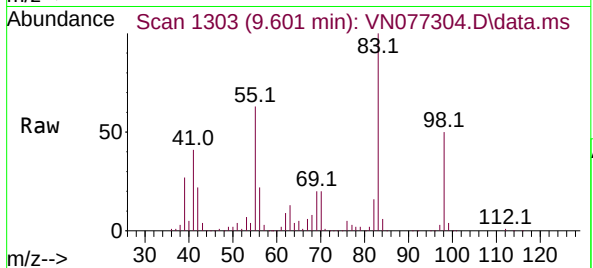
Tgt Ion: 83	Resp: 61444
Ion Ratio	Lower Upper
83 100	
55 62.8	52.4 78.6
98 50.2	39.8 59.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/12/2023

Supervised By :Mahesh Dadoda 04/12/2023



#40

Benzene

Concen: 53.508 ug/l

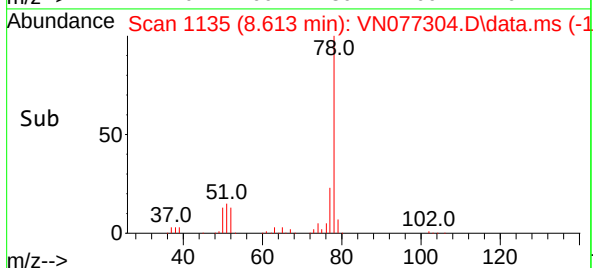
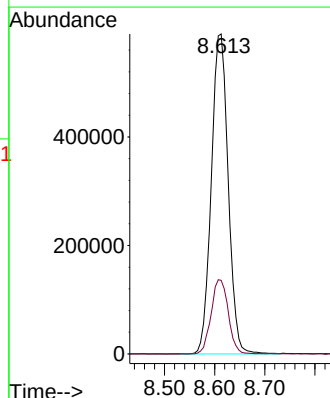
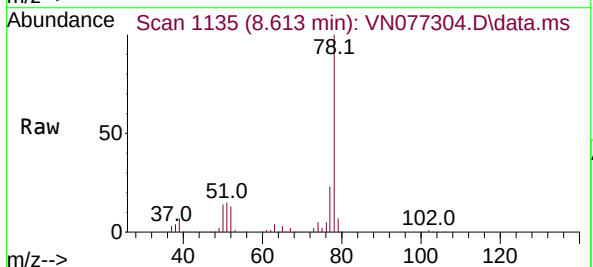
RT: 8.613 min Scan# 1135

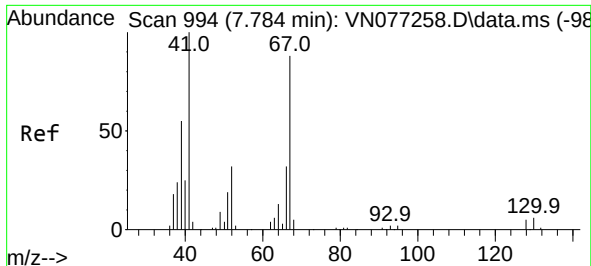
Delta R.T. -0.000 min

Lab File: VN077304.D

Acq: 11 Apr 2023 17:40

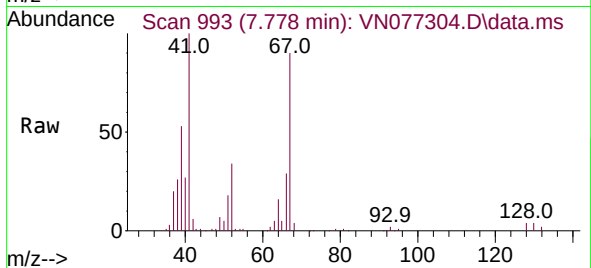
Tgt Ion: 78	Resp: 1380055
Ion Ratio	Lower Upper
78 100	
77 23.0	19.5 29.3





#41
Methacrylonitrile
Concen: 45.013 ug/l
RT: 7.778 min Scan# 994
Delta R.T. -0.006 min
Lab File: VN077304.D
Acq: 11 Apr 2023 17:40

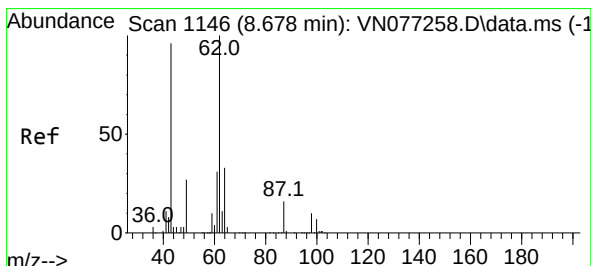
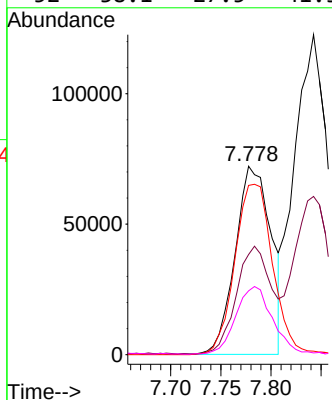
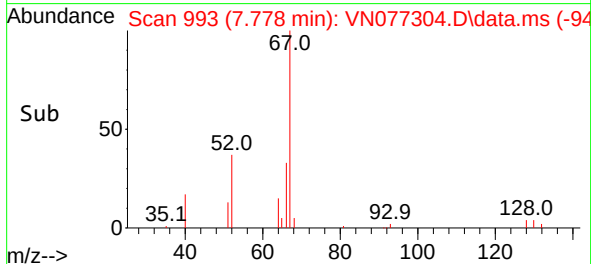
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 17900
Ion Ratio Lower Upper
41 100
39 55.9 44.1 66.1
67 96.1 71.4 107.2
52 38.1 27.5 41.3

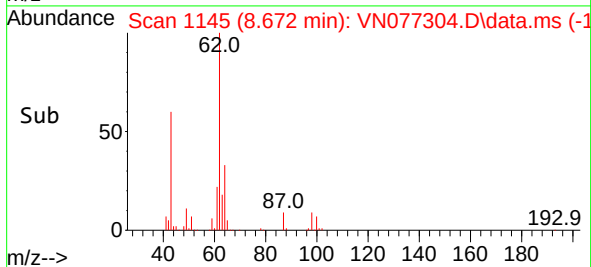
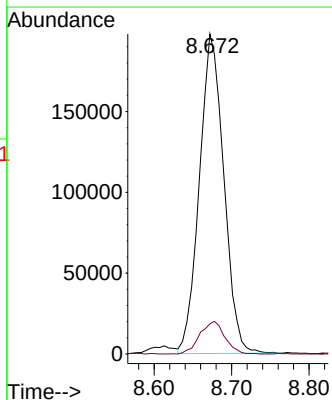
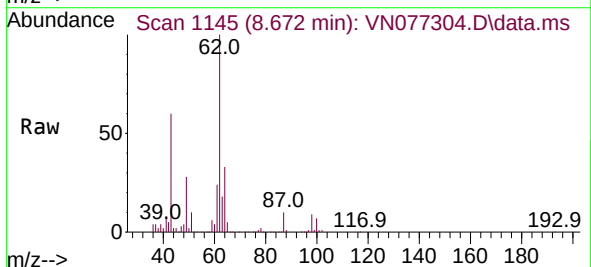
Manual Integrations
APPROVED

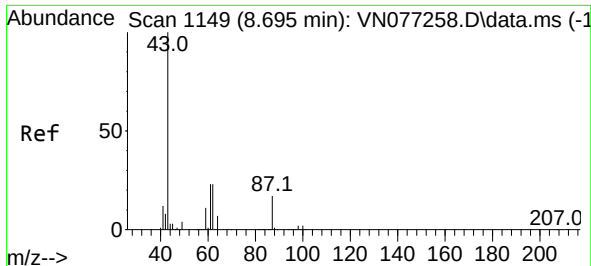
Reviewed By :John Carlone 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023



#42
1,2-Dichloroethane
Concen: 54.470 ug/l
RT: 8.672 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN077304.D
Acq: 11 Apr 2023 17:40

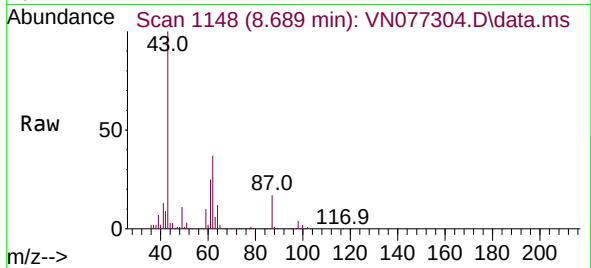
Tgt Ion: 62 Resp: 432382
Ion Ratio Lower Upper
62 100
98 10.4 0.0 20.2





#43
Isopropyl Acetate
Concen: 48.390 ug/l
RT: 8.689 min Scan# 1149
Delta R.T. -0.006 min
Lab File: VN077304.D
Acq: 11 Apr 2023 17:40

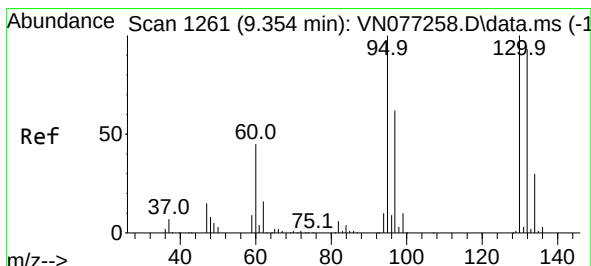
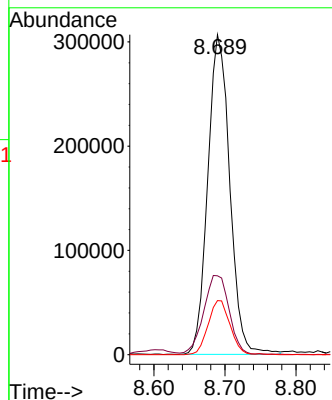
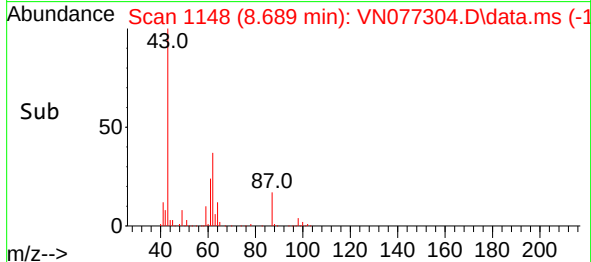
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 660598
Ion Ratio Lower Upper
43 100
61 28.6 22.7 34.1
87 16.9 13.6 20.4

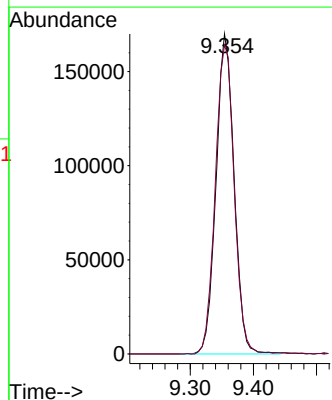
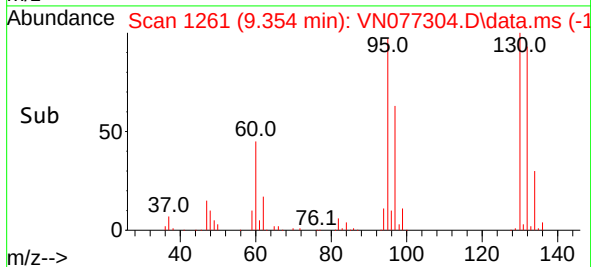
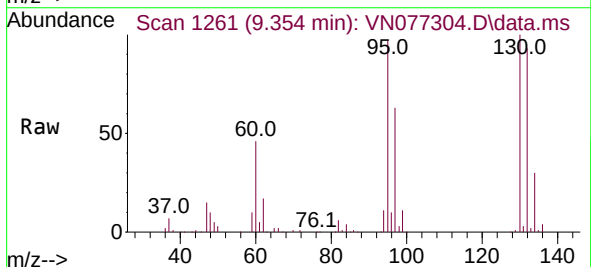
Manual Integrations
APPROVED

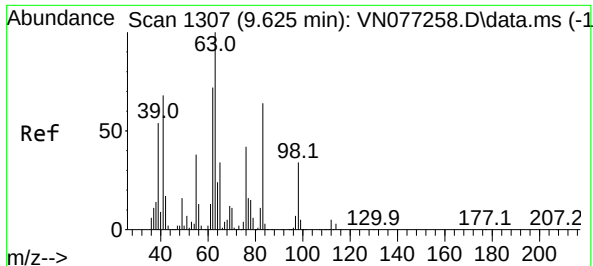
Reviewed By :John Carlone 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023



#44
Trichloroethene
Concen: 54.767 ug/l
RT: 9.354 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VN077304.D
Acq: 11 Apr 2023 17:40

Tgt Ion:130 Resp: 337981
Ion Ratio Lower Upper
130 100
95 96.5 0.0 200.2





#45

1,2-Dichloropropane

Concen: 56.033 ug/l

RT: 9.619 min Scan# 1306

Delta R.T. -0.006 min

Lab File: VN077304.D

Acq: 11 Apr 2023 17:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 343228

Ion Ratio Lower Upper

63 100

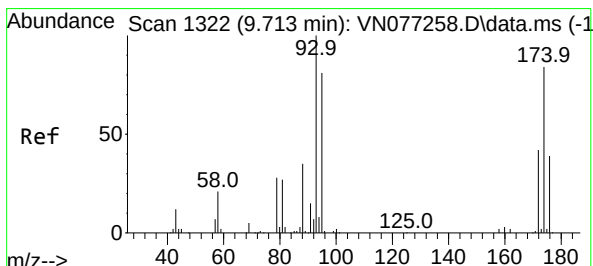
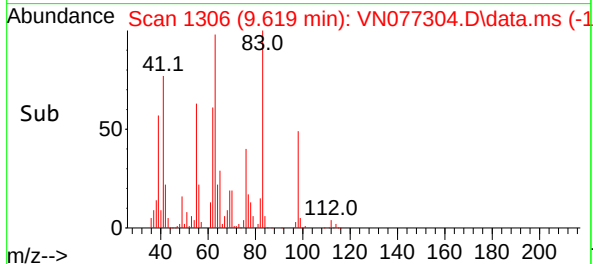
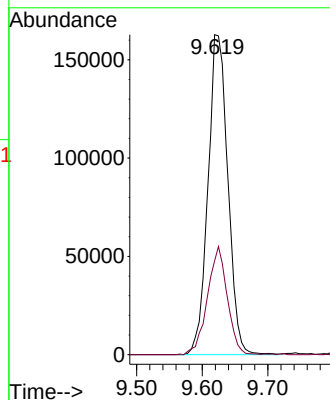
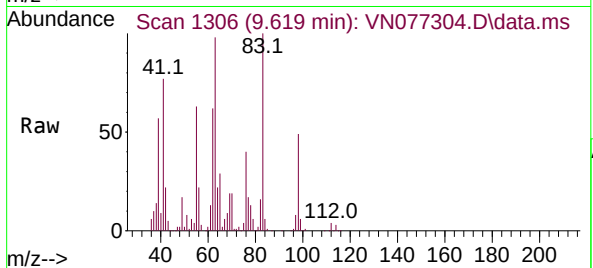
65 29.1 27.1 40.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/12/2023

Supervised By :Mahesh Dadoda 04/12/2023



#46

Dibromomethane

Concen: 53.994 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN077304.D

Acq: 11 Apr 2023 17:40

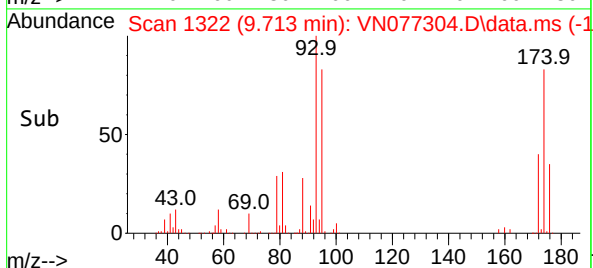
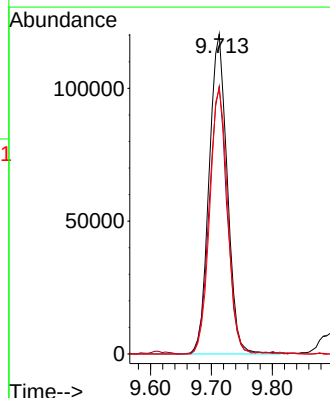
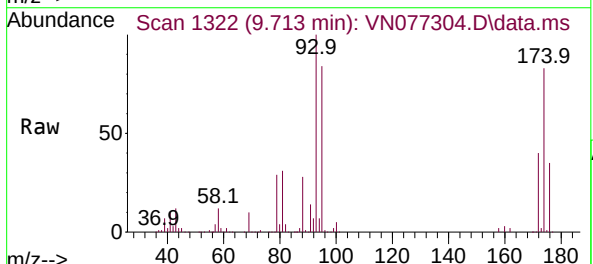
Tgt Ion: 93 Resp: 249188

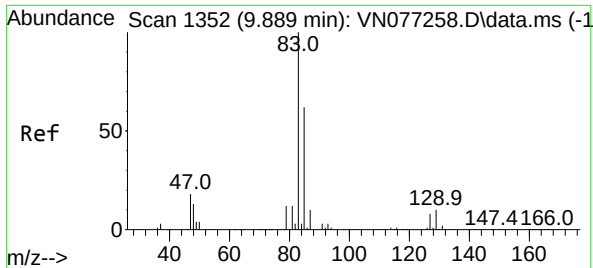
Ion Ratio Lower Upper

93 100

95 82.7 65.8 98.6

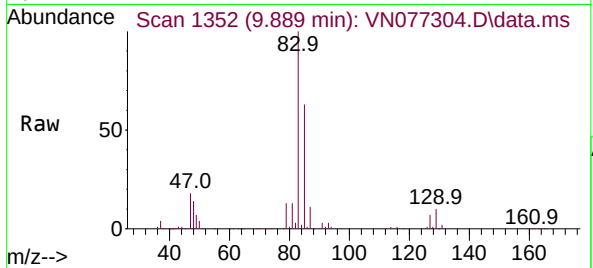
174 81.8 66.0 99.0





#47
Bromodichloromethane
Concen: 54.515 ug/l
RT: 9.889 min Scan# 1352
Delta R.T. 0.000 min
Lab File: VN077304.D
Acq: 11 Apr 2023 17:40

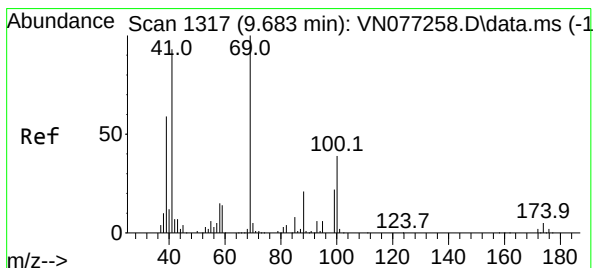
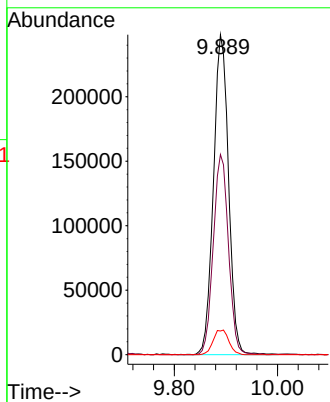
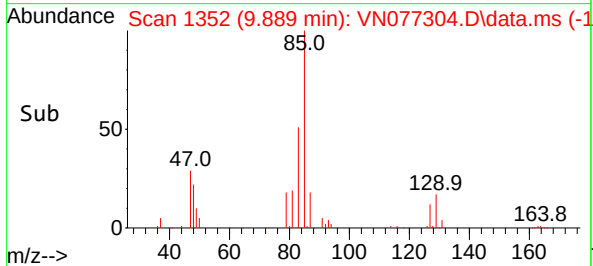
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 50287
Ion Ratio Lower Upper
83 100
85 62.6 49.8 74.8
127 7.4 6.2 9.2

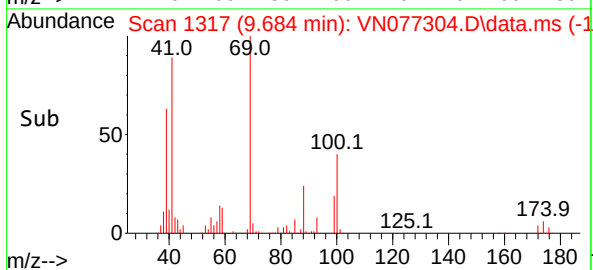
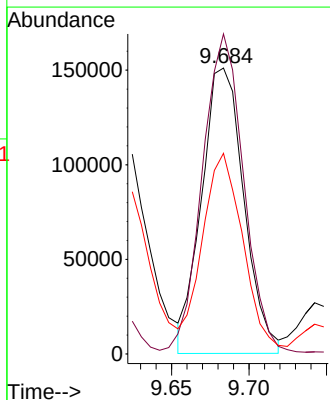
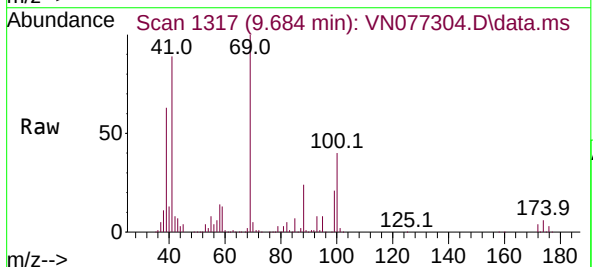
Manual Integrations
APPROVED

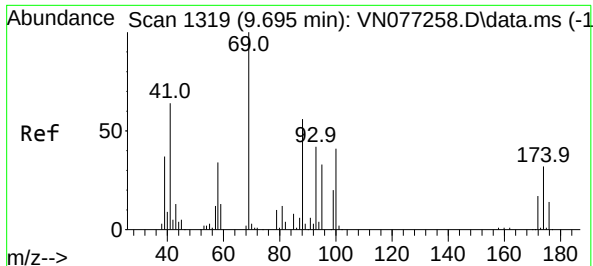
Reviewed By :John Carlone 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023



#48
Methyl methacrylate
Concen: 49.140 ug/l
RT: 9.684 min Scan# 1317
Delta R.T. 0.001 min
Lab File: VN077304.D
Acq: 11 Apr 2023 17:40

Tgt Ion: 41 Resp: 286172
Ion Ratio Lower Upper
41 100
69 109.1 85.0 127.6
39 68.4 53.5 80.3





#49

1,4-Dioxane

Concen: 937.728 ug/l

RT: 9.701 min Scan# 1319

Delta R.T. 0.006 min

Lab File: VN077304.D

Acq: 11 Apr 2023 17:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 132398

Ion Ratio Lower Upper

88 100

43 21.3 17.0 25.6

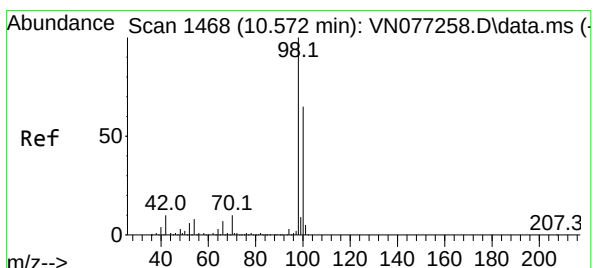
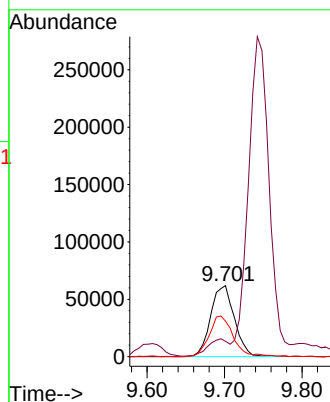
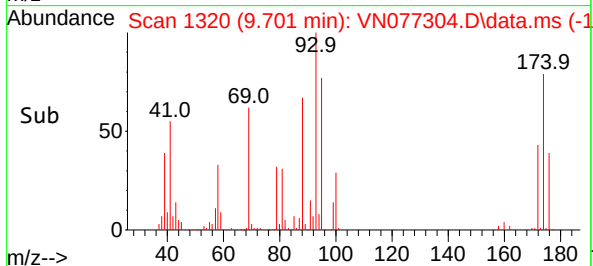
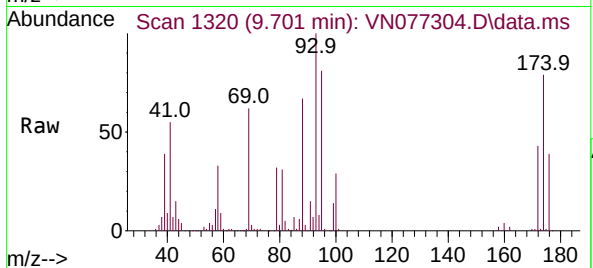
58 58.3 49.8 74.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/12/2023

Supervised By :Mahesh Dadoda 04/12/2023



#50

Toluene-d8

Concen: 48.822 ug/l

RT: 10.572 min Scan# 1468

Delta R.T. -0.000 min

Lab File: VN077304.D

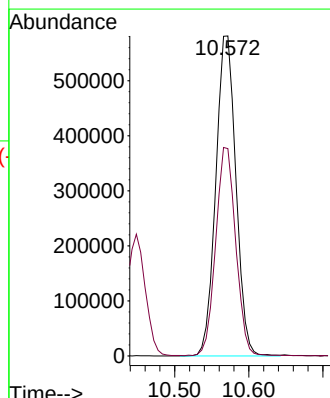
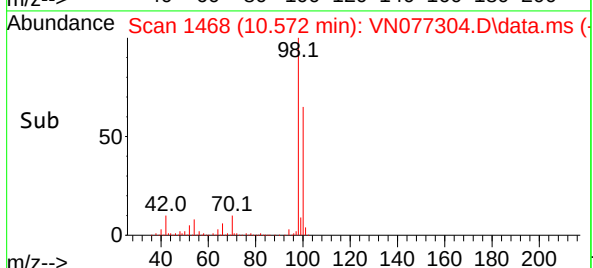
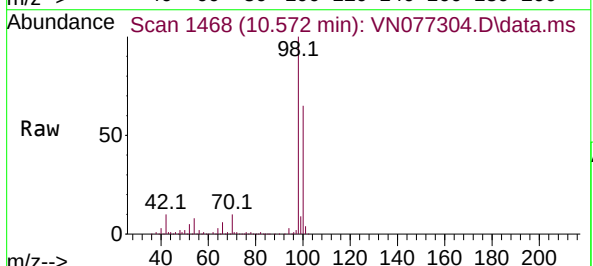
Acq: 11 Apr 2023 17:40

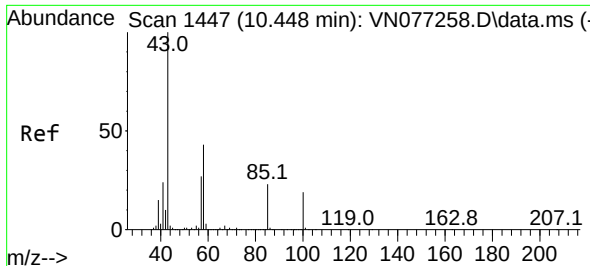
Tgt Ion: 98 Resp: 1098831

Ion Ratio Lower Upper

98 100

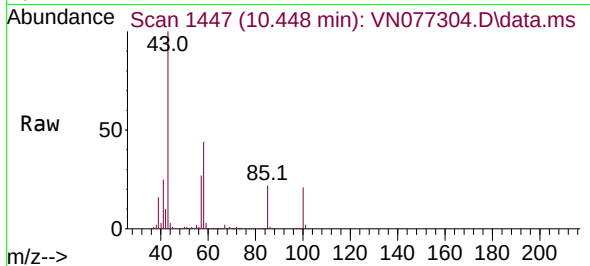
100 64.4 51.3 76.9





#51
4-Methyl-2-Pentanone
Concen: 241.319 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN077304.D
Acq: 11 Apr 2023 17:40

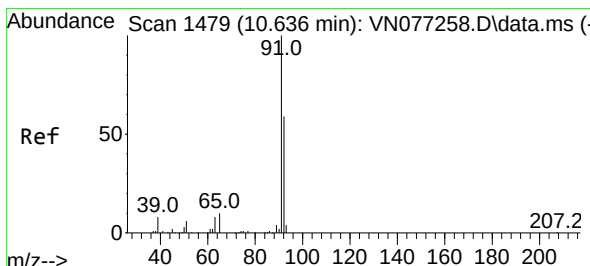
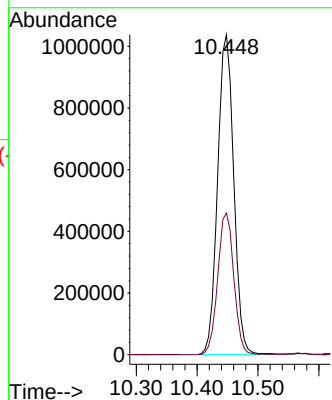
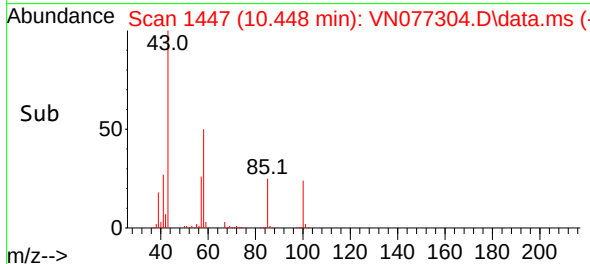
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



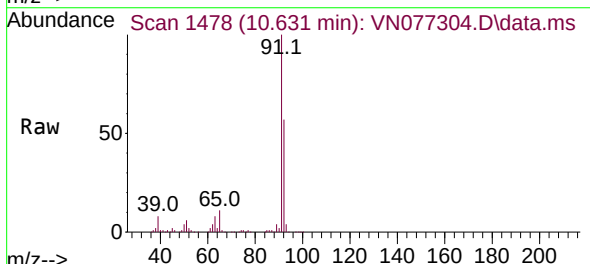
Tgt Ion: 43 Resp: 1904219
Ion Ratio Lower Upper
43 100
58 44.3 34.6 52.0

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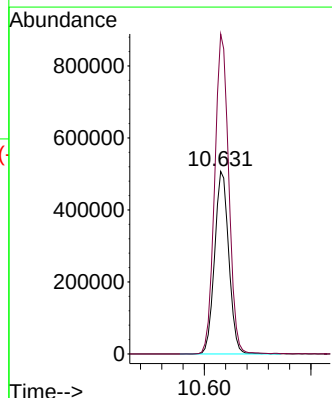
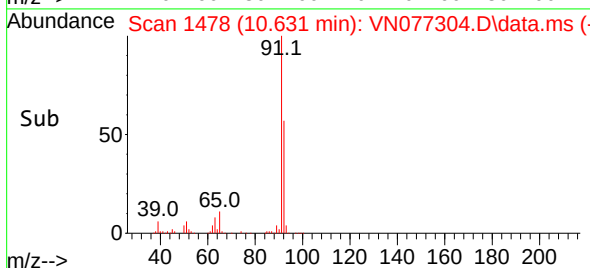
Reviewed By :John Carlone 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023

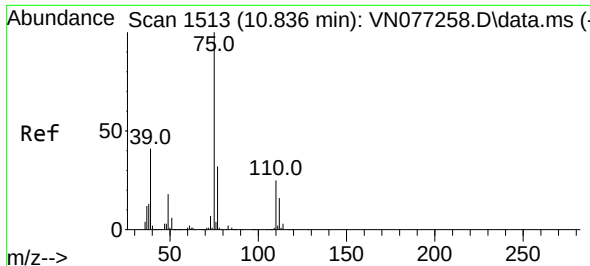


#52
Toluene
Concen: 55.529 ug/l
RT: 10.631 min Scan# 1478
Delta R.T. -0.005 min
Lab File: VN077304.D
Acq: 11 Apr 2023 17:40



Tgt Ion: 92 Resp: 937434
Ion Ratio Lower Upper
92 100
91 173.9 138.0 207.0





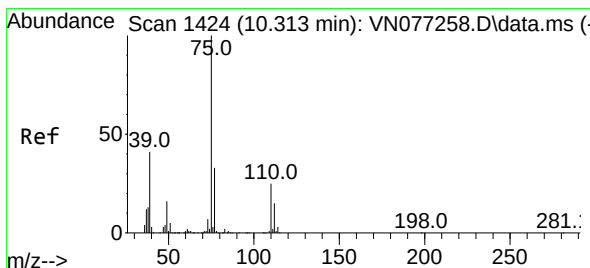
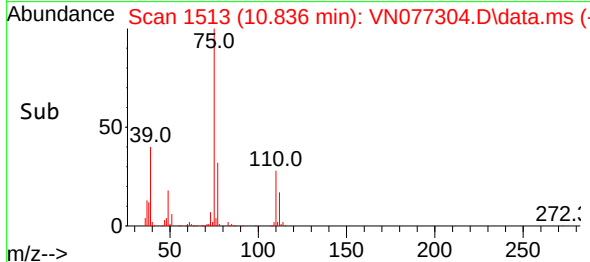
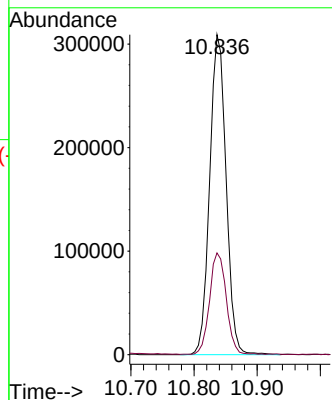
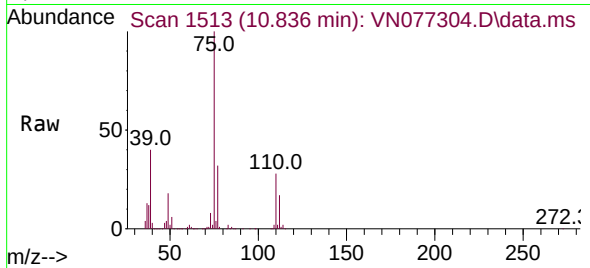
#53
t-1,3-Dichloropropene
Concen: 55.690 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VN077304.D
Acq: 11 Apr 2023 17:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 55783
Ion Ratio Lower Upper
75 100
77 31.7 25.4 38.0

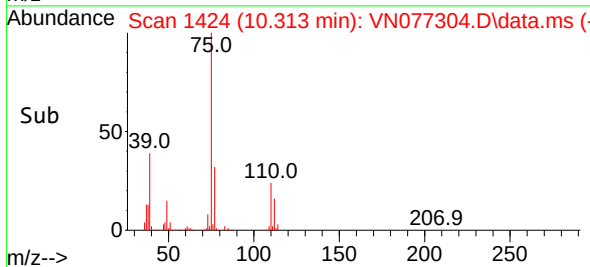
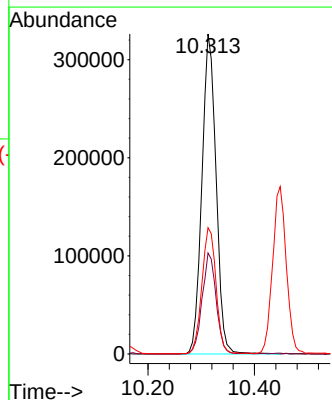
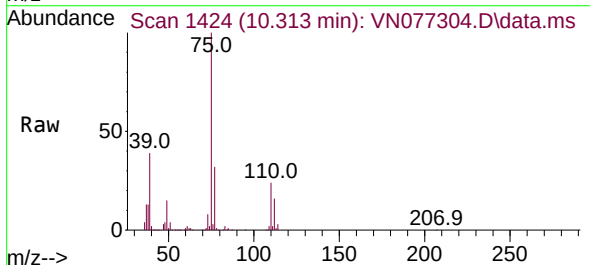
Manual Integrations
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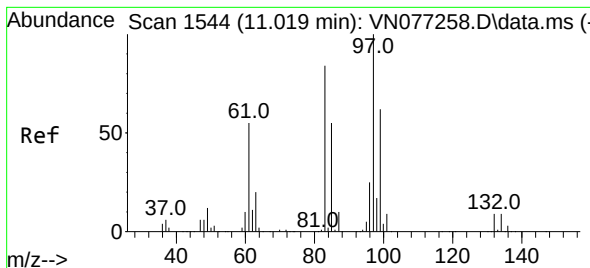
Reviewed By :John Carlone 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023



#54
cis-1,3-Dichloropropene
Concen: 56.361 ug/l
RT: 10.313 min Scan# 1424
Delta R.T. -0.000 min
Lab File: VN077304.D
Acq: 11 Apr 2023 17:40

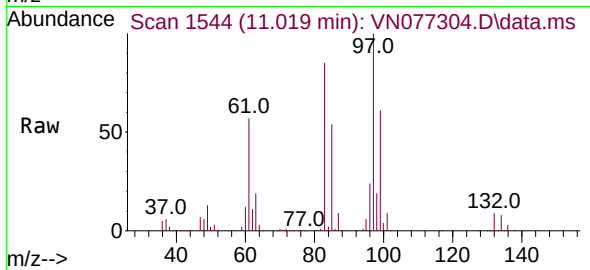
Tgt Ion: 75 Resp: 601346
Ion Ratio Lower Upper
75 100
77 31.5 26.7 40.1
39 39.4 32.8 49.2





#55
1,1,2-Trichloroethane
Concen: 53.174 ug/l
RT: 11.019 min Scan# 1544
Delta R.T. -0.000 min
Lab File: VN077304.D
Acq: 11 Apr 2023 17:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

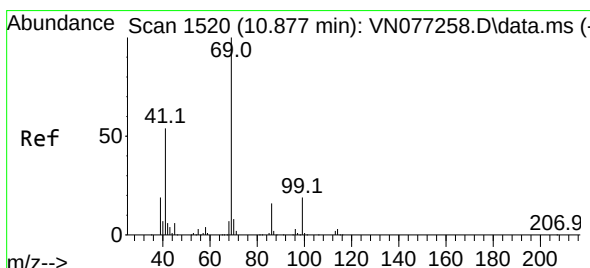
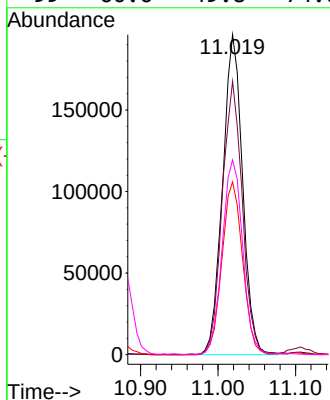
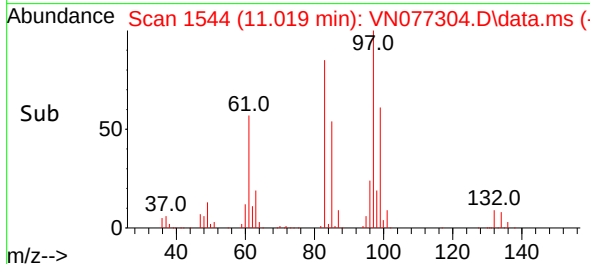


Tgt Ion: 97 Resp: 35237

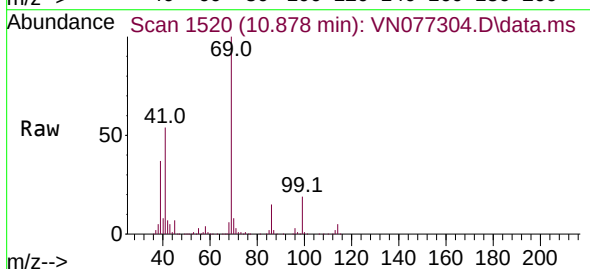
Ion	Ratio	Lower	Upper
97	100		
83	85.4	67.4	101.2
85	54.0	44.1	66.1
99	60.6	49.8	74.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023

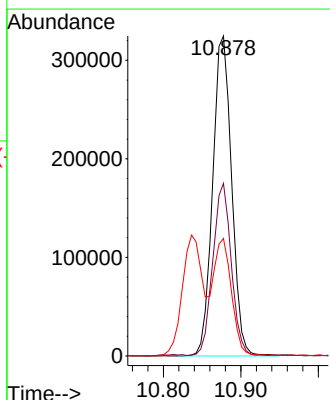
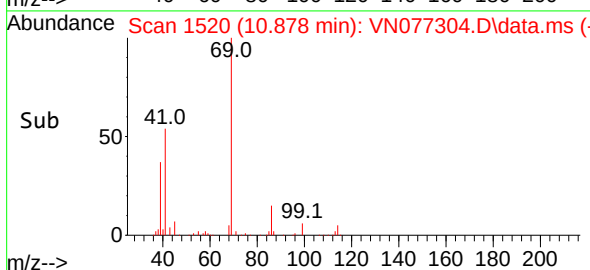


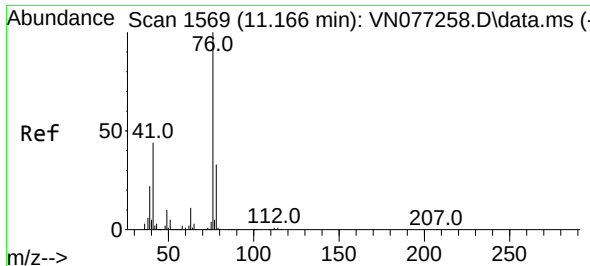
#56
Ethyl methacrylate
Concen: 53.440 ug/l
RT: 10.878 min Scan# 1520
Delta R.T. 0.001 min
Lab File: VN077304.D
Acq: 11 Apr 2023 17:40



Tgt Ion: 69 Resp: 551593

Ion	Ratio	Lower	Upper
69	100		
41	52.2	42.8	64.2
39	36.7	27.0	40.4





#57

1,3-Dichloropropane

Concen: 54.325 ug/l

RT: 11.166 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VN077304.D

Acq: 11 Apr 2023 17:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 59476

Ion Ratio Lower Upper

76 100

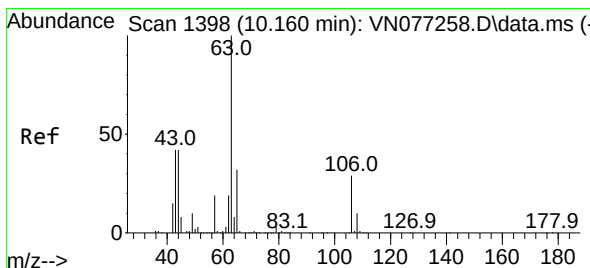
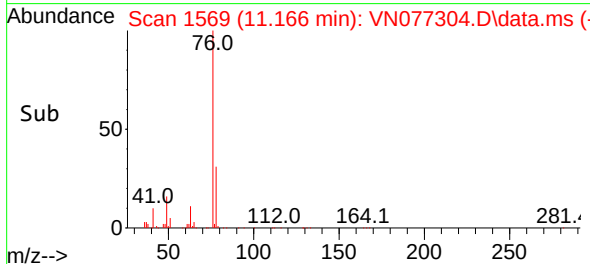
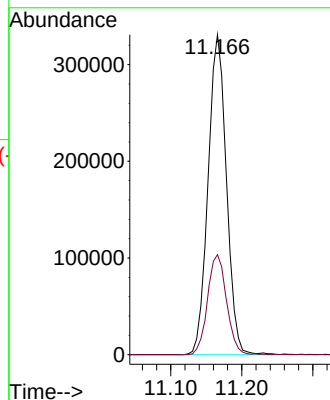
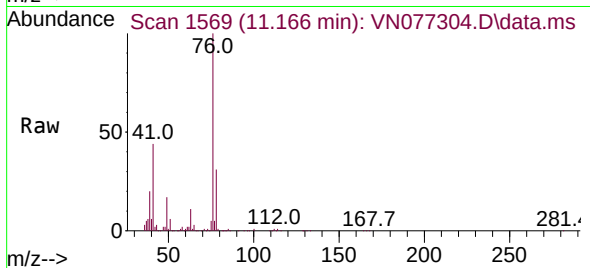
78 32.3 26.2 39.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/12/2023

Supervised By :Mahesh Dadoda 04/12/2023



#58

2-Chloroethyl Vinyl ether

Concen: 254.887 ug/l

RT: 10.160 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VN077304.D

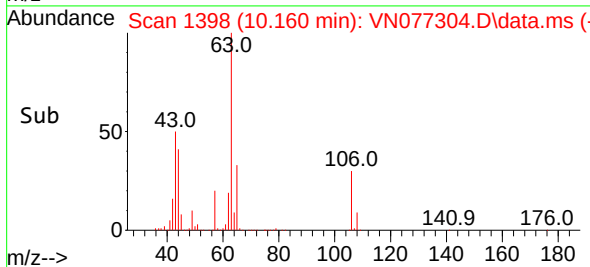
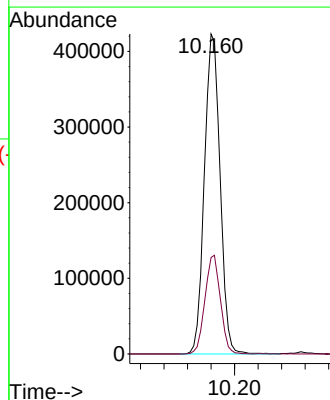
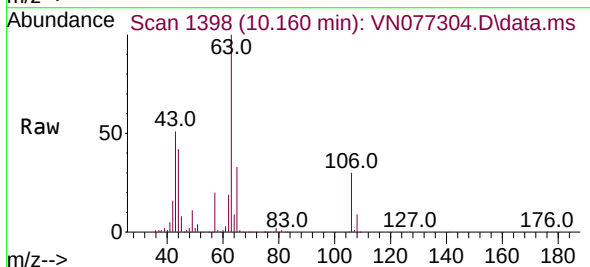
Acq: 11 Apr 2023 17:40

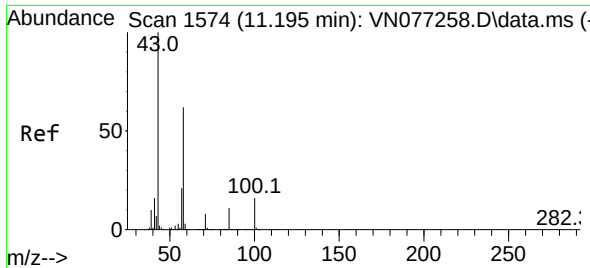
Tgt Ion: 63 Resp: 783165

Ion Ratio Lower Upper

63 100

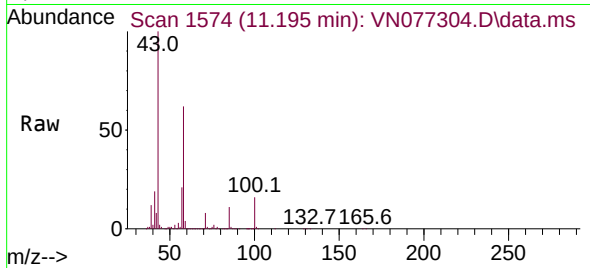
106 30.3 24.1 36.1





#59
2-Hexanone
Concen: 233.658 ug/l
RT: 11.195 min Scan# 1574
Delta R.T. 0.000 min
Lab File: VN077304.D
Acq: 11 Apr 2023 17:40

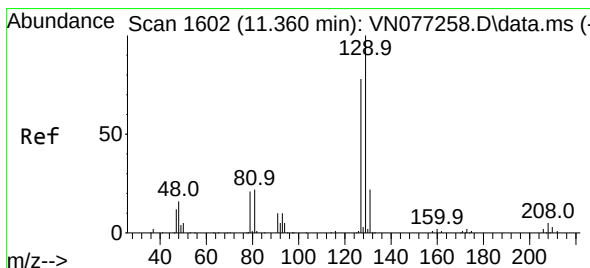
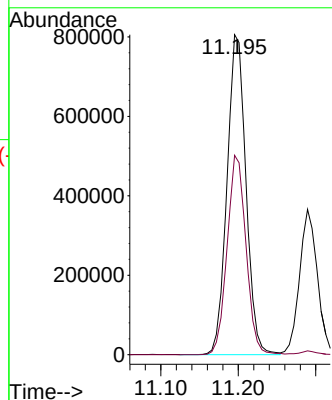
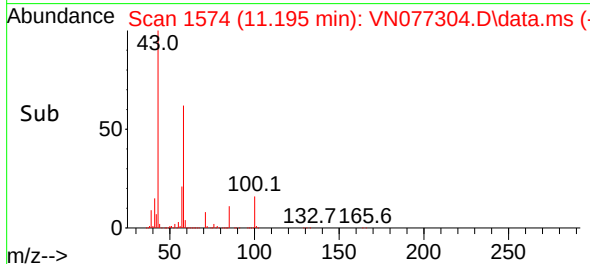
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 137360
Ion Ratio Lower Upper
43 100
58 62.1 30.9 92.5

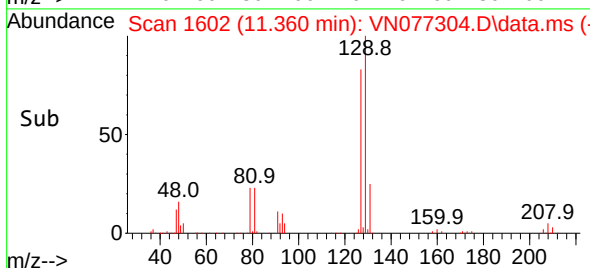
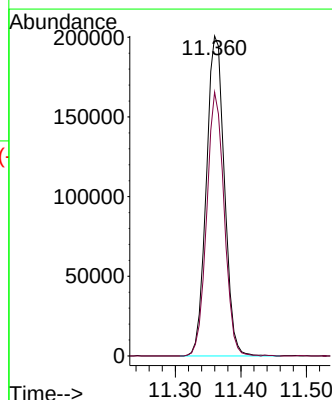
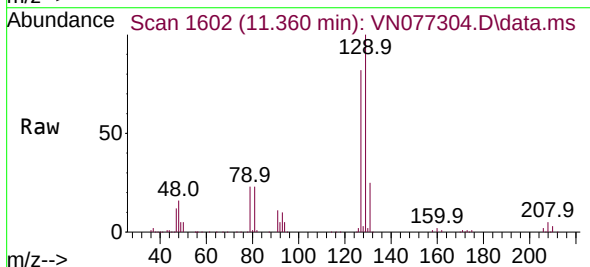
Manual Integrations
APPROVED

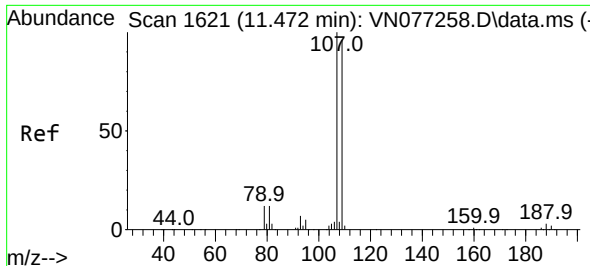
Reviewed By :John Carlone 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023



#60
Dibromochloromethane
Concen: 56.342 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN077304.D
Acq: 11 Apr 2023 17:40

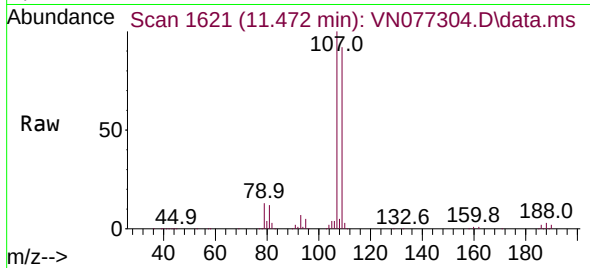
Tgt Ion:129 Resp: 384539
Ion Ratio Lower Upper
129 100
127 79.8 38.1 114.5





#61
1,2-Dibromoethane
Concen: 55.026 ug/l
RT: 11.472 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VN077304.D
Acq: 11 Apr 2023 17:40

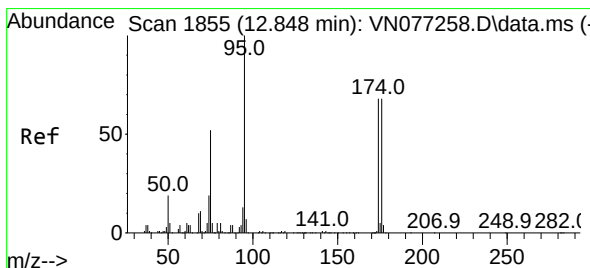
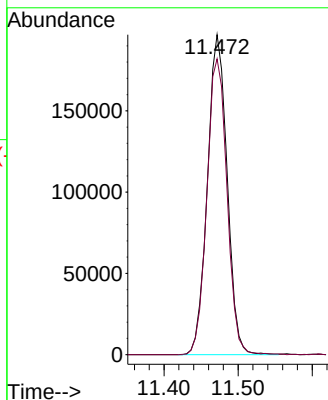
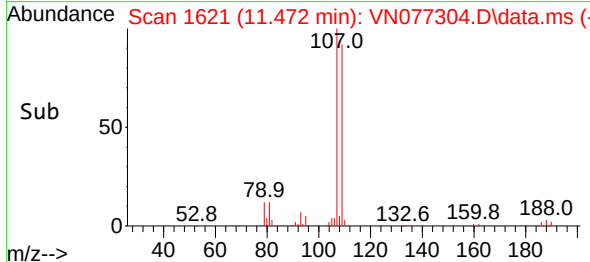
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



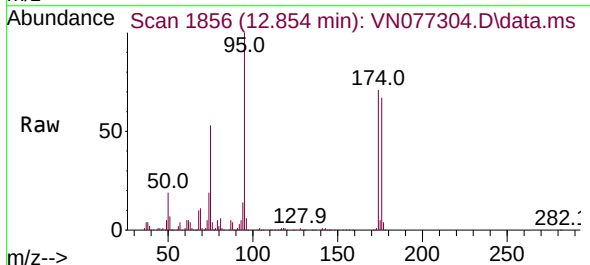
Tgt Ion:107 Resp: 363964
Ion Ratio Lower Upper
107 100
109 94.2 75.2 112.8

Manual Integrations
APPROVED

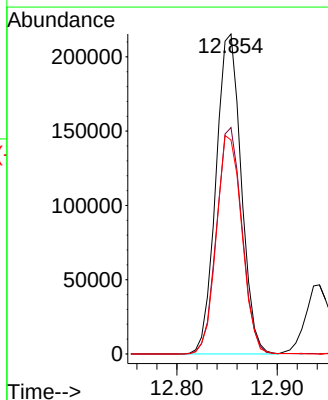
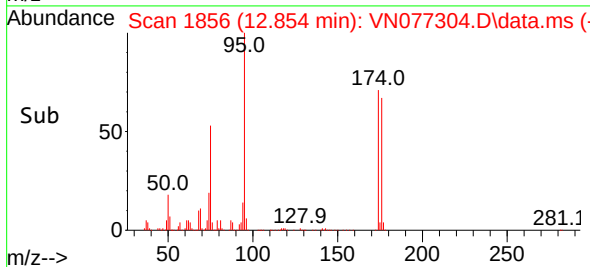
Reviewed By :John Carlone 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023

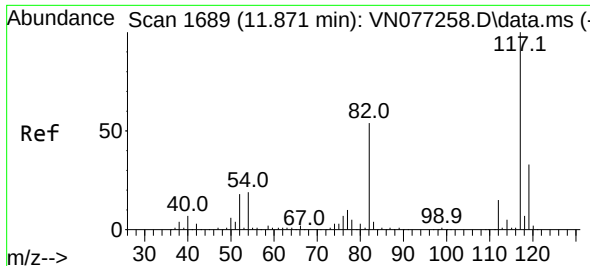


#62
4-Bromofluorobenzene
Concen: 50.329 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077304.D
Acq: 11 Apr 2023 17:40



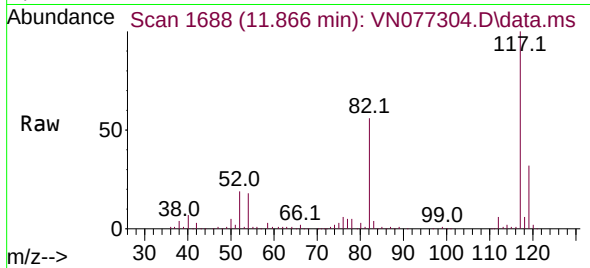
Tgt Ion: 95 Resp: 376736
Ion Ratio Lower Upper
95 100
174 71.2 0.0 146.8
176 68.9 0.0 139.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 1688
Delta R.T. -0.005 min
Lab File: VN077304.D
Acq: 11 Apr 2023 17:40

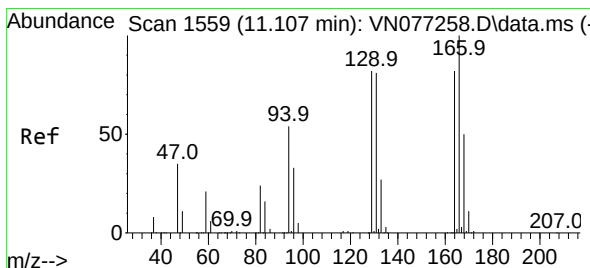
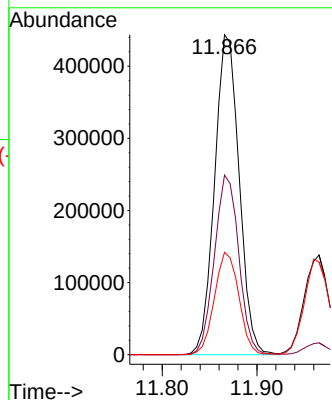
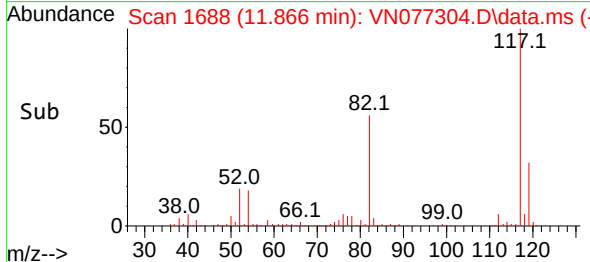
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 80066
Ion Ratio Lower Upper
117 100
82 56.2 42.9 64.3
119 32.0 26.2 39.4

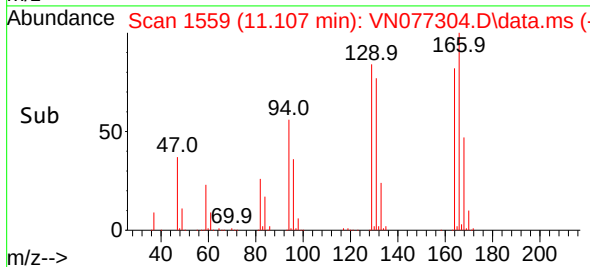
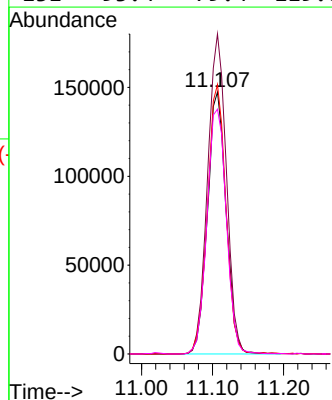
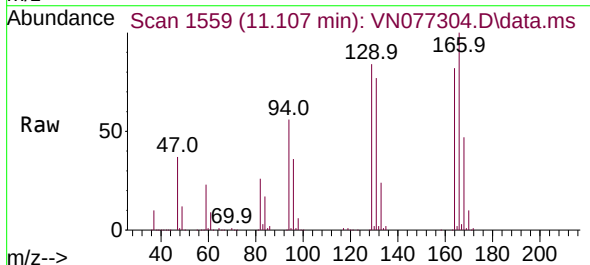
Manual Integrations
APPROVED

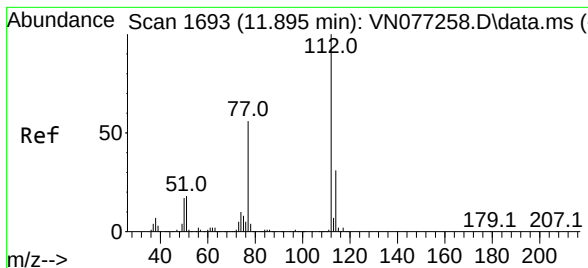
Reviewed By :John Carlone 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023



#64
Tetrachloroethene
Concen: 54.276 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN077304.D
Acq: 11 Apr 2023 17:40

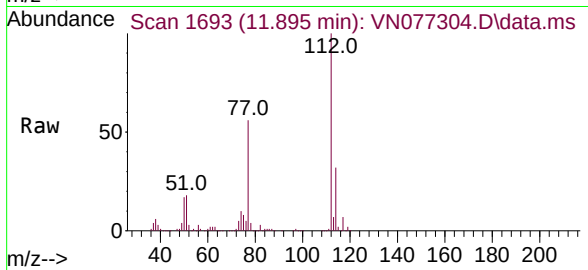
Tgt Ion:164 Resp: 268459
Ion Ratio Lower Upper
164 100
166 122.1 97.8 146.6
129 102.8 80.1 120.1
131 93.4 79.4 119.0





#65
Chlorobenzene
Concen: 55.557 ug/l
RT: 11.895 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VN077304.D
Acq: 11 Apr 2023 17:40

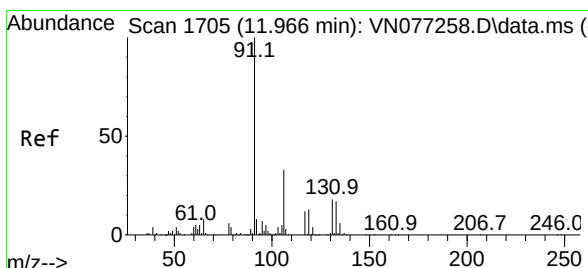
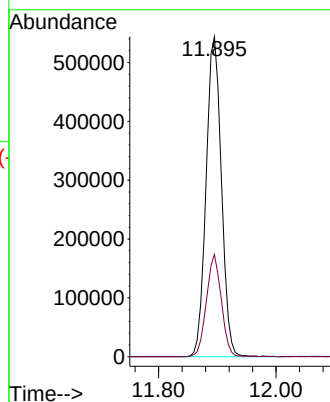
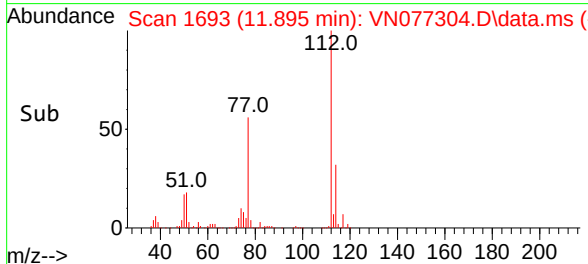
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



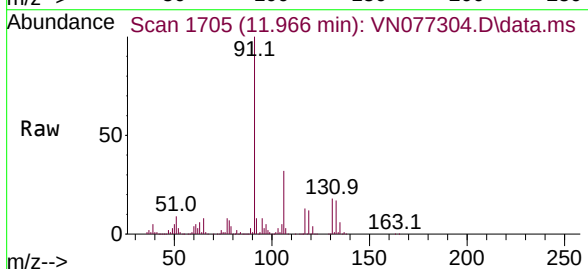
Tgt Ion:112 Resp: 979335
Ion Ratio Lower Upper
112 100
114 32.0 24.6 36.8

Manual Integrations
APPROVED

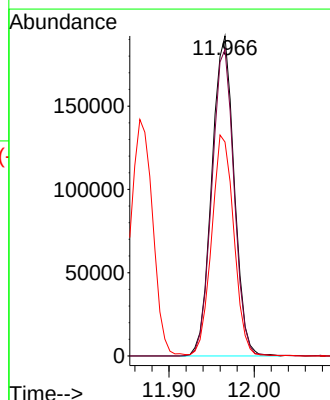
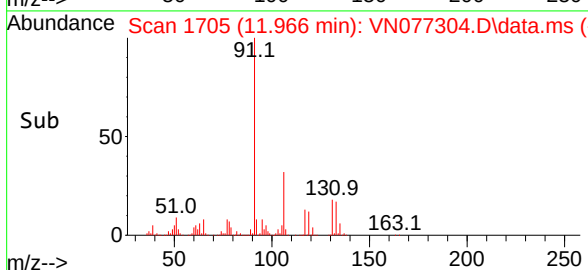
Reviewed By :John Carlone 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023

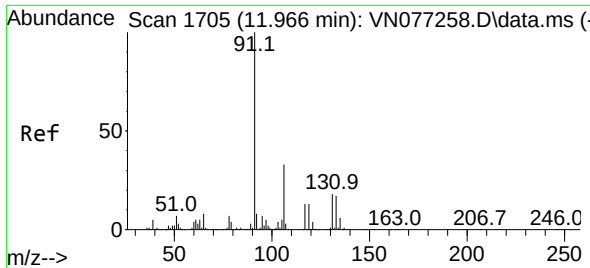


#66
1,1,1,2-Tetrachloroethane
Concen: 52.475 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077304.D
Acq: 11 Apr 2023 17:40



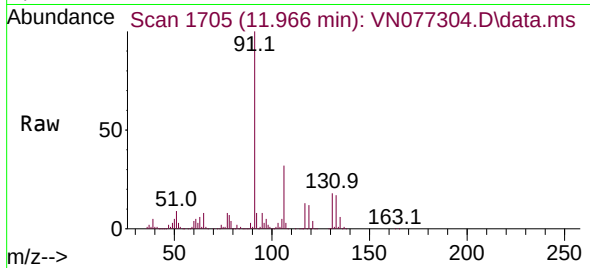
Tgt Ion:131 Resp: 349997
Ion Ratio Lower Upper
131 100
133 95.0 46.9 140.6
119 68.4 34.0 102.0





#67
Ethyl Benzene
Concen: 55.545 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077304.D
Acq: 11 Apr 2023 17:40

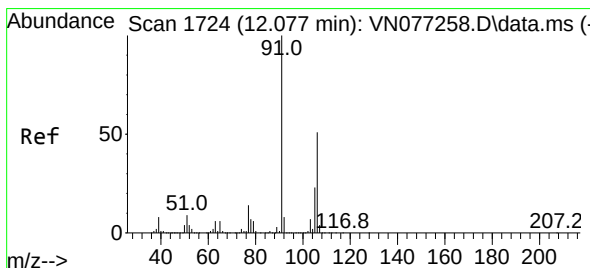
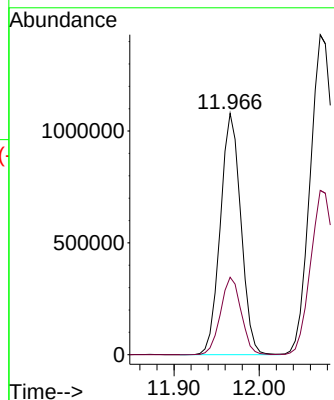
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 1806794
Ion Ratio Lower Upper
91 100
106 32.1 26.2 39.2

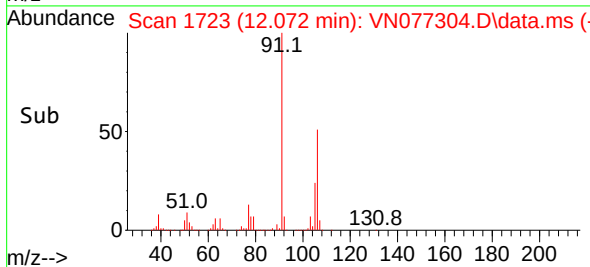
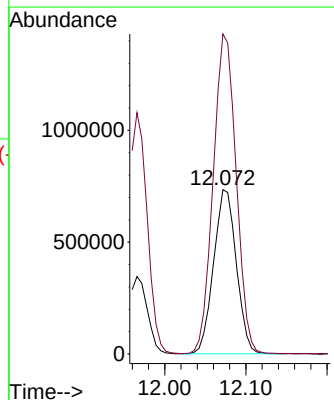
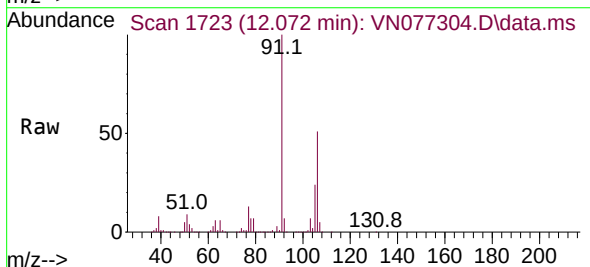
Manual Integrations
APPROVED

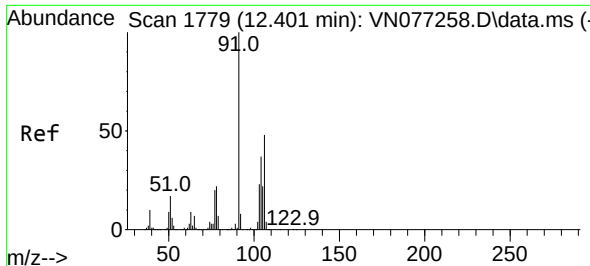
Reviewed By :John Carlone 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023



#68
m/p-Xylenes
Concen: 111.692 ug/l
RT: 12.072 min Scan# 1723
Delta R.T. -0.005 min
Lab File: VN077304.D
Acq: 11 Apr 2023 17:40

Tgt Ion:106 Resp: 1427545
Ion Ratio Lower Upper
106 100
91 197.6 158.7 238.1





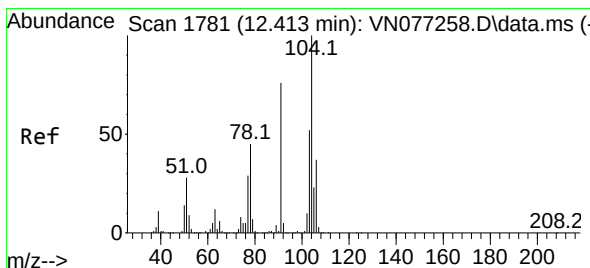
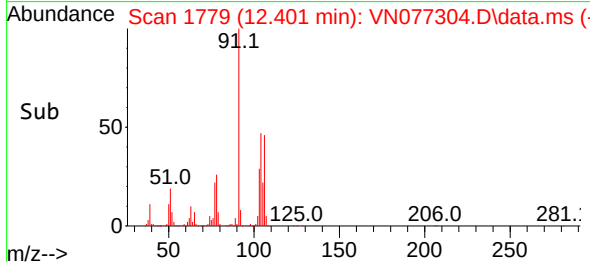
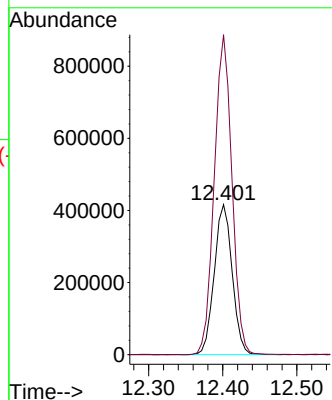
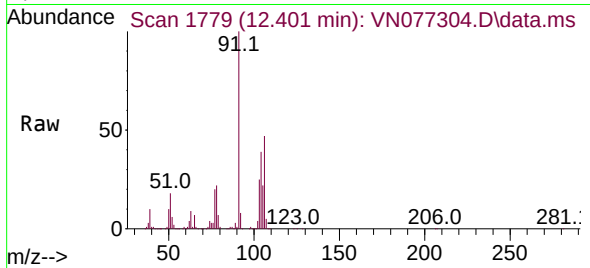
#69
o-Xylene
Concen: 55.531 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077304.D
Acq: 11 Apr 2023 17:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 700185
Ion Ratio Lower Upper
106 100
91 209.6 104.0 312.0

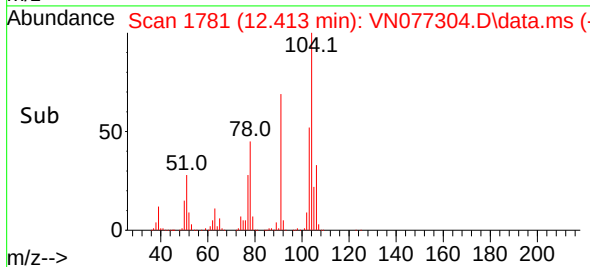
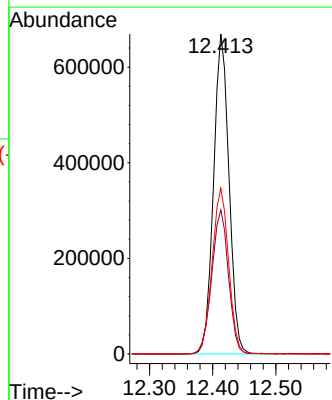
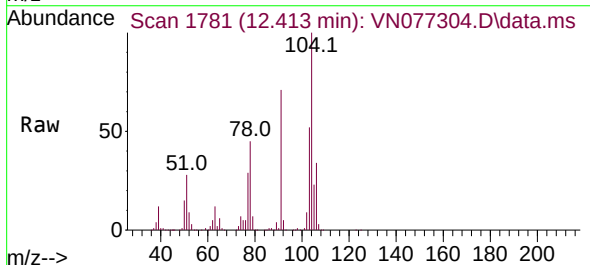
Manual Integrations
APPROVED

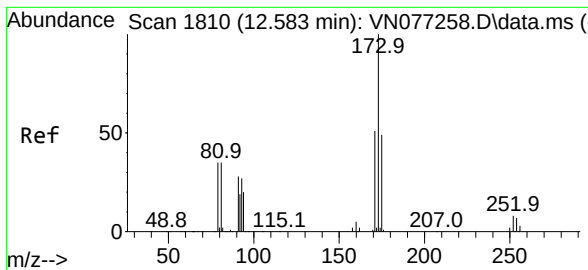
Reviewed By :John Carlone 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023



#70
Styrene
Concen: 56.034 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VN077304.D
Acq: 11 Apr 2023 17:40

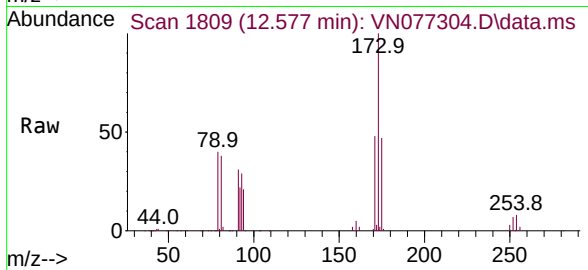
Tgt Ion:104 Resp: 1136972
Ion Ratio Lower Upper
104 100
78 48.7 38.0 57.0
103 55.4 43.1 64.7





#71
Bromoform
Concen: 54.837 ug/l
RT: 12.577 min Scan# 1810
Delta R.T. -0.006 min
Lab File: VN077304.D
Acq: 11 Apr 2023 17:40

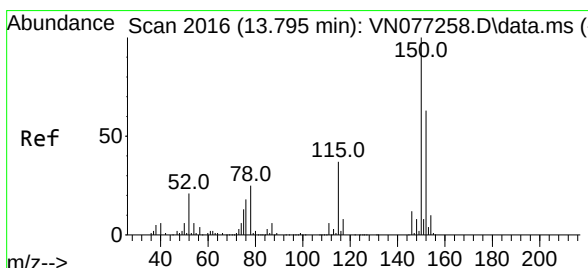
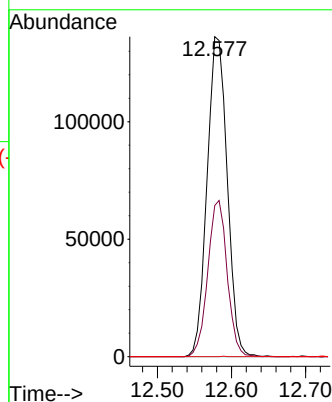
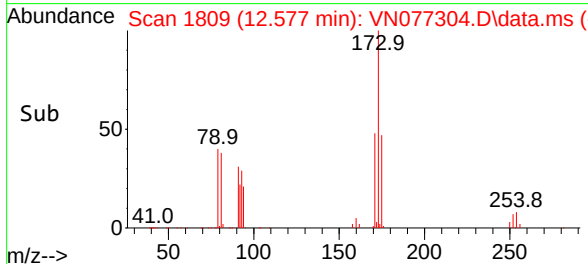
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



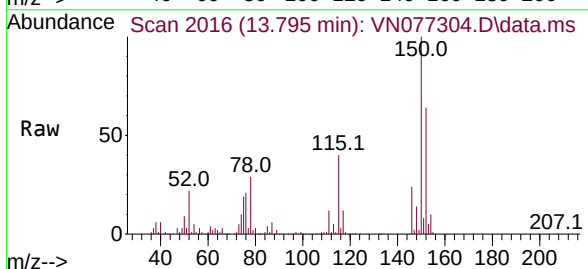
Tgt Ion:173 Resp: 257463
Ion Ratio Lower Upper
173 100
175 47.0 24.1 72.4
254 0.0 0.1 0.1

Manual Integrations
APPROVED

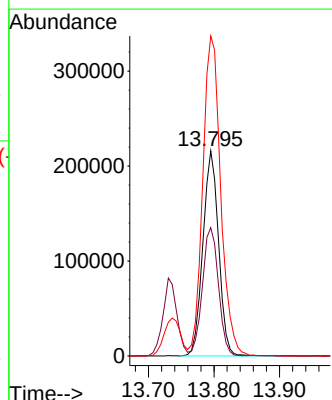
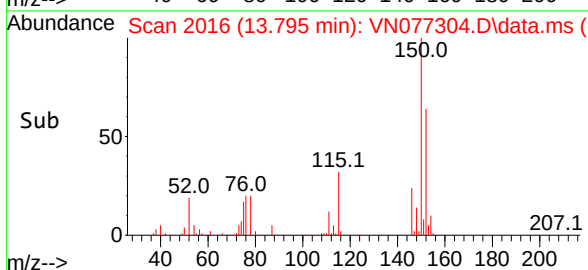
Reviewed By :John Carlone 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023

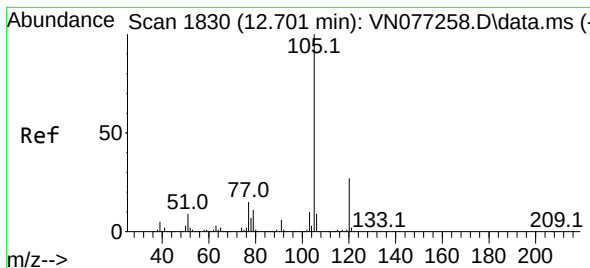


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN077304.D
Acq: 11 Apr 2023 17:40



Tgt Ion:152 Resp: 360064
Ion Ratio Lower Upper
152 100
115 63.6 32.1 96.3
150 178.5 0.0 354.8





#73

Isopropylbenzene

Concen: 52.587 ug/l

RT: 12.701 min Scan# 1830

Delta R.T. -0.000 min

Lab File: VN077304.D

Acq: 11 Apr 2023 17:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 1839100

Ion Ratio Lower Upper

105 100

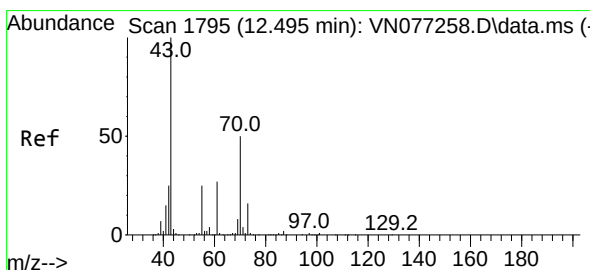
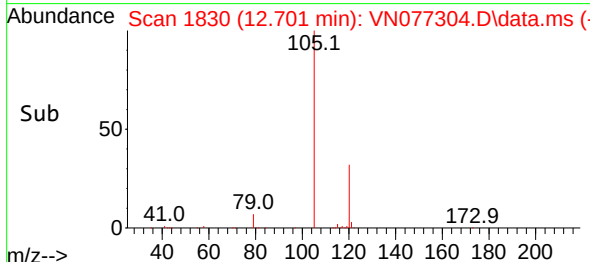
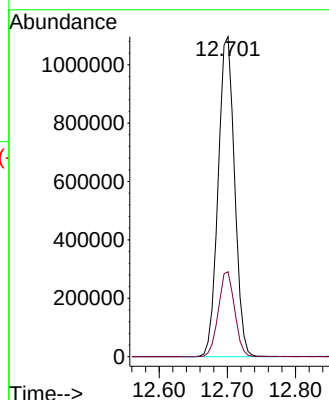
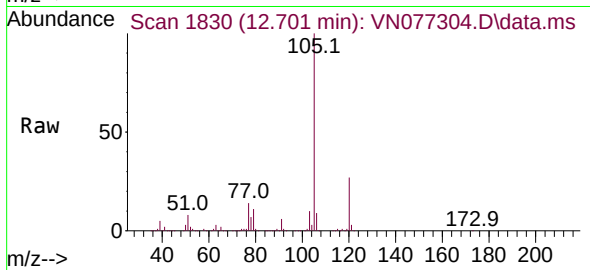
120 26.3 13.2 39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/12/2023

Supervised By :Mahesh Dadoda 04/12/2023



#74

N-ethyl acetate

Concen: 46.207 ug/l

RT: 12.495 min Scan# 1795

Delta R.T. 0.000 min

Lab File: VN077304.D

Acq: 11 Apr 2023 17:40

Tgt Ion: 43 Resp: 612411

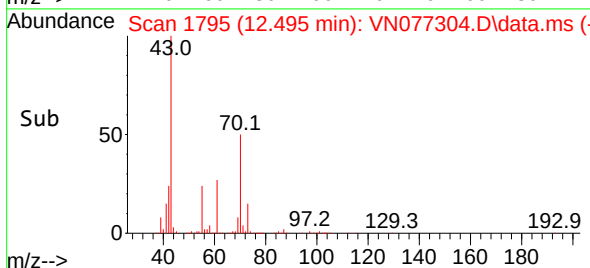
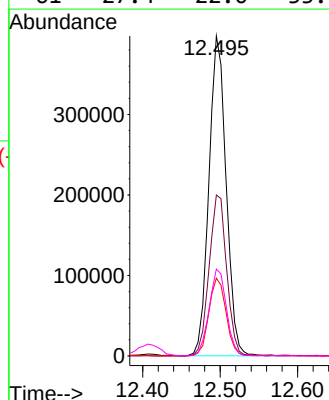
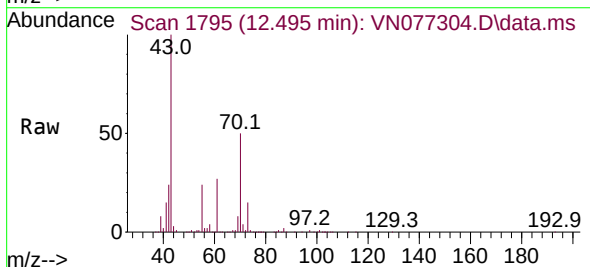
Ion Ratio Lower Upper

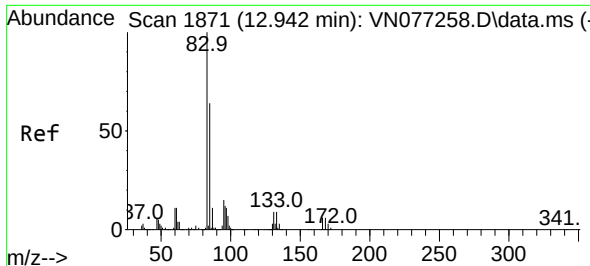
43 100

70 51.4 41.0 61.6

55 24.6 19.3 28.9

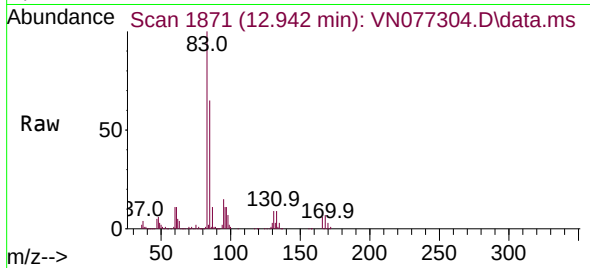
61 27.4 22.0 33.0





#75
1,1,2,2-Tetrachloroethane
Concen: 47.934 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN077304.D
Acq: 11 Apr 2023 17:40

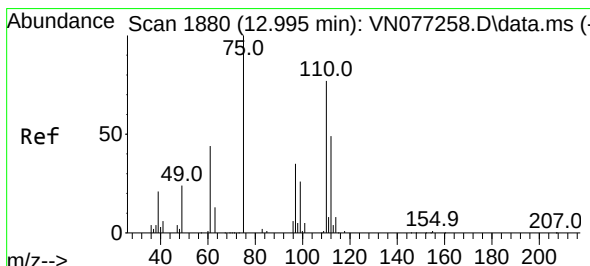
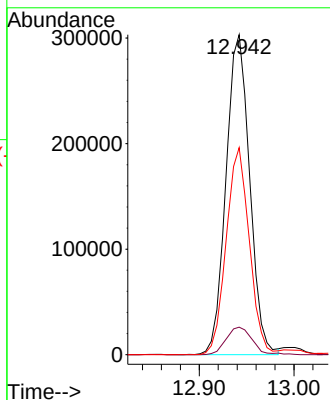
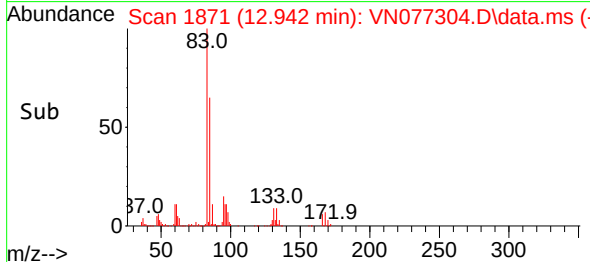
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



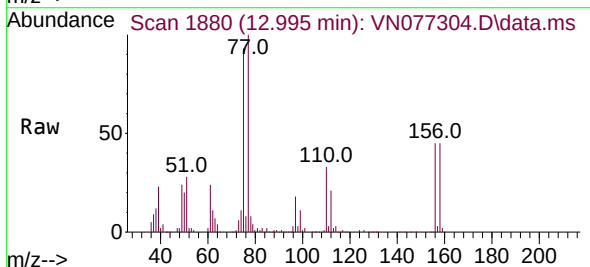
Tgt Ion: 83 Resp: 526090
Ion Ratio Lower Upper
83 100
131 9.5 4.9 14.6
85 63.3 32.1 96.3

Manual Integrations
APPROVED

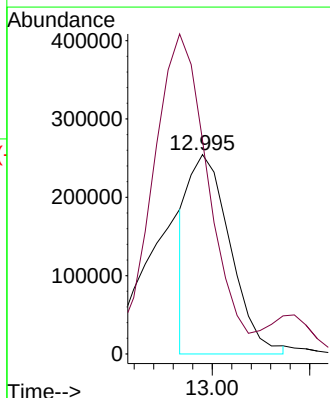
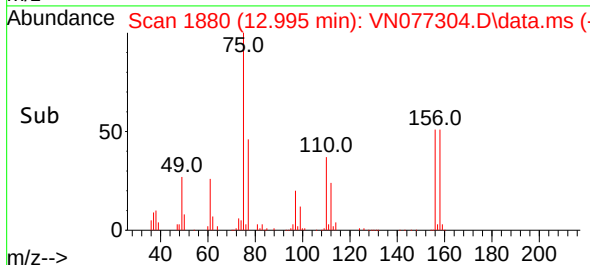
Reviewed By :John Carlone 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023

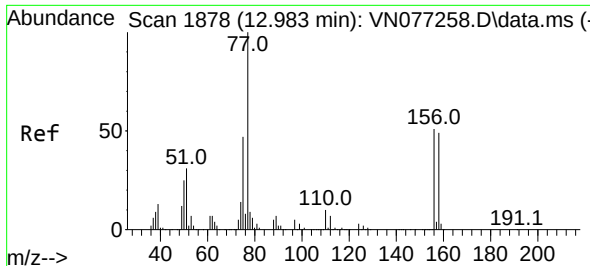


#76
1,2,3-Trichloropropane
Concen: 44.099 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN077304.D
Acq: 11 Apr 2023 17:40



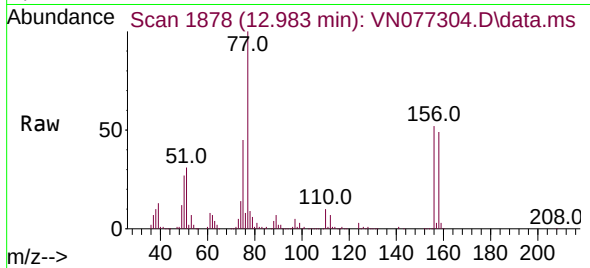
Tgt Ion: 75 Resp: 378106
Ion Ratio Lower Upper
75 100
77 214.5 88.3 264.9





#77
Bromobenzene
Concen: 51.849 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN077304.D
Acq: 11 Apr 2023 17:40

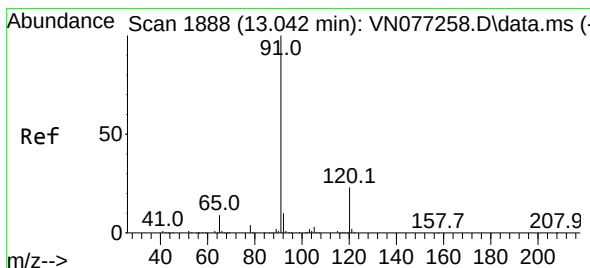
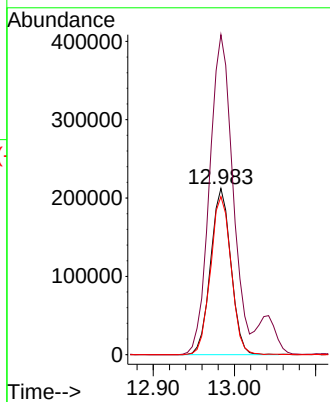
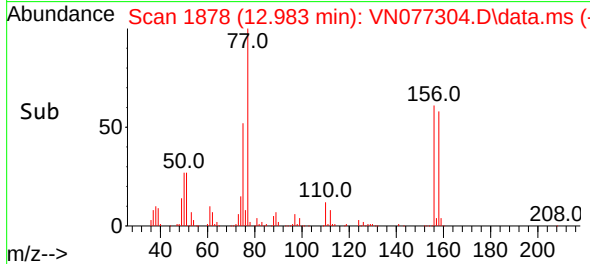
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



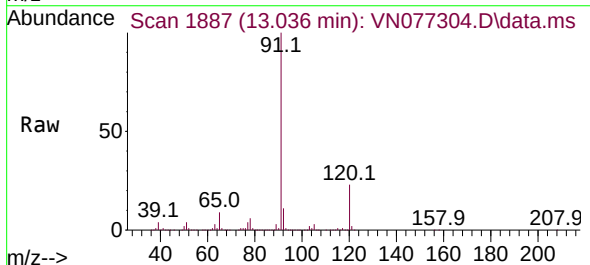
Tgt Ion:156 Resp: 368700
Ion Ratio Lower Upper
156 100
77 219.9 115.3 345.8
158 96.3 49.3 147.8

Manual Integrations
APPROVED

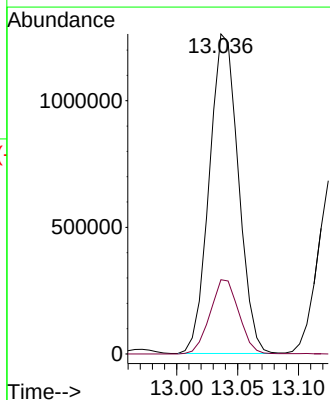
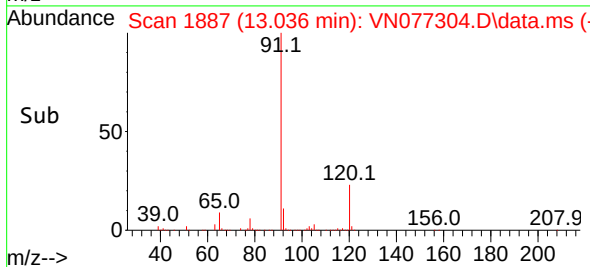
Reviewed By :John Carlone 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023

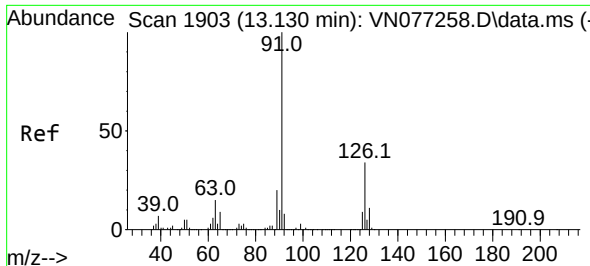


#78
n-propylbenzene
Concen: 54.214 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. -0.006 min
Lab File: VN077304.D
Acq: 11 Apr 2023 17:40



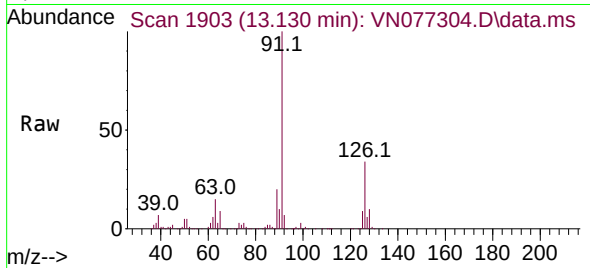
Tgt Ion: 91 Resp: 2094949
Ion Ratio Lower Upper
91 100
120 23.0 11.5 34.5





#79
2-Chlorotoluene
Concen: 52.361 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VN077304.D
Acq: 11 Apr 2023 17:40

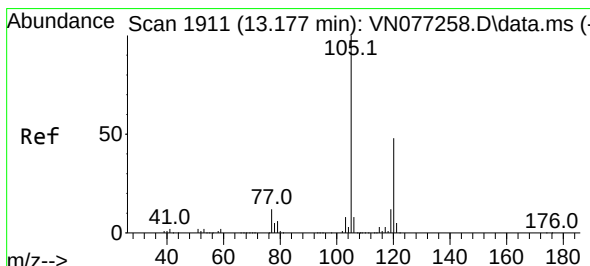
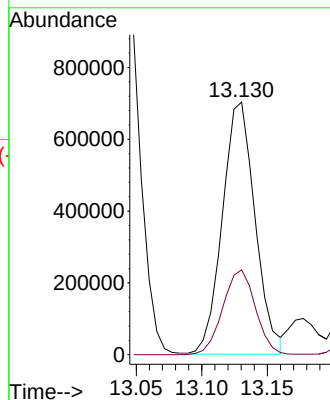
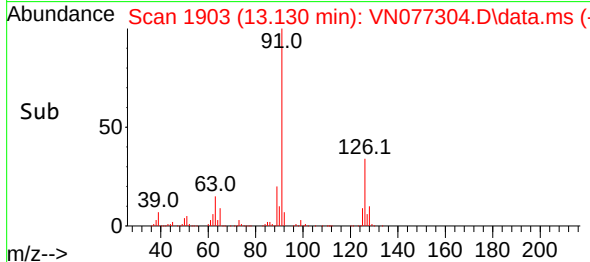
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



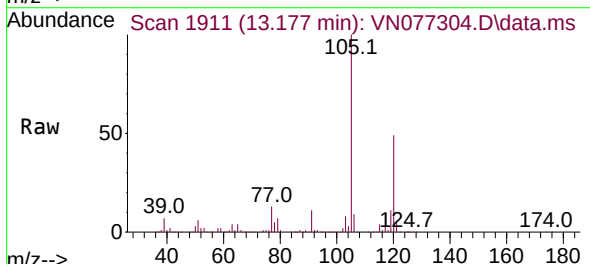
Tgt Ion: 91 Resp: 121833
Ion Ratio Lower Upper
91 100
126 33.6 16.8 50.4

Manual Integrations
APPROVED

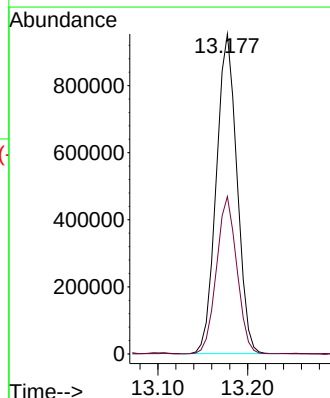
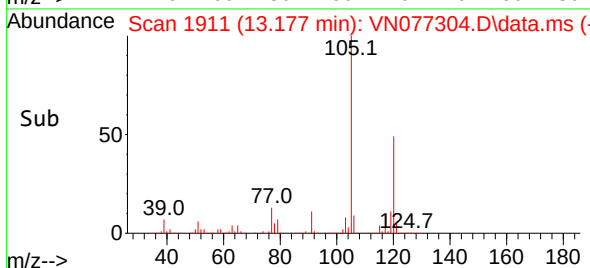
Reviewed By :John Carlone 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023

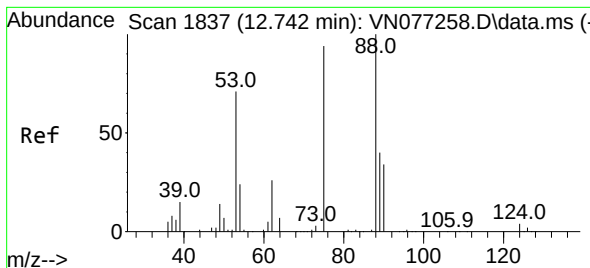


#80
1,3,5-Trimethylbenzene
Concen: 54.591 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN077304.D
Acq: 11 Apr 2023 17:40



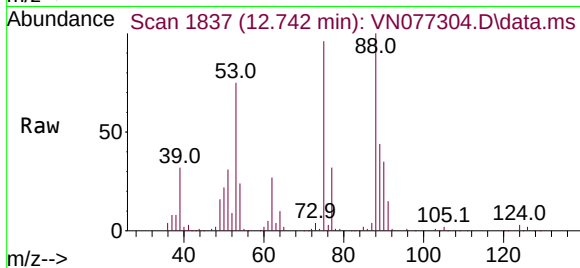
Tgt Ion:105 Resp: 1524895
Ion Ratio Lower Upper
105 100
120 48.5 24.3 73.0





#81
trans-1,4-Dichloro-2-butene
Concen: 47.074 ug/l
RT: 12.742 min Scan# 1837
Delta R.T. 0.000 min
Lab File: VN077304.D
Acq: 11 Apr 2023 17:40

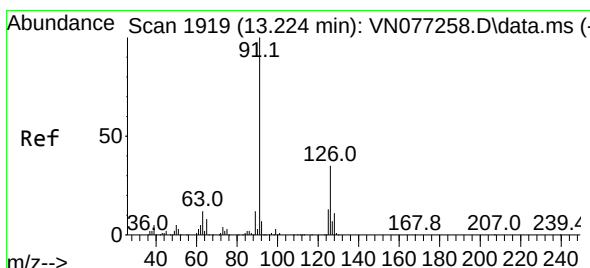
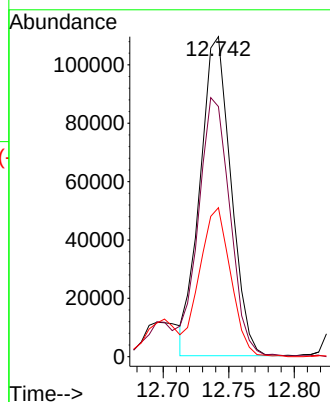
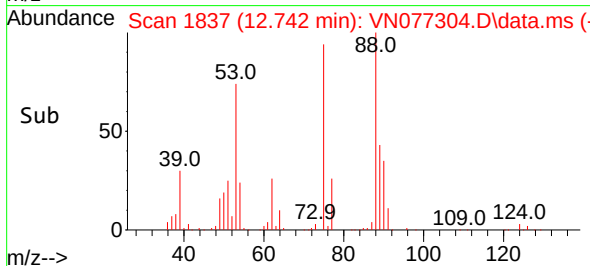
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



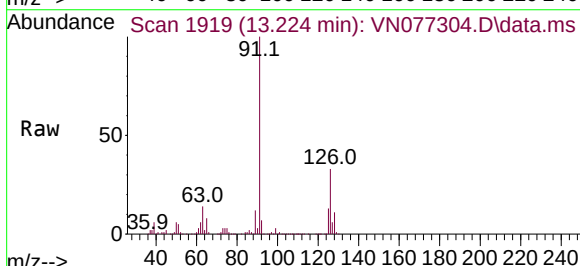
Tgt Ion: 75 Resp: 179358
Ion Ratio Lower Upper
75 100
53 84.3 72.8 109.2
89 47.3 37.4 56.2

Manual Integrations
APPROVED

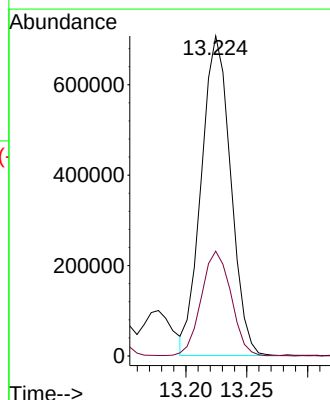
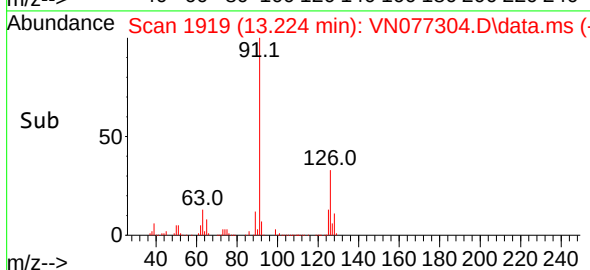
Reviewed By :John Carlone 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023

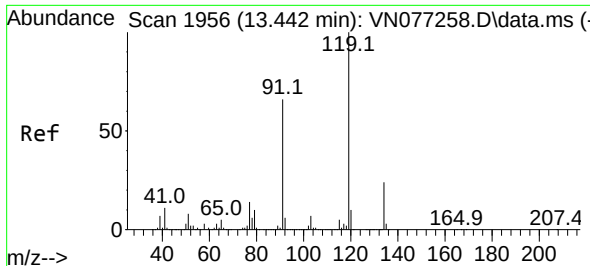


#82
4-Chlorotoluene
Concen: 54.079 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN077304.D
Acq: 11 Apr 2023 17:40



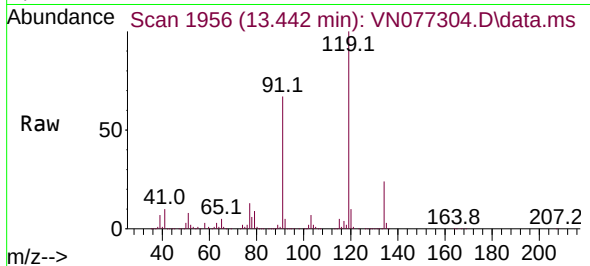
Tgt Ion: 91 Resp: 1186370
Ion Ratio Lower Upper
91 100
126 33.3 16.9 50.7





#83
tert-Butylbenzene
Concen: 51.817 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN077304.D
Acq: 11 Apr 2023 17:40

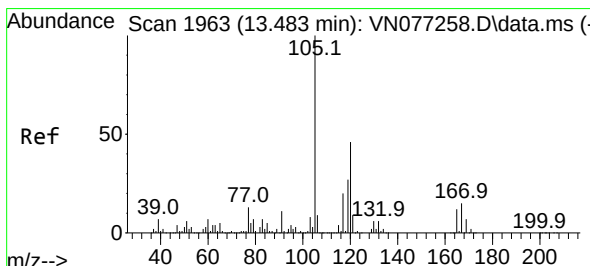
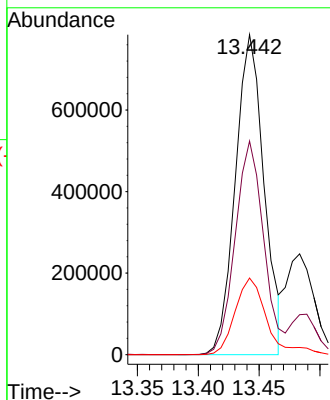
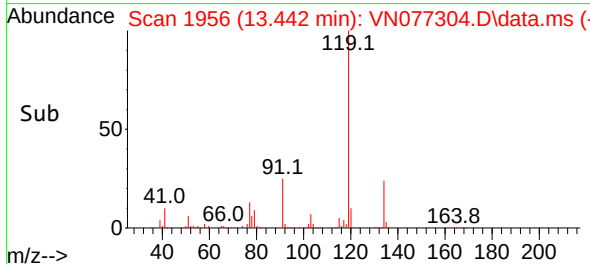
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



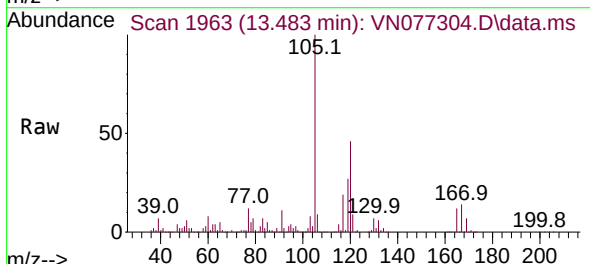
Tgt Ion:119 Resp: 128834
Ion Ratio Lower Upper
119 100
91 66.8 33.5 100.4
134 26.5 13.3 39.9

Manual Integrations
APPROVED

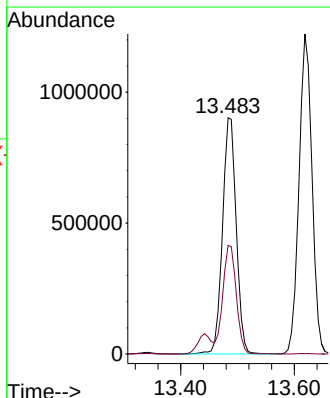
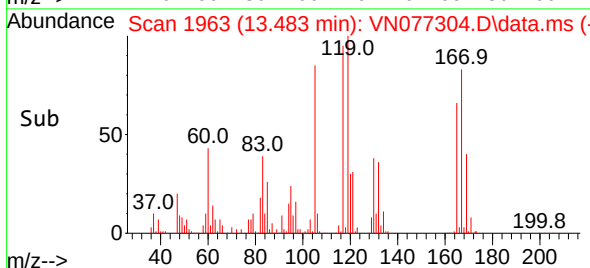
Reviewed By :John Carlone 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023

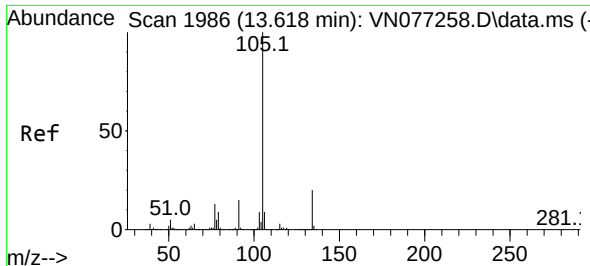


#84
1,2,4-Trimethylbenzene
Concen: 54.975 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VN077304.D
Acq: 11 Apr 2023 17:40



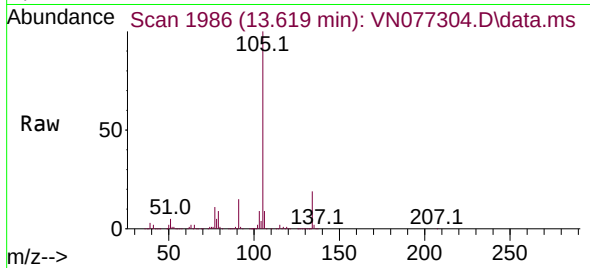
Tgt Ion:105 Resp: 1517102
Ion Ratio Lower Upper
105 100
120 45.0 22.5 67.5





#85
 sec-Butylbenzene
 Concen: 55.939 ug/l
 RT: 13.619 min Scan# 1986
 Delta R.T. 0.001 min
 Lab File: VN077304.D
 Acq: 11 Apr 2023 17:40

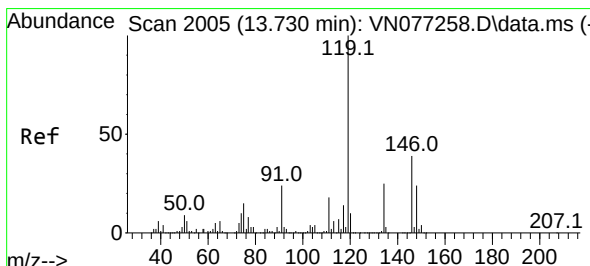
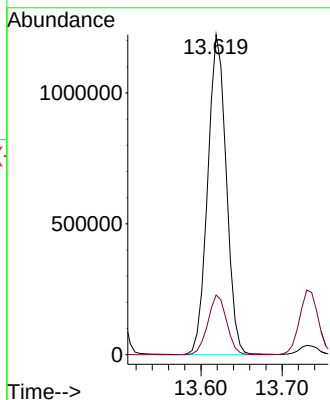
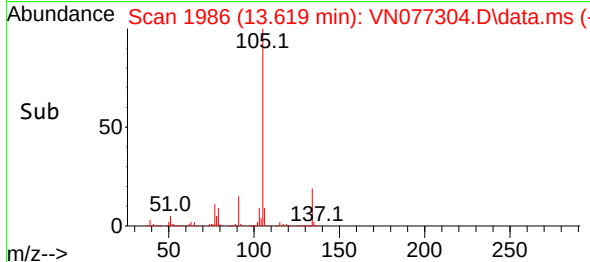
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



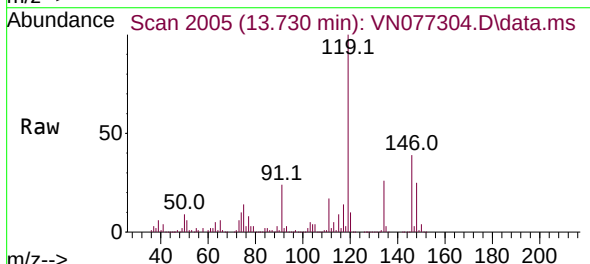
Tgt Ion:105 Resp: 1938329
 Ion Ratio Lower Upper
 105 100
 134 18.9 9.8 29.4

Manual Integrations
 APPROVED

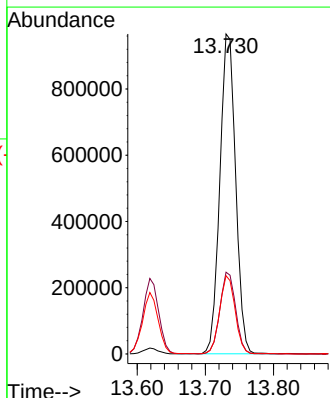
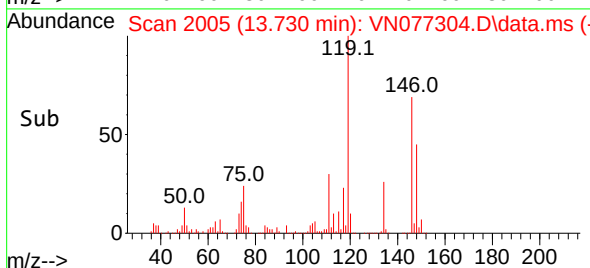
Reviewed By :John Carlone 04/12/2023
 Supervised By :Mahesh Dadoda 04/12/2023

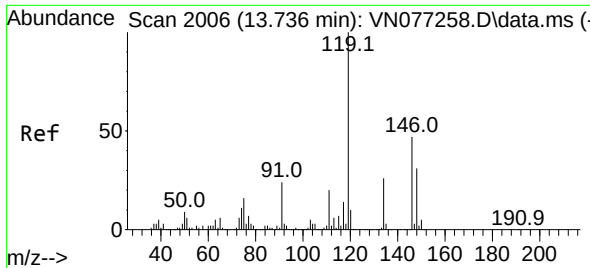


#86
 p-Isopropyltoluene
 Concen: 57.191 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. 0.000 min
 Lab File: VN077304.D
 Acq: 11 Apr 2023 17:40



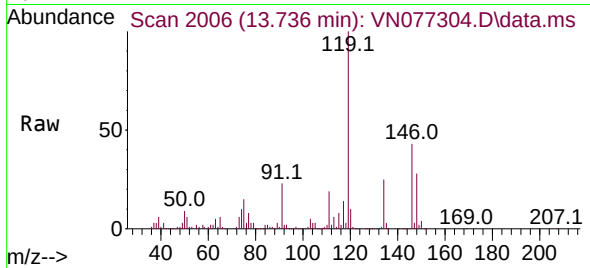
Tgt Ion:119 Resp: 1557442
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.9 38.6
 91 23.9 12.3 36.8





#87
1,3-Dichlorobenzene
Concen: 53.770 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. 0.000 min
Lab File: VN077304.D
Acq: 11 Apr 2023 17:40

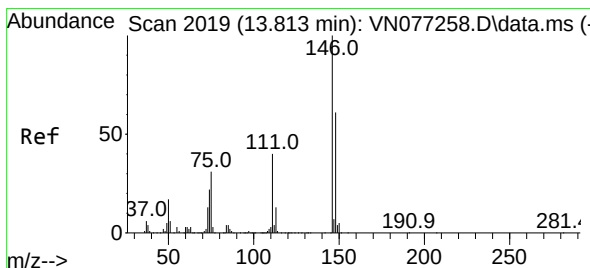
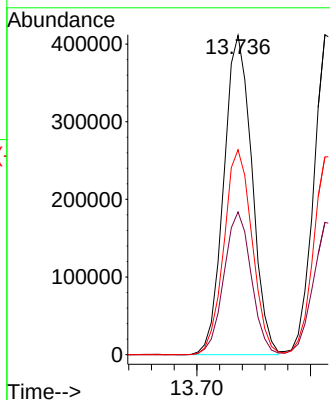
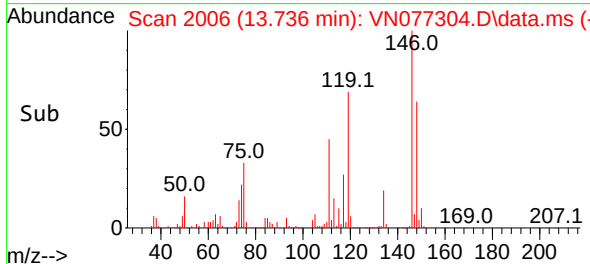
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



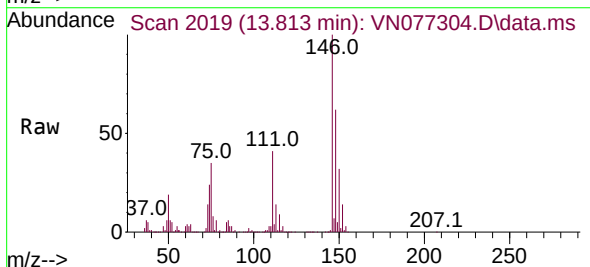
Tgt Ion:146 Resp: 707392
Ion Ratio Lower Upper
146 100
111 43.7 21.8 65.4
148 64.4 31.7 95.1

Manual Integrations
APPROVED

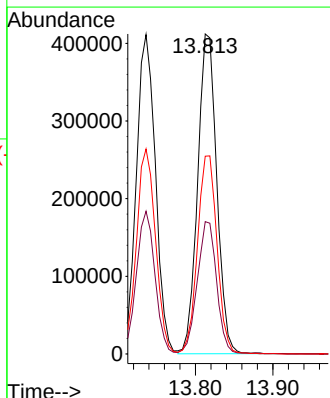
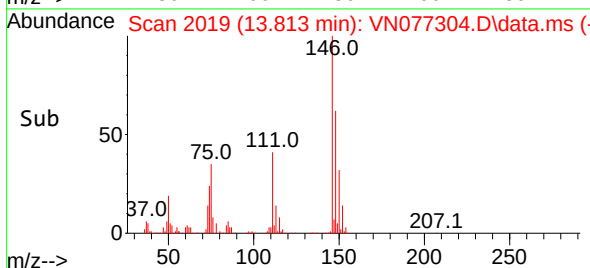
Reviewed By :John Carlone 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023

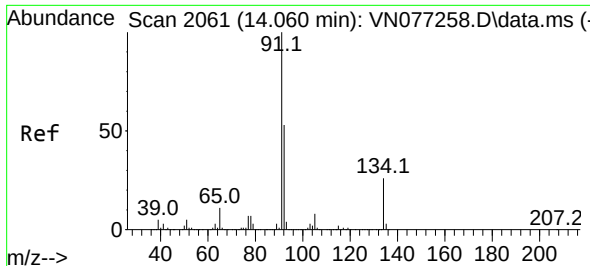


#88
1,4-Dichlorobenzene
Concen: 54.408 ug/l
RT: 13.813 min Scan# 2019
Delta R.T. -0.000 min
Lab File: VN077304.D
Acq: 11 Apr 2023 17:40



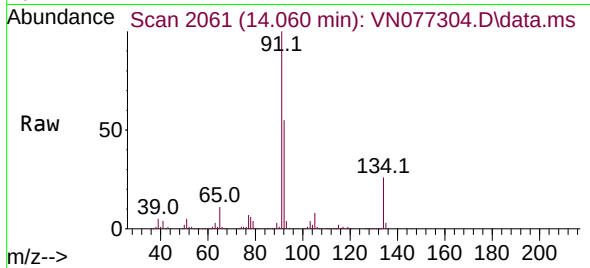
Tgt Ion:146 Resp: 705875
Ion Ratio Lower Upper
146 100
111 41.7 20.4 61.2
148 63.5 31.6 95.0





#89
n-Butylbenzene
Concen: 59.984 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VN077304.D
Acq: 11 Apr 2023 17:40

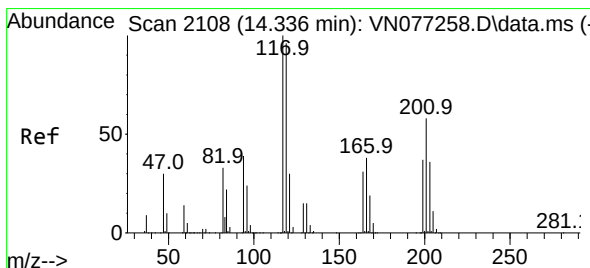
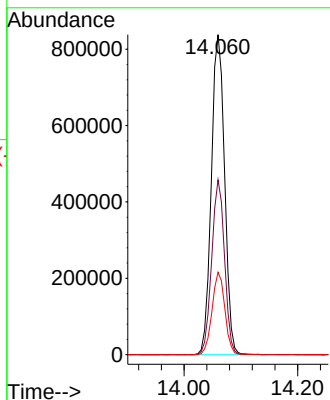
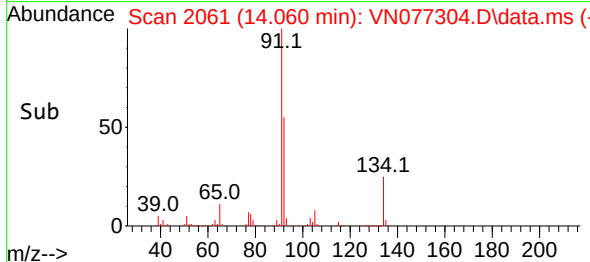
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



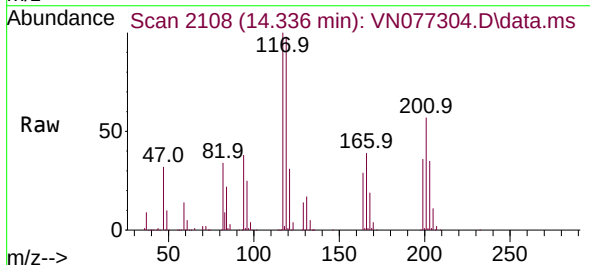
Tgt Ion: 91 Resp: 1356078
Ion Ratio Lower Upper
91 100
92 53.0 26.7 80.0
134 24.9 12.8 38.3

Manual Integrations
APPROVED

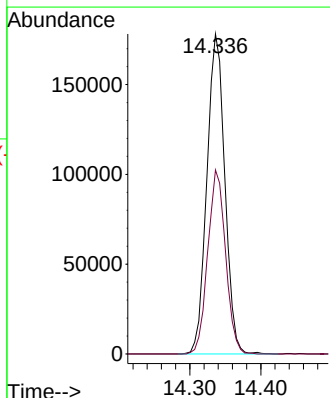
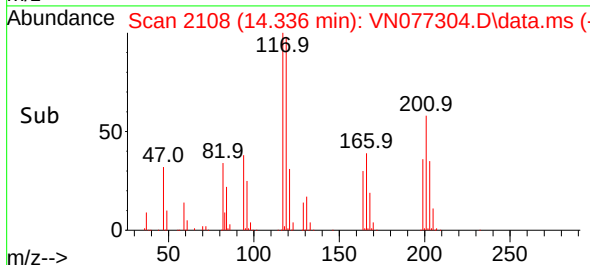
Reviewed By :John Carlone 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023

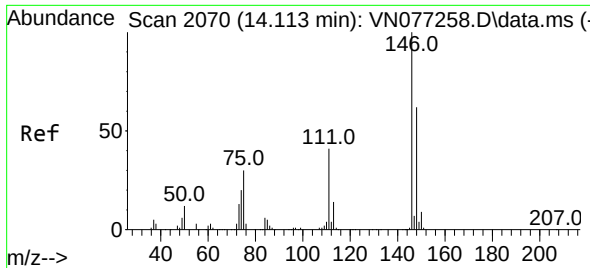


#90
Hexachloroethane
Concen: 52.599 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VN077304.D
Acq: 11 Apr 2023 17:40



Tgt Ion:117 Resp: 313187
Ion Ratio Lower Upper
117 100
201 56.9 29.8 89.5





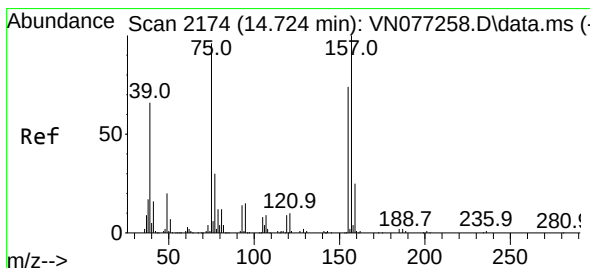
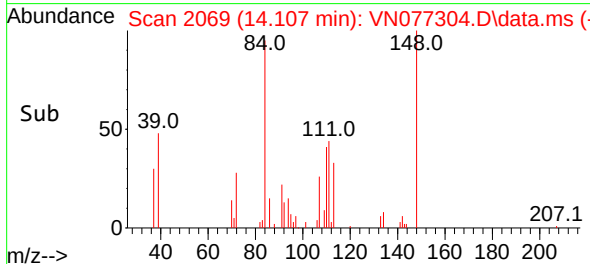
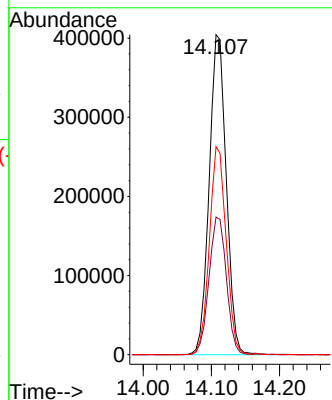
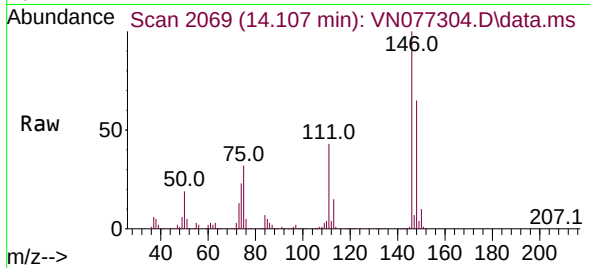
#91
1,2-Dichlorobenzene
Concen: 53.603 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. -0.006 min
Lab File: VN077304.D
Acq: 11 Apr 2023 17:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 705470
Ion Ratio Lower Upper
146 100
111 43.8 21.9 65.5
148 64.0 31.9 95.5

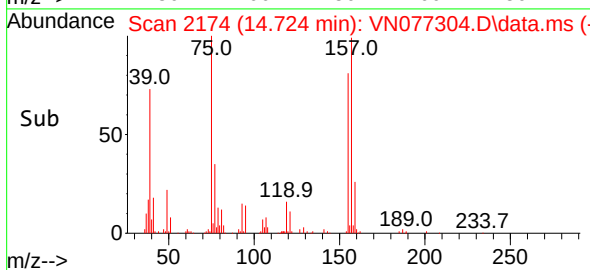
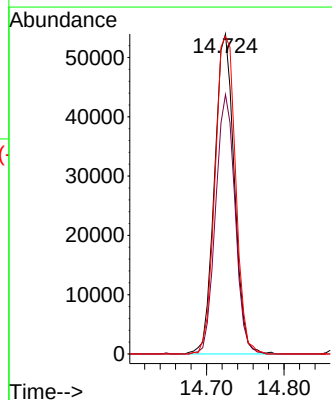
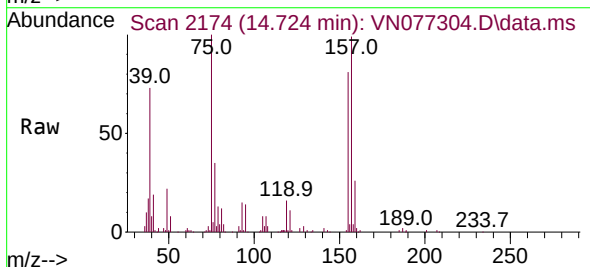
Manual Integrations
APPROVED

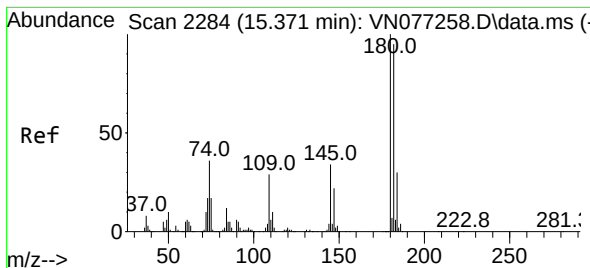
Reviewed By :John Carlone 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 46.133 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN077304.D
Acq: 11 Apr 2023 17:40

Tgt Ion: 75 Resp: 95957
Ion Ratio Lower Upper
75 100
155 79.7 41.0 123.2
157 103.4 54.0 162.0





#93

1,2,4-Trichlorobenzene

Concen: 62.103 ug/l

RT: 15.371 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN077304.D

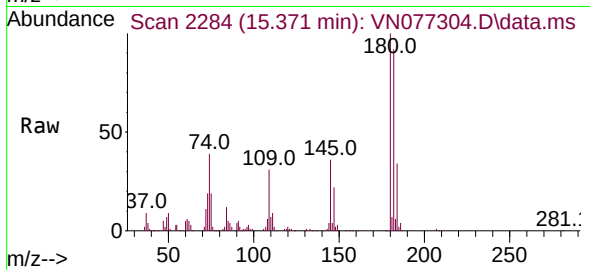
Acq: 11 Apr 2023 17:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion:180 Resp: 29505

Ion Ratio Lower Upper

180 100

182 96.6 46.7 140.0

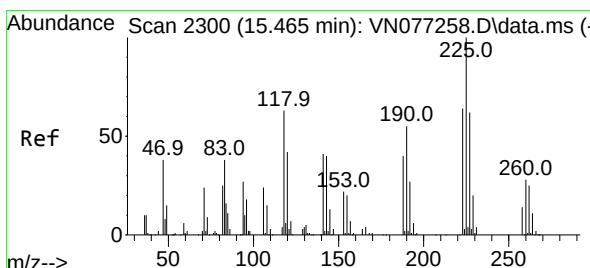
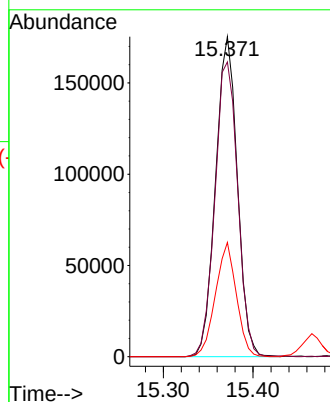
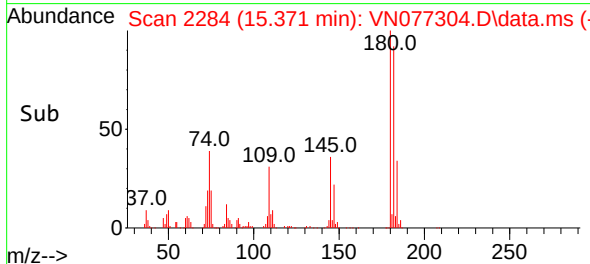
145 34.3 16.6 49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/12/2023

Supervised By :Mahesh Dadoda 04/12/2023



#94

Hexachlorobutadiene

Concen: 52.393 ug/l

RT: 15.465 min Scan# 2300

Delta R.T. 0.000 min

Lab File: VN077304.D

Acq: 11 Apr 2023 17:40

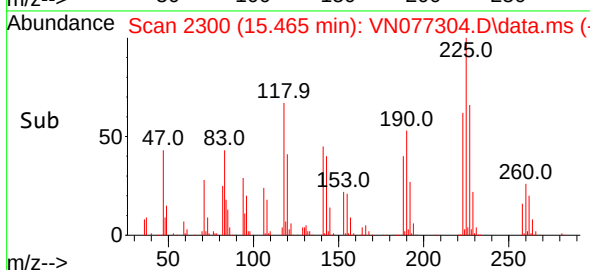
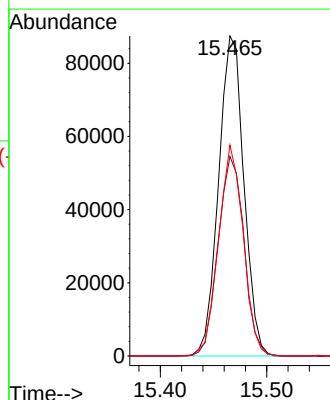
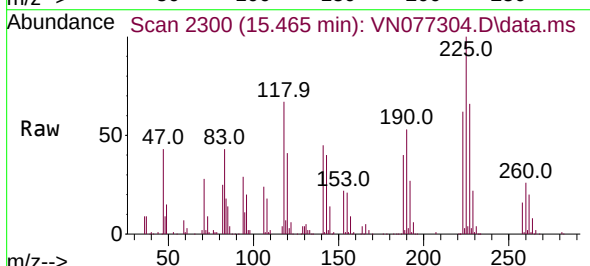
Tgt Ion:225 Resp: 144088

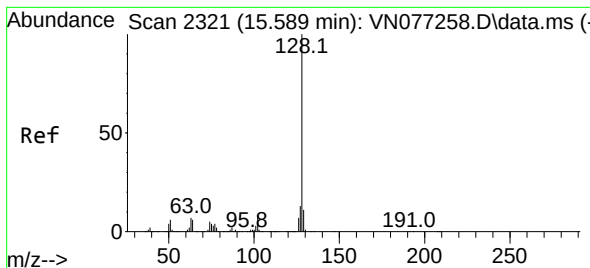
Ion Ratio Lower Upper

225 100

223 63.7 31.7 95.1

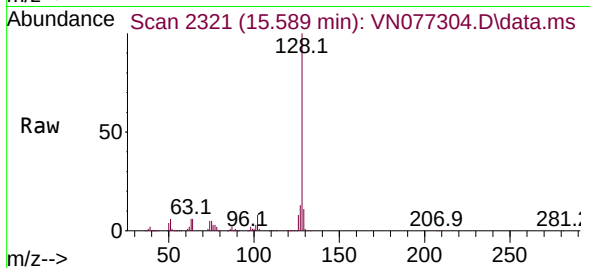
227 64.2 31.2 93.6





#95
Naphthalene
Concen: 60.611 ug/l
RT: 15.589 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN077304.D
Acq: 11 Apr 2023 17:40

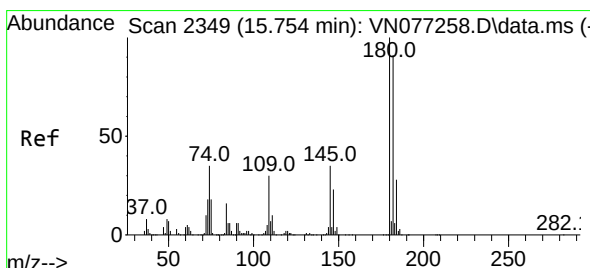
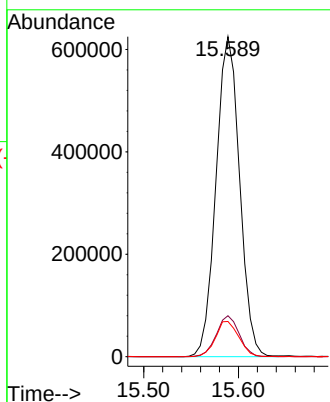
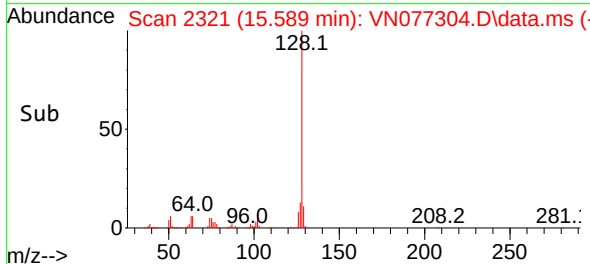
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



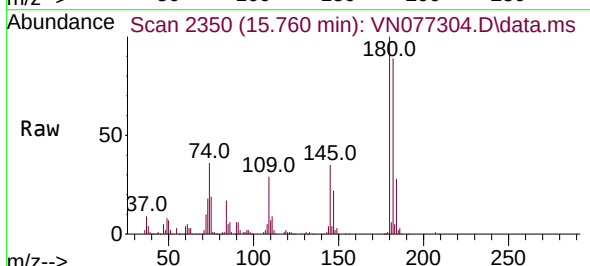
Tgt Ion:128 Resp: 108174
Ion Ratio Lower Upper
128 100
127 12.4 10.2 15.4
129 11.0 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023



#96
1,2,3-Trichlorobenzene
Concen: 61.059 ug/l
RT: 15.760 min Scan# 2350
Delta R.T. 0.006 min
Lab File: VN077304.D
Acq: 11 Apr 2023 17:40



Tgt Ion:180 Resp: 277472
Ion Ratio Lower Upper
180 100
182 93.2 46.9 140.8
145 36.4 17.6 52.8

