

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022223\
 Data File : VN076763.D
 Acq On : 22 Feb 2023 11:33
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050

Quant Time: Feb 22 23:48:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021323W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 14 01:44:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.225	168	285309	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	489930	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	479155	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	260348	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	213094	54.089	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 108.180%	
35) Dibromofluoromethane	8.172	113	165940	51.719	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.440%	
50) Toluene-d8	10.566	98	667102	55.675	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 111.340%	
62) 4-Bromofluorobenzene	12.848	95	241589	60.876	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 121.760%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.137	85	152327	50.281	ug/l	93
3) Chloromethane	2.378	50	179534	45.423	ug/l	97
4) Vinyl Chloride	2.525	62	186124	47.847	ug/l	98
5) Bromomethane	2.949	94	123937	52.582	ug/l	99
6) Chloroethane	3.125	64	131814	53.618	ug/l	97
7) Trichlorofluoromethane	3.507	101	237579	44.887	ug/l	93
8) Diethyl Ether	3.972	74	105193	51.578	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.384	101	149536	48.083	ug/l	98
10) Methyl Iodide	4.595	142	202684	52.774	ug/l	97
11) Tert butyl alcohol	5.531	59	135741	261.027	ug/l #	87
12) 1,1-Dichloroethene	4.348	96	135888	46.143	ug/l	85
13) Acrolein	4.190	56	184209	235.947	ug/l	99
14) Allyl chloride	5.037	41	253771	49.733	ug/l	98
15) Acrylonitrile	5.731	53	490978	266.035	ug/l	99
16) Acetone	4.437	43	408709	232.245	ug/l	96
17) Carbon Disulfide	4.725	76	345679	44.458	ug/l	99
18) Methyl Acetate	5.037	43	308788	53.755	ug/l	98
19) Methyl tert-butyl Ether	5.807	73	550211	55.417	ug/l	99
20) Methylene Chloride	5.284	84	179465	48.659	ug/l	98
21) trans-1,2-Dichloroethene	5.795	96	155943	47.042	ug/l	95
22) Diisopropyl ether	6.678	45	678577	56.699	ug/l	98
23) Vinyl Acetate	6.613	43	2215501	312.874	ug/l	99
24) 1,1-Dichloroethane	6.584	63	332085	50.629	ug/l	96
25) 2-Butanone	7.484	43	671673	258.748	ug/l	96
26) 2,2-Dichloropropane	7.495	77	257911	54.514	ug/l	96
27) cis-1,2-Dichloroethene	7.495	96	198745	50.547	ug/l	96
28) Bromochloromethane	7.819	49	169883	54.418	ug/l	90
29) Tetrahydrofuran	7.842	42	459086	270.686	ug/l	100
30) Chloroform	7.972	83	348916	53.241	ug/l	96
31) Cyclohexane	8.260	56	303105	49.046	ug/l	88
32) 1,1,1-Trichloroethane	8.172	97	285610	51.833	ug/l	97
36) 1,1-Dichloropropene	8.378	75	248162	53.533	ug/l	98
37) Ethyl Acetate	7.566	43	290344	59.529	ug/l #	97
38) Carbon Tetrachloride	8.366	117	246835	52.783	ug/l	97
39) Methylcyclohexane	9.601	83	296261	56.223	ug/l	95
40) Benzene	8.607	78	778629	54.695	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.784	41	166073	58.776	ug/l	99
42) 1,2-Dichloroethane	8.672	62	270185	54.418	ug/l	99
43) Isopropyl Acetate	8.689	43	464660	58.547	ug/l	99
44) Trichloroethene	9.354	130	177624	52.800	ug/l	98
45) 1,2-Dichloropropane	9.625	63	206614	54.827	ug/l	92
46) Dibromomethane	9.713	93	136968	56.851	ug/l	96
47) Bromodichloromethane	9.889	83	273702	56.664	ug/l #	96
48) Methyl methacrylate	9.683	41	221334	58.770	ug/l	97
49) 1,4-Dioxane	9.695	88	77156	1184.341	ug/l	96
51) 4-Methyl-2-Pentanone	10.448	43	1485365	294.152	ug/l	99
52) Toluene	10.630	92	500982	58.289	ug/l	99
53) t-1,3-Dichloropropene	10.836	75	289714	62.142	ug/l	98
54) cis-1,3-Dichloropropene	10.313	75	317191	58.983	ug/l	95
55) 1,1,2-Trichloroethane	11.019	97	199711	57.143	ug/l	95
56) Ethyl methacrylate	10.872	69	313315	63.690	ug/l	97
57) 1,3-Dichloropropane	11.166	76	347477	57.870	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.160	63	652326	289.542	ug/l	97
59) 2-Hexanone	11.195	43	1071772	294.365	ug/l	99
60) Dibromochloromethane	11.360	129	217905	59.159	ug/l	98
61) 1,2-Dibromoethane	11.472	107	197936	56.582	ug/l	99
64) Tetrachloroethene	11.107	164	150564	49.862	ug/l	97
65) Chlorobenzene	11.895	112	537880	52.969	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.960	131	198721	53.877	ug/l	98
67) Ethyl Benzene	11.966	91	975766	56.402	ug/l	99
68) m/p-Xylenes	12.071	106	770656	115.568	ug/l	98
69) o-Xylene	12.401	106	374771	57.625	ug/l	100
70) Styrene	12.413	104	632142	60.108	ug/l	100
71) Bromoform	12.583	173	155150	57.346	ug/l #	100
73) Isopropylbenzene	12.695	105	989410	51.849	ug/l	99
74) N-amyl acetate	12.495	43	429682	49.955	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.942	83	314618	45.548	ug/l	98
76) 1,2,3-Trichloropropane	12.995	75	371153	70.515	ug/l	61
77) Bromobenzene	12.983	156	227411	47.765	ug/l	98
78) n-propylbenzene	13.036	91	1191361	53.167	ug/l	99
79) 2-Chlorotoluene	13.130	91	687018	50.074	ug/l	100
80) 1,3,5-Trimethylbenzene	13.177	105	835069	52.951	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.742	75	92111	50.970	ug/l	90
82) 4-Chlorotoluene	13.130	91	687018	50.074	ug/l	100
83) tert-Butylbenzene	13.442	119	742212	52.024	ug/l	98
84) 1,2,4-Trimethylbenzene	13.483	105	848037	53.956	ug/l	99
85) sec-Butylbenzene	13.618	105	1097131	55.081	ug/l	99
86) p-Isopropyltoluene	13.730	119	899519	56.554	ug/l	99
87) 1,3-Dichlorobenzene	13.736	146	457474	50.831	ug/l	99
88) 1,4-Dichlorobenzene	13.813	146	459146	51.231	ug/l	98
89) n-Butylbenzene	14.060	91	785091	56.752	ug/l	99
90) Hexachloroethane	14.336	117	163621	49.131	ug/l	96
91) 1,2-Dichlorobenzene	14.107	146	460033	49.860	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.718	75	55563	41.520	ug/l	99
93) 1,2,4-Trichlorobenzene	15.395	180	243885	52.991	ug/l	99
94) Hexachlorobutadiene	15.507	225	110519	48.996	ug/l	98
95) Naphthalene	15.642	128	764320	54.726	ug/l	100
96) 1,2,3-Trichlorobenzene	15.842	180	239428	53.697	ug/l	100

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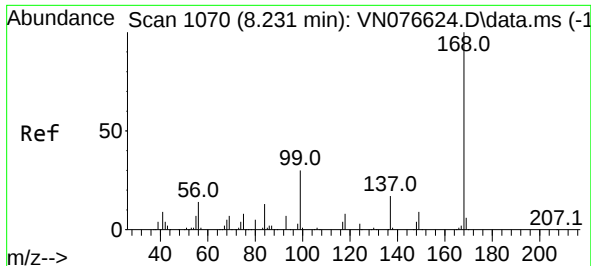
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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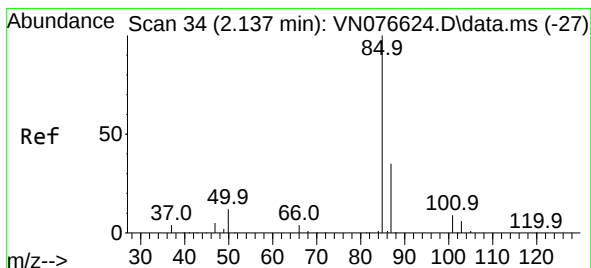
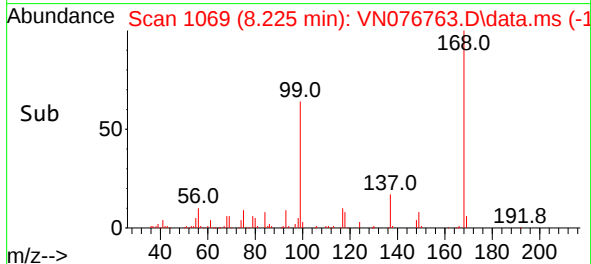
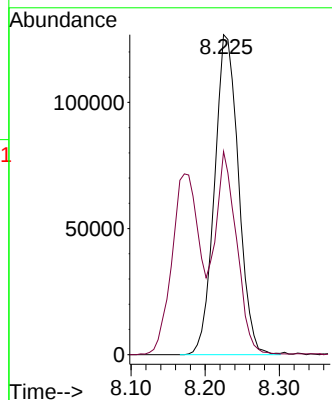
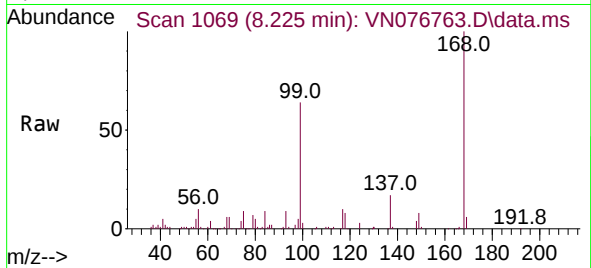




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.225 min Scan# 1069
Delta R.T. -0.006 min
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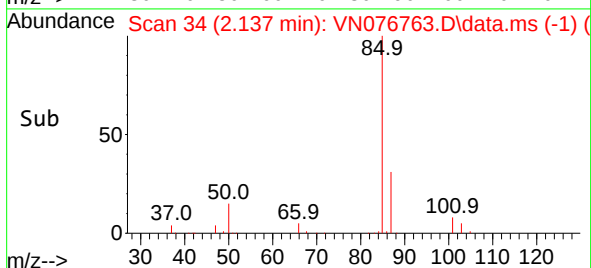
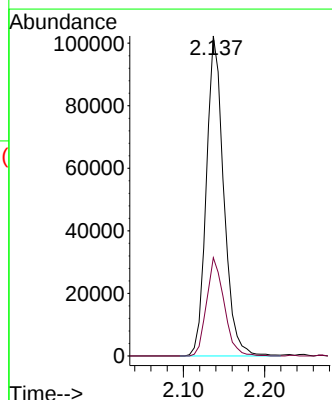
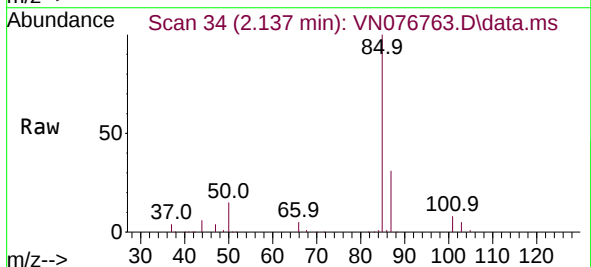
Instrument :
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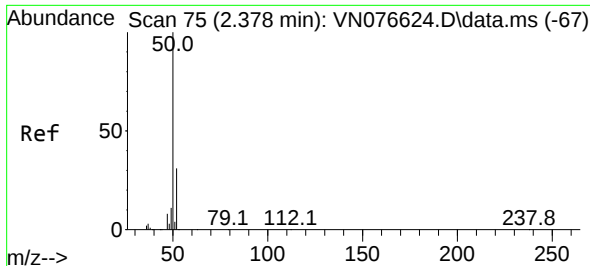
Tgt Ion:168 Resp: 285309
Ion Ratio Lower Upper
168 100
99 63.3 44.8 67.2



#2
Dichlorodifluoromethane
Concen: 50.281 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN076763.D
Acq: 22 Feb 2023 11:33

Tgt Ion: 85 Resp: 152327
Ion Ratio Lower Upper
85 100
87 30.7 17.4 52.2

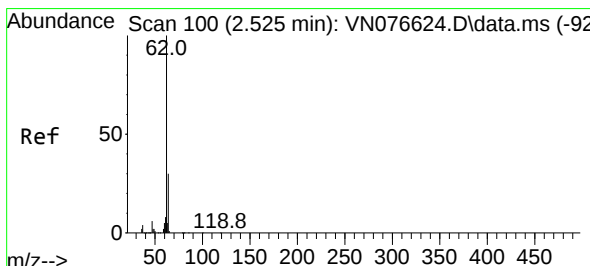
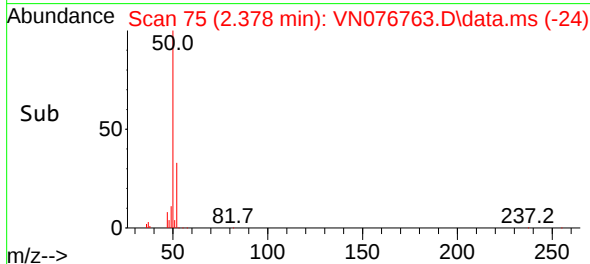
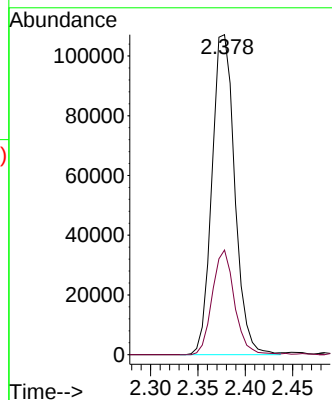
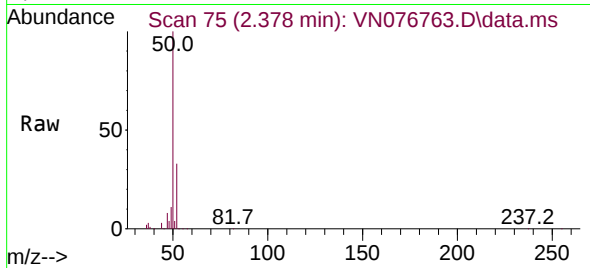




#3
Chloromethane
Concen: 45.423 ug/l
RT: 2.378 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN076763.D
Acq: 22 Feb 2023 11:33

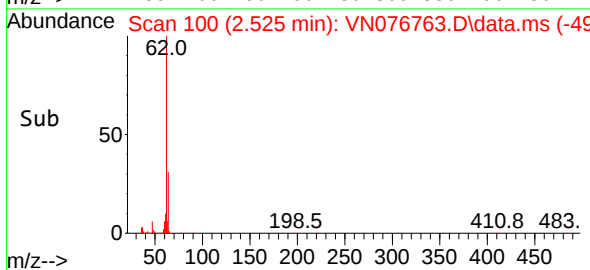
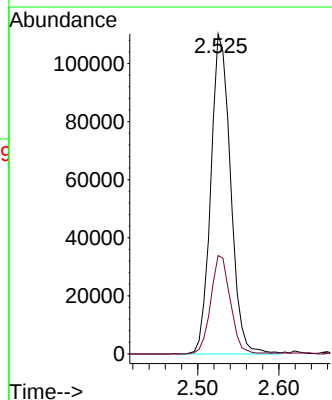
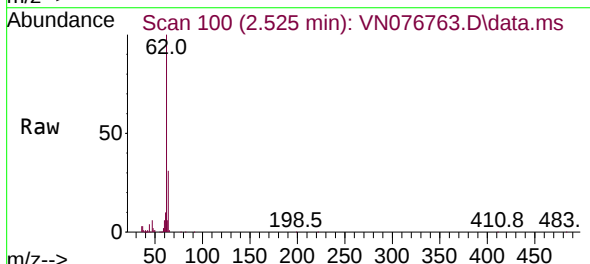
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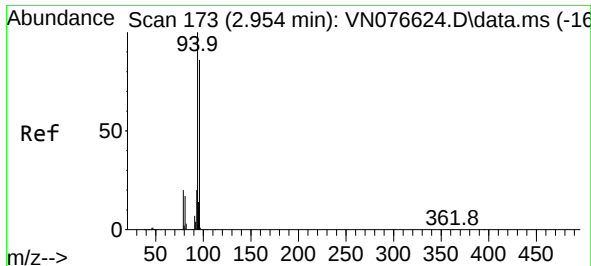
Tgt Ion: 50 Resp: 179534
Ion Ratio Lower Upper
50 100
52 32.7 24.7 37.1



#4
Vinyl Chloride
Concen: 47.847 ug/l
RT: 2.525 min Scan# 100
Delta R.T. 0.000 min
Lab File: VN076763.D
Acq: 22 Feb 2023 11:33

Tgt Ion: 62 Resp: 186124
Ion Ratio Lower Upper
62 100
64 30.8 23.9 35.9

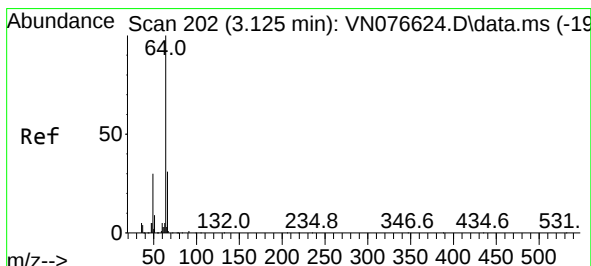
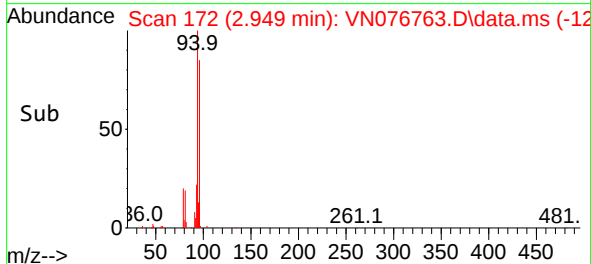
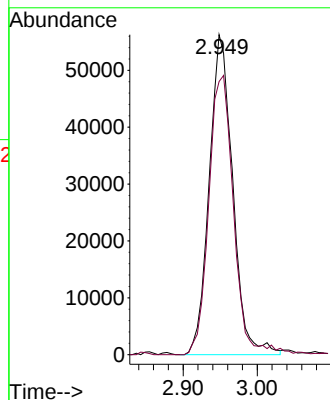
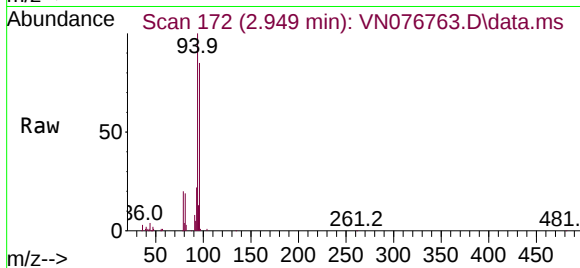




#5
Bromomethane
Concen: 52.582 ug/l
RT: 2.949 min Scan# 11
Delta R.T. -0.005 min
Lab File: VN076763.D
Acq: 22 Feb 2023 11:33

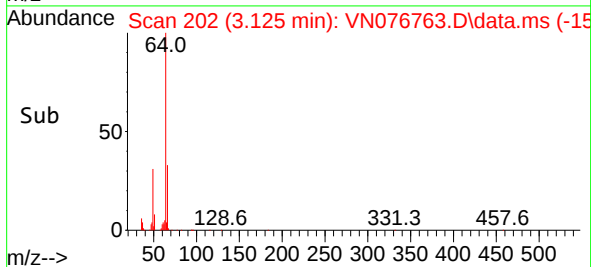
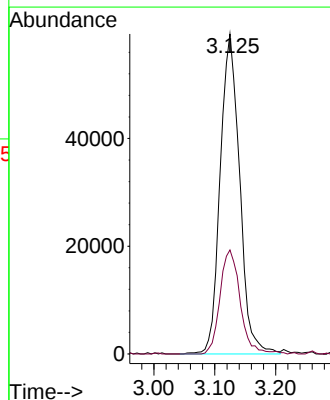
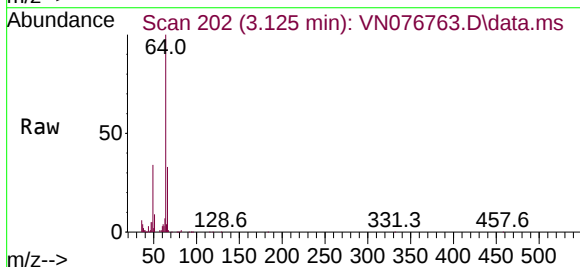
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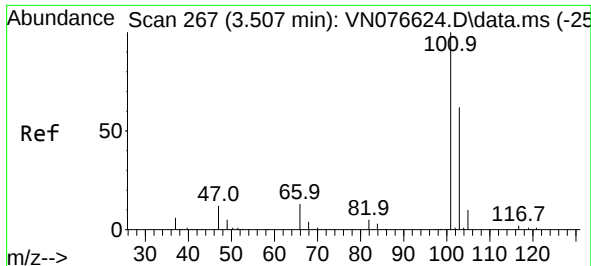
Tgt Ion: 94 Resp: 123937
Ion Ratio Lower Upper
94 100
96 85.4 69.0 103.4



#6
Chloroethane
Concen: 53.618 ug/l
RT: 3.125 min Scan# 202
Delta R.T. -0.000 min
Lab File: VN076763.D
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Tgt Ion: 64 Resp: 131814
Ion Ratio Lower Upper
64 100
66 32.5 24.6 37.0

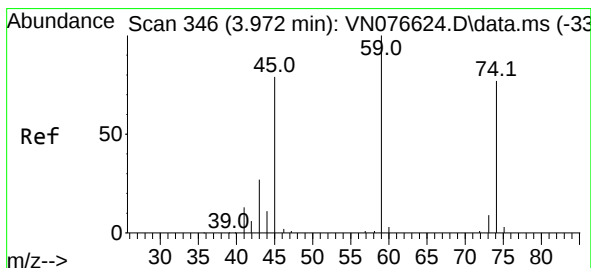
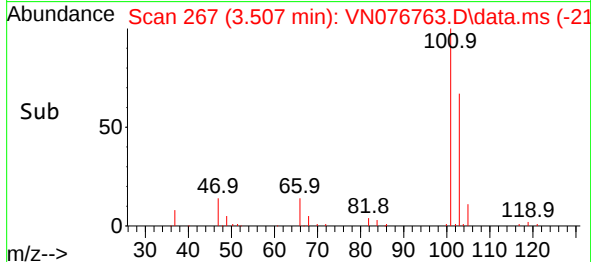
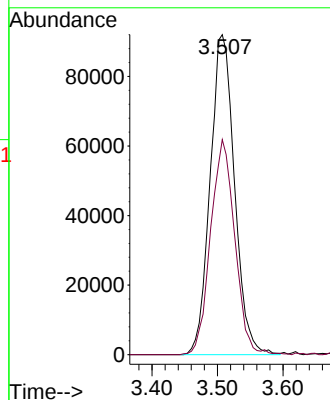
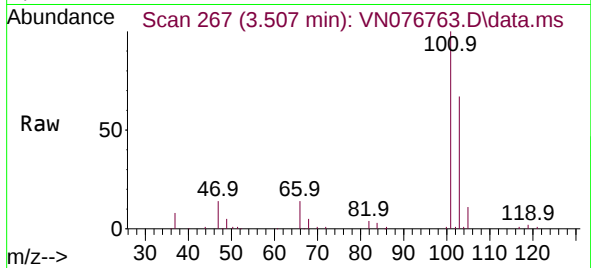




#7
 Trichlorofluoromethane
 Concen: 44.887 ug/l
 RT: 3.507 min Scan# 210
 Delta R.T. 0.000 min
 Lab File: VN076763.D
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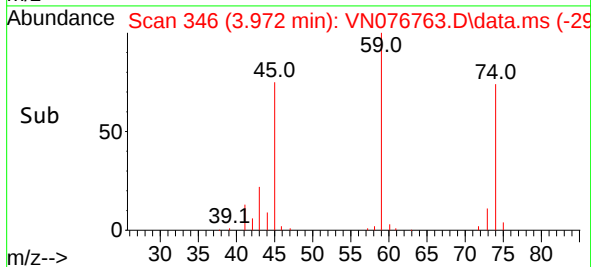
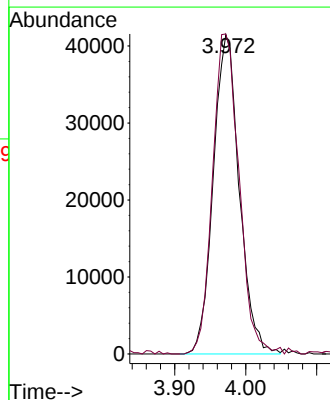
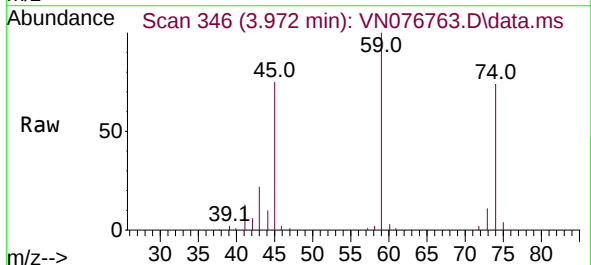
Instrument :
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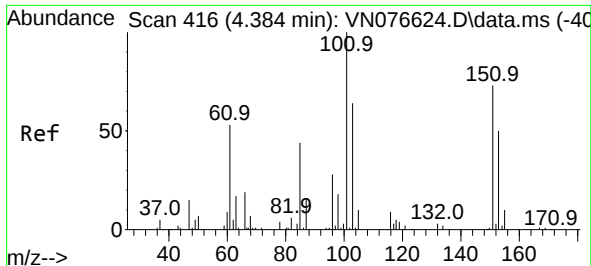
Tgt Ion:101 Resp: 237579
 Ion Ratio Lower Upper
 101 100
 103 67.2 49.4 74.2



#8
 Diethyl Ether
 Concen: 51.578 ug/l
 RT: 3.972 min Scan# 346
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 105193
 Ion Ratio Lower Upper
 74 100
 45 102.4 51.3 153.9

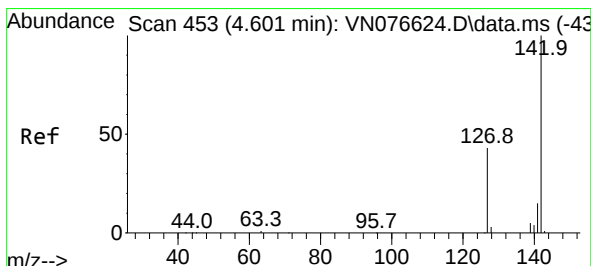
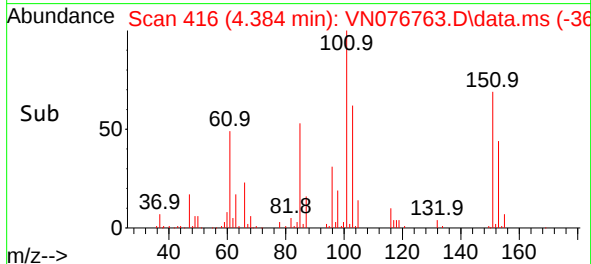
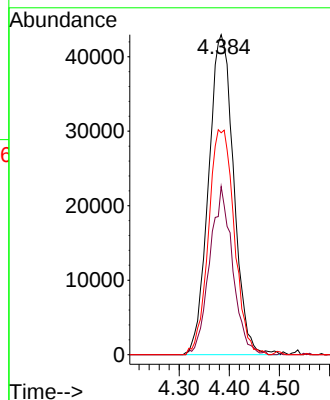
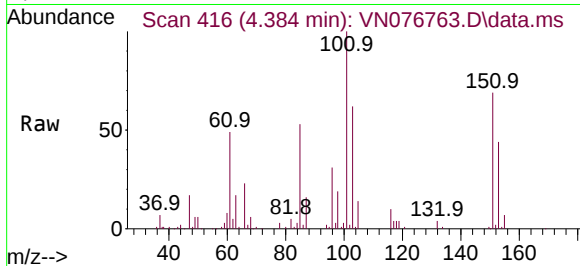




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.083 ug/l
RT: 4.384 min Scan# 416
Delta R.T. -0.000 min
Lab File: VN076763.D
Acq: 22 Feb 2023 11:33

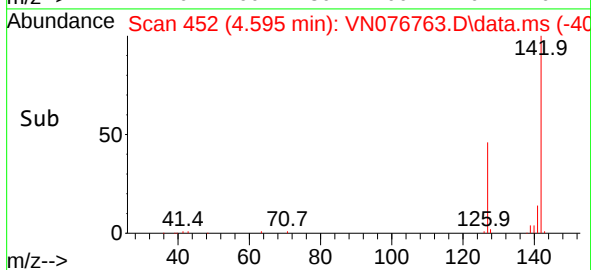
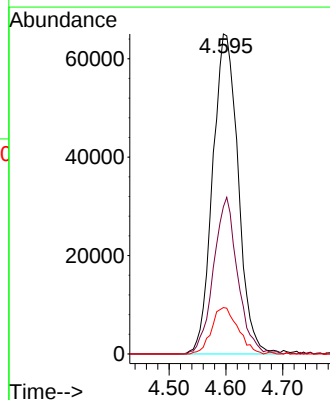
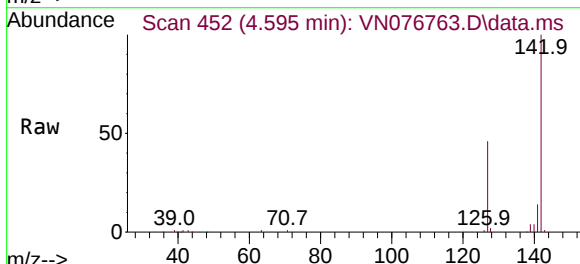
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

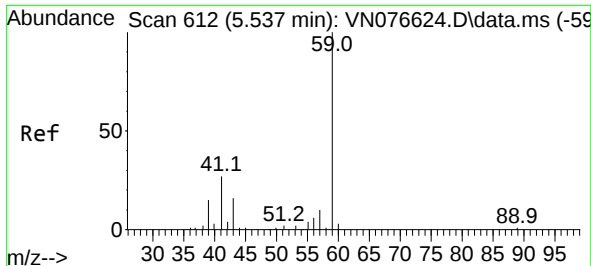
Tgt Ion:101 Resp: 149536
Ion Ratio Lower Upper
101 100
85 47.8 37.4 56.0
151 72.1 58.7 88.1



#10
Methyl Iodide
Concen: 52.774 ug/l
RT: 4.595 min Scan# 452
Delta R.T. -0.006 min
Lab File: VN076763.D
Acq: 22 Feb 2023 11:33

Tgt Ion:142 Resp: 202684
Ion Ratio Lower Upper
142 100
127 46.0 34.6 51.8
141 14.5 11.7 17.5

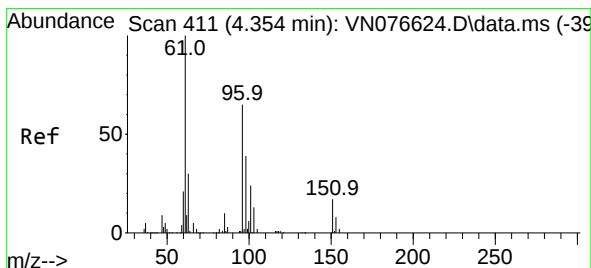
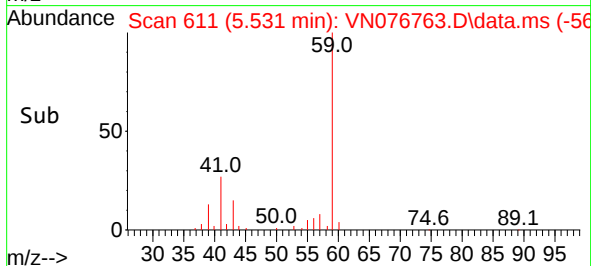
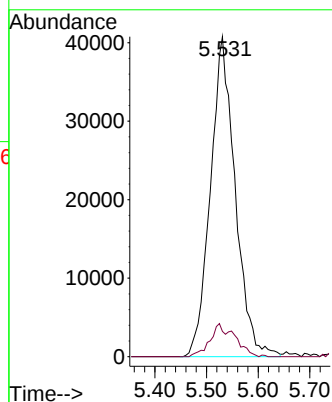
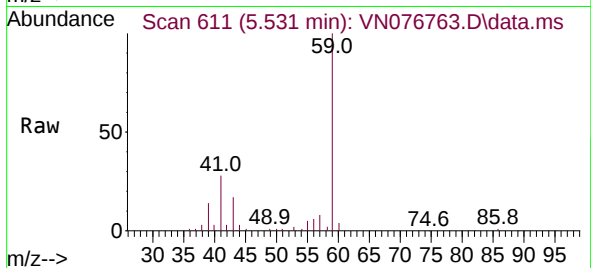




#11
Tert butyl alcohol
Concen: 261.027 ug/l
RT: 5.531 min Scan# 612
Delta R.T. -0.006 min
Lab File: VN076763.D
Acq: 22 Feb 2023 11:33

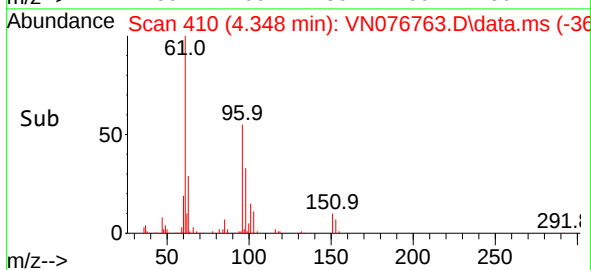
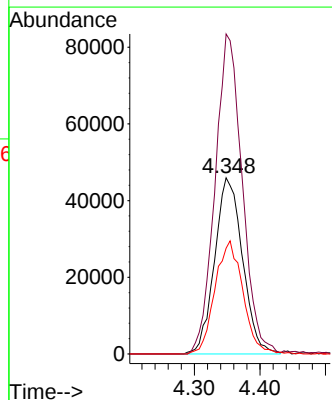
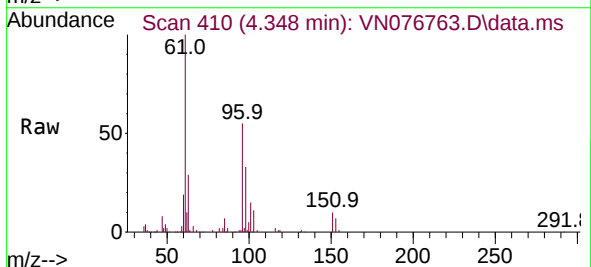
Instrument :
MSVOA_N
ClientSampleId :
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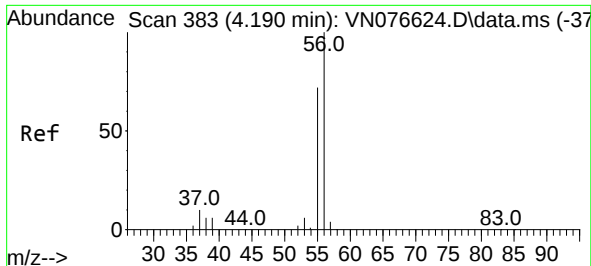
Tgt Ion: 59 Resp: 135741
Ion Ratio Lower Upper
59 100
57 6.1 8.7 13.1#



#12
1,1-Dichloroethene
Concen: 46.143 ug/l
RT: 4.348 min Scan# 410
Delta R.T. -0.006 min
Lab File: VN076763.D
Acq: 22 Feb 2023 11:33

Tgt Ion: 96 Resp: 135888
Ion Ratio Lower Upper
96 100
61 181.7 123.8 185.6
98 60.0 48.4 72.6

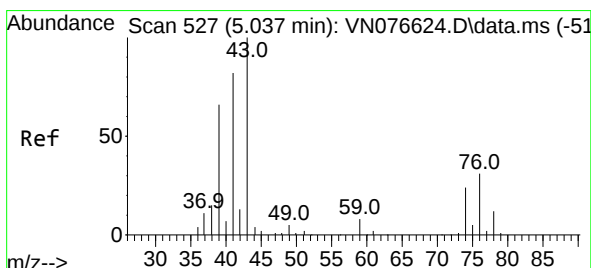
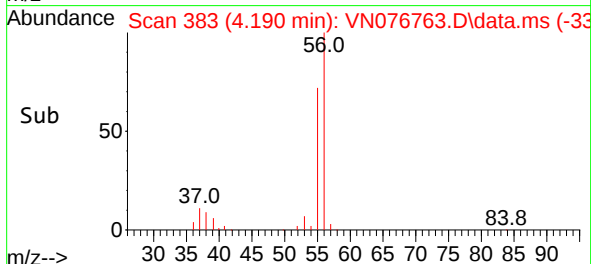
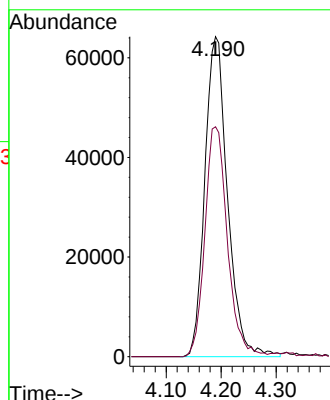
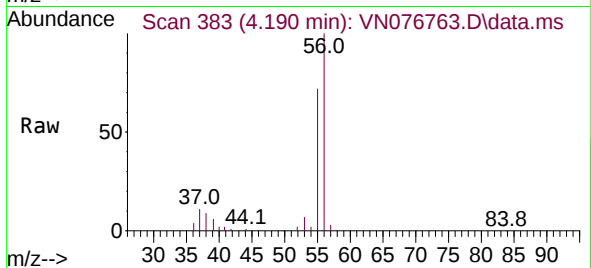




#13
Acrolein
Concen: 235.947 ug/l
RT: 4.190 min Scan# 383
Delta R.T. -0.000 min
Lab File: VN076763.D
Acq: 22 Feb 2023 11:33

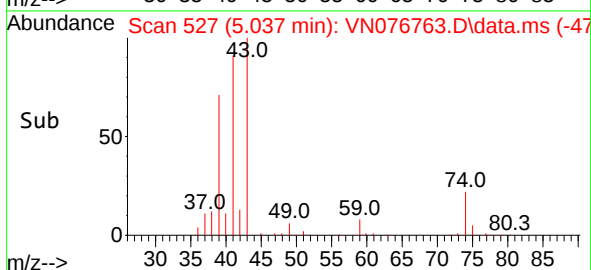
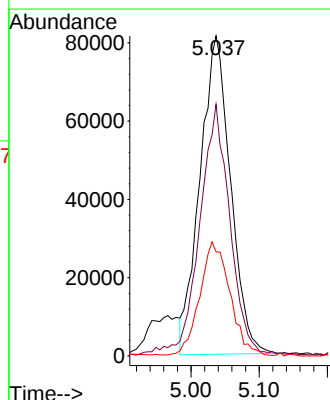
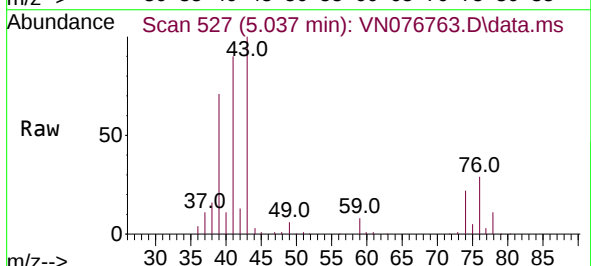
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

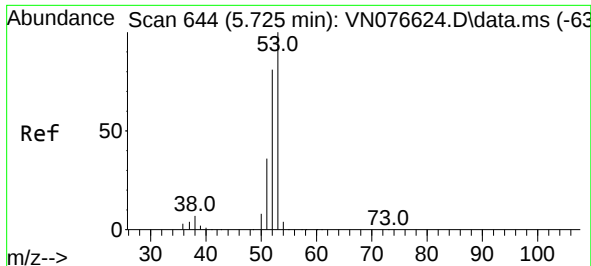
Tgt Ion: 56 Resp: 184209
Ion Ratio Lower Upper
56 100
55 71.3 56.3 84.5



#14
Allyl chloride
Concen: 49.733 ug/l
RT: 5.037 min Scan# 527
Delta R.T. -0.000 min
Lab File: VN076763.D
Acq: 22 Feb 2023 11:33

Tgt Ion: 41 Resp: 253771
Ion Ratio Lower Upper
41 100
39 79.1 62.3 93.5
76 35.0 27.0 40.6

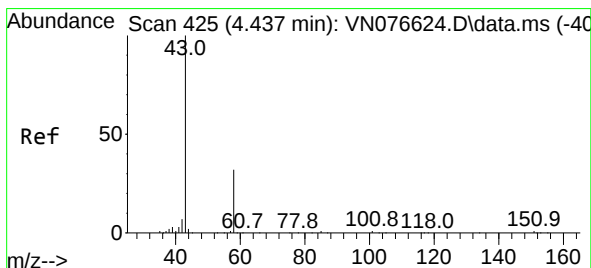
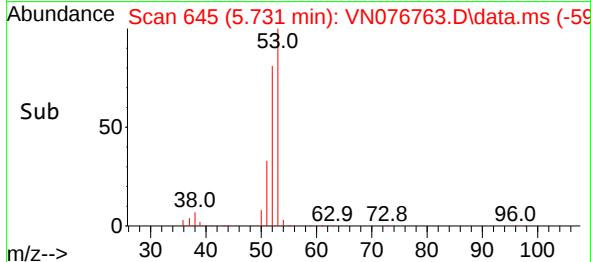
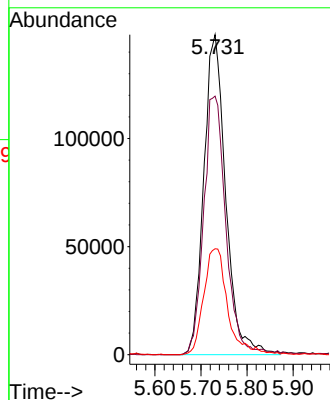
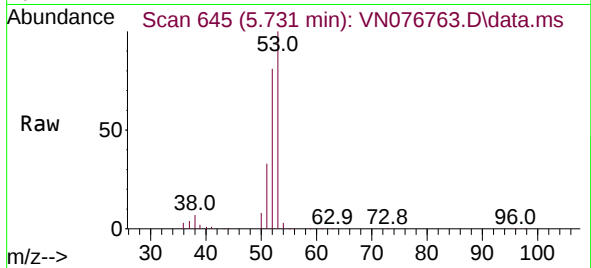




#15
Acrylonitrile
Concen: 266.035 ug/l
RT: 5.731 min Scan# 644
Delta R.T. 0.006 min
Lab File: VN076763.D
Acq: 22 Feb 2023 11:33

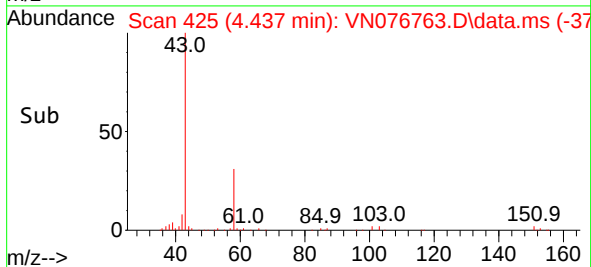
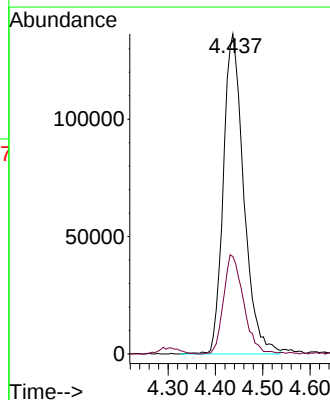
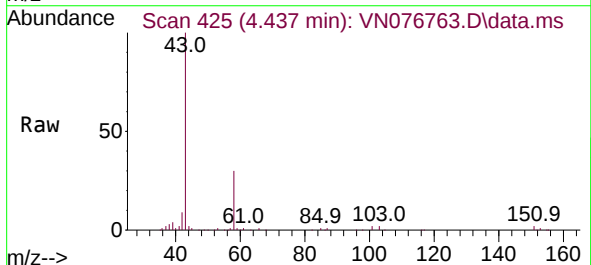
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

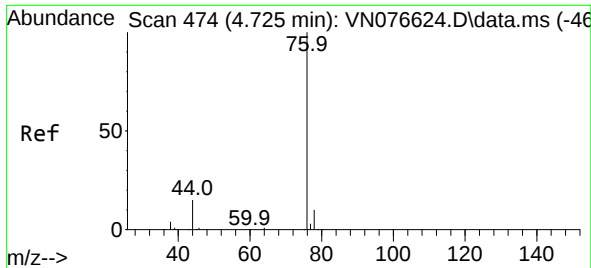
Tgt Ion: 53 Resp: 490978
Ion Ratio Lower Upper
53 100
52 81.6 65.3 97.9
51 35.1 29.2 43.8



#16
Acetone
Concen: 232.245 ug/l
RT: 4.437 min Scan# 425
Delta R.T. -0.000 min
Lab File: VN076763.D
Acq: 22 Feb 2023 11:33

Tgt Ion: 43 Resp: 408709
Ion Ratio Lower Upper
43 100
58 30.0 25.9 38.9

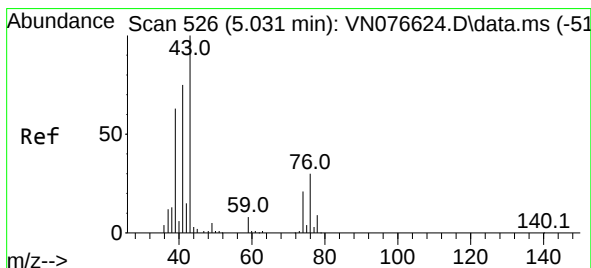
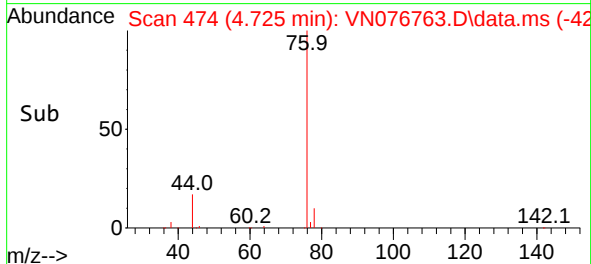
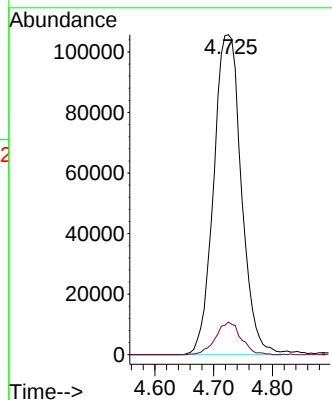
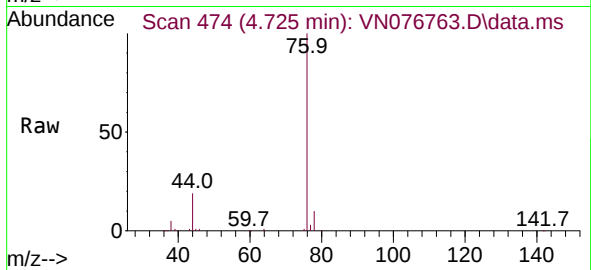




#17
Carbon Disulfide
Concen: 44.458 ug/l
RT: 4.725 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN076763.D
Acq: 22 Feb 2023 11:33

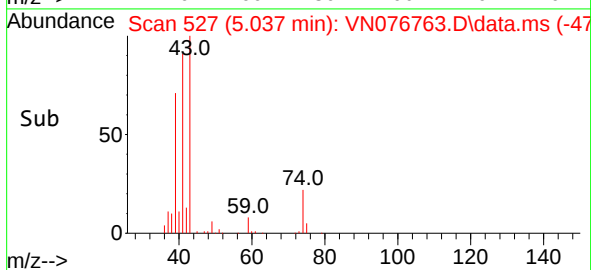
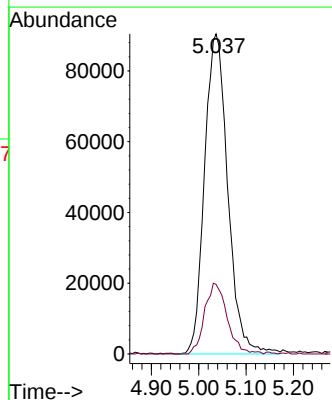
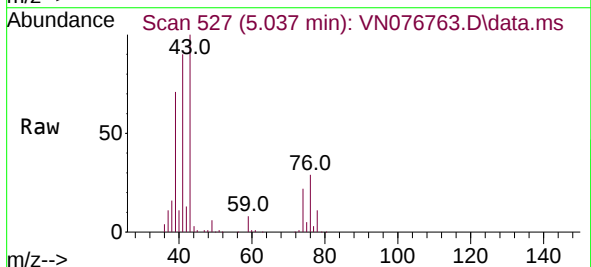
Instrument :
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ClientSampleId :
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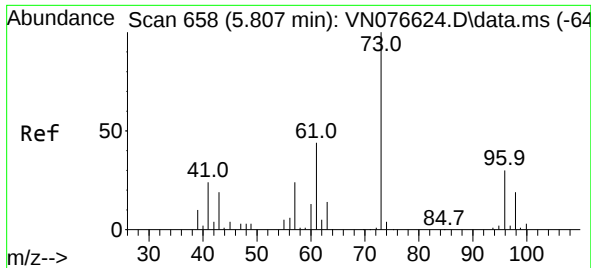
Tgt Ion: 76 Resp: 345679
Ion Ratio Lower Upper
76 100
78 10.2 7.8 11.8



#18
Methyl Acetate
Concen: 53.755 ug/l
RT: 5.037 min Scan# 527
Delta R.T. 0.006 min
Lab File: VN076763.D
Acq: 22 Feb 2023 11:33

Tgt Ion: 43 Resp: 308788
Ion Ratio Lower Upper
43 100
74 21.4 17.7 26.5

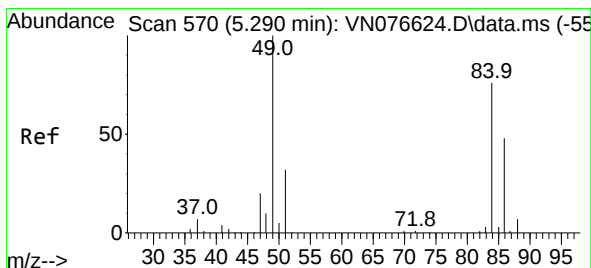
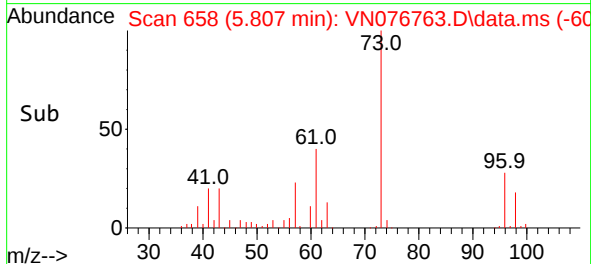
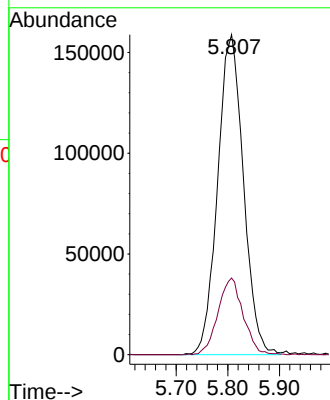
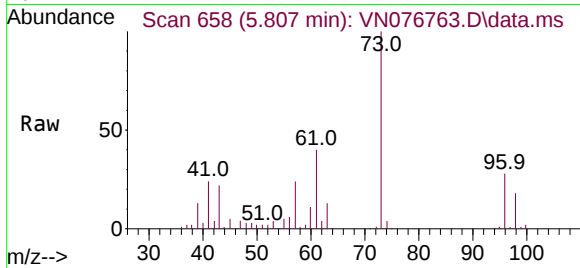




#19
Methyl tert-butyl Ether
Concen: 55.417 ug/l
RT: 5.807 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN076763.D
Acq: 22 Feb 2023 11:33

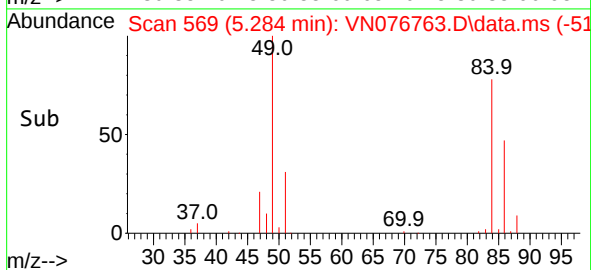
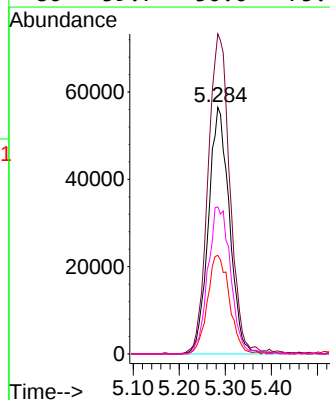
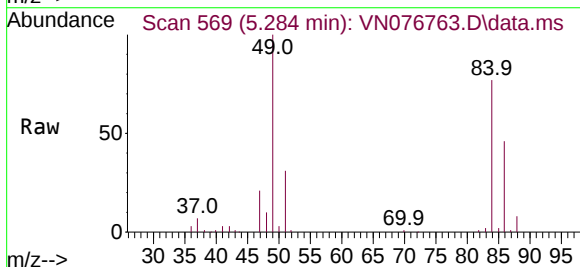
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

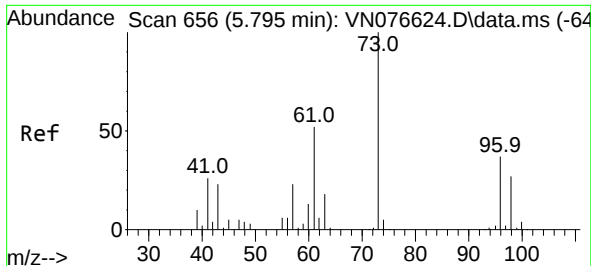
Tgt Ion: 73 Resp: 550211
Ion Ratio Lower Upper
73 100
57 24.0 19.0 28.4



#20
Methylene Chloride
Concen: 48.659 ug/l
RT: 5.284 min Scan# 569
Delta R.T. -0.006 min
Lab File: VN076763.D
Acq: 22 Feb 2023 11:33

Tgt Ion: 84 Resp: 179465
Ion Ratio Lower Upper
84 100
49 129.8 104.9 157.3
51 40.0 33.8 50.8
86 59.7 50.0 75.0

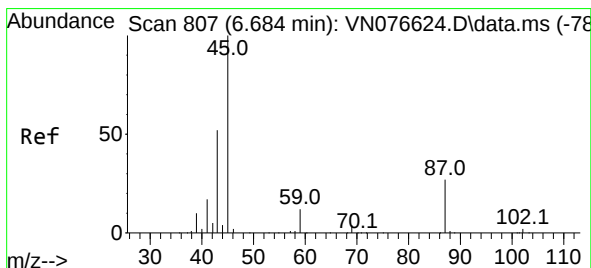
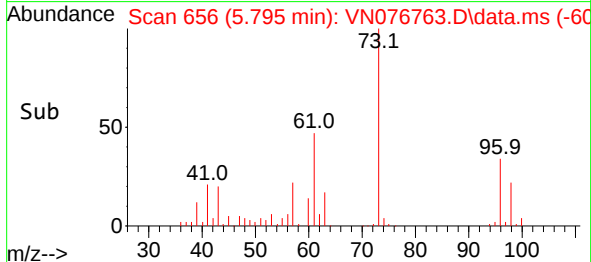
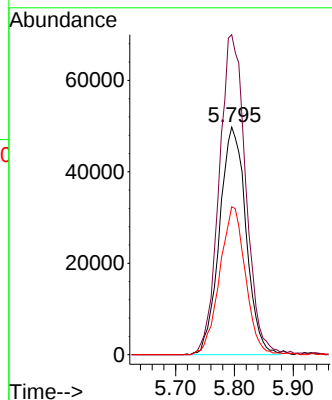
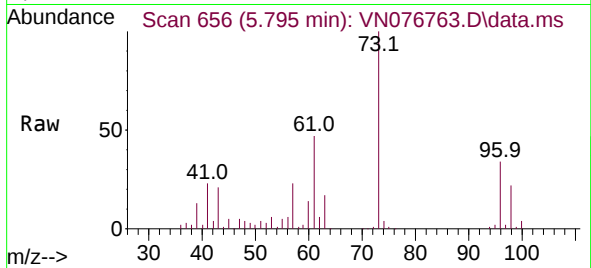




#21
trans-1,2-Dichloroethene
Concen: 47.042 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN076763.D
Acq: 22 Feb 2023 11:33

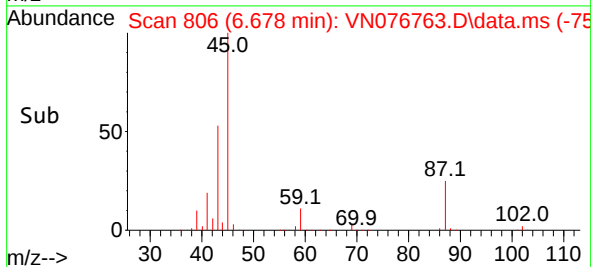
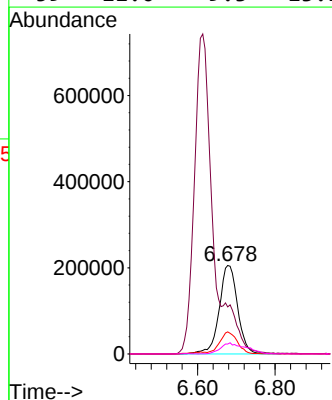
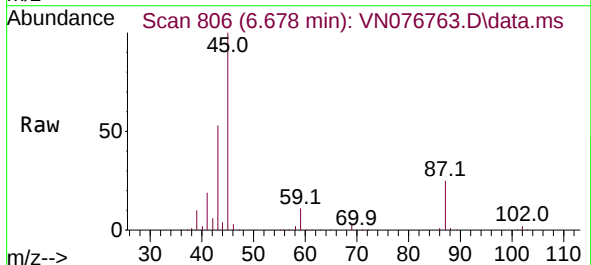
Instrument :
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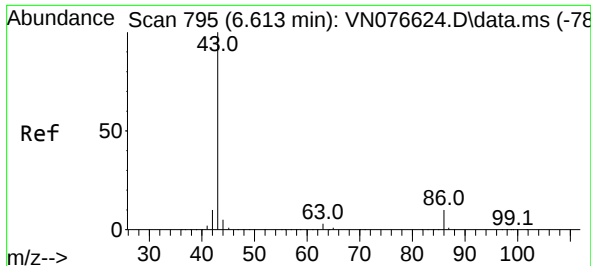
Tgt Ion: 96 Resp: 155943
Ion Ratio Lower Upper
96 100
61 140.7 113.9 170.9
98 65.0 59.4 89.0



#22
Diisopropyl ether
Concen: 56.699 ug/l
RT: 6.678 min Scan# 806
Delta R.T. -0.006 min
Lab File: VN076763.D
Acq: 22 Feb 2023 11:33

Tgt Ion: 45 Resp: 678577
Ion Ratio Lower Upper
45 100
43 52.3 41.8 62.6
87 24.9 21.8 32.8
59 11.0 9.3 13.9

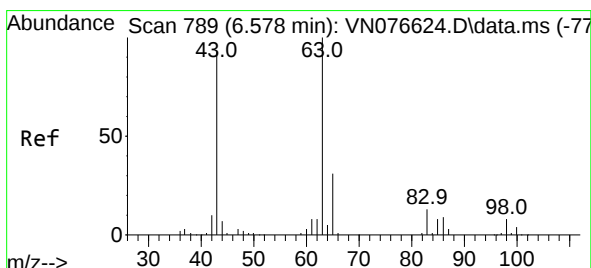
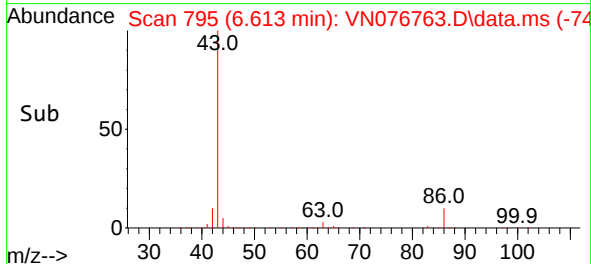
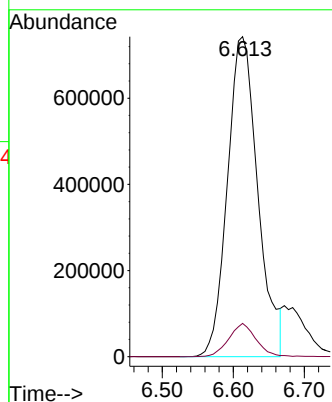
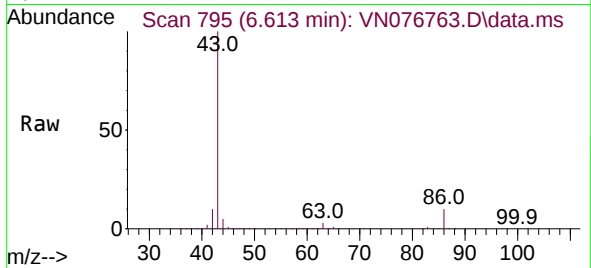




#23
 Vinyl Acetate
 Concen: 312.874 ug/l
 RT: 6.613 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: VN076763.D
 Acq: 22 Feb 2023 11:33

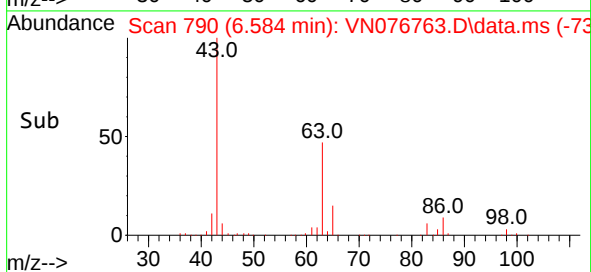
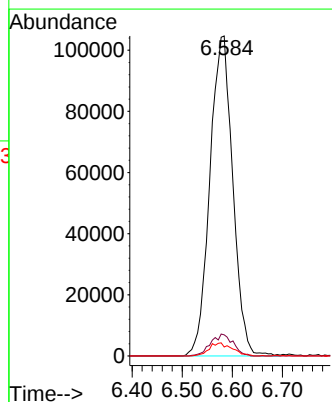
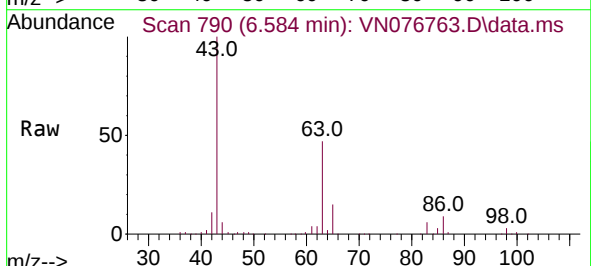
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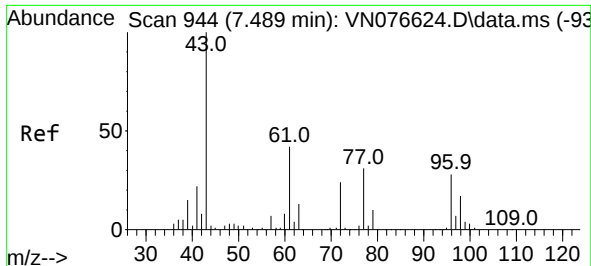
Tgt Ion: 43 Resp: 2215501
 Ion Ratio Lower Upper
 43 100
 86 10.4 8.2 12.2



#24
 1,1-Dichloroethane
 Concen: 50.629 ug/l
 RT: 6.584 min Scan# 790
 Delta R.T. 0.006 min
 Lab File: VN076763.D
 Acq: 22 Feb 2023 11:33

Tgt Ion: 63 Resp: 332085
 Ion Ratio Lower Upper
 63 100
 98 6.6 4.1 12.3
 100 2.8 2.0 5.8

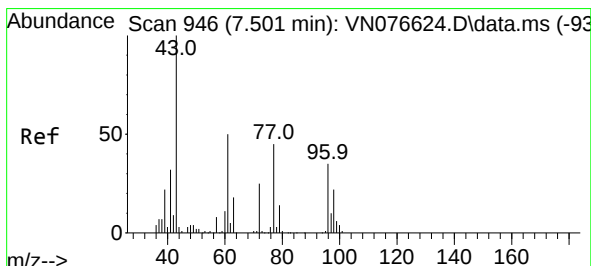
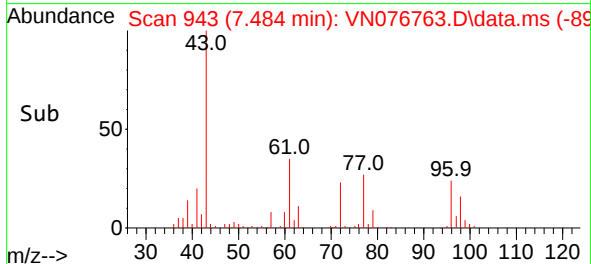
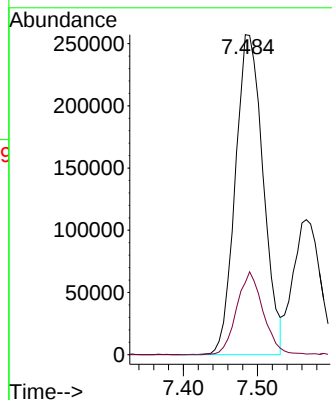
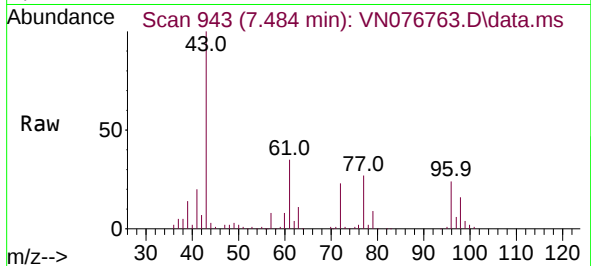




#25
2-Butanone
Concen: 258.748 ug/l
RT: 7.484 min Scan# 944
Delta R.T. -0.005 min
Lab File: VN076763.D
Acq: 22 Feb 2023 11:33

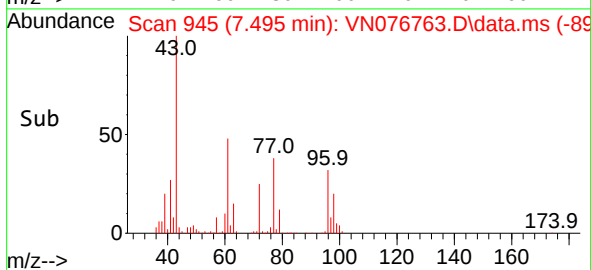
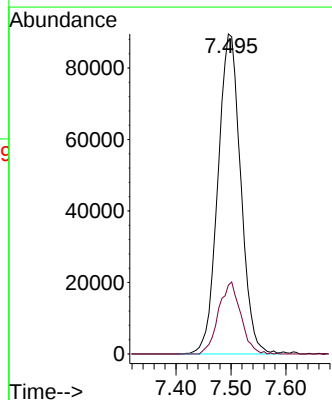
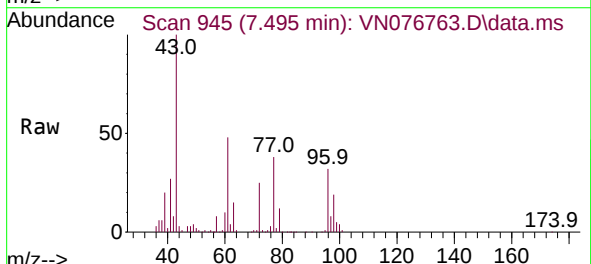
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

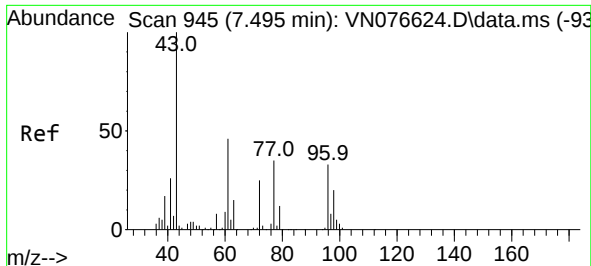
Tgt Ion: 43 Resp: 671673
Ion Ratio Lower Upper
43 100
72 22.5 19.4 29.2



#26
2,2-Dichloropropane
Concen: 54.514 ug/l
RT: 7.495 min Scan# 945
Delta R.T. -0.006 min
Lab File: VN076763.D
Acq: 22 Feb 2023 11:33

Tgt Ion: 77 Resp: 257911
Ion Ratio Lower Upper
77 100
97 21.9 11.9 35.7

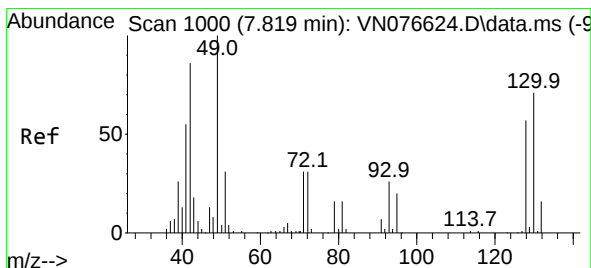
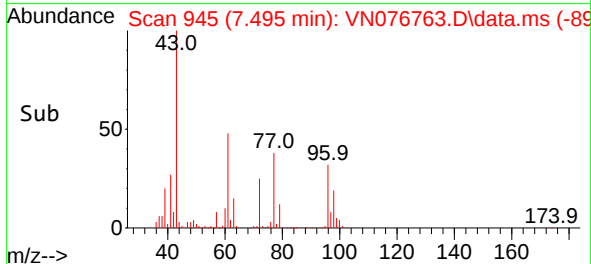
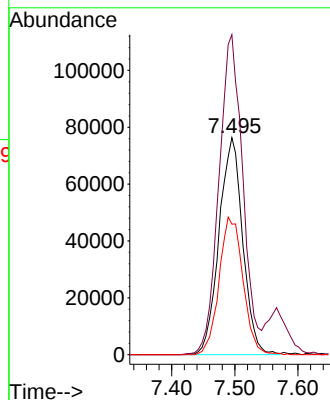
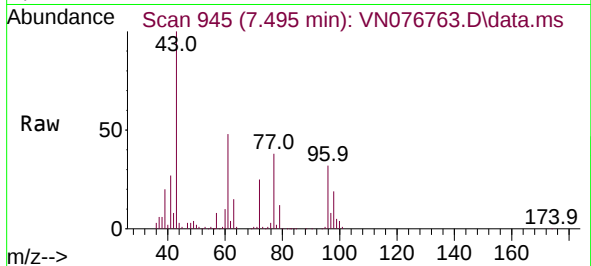




#27
 cis-1,2-Dichloroethene
 Concen: 50.547 ug/l
 RT: 7.495 min Scan# 945
 Delta R.T. 0.000 min
 Lab File: VN076763.D
 Acq: 22 Feb 2023 11:33

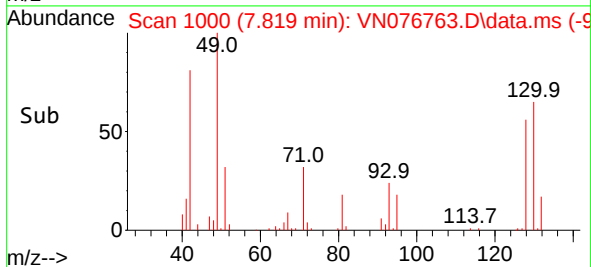
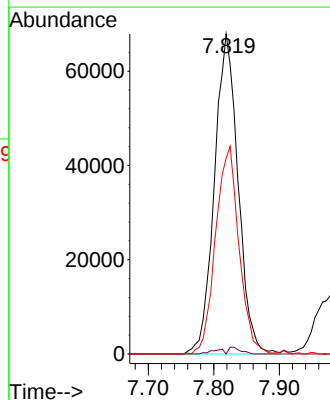
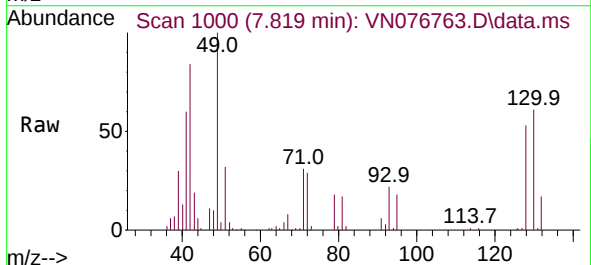
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 96 Resp: 198745
 Ion Ratio Lower Upper
 96 100
 61 148.6 0.0 286.8
 98 63.9 0.0 124.0



#28
 Bromochloromethane
 Concen: 54.418 ug/l
 RT: 7.819 min Scan# 1000
 Delta R.T. -0.000 min
 Lab File: VN076763.D
 Acq: 22 Feb 2023 11:33

Tgt Ion: 49 Resp: 169883
 Ion Ratio Lower Upper
 49 100
 129 1.1 0.0 4.0
 130 64.1 57.8 86.8





#29

Tetrahydrofuran

Concen: 270.686 ug/l

RT: 7.842 min Scan# 1004

Delta R.T. 0.000 min

Lab File: VN076763.D

Acq: 22 Feb 2023 11:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

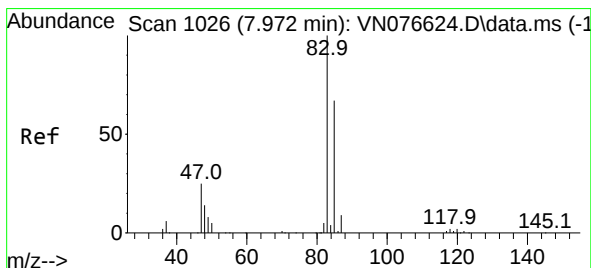
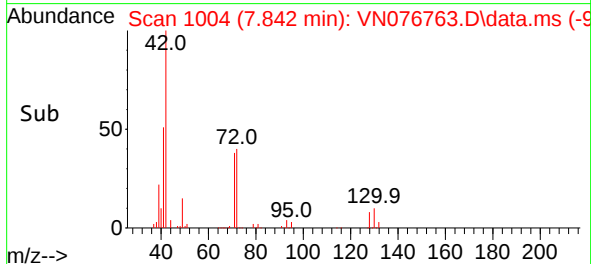
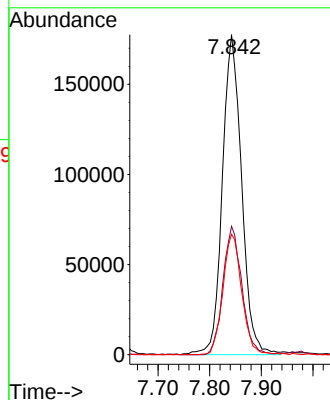
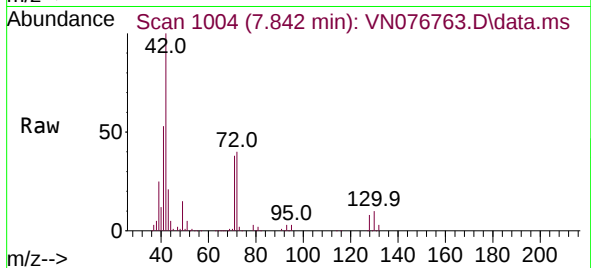
Tgt Ion: 42 Resp: 459086

Ion Ratio Lower Upper

42 100

72 39.3 31.5 47.3

71 36.8 29.8 44.8



#30

Chloroform

Concen: 53.241 ug/l

RT: 7.972 min Scan# 1026

Delta R.T. -0.000 min

Lab File: VN076763.D

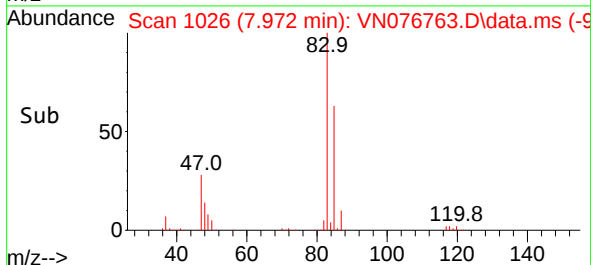
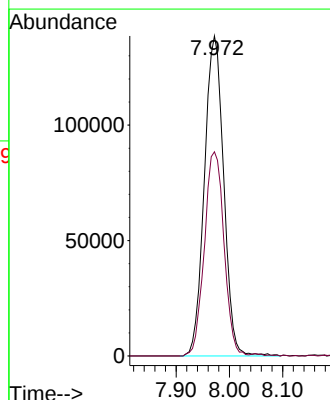
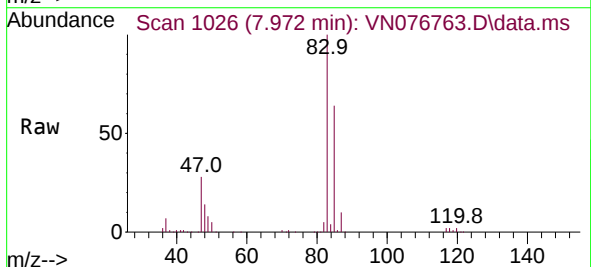
Acq: 22 Feb 2023 11:33

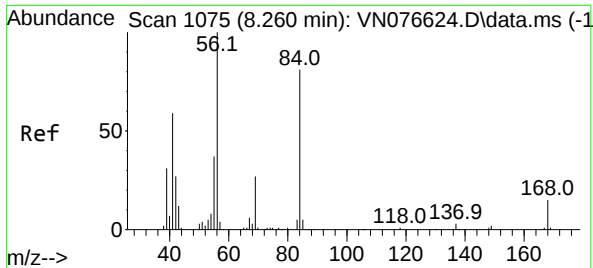
Tgt Ion: 83 Resp: 348916

Ion Ratio Lower Upper

83 100

85 63.8 53.5 80.3

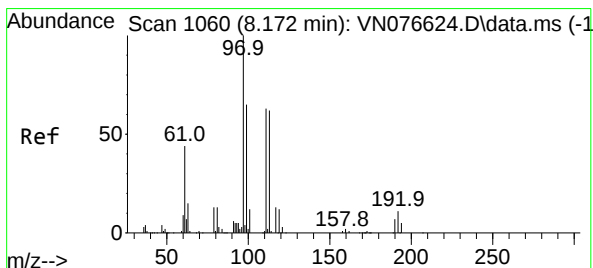
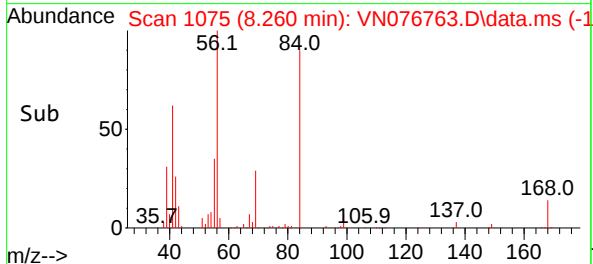
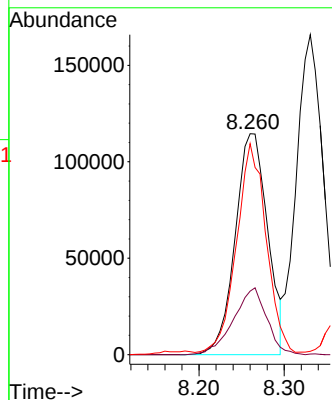
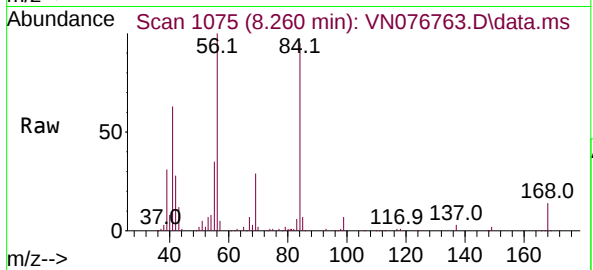




#31
Cyclohexane
Concen: 49.046 ug/l
RT: 8.260 min Scan# 1075
Delta R.T. -0.000 min
Lab File: VN076763.D
Acq: 22 Feb 2023 11:33

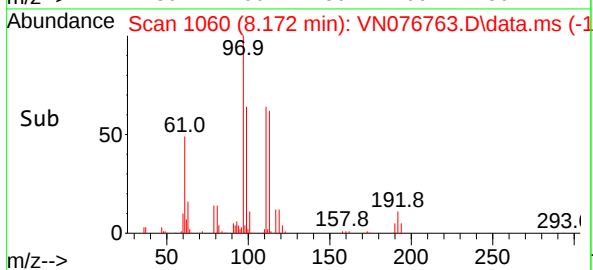
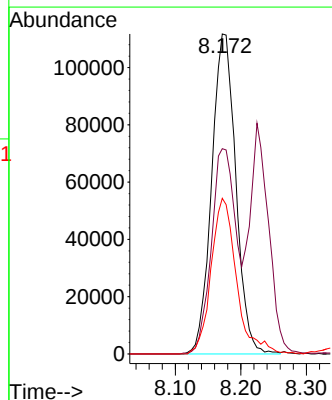
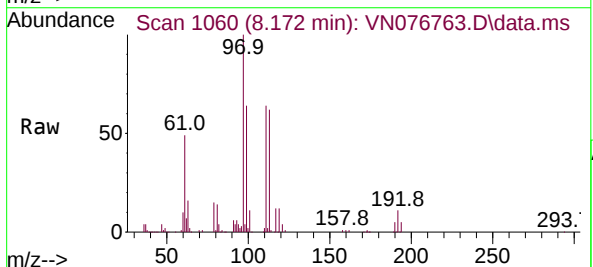
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

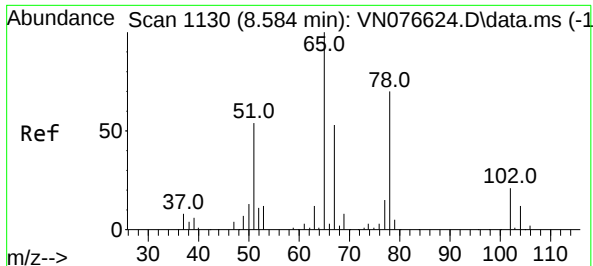
Tgt Ion: 56 Resp: 303105
Ion Ratio Lower Upper
56 100
69 28.7 21.6 32.4
84 94.2 65.1 97.7



#32
1,1,1-Trichloroethane
Concen: 51.833 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN076763.D
Acq: 22 Feb 2023 11:33

Tgt Ion: 97 Resp: 285610
Ion Ratio Lower Upper
97 100
99 65.0 51.2 76.8
61 51.1 38.2 57.2





#33

1,2-Dichloroethane-d4

Concen: 54.089 ug/l

RT: 8.583 min Scan# 1130

Delta R.T. -0.001 min

Lab File: VN076763.D

Acq: 22 Feb 2023 11:33

Instrument :

MSVOA_N

ClientSampleId :

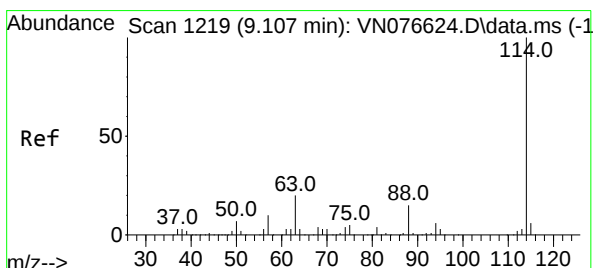
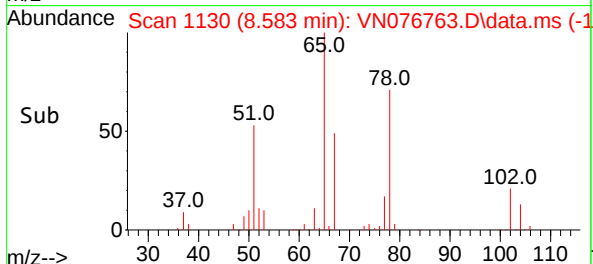
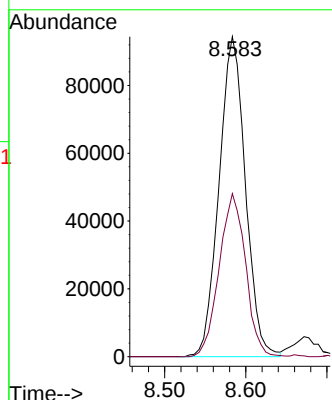
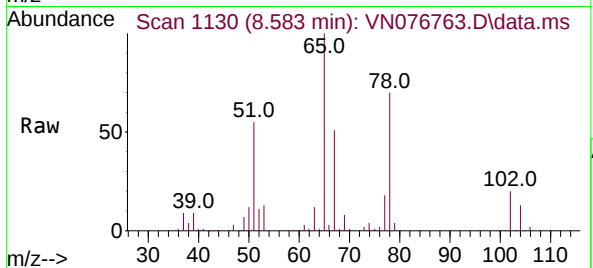
VSTDCCC050

Tgt Ion: 65 Resp: 213094

Ion Ratio Lower Upper

65 100

67 50.9 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VN076763.D

Acq: 22 Feb 2023 11:33

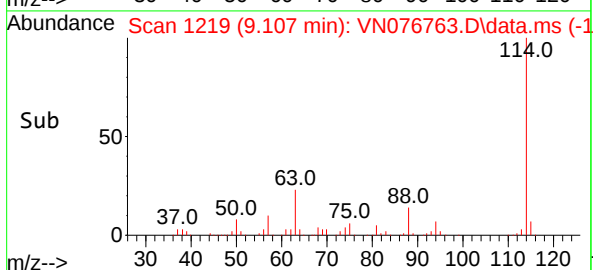
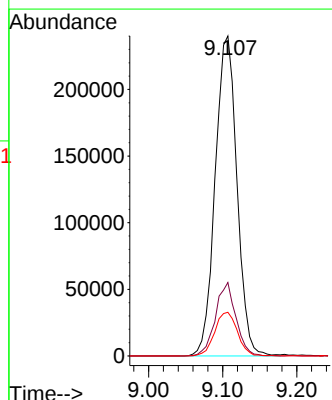
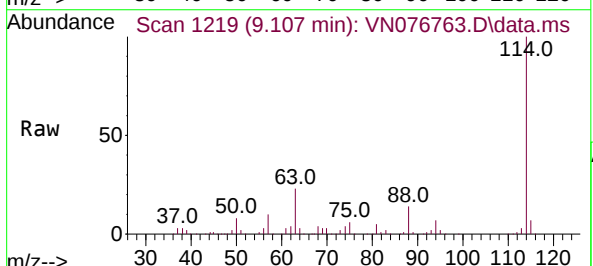
Tgt Ion: 114 Resp: 489930

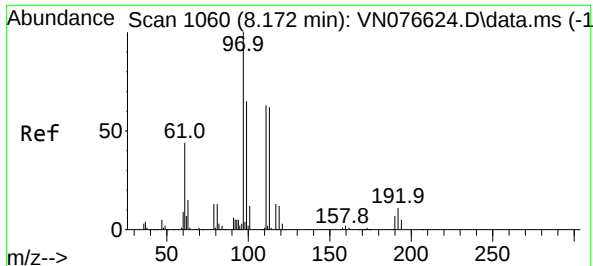
Ion Ratio Lower Upper

114 100

63 23.0 0.0 40.0

88 13.6 0.0 29.6





#35

Dibromofluoromethane

Concen: 51.719 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN076763.D

Acq: 22 Feb 2023 11:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

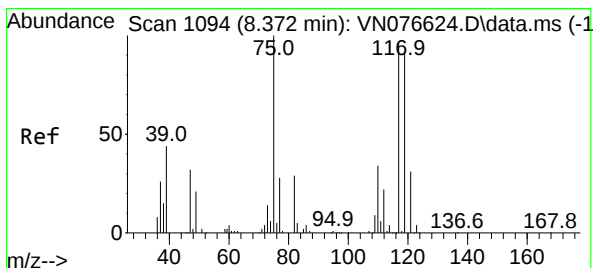
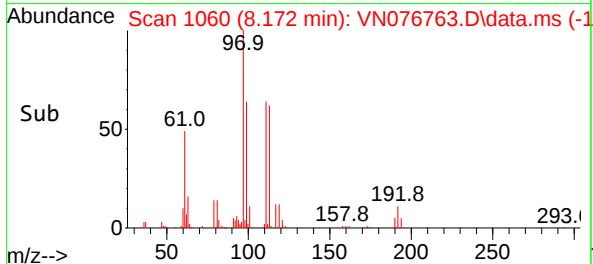
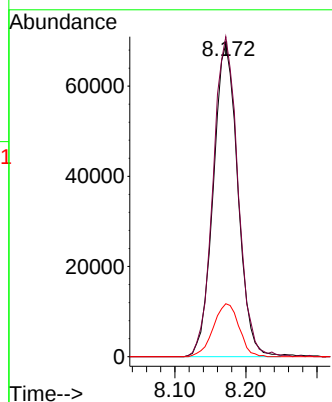
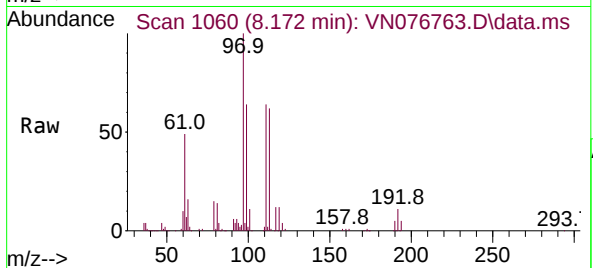
Tgt Ion:113 Resp: 165940

Ion Ratio Lower Upper

113 100

111 103.8 83.1 124.7

192 17.7 15.6 23.4



#36

1,1-Dichloropropene

Concen: 53.533 ug/l

RT: 8.378 min Scan# 1095

Delta R.T. 0.006 min

Lab File: VN076763.D

Acq: 22 Feb 2023 11:33

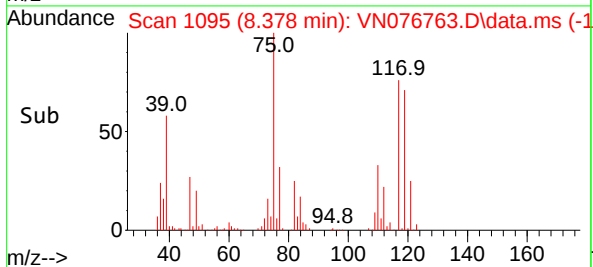
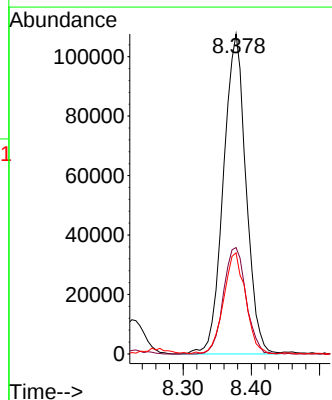
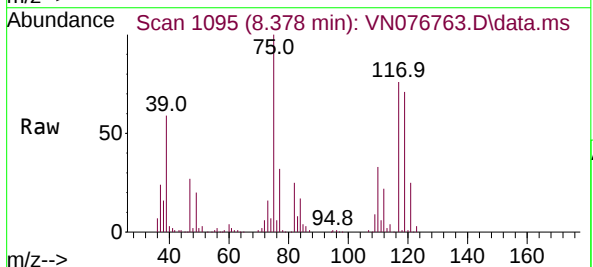
Tgt Ion: 75 Resp: 248162

Ion Ratio Lower Upper

75 100

110 33.3 17.5 52.5

77 30.8 24.5 36.7

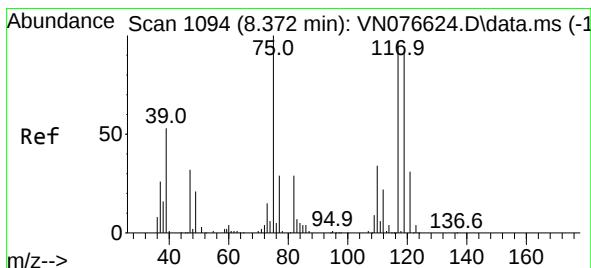
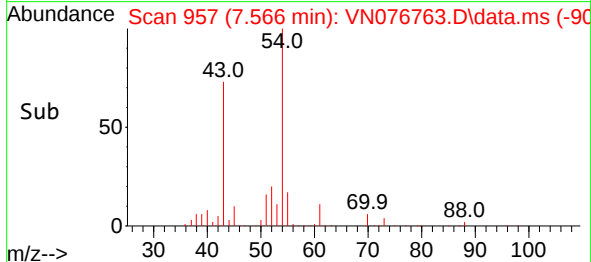
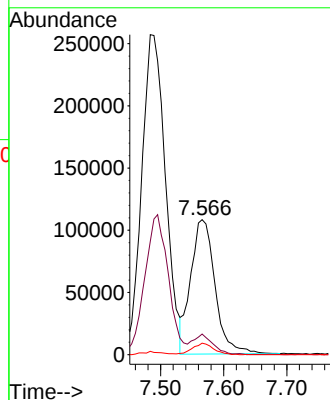
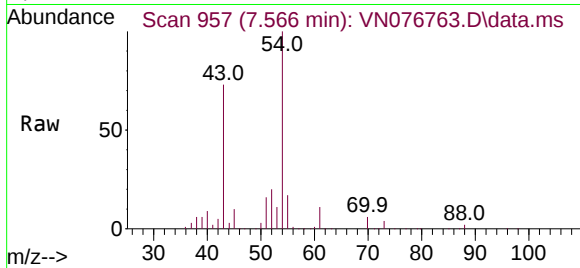




#37
Ethyl Acetate
Concen: 59.529 ug/l
RT: 7.566 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN076763.D
Acq: 22 Feb 2023 11:33

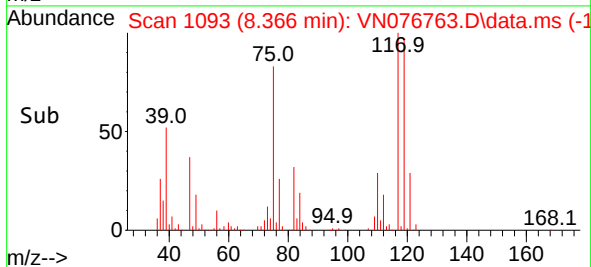
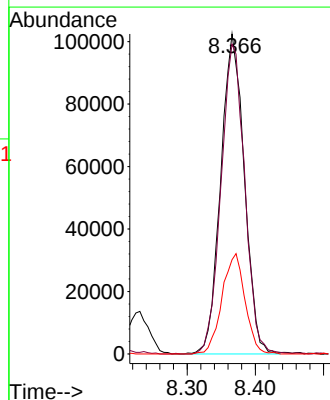
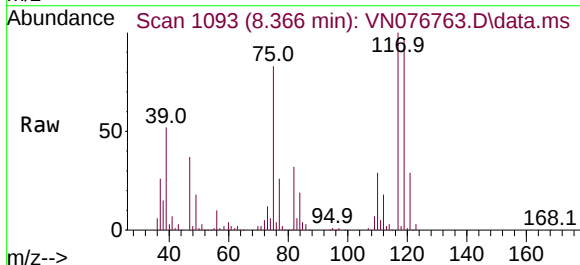
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

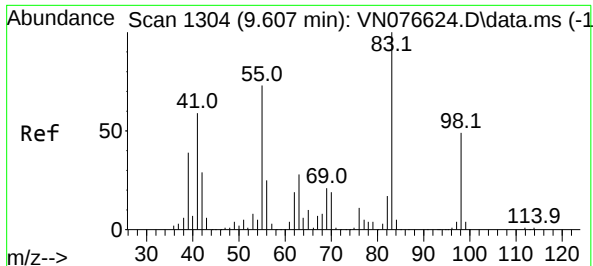
Tgt Ion: 43 Resp: 290344
Ion Ratio Lower Upper
43 100
61 12.6 9.9 14.9
70 7.4 7.8 11.6#



#38
Carbon Tetrachloride
Concen: 52.783 ug/l
RT: 8.366 min Scan# 1093
Delta R.T. -0.006 min
Lab File: VN076763.D
Acq: 22 Feb 2023 11:33

Tgt Ion: 117 Resp: 246835
Ion Ratio Lower Upper
117 100
119 96.8 75.4 113.0
121 29.4 26.0 39.0





#39

Methylcyclohexane

Concen: 56.223 ug/l

RT: 9.601 min Scan# 1133

Delta R.T. -0.006 min

Lab File: VN076763.D

Acq: 22 Feb 2023 11:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

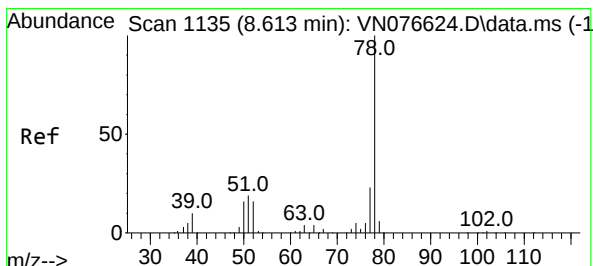
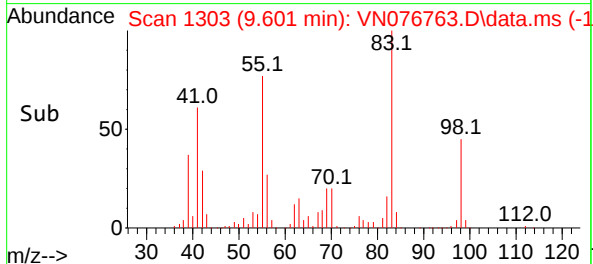
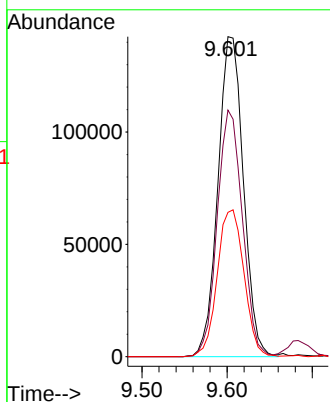
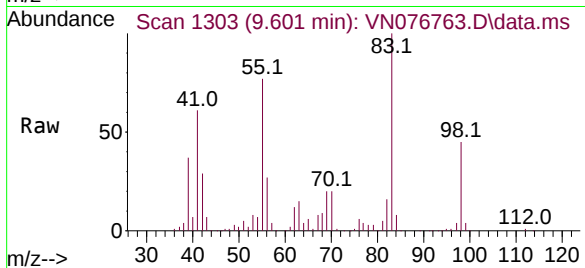
Tgt Ion: 83 Resp: 296261

Ion Ratio Lower Upper

83 100

55 77.0 58.6 88.0

98 45.1 39.4 59.2



#40

Benzene

Concen: 54.695 ug/l

RT: 8.607 min Scan# 1134

Delta R.T. -0.006 min

Lab File: VN076763.D

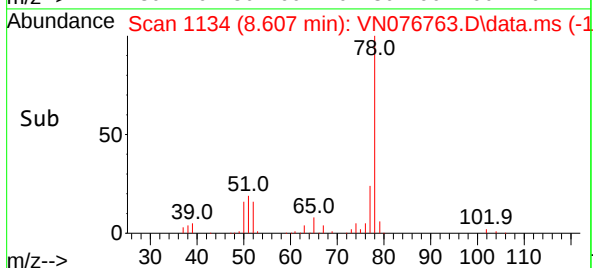
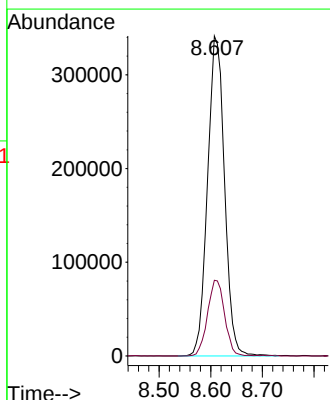
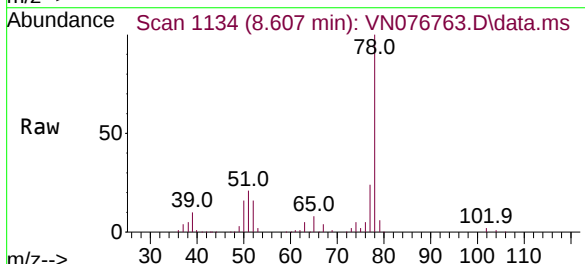
Acq: 22 Feb 2023 11:33

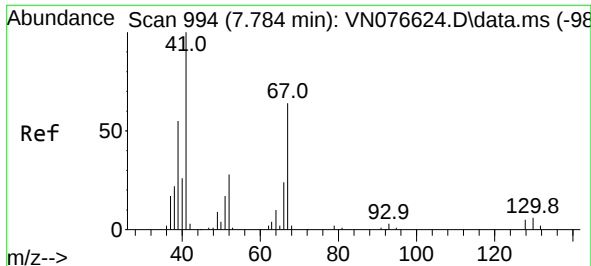
Tgt Ion: 78 Resp: 778629

Ion Ratio Lower Upper

78 100

77 23.7 18.2 27.4



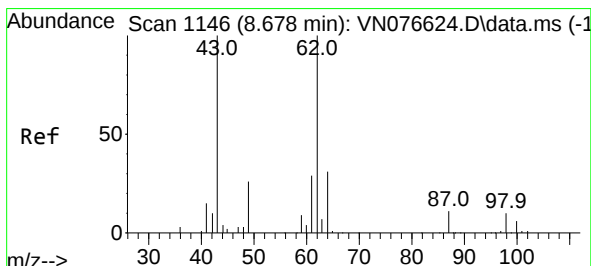
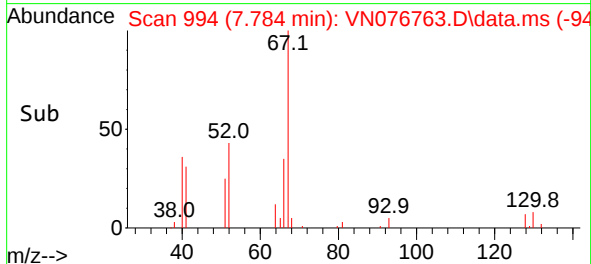
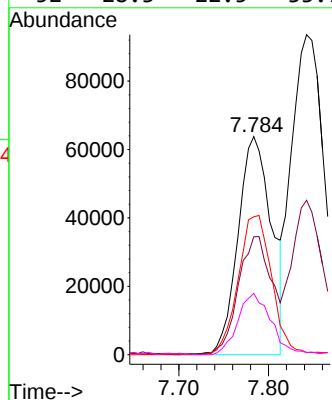
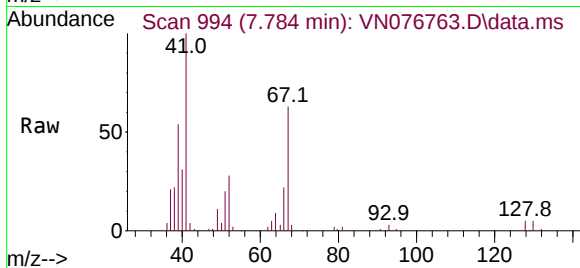


#41
Methacrylonitrile
Concen: 58.776 ug/l
RT: 7.784 min Scan# 994
Delta R.T. -0.000 min
Lab File: VN076763.D
Acq: 22 Feb 2023 11:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 166073

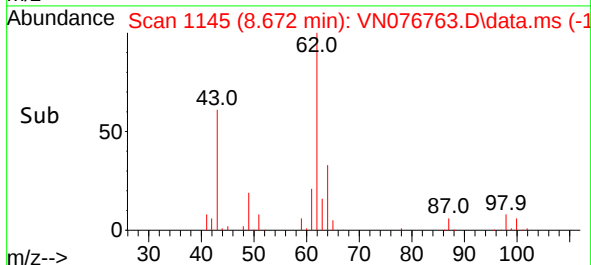
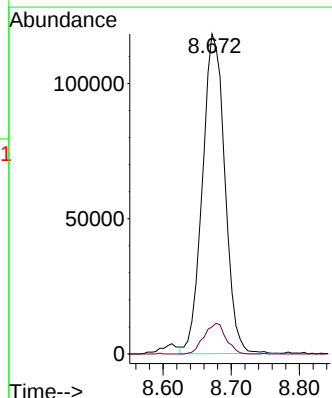
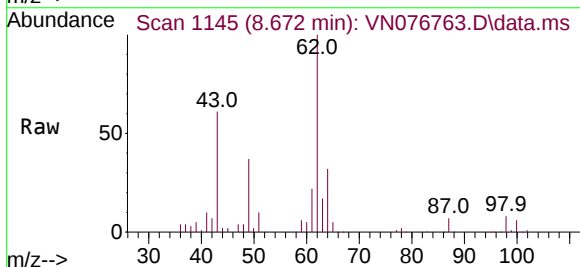
Ion	Ratio	Lower	Upper
41	100		
39	54.2	42.6	63.8
67	64.1	51.4	77.0
52	28.3	22.5	33.7

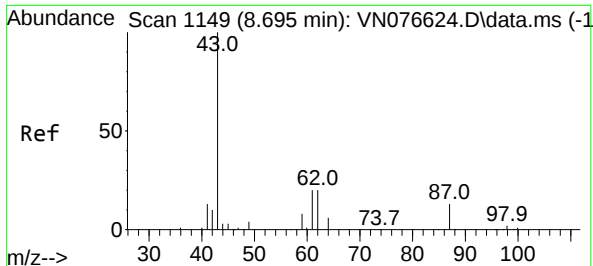


#42
1,2-Dichloroethane
Concen: 54.418 ug/l
RT: 8.672 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN076763.D
Acq: 22 Feb 2023 11:33

Tgt Ion: 62 Resp: 270185

Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	19.2

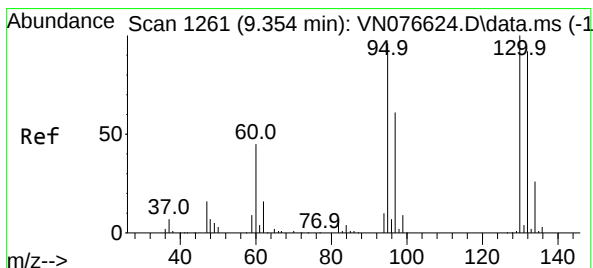
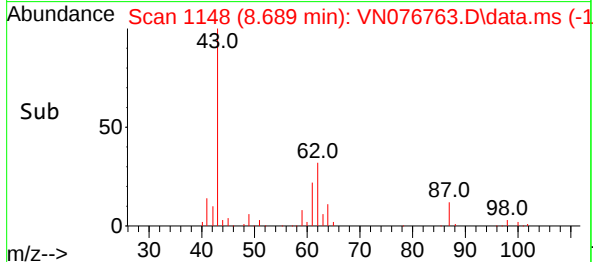
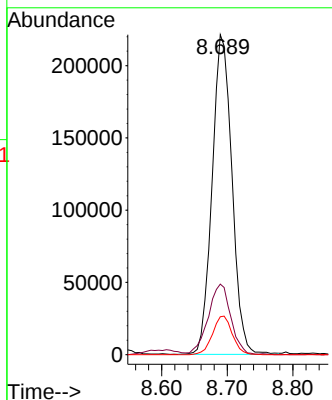
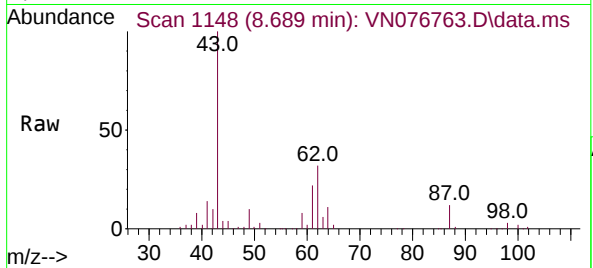




#43
Isopropyl Acetate
Concen: 58.547 ug/l
RT: 8.689 min Scan# 1148
Delta R.T. -0.006 min
Lab File: VN076763.D
Acq: 22 Feb 2023 11:33

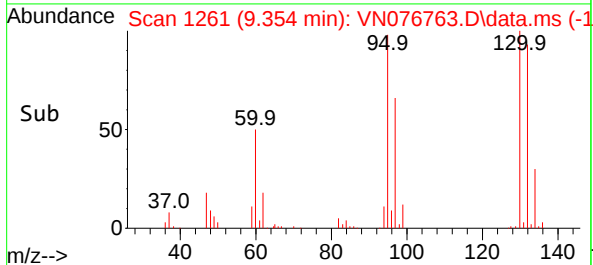
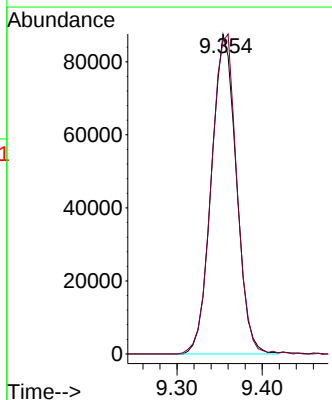
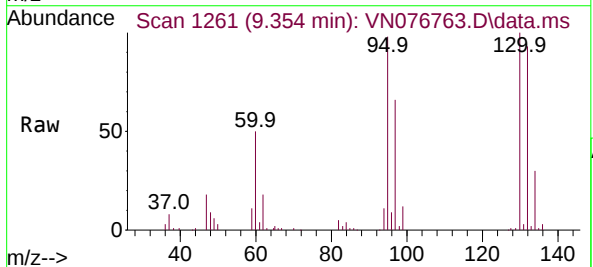
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

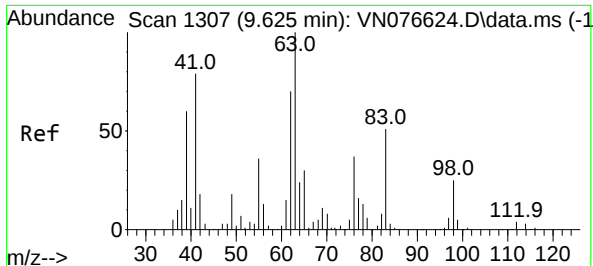
Tgt Ion: 43 Resp: 464660
Ion Ratio Lower Upper
43 100
61 24.8 20.0 30.0
87 12.0 9.9 14.9



#44
Trichloroethene
Concen: 52.800 ug/l
RT: 9.354 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VN076763.D
Acq: 22 Feb 2023 11:33

Tgt Ion:130 Resp: 177624
Ion Ratio Lower Upper
130 100
95 97.8 0.0 191.4





#45

1,2-Dichloropropane

Concen: 54.827 ug/l

RT: 9.625 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN076763.D

Acq: 22 Feb 2023 11:33

Instrument :

MSVOA_N

ClientSampleId :

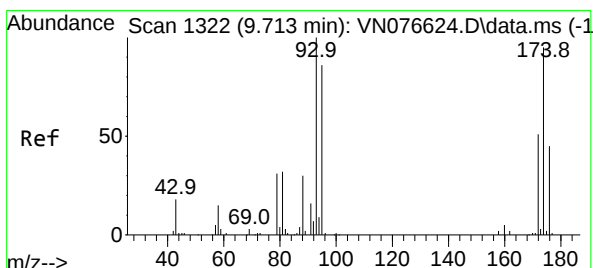
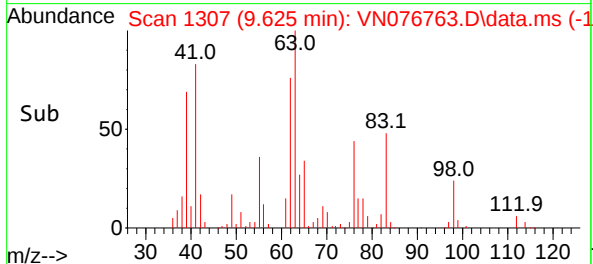
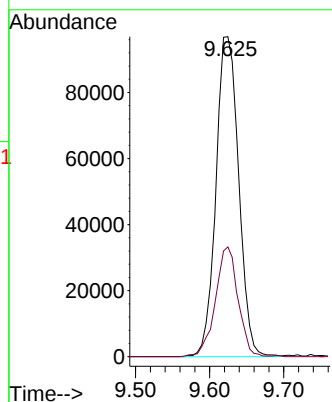
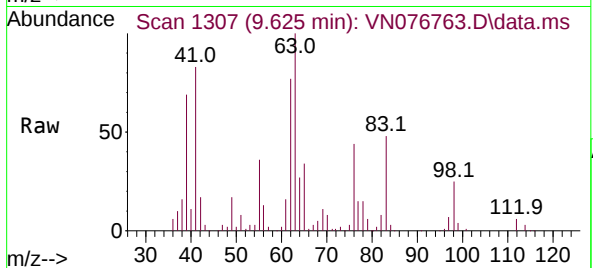
VSTDCCC050

Tgt Ion: 63 Resp: 206614

Ion Ratio Lower Upper

63 100

65 34.3 24.2 36.2



#46

Dibromomethane

Concen: 56.851 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN076763.D

Acq: 22 Feb 2023 11:33

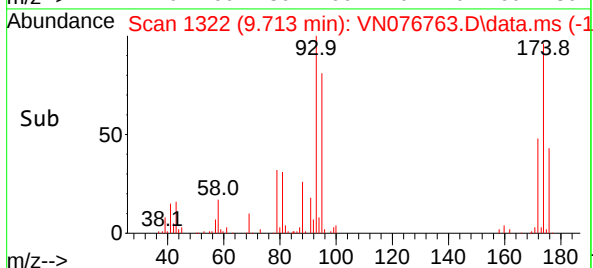
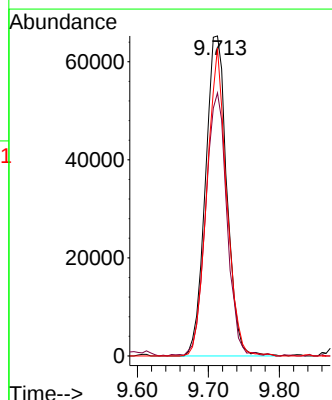
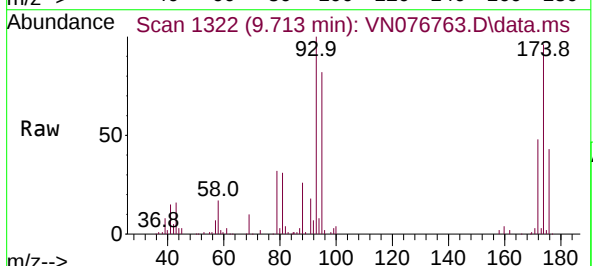
Tgt Ion: 93 Resp: 136968

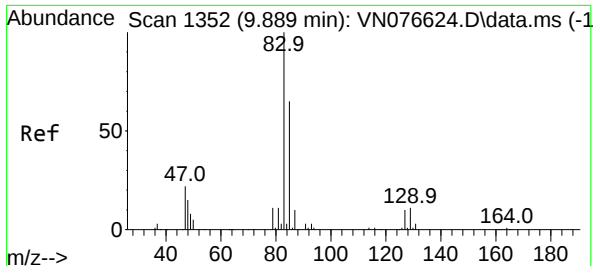
Ion Ratio Lower Upper

93 100

95 81.5 66.0 99.0

174 88.5 75.8 113.8

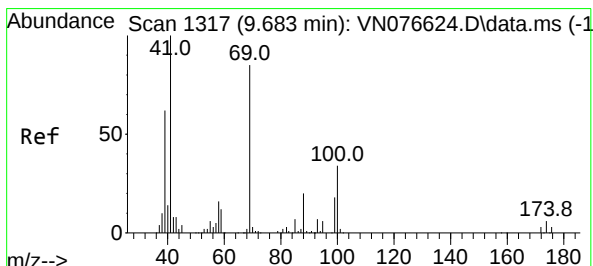
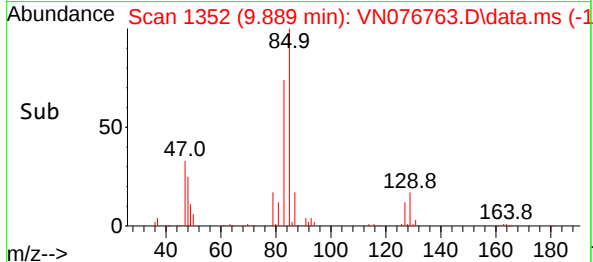
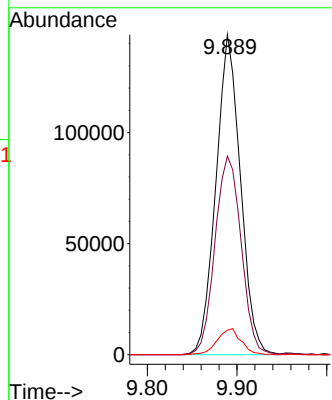
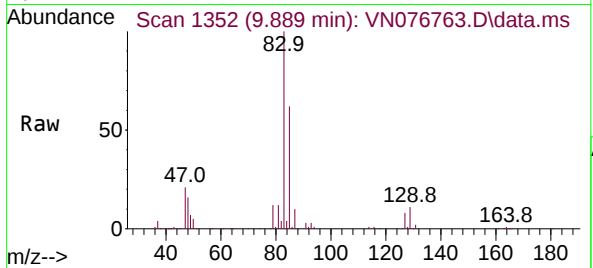




#47
Bromodichloromethane
Concen: 56.664 ug/l
RT: 9.889 min Scan# 1352
Delta R.T. 0.000 min
Lab File: VN076763.D
Acq: 22 Feb 2023 11:33

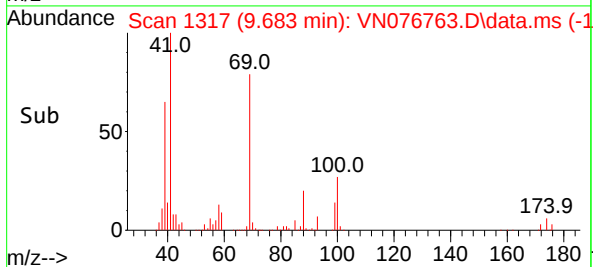
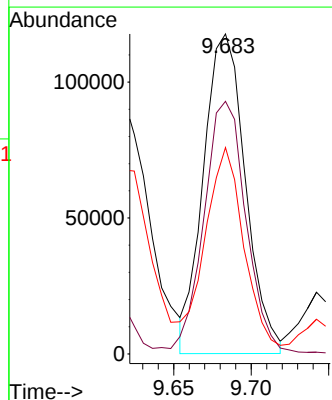
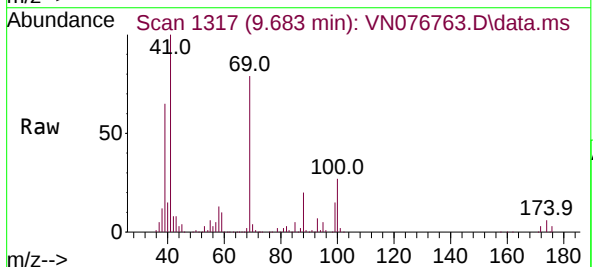
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

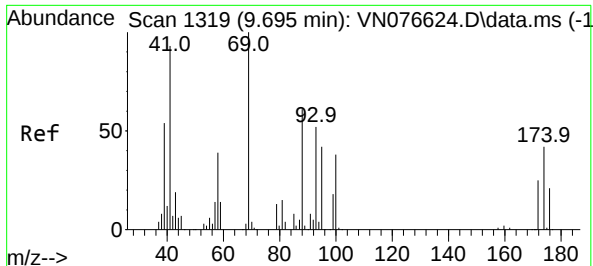
Tgt Ion: 83 Resp: 273702
Ion Ratio Lower Upper
83 100
85 62.1 51.8 77.6
127 7.6 7.9 11.9#



#48
Methyl methacrylate
Concen: 58.770 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN076763.D
Acq: 22 Feb 2023 11:33

Tgt Ion: 41 Resp: 221334
Ion Ratio Lower Upper
41 100
69 78.9 65.4 98.0
39 59.7 49.3 73.9

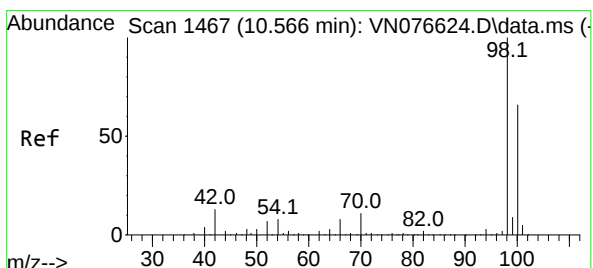
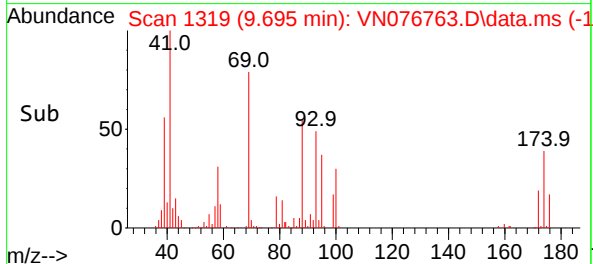
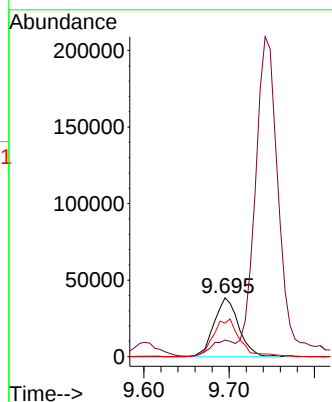
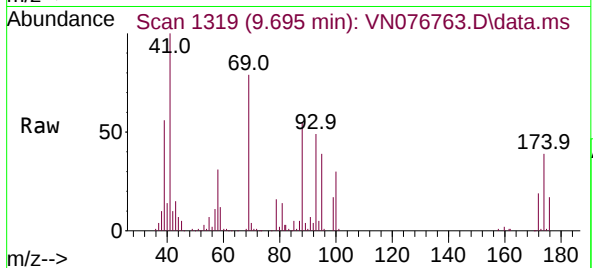




#49
1,4-Dioxane
Concen: 1184.341 ug/l
RT: 9.695 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VN076763.D
Acq: 22 Feb 2023 11:33

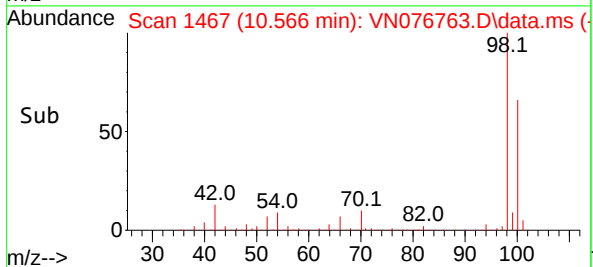
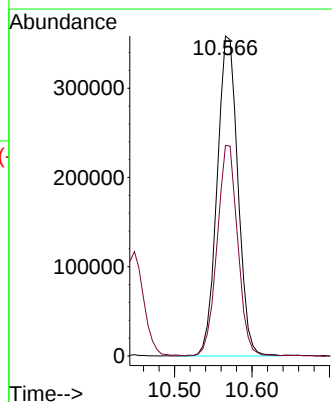
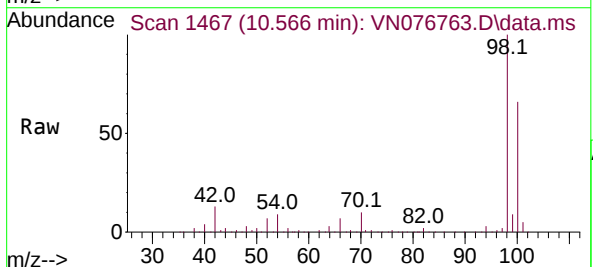
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

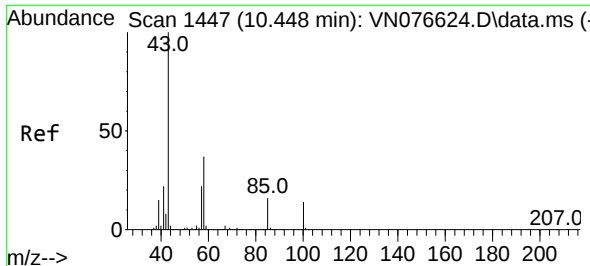
Tgt Ion: 88 Resp: 77156
Ion Ratio Lower Upper
88 100
43 25.6 22.6 33.8
58 69.3 57.6 86.4



#50
Toluene-d8
Concen: 55.675 ug/l
RT: 10.566 min Scan# 1467
Delta R.T. -0.000 min
Lab File: VN076763.D
Acq: 22 Feb 2023 11:33

Tgt Ion: 98 Resp: 667102
Ion Ratio Lower Upper
98 100
100 65.0 52.9 79.3

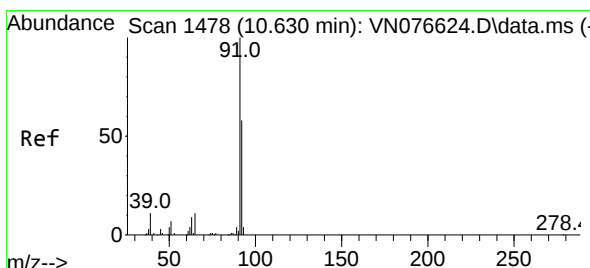
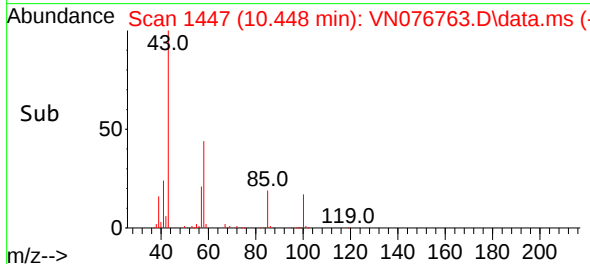
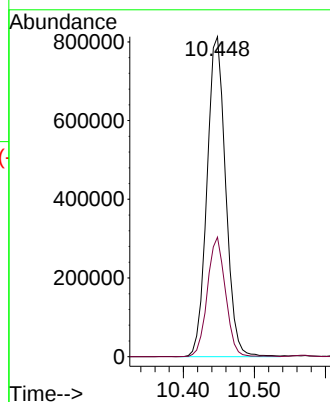
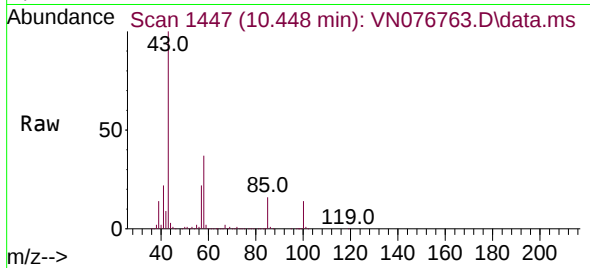




#51
4-Methyl-2-Pentanone
Concen: 294.152 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN076763.D
Acq: 22 Feb 2023 11:33

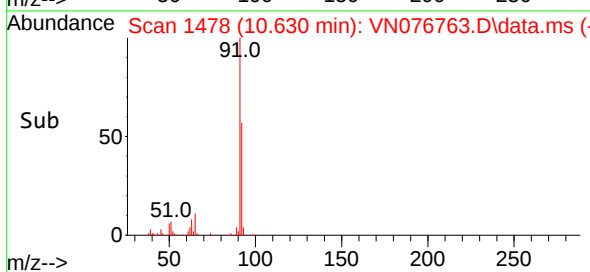
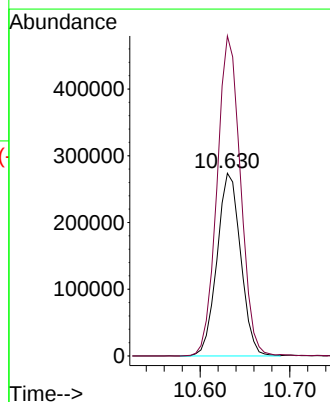
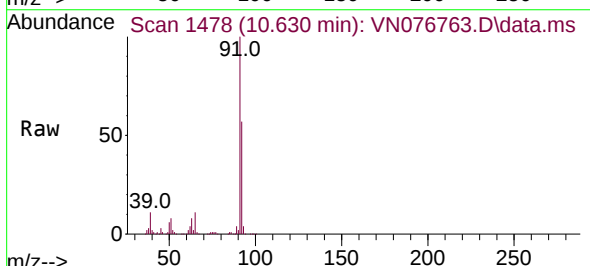
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

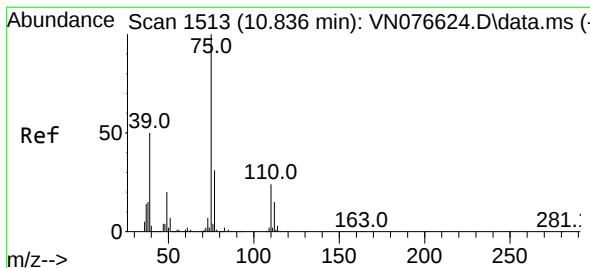
Tgt Ion: 43 Resp: 1485365
Ion Ratio Lower Upper
43 100
58 36.3 29.5 44.3



#52
Toluene
Concen: 58.289 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VN076763.D
Acq: 22 Feb 2023 11:33

Tgt Ion: 92 Resp: 500982
Ion Ratio Lower Upper
92 100
91 174.3 138.0 207.0

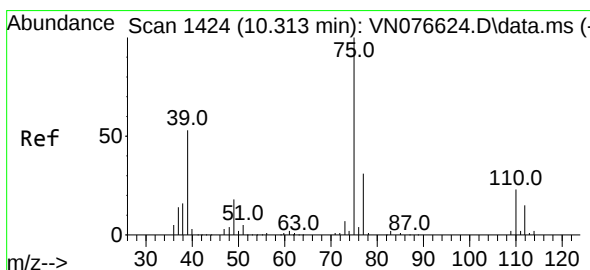
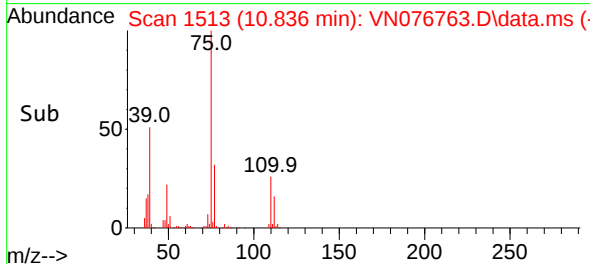
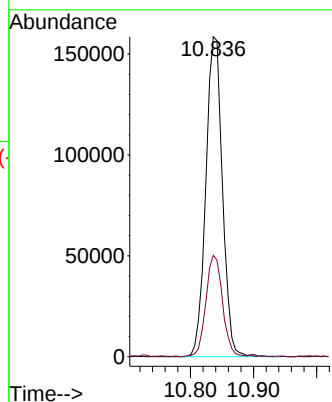
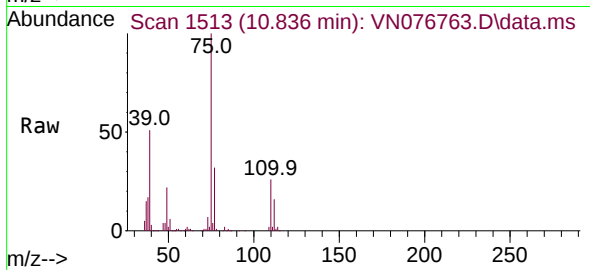




#53
 t-1,3-Dichloropropene
 Concen: 62.142 ug/l
 RT: 10.836 min Scan# 1513
 Delta R.T. 0.000 min
 Lab File: VN076763.D
 Acq: 22 Feb 2023 11:33

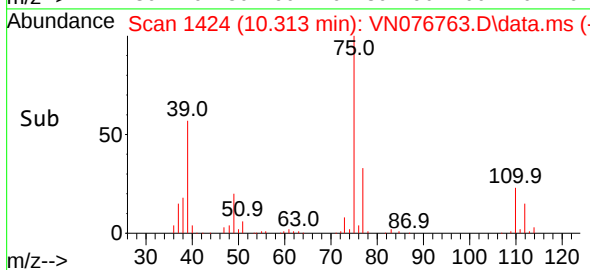
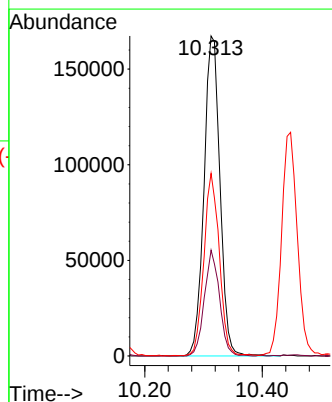
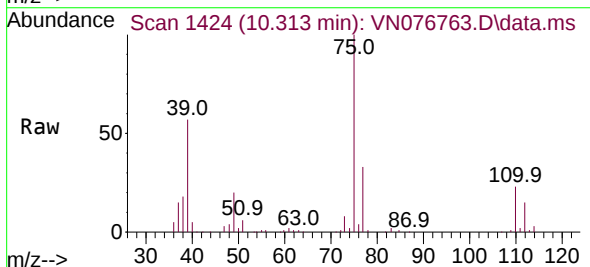
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

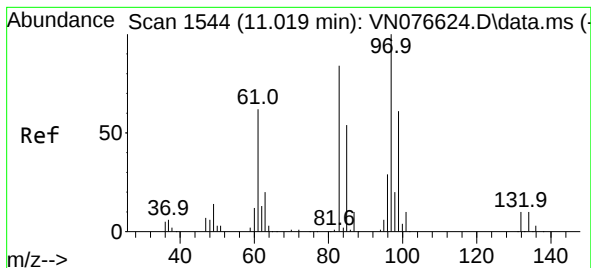
Tgt Ion: 75 Resp: 289714
 Ion Ratio Lower Upper
 75 100
 77 31.7 24.6 37.0



#54
 cis-1,3-Dichloropropene
 Concen: 58.983 ug/l
 RT: 10.313 min Scan# 1424
 Delta R.T. -0.000 min
 Lab File: VN076763.D
 Acq: 22 Feb 2023 11:33

Tgt Ion: 75 Resp: 317191
 Ion Ratio Lower Upper
 75 100
 77 33.0 25.1 37.7
 39 56.9 42.3 63.5





#55

1,1,2-Trichloroethane

Concen: 57.143 ug/l

RT: 11.019 min Scan# 1544

Delta R.T. -0.000 min

Lab File: VN076763.D

Acq: 22 Feb 2023 11:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 199711

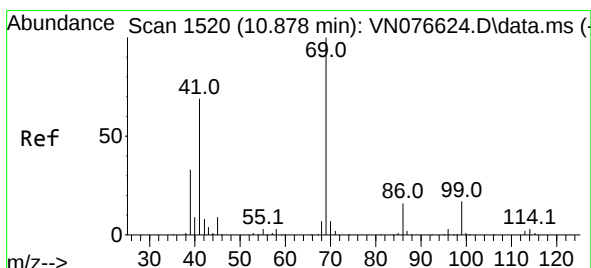
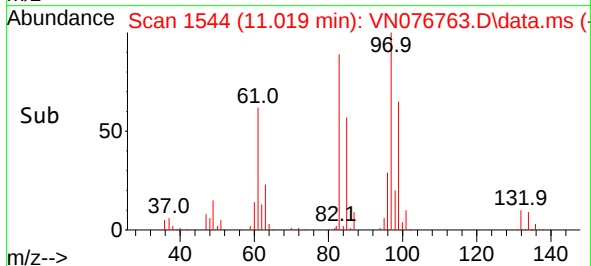
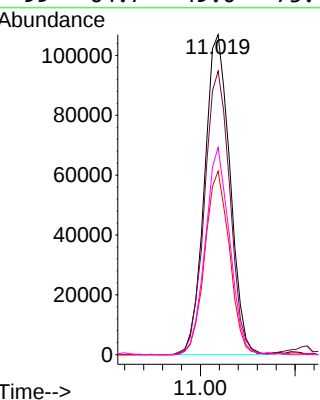
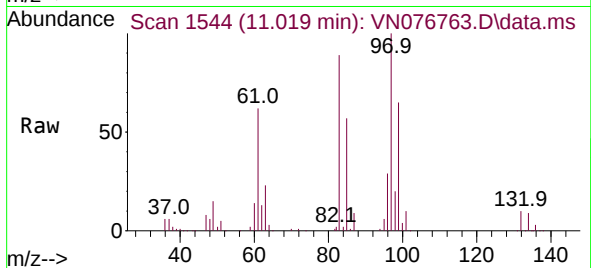
Ion Ratio Lower Upper

97 100

83 88.6 67.3 100.9

85 57.3 43.2 64.8

99 64.7 49.0 73.4



#56

Ethyl methacrylate

Concen: 63.690 ug/l

RT: 10.872 min Scan# 1519

Delta R.T. -0.006 min

Lab File: VN076763.D

Acq: 22 Feb 2023 11:33

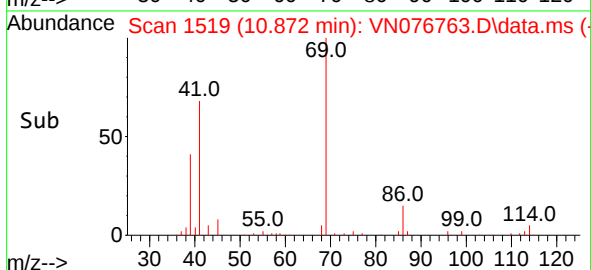
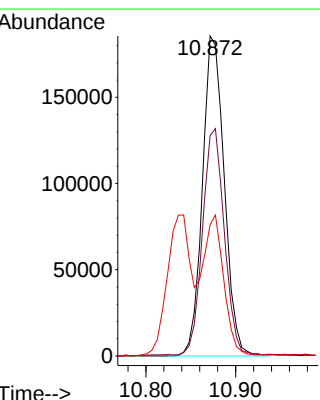
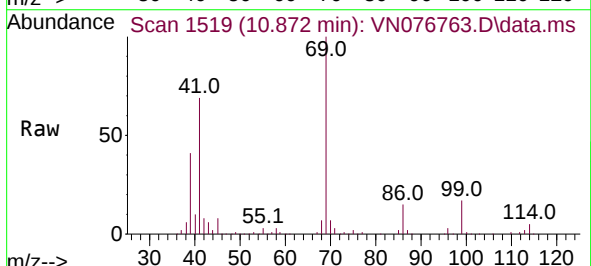
Tgt Ion: 69 Resp: 313315

Ion Ratio Lower Upper

69 100

41 70.4 55.1 82.7

39 42.2 30.7 46.1

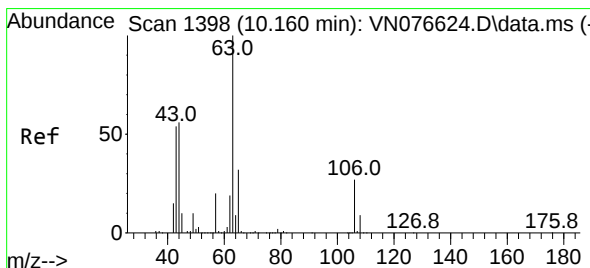
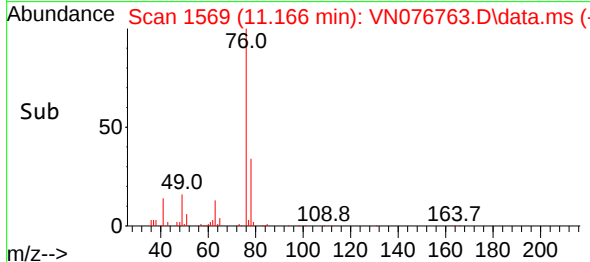
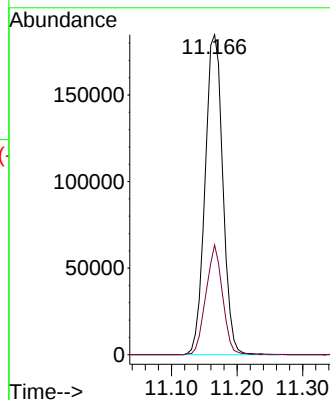
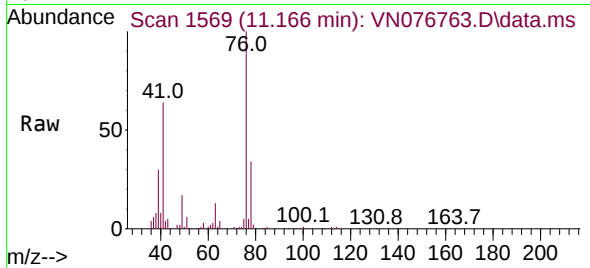




#57
1,3-Dichloropropane
Concen: 57.870 ug/l
RT: 11.166 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VN076763.D
Acq: 22 Feb 2023 11:33

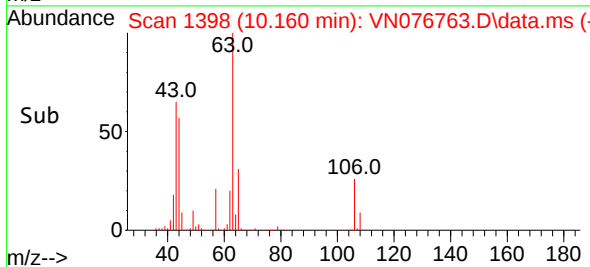
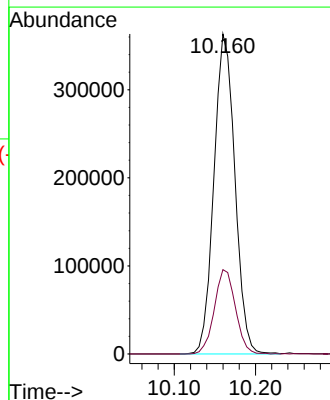
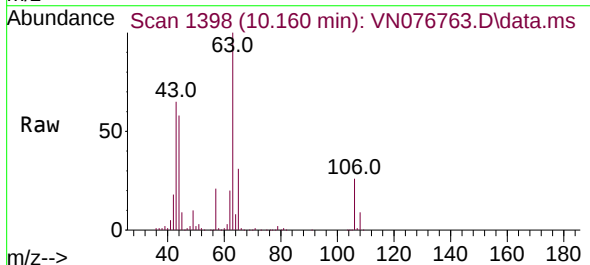
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

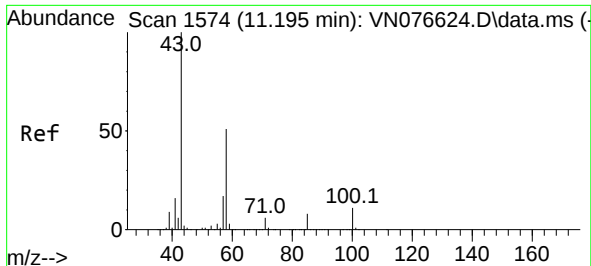
Tgt Ion: 76 Resp: 347477
Ion Ratio Lower Upper
76 100
78 32.2 26.1 39.1



#58
2-Chloroethyl Vinyl ether
Concen: 289.542 ug/l
RT: 10.160 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VN076763.D
Acq: 22 Feb 2023 11:33

Tgt Ion: 63 Resp: 652326
Ion Ratio Lower Upper
63 100
106 26.5 22.3 33.5

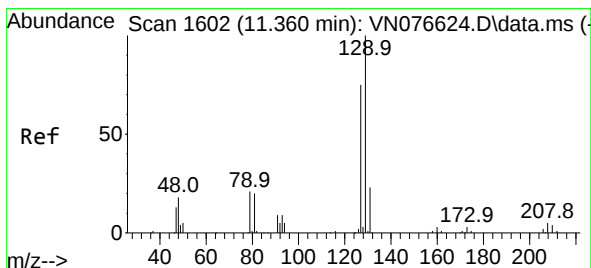
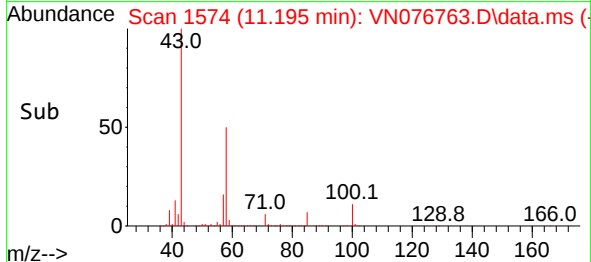
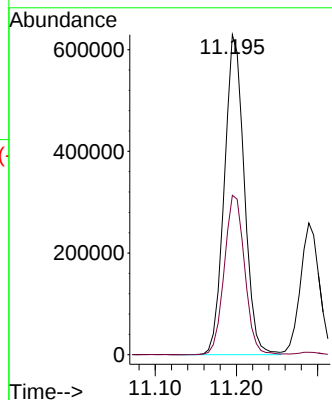
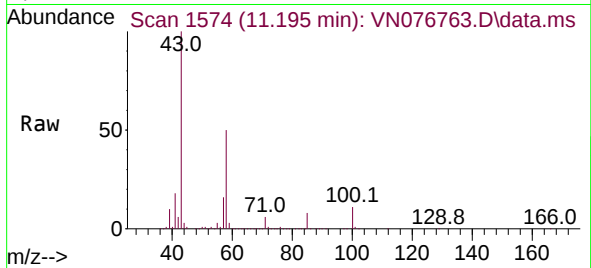




#59
2-Hexanone
Concen: 294.365 ug/l
RT: 11.195 min Scan# 1574
Delta R.T. 0.000 min
Lab File: VN076763.D
Acq: 22 Feb 2023 11:33

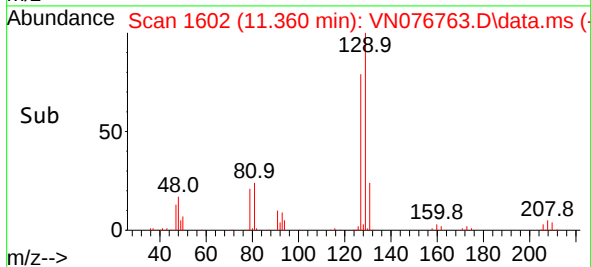
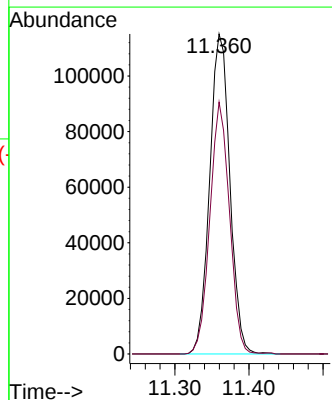
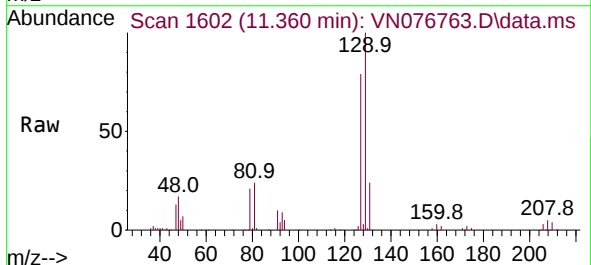
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

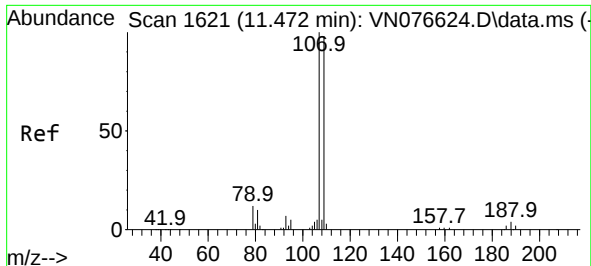
Tgt Ion: 43 Resp: 1071772
Ion Ratio Lower Upper
43 100
58 51.1 25.4 76.0



#60
Dibromochloromethane
Concen: 59.159 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN076763.D
Acq: 22 Feb 2023 11:33

Tgt Ion: 129 Resp: 217905
Ion Ratio Lower Upper
129 100
127 76.2 38.8 116.4

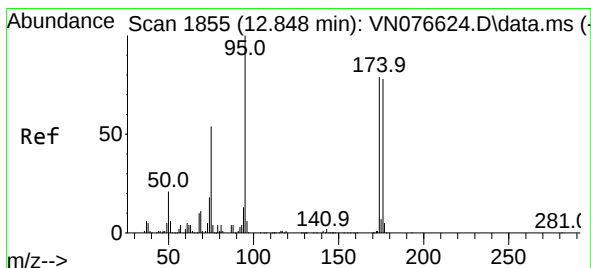
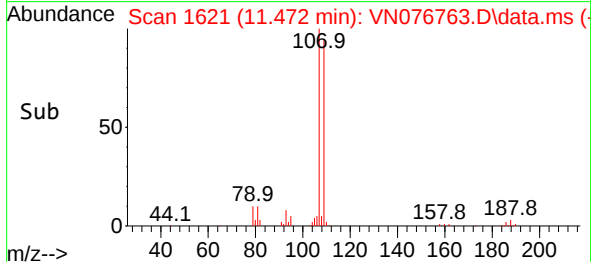
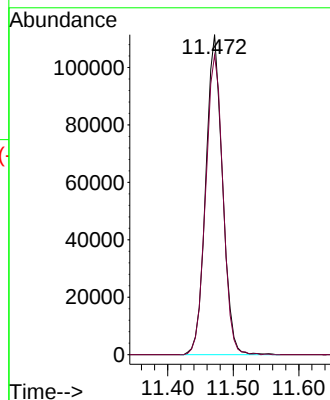
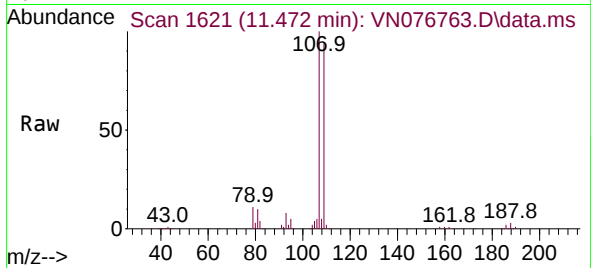




#61
1,2-Dibromoethane
Concen: 56.582 ug/l
RT: 11.472 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN076763.D
Acq: 22 Feb 2023 11:33

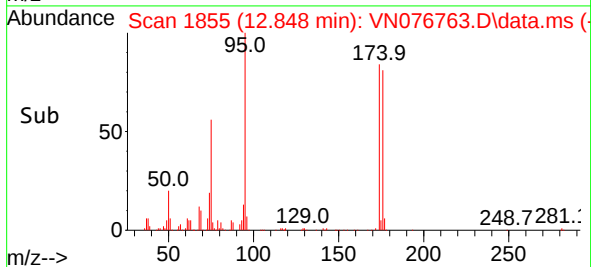
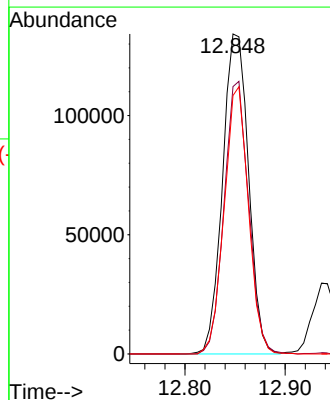
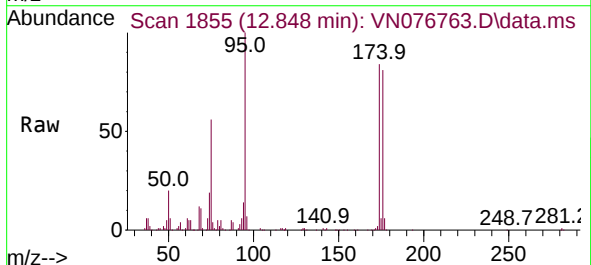
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

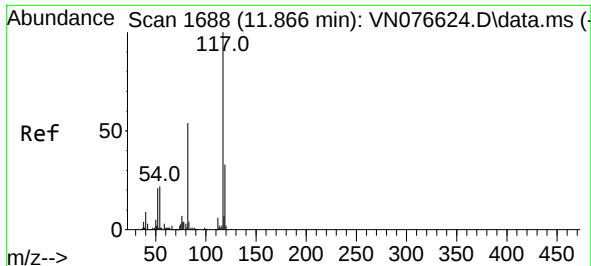
Tgt Ion:107 Resp: 197936
Ion Ratio Lower Upper
107 100
109 96.7 76.8 115.2



#62
4-Bromofluorobenzene
Concen: 60.876 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VN076763.D
Acq: 22 Feb 2023 11:33

Tgt Ion: 95 Resp: 241589
Ion Ratio Lower Upper
95 100
174 80.4 0.0 169.2
176 78.0 0.0 163.4

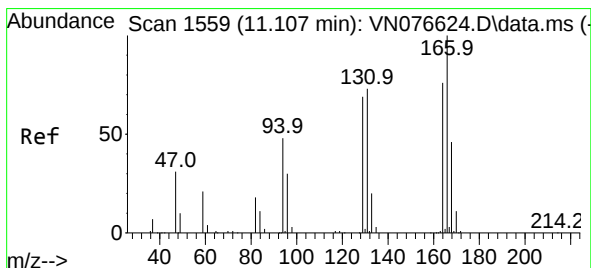
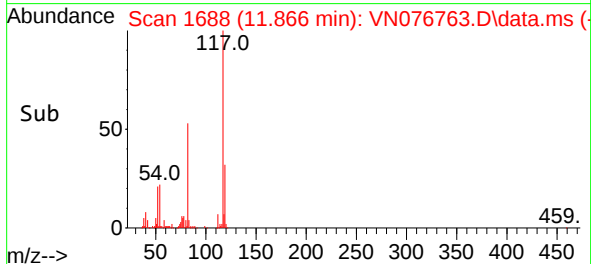
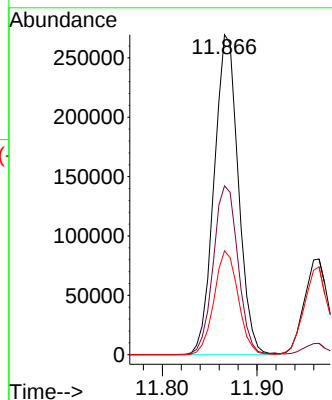
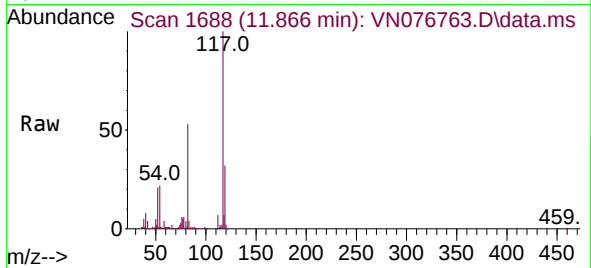




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN076763.D
Acq: 22 Feb 2023 11:33

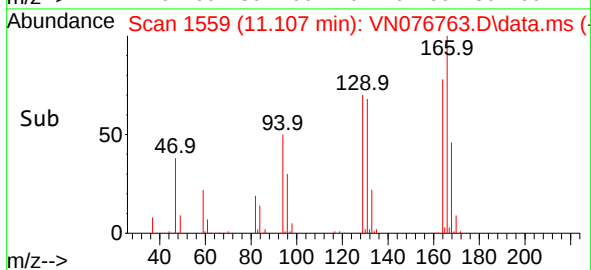
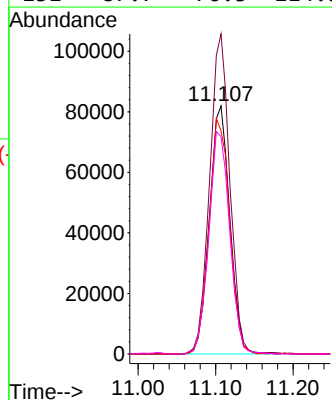
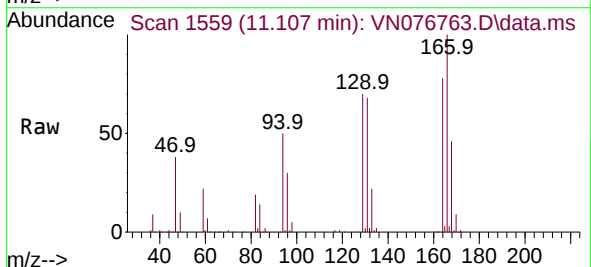
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

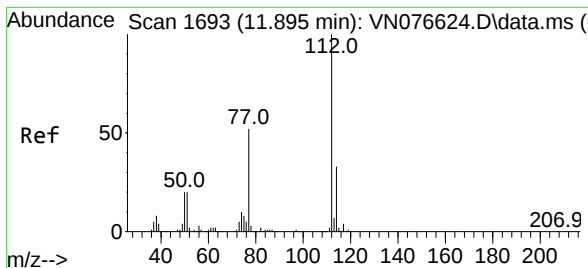
Tgt Ion:117 Resp: 479155
Ion Ratio Lower Upper
117 100
82 52.6 43.4 65.2
119 32.4 26.1 39.1



#64
Tetrachloroethene
Concen: 49.862 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN076763.D
Acq: 22 Feb 2023 11:33

Tgt Ion:164 Resp: 150564
Ion Ratio Lower Upper
164 100
166 129.0 104.8 157.2
129 90.0 72.2 108.2
131 87.7 76.3 114.5

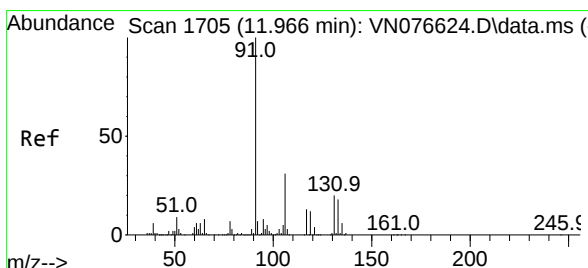
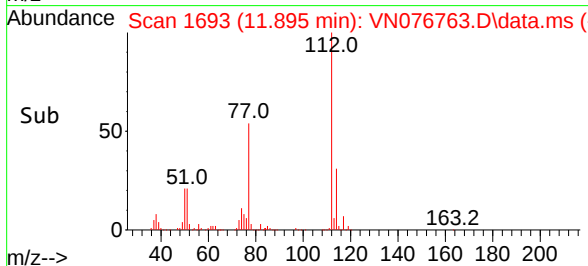
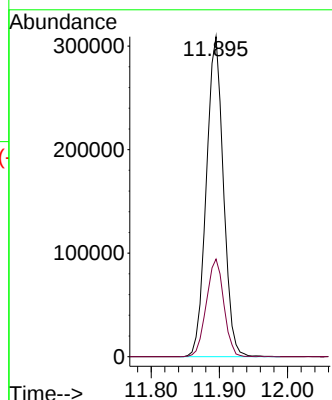
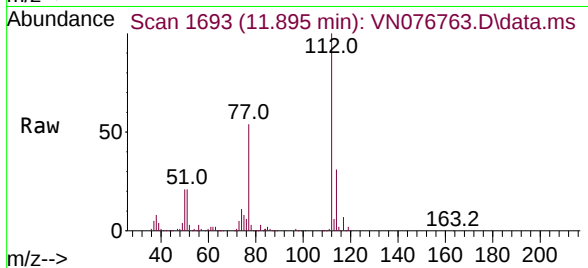




#65
Chlorobenzene
Concen: 52.969 ug/l
RT: 11.895 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VN076763.D
Acq: 22 Feb 2023 11:33

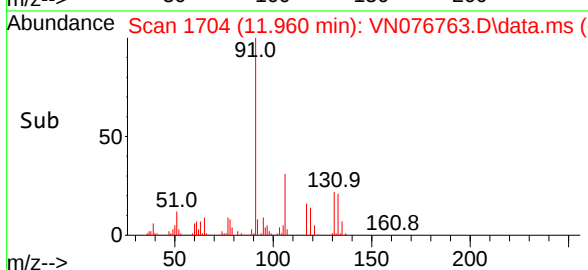
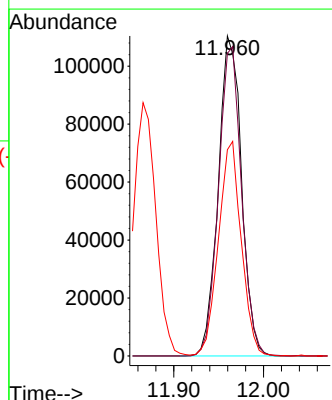
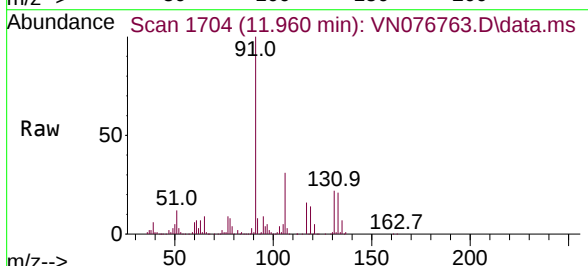
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

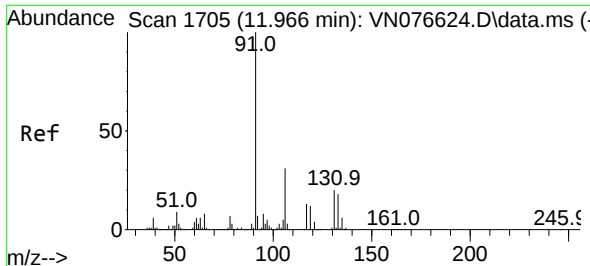
Tgt Ion:112 Resp: 537880
Ion Ratio Lower Upper
112 100
114 30.5 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 53.877 ug/l
RT: 11.960 min Scan# 1704
Delta R.T. -0.006 min
Lab File: VN076763.D
Acq: 22 Feb 2023 11:33

Tgt Ion:131 Resp: 198721
Ion Ratio Lower Upper
131 100
133 95.6 47.0 141.0
119 66.0 32.3 96.8

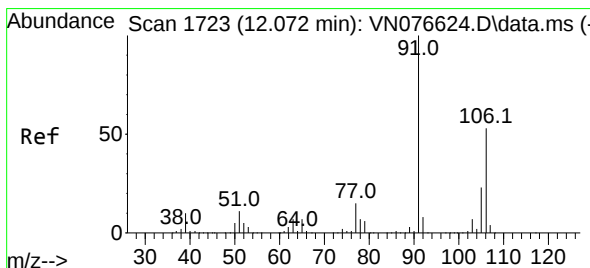
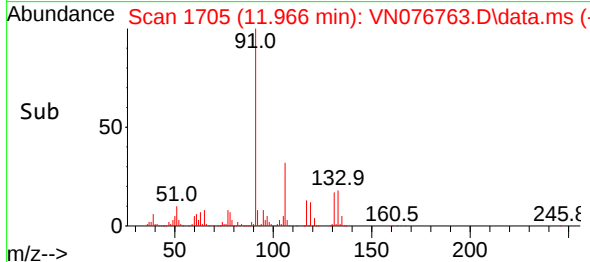
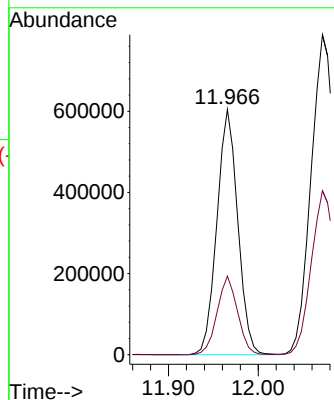
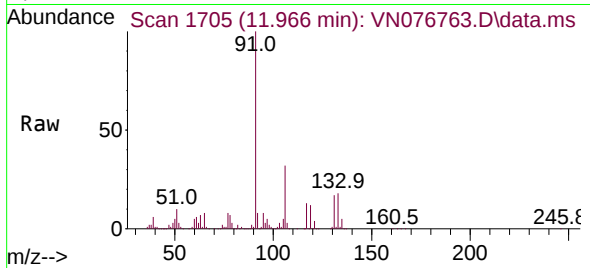




#67
Ethyl Benzene
Concen: 56.402 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN076763.D
Acq: 22 Feb 2023 11:33

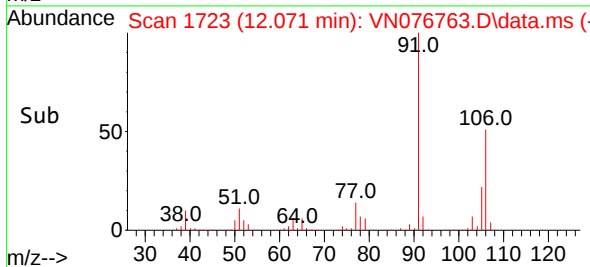
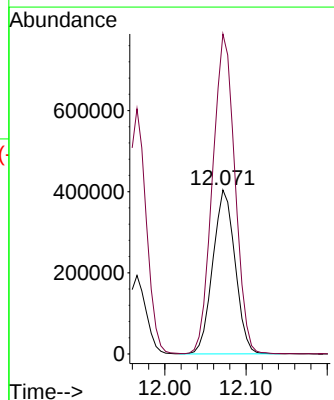
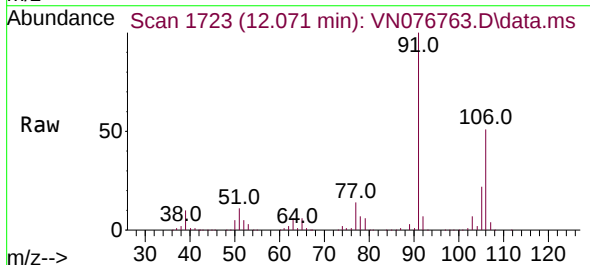
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

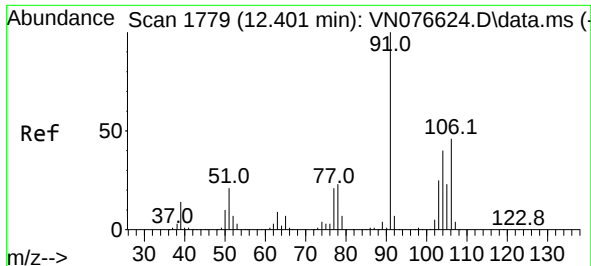
Tgt Ion: 91 Resp: 975766
Ion Ratio Lower Upper
91 100
106 32.0 25.1 37.7



#68
m/p-Xylenes
Concen: 115.568 ug/l
RT: 12.071 min Scan# 1723
Delta R.T. -0.001 min
Lab File: VN076763.D
Acq: 22 Feb 2023 11:33

Tgt Ion: 106 Resp: 770656
Ion Ratio Lower Upper
106 100
91 196.4 154.7 232.1

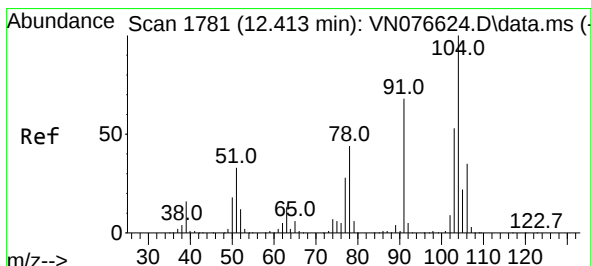
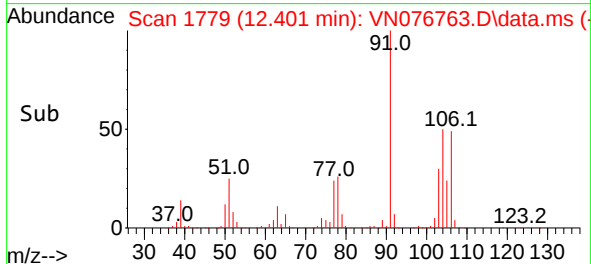
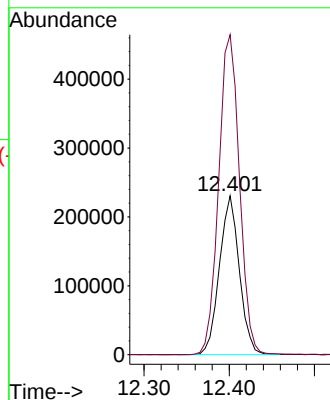
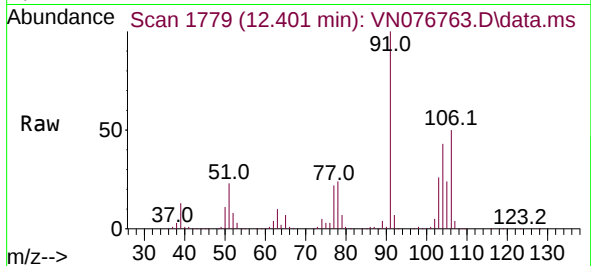




#69
o-Xylene
Concen: 57.625 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN076763.D
Acq: 22 Feb 2023 11:33

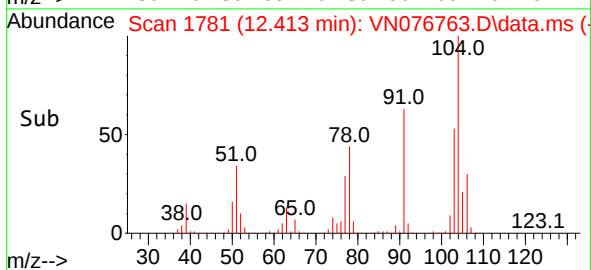
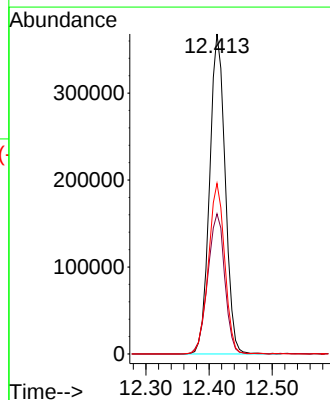
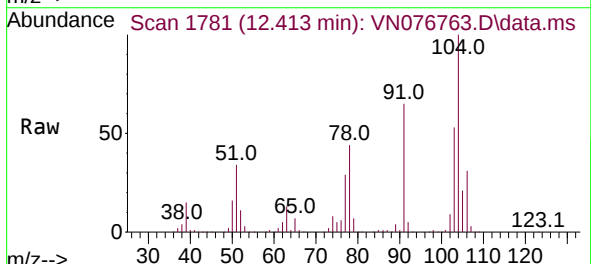
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

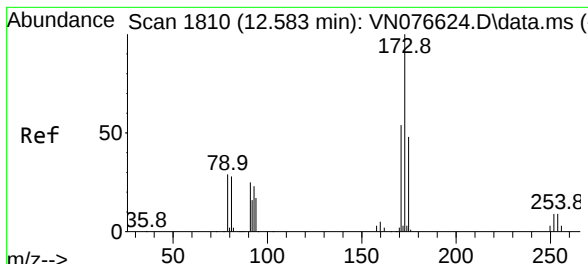
Tgt Ion:106 Resp: 374771
Ion Ratio Lower Upper
106 100
91 211.1 105.8 317.4



#70
Styrene
Concen: 60.108 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VN076763.D
Acq: 22 Feb 2023 11:33

Tgt Ion:104 Resp: 632142
Ion Ratio Lower Upper
104 100
78 47.5 38.2 57.4
103 55.6 44.2 66.4

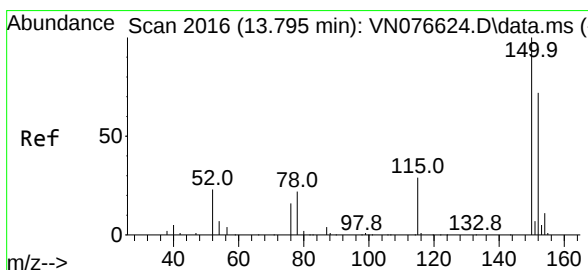
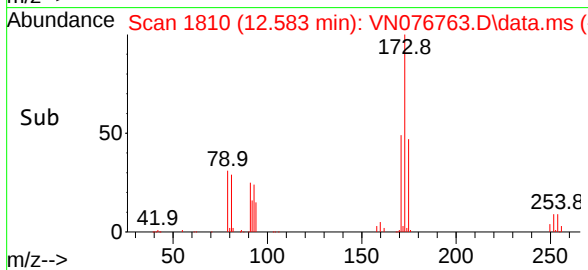
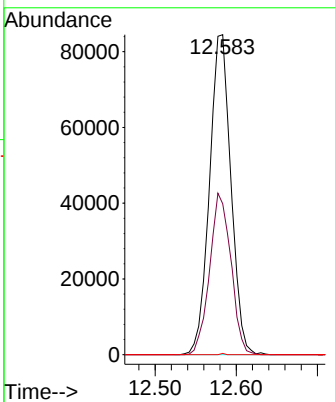
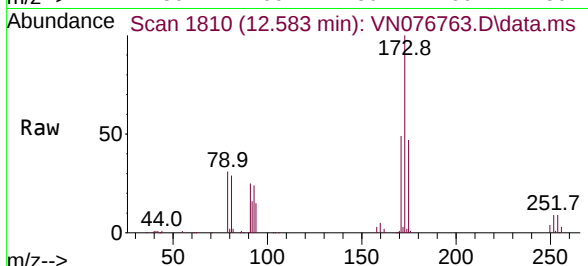




#71
 Bromoform
 Concen: 57.346 ug/l
 RT: 12.583 min Scan# 1810
 Delta R.T. 0.000 min
 Lab File: VN076763.D
 Acq: 22 Feb 2023 11:33

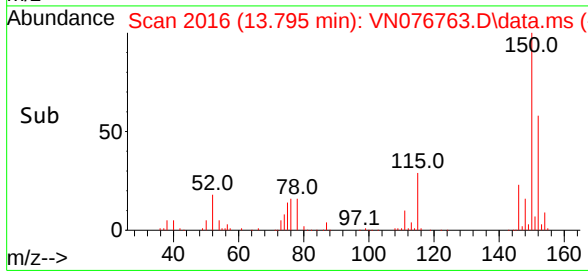
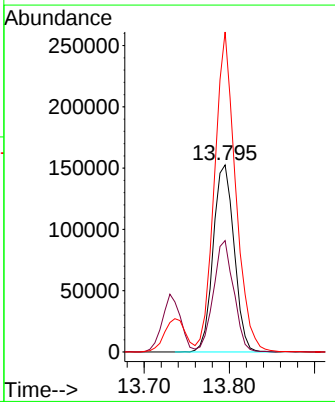
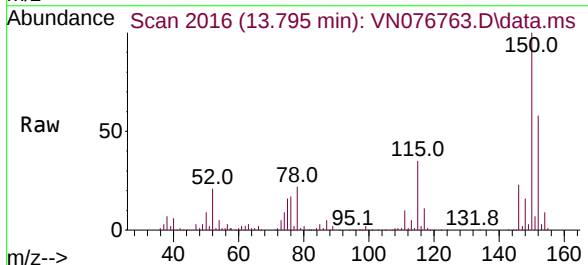
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

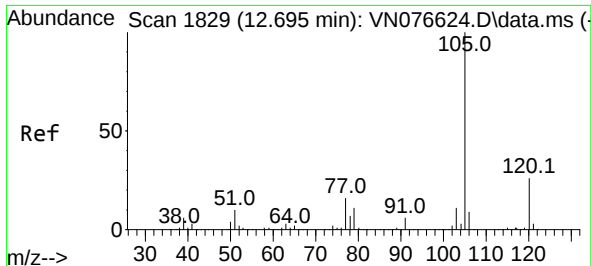
Tgt Ion:	173	Resp:	155150
Ion Ratio	Lower	Upper	
173	100		
175	50.1	24.9	74.7
254	0.1	0.1	0.1



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.795 min Scan# 2016
 Delta R.T. -0.000 min
 Lab File: VN076763.D
 Acq: 22 Feb 2023 11:33

Tgt Ion:	152	Resp:	260348
Ion Ratio	Lower	Upper	
152	100		
115	57.7	29.3	87.9
150	172.7	0.0	349.8

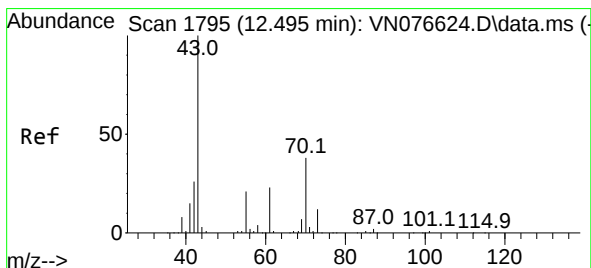
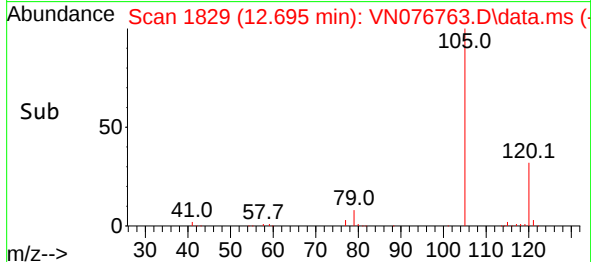
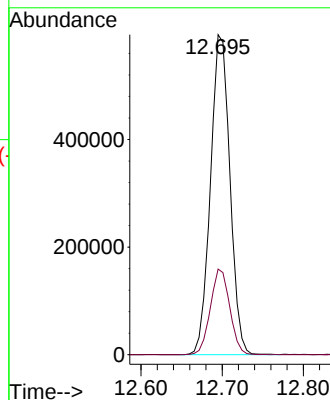
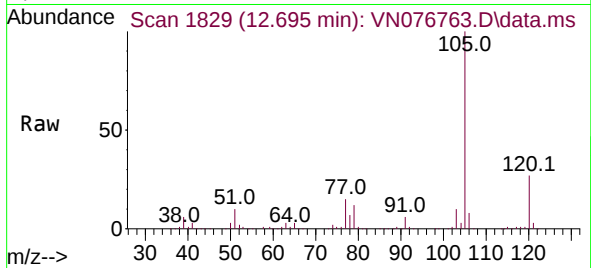




#73
Isopropylbenzene
Concen: 51.849 ug/l
RT: 12.695 min Scan# 1829
Delta R.T. -0.000 min
Lab File: VN076763.D
Acq: 22 Feb 2023 11:33

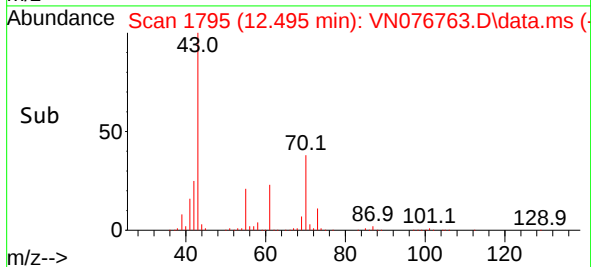
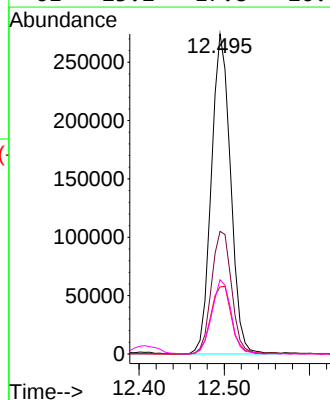
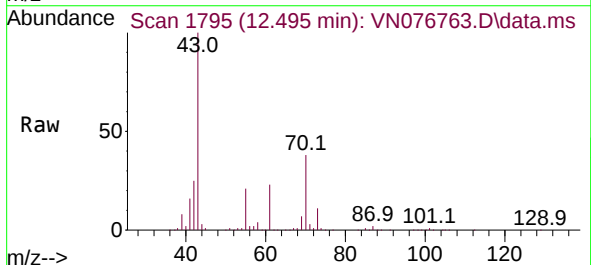
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

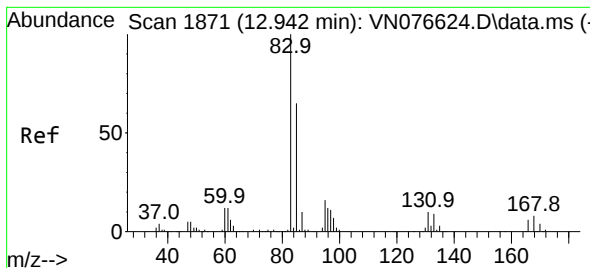
Tgt Ion:105 Resp: 989410
Ion Ratio Lower Upper
105 100
120 26.7 13.7 41.0



#74
N-ethyl acetate
Concen: 49.955 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VN076763.D
Acq: 22 Feb 2023 11:33

Tgt Ion: 43 Resp: 429682
Ion Ratio Lower Upper
43 100
70 40.3 30.5 45.7
55 22.9 17.8 26.8
61 23.2 17.8 26.8

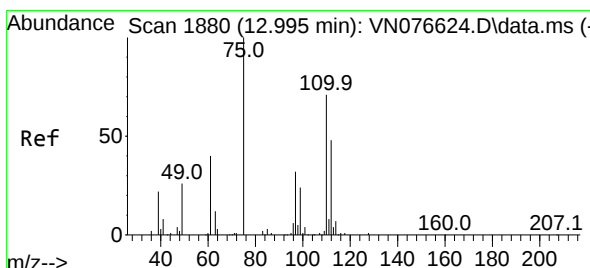
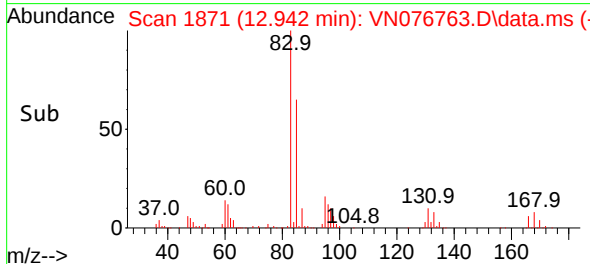
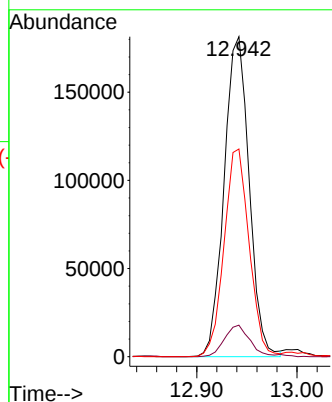
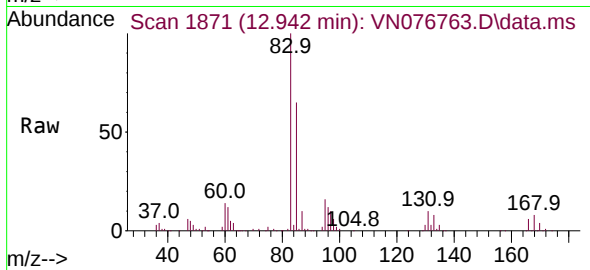




#75
1,1,2,2-Tetrachloroethane
Concen: 45.548 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN076763.D
Acq: 22 Feb 2023 11:33

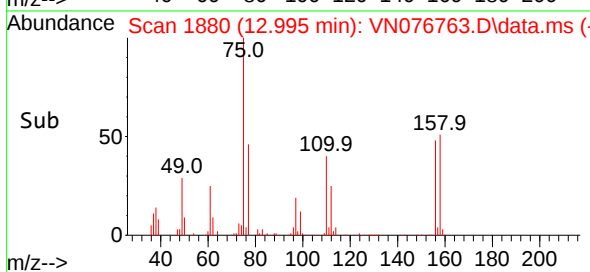
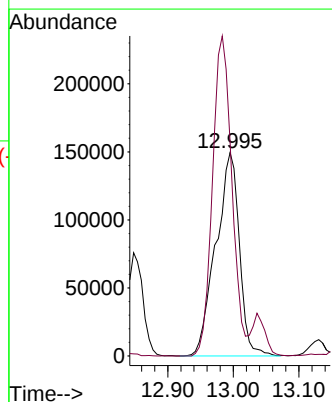
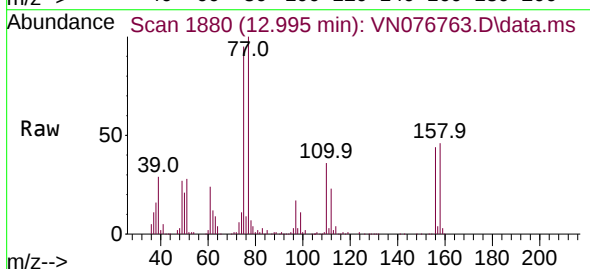
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

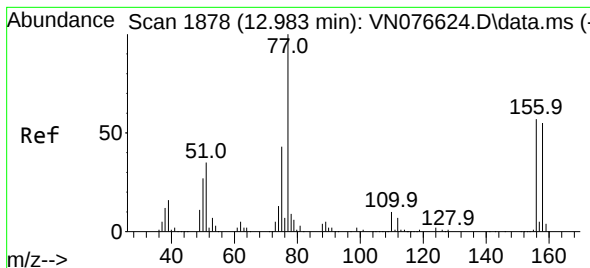
Tgt Ion: 83 Resp: 314618
Ion Ratio Lower Upper
83 100
131 10.2 5.0 15.0
85 65.1 31.8 95.3



#76
1,2,3-Trichloropropane
Concen: 70.515 ug/l
RT: 12.995 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN076763.D
Acq: 22 Feb 2023 11:33

Tgt Ion: 75 Resp: 371153
Ion Ratio Lower Upper
75 100
77 129.2 93.1 279.3





#77

Bromobenzene

Concen: 47.765 ug/l

RT: 12.983 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VN076763.D

Acq: 22 Feb 2023 11:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

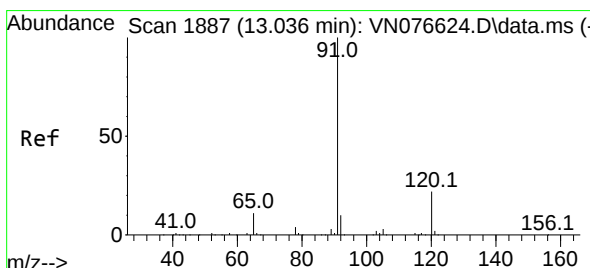
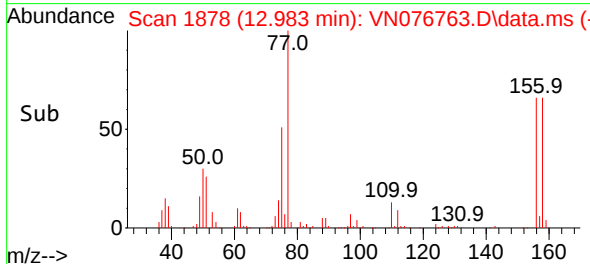
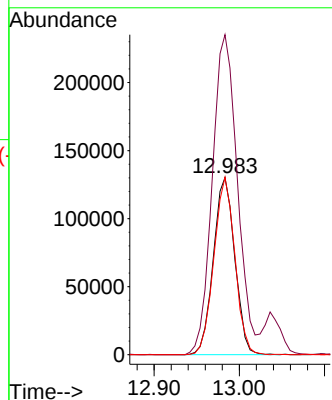
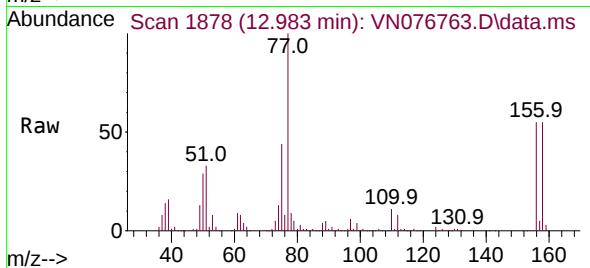
Tgt Ion:156 Resp: 227411

Ion Ratio Lower Upper

156 100

77 210.8 102.8 308.4

158 97.9 48.9 146.6



#78

n-propylbenzene

Concen: 53.167 ug/l

RT: 13.036 min Scan# 1887

Delta R.T. 0.000 min

Lab File: VN076763.D

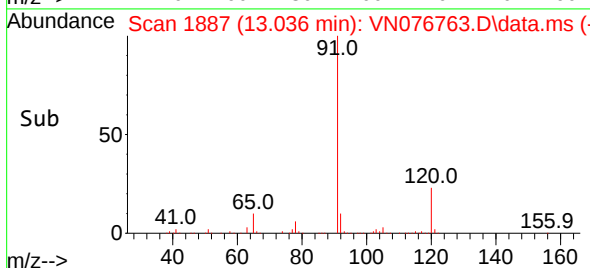
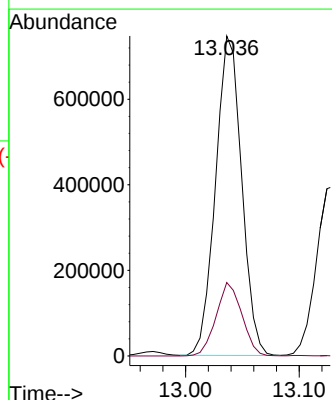
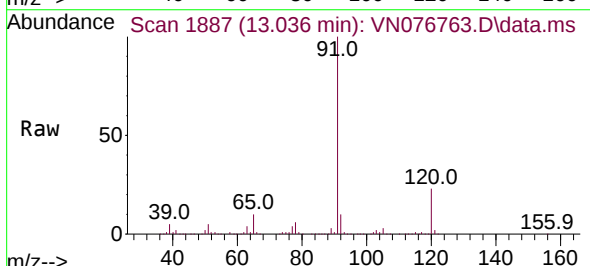
Acq: 22 Feb 2023 11:33

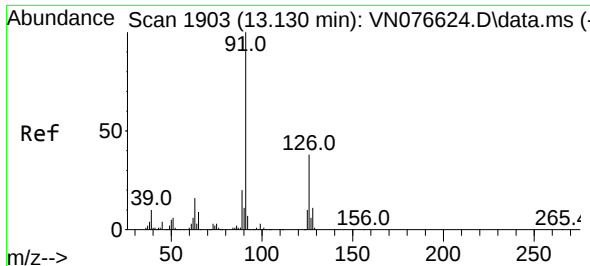
Tgt Ion: 91 Resp: 1191361

Ion Ratio Lower Upper

91 100

120 22.7 11.5 34.5

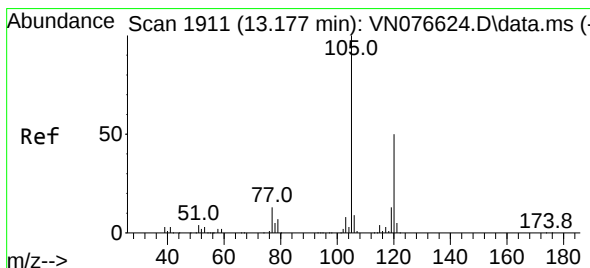
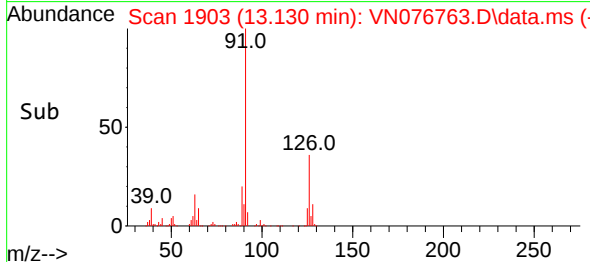
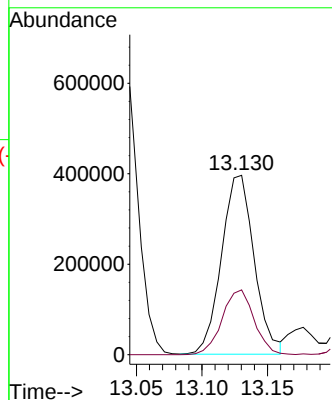
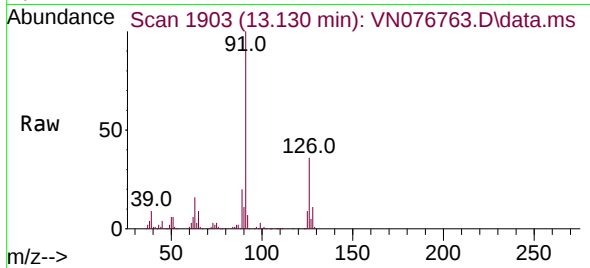




#79
2-Chlorotoluene
Concen: 50.074 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VN076763.D
Acq: 22 Feb 2023 11:33

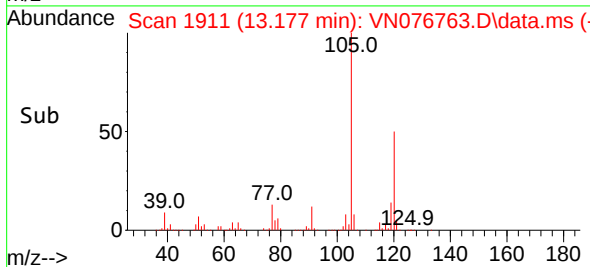
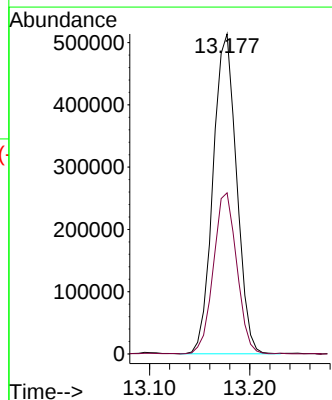
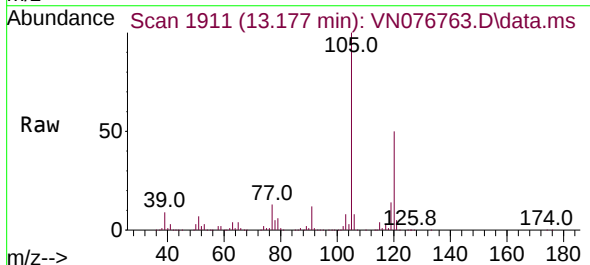
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

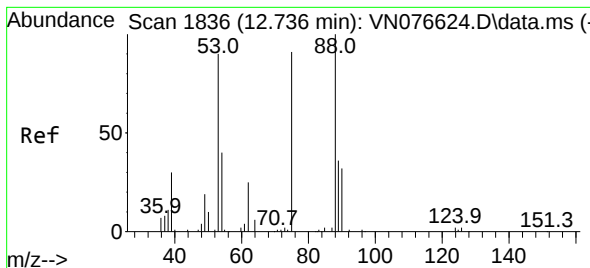
Tgt Ion: 91 Resp: 687018
Ion Ratio Lower Upper
91 100
126 35.4 17.7 53.1



#80
1,3,5-Trimethylbenzene
Concen: 52.951 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN076763.D
Acq: 22 Feb 2023 11:33

Tgt Ion:105 Resp: 835069
Ion Ratio Lower Upper
105 100
120 50.0 25.1 75.4

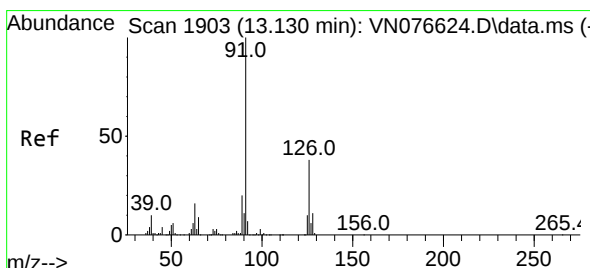
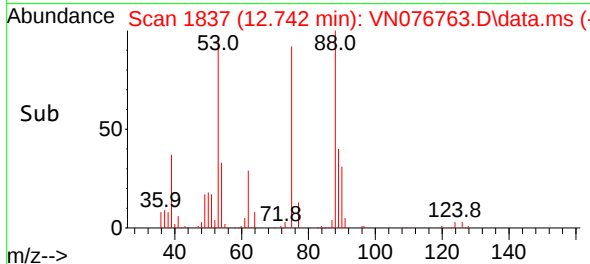
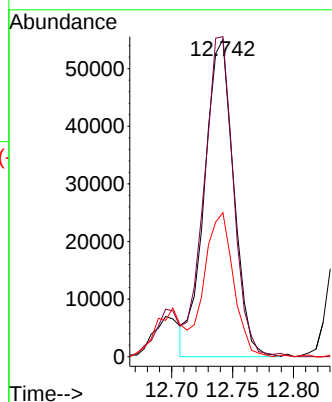
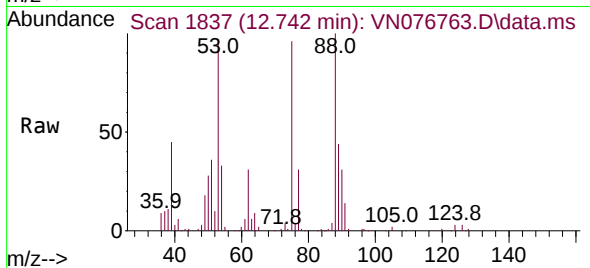




#81
trans-1,4-Dichloro-2-butene
Concen: 50.970 ug/l
RT: 12.742 min Scan# 1837
Delta R.T. 0.006 min
Lab File: VN076763.D
Acq: 22 Feb 2023 11:33

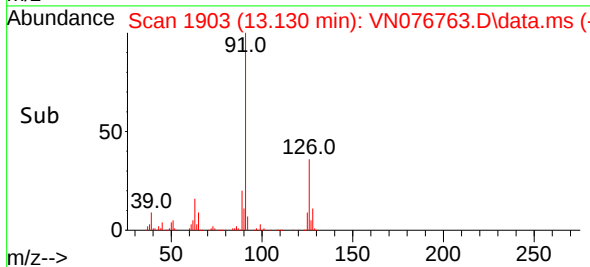
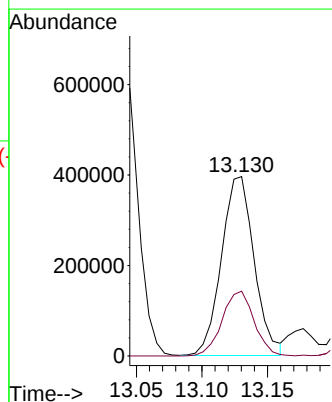
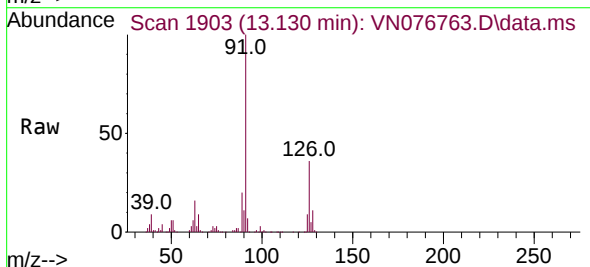
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

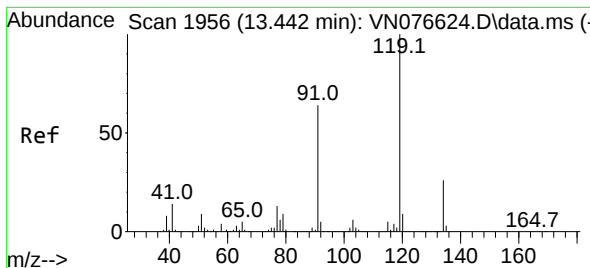
Tgt Ion: 75 Resp: 92111
Ion Ratio Lower Upper
75 100
53 101.9 92.1 138.1
89 44.8 37.5 56.3



#82
4-Chlorotoluene
Concen: 50.074 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VN076763.D
Acq: 22 Feb 2023 11:33

Tgt Ion: 91 Resp: 687018
Ion Ratio Lower Upper
91 100
126 35.4 17.7 53.1





#83

tert-Butylbenzene

Concen: 52.024 ug/l

RT: 13.442 min Scan# 1956

Delta R.T. -0.000 min

Lab File: VN076763.D

Acq: 22 Feb 2023 11:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

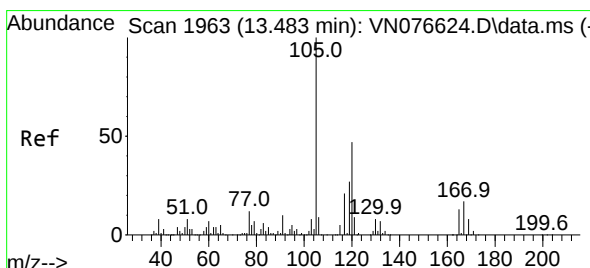
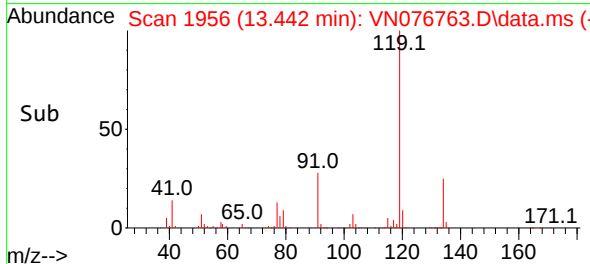
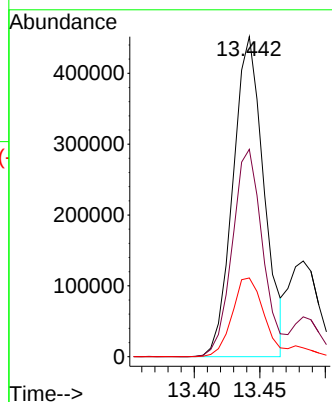
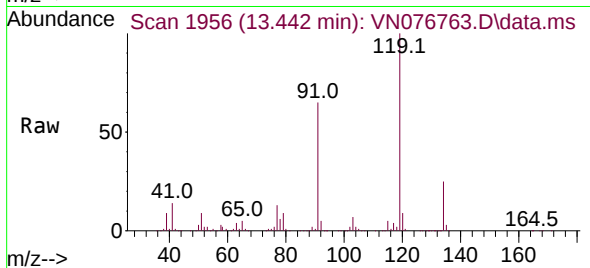
Tgt Ion:119 Resp: 742212

Ion Ratio Lower Upper

119 100

91 64.8 32.0 96.2

134 25.5 13.8 41.4



#84

1,2,4-Trimethylbenzene

Concen: 53.956 ug/l

RT: 13.483 min Scan# 1963

Delta R.T. 0.000 min

Lab File: VN076763.D

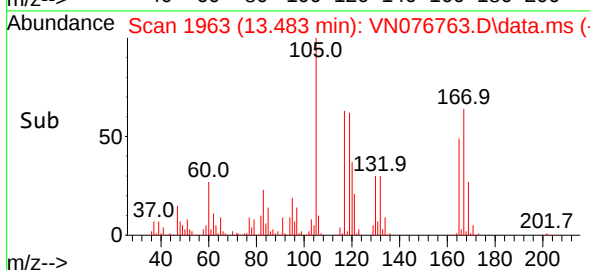
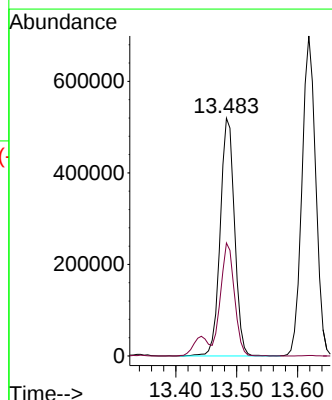
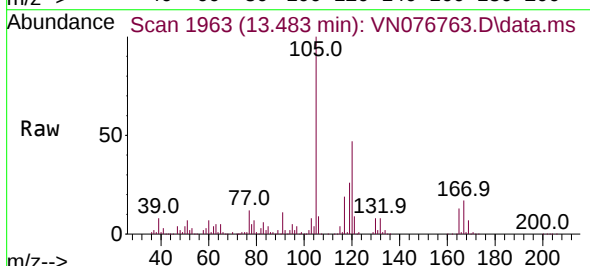
Acq: 22 Feb 2023 11:33

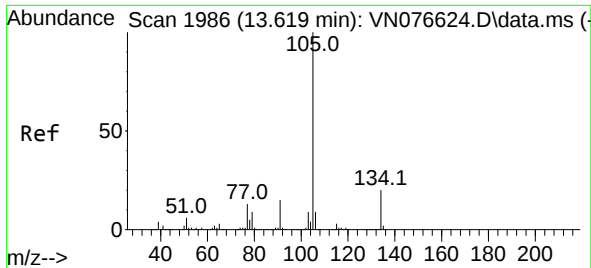
Tgt Ion:105 Resp: 848037

Ion Ratio Lower Upper

105 100

120 45.6 23.0 69.0

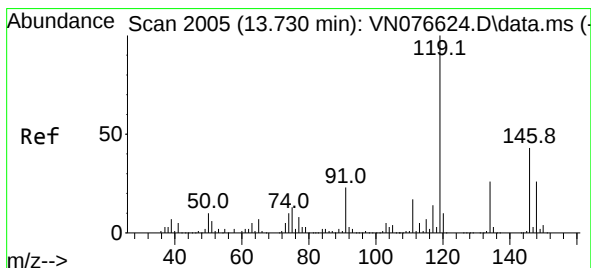
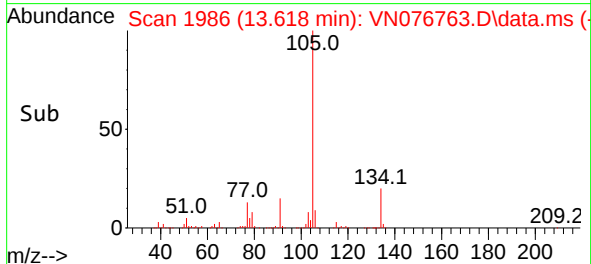
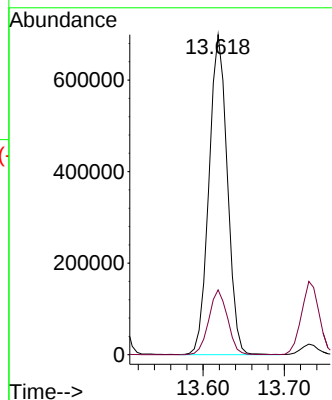
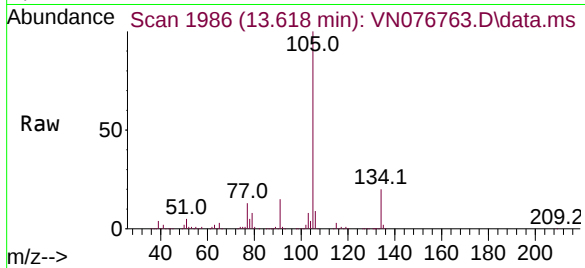




#85
 sec-Butylbenzene
 Concen: 55.081 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. -0.001 min
 Lab File: VN076763.D
 Acq: 22 Feb 2023 11:33

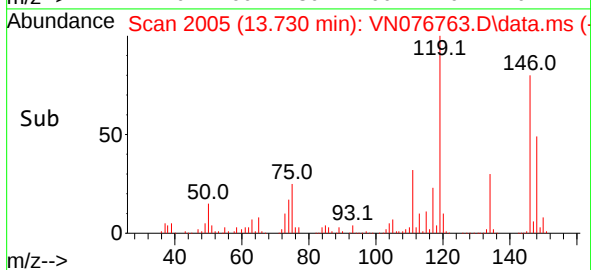
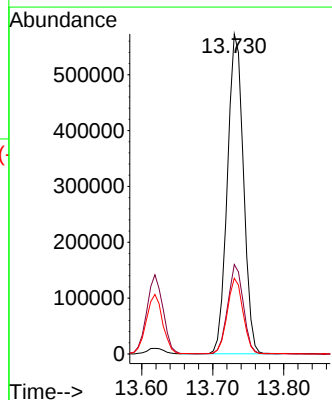
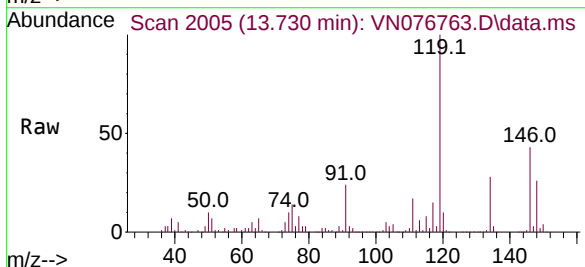
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

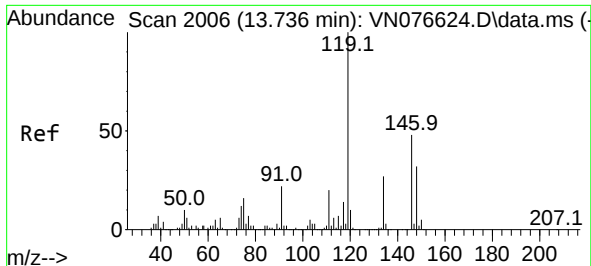
Tgt Ion:105 Resp: 1097131
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.5 31.5



#86
 p-Isopropyltoluene
 Concen: 56.554 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. 0.000 min
 Lab File: VN076763.D
 Acq: 22 Feb 2023 11:33

Tgt Ion:119 Resp: 899519
 Ion Ratio Lower Upper
 119 100
 134 27.1 13.4 40.1
 91 23.2 11.7 35.0

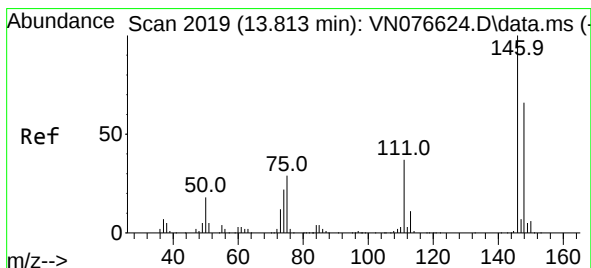
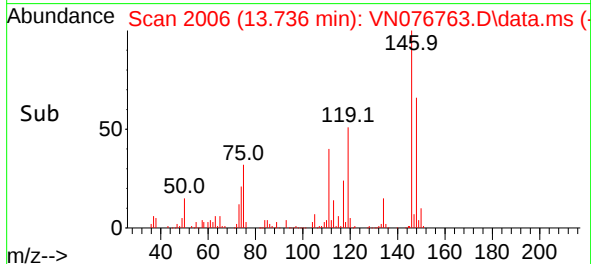
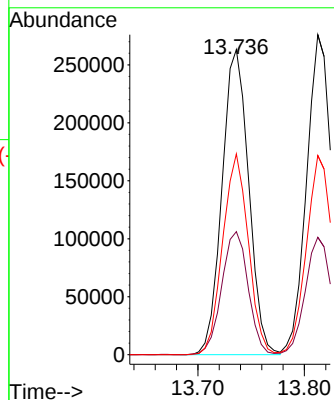
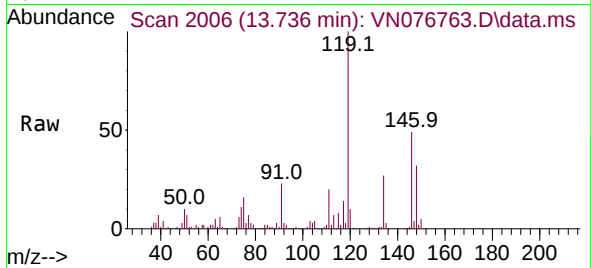




#87
 1,3-Dichlorobenzene
 Concen: 50.831 ug/l
 RT: 13.736 min Scan# 2006
 Delta R.T. 0.000 min
 Lab File: VN076763.D
 Acq: 22 Feb 2023 11:33

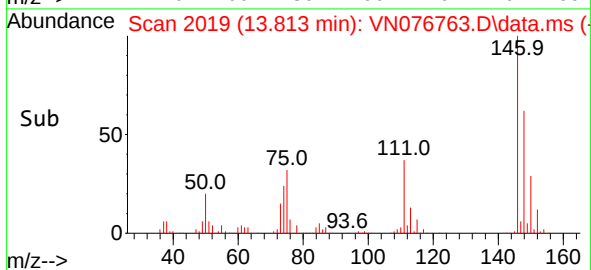
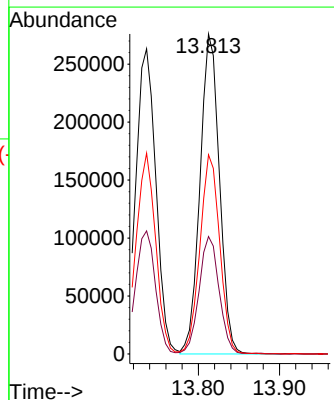
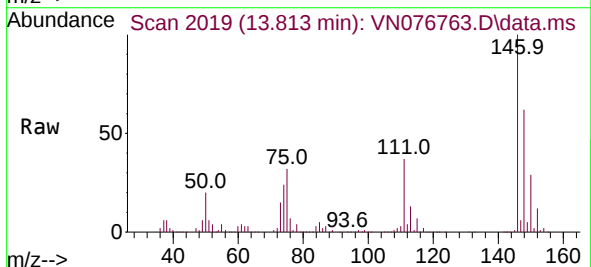
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

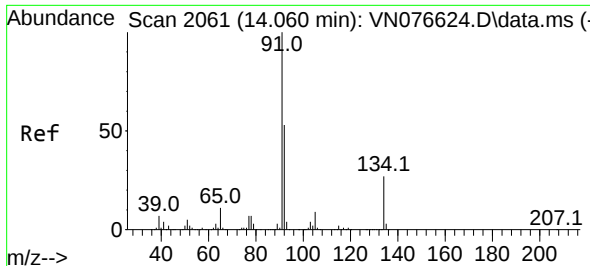
Tgt Ion:146 Resp: 457474
 Ion Ratio Lower Upper
 146 100
 111 40.0 19.8 59.4
 148 63.2 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 51.231 ug/l
 RT: 13.813 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VN076763.D
 Acq: 22 Feb 2023 11:33

Tgt Ion:146 Resp: 459146
 Ion Ratio Lower Upper
 146 100
 111 37.6 19.4 58.1
 148 63.6 32.7 98.1

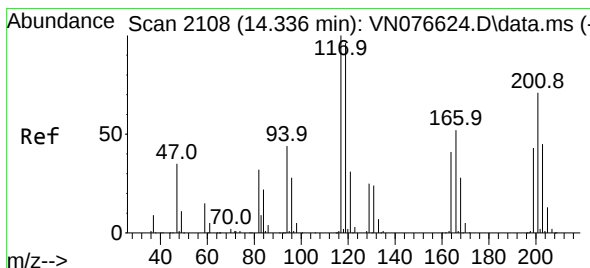
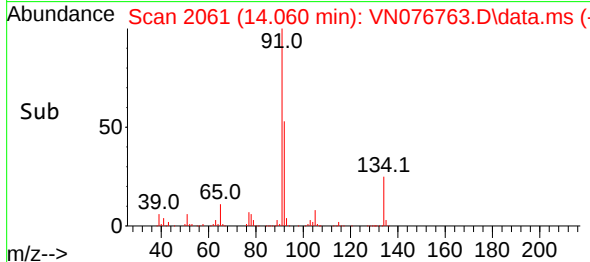
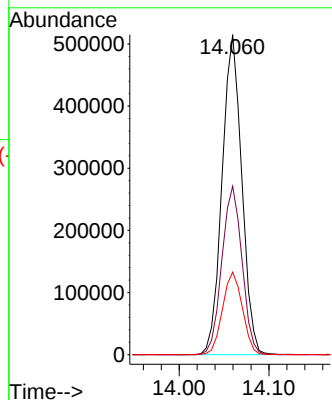
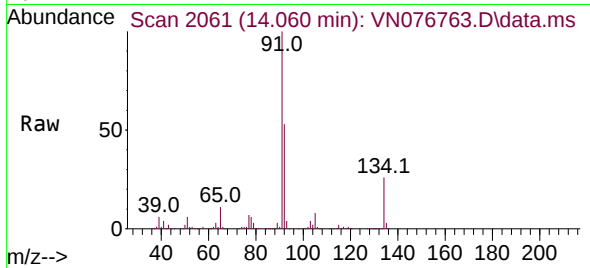




#89
n-Butylbenzene
Concen: 56.752 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VN076763.D
Acq: 22 Feb 2023 11:33

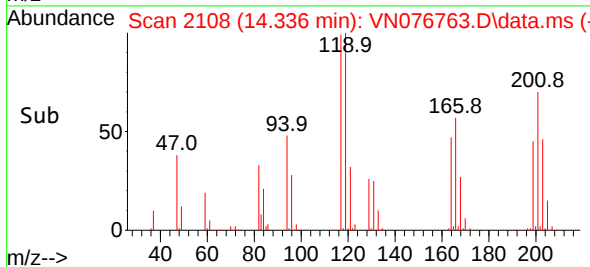
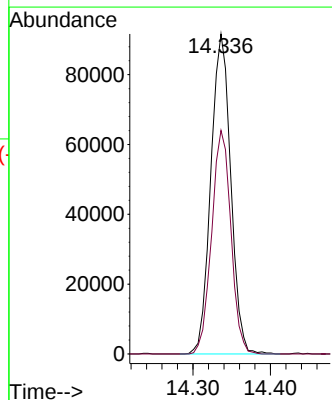
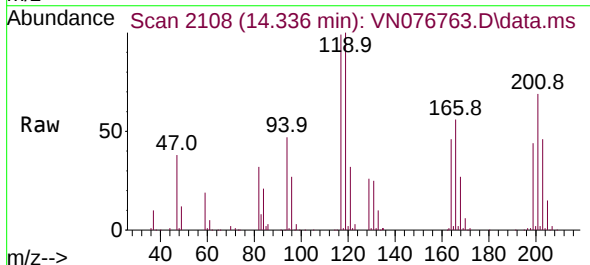
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

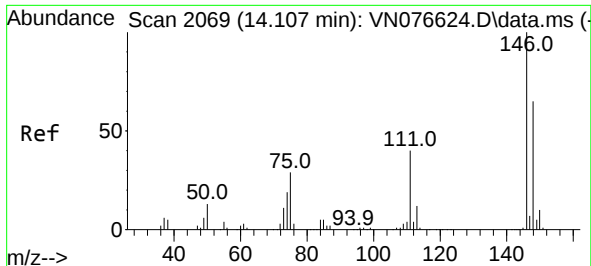
Tgt Ion: 91 Resp: 785091
Ion Ratio Lower Upper
91 100
92 53.7 26.4 79.0
134 26.0 13.2 39.5



#90
Hexachloroethane
Concen: 49.131 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VN076763.D
Acq: 22 Feb 2023 11:33

Tgt Ion: 117 Resp: 163621
Ion Ratio Lower Upper
117 100
201 67.7 35.5 106.7

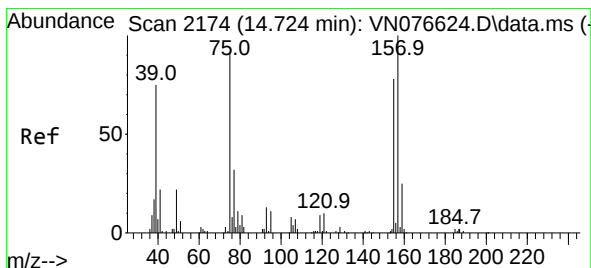
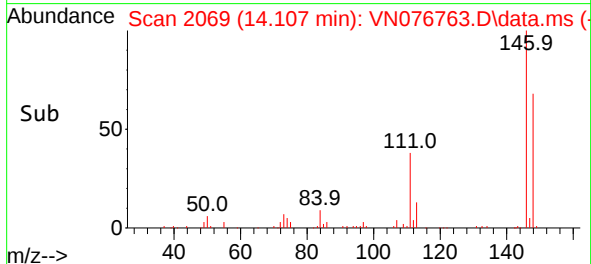
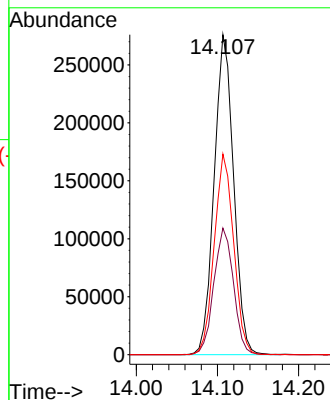
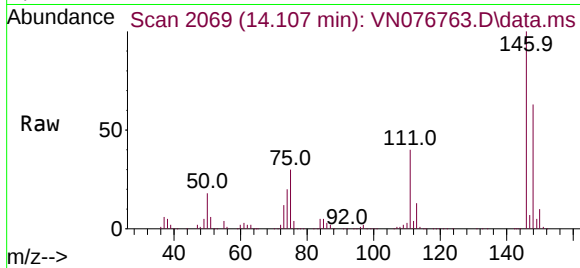




#91
1,2-Dichlorobenzene
Concen: 49.860 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. -0.000 min
Lab File: VN076763.D
Acq: 22 Feb 2023 11:33

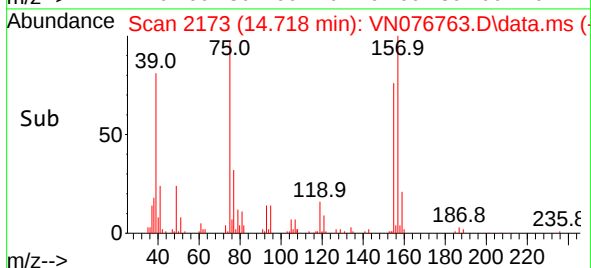
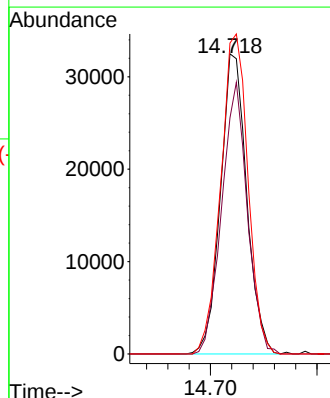
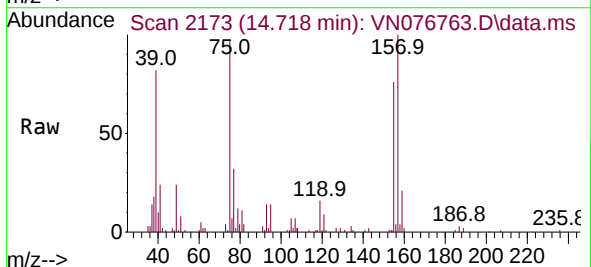
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

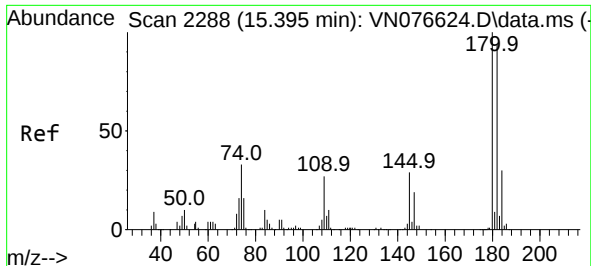
Tgt Ion:146 Resp: 460033
Ion Ratio Lower Upper
146 100
111 40.0 20.0 59.9
148 62.8 32.4 97.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 41.520 ug/l
RT: 14.718 min Scan# 2173
Delta R.T. -0.006 min
Lab File: VN076763.D
Acq: 22 Feb 2023 11:33

Tgt Ion: 75 Resp: 55563
Ion Ratio Lower Upper
75 100
155 88.2 43.4 130.2
157 110.6 55.2 165.6

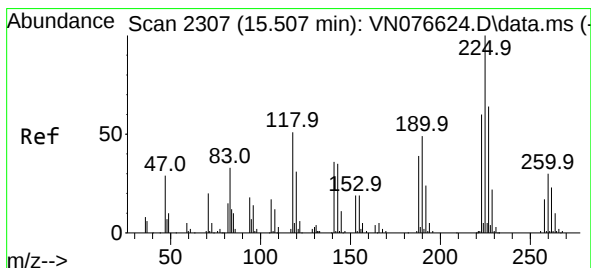
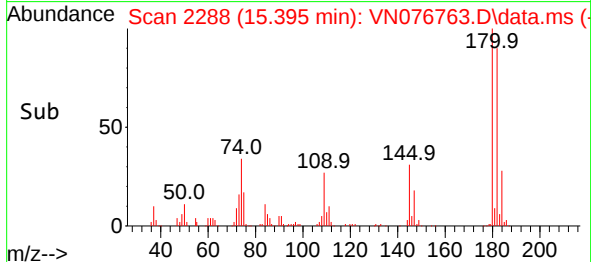
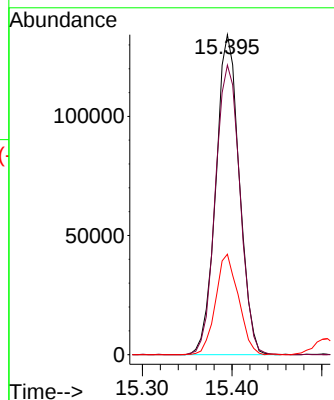
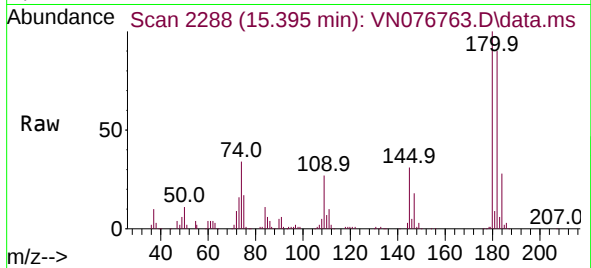




#93
1,2,4-Trichlorobenzene
Concen: 52.991 ug/l
RT: 15.395 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN076763.D
Acq: 22 Feb 2023 11:33

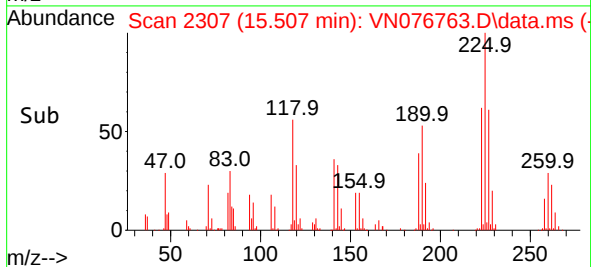
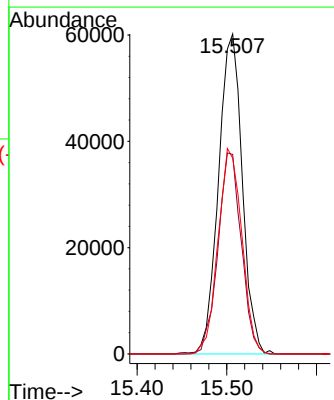
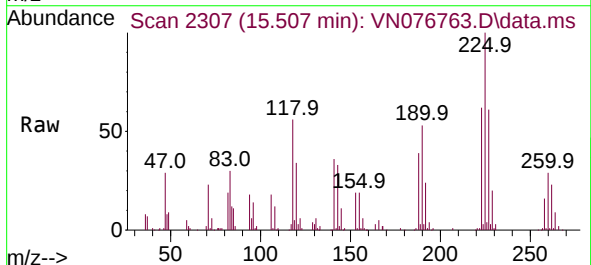
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

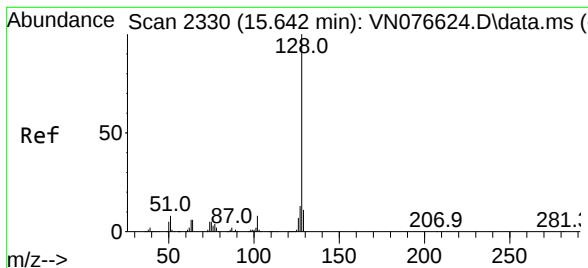
Tgt Ion:180 Resp: 243885
Ion Ratio Lower Upper
180 100
182 94.8 48.0 144.0
145 30.8 15.2 45.6



#94
Hexachlorobutadiene
Concen: 48.996 ug/l
RT: 15.507 min Scan# 2307
Delta R.T. -0.000 min
Lab File: VN076763.D
Acq: 22 Feb 2023 11:33

Tgt Ion:225 Resp: 110519
Ion Ratio Lower Upper
225 100
223 61.9 31.6 95.0
227 64.3 31.3 93.9





#95

Naphthalene

Concen: 54.726 ug/l

RT: 15.642 min Scan# 2330

Delta R.T. -0.000 min

Lab File: VN076763.D

Acq: 22 Feb 2023 11:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

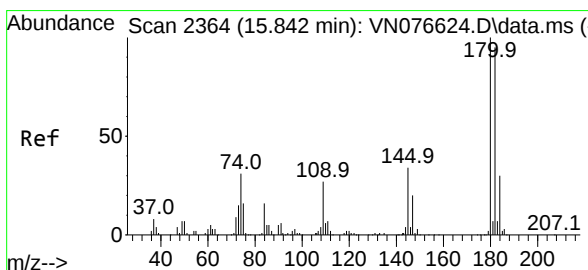
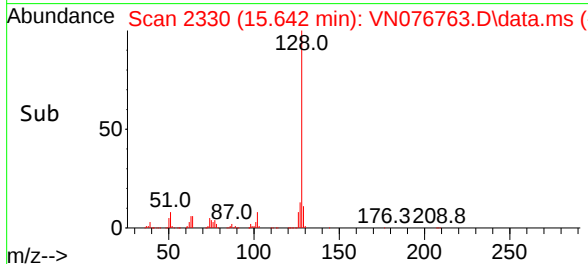
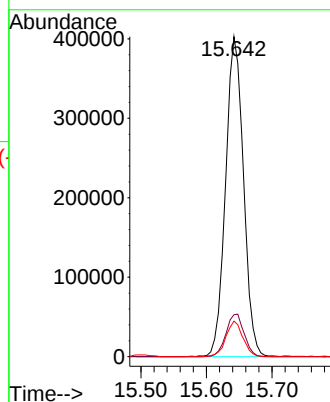
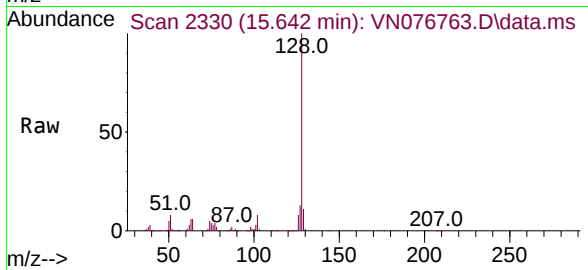
Tgt Ion:128 Resp: 764320

Ion Ratio Lower Upper

128 100

127 13.5 10.6 16.0

129 10.6 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 53.697 ug/l

RT: 15.842 min Scan# 2364

Delta R.T. -0.000 min

Lab File: VN076763.D

Acq: 22 Feb 2023 11:33

Tgt Ion:180 Resp: 239428

Ion Ratio Lower Upper

180 100

182 93.6 46.7 140.1

145 31.8 16.0 47.9

