

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020623\
 Data File : VN076535.D
 Acq On : 06 Feb 2023 10:58
 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 07 04:40:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 07 01:44:01 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	540608	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	888436	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	801785	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	377686	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	295759	45.947	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	91.900%
35) Dibromofluoromethane	8.171	113	267853	48.719	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.440%
50) Toluene-d8	10.571	98	996051	47.684	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.360%
62) 4-Bromofluorobenzene	12.853	95	369602	51.052	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.100%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	348353	57.237	ug/l	98
3) Chloromethane	2.371	50	261243	47.546	ug/l	98
4) Vinyl Chloride	2.530	62	255621	56.255	ug/l	99
5) Bromomethane	2.959	94	175073	50.434	ug/l	99
6) Chloroethane	3.130	64	145792	51.361	ug/l	95
7) Trichlorofluoromethane	3.512	101	555195	56.161	ug/l	97
8) Diethyl Ether	3.977	74	196065	54.538	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.383	101	317733	55.135	ug/l	98
10) Methyl Iodide	4.600	142	475765	56.001	ug/l	100
11) Tert butyl alcohol	5.547	59	190908	217.960	ug/l	99
12) 1,1-Dichloroethene	4.353	96	302948	55.361	ug/l	96
13) Acrolein	4.194	56	308663	258.784	ug/l	99
14) Allyl chloride	5.042	41	409086	57.170	ug/l	98
15) Acrylonitrile	5.736	53	635345	249.359	ug/l	99
16) Acetone	4.447	43	851181	445.702	ug/l	99
17) Carbon Disulfide	4.724	76	780525	56.127	ug/l	100
18) Methyl Acetate	5.036	43	354637	51.553	ug/l	99
19) Methyl tert-butyl Ether	5.806	73	982174	55.238	ug/l	99
20) Methylene Chloride	5.289	84	331268	50.920	ug/l	98
21) trans-1,2-Dichloroethene	5.800	96	321407	55.750	ug/l	99
22) Diisopropyl ether	6.683	45	878059	55.081	ug/l	98
23) Vinyl Acetate	6.612	43	2821462	274.629	ug/l	98
24) 1,1-Dichloroethane	6.583	63	548388	54.190	ug/l	99
25) 2-Butanone	7.494	43	944423	296.819	ug/l	97
26) 2,2-Dichloropropane	7.500	77	486111	56.998	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	376730	55.813	ug/l	99
28) Bromochloromethane	7.818	49	201261	48.031	ug/l	99
29) Tetrahydrofuran	7.847	42	517332	255.510	ug/l	99
30) Chloroform	7.971	83	595031	53.559	ug/l	97
31) Cyclohexane	8.265	56	522712	51.938	ug/l	99
32) 1,1,1-Trichloroethane	8.177	97	544918	55.017	ug/l	99
36) 1,1-Dichloropropene	8.377	75	447751	56.996	ug/l	100
37) Ethyl Acetate	7.571	43	330414	52.731	ug/l	99
38) Carbon Tetrachloride	8.371	117	490096	57.258	ug/l	99
39) Methylcyclohexane	9.606	83	594454	62.381	ug/l	98
40) Benzene	8.612	78	1339492	56.008	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	178096	53.221	ug/l	98
42) 1,2-Dichloroethane	8.677	62	433345	54.524	ug/l	100
43) Isopropyl Acetate	8.694	43	567375	55.678	ug/l	100
44) Trichloroethene	9.359	130	358230	56.025	ug/l	96
45) 1,2-Dichloropropane	9.624	63	320547	55.246	ug/l	98
46) Dibromomethane	9.712	93	222863	53.561	ug/l	98
47) Bromodichloromethane	9.888	83	471768	56.657	ug/l	99
48) Methyl methacrylate	9.682	41	272065	55.895	ug/l	98
49) 1,4-Dioxane	9.706	88	90942	793.150	ug/l #	99
51) 4-Methyl-2-Pentanone	10.447	43	1631306	267.112	ug/l	100
52) Toluene	10.635	92	876555	57.426	ug/l	100
53) t-1,3-Dichloropropene	10.841	75	486815	60.403	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	547938	60.259	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	326472	54.643	ug/l	99
56) Ethyl methacrylate	10.876	69	488465	60.909	ug/l	99
57) 1,3-Dichloropropane	11.165	76	546937	55.466	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	871564	315.548	ug/l	99
59) 2-Hexanone	11.200	43	1304291	293.956	ug/l	99
60) Dibromochloromethane	11.359	129	368246	58.002	ug/l	99
61) 1,2-Dibromoethane	11.470	107	337539	56.555	ug/l	100
64) Tetrachloroethene	11.106	164	360109	53.205	ug/l	99
65) Chlorobenzene	11.894	112	913459	55.091	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	345350	56.834	ug/l	98
67) Ethyl Benzene	11.965	91	1705330	58.427	ug/l	100
68) m/p-Xylenes	12.070	106	1341827	118.543	ug/l	100
69) o-Xylene	12.400	106	654318	58.817	ug/l	100
70) Styrene	12.412	104	1077717	60.913	ug/l	99
71) Bromoform	12.582	173	252993	58.345	ug/l #	97
73) Isopropylbenzene	12.700	105	1726984	57.366	ug/l	100
74) N-amyl acetate	12.494	43	473197	53.926	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	423626	48.551	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	545412	70.800	ug/l	75
77) Bromobenzene	12.982	156	381879	53.914	ug/l	98
78) n-propylbenzene	13.035	91	1986860	59.315	ug/l	100
79) 2-Chlorotoluene	13.129	91	1160783	54.589	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	1463642	57.351	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	133874	57.869	ug/l	98
82) 4-Chlorotoluene	13.129	91	1160783	54.589	ug/l	100
83) tert-Butylbenzene	13.441	119	1298673	57.227	ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	1440750	56.909	ug/l	99
85) sec-Butylbenzene	13.617	105	1818451	59.445	ug/l	100
86) p-Isopropyltoluene	13.735	119	1507484	60.515	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	718344	54.748	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	699993	52.889	ug/l	99
89) n-Butylbenzene	14.059	91	1232273	62.356	ug/l	99
90) Hexachloroethane	14.335	117	252892	59.456	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	681181	52.906	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	75772	50.382	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	356485	62.825	ug/l	100
94) Hexachlorobutadiene	15.506	225	186701	57.307	ug/l	99
95) Naphthalene	15.641	128	1033209	61.819	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	340426	62.406	ug/l	99

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ClientSampleId :
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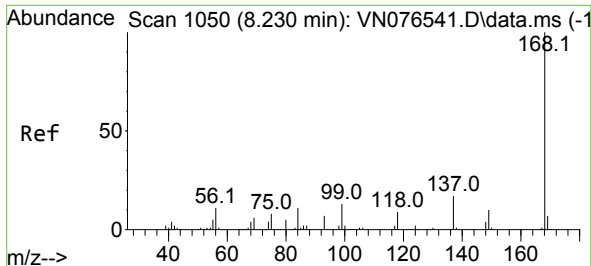
Quant Time: Feb 07 04:40:49 2023
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Quant Title : SW846 8260
QLast Update : Tue Feb 07 01:44:01 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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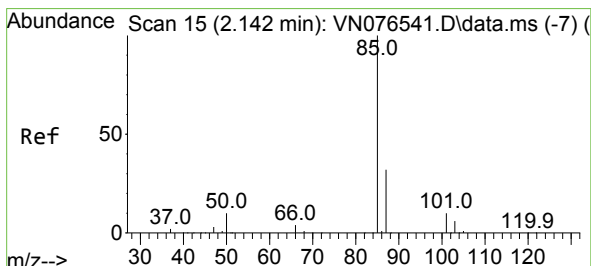
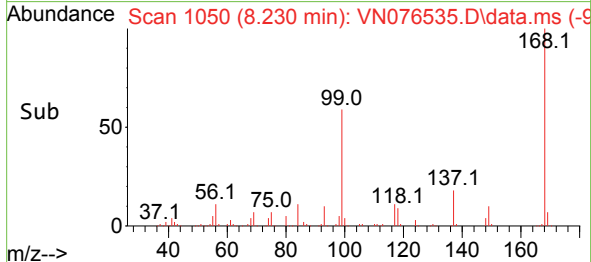
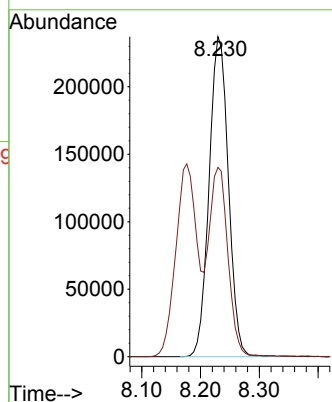
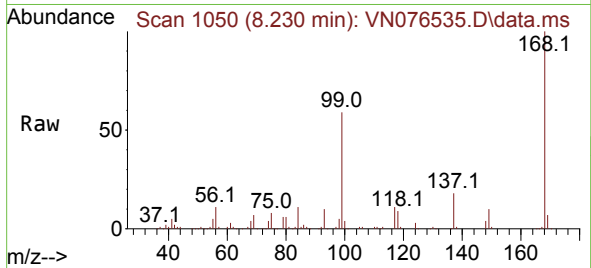




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
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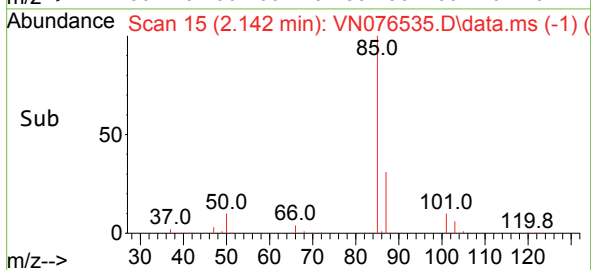
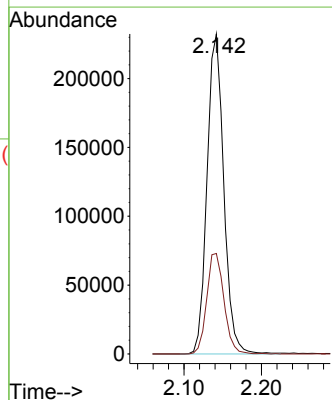
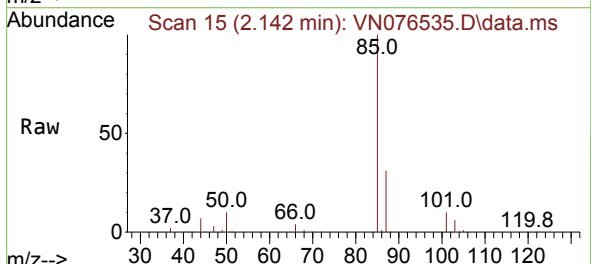
Instrument :
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ClientSampleId :
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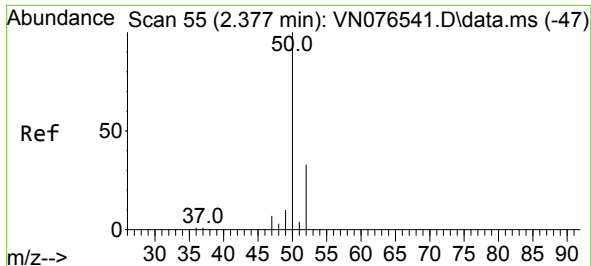
Tgt Ion:168 Resp: 540608
Ion Ratio Lower Upper
168 100
99 59.0 47.1 70.7



#2
Dichlorodifluoromethane
Concen: 57.237 ug/l
RT: 2.142 min Scan# 15
Delta R.T. -0.000 min
Lab File: VN076535.D
Acq: 06 Feb 2023 10:58

Tgt Ion: 85 Resp: 348353
Ion Ratio Lower Upper
85 100
87 31.4 16.2 48.6

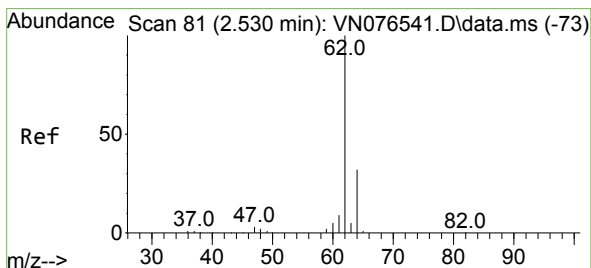
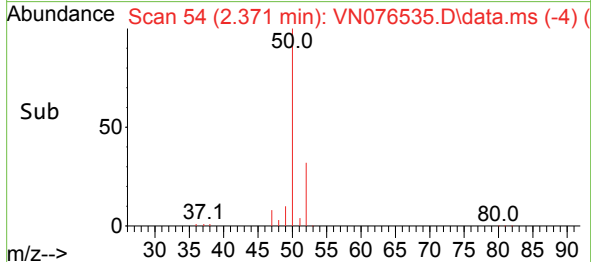
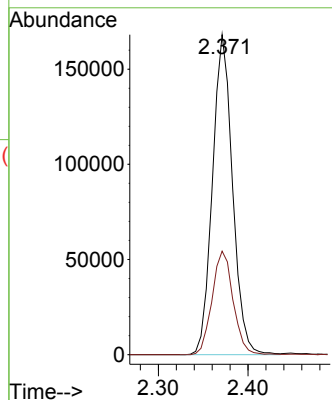
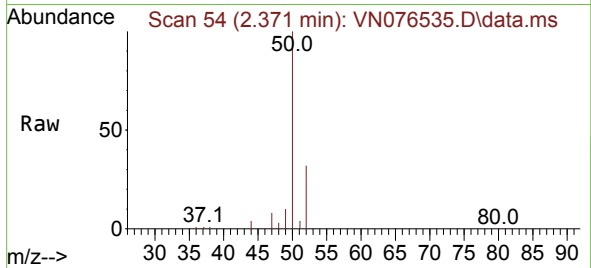




#3
Chloromethane
Concen: 47.546 ug/l
RT: 2.371 min Scan# 54
Delta R.T. -0.006 min
Lab File: VN076535.D
Acq: 06 Feb 2023 10:58

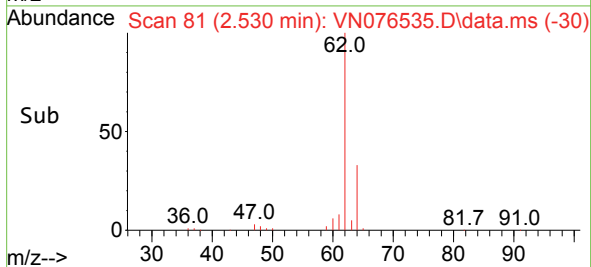
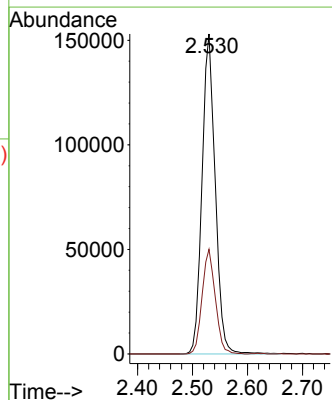
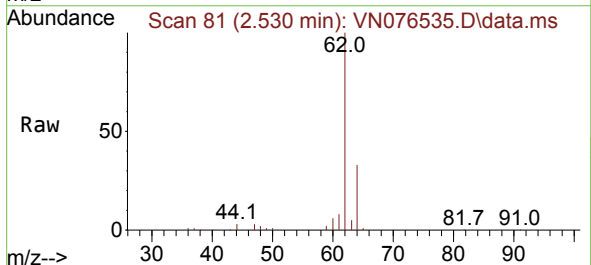
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VSTDCCC050

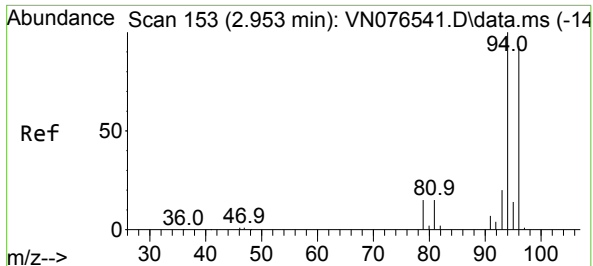
Tgt Ion: 50 Resp: 261243
Ion Ratio Lower Upper
50 100
52 32.4 26.6 40.0



#4
Vinyl Chloride
Concen: 56.255 ug/l
RT: 2.530 min Scan# 81
Delta R.T. -0.000 min
Lab File: VN076535.D
Acq: 06 Feb 2023 10:58

Tgt Ion: 62 Resp: 255621
Ion Ratio Lower Upper
62 100
64 32.7 25.9 38.9

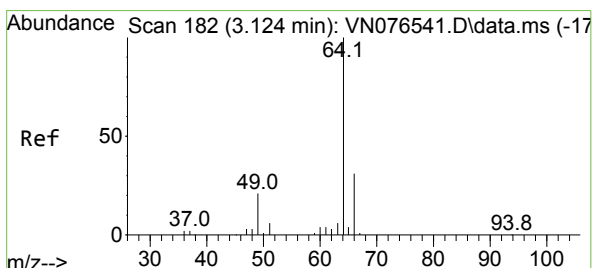
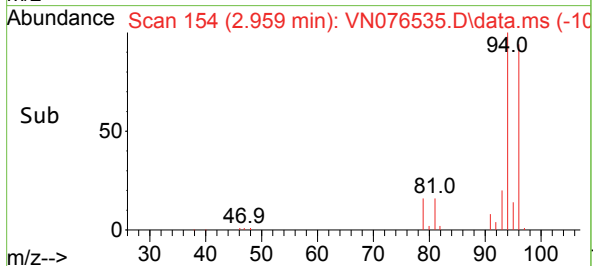
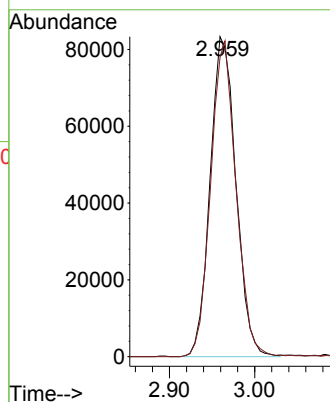
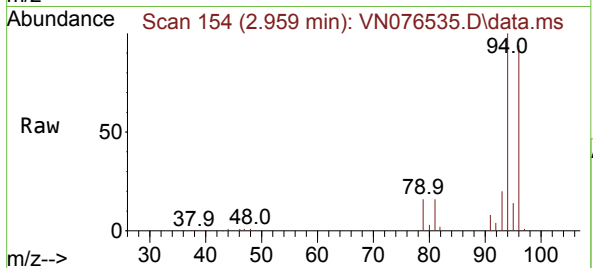




#5
Bromomethane
Concen: 50.434 ug/l
RT: 2.959 min Scan# 153
Delta R.T. 0.006 min
Lab File: VN076535.D
Acq: 06 Feb 2023 10:58

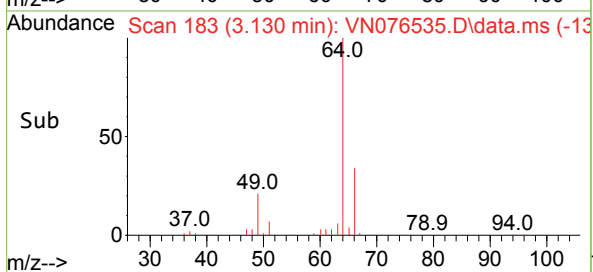
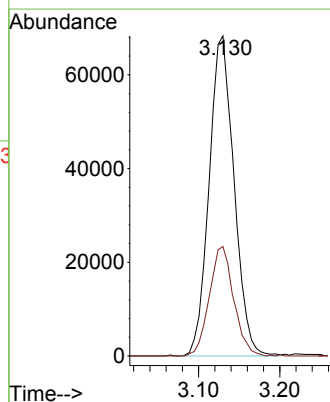
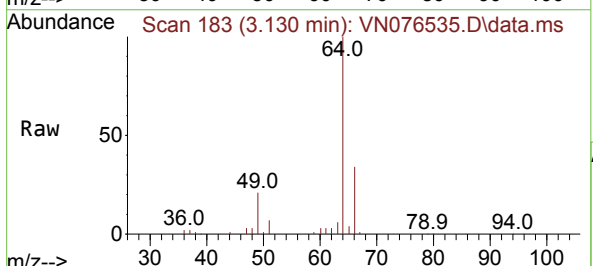
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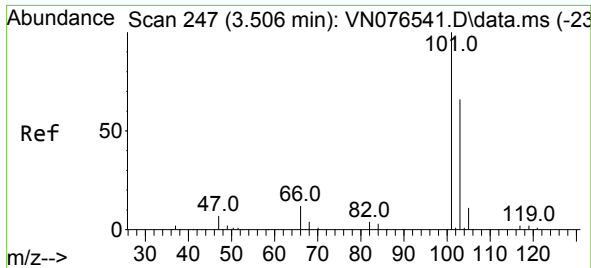
Tgt Ion: 94 Resp: 175073
Ion Ratio Lower Upper
94 100
96 93.6 74.1 111.1



#6
Chloroethane
Concen: 51.361 ug/l
RT: 3.130 min Scan# 183
Delta R.T. 0.006 min
Lab File: VN076535.D
Acq: 06 Feb 2023 10:58

Tgt Ion: 64 Resp: 145792
Ion Ratio Lower Upper
64 100
66 34.2 25.0 37.6

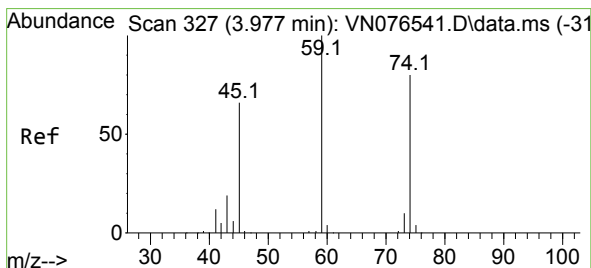
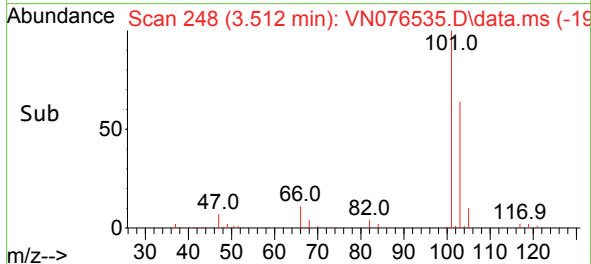
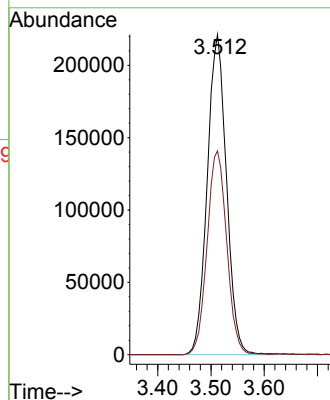
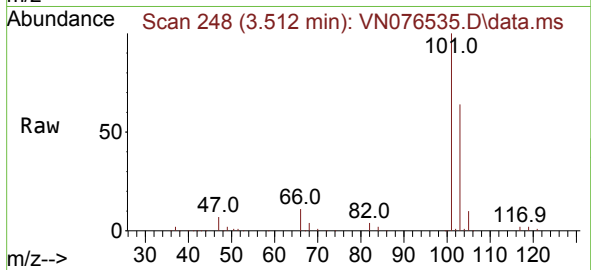




#7
 Trichlorofluoromethane
 Concen: 56.161 ug/l
 RT: 3.512 min Scan# 247
 Delta R.T. 0.006 min
 Lab File: VN076535.D
 Acq: 06 Feb 2023 10:58

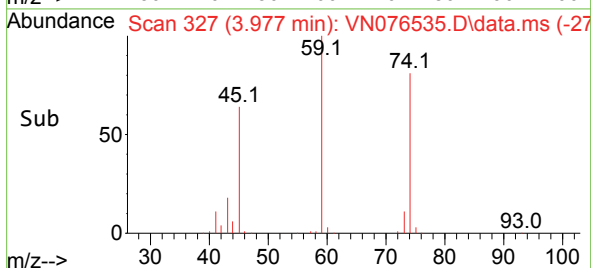
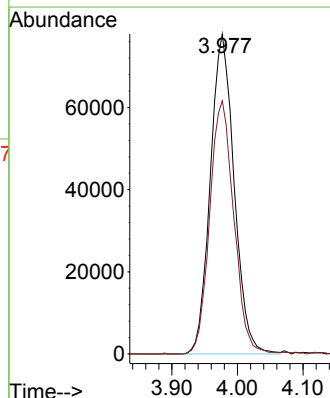
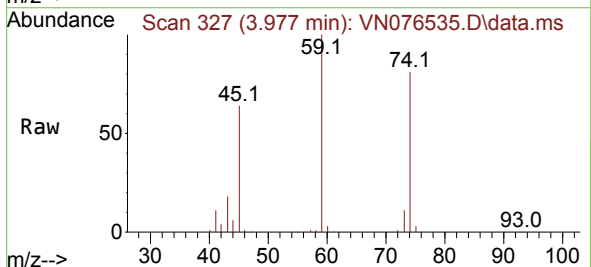
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 VSTDCCC050

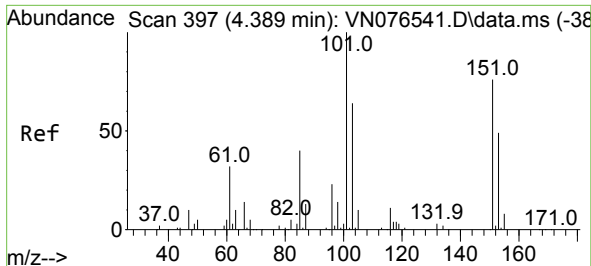
Tgt Ion:101 Resp: 555195
 Ion Ratio Lower Upper
 101 100
 103 63.7 52.6 78.8



#8
 Diethyl Ether
 Concen: 54.538 ug/l
 RT: 3.977 min Scan# 327
 Delta R.T. -0.000 min
 Lab File: VN076535.D
 Acq: 06 Feb 2023 10:58

Tgt Ion: 74 Resp: 196065
 Ion Ratio Lower Upper
 74 100
 45 80.5 40.8 122.5

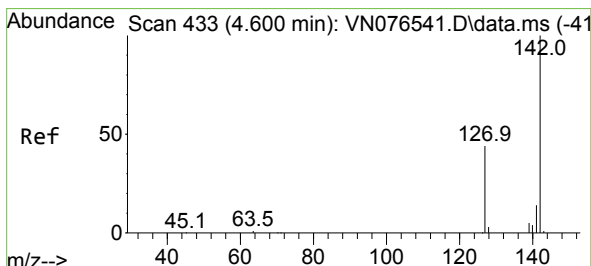
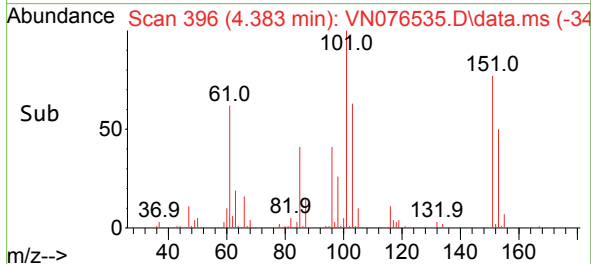
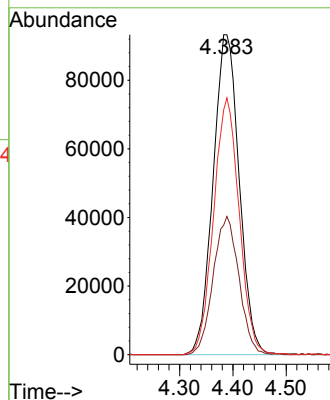
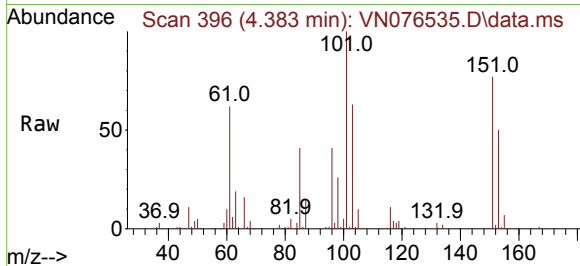




#9
1,1,2-Trichlorotrifluoroethane
Concen: 55.135 ug/l
RT: 4.383 min Scan# 397
Delta R.T. -0.006 min
Lab File: VN076535.D
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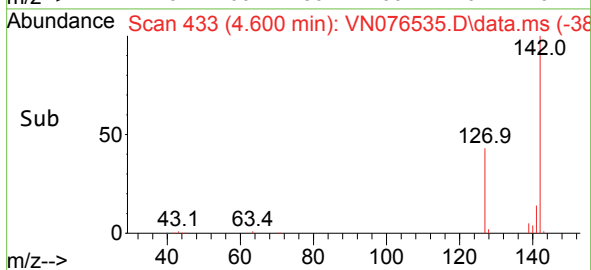
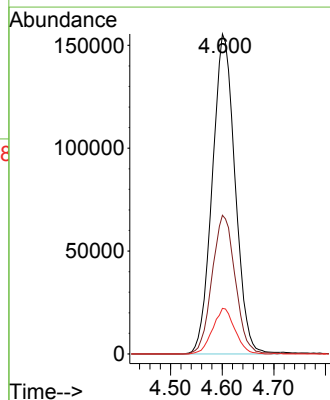
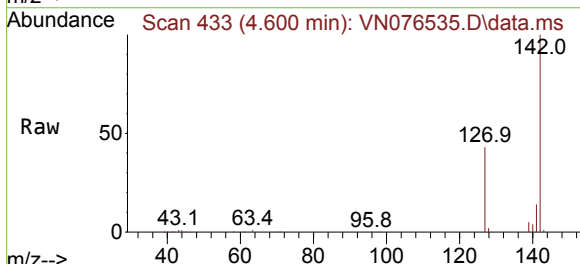
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

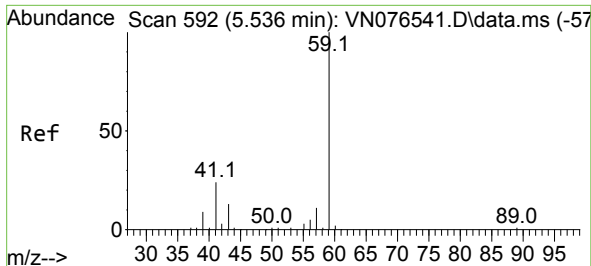
Tgt Ion:101 Resp: 317733
Ion Ratio Lower Upper
101 100
85 42.7 33.9 50.9
151 78.6 61.2 91.8



#10
Methyl Iodide
Concen: 56.001 ug/l
RT: 4.600 min Scan# 433
Delta R.T. -0.000 min
Lab File: VN076535.D
Acq: 06 Feb 2023 10:58

Tgt Ion:142 Resp: 475765
Ion Ratio Lower Upper
142 100
127 44.2 35.5 53.3
141 13.9 11.3 16.9

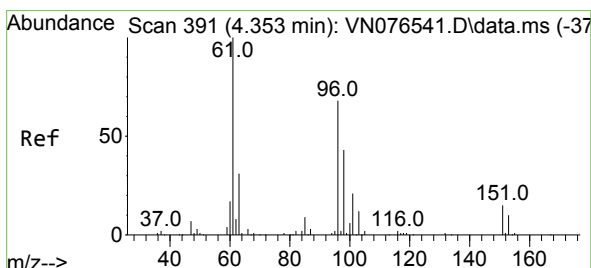
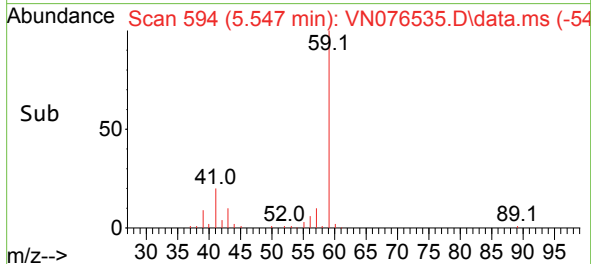
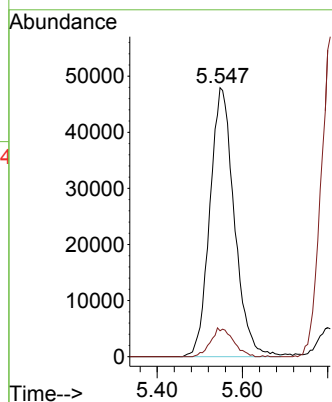
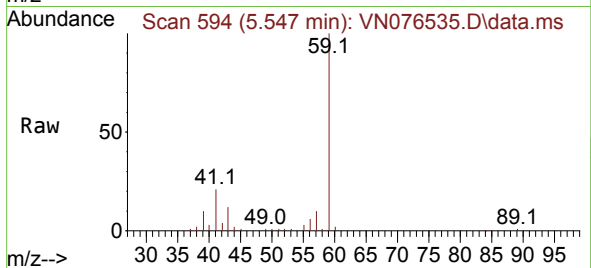




#11
Tert butyl alcohol
Concen: 217.960 ug/l
RT: 5.547 min Scan# 591
Delta R.T. 0.012 min
Lab File: VN076535.D
Acq: 06 Feb 2023 10:58

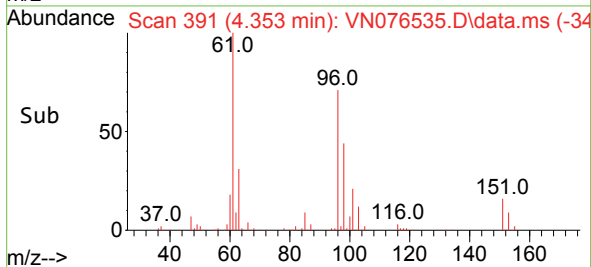
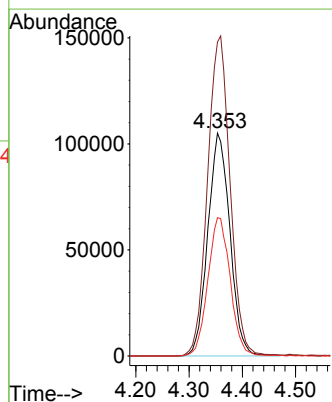
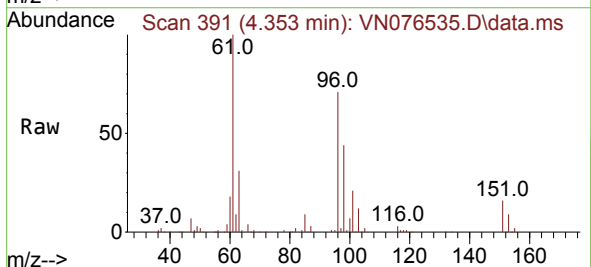
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

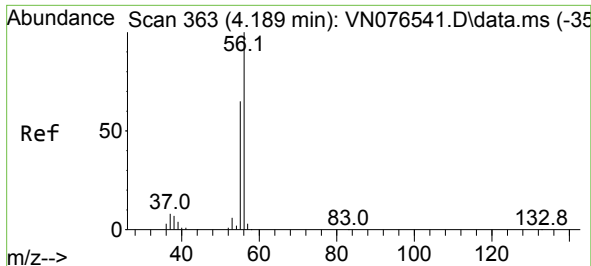
Tgt Ion: 59 Resp: 190908
Ion Ratio Lower Upper
59 100
57 9.9 8.2 12.2



#12
1,1-Dichloroethene
Concen: 55.361 ug/l
RT: 4.353 min Scan# 391
Delta R.T. -0.000 min
Lab File: VN076535.D
Acq: 06 Feb 2023 10:58

Tgt Ion: 96 Resp: 302948
Ion Ratio Lower Upper
96 100
61 140.7 117.9 176.9
98 62.0 50.2 75.2

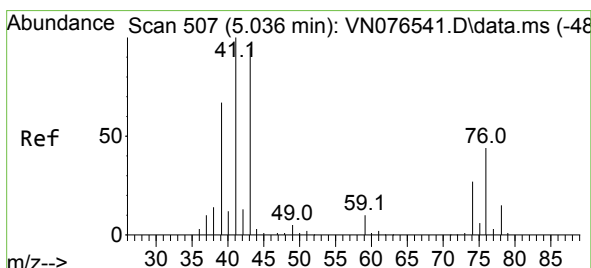
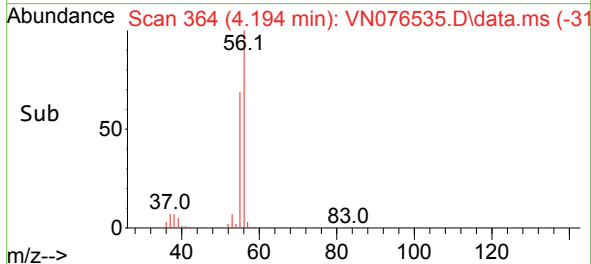
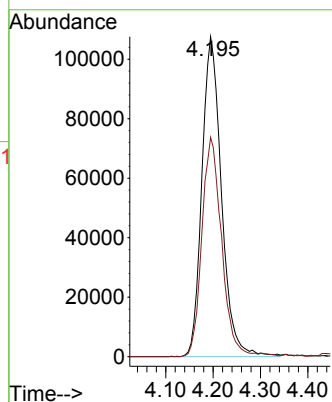
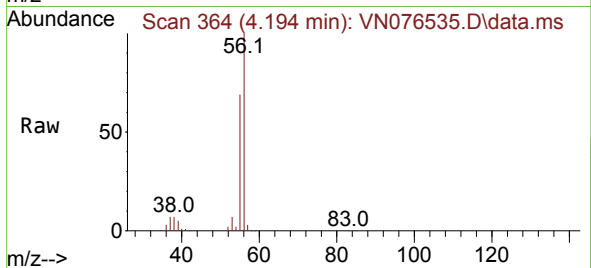




#13
Acrolein
Concen: 258.784 ug/l
RT: 4.194 min Scan# 30
Delta R.T. 0.005 min
Lab File: VN076535.D
Acq: 06 Feb 2023 10:58

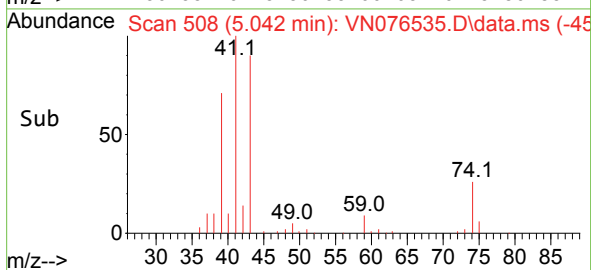
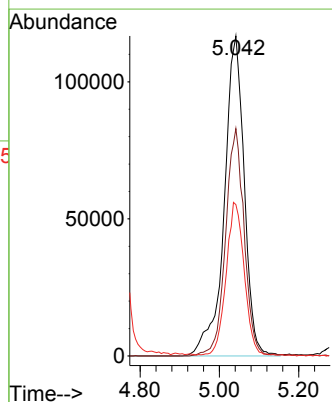
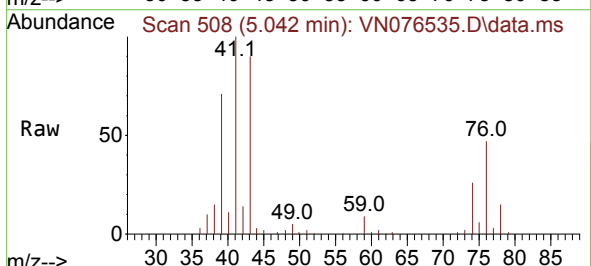
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

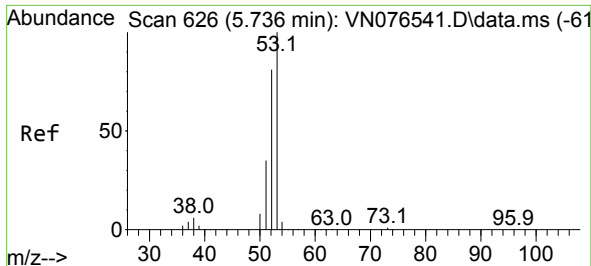
Tgt Ion: 56 Resp: 308663
Ion Ratio Lower Upper
56 100
55 68.7 55.4 83.2



#14
Allyl chloride
Concen: 57.170 ug/l
RT: 5.042 min Scan# 508
Delta R.T. 0.006 min
Lab File: VN076535.D
Acq: 06 Feb 2023 10:58

Tgt Ion: 41 Resp: 409086
Ion Ratio Lower Upper
41 100
39 65.8 51.6 77.4
76 43.0 33.1 49.7

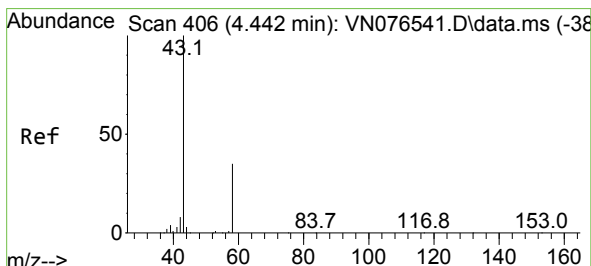
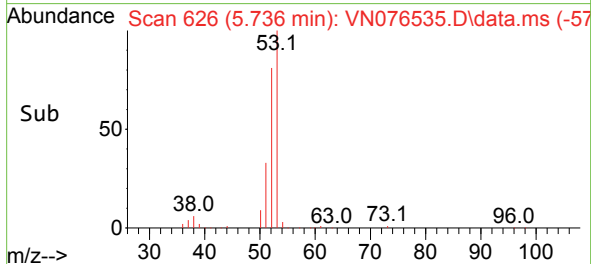
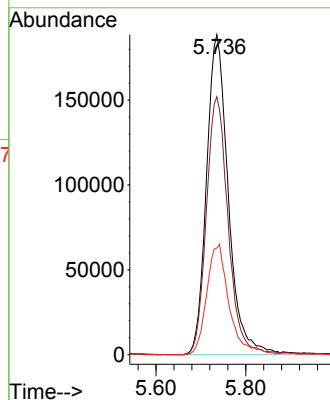
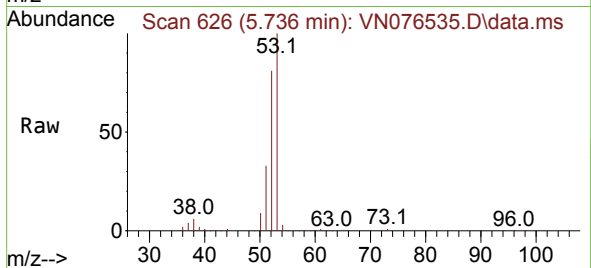




#15
Acrylonitrile
Concen: 249.359 ug/l
RT: 5.736 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN076535.D
Acq: 06 Feb 2023 10:58

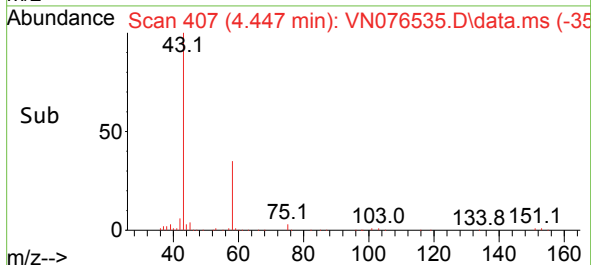
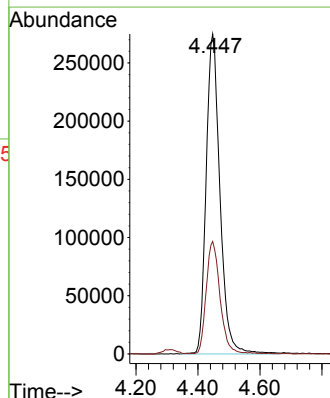
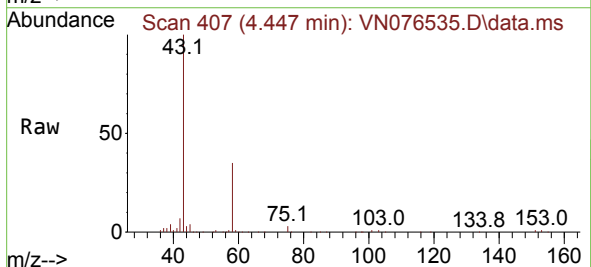
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

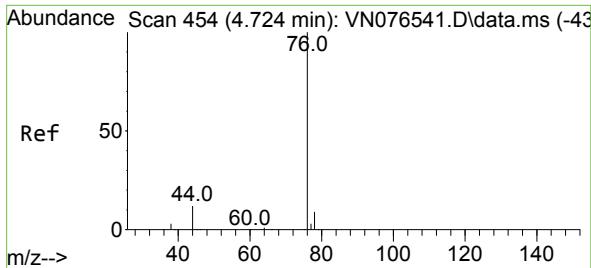
Tgt Ion: 53 Resp: 635345
Ion Ratio Lower Upper
53 100
52 80.8 65.0 97.4
51 35.6 28.7 43.1



#16
Acetone
Concen: 445.702 ug/l
RT: 4.447 min Scan# 407
Delta R.T. 0.005 min
Lab File: VN076535.D
Acq: 06 Feb 2023 10:58

Tgt Ion: 43 Resp: 851181
Ion Ratio Lower Upper
43 100
58 35.0 28.3 42.5

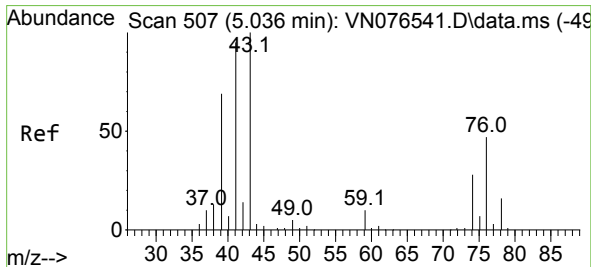
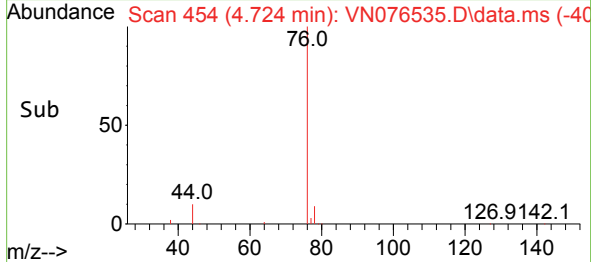
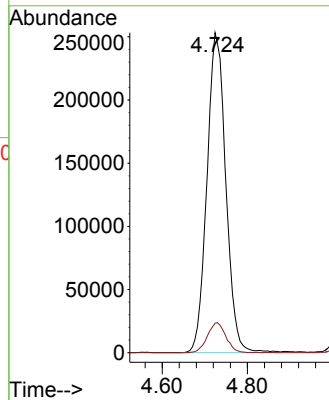
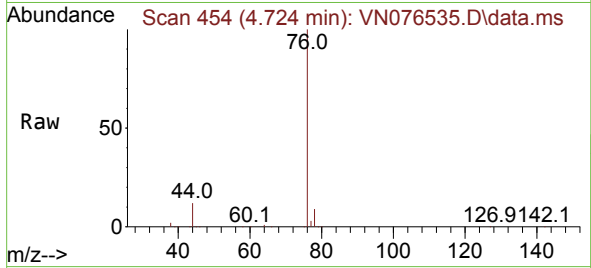




#17
Carbon Disulfide
Concen: 56.127 ug/l
RT: 4.724 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN076535.D
Acq: 06 Feb 2023 10:58

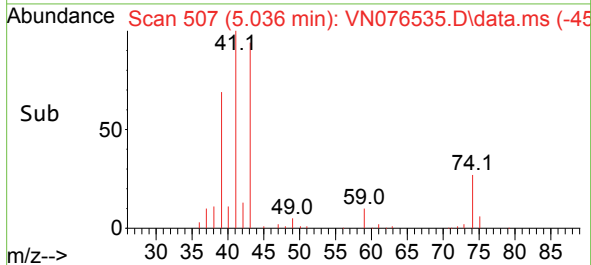
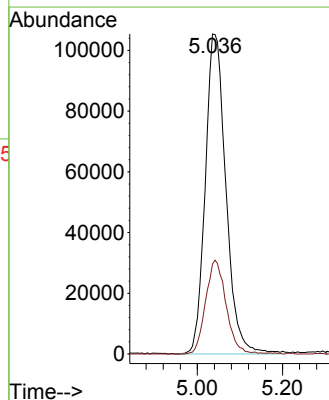
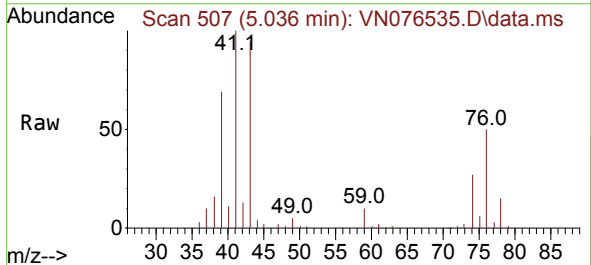
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

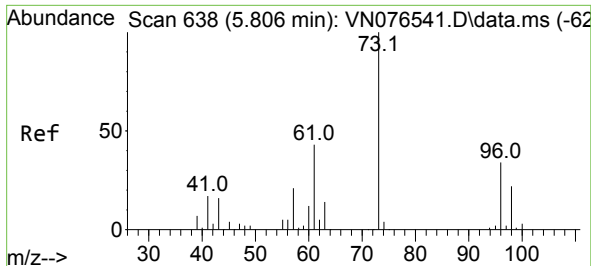
Tgt Ion: 76 Resp: 780525
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0



#18
Methyl Acetate
Concen: 51.553 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN076535.D
Acq: 06 Feb 2023 10:58

Tgt Ion: 43 Resp: 354637
Ion Ratio Lower Upper
43 100
74 29.0 23.6 35.4

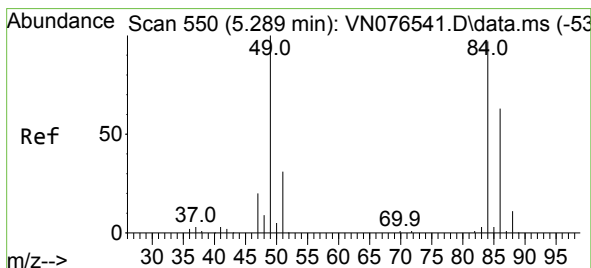
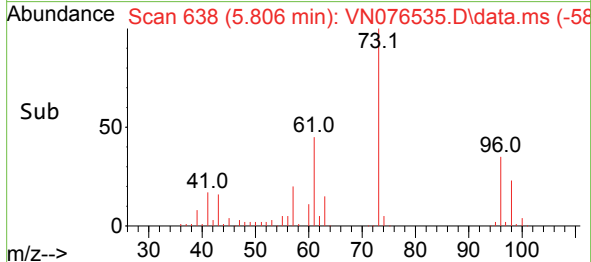
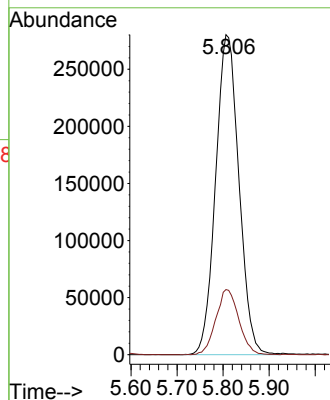
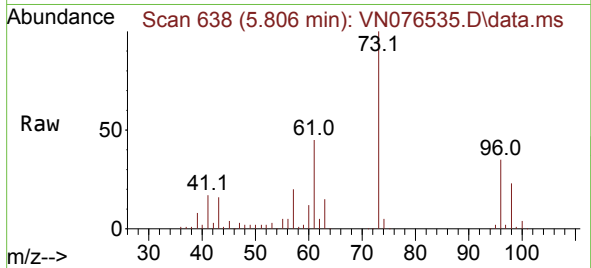




#19
Methyl tert-butyl Ether
Concen: 55.238 ug/l
RT: 5.806 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN076535.D
Acq: 06 Feb 2023 10:58

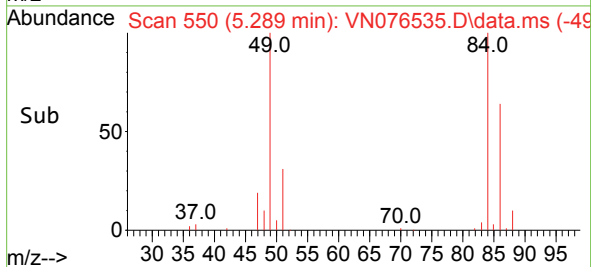
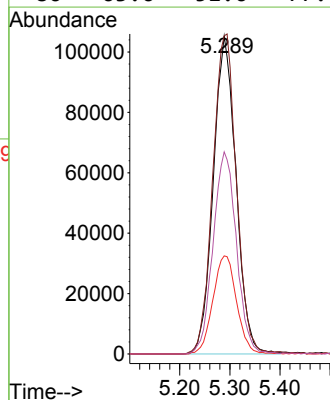
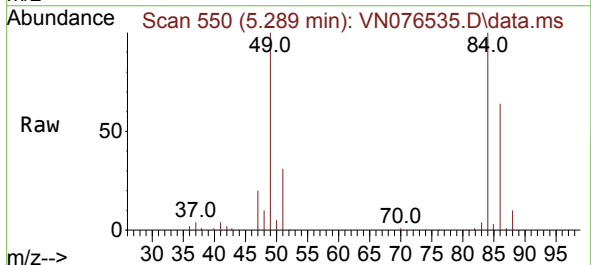
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

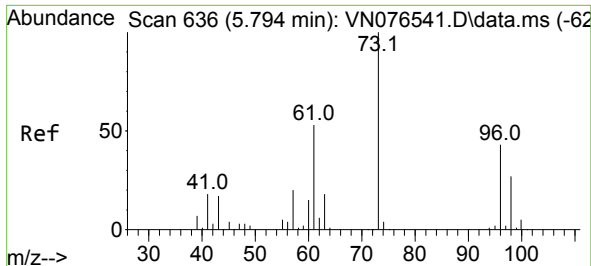
Tgt Ion: 73 Resp: 982174
Ion Ratio Lower Upper
73 100
57 20.3 16.8 25.2



#20
Methylene Chloride
Concen: 50.920 ug/l
RT: 5.289 min Scan# 550
Delta R.T. -0.000 min
Lab File: VN076535.D
Acq: 06 Feb 2023 10:58

Tgt Ion: 84 Resp: 331268
Ion Ratio Lower Upper
84 100
49 100.1 82.3 123.5
51 30.8 25.9 38.9
86 63.6 51.6 77.4

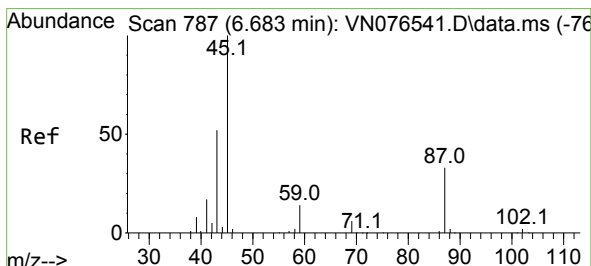
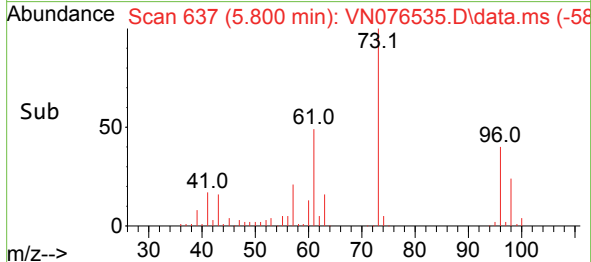
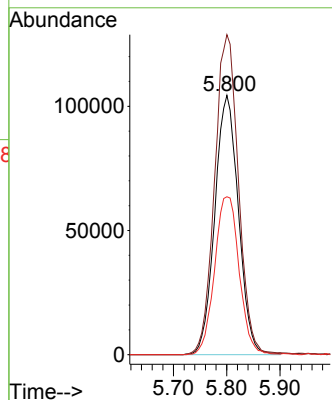
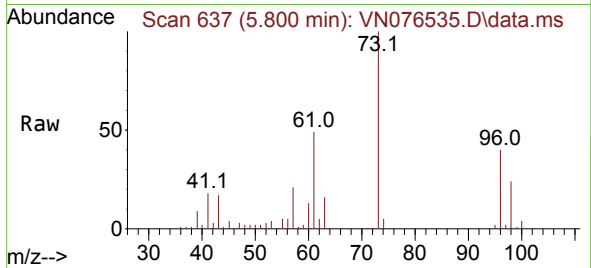




#21
trans-1,2-Dichloroethene
Concen: 55.750 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN076535.D
Acq: 06 Feb 2023 10:58

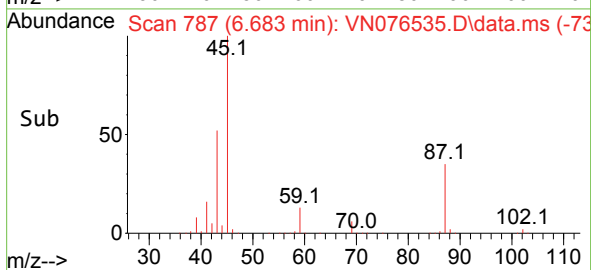
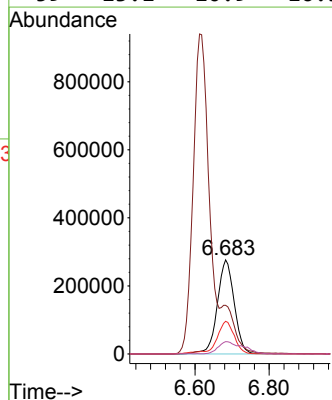
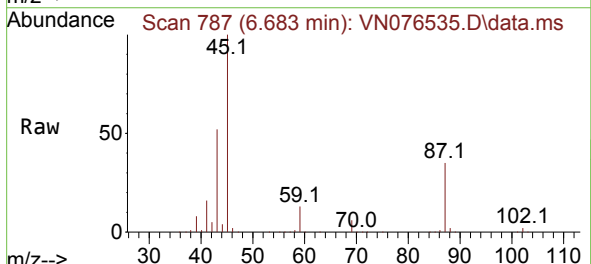
Instrument :
MSVOA_N
ClientSampleId :
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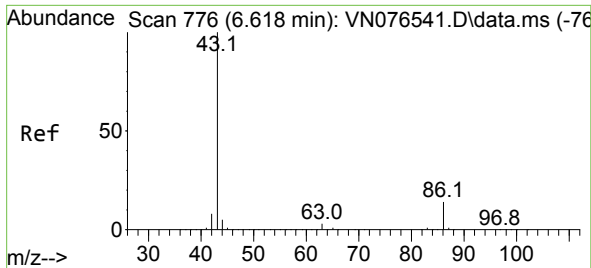
Tgt Ion: 96 Resp: 321407
Ion Ratio Lower Upper
96 100
61 123.4 98.6 148.0
98 60.9 49.9 74.9



#22
Diisopropyl ether
Concen: 55.081 ug/l
RT: 6.683 min Scan# 787
Delta R.T. -0.000 min
Lab File: VN076535.D
Acq: 06 Feb 2023 10:58

Tgt Ion: 45 Resp: 878059
Ion Ratio Lower Upper
45 100
43 50.9 41.8 62.6
87 34.6 26.6 39.8
59 13.1 10.9 16.3

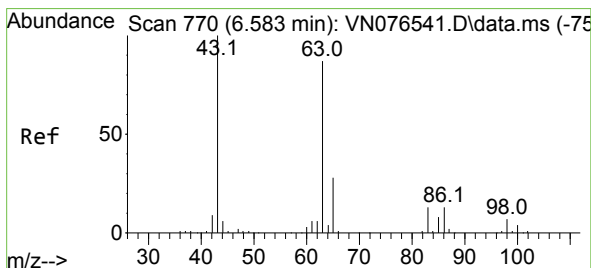
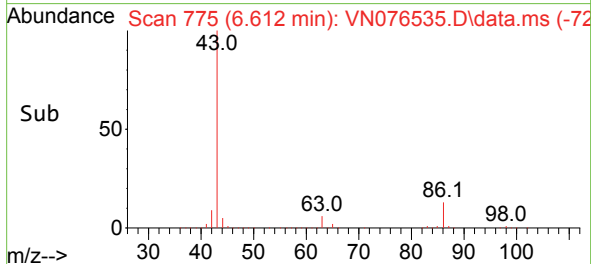
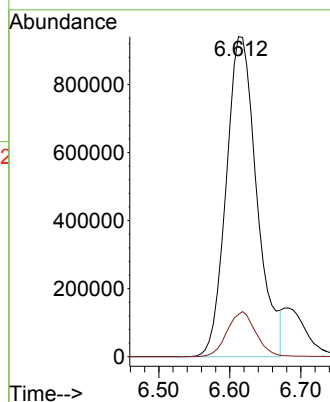
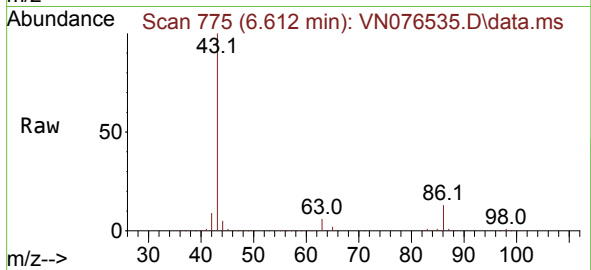




#23
 Vinyl Acetate
 Concen: 274.629 ug/l
 RT: 6.612 min Scan# 775
 Delta R.T. -0.006 min
 Lab File: VN076535.D
 Acq: 06 Feb 2023 10:58

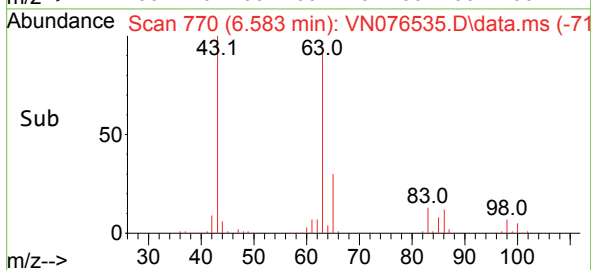
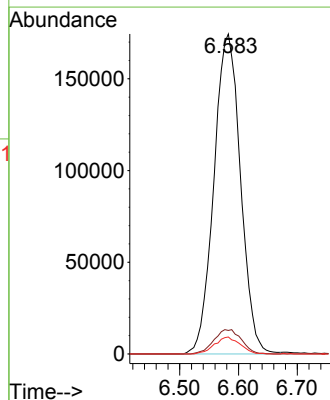
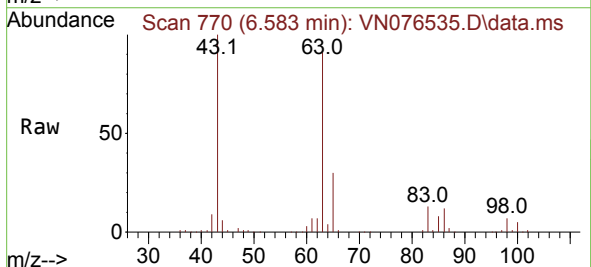
Instrument :
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 ClientSampleId :
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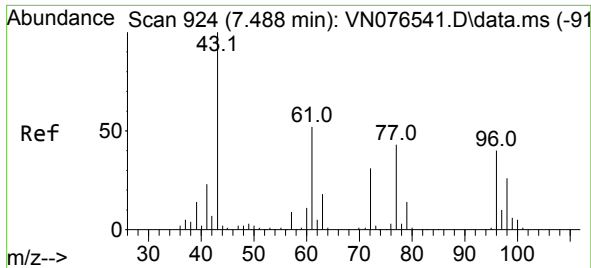
Tgt Ion: 43 Resp: 2821462
 Ion Ratio Lower Upper
 43 100
 86 13.2 11.3 16.9



#24
 1,1-Dichloroethane
 Concen: 54.190 ug/l
 RT: 6.583 min Scan# 770
 Delta R.T. -0.000 min
 Lab File: VN076535.D
 Acq: 06 Feb 2023 10:58

Tgt Ion: 63 Resp: 548388
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.9 11.5
 100 5.3 2.5 7.5

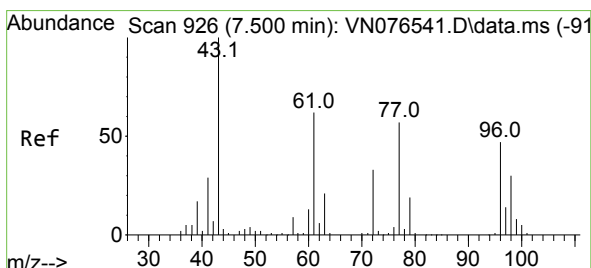
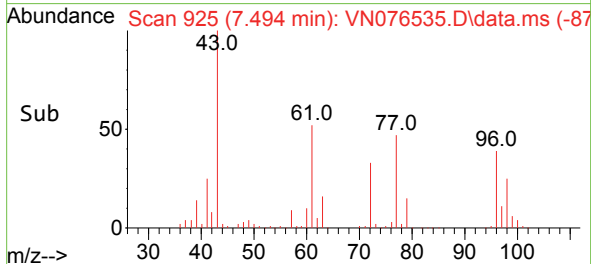
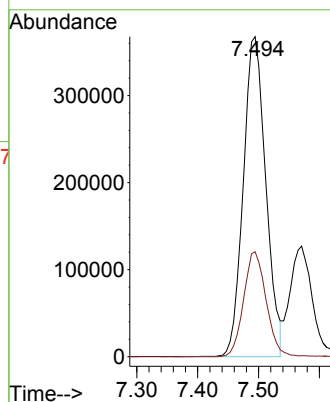
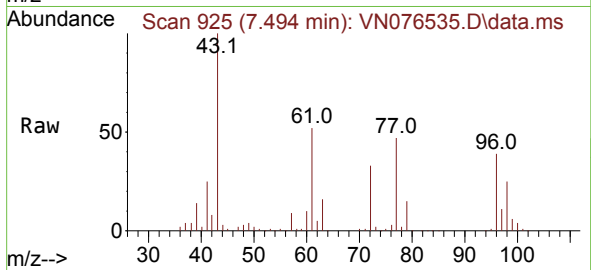




#25
2-Butanone
Concen: 296.819 ug/l
RT: 7.494 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN076535.D
Acq: 06 Feb 2023 10:58

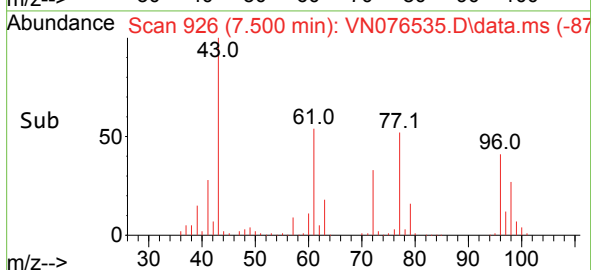
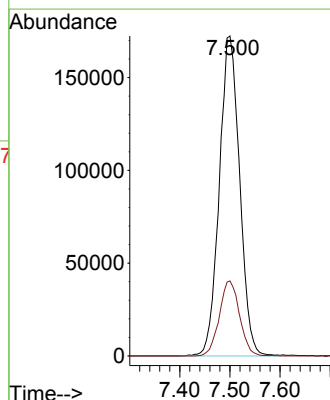
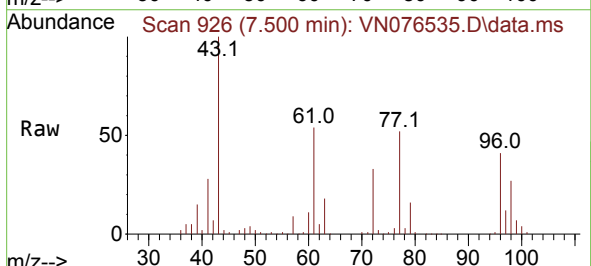
Instrument :
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ClientSampleId :
VSTDCCC050

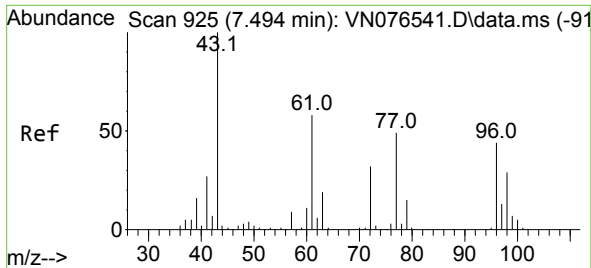
Tgt Ion: 43 Resp: 944423
Ion Ratio Lower Upper
43 100
72 32.8 24.8 37.2



#26
2,2-Dichloropropane
Concen: 56.998 ug/l
RT: 7.500 min Scan# 926
Delta R.T. -0.000 min
Lab File: VN076535.D
Acq: 06 Feb 2023 10:58

Tgt Ion: 77 Resp: 486111
Ion Ratio Lower Upper
77 100
97 23.4 11.9 35.7

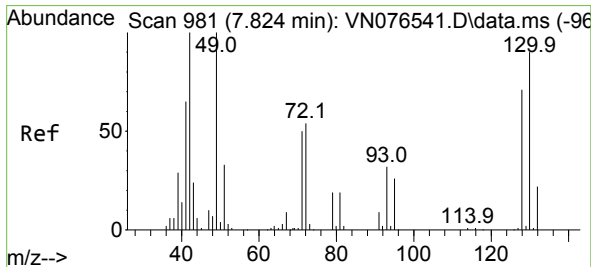
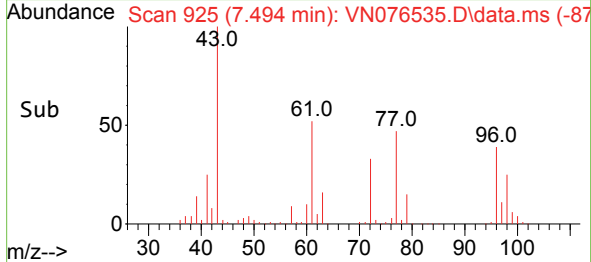
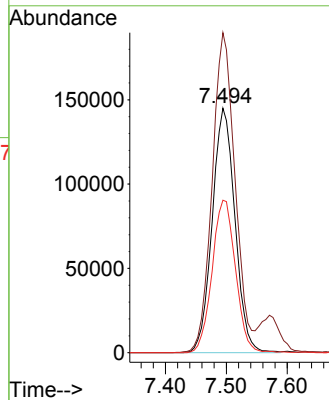
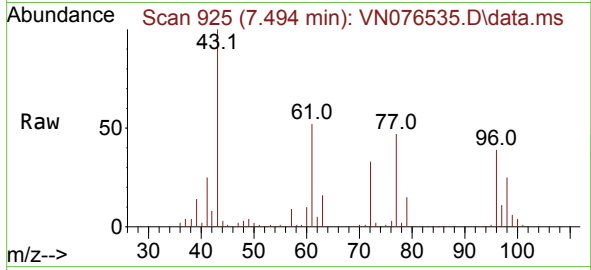




#27
 cis-1,2-Dichloroethene
 Concen: 55.813 ug/l
 RT: 7.494 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VN076535.D
 Acq: 06 Feb 2023 10:58

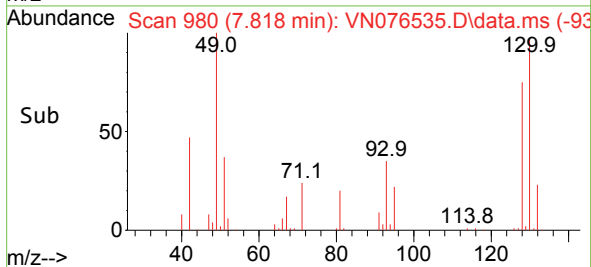
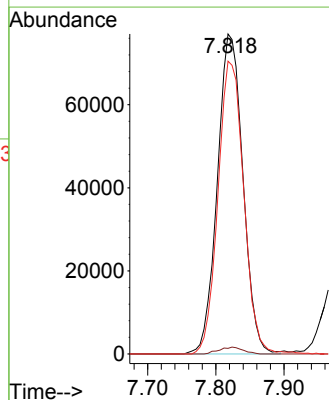
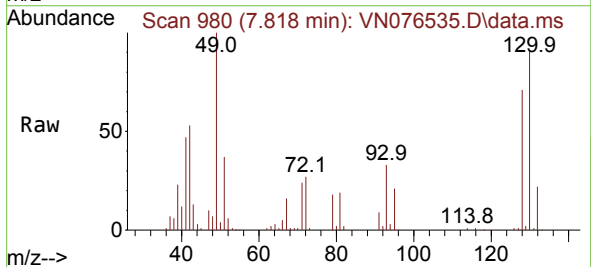
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

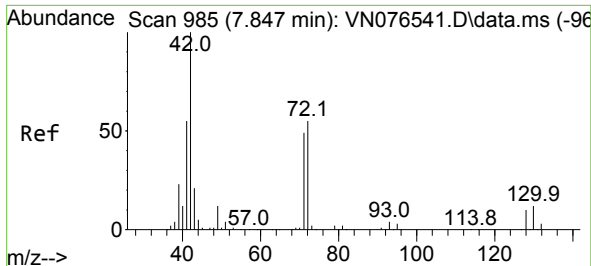
Tgt Ion: 96 Resp: 376730
 Ion Ratio Lower Upper
 96 100
 61 131.9 0.0 266.4
 98 64.2 0.0 129.6



#28
 Bromochloromethane
 Concen: 48.031 ug/l
 RT: 7.818 min Scan# 980
 Delta R.T. -0.006 min
 Lab File: VN076535.D
 Acq: 06 Feb 2023 10:58

Tgt Ion: 49 Resp: 201261
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.0
 130 92.1 72.6 108.8

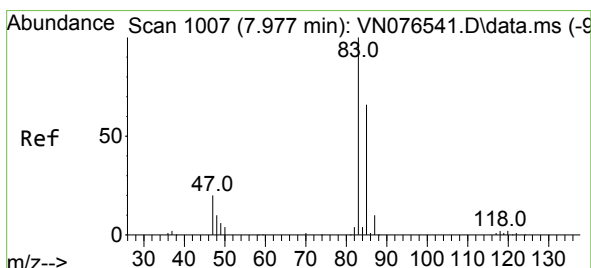
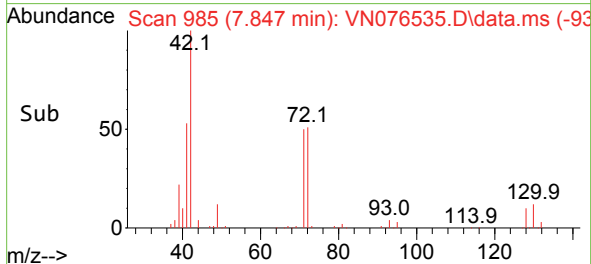
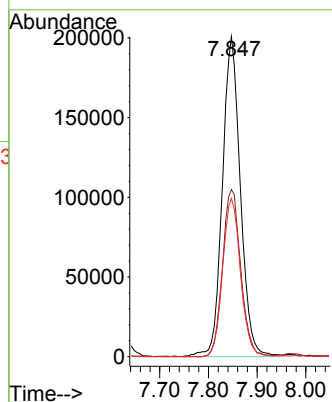
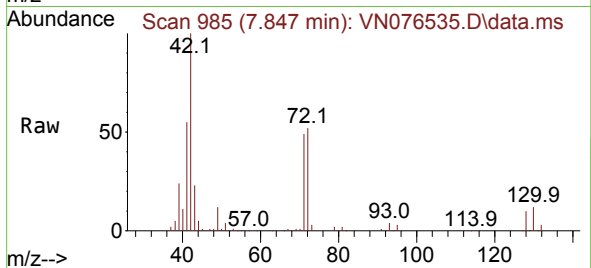




#29
Tetrahydrofuran
Concen: 255.510 ug/l
RT: 7.847 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN076535.D
Acq: 06 Feb 2023 10:58

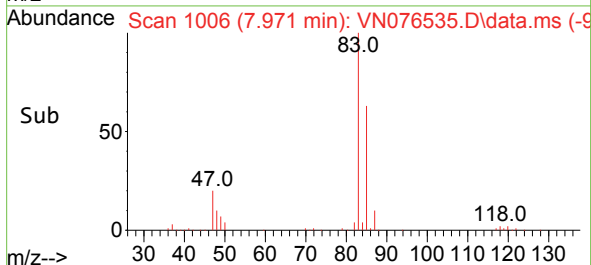
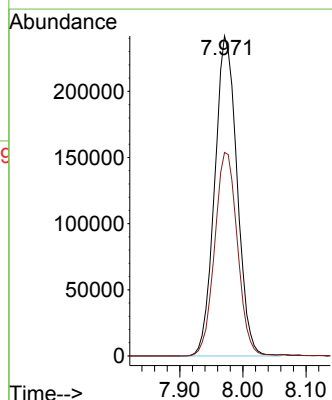
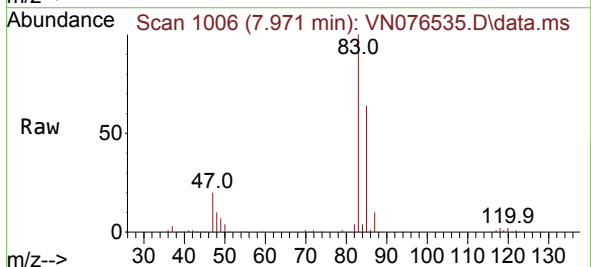
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

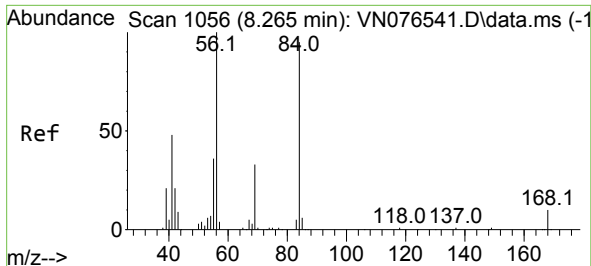
Tgt Ion: 42 Resp: 517332
Ion Ratio Lower Upper
42 100
72 52.7 43.4 65.2
71 49.0 39.4 59.2



#30
Chloroform
Concen: 53.559 ug/l
RT: 7.971 min Scan# 1006
Delta R.T. -0.006 min
Lab File: VN076535.D
Acq: 06 Feb 2023 10:58

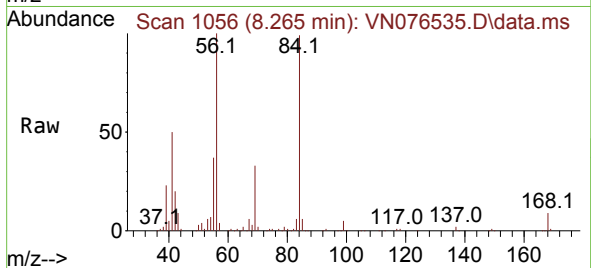
Tgt Ion: 83 Resp: 595031
Ion Ratio Lower Upper
83 100
85 63.6 52.5 78.7



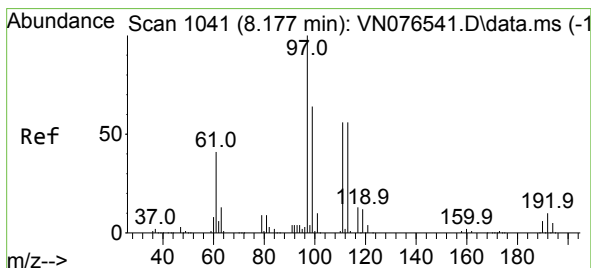
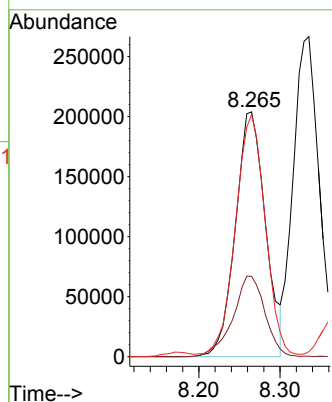
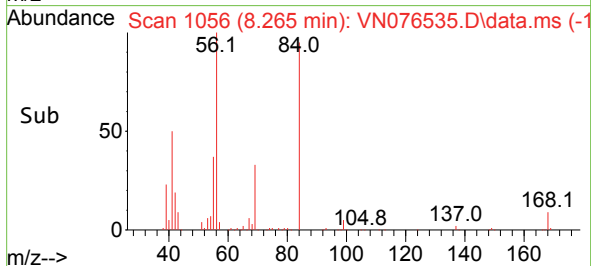


#31
Cyclohexane
Concen: 51.938 ug/l
RT: 8.265 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN076535.D
Acq: 06 Feb 2023 10:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

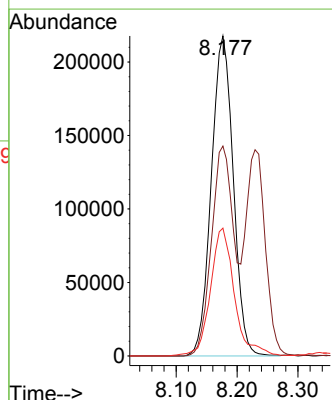
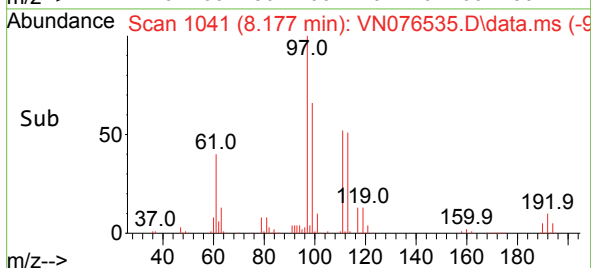
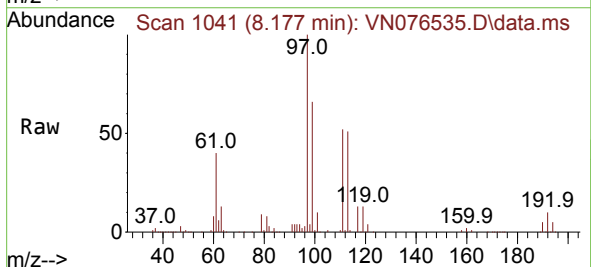


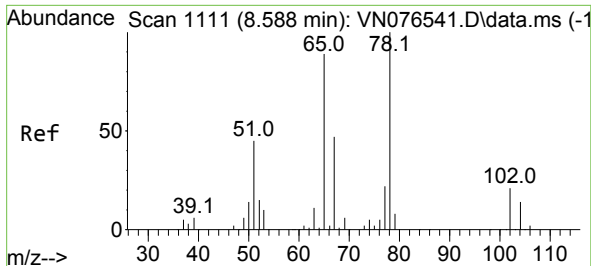
Tgt Ion: 56 Resp: 522712
Ion Ratio Lower Upper
56 100
69 32.8 26.5 39.7
84 97.0 76.2 114.4



#32
1,1,1-Trichloroethane
Concen: 55.017 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VN076535.D
Acq: 06 Feb 2023 10:58

Tgt Ion: 97 Resp: 544918
Ion Ratio Lower Upper
97 100
99 68.0 53.7 80.5
61 43.6 34.3 51.5





#33

1,2-Dichloroethane-d4

Concen: 45.947 ug/l

RT: 8.582 min Scan# 1111

Delta R.T. -0.006 min

Lab File: VN076535.D

Acq: 06 Feb 2023 10:58

Instrument :

MSVOA_N

ClientSampleId :

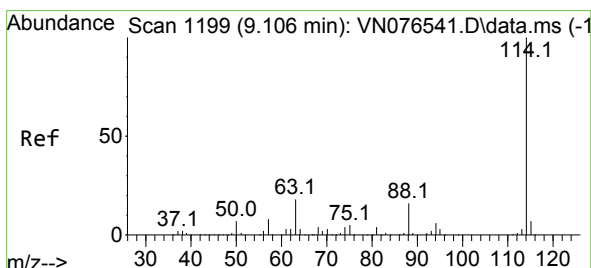
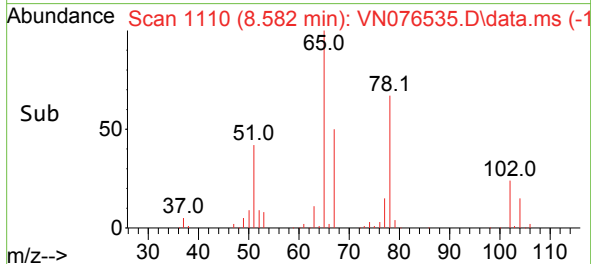
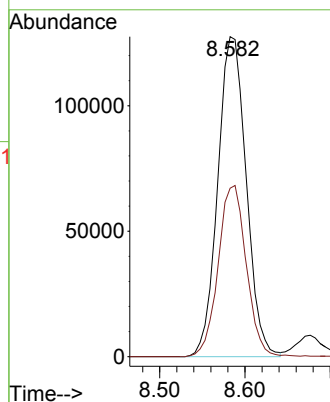
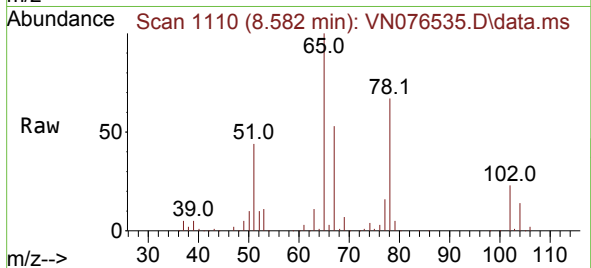
VSTDCCC050

Tgt Ion: 65 Resp: 295759

Ion Ratio Lower Upper

65 100

67 52.9 0.0 106.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN076535.D

Acq: 06 Feb 2023 10:58

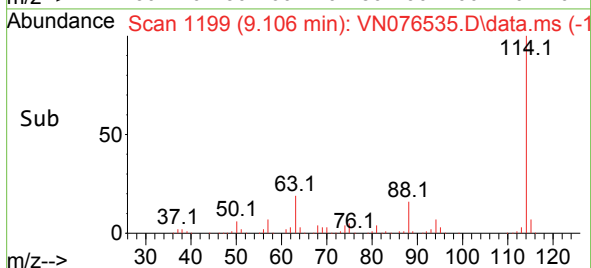
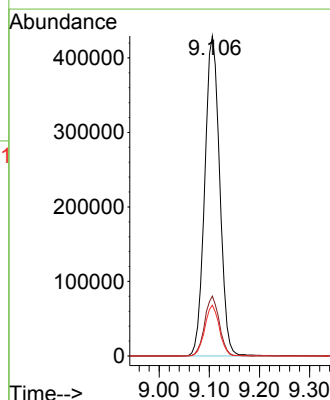
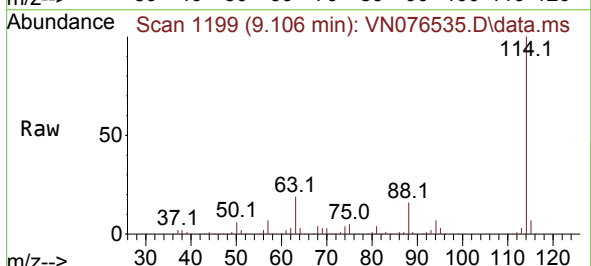
Tgt Ion: 114 Resp: 888436

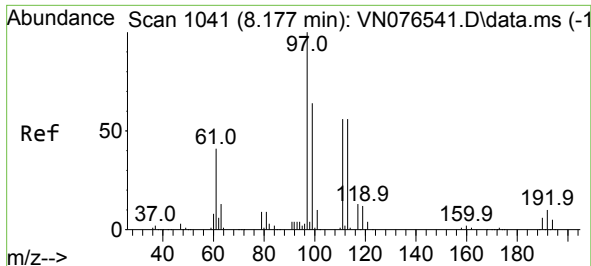
Ion Ratio Lower Upper

114 100

63 18.7 0.0 36.8

88 15.8 0.0 31.4





#35

Dibromofluoromethane

Concen: 48.719 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VN076535.D

Acq: 06 Feb 2023 10:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

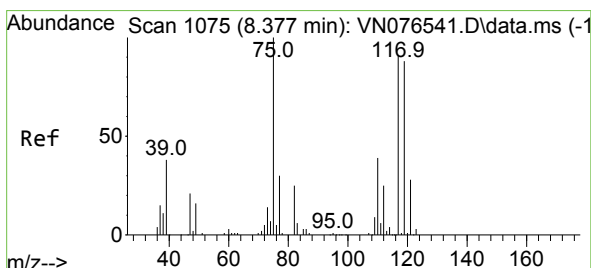
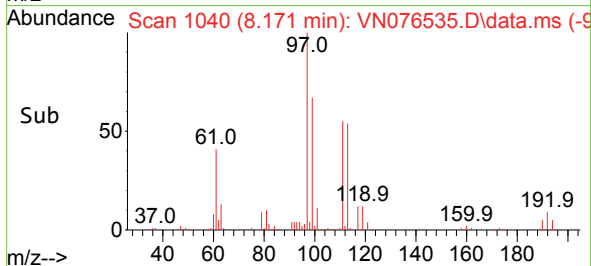
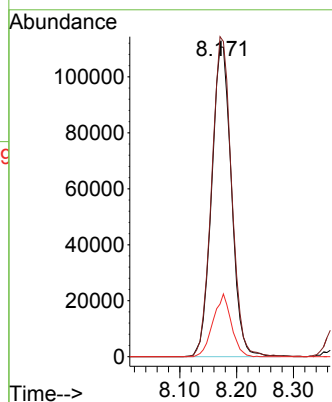
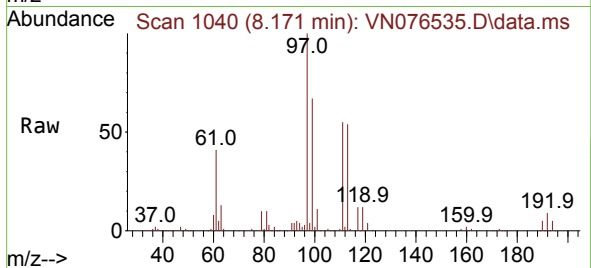
Tgt Ion:113 Resp: 267853

Ion Ratio Lower Upper

113 100

111 103.8 81.5 122.3

192 18.6 15.0 22.4



#36

1,1-Dichloropropene

Concen: 56.996 ug/l

RT: 8.377 min Scan# 1075

Delta R.T. -0.000 min

Lab File: VN076535.D

Acq: 06 Feb 2023 10:58

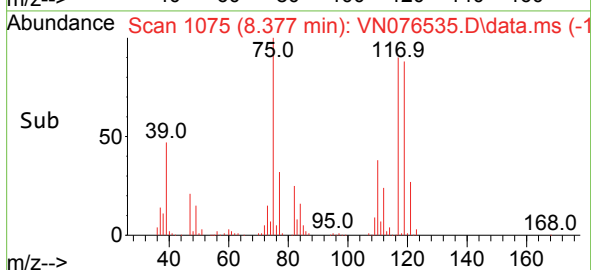
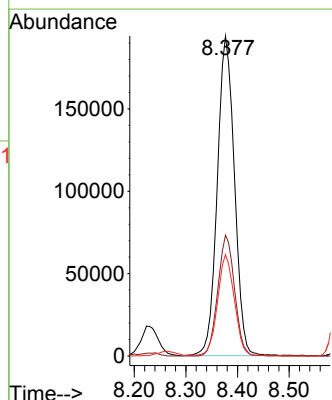
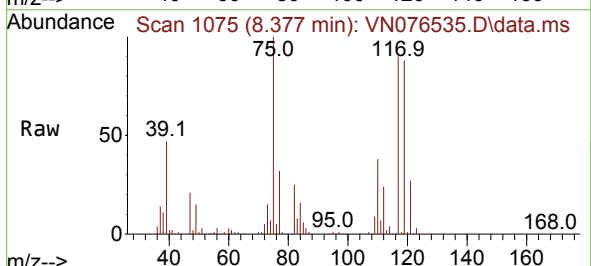
Tgt Ion: 75 Resp: 447751

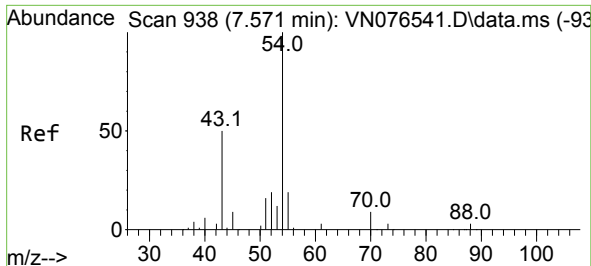
Ion Ratio Lower Upper

75 100

110 36.9 18.6 55.6

77 31.2 25.3 37.9

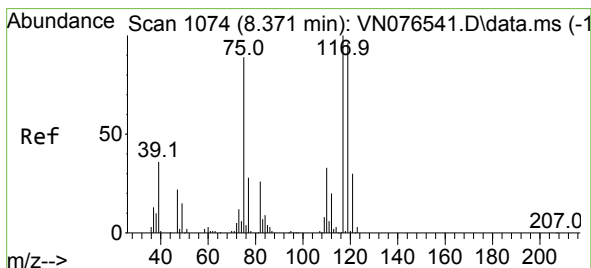
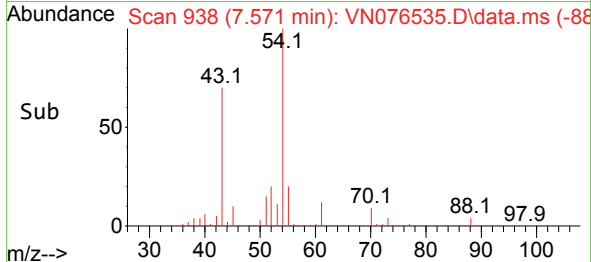
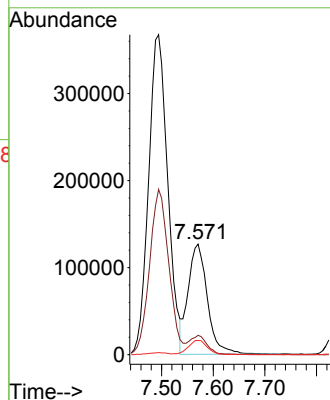
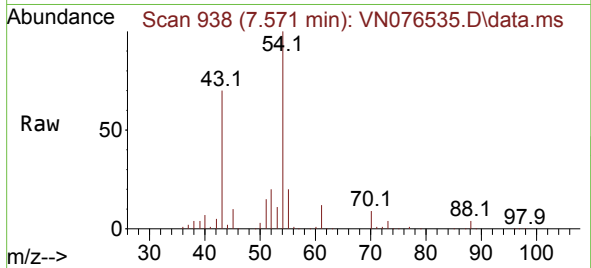




#37
Ethyl Acetate
Concen: 52.731 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN076535.D
Acq: 06 Feb 2023 10:58

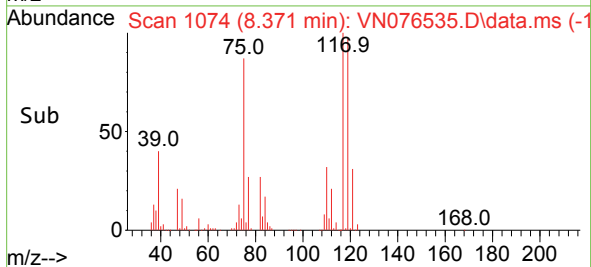
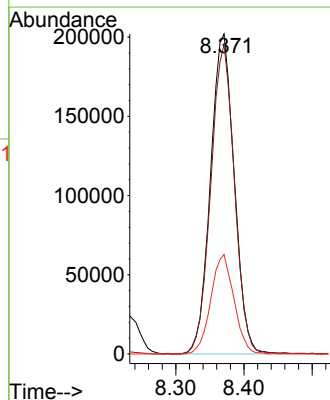
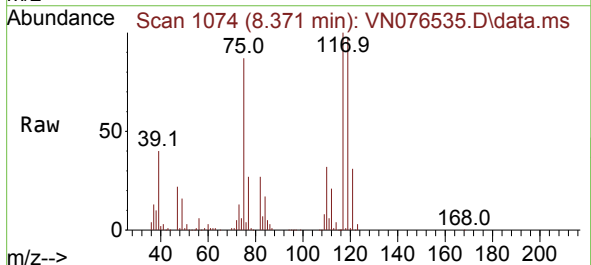
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

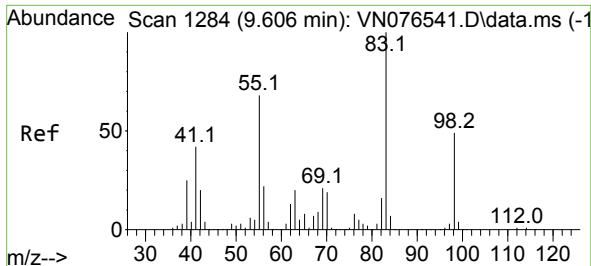
Tgt Ion: 43 Resp: 330414
Ion Ratio Lower Upper
43 100
61 15.1 11.8 17.6
70 12.3 10.2 15.4



#38
Carbon Tetrachloride
Concen: 57.258 ug/l
RT: 8.371 min Scan# 1074
Delta R.T. -0.000 min
Lab File: VN076535.D
Acq: 06 Feb 2023 10:58

Tgt Ion: 117 Resp: 490096
Ion Ratio Lower Upper
117 100
119 96.7 76.5 114.7
121 31.1 24.2 36.4





#39

Methylcyclohexane

Concen: 62.381 ug/l

RT: 9.606 min Scan# 1115

Delta R.T. -0.000 min

Lab File: VN076535.D

Acq: 06 Feb 2023 10:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

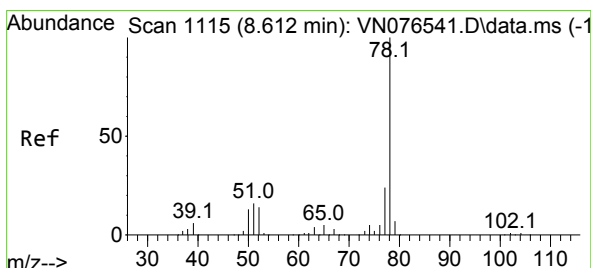
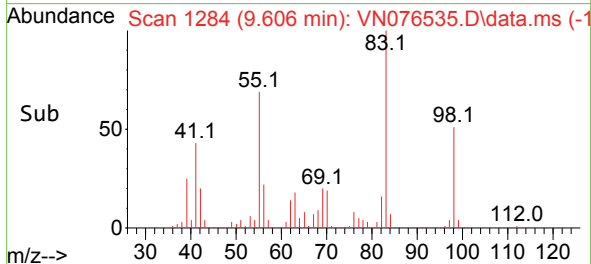
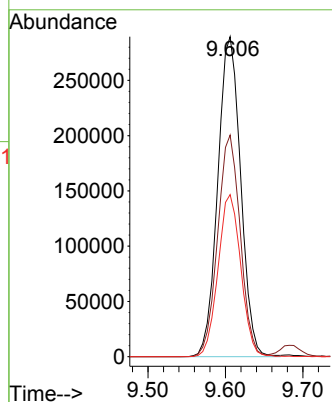
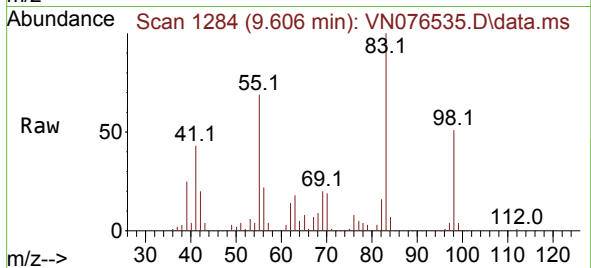
Tgt Ion: 83 Resp: 594454

Ion Ratio Lower Upper

83 100

55 69.3 54.1 81.1

98 50.6 39.5 59.3



#40

Benzene

Concen: 56.008 ug/l

RT: 8.612 min Scan# 1115

Delta R.T. -0.000 min

Lab File: VN076535.D

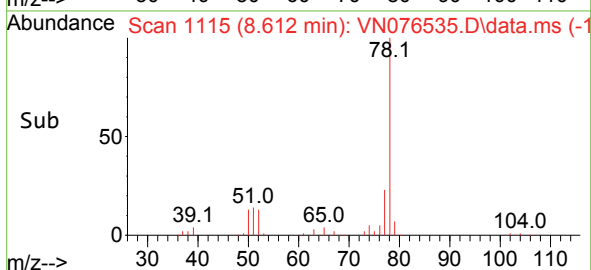
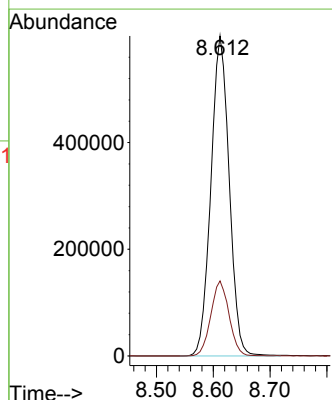
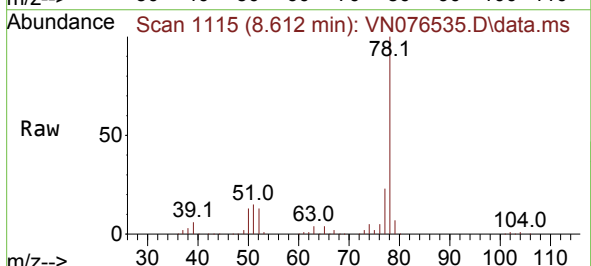
Acq: 06 Feb 2023 10:58

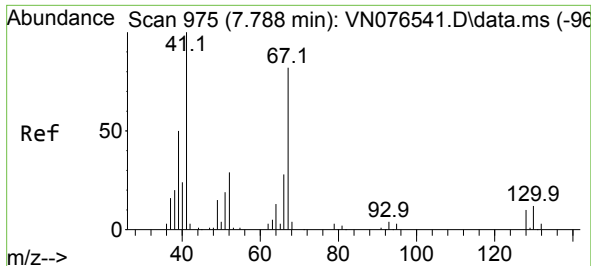
Tgt Ion: 78 Resp: 1339492

Ion Ratio Lower Upper

78 100

77 23.5 19.0 28.6



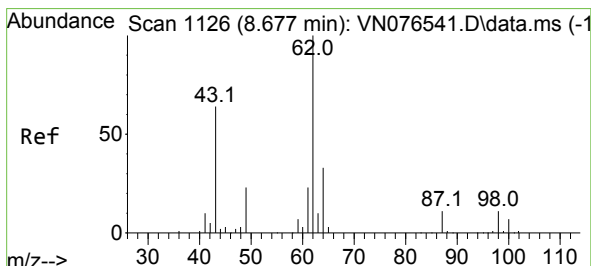
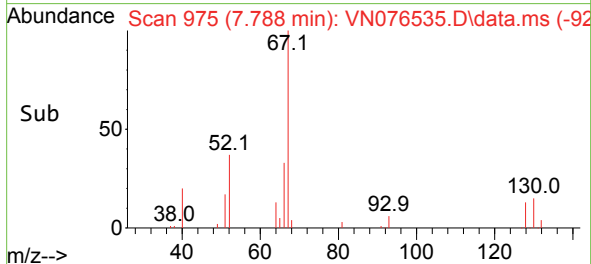
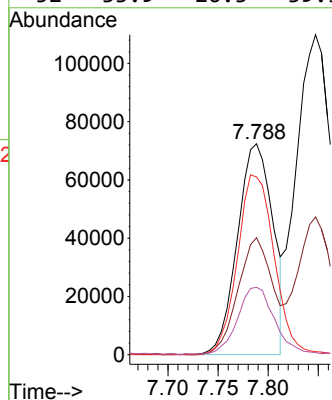
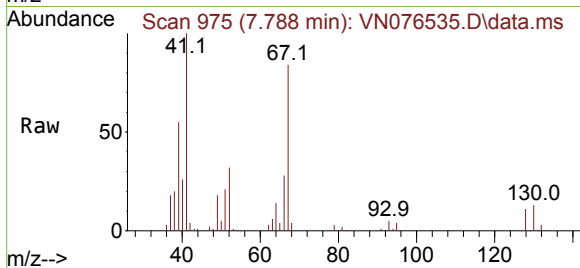


#41
Methacrylonitrile
Concen: 53.221 ug/l
RT: 7.788 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN076535.D
Acq: 06 Feb 2023 10:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 178096

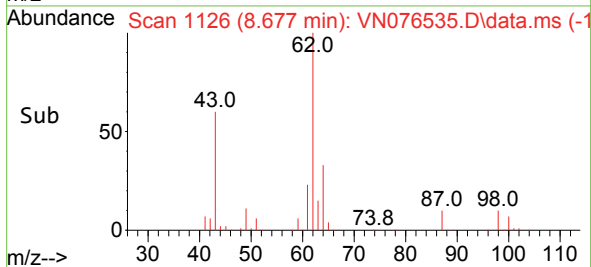
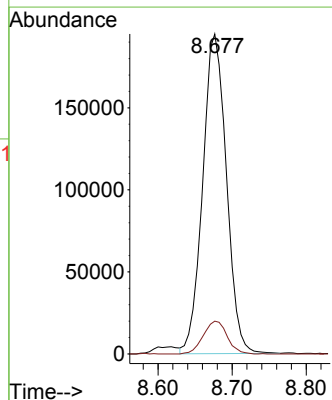
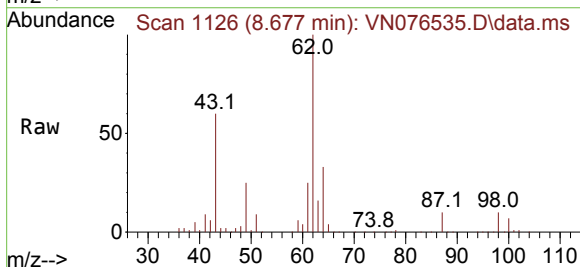
Ion	Ratio	Lower	Upper
41	100		
39	53.4	45.0	67.4
67	89.2	70.0	105.0
52	33.9	26.3	39.5

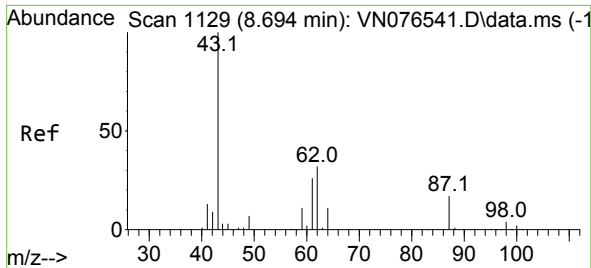


#42
1,2-Dichloroethane
Concen: 54.524 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN076535.D
Acq: 06 Feb 2023 10:58

Tgt Ion: 62 Resp: 433345

Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	21.0

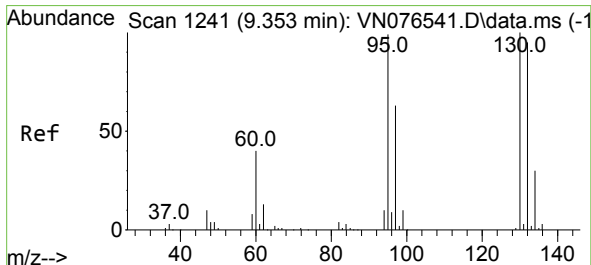
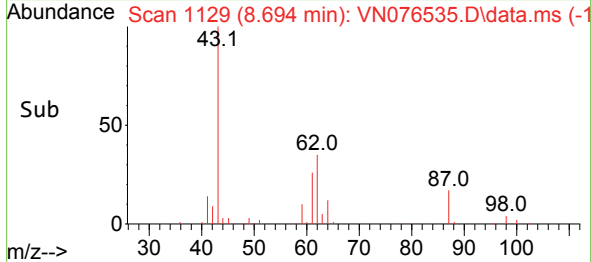
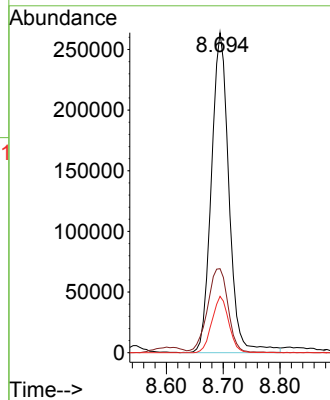
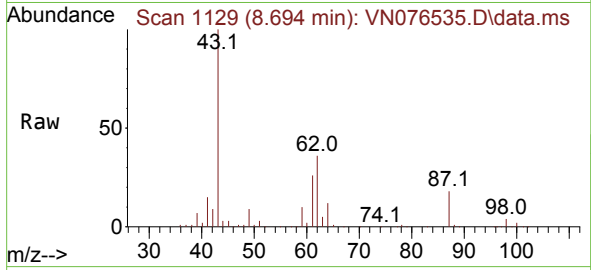




#43
Isopropyl Acetate
Concen: 55.678 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VN076535.D
Acq: 06 Feb 2023 10:58

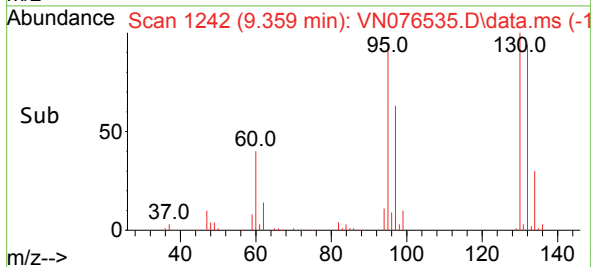
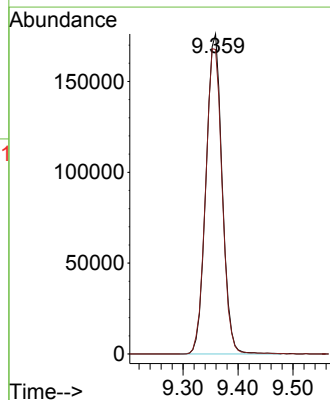
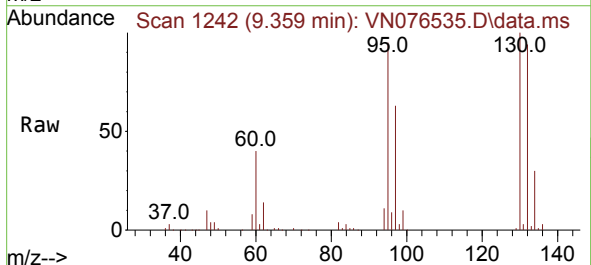
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

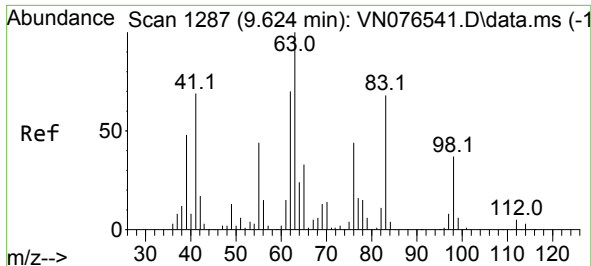
Tgt Ion: 43 Resp: 567375
Ion Ratio Lower Upper
43 100
61 30.5 24.6 36.8
87 16.8 13.3 19.9



#44
Trichloroethene
Concen: 56.025 ug/l
RT: 9.359 min Scan# 1242
Delta R.T. 0.006 min
Lab File: VN076535.D
Acq: 06 Feb 2023 10:58

Tgt Ion:130 Resp: 358230
Ion Ratio Lower Upper
130 100
95 95.1 0.0 197.6

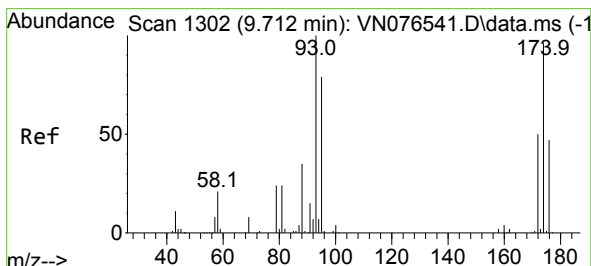
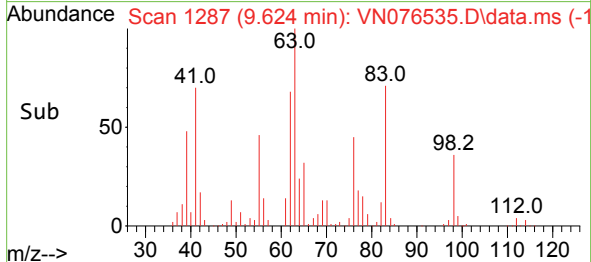
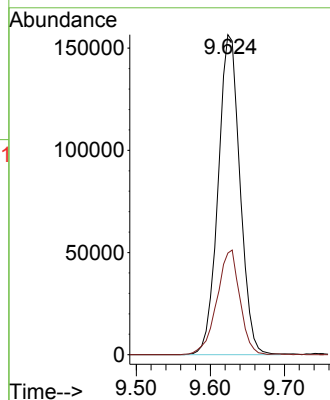
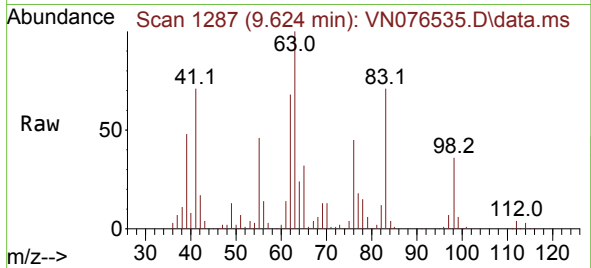




#45
1,2-Dichloropropane
Concen: 55.246 ug/l
RT: 9.624 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076535.D
Acq: 06 Feb 2023 10:58

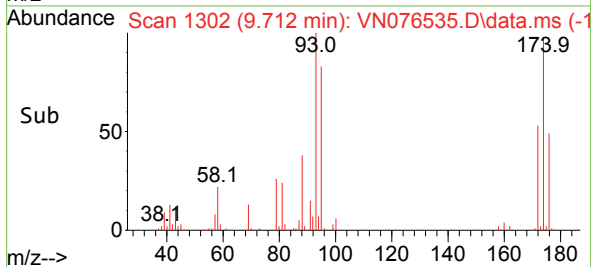
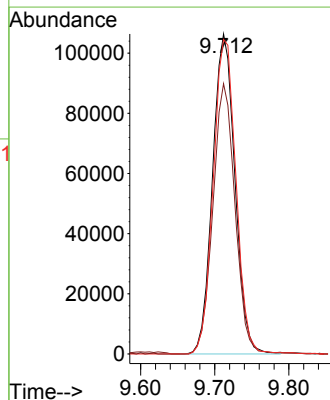
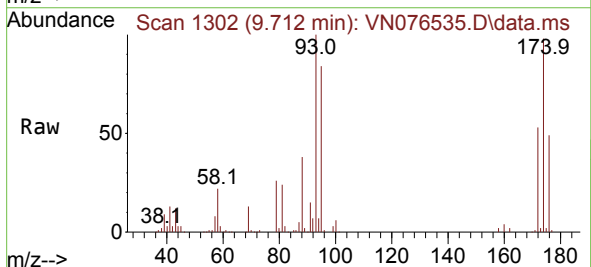
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

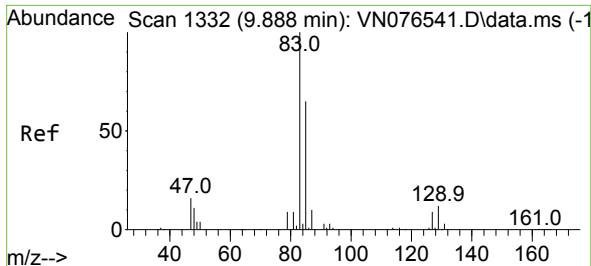
Tgt Ion: 63 Resp: 320547
Ion Ratio Lower Upper
63 100
65 31.7 26.2 39.4



#46
Dibromomethane
Concen: 53.561 ug/l
RT: 9.712 min Scan# 1302
Delta R.T. -0.000 min
Lab File: VN076535.D
Acq: 06 Feb 2023 10:58

Tgt Ion: 93 Resp: 222863
Ion Ratio Lower Upper
93 100
95 84.0 66.2 99.2
174 100.0 78.4 117.6





#47

Bromodichloromethane

Concen: 56.657 ug/l

RT: 9.888 min Scan# 1332

Delta R.T. -0.000 min

Lab File: VN076535.D

Acq: 06 Feb 2023 10:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

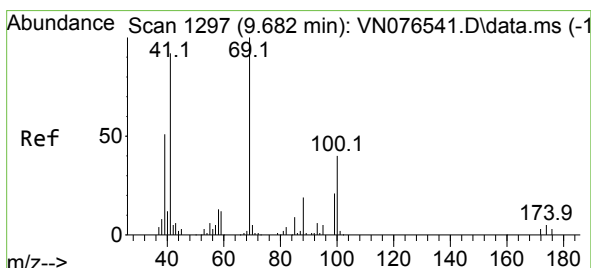
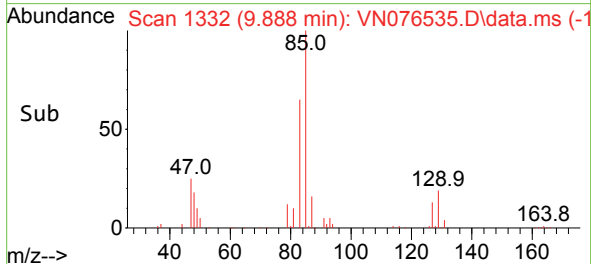
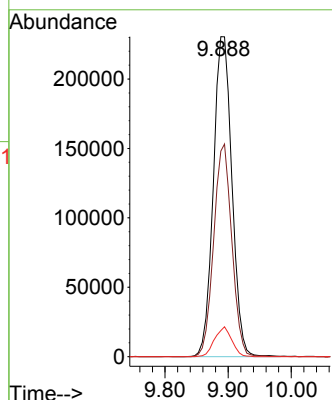
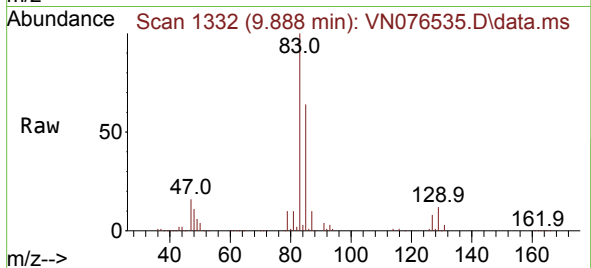
Tgt Ion: 83 Resp: 471768

Ion Ratio Lower Upper

83 100

85 64.2 52.0 78.0

127 8.2 7.1 10.7



#48

Methyl methacrylate

Concen: 55.895 ug/l

RT: 9.682 min Scan# 1297

Delta R.T. -0.000 min

Lab File: VN076535.D

Acq: 06 Feb 2023 10:58

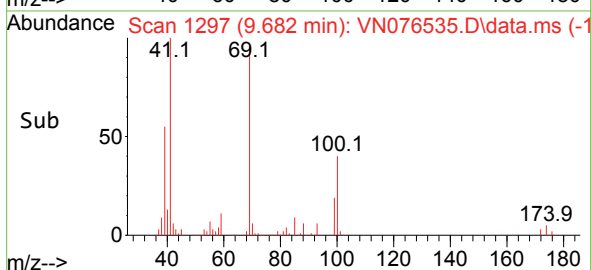
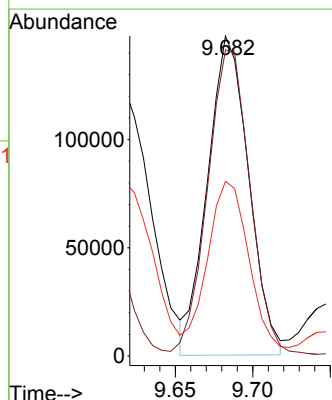
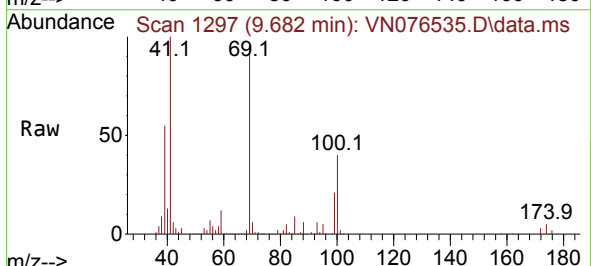
Tgt Ion: 41 Resp: 272065

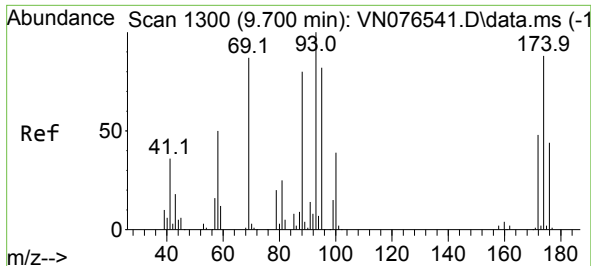
Ion Ratio Lower Upper

41 100

69 99.8 82.0 123.0

39 56.5 45.0 67.4





#49

1,4-Dioxane

Concen: 793.150 ug/l

RT: 9.706 min Scan# 1300

Delta R.T. 0.006 min

Lab File: VN076535.D

Acq: 06 Feb 2023 10:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

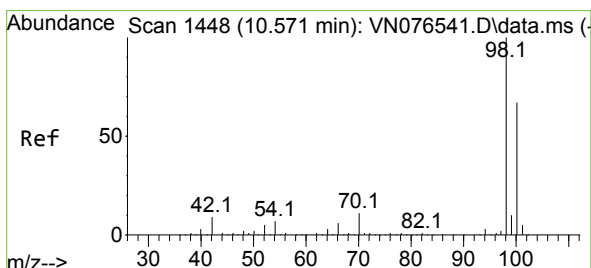
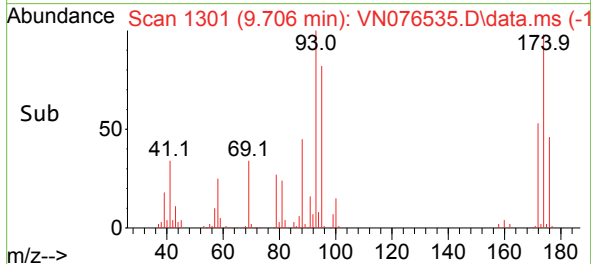
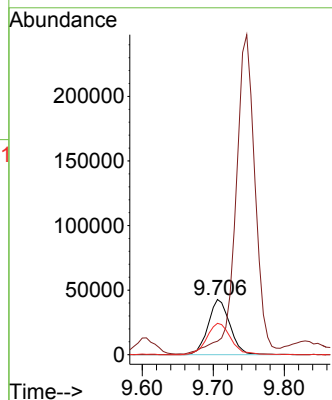
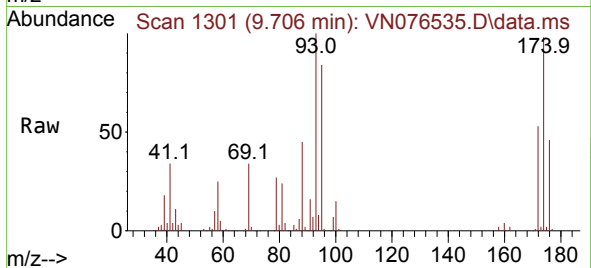
Tgt Ion: 88 Resp: 90942

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 63.3 51.1 76.7



#50

Toluene-d8

Concen: 47.684 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN076535.D

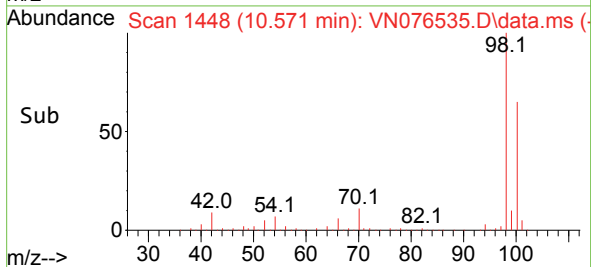
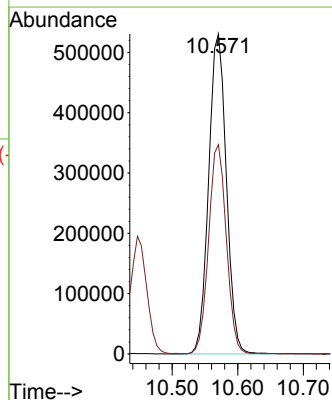
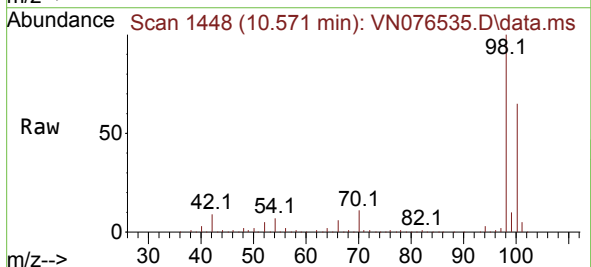
Acq: 06 Feb 2023 10:58

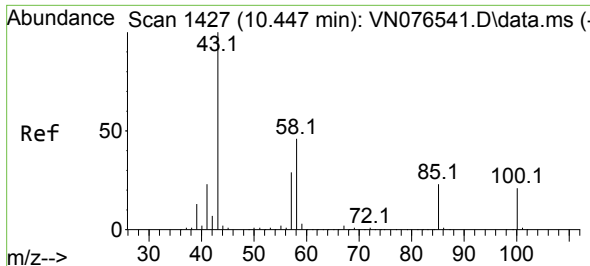
Tgt Ion: 98 Resp: 996051

Ion Ratio Lower Upper

98 100

100 65.5 52.7 79.1





#51

4-Methyl-2-Pentanone

Concen: 267.112 ug/l

RT: 10.447 min Scan# 1427

Delta R.T. -0.000 min

Lab File: VN076535.D

Acq: 06 Feb 2023 10:58

Instrument :

MSVOA_N

ClientSampleId :

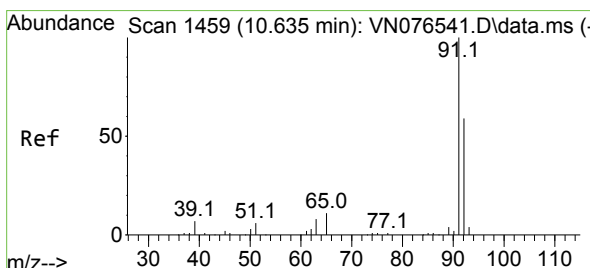
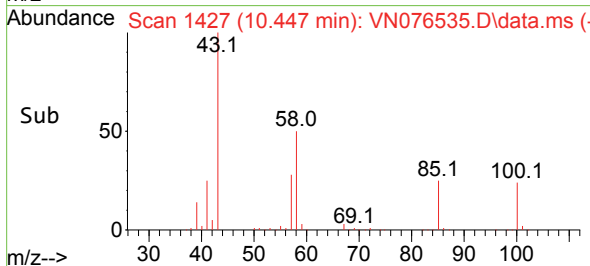
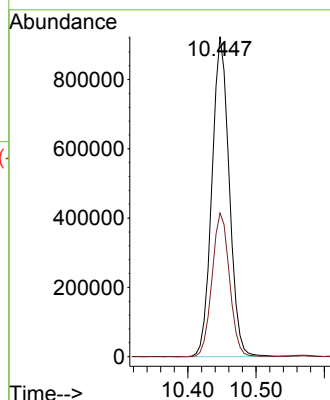
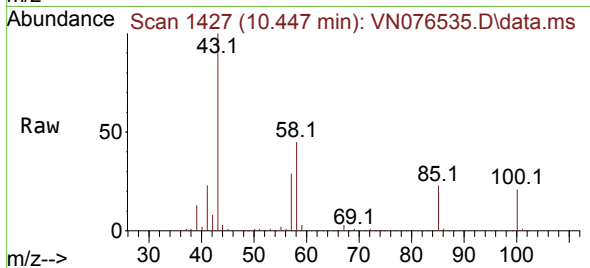
VSTDCCC050

Tgt Ion: 43 Resp: 1631306

Ion Ratio Lower Upper

43 100

58 45.4 36.4 54.6



#52

Toluene

Concen: 57.426 ug/l

RT: 10.635 min Scan# 1459

Delta R.T. -0.000 min

Lab File: VN076535.D

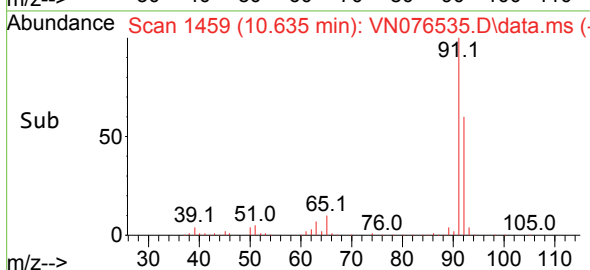
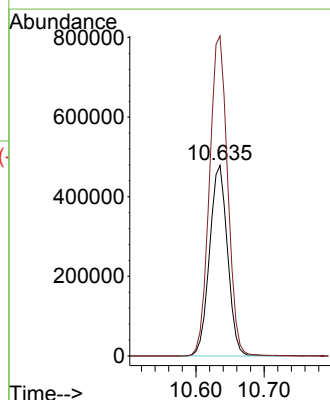
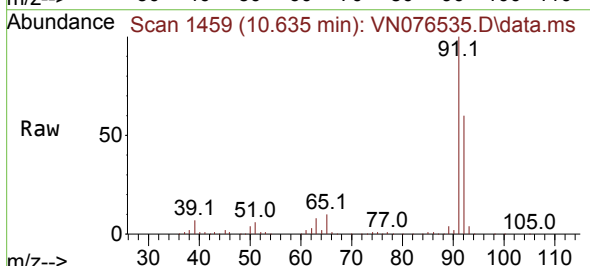
Acq: 06 Feb 2023 10:58

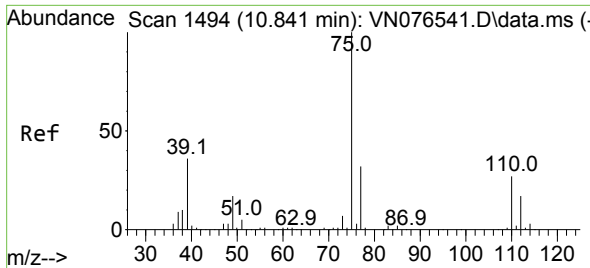
Tgt Ion: 92 Resp: 876555

Ion Ratio Lower Upper

92 100

91 170.4 136.8 205.2

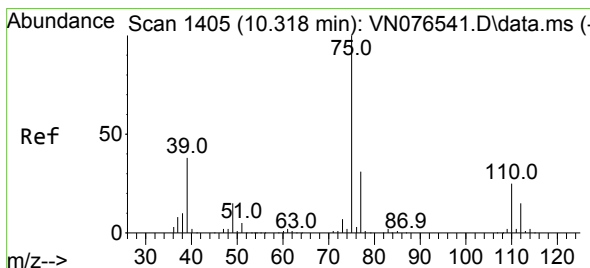
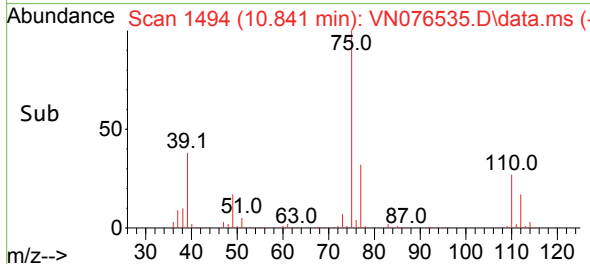
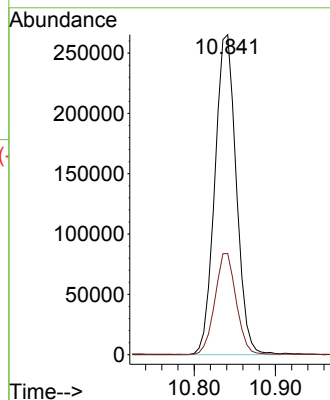
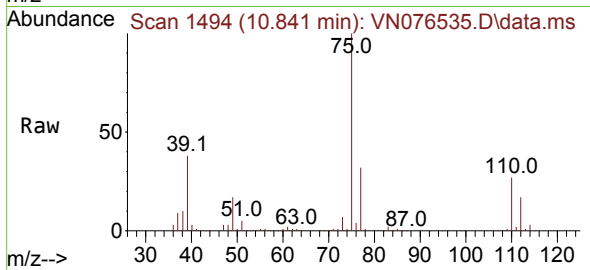




#53
 t-1,3-Dichloropropene
 Concen: 60.403 ug/l
 RT: 10.841 min Scan# 1494
 Delta R.T. -0.000 min
 Lab File: VN076535.D
 Acq: 06 Feb 2023 10:58

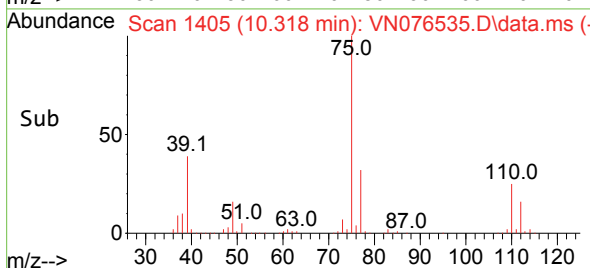
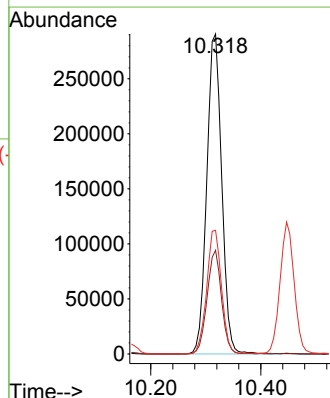
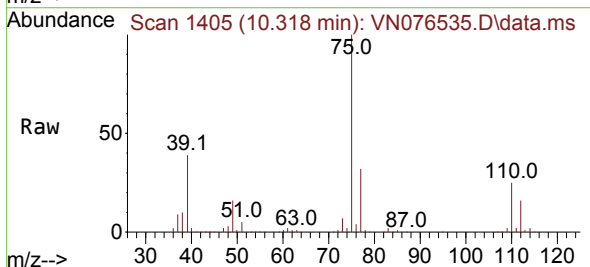
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

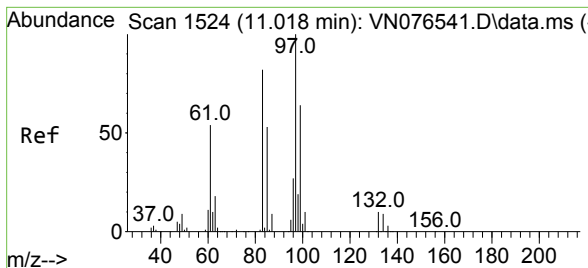
Tgt Ion: 75 Resp: 486815
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.6 38.4



#54
 cis-1,3-Dichloropropene
 Concen: 60.259 ug/l
 RT: 10.318 min Scan# 1405
 Delta R.T. -0.000 min
 Lab File: VN076535.D
 Acq: 06 Feb 2023 10:58

Tgt Ion: 75 Resp: 547938
 Ion Ratio Lower Upper
 75 100
 77 32.4 25.1 37.7
 39 38.6 30.6 45.8

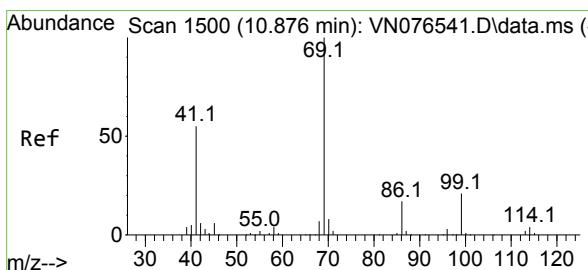
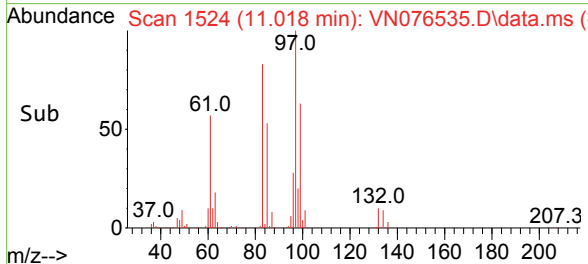
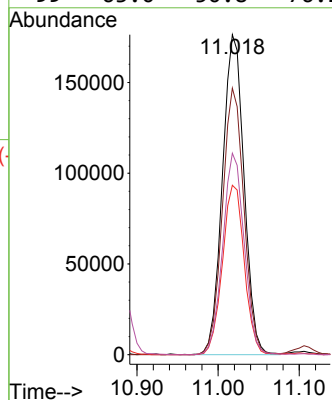
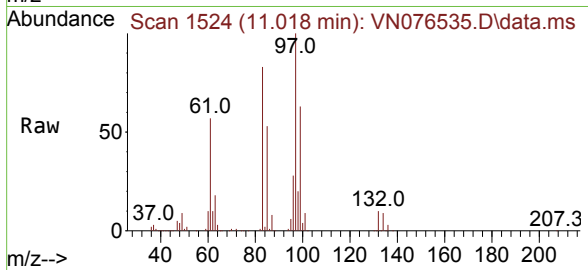




#55
1,1,2-Trichloroethane
Concen: 54.643 ug/l
RT: 11.018 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN076535.D
Acq: 06 Feb 2023 10:58

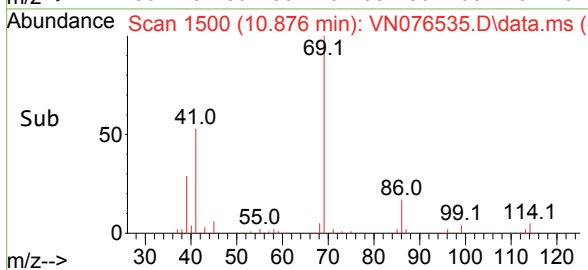
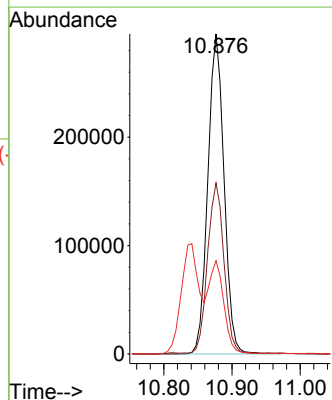
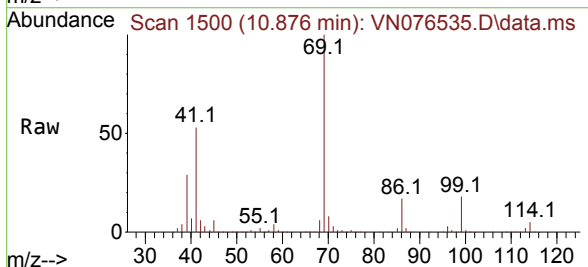
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

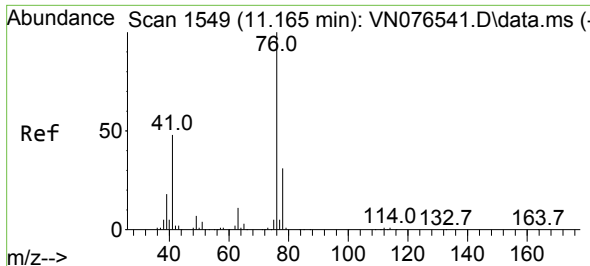
Tgt Ion:	97	Resp:	326472
Ion	Ratio	Lower	Upper
97	100		
83	83.3	65.8	98.6
85	53.0	42.3	63.5
99	63.0	50.8	76.2



#56
Ethyl methacrylate
Concen: 60.909 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VN076535.D
Acq: 06 Feb 2023 10:58

Tgt Ion:	69	Resp:	488465
Ion	Ratio	Lower	Upper
69	100		
41	53.6	43.8	65.6
39	27.2	21.4	32.2





#57

1,3-Dichloropropane

Concen: 55.466 ug/l

RT: 11.165 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN076535.D

Acq: 06 Feb 2023 10:58

Instrument :

MSVOA_N

ClientSampleId :

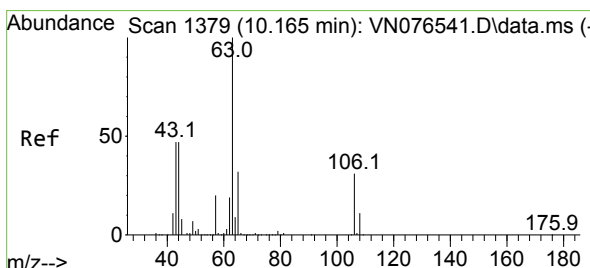
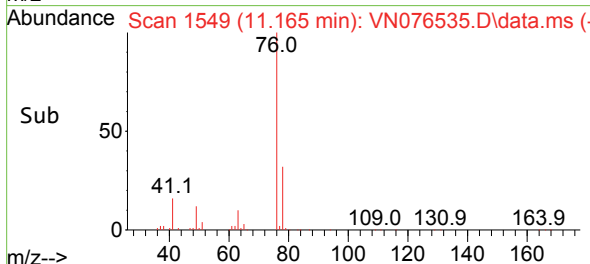
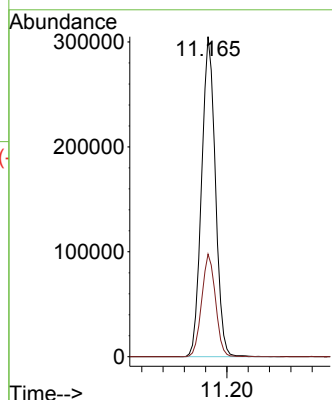
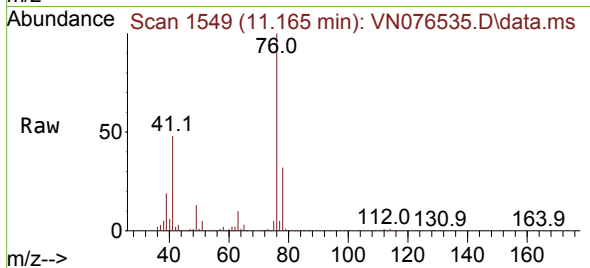
VSTDCCC050

Tgt Ion: 76 Resp: 546937

Ion Ratio Lower Upper

76 100

78 32.0 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 315.548 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. -0.000 min

Lab File: VN076535.D

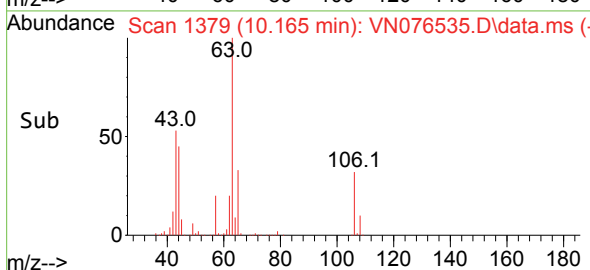
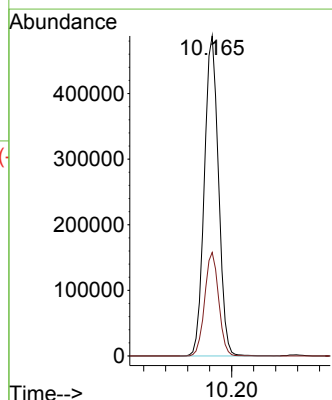
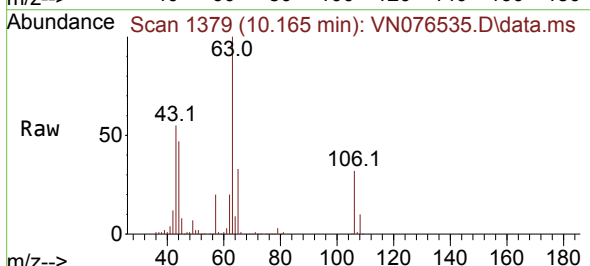
Acq: 06 Feb 2023 10:58

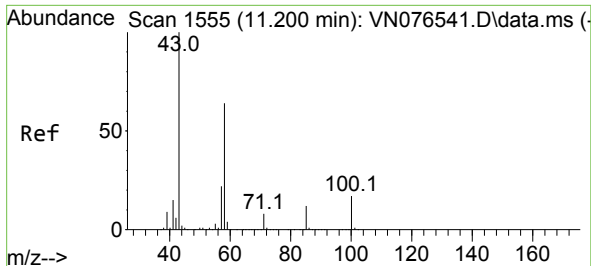
Tgt Ion: 63 Resp: 871564

Ion Ratio Lower Upper

63 100

106 31.9 25.0 37.6

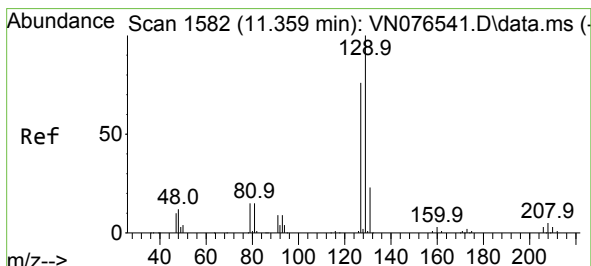
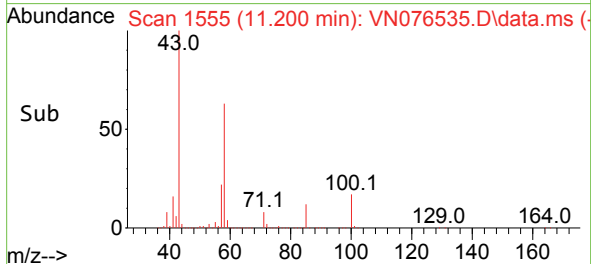
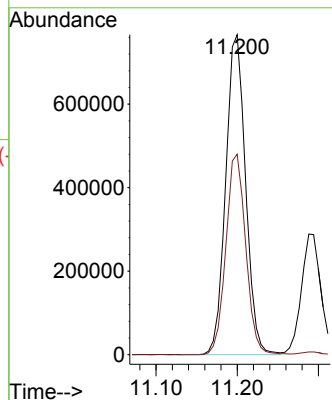
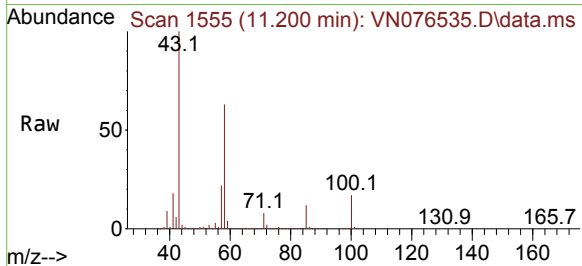




#59
2-Hexanone
Concen: 293.956 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN076535.D
Acq: 06 Feb 2023 10:58

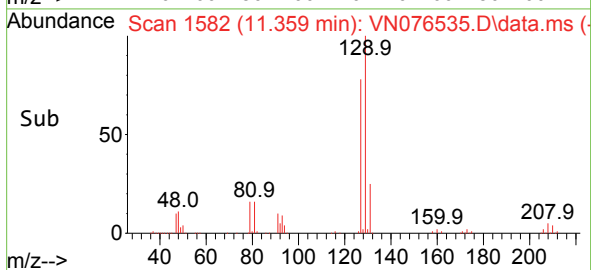
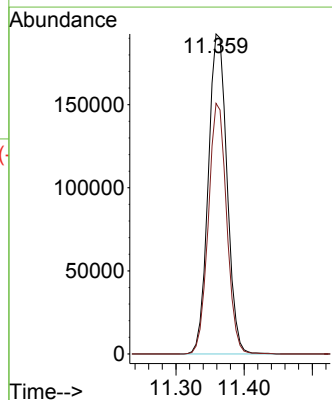
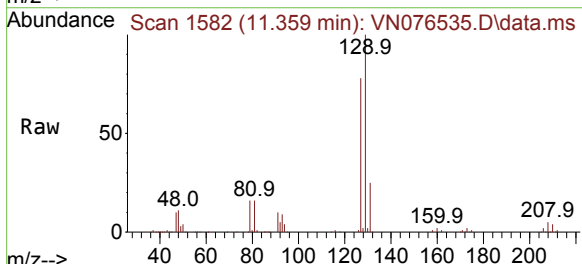
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

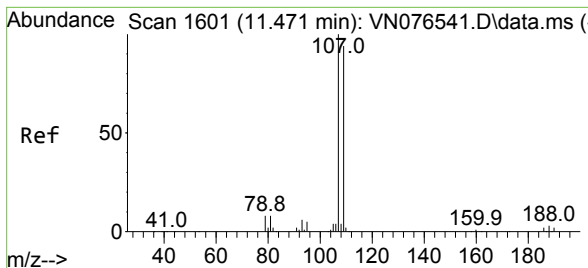
Tgt Ion: 43 Resp: 1304291
Ion Ratio Lower Upper
43 100
58 62.7 31.9 95.7



#60
Dibromochloromethane
Concen: 58.002 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VN076535.D
Acq: 06 Feb 2023 10:58

Tgt Ion:129 Resp: 368246
Ion Ratio Lower Upper
129 100
127 76.4 38.5 115.3

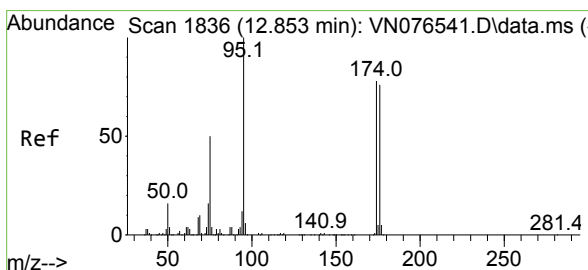
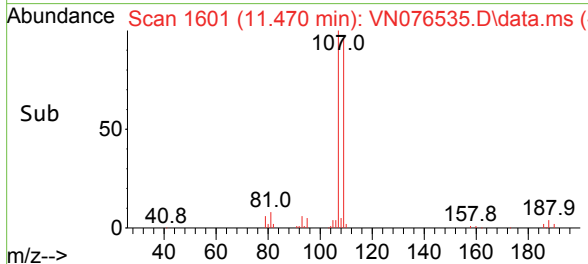
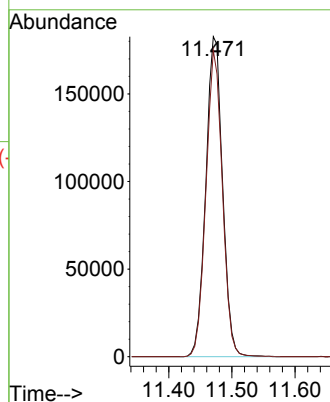
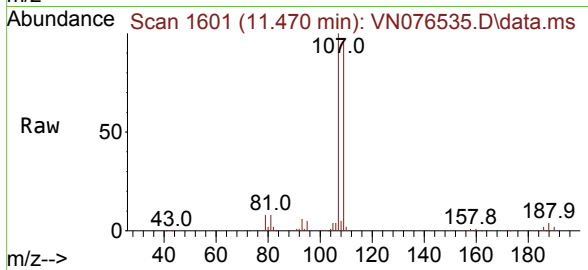




#61
1,2-Dibromoethane
Concen: 56.555 ug/l
RT: 11.470 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VN076535.D
Acq: 06 Feb 2023 10:58

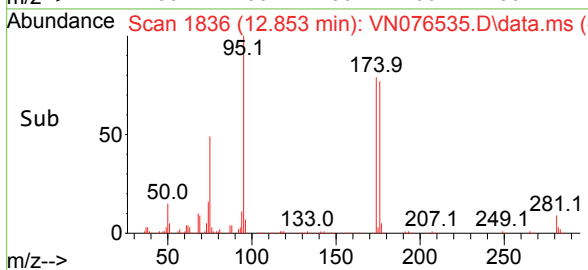
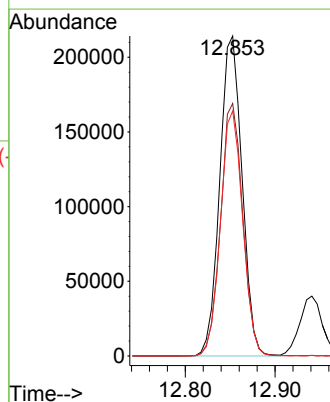
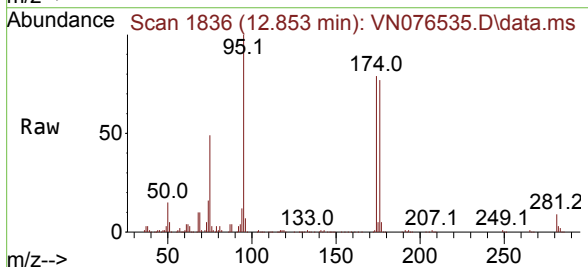
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

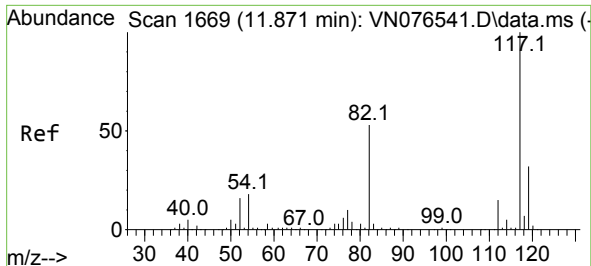
Tgt Ion:107 Resp: 337539
Ion Ratio Lower Upper
107 100
109 93.6 74.9 112.3



#62
4-Bromofluorobenzene
Concen: 51.052 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN076535.D
Acq: 06 Feb 2023 10:58

Tgt Ion: 95 Resp: 369602
Ion Ratio Lower Upper
95 100
174 78.5 0.0 153.4
176 76.2 0.0 149.0

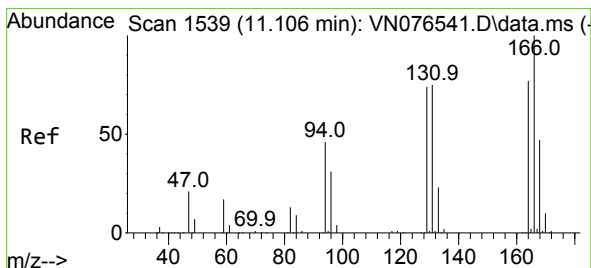
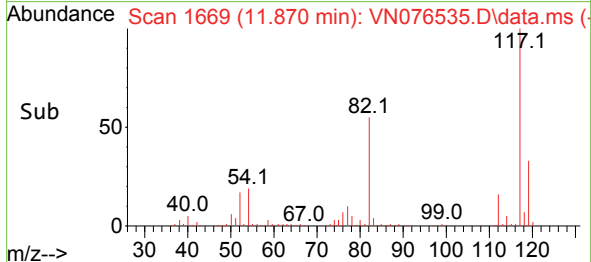
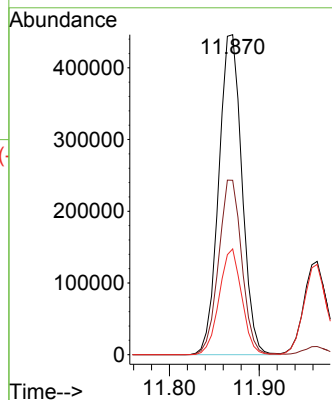
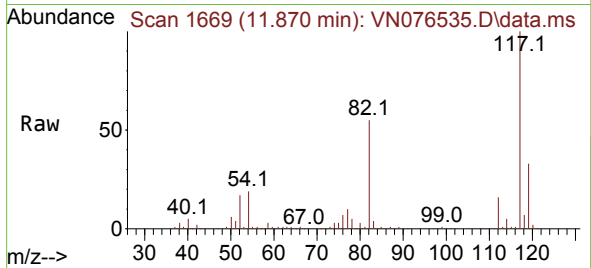




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN076535.D
Acq: 06 Feb 2023 10:58

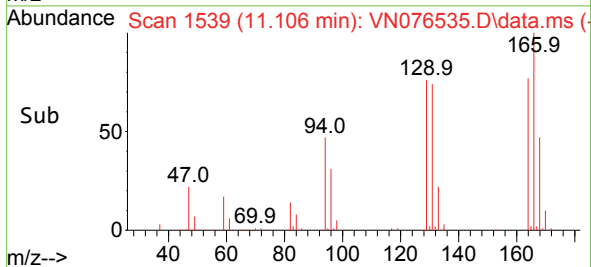
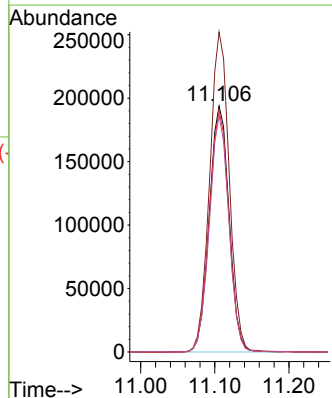
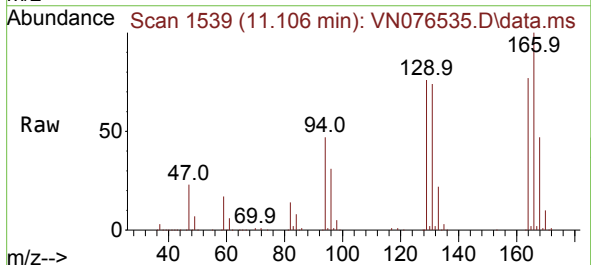
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

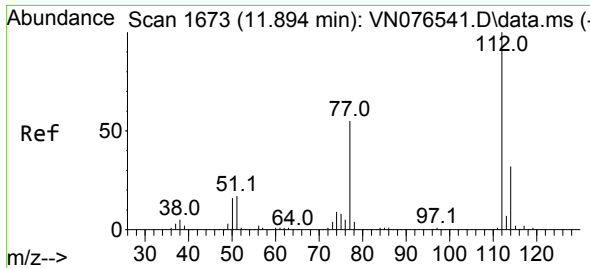
Tgt Ion:117 Resp: 801785
Ion Ratio Lower Upper
117 100
82 54.5 42.4 63.6
119 33.1 25.8 38.8



#64
Tetrachloroethene
Concen: 53.205 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN076535.D
Acq: 06 Feb 2023 10:58

Tgt Ion:164 Resp: 360109
Ion Ratio Lower Upper
164 100
166 130.1 104.3 156.5
129 98.2 77.7 116.5
131 96.1 78.2 117.2

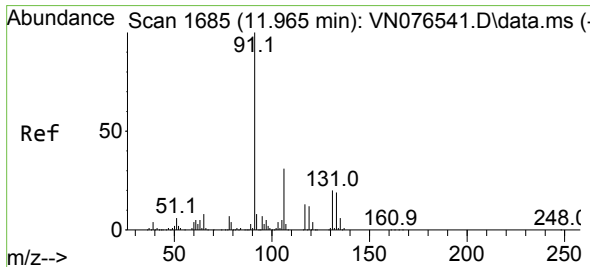
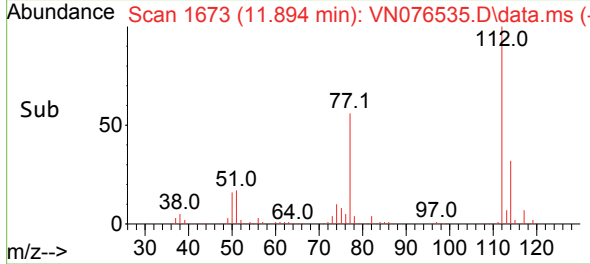
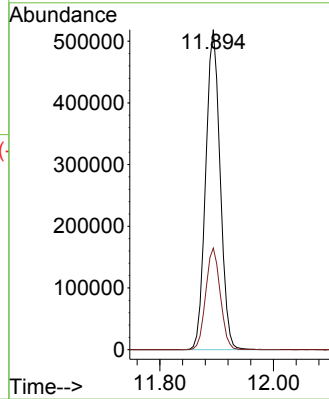
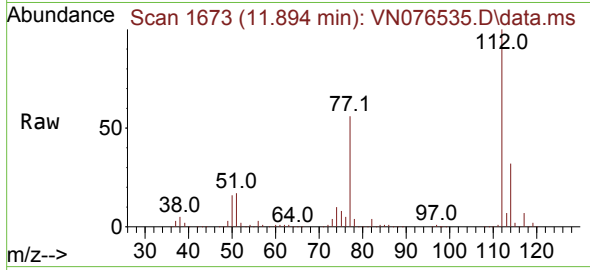




#65
Chlorobenzene
Concen: 55.091 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VN076535.D
Acq: 06 Feb 2023 10:58

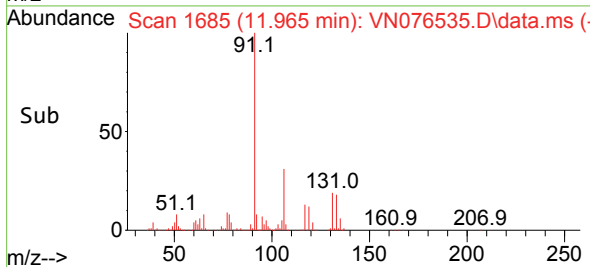
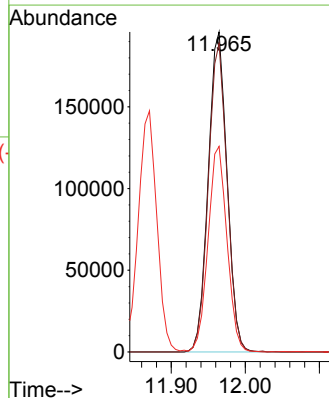
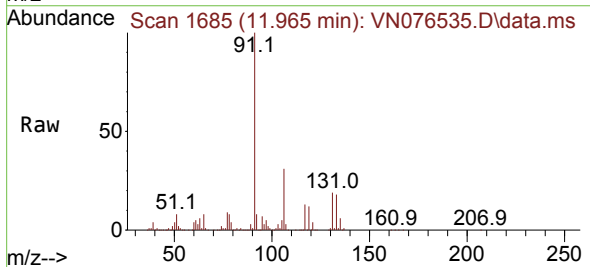
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

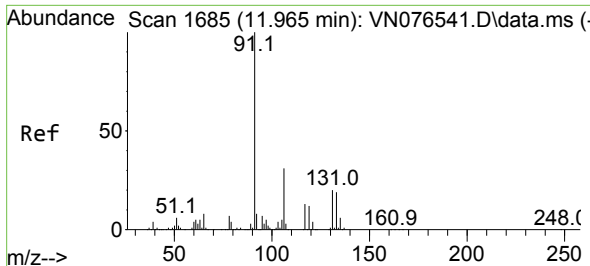
Tgt Ion:112 Resp: 913459
Ion Ratio Lower Upper
112 100
114 31.8 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 56.834 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN076535.D
Acq: 06 Feb 2023 10:58

Tgt Ion:131 Resp: 345350
Ion Ratio Lower Upper
131 100
133 96.1 47.5 142.5
119 64.8 31.6 94.7

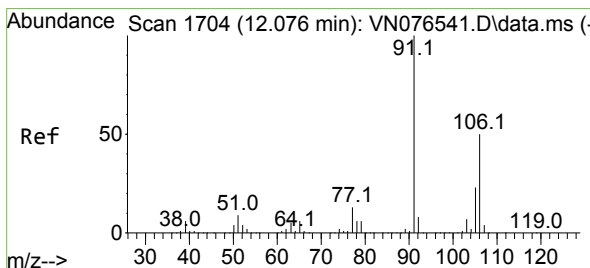
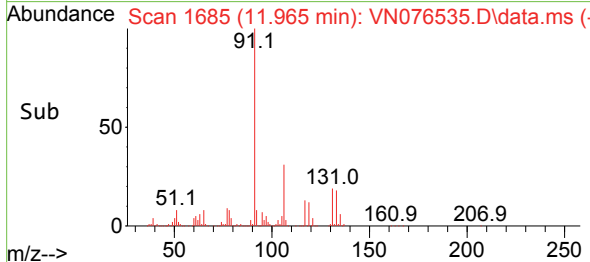
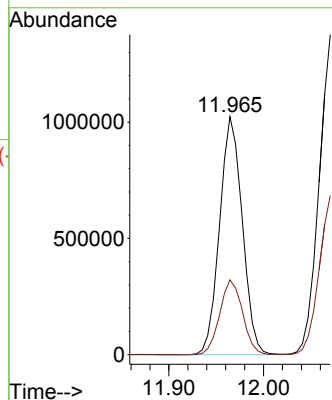
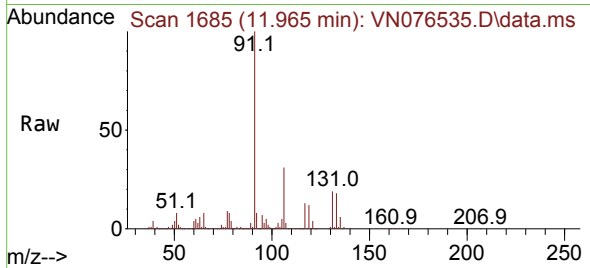




#67
Ethyl Benzene
Concen: 58.427 ug/l
RT: 11.965 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076535.D
Acq: 06 Feb 2023 10:58

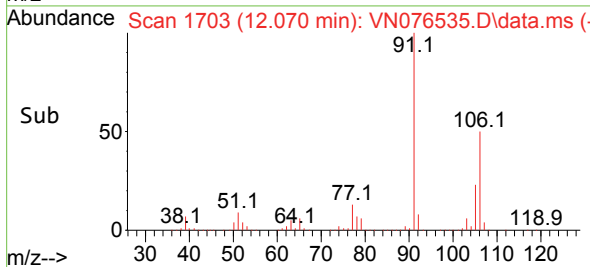
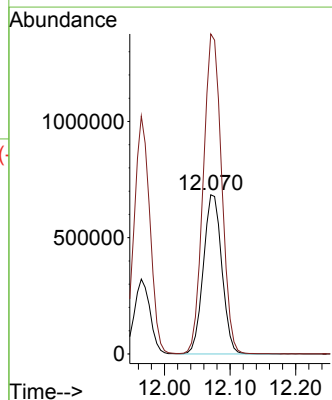
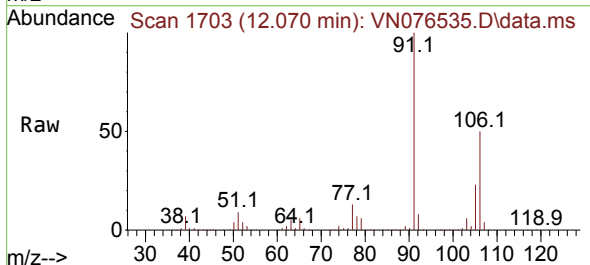
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

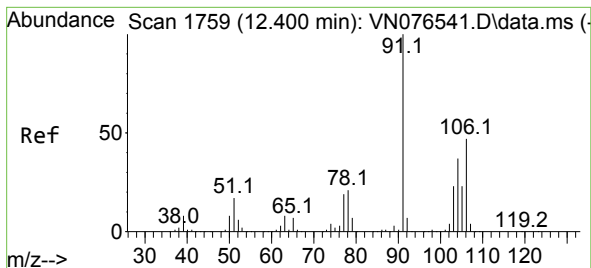
Tgt Ion: 91 Resp: 1705330
Ion Ratio Lower Upper
91 100
106 31.5 25.0 37.6



#68
m/p-Xylenes
Concen: 118.543 ug/l
RT: 12.070 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VN076535.D
Acq: 06 Feb 2023 10:58

Tgt Ion:106 Resp: 1341827
Ion Ratio Lower Upper
106 100
91 199.8 160.2 240.4





#69

o-Xylene

Concen: 58.817 ug/l

RT: 12.400 min Scan# 1759

Delta R.T. -0.000 min

Lab File: VN076535.D

Acq: 06 Feb 2023 10:58

Instrument :

MSVOA_N

ClientSampleId :

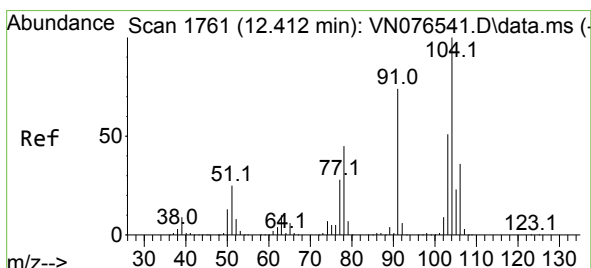
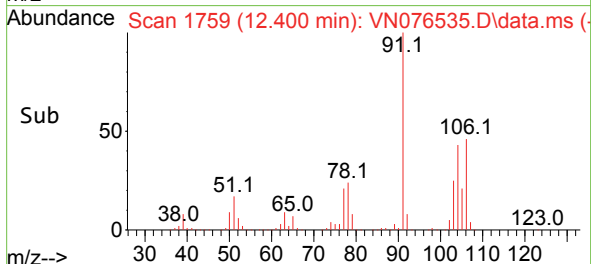
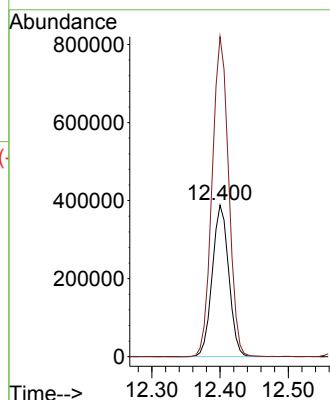
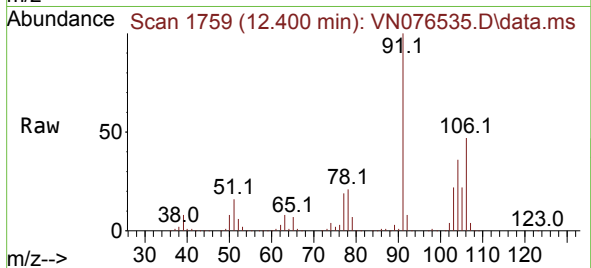
VSTDCCC050

Tgt Ion:106 Resp: 654318

Ion Ratio Lower Upper

106 100

91 211.8 105.7 317.0



#70

Styrene

Concen: 60.913 ug/l

RT: 12.412 min Scan# 1761

Delta R.T. -0.000 min

Lab File: VN076535.D

Acq: 06 Feb 2023 10:58

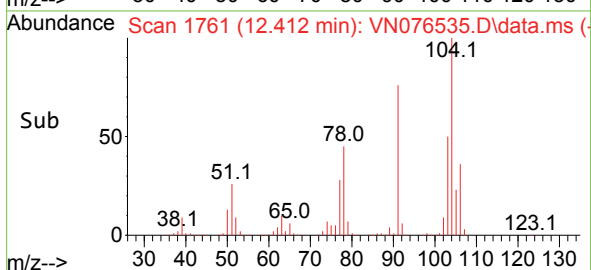
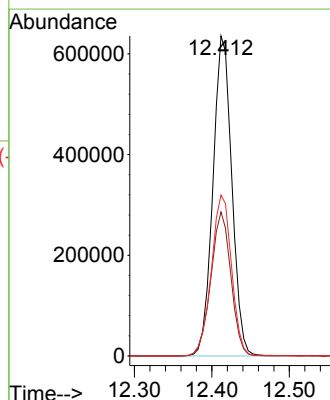
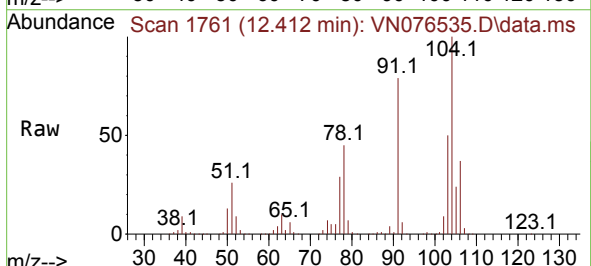
Tgt Ion:104 Resp: 1077717

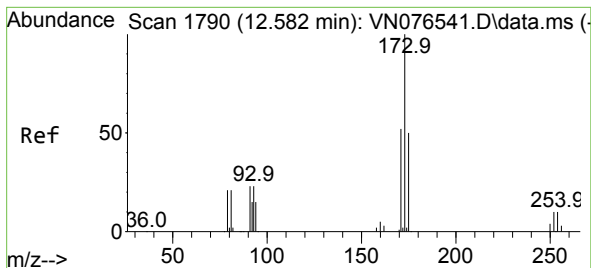
Ion Ratio Lower Upper

104 100

78 47.7 38.6 58.0

103 53.8 43.6 65.4





#71

Bromoform

Concen: 58.345 ug/l

RT: 12.582 min Scan# 1790

Delta R.T. -0.000 min

Lab File: VN076535.D

Acq: 06 Feb 2023 10:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

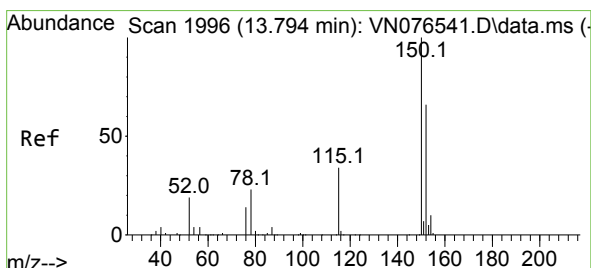
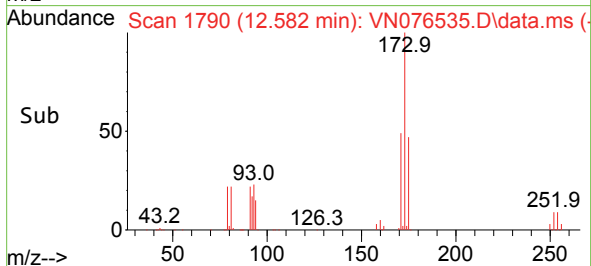
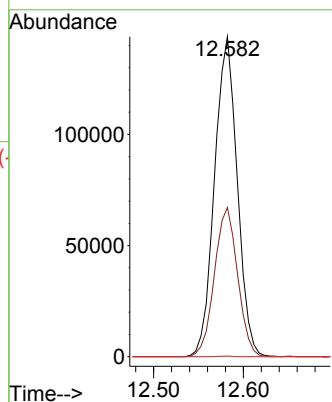
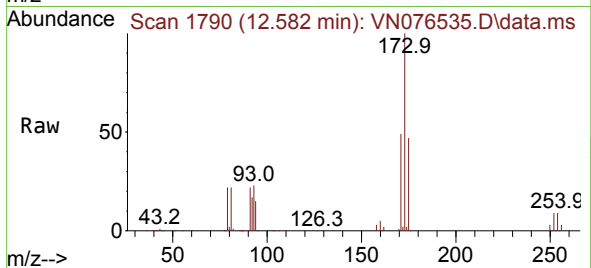
Tgt Ion:173 Resp: 252993

Ion Ratio Lower Upper

173 100

175 47.5 24.6 74.0

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 1996

Delta R.T. -0.000 min

Lab File: VN076535.D

Acq: 06 Feb 2023 10:58

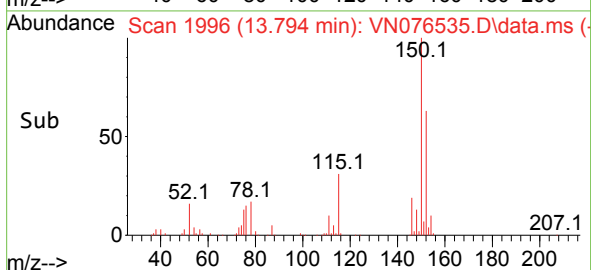
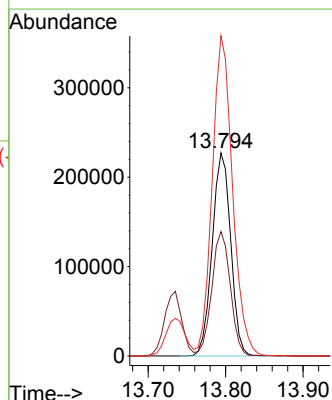
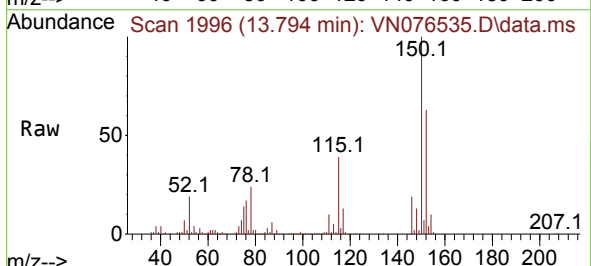
Tgt Ion:152 Resp: 377686

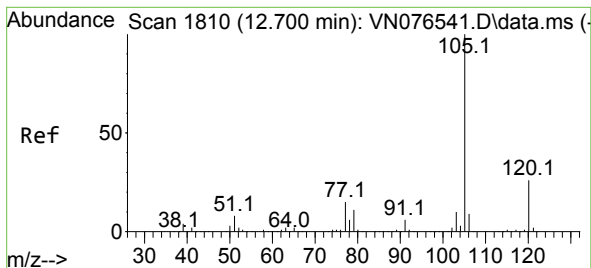
Ion Ratio Lower Upper

152 100

115 61.5 30.5 91.5

150 173.1 0.0 352.0





#73

Isopropylbenzene

Concen: 57.366 ug/l

RT: 12.700 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VN076535.D

Acq: 06 Feb 2023 10:58

Instrument :

MSVOA_N

ClientSampleId :

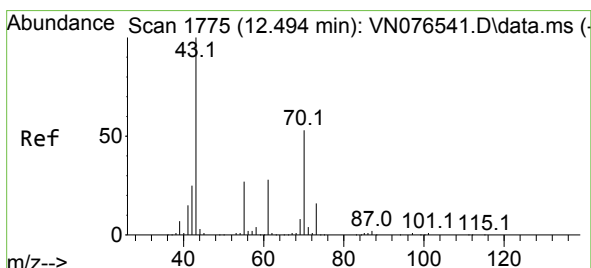
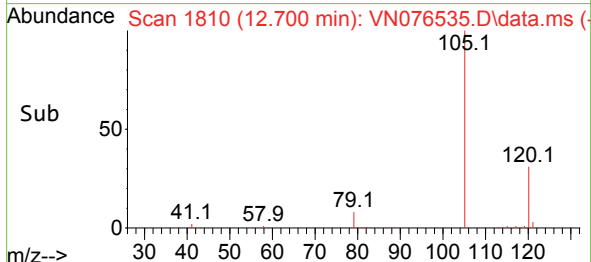
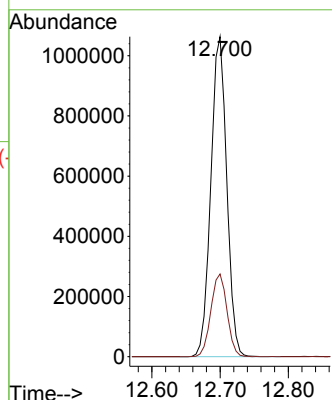
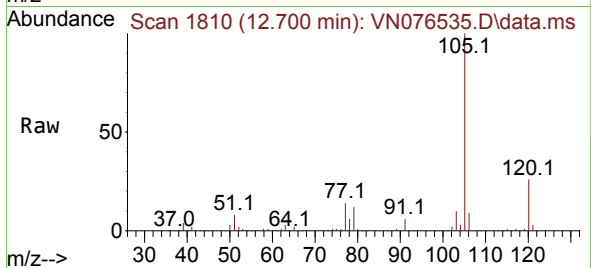
VSTDCCC050

Tgt Ion:105 Resp: 1726984

Ion Ratio Lower Upper

105 100

120 26.2 13.0 39.0



#74

N-ethyl acetate

Concen: 53.926 ug/l

RT: 12.494 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VN076535.D

Acq: 06 Feb 2023 10:58

Tgt Ion: 43 Resp: 473197

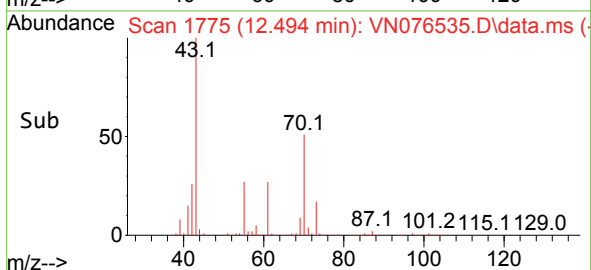
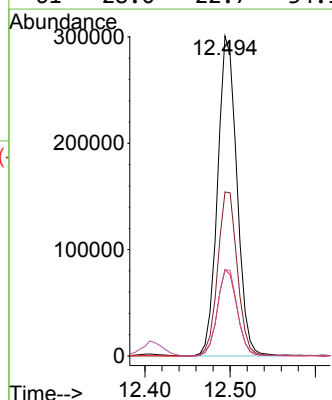
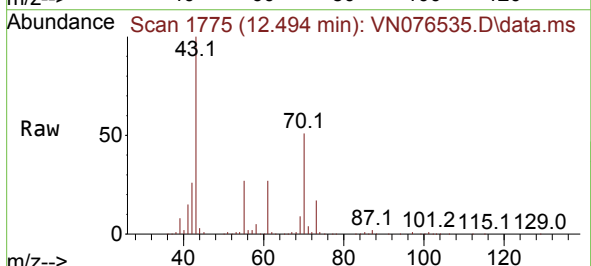
Ion Ratio Lower Upper

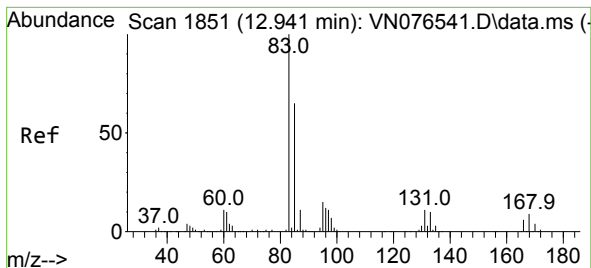
43 100

70 52.3 42.6 64.0

55 27.6 22.3 33.5

61 28.0 22.7 34.1





#75

1,1,2,2-Tetrachloroethane

Concen: 48.551 ug/l

RT: 12.941 min Scan# 1851

Delta R.T. -0.000 min

Lab File: VN076535.D

Acq: 06 Feb 2023 10:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

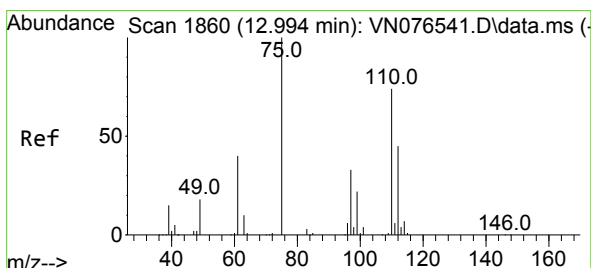
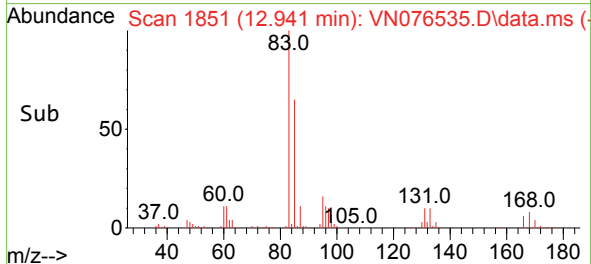
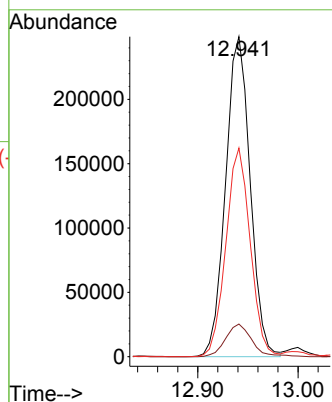
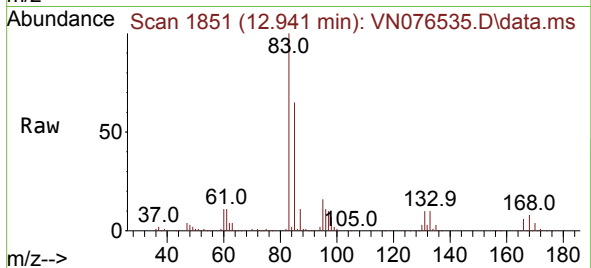
Tgt Ion: 83 Resp: 423626

Ion Ratio Lower Upper

83 100

131 10.9 5.5 16.7

85 64.5 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 70.800 ug/l

RT: 12.994 min Scan# 1860

Delta R.T. -0.000 min

Lab File: VN076535.D

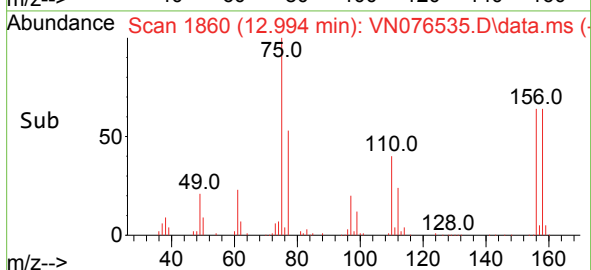
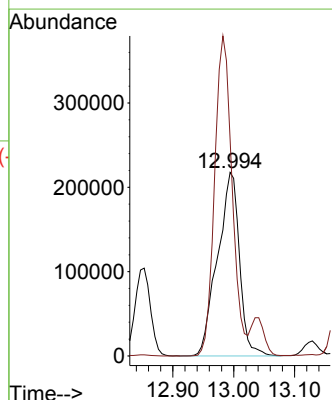
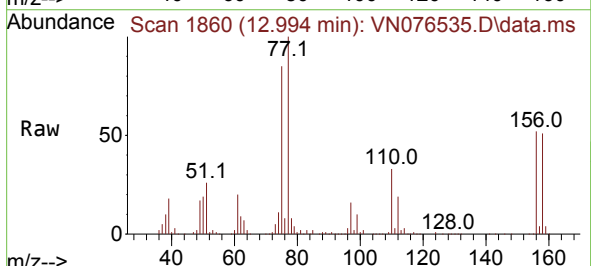
Acq: 06 Feb 2023 10:58

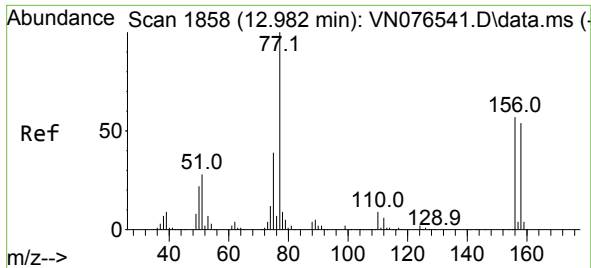
Tgt Ion: 75 Resp: 545412

Ion Ratio Lower Upper

75 100

77 139.2 86.8 260.3

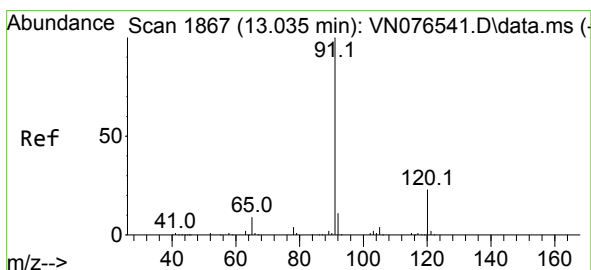
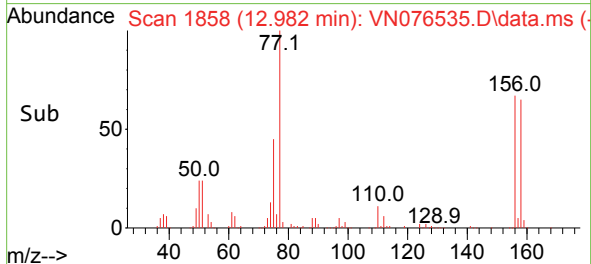
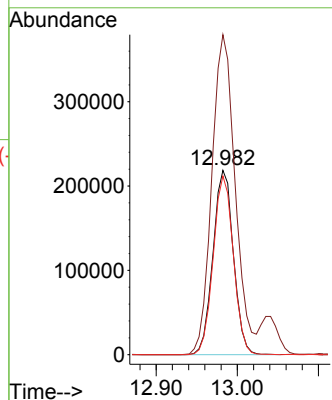
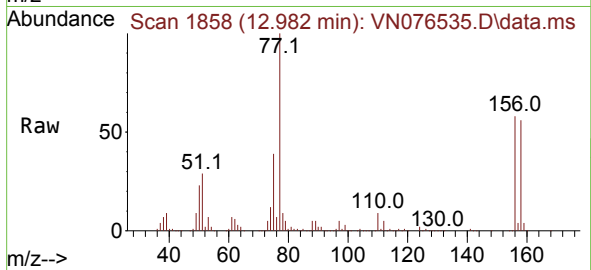




#77
Bromobenzene
Concen: 53.914 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN076535.D
Acq: 06 Feb 2023 10:58

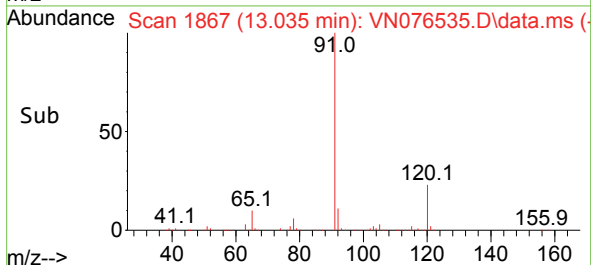
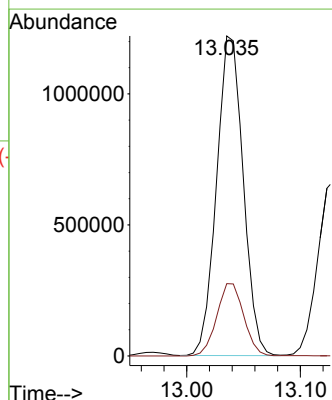
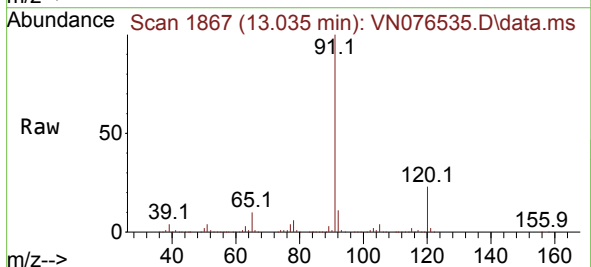
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

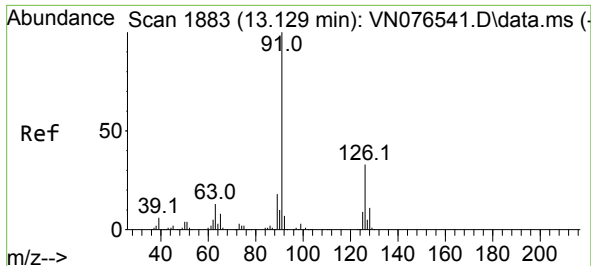
Tgt Ion:156 Resp: 381879
Ion Ratio Lower Upper
156 100
77 198.8 101.2 303.6
158 95.7 48.5 145.6



#78
n-propylbenzene
Concen: 59.315 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN076535.D
Acq: 06 Feb 2023 10:58

Tgt Ion: 91 Resp: 1986860
Ion Ratio Lower Upper
91 100
120 22.9 11.5 34.5

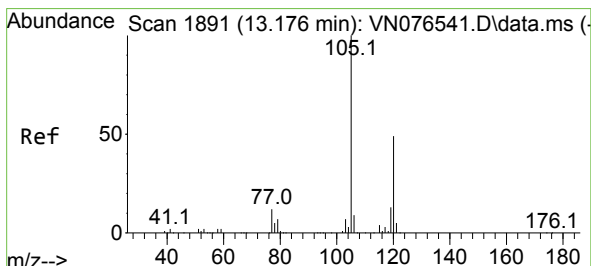
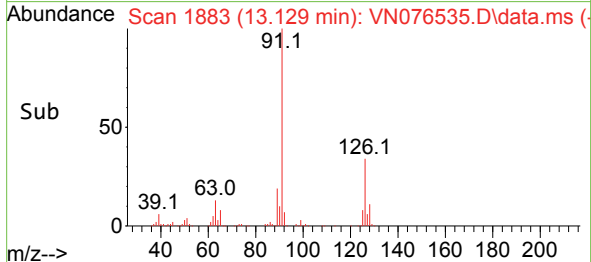
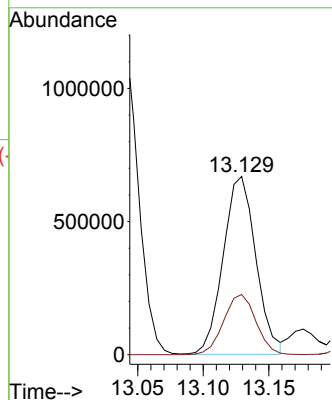
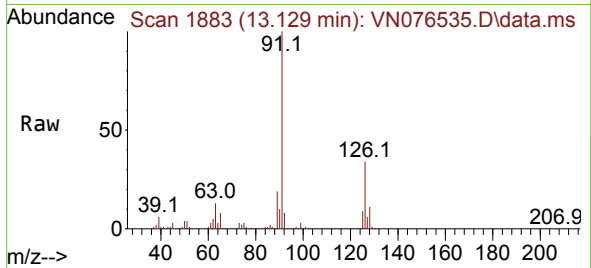




#79
2-Chlorotoluene
Concen: 54.589 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN076535.D
Acq: 06 Feb 2023 10:58

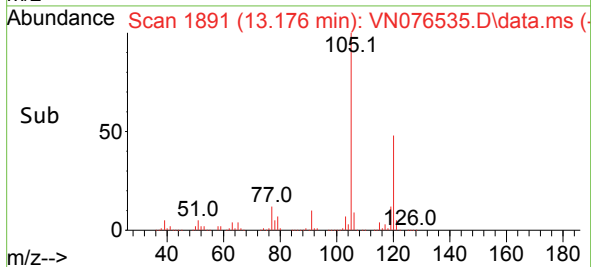
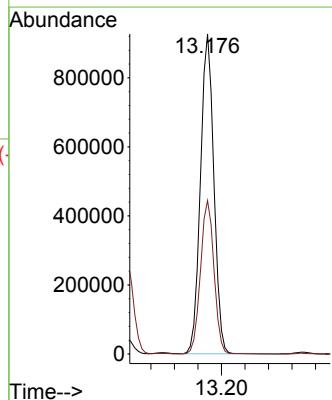
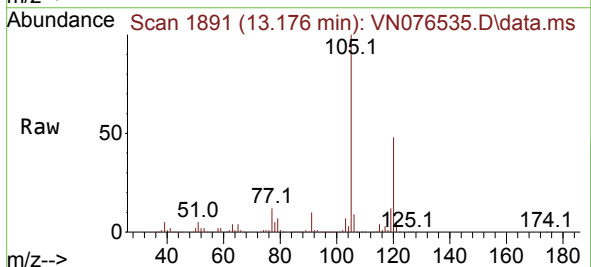
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

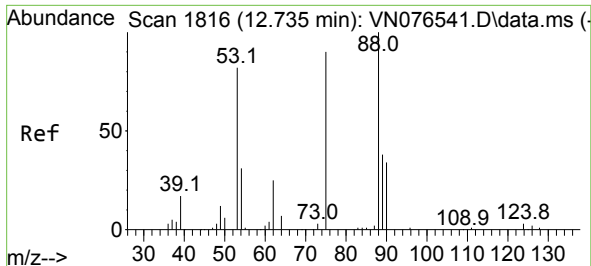
Tgt Ion: 91 Resp: 1160783
Ion Ratio Lower Upper
91 100
126 33.4 16.8 50.3



#80
1,3,5-Trimethylbenzene
Concen: 57.351 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. -0.000 min
Lab File: VN076535.D
Acq: 06 Feb 2023 10:58

Tgt Ion: 105 Resp: 1463642
Ion Ratio Lower Upper
105 100
120 48.3 24.2 72.6

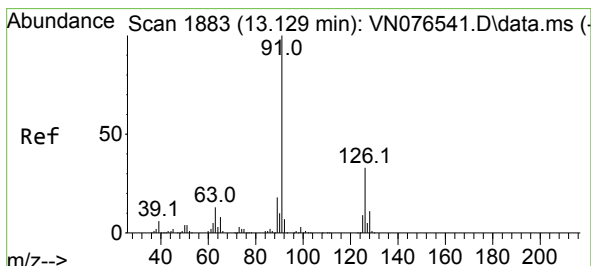
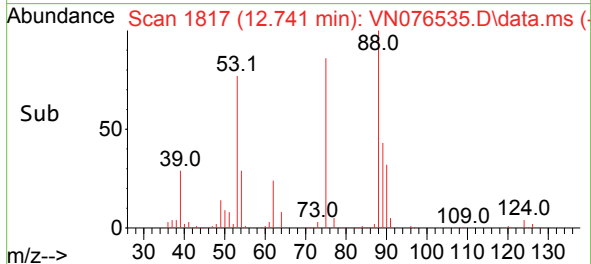
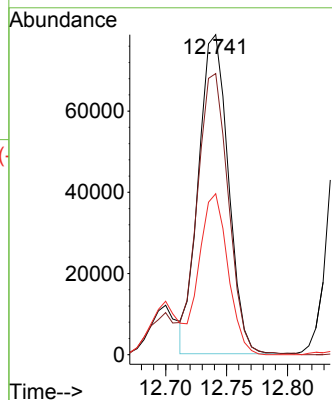
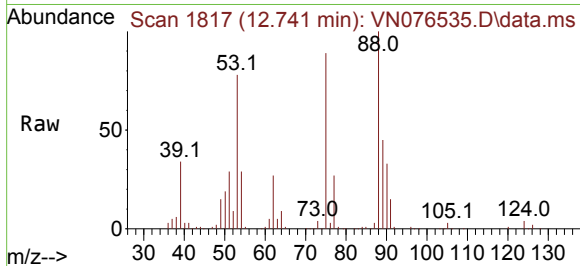




#81
trans-1,4-Dichloro-2-butene
Concen: 57.869 ug/l
RT: 12.741 min Scan# 1816
Delta R.T. 0.006 min
Lab File: VN076535.D
Acq: 06 Feb 2023 10:58

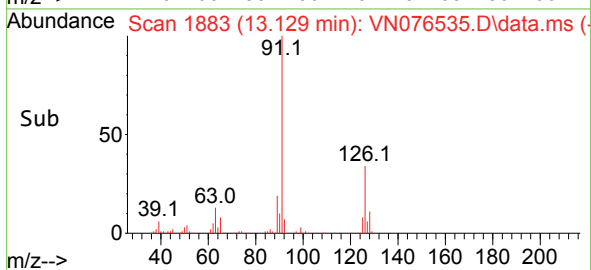
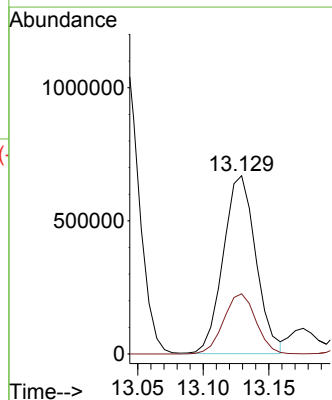
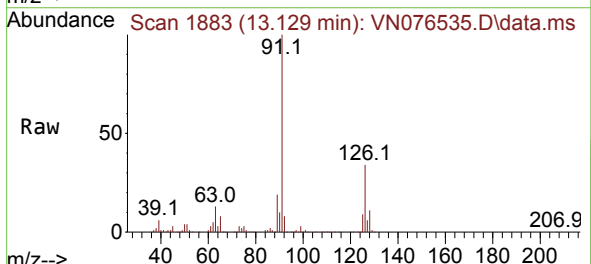
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

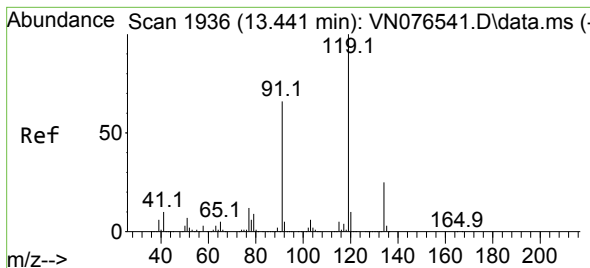
Tgt Ion: 75 Resp: 133874
Ion Ratio Lower Upper
75 100
53 93.6 72.7 109.1
89 47.5 38.4 57.6



#82
4-Chlorotoluene
Concen: 54.589 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN076535.D
Acq: 06 Feb 2023 10:58

Tgt Ion: 91 Resp: 1160783
Ion Ratio Lower Upper
91 100
126 33.4 16.8 50.3





#83

tert-Butylbenzene

Concen: 57.227 ug/l

RT: 13.441 min Scan# 1936

Delta R.T. -0.000 min

Lab File: VN076535.D

Acq: 06 Feb 2023 10:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

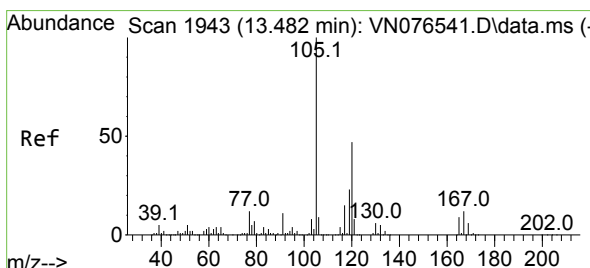
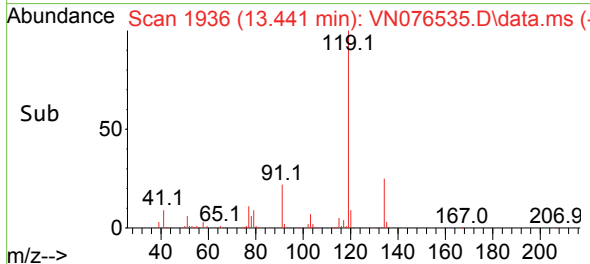
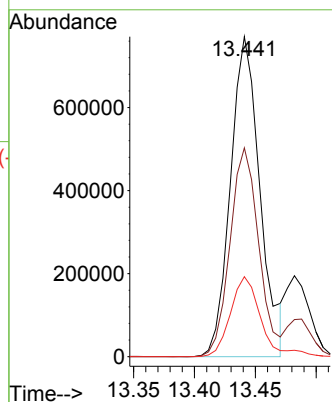
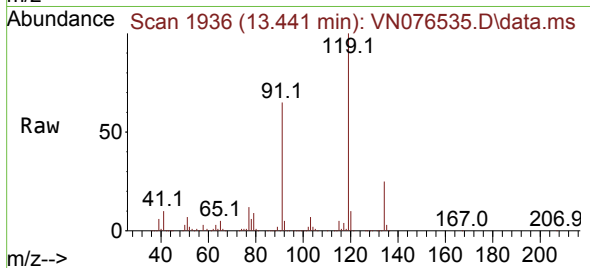
Tgt Ion:119 Resp: 1298673

Ion Ratio Lower Upper

119 100

91 63.7 32.1 96.3

134 25.8 12.9 38.6



#84

1,2,4-Trimethylbenzene

Concen: 56.909 ug/l

RT: 13.482 min Scan# 1943

Delta R.T. -0.000 min

Lab File: VN076535.D

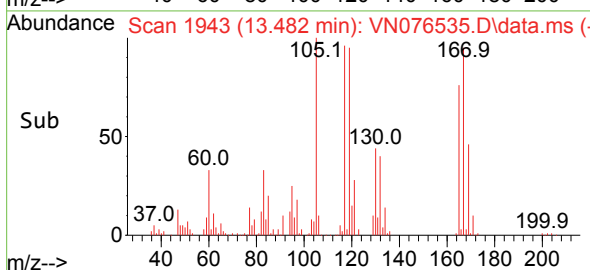
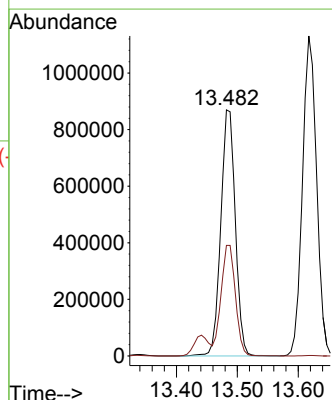
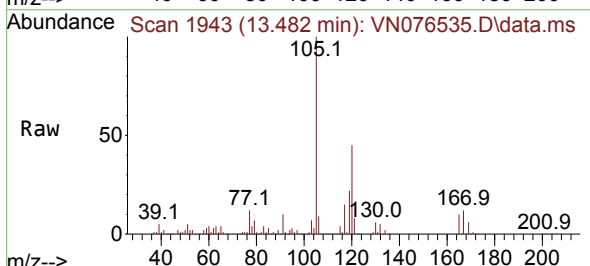
Acq: 06 Feb 2023 10:58

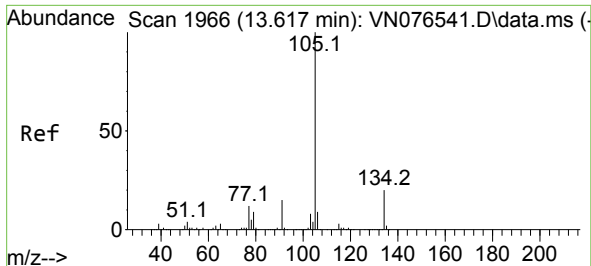
Tgt Ion:105 Resp: 1440750

Ion Ratio Lower Upper

105 100

120 44.4 22.5 67.5

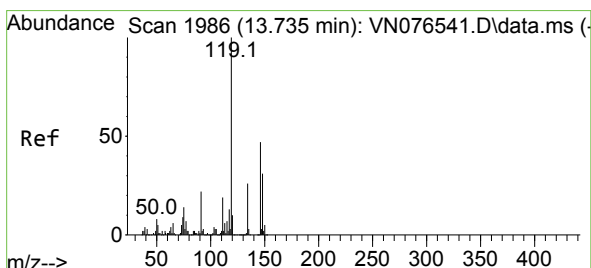
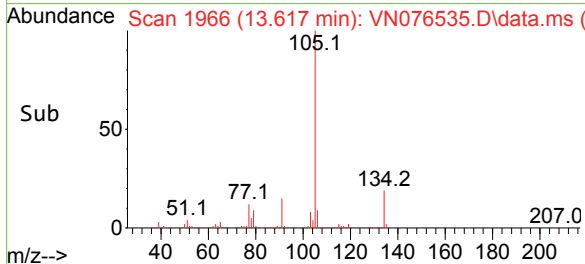
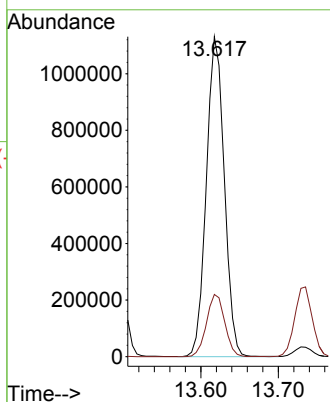
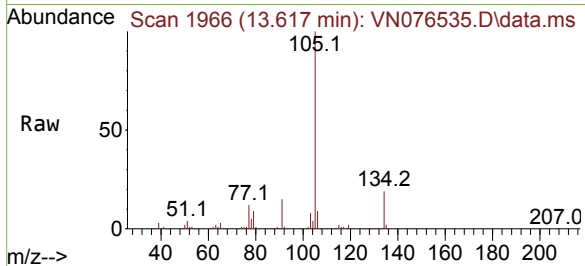




#85
 sec-Butylbenzene
 Concen: 59.445 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. -0.000 min
 Lab File: VN076535.D
 Acq: 06 Feb 2023 10:58

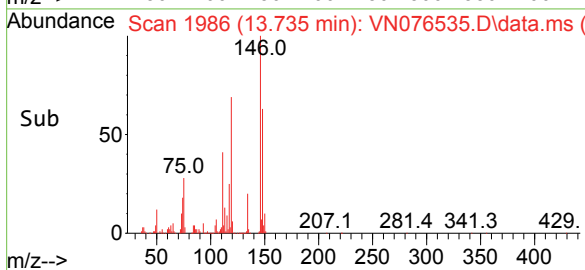
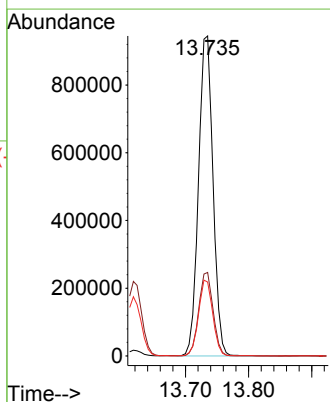
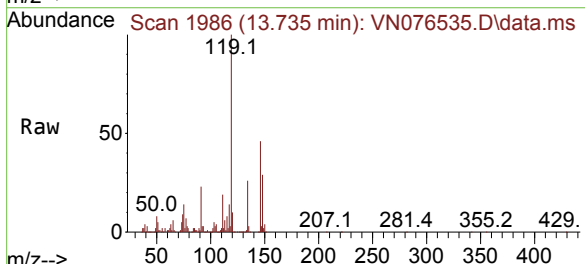
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

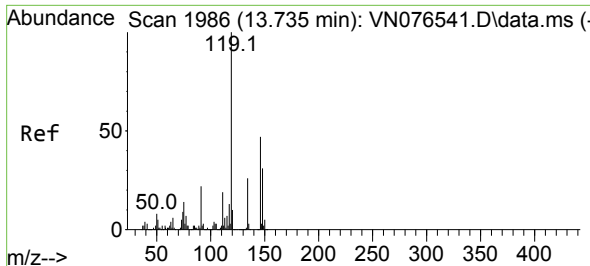
Tgt Ion:105 Resp: 1818451
 Ion Ratio Lower Upper
 105 100
 134 19.8 10.0 30.0



#86
 p-Isopropyltoluene
 Concen: 60.515 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. -0.000 min
 Lab File: VN076535.D
 Acq: 06 Feb 2023 10:58

Tgt Ion:119 Resp: 1507484
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.9 38.6
 91 23.1 11.4 34.2





#87

1,3-Dichlorobenzene

Concen: 54.748 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. -0.000 min

Lab File: VN076535.D

Acq: 06 Feb 2023 10:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

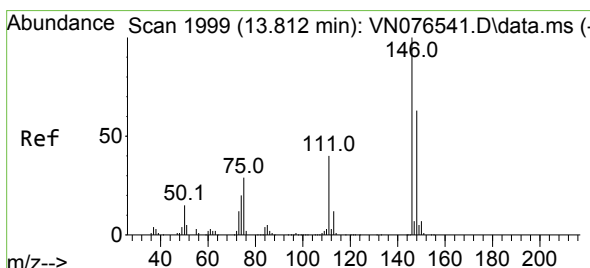
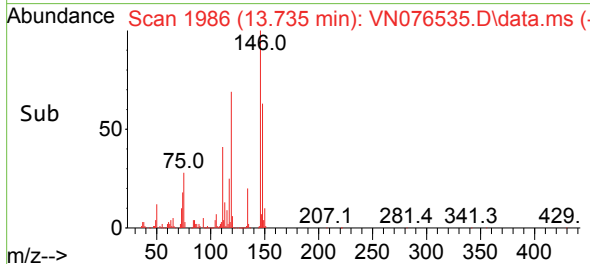
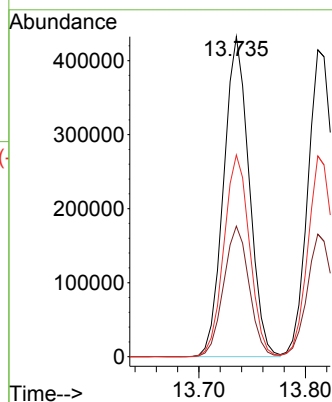
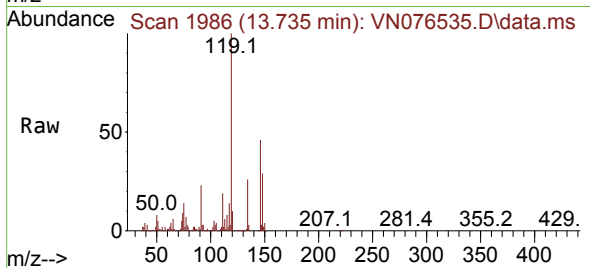
Tgt Ion:146 Resp: 718344

Ion Ratio Lower Upper

146 100

111 40.8 20.5 61.5

148 63.4 32.0 96.2



#88

1,4-Dichlorobenzene

Concen: 52.889 ug/l

RT: 13.812 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VN076535.D

Acq: 06 Feb 2023 10:58

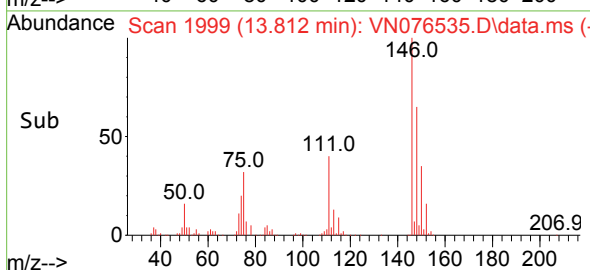
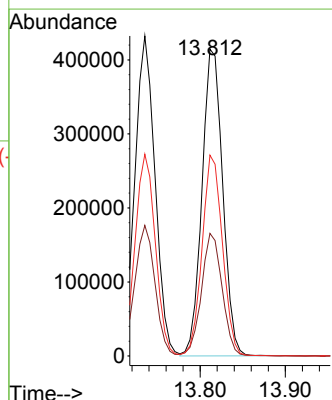
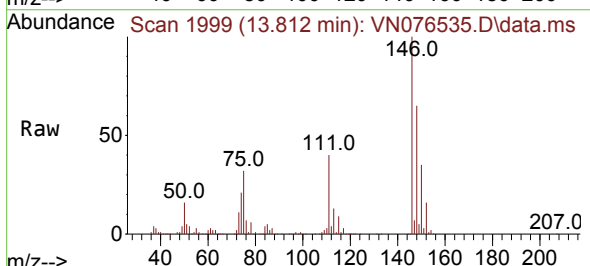
Tgt Ion:146 Resp: 699993

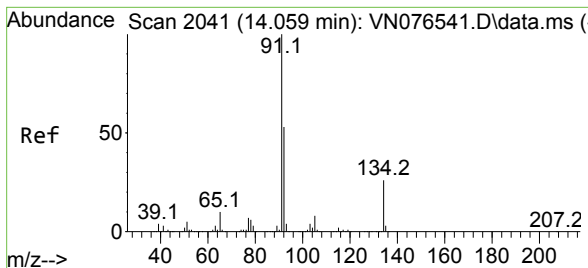
Ion Ratio Lower Upper

146 100

111 39.5 20.1 60.2

148 64.7 31.6 95.0





#89

n-Butylbenzene

Concen: 62.356 ug/l

RT: 14.059 min Scan# 2041

Delta R.T. -0.000 min

Lab File: VN076535.D

Acq: 06 Feb 2023 10:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

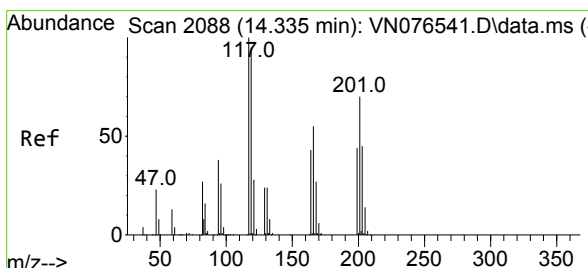
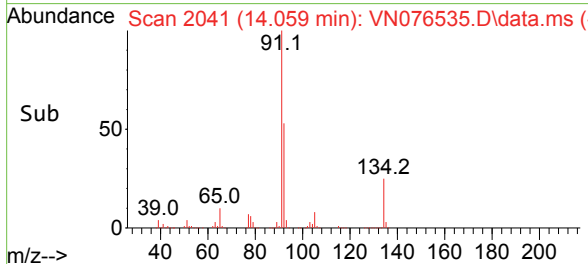
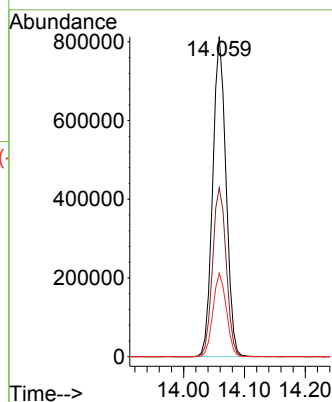
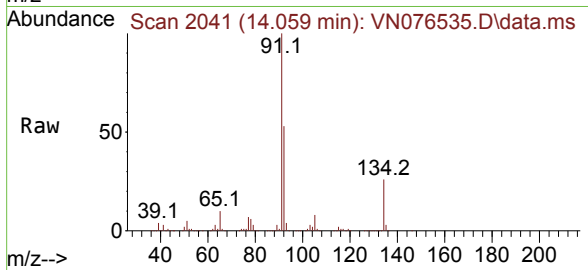
Tgt Ion: 91 Resp: 1232273

Ion Ratio Lower Upper

91 100

92 54.4 26.9 80.7

134 26.4 13.0 39.0



#90

Hexachloroethane

Concen: 59.456 ug/l

RT: 14.335 min Scan# 2088

Delta R.T. -0.000 min

Lab File: VN076535.D

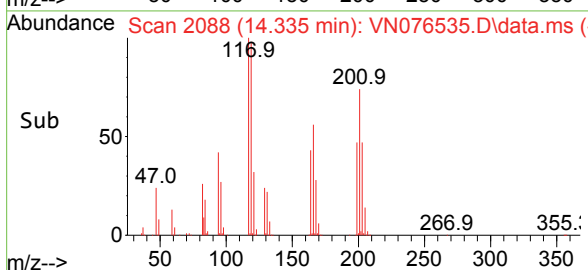
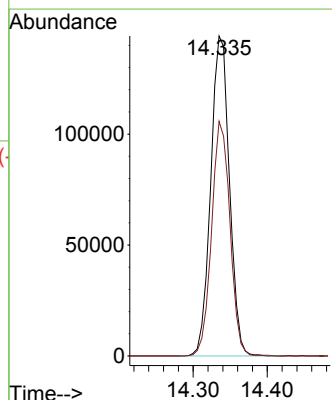
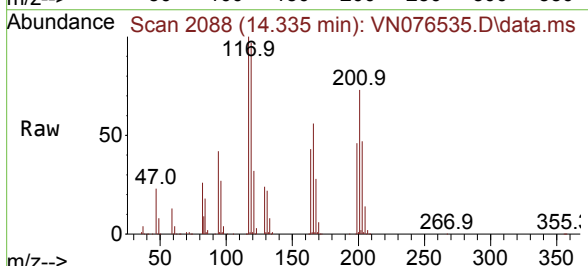
Acq: 06 Feb 2023 10:58

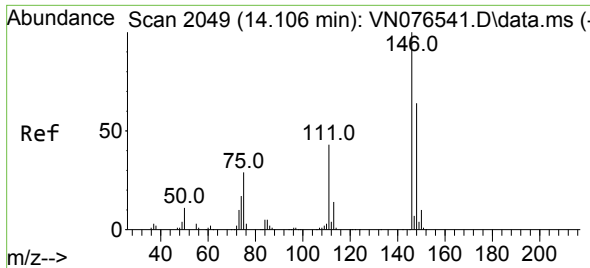
Tgt Ion: 117 Resp: 252892

Ion Ratio Lower Upper

117 100

201 71.9 36.5 109.7

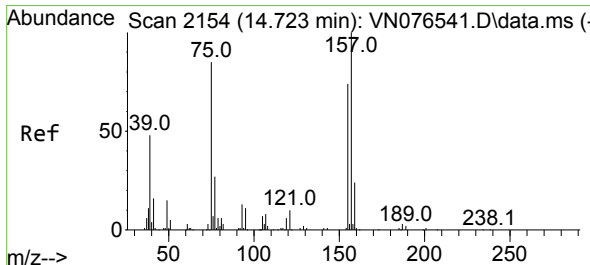
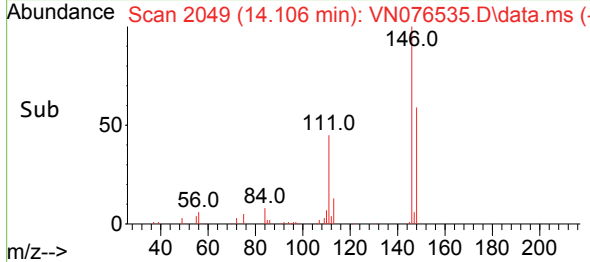
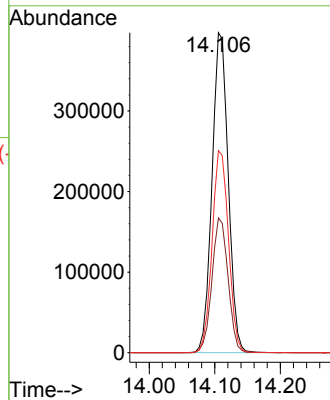
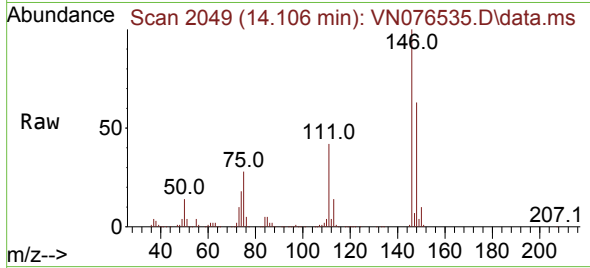




#91
 1,2-Dichlorobenzene
 Concen: 52.906 ug/l
 RT: 14.106 min Scan# 2049
 Delta R.T. -0.000 min
 Lab File: VN076535.D
 Acq: 06 Feb 2023 10:58

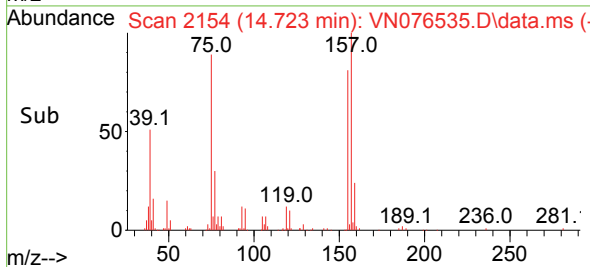
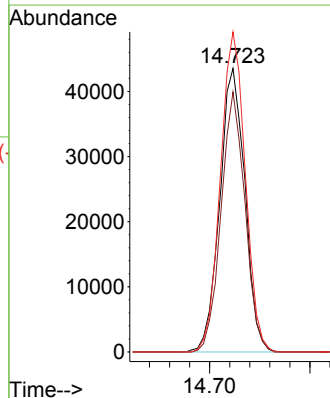
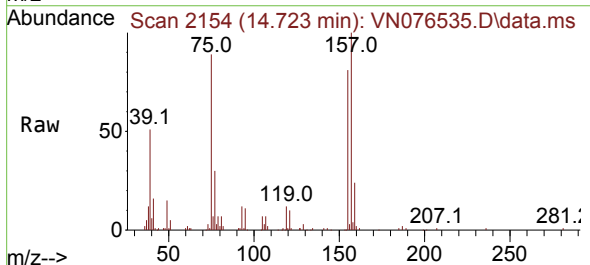
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

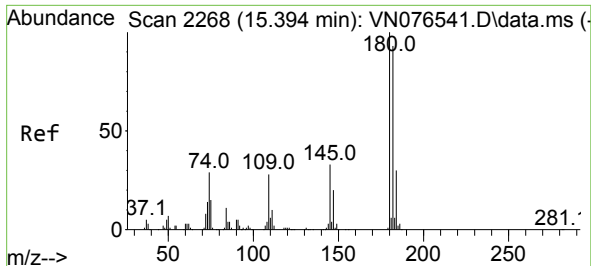
Tgt Ion:146 Resp: 681181
 Ion Ratio Lower Upper
 146 100
 111 41.9 21.3 63.9
 148 64.0 32.3 96.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.382 ug/l
 RT: 14.723 min Scan# 2154
 Delta R.T. -0.000 min
 Lab File: VN076535.D
 Acq: 06 Feb 2023 10:58

Tgt Ion: 75 Resp: 75772
 Ion Ratio Lower Upper
 75 100
 155 87.0 45.0 135.0
 157 111.2 57.6 173.0

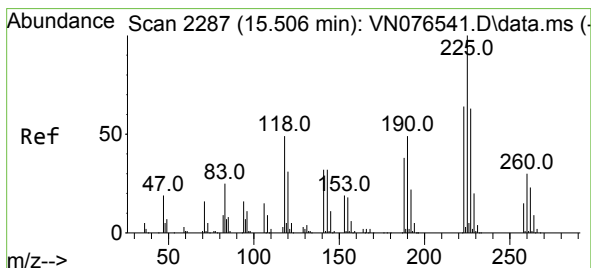
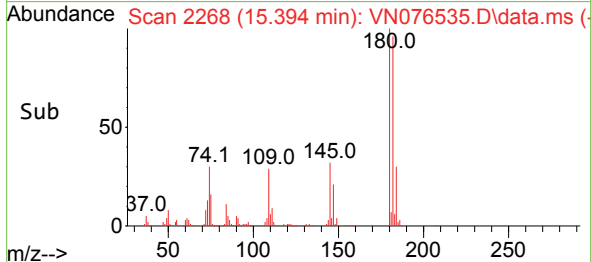
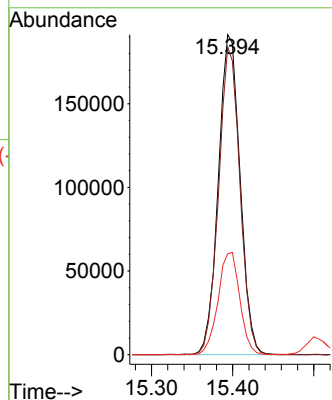
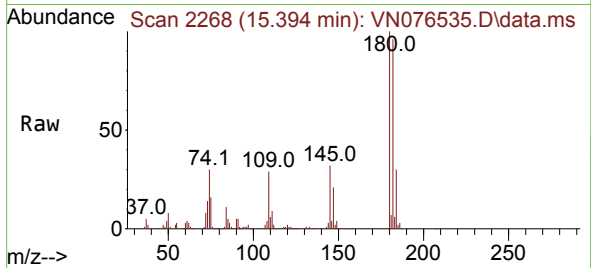




#93
1,2,4-Trichlorobenzene
Concen: 62.825 ug/l
RT: 15.394 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN076535.D
Acq: 06 Feb 2023 10:58

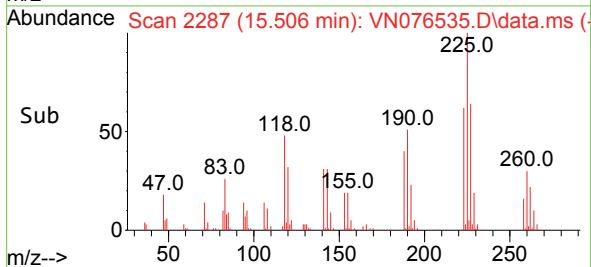
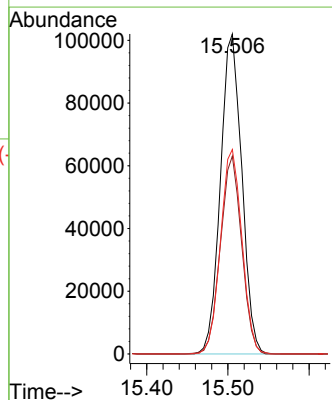
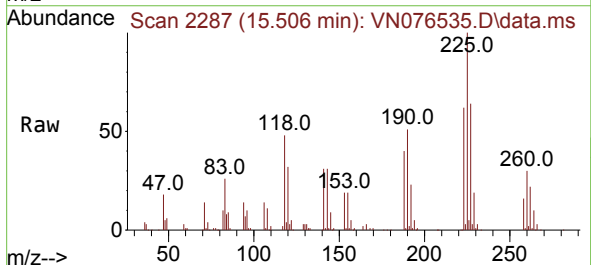
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

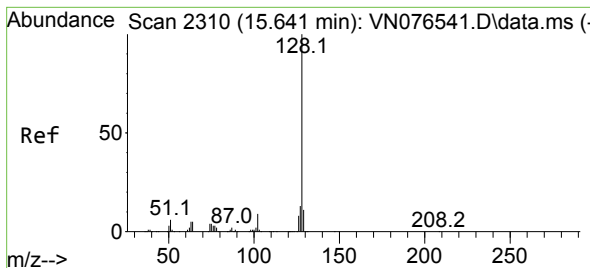
Tgt Ion:180 Resp: 356485
Ion Ratio Lower Upper
180 100
182 94.1 47.2 141.6
145 32.0 16.1 48.2



#94
Hexachlorobutadiene
Concen: 57.307 ug/l
RT: 15.506 min Scan# 2287
Delta R.T. -0.000 min
Lab File: VN076535.D
Acq: 06 Feb 2023 10:58

Tgt Ion:225 Resp: 186701
Ion Ratio Lower Upper
225 100
223 61.3 31.3 93.9
227 64.1 31.6 95.0





#95

Naphthalene

Concen: 61.819 ug/l

RT: 15.641 min Scan# 2310

Delta R.T. -0.000 min

Lab File: VN076535.D

Acq: 06 Feb 2023 10:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

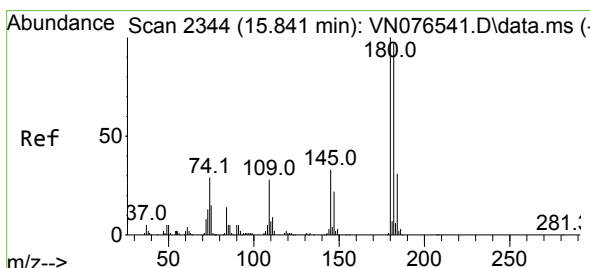
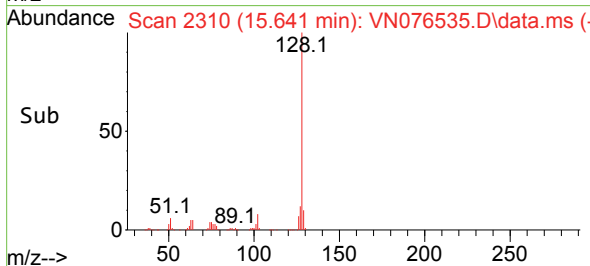
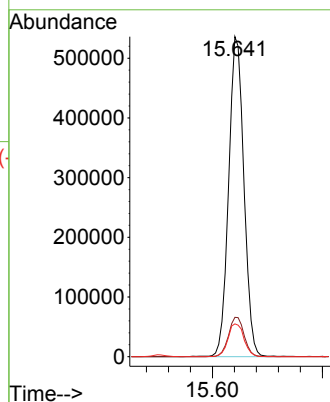
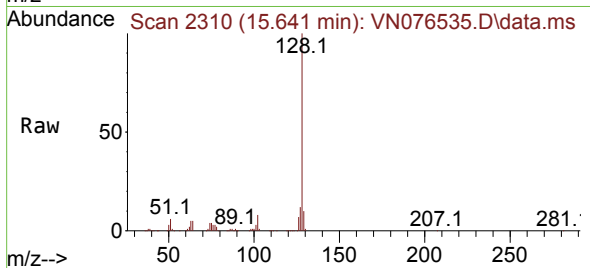
Tgt Ion:128 Resp: 1033209

Ion Ratio Lower Upper

128 100

127 12.6 10.4 15.6

129 10.8 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 62.406 ug/l

RT: 15.841 min Scan# 2344

Delta R.T. -0.000 min

Lab File: VN076535.D

Acq: 06 Feb 2023 10:58

Tgt Ion:180 Resp: 340426

Ion Ratio Lower Upper

180 100

182 96.7 47.6 142.8

145 34.3 16.8 50.3

