

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012023\
 Data File : VN076337.D
 Acq On : 20 Jan 2023 10:27
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050

Quant Time: Jan 20 22:10:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 03:59:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	383049	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	610968	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	549444	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	272155	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	217554	50.724	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 101.440%	
35) Dibromofluoromethane	8.177	113	199349	52.160	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.320%	
50) Toluene-d8	10.571	98	737178	52.228	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 104.460%	
62) 4-Bromofluorobenzene	12.853	95	265749	57.674	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 115.340%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	180777	46.054	ug/l	98
3) Chloromethane	2.371	50	179416	44.146	ug/l	96
4) Vinyl Chloride	2.530	62	224808	45.111	ug/l	99
5) Bromomethane	2.954	94	186736	45.757	ug/l	98
6) Chloroethane	3.124	64	169783	45.435	ug/l	99
7) Trichlorofluoromethane	3.506	101	316129	46.110	ug/l	100
8) Diethyl Ether	3.977	74	113938	49.547	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.389	101	183623	47.311	ug/l	98
10) Methyl Iodide	4.601	142	281421	47.469	ug/l	99
11) Tert butyl alcohol	5.536	59	129020	224.902	ug/l	100
12) 1,1-Dichloroethene	4.354	96	171773	46.819	ug/l	91
13) Acrolein	4.189	56	149996	218.634	ug/l	99
14) Allyl chloride	5.036	41	211991	49.582	ug/l	94
15) Acrylonitrile	5.730	53	372887	228.415	ug/l	99
16) Acetone	4.442	43	353330	256.987	ug/l	99
17) Carbon Disulfide	4.724	76	390473	42.743	ug/l	98
18) Methyl Acetate	5.036	43	205053	44.007	ug/l	98
19) Methyl tert-butyl Ether	5.806	73	585879	49.051	ug/l	99
20) Methylene Chloride	5.289	84	197270	48.470	ug/l	97
21) trans-1,2-Dichloroethene	5.800	96	180547	45.424	ug/l	99
22) Diisopropyl ether	6.683	45	487765	48.376	ug/l	98
23) Vinyl Acetate	6.612	43	1599013	245.380	ug/l	99
24) 1,1-Dichloroethane	6.577	63	311302	46.318	ug/l	99
25) 2-Butanone	7.489	43	488735	232.743	ug/l	95
26) 2,2-Dichloropropane	7.494	77	275916	48.709	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	221287	47.735	ug/l	99
28) Bromochloromethane	7.818	49	135108	49.596	ug/l	99
29) Tetrahydrofuran	7.841	42	307363	237.159	ug/l	99
30) Chloroform	7.971	83	351972	47.329	ug/l	98
31) Cyclohexane	8.265	56	280606	42.590	ug/l	99
32) 1,1,1-Trichloroethane	8.177	97	325943	48.005	ug/l	95
36) 1,1-Dichloropropene	8.377	75	254336	46.832	ug/l	100
37) Ethyl Acetate	7.565	43	200035	45.925	ug/l	99
38) Carbon Tetrachloride	8.371	117	291124	48.071	ug/l	98
39) Methylcyclohexane	9.606	83	323607	48.795	ug/l	99
40) Benzene	8.612	78	771016	47.480	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	107443	47.108	ug/l	97
42) 1,2-Dichloroethane	8.677	62	259393	46.686	ug/l	99
43) Isopropyl Acetate	8.694	43	343362	48.454	ug/l	99
44) Trichloroethene	9.353	130	215893	47.006	ug/l	99
45) 1,2-Dichloropropane	9.624	63	183173	47.113	ug/l	100
46) Dibromomethane	9.712	93	138237	47.093	ug/l	99
47) Bromodichloromethane	9.894	83	277513	48.744	ug/l	98
48) Methyl methacrylate	9.683	41	157628	46.986	ug/l	99
49) 1,4-Dioxane	9.700	88	71487	1009.879	ug/l	96
51) 4-Methyl-2-Pentanone	10.447	43	994095	238.969	ug/l	99
52) Toluene	10.630	92	515055	47.429	ug/l	100
53) t-1,3-Dichloropropene	10.841	75	287090	52.897	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	312316	50.019	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	196926	47.442	ug/l	99
56) Ethyl methacrylate	10.877	69	279619	52.178	ug/l	99
57) 1,3-Dichloropropane	11.165	76	321327	47.636	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	449814	248.637	ug/l	100
59) 2-Hexanone	11.200	43	737760	244.735	ug/l	100
60) Dibromochloromethane	11.359	129	226815	51.908	ug/l	100
61) 1,2-Dibromoethane	11.471	107	206498	49.839	ug/l	99
64) Tetrachloroethene	11.106	164	227910	45.996	ug/l	99
65) Chlorobenzene	11.894	112	555223	47.804	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	207880	48.105	ug/l	99
67) Ethyl Benzene	11.965	91	991891	49.899	ug/l	100
68) m/p-Xylenes	12.071	106	795104	99.752	ug/l	98
69) o-Xylene	12.400	106	391040	49.956	ug/l	99
70) Styrene	12.412	104	645803	51.671	ug/l	99
71) Bromoform	12.582	173	161083	51.617	ug/l #	99
73) Isopropylbenzene	12.694	105	1025853	48.725	ug/l	99
74) N-amyl acetate	12.494	43	294615	48.647	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	271246	44.816	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	338427	68.612	ug/l	84
77) Bromobenzene	12.982	156	247247	50.232	ug/l	95
78) n-propylbenzene	13.035	91	1176985	49.545	ug/l	99
79) 2-Chlorotoluene	13.129	91	689468	47.296	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	881318	49.967	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	80111	48.976	ug/l	97
82) 4-Chlorotoluene	13.129	91	689468	47.296	ug/l	100
83) tert-Butylbenzene	13.441	119	760823	48.499	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	877680	49.625	ug/l	100
85) sec-Butylbenzene	13.618	105	1094637	50.287	ug/l	100
86) p-Isopropyltoluene	13.729	119	937303	52.363	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	465451	46.904	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	460202	48.754	ug/l	100
89) n-Butylbenzene	14.059	91	761799	53.612	ug/l	99
90) Hexachloroethane	14.335	117	158186	51.203	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	459019	46.442	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	50448	47.951	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	230887	48.389	ug/l	98
94) Hexachlorobutadiene	15.506	225	123336	47.024	ug/l	96
95) Naphthalene	15.647	128	653881	46.380	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	219421	48.242	ug/l	98

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ClientSampleId :
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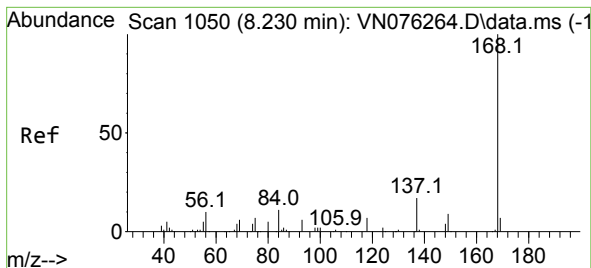
Quant Time: Jan 20 22:10:42 2023
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Quant Title : SW846 8260
QLast Update : Tue Jan 17 03:59:22 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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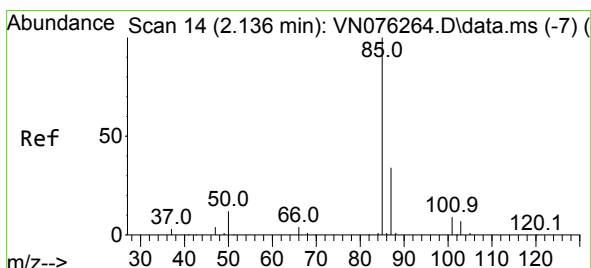
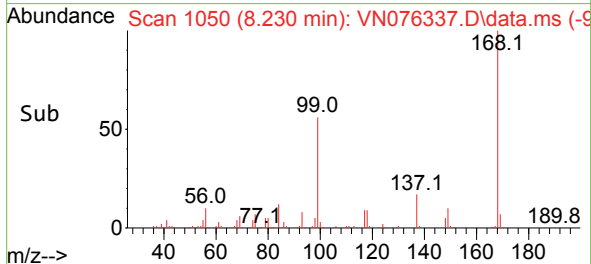
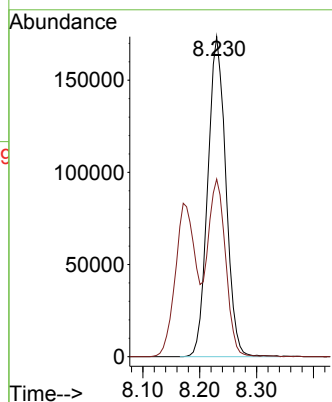
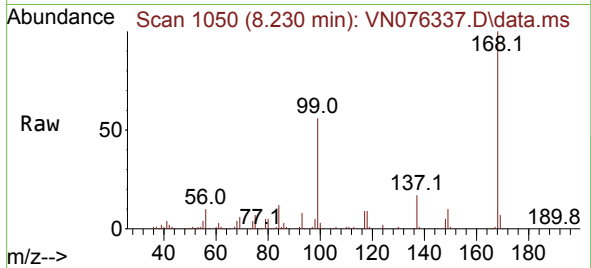




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
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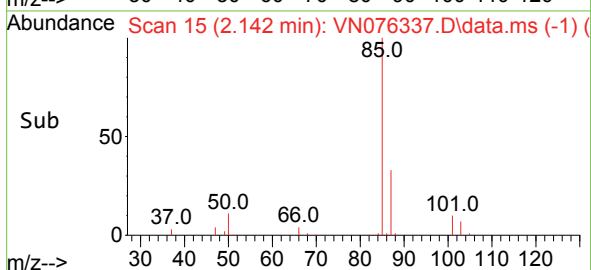
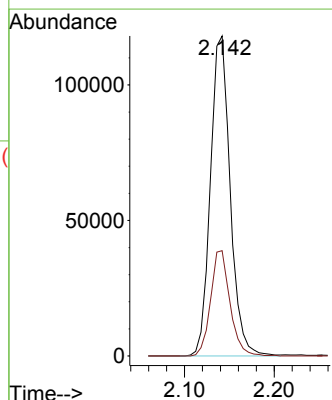
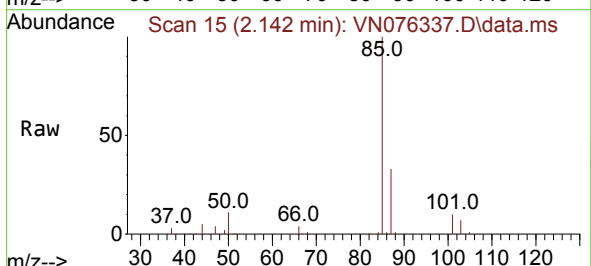
Instrument :
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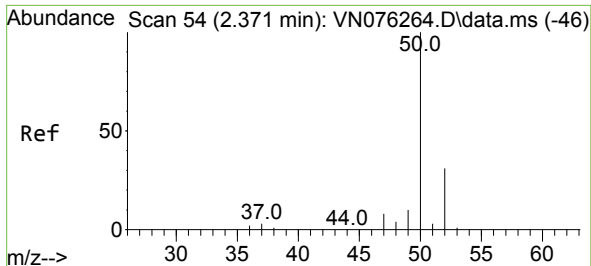
Tgt Ion:168 Resp: 383049
Ion Ratio Lower Upper
168 100
99 55.4 41.6 62.4



#2
Dichlorodifluoromethane
Concen: 46.054 ug/l
RT: 2.142 min Scan# 15
Delta R.T. 0.006 min
Lab File: VN076337.D
Acq: 20 Jan 2023 10:27

Tgt Ion: 85 Resp: 180777
Ion Ratio Lower Upper
85 100
87 32.9 17.1 51.2

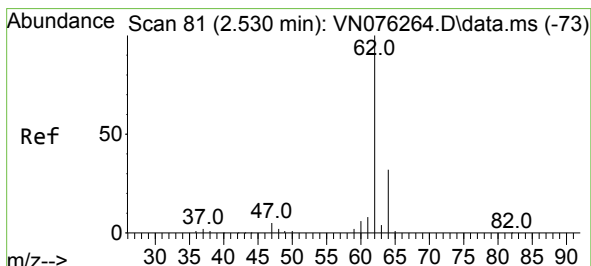
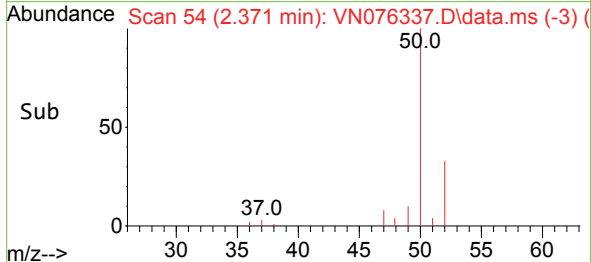
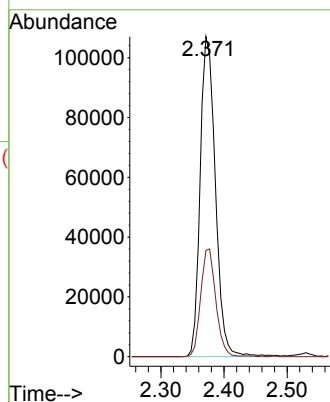
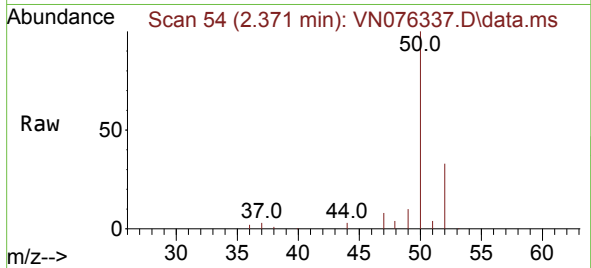




#3
Chloromethane
Concen: 44.146 ug/l
RT: 2.371 min Scan# 54
Delta R.T. 0.000 min
Lab File: VN076337.D
Acq: 20 Jan 2023 10:27

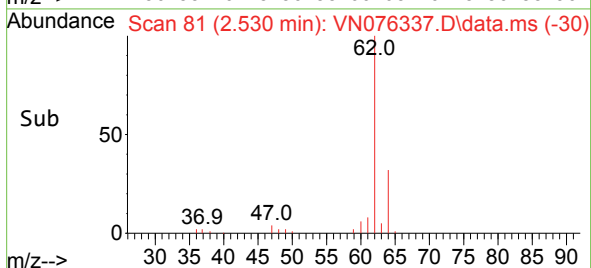
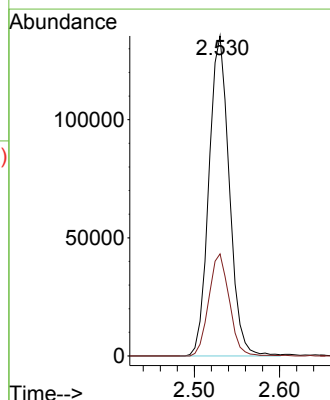
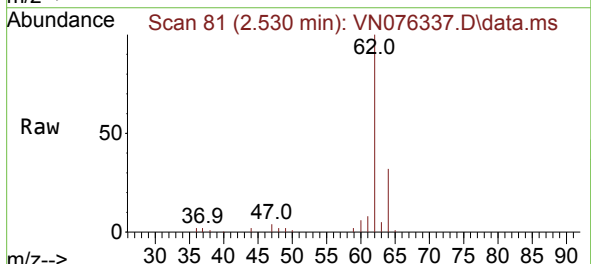
Instrument :
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ClientSampleId :
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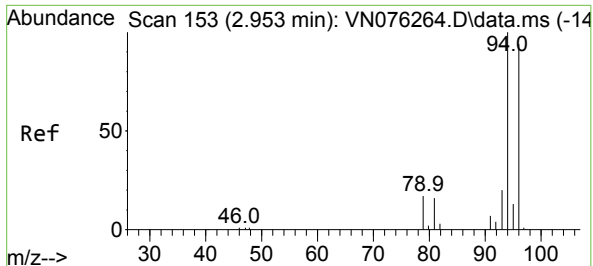
Tgt Ion: 50 Resp: 179416
Ion Ratio Lower Upper
50 100
52 33.3 24.8 37.2



#4
Vinyl Chloride
Concen: 45.111 ug/l
RT: 2.530 min Scan# 81
Delta R.T. 0.000 min
Lab File: VN076337.D
Acq: 20 Jan 2023 10:27

Tgt Ion: 62 Resp: 224808
Ion Ratio Lower Upper
62 100
64 31.9 25.8 38.6

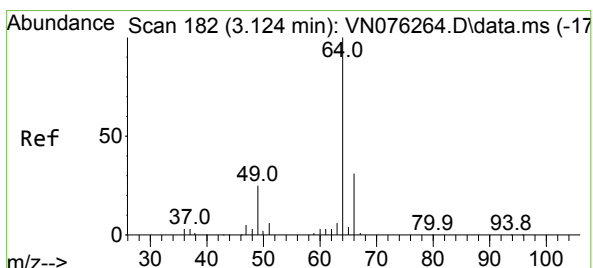
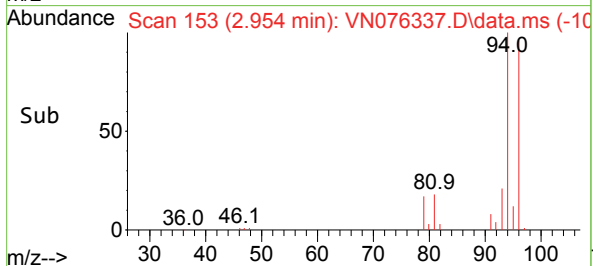
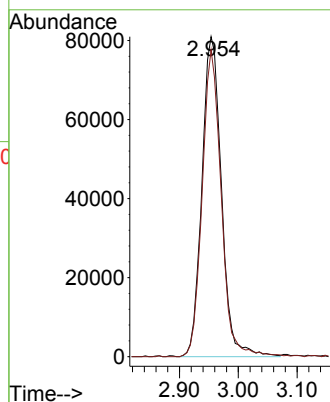
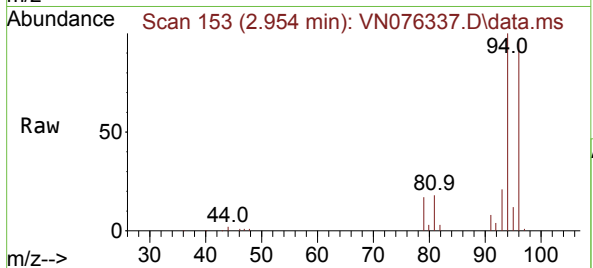




#5
Bromomethane
Concen: 45.757 ug/l
RT: 2.954 min Scan# 11
Delta R.T. 0.001 min
Lab File: VN076337.D
Acq: 20 Jan 2023 10:27

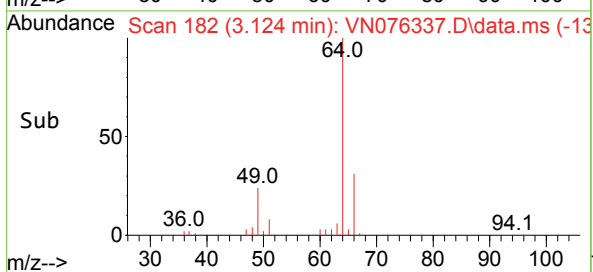
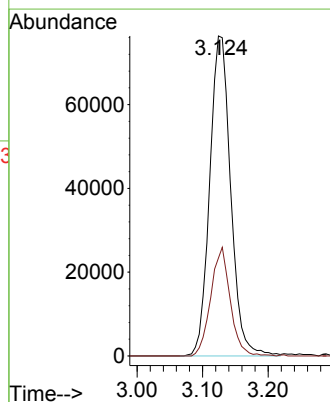
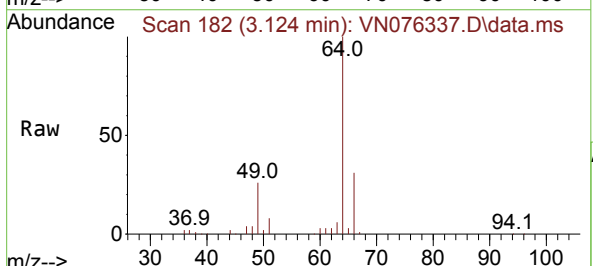
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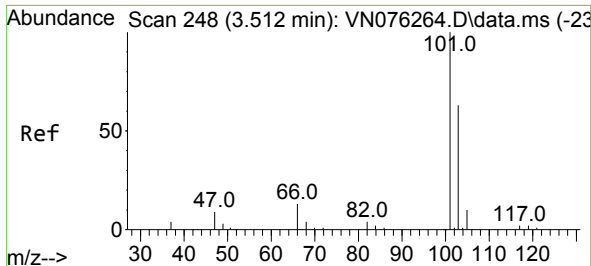
Tgt Ion: 94 Resp: 186736
Ion Ratio Lower Upper
94 100
96 95.9 75.1 112.7



#6
Chloroethane
Concen: 45.435 ug/l
RT: 3.124 min Scan# 182
Delta R.T. 0.000 min
Lab File: VN076337.D
Acq: 20 Jan 2023 10:27

Tgt Ion: 64 Resp: 169783
Ion Ratio Lower Upper
64 100
66 30.6 24.8 37.2

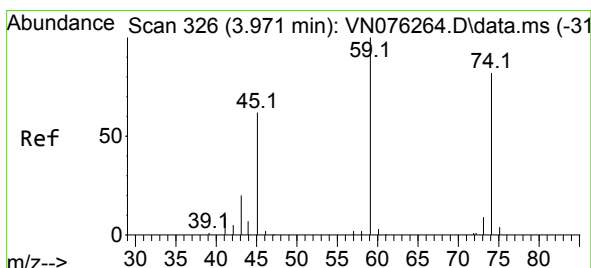
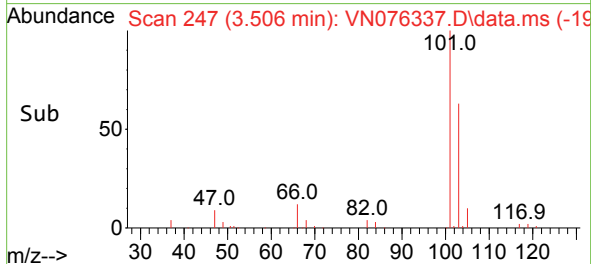
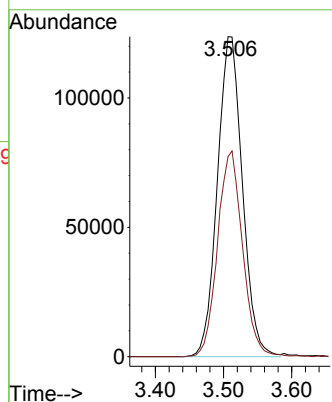
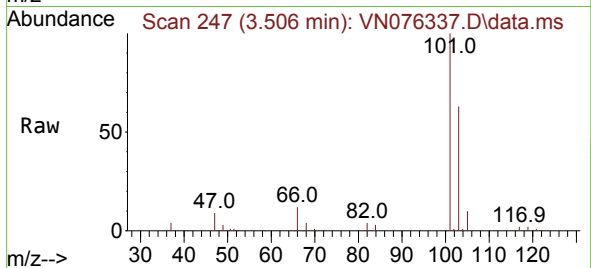




#7
Trichlorofluoromethane
Concen: 46.110 ug/l
RT: 3.506 min Scan# 248
Delta R.T. -0.006 min
Lab File: VN076337.D
Acq: 20 Jan 2023 10:27

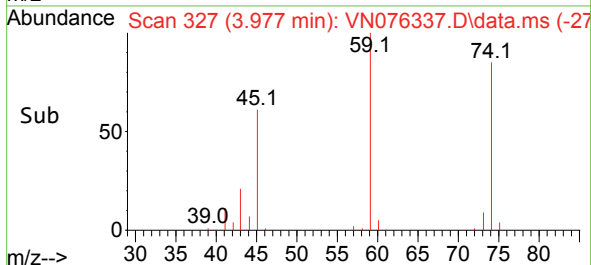
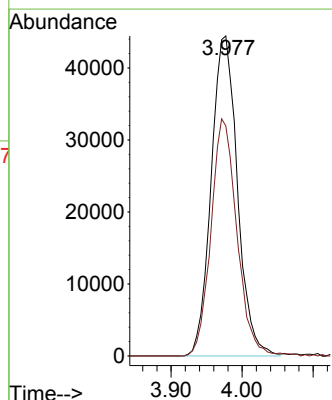
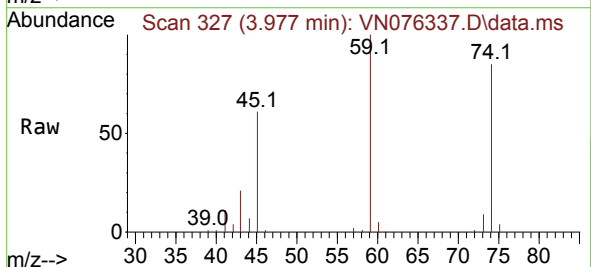
Instrument :
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VSTDCCC050

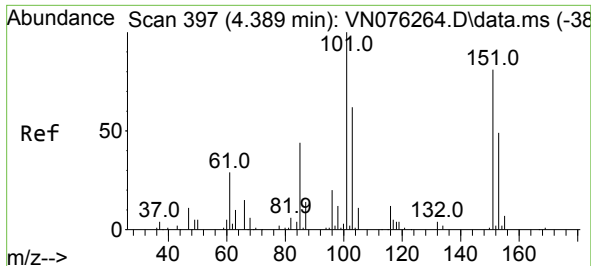
Tgt Ion:101 Resp: 316129
Ion Ratio Lower Upper
101 100
103 62.5 50.2 75.4



#8
Diethyl Ether
Concen: 49.547 ug/l
RT: 3.977 min Scan# 327
Delta R.T. 0.006 min
Lab File: VN076337.D
Acq: 20 Jan 2023 10:27

Tgt Ion: 74 Resp: 113938
Ion Ratio Lower Upper
74 100
45 73.3 37.8 113.3

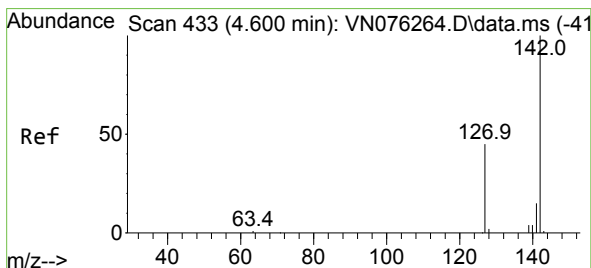
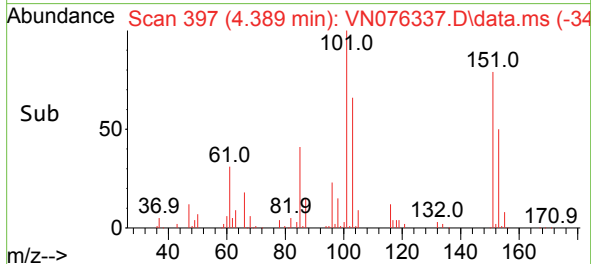
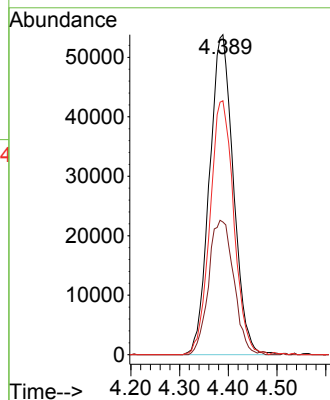
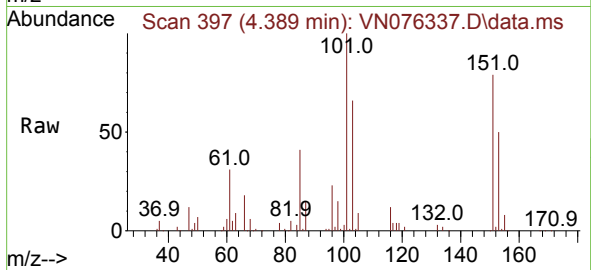




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.311 ug/l
RT: 4.389 min Scan# 397
Delta R.T. -0.000 min
Lab File: VN076337.D
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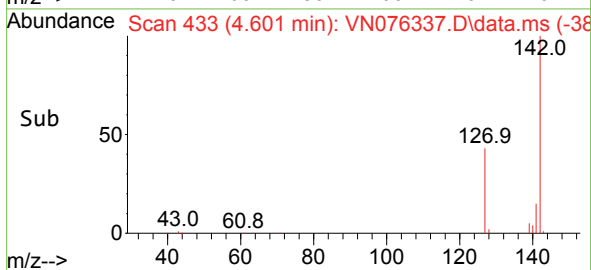
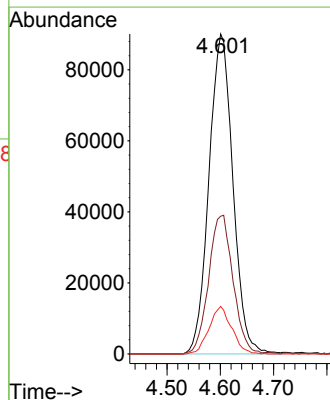
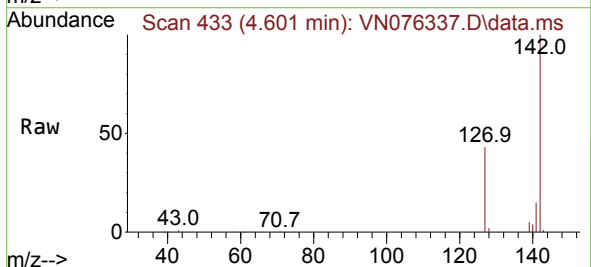
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

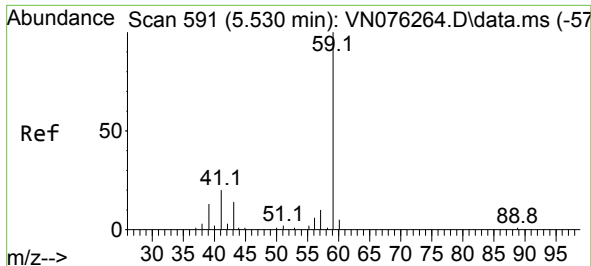
Tgt Ion:101 Resp: 183623
Ion Ratio Lower Upper
101 100
85 44.2 35.5 53.3
151 79.0 65.5 98.3



#10
Methyl Iodide
Concen: 47.469 ug/l
RT: 4.601 min Scan# 433
Delta R.T. 0.001 min
Lab File: VN076337.D
Acq: 20 Jan 2023 10:27

Tgt Ion:142 Resp: 281421
Ion Ratio Lower Upper
142 100
127 44.2 35.0 52.4
141 14.1 11.5 17.3

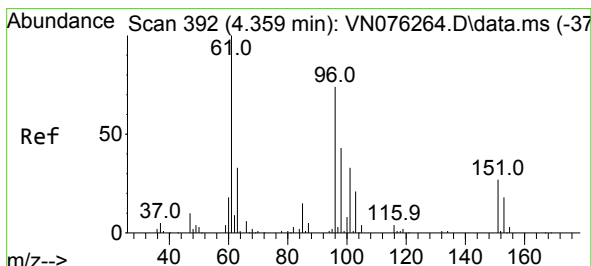
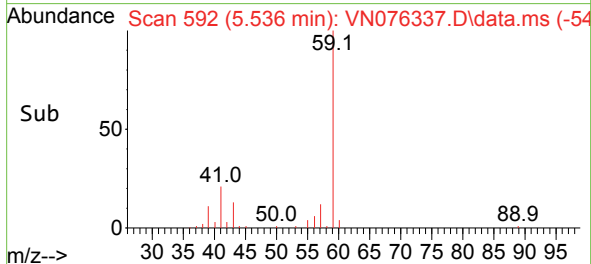
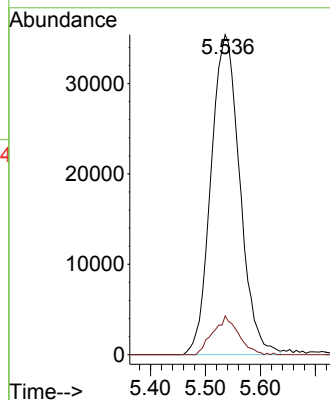
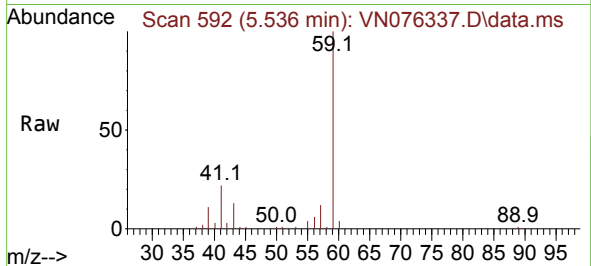




#11
Tert butyl alcohol
Concen: 224.902 ug/l
RT: 5.536 min Scan# 591
Delta R.T. 0.006 min
Lab File: VN076337.D
Acq: 20 Jan 2023 10:27

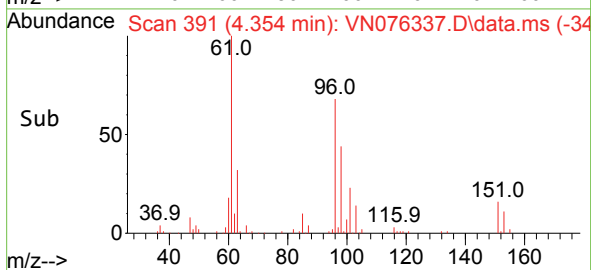
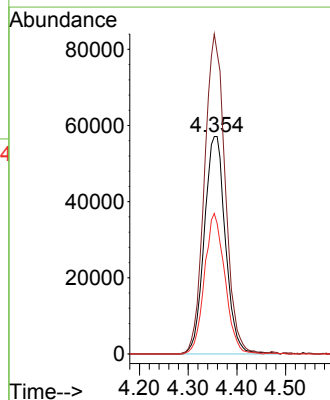
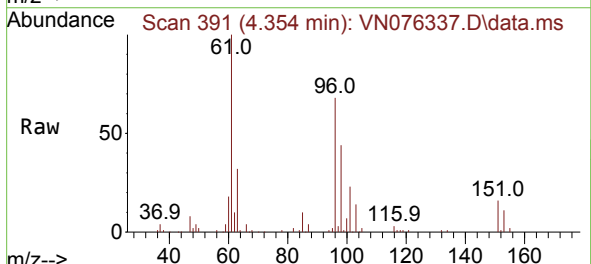
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

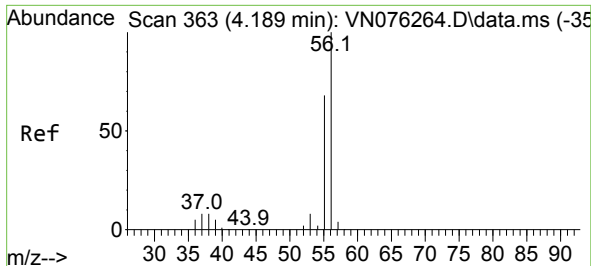
Tgt Ion: 59 Resp: 129020
Ion Ratio Lower Upper
59 100
57 10.6 8.5 12.7



#12
1,1-Dichloroethene
Concen: 46.819 ug/l
RT: 4.354 min Scan# 391
Delta R.T. -0.005 min
Lab File: VN076337.D
Acq: 20 Jan 2023 10:27

Tgt Ion: 96 Resp: 171773
Ion Ratio Lower Upper
96 100
61 147.1 108.2 162.4
98 64.6 47.0 70.6

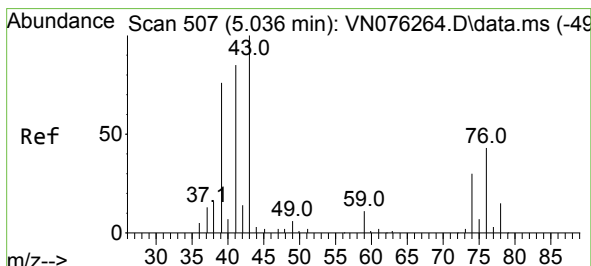
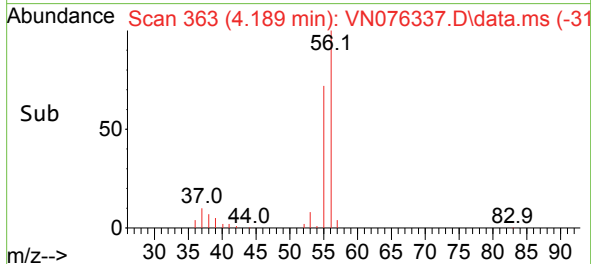
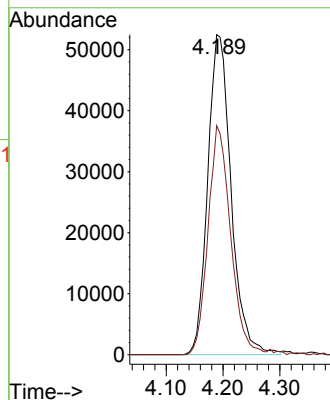
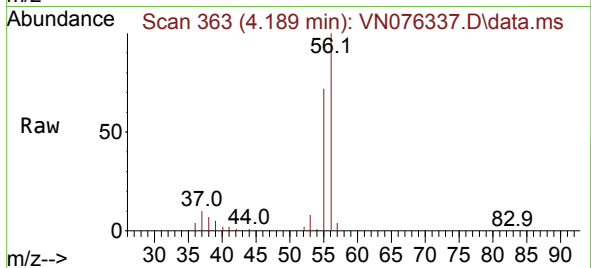




#13
Acrolein
Concen: 218.634 ug/l
RT: 4.189 min Scan# 363
Delta R.T. -0.000 min
Lab File: VN076337.D
Acq: 20 Jan 2023 10:27

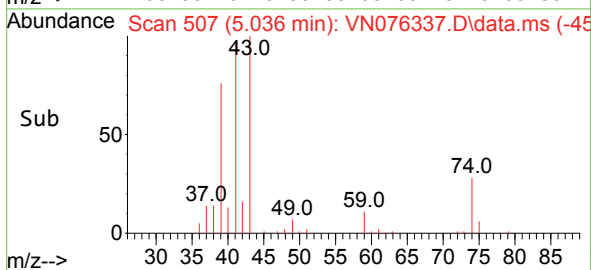
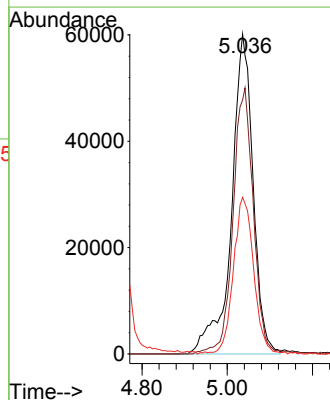
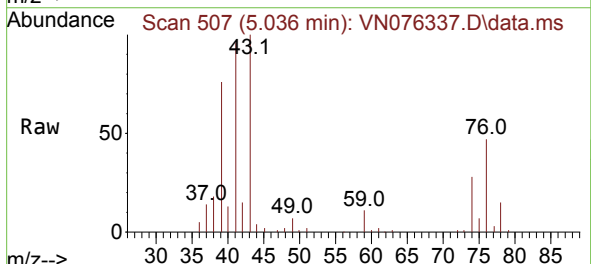
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

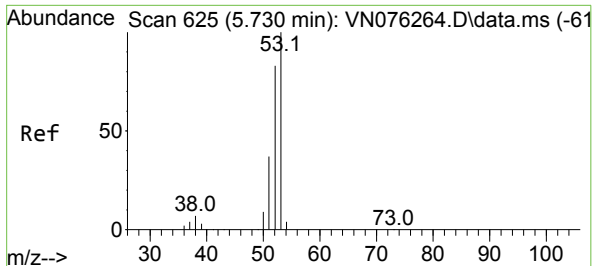
Tgt Ion: 56 Resp: 149996
Ion Ratio Lower Upper
56 100
55 68.9 55.8 83.6



#14
Allyl chloride
Concen: 49.582 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN076337.D
Acq: 20 Jan 2023 10:27

Tgt Ion: 41 Resp: 211991
Ion Ratio Lower Upper
41 100
39 78.5 67.4 101.0
76 45.8 39.8 59.8

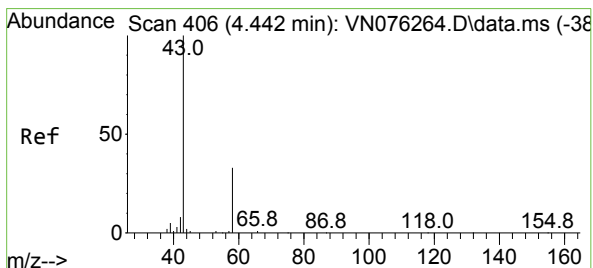
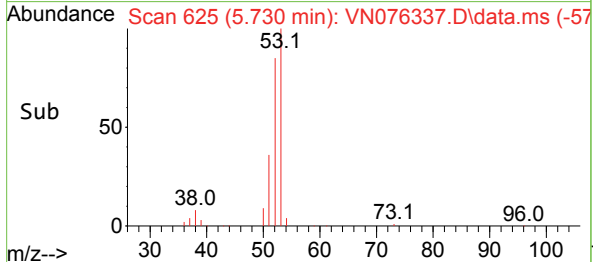
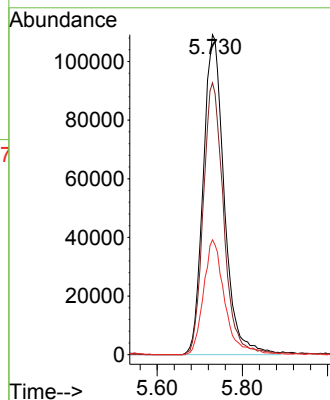
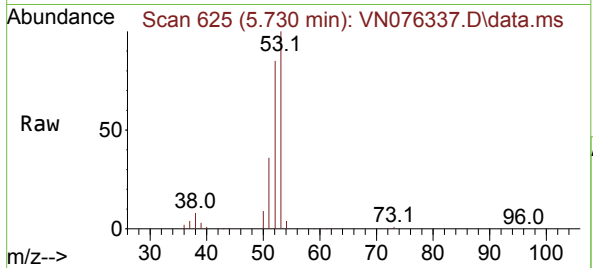




#15
Acrylonitrile
Concen: 228.415 ug/l
RT: 5.730 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN076337.D
Acq: 20 Jan 2023 10:27

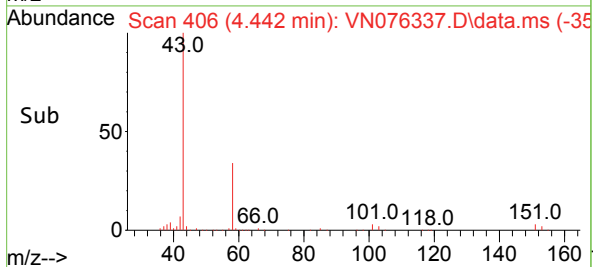
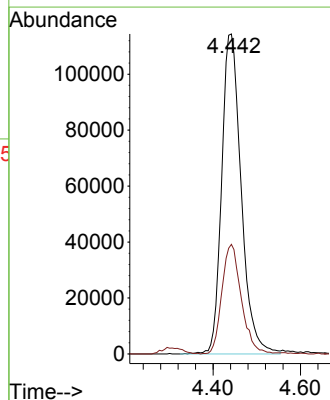
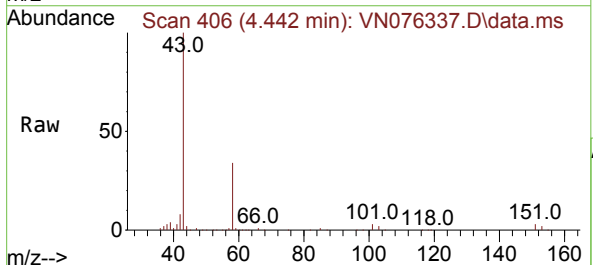
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

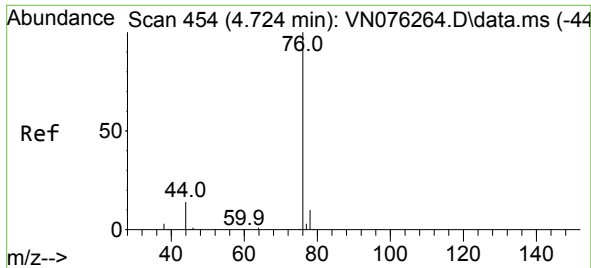
Tgt Ion: 53 Resp: 372887
Ion Ratio Lower Upper
53 100
52 82.5 64.7 97.1
51 36.5 29.2 43.8



#16
Acetone
Concen: 256.987 ug/l
RT: 4.442 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN076337.D
Acq: 20 Jan 2023 10:27

Tgt Ion: 43 Resp: 353330
Ion Ratio Lower Upper
43 100
58 33.9 26.7 40.1

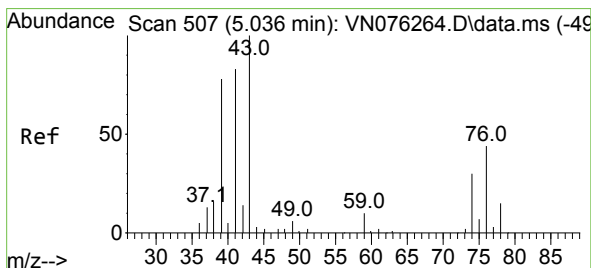
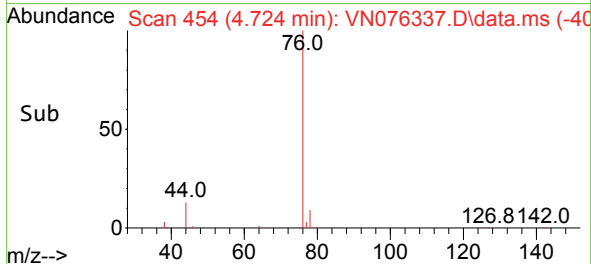
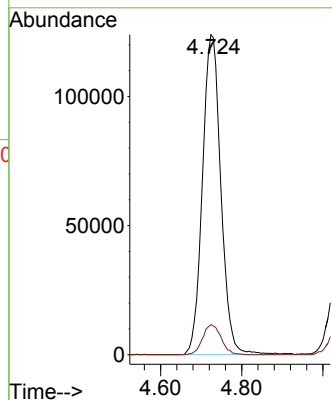
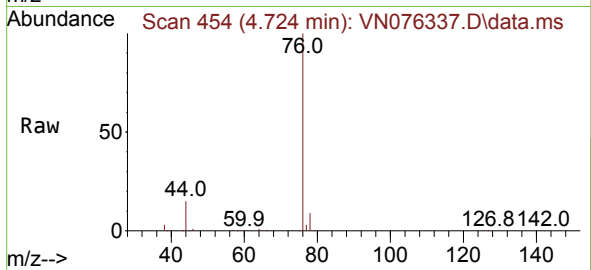




#17
Carbon Disulfide
Concen: 42.743 ug/l
RT: 4.724 min Scan# 454
Delta R.T. 0.000 min
Lab File: VN076337.D
Acq: 20 Jan 2023 10:27

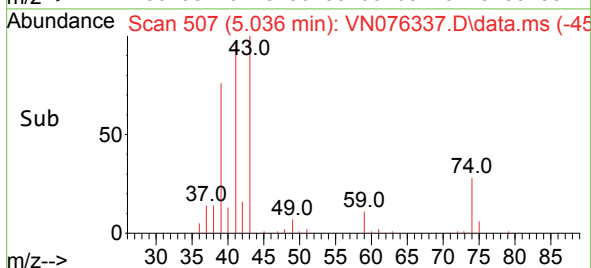
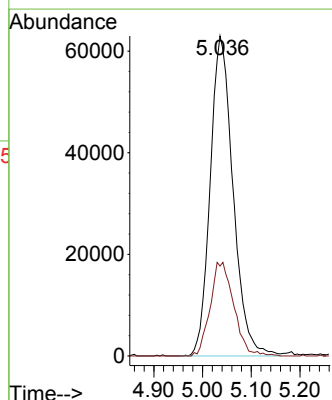
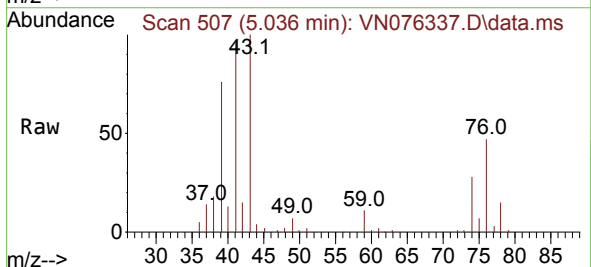
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

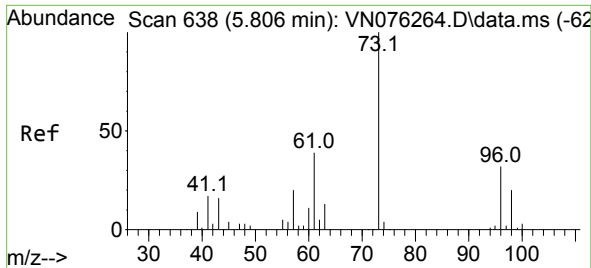
Tgt Ion: 76 Resp: 390473
Ion Ratio Lower Upper
76 100
78 9.4 8.0 12.0



#18
Methyl Acetate
Concen: 44.007 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN076337.D
Acq: 20 Jan 2023 10:27

Tgt Ion: 43 Resp: 205053
Ion Ratio Lower Upper
43 100
74 30.3 23.3 34.9

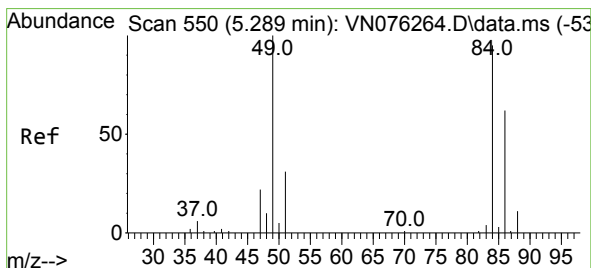
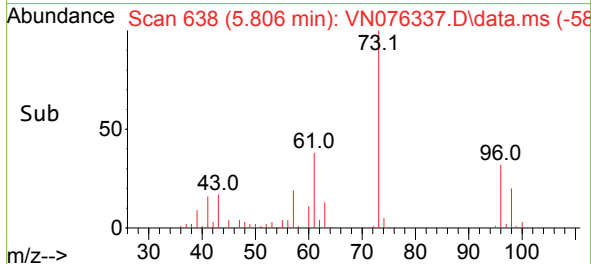
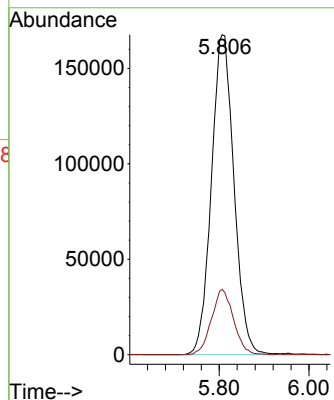
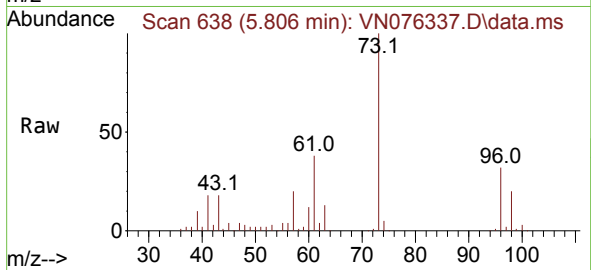




#19
Methyl tert-butyl Ether
Concen: 49.051 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN076337.D
Acq: 20 Jan 2023 10:27

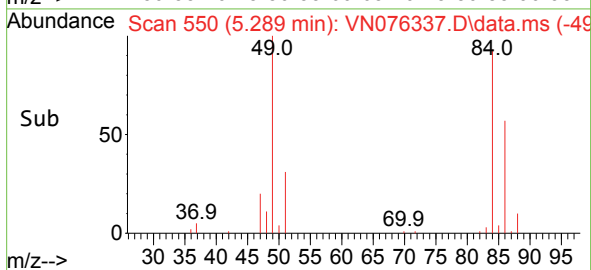
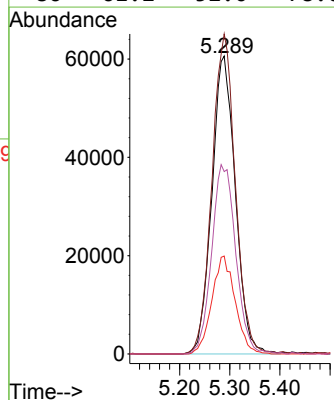
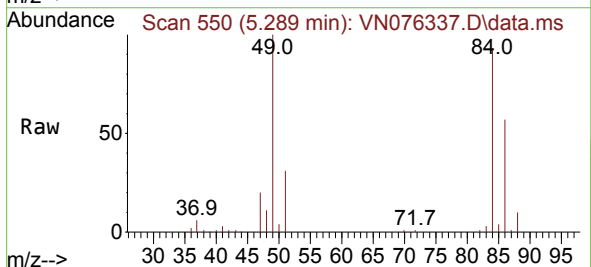
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

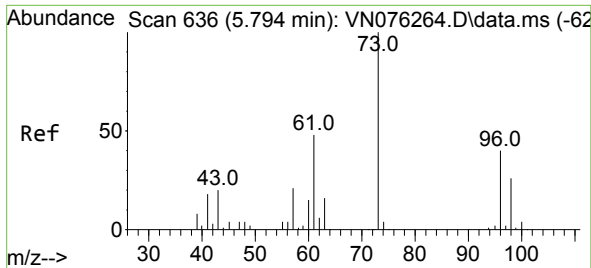
Tgt Ion: 73 Resp: 585879
Ion Ratio Lower Upper
73 100
57 20.4 15.9 23.9



#20
Methylene Chloride
Concen: 48.470 ug/l
RT: 5.289 min Scan# 550
Delta R.T. -0.000 min
Lab File: VN076337.D
Acq: 20 Jan 2023 10:27

Tgt Ion: 84 Resp: 197270
Ion Ratio Lower Upper
84 100
49 107.4 84.5 126.7
51 32.9 26.0 39.0
86 61.2 52.0 78.0

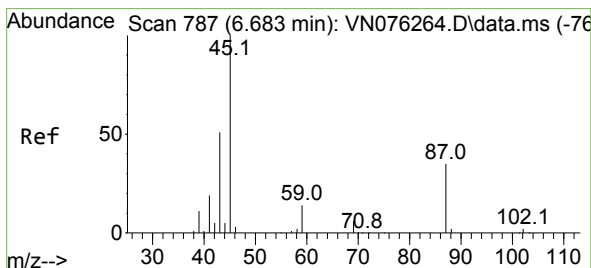
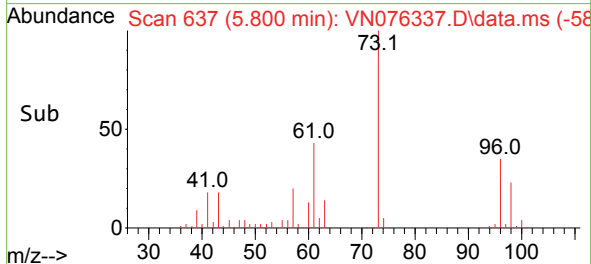
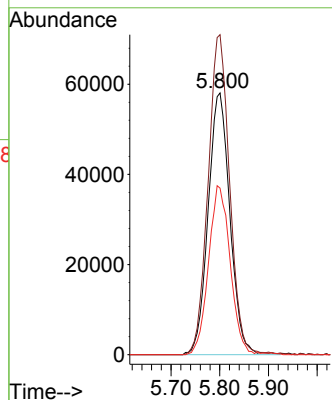
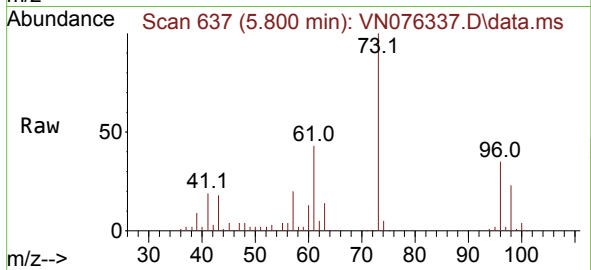




#21
trans-1,2-Dichloroethene
Concen: 45.424 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN076337.D
Acq: 20 Jan 2023 10:27

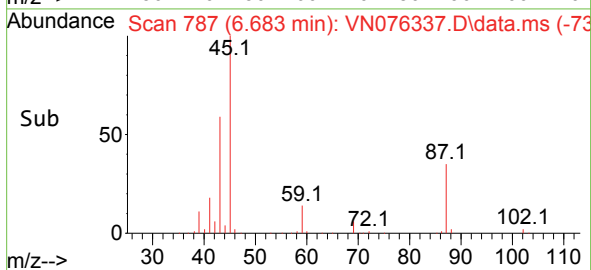
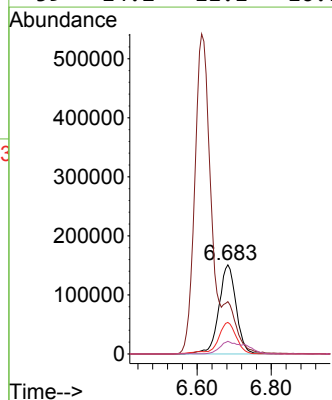
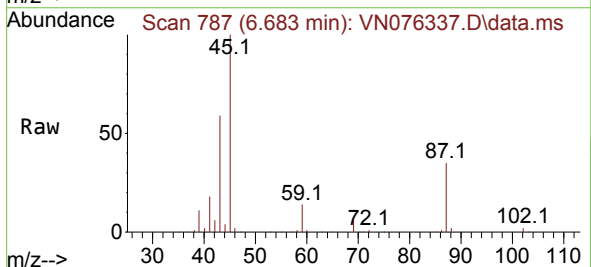
Instrument :
MSVOA_N
ClientSampleId :
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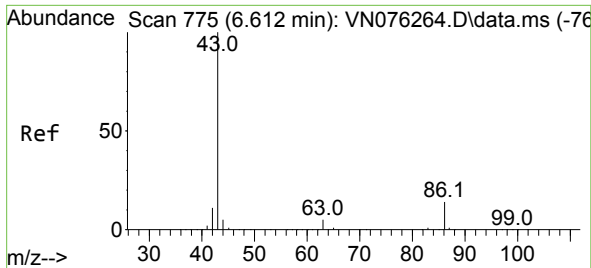
Tgt Ion: 96 Resp: 180547
Ion Ratio Lower Upper
96 100
61 122.2 97.0 145.4
98 63.6 51.9 77.9



#22
Diisopropyl ether
Concen: 48.376 ug/l
RT: 6.683 min Scan# 787
Delta R.T. -0.000 min
Lab File: VN076337.D
Acq: 20 Jan 2023 10:27

Tgt Ion: 45 Resp: 487765
Ion Ratio Lower Upper
45 100
43 57.8 44.4 66.6
87 35.4 28.4 42.6
59 14.2 11.1 16.7

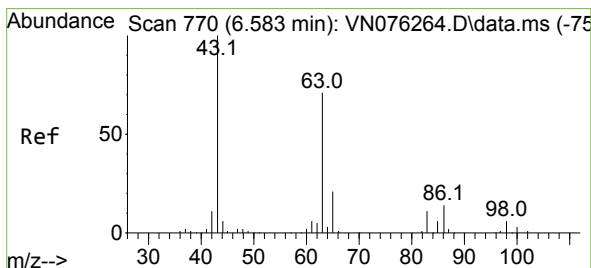
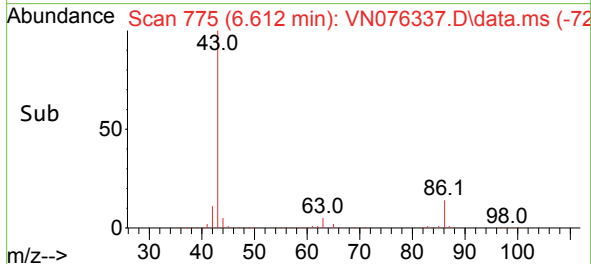
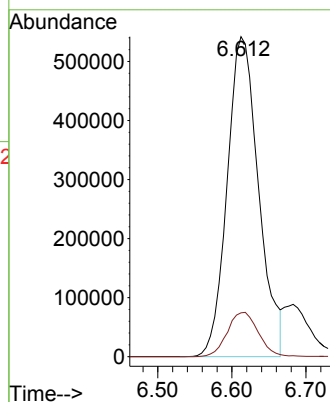
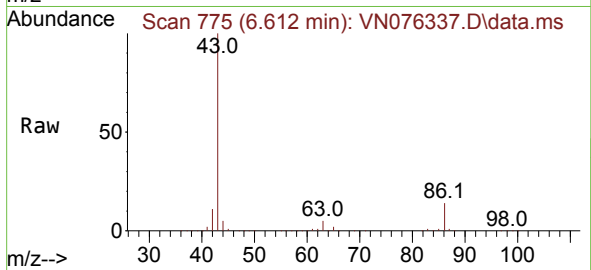




#23
 Vinyl Acetate
 Concen: 245.380 ug/l
 RT: 6.612 min Scan# 775
 Delta R.T. 0.000 min
 Lab File: VN076337.D
 Acq: 20 Jan 2023 10:27

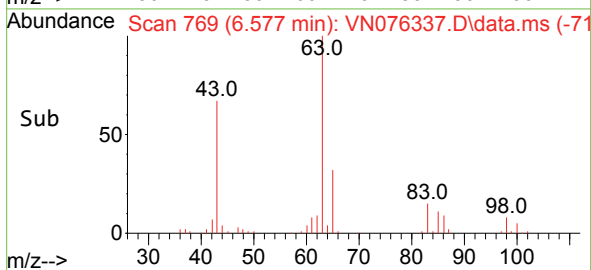
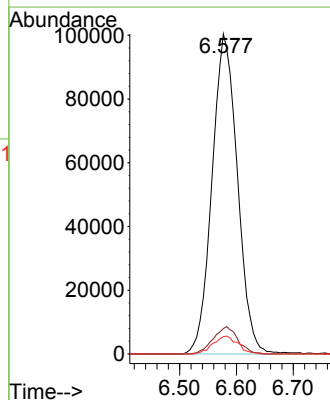
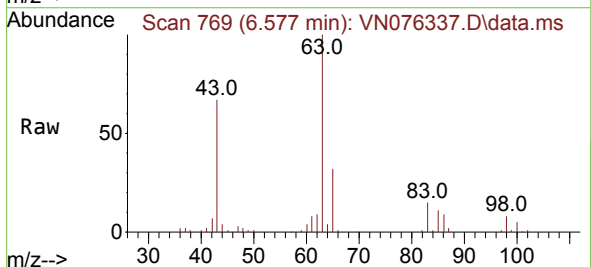
Instrument :
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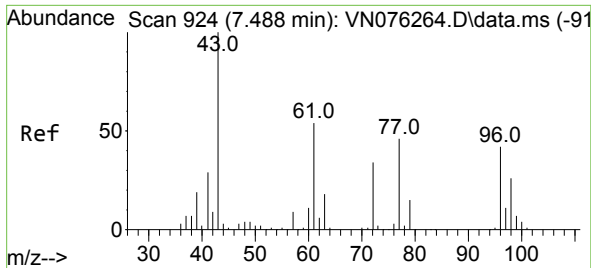
Tgt Ion: 43 Resp: 1599013
 Ion Ratio Lower Upper
 43 100
 86 13.7 11.2 16.8



#24
 1,1-Dichloroethane
 Concen: 46.318 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. -0.006 min
 Lab File: VN076337.D
 Acq: 20 Jan 2023 10:27

Tgt Ion: 63 Resp: 311302
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.9 11.7
 100 5.4 2.2 6.6

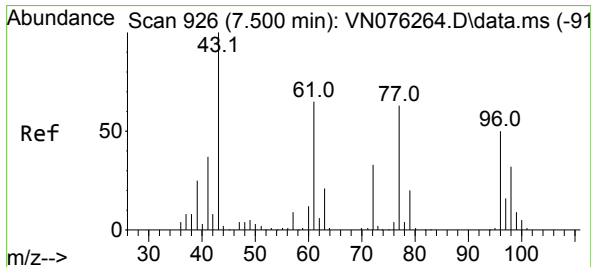
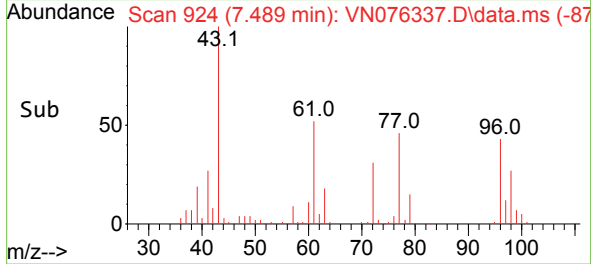
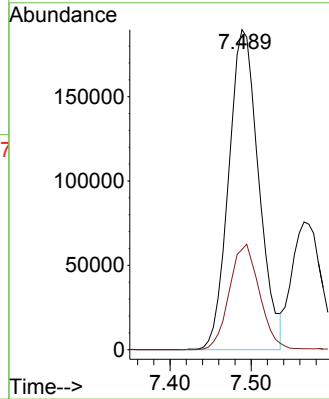
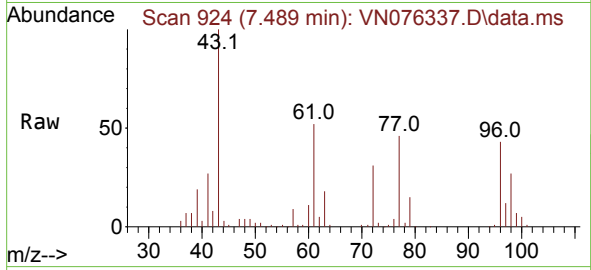




#25
2-Butanone
Concen: 232.743 ug/l
RT: 7.489 min Scan# 91
Delta R.T. 0.001 min
Lab File: VN076337.D
Acq: 20 Jan 2023 10:27

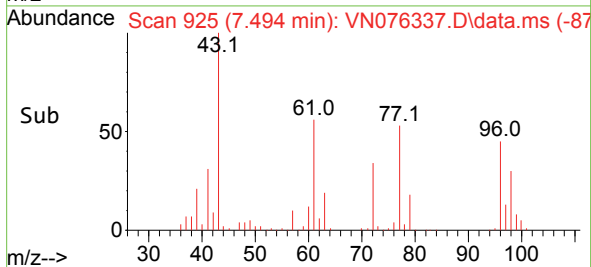
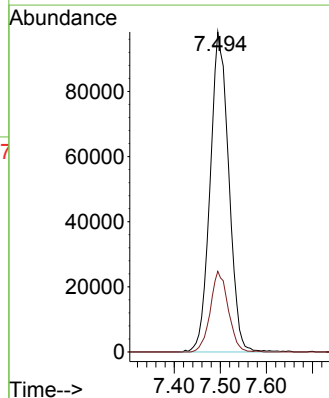
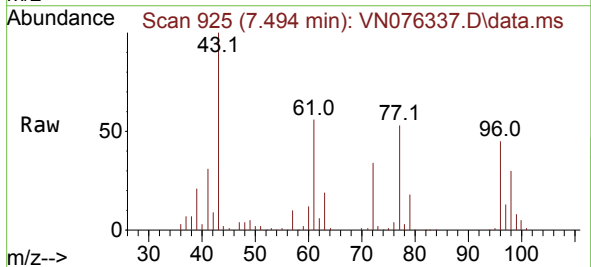
Instrument :
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ClientSampleId :
VSTDCCC050

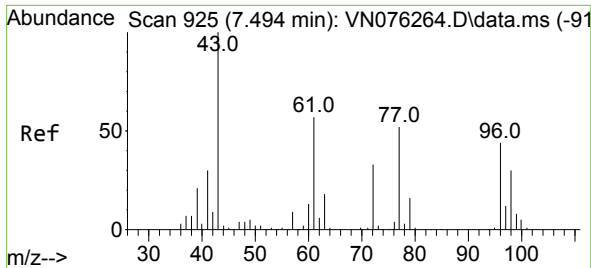
Tgt Ion: 43 Resp: 488735
Ion Ratio Lower Upper
43 100
72 31.3 27.4 41.2



#26
2,2-Dichloropropane
Concen: 48.709 ug/l
RT: 7.494 min Scan# 925
Delta R.T. -0.006 min
Lab File: VN076337.D
Acq: 20 Jan 2023 10:27

Tgt Ion: 77 Resp: 275916
Ion Ratio Lower Upper
77 100
97 24.1 11.8 35.4





#27

cis-1,2-Dichloroethene

Concen: 47.735 ug/l

RT: 7.494 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN076337.D

Acq: 20 Jan 2023 10:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

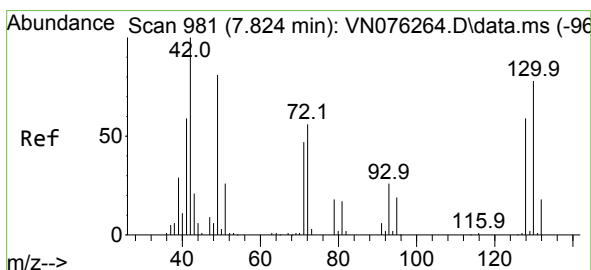
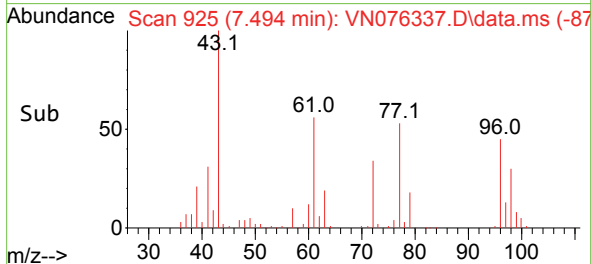
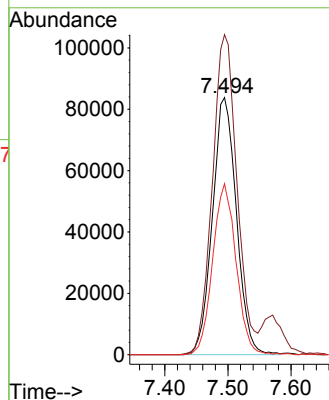
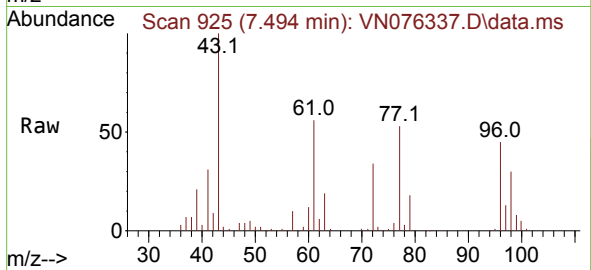
Tgt Ion: 96 Resp: 221287

Ion Ratio Lower Upper

96 100

61 127.8 0.0 259.6

98 64.9 0.0 129.4



#28

Bromochloromethane

Concen: 49.596 ug/l

RT: 7.818 min Scan# 980

Delta R.T. -0.006 min

Lab File: VN076337.D

Acq: 20 Jan 2023 10:27

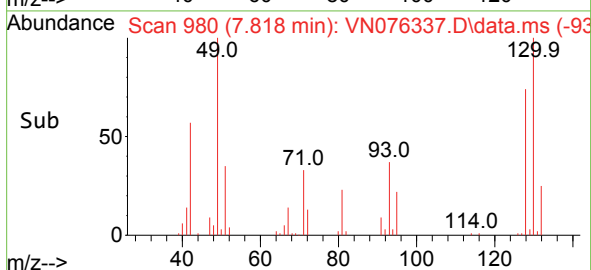
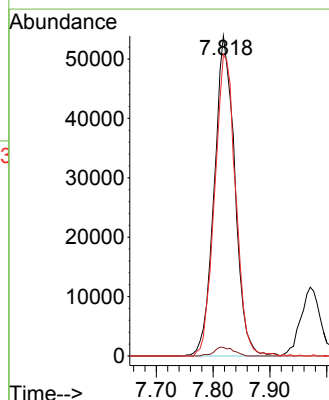
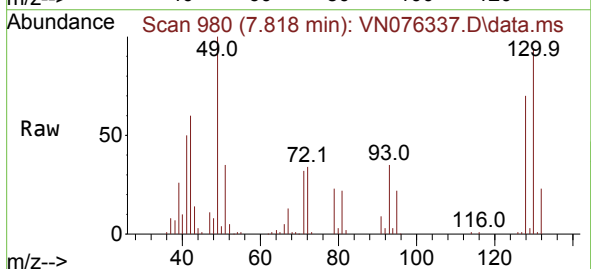
Tgt Ion: 49 Resp: 135108

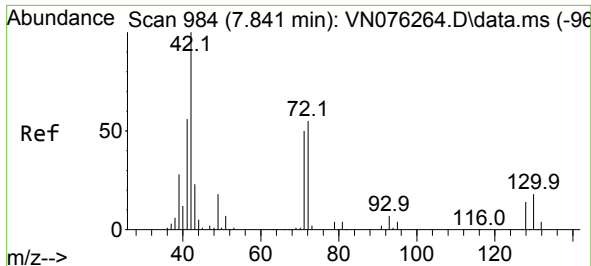
Ion Ratio Lower Upper

49 100

129 2.6 0.0 5.2

130 96.1 76.0 114.0

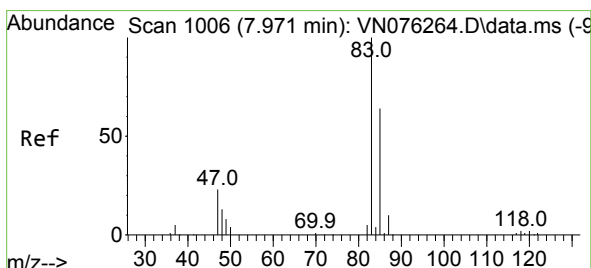
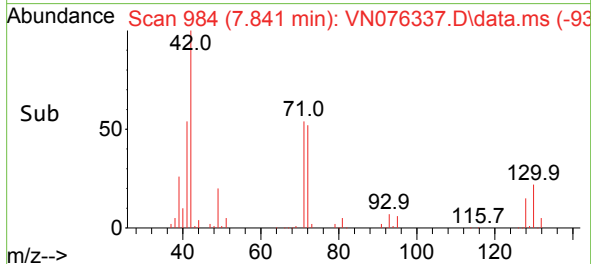
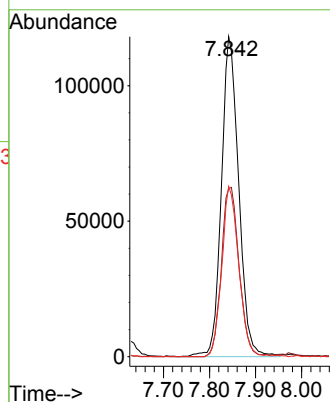
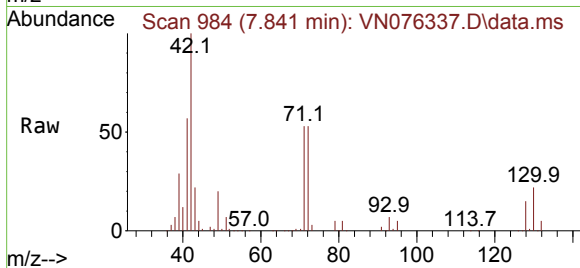




#29
Tetrahydrofuran
Concen: 237.159 ug/l
RT: 7.841 min Scan# 984
Delta R.T. 0.000 min
Lab File: VN076337.D
Acq: 20 Jan 2023 10:27

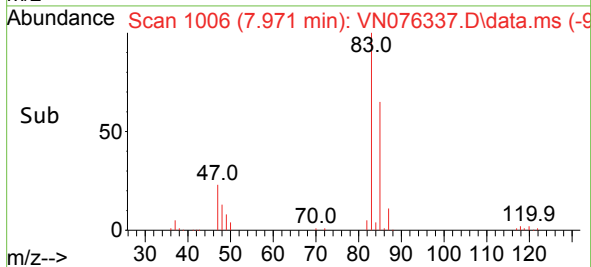
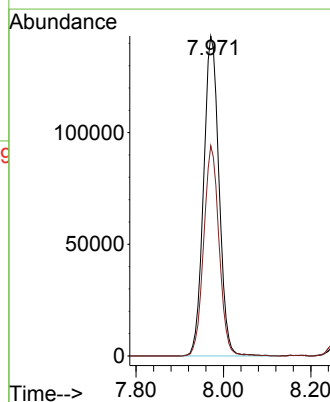
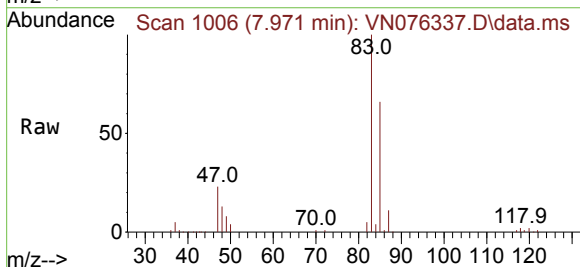
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

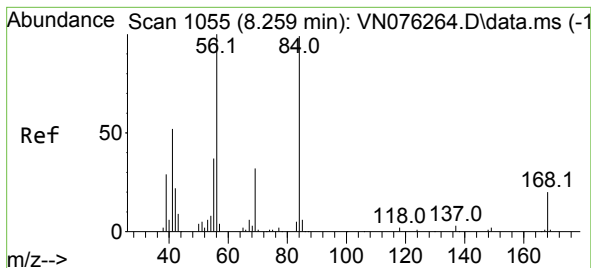
Tgt Ion: 42 Resp: 307363
Ion Ratio Lower Upper
42 100
72 54.2 44.0 66.0
71 52.1 41.1 61.7



#30
Chloroform
Concen: 47.329 ug/l
RT: 7.971 min Scan# 1006
Delta R.T. -0.000 min
Lab File: VN076337.D
Acq: 20 Jan 2023 10:27

Tgt Ion: 83 Resp: 351972
Ion Ratio Lower Upper
83 100
85 65.7 51.0 76.6





#31

Cyclohexane

Concen: 42.590 ug/l

RT: 8.265 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN076337.D

Acq: 20 Jan 2023 10:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

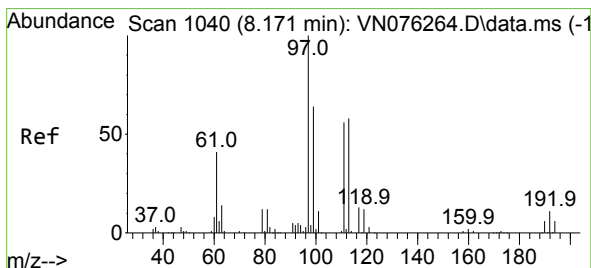
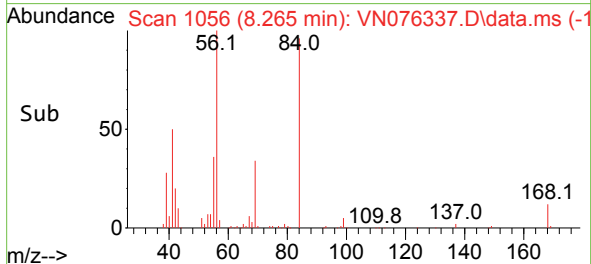
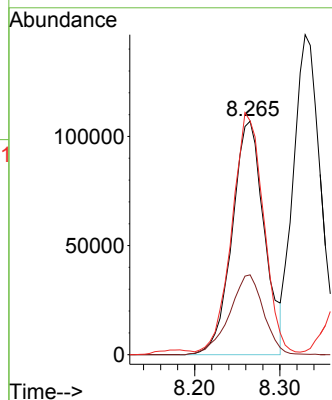
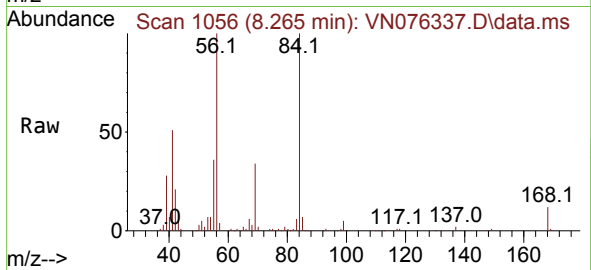
Tgt Ion: 56 Resp: 280606

Ion Ratio Lower Upper

56 100

69 34.2 25.8 38.8

84 98.0 79.0 118.4



#32

1,1,1-Trichloroethane

Concen: 48.005 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN076337.D

Acq: 20 Jan 2023 10:27

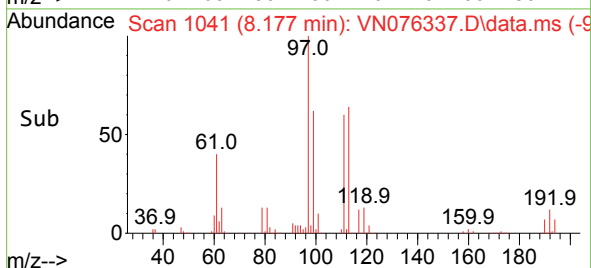
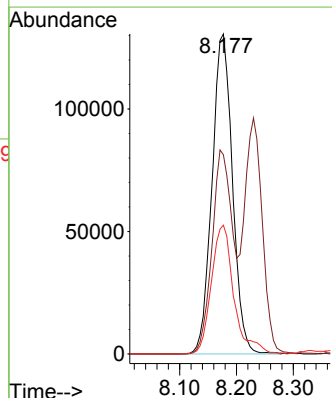
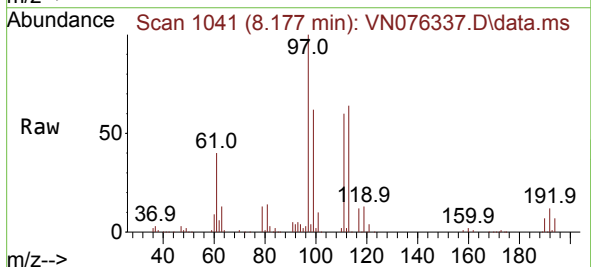
Tgt Ion: 97 Resp: 325943

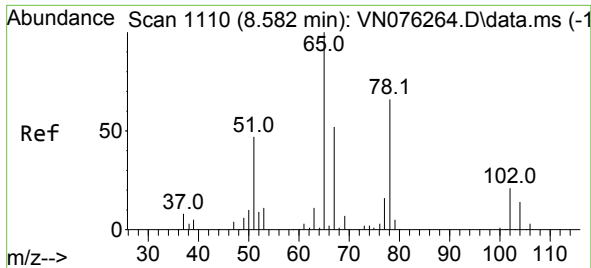
Ion Ratio Lower Upper

97 100

99 62.9 55.0 82.4

61 44.3 36.2 54.4





#33

1,2-Dichloroethane-d4

Concen: 50.724 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. 0.001 min

Lab File: VN076337.D

Acq: 20 Jan 2023 10:27

Instrument :

MSVOA_N

ClientSampleId :

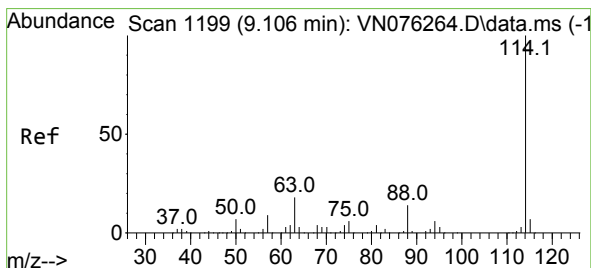
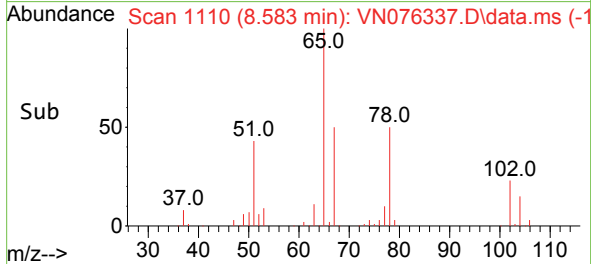
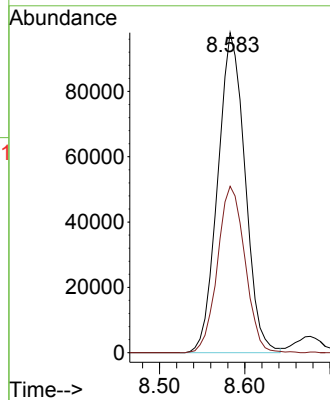
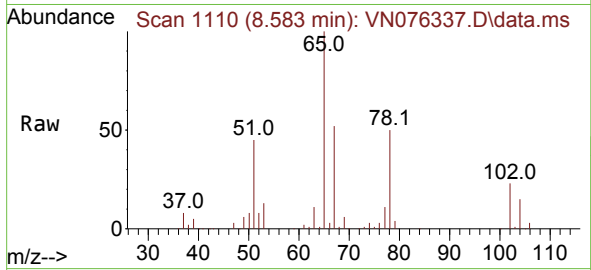
VSTDCCC050

Tgt Ion: 65 Resp: 217554

Ion Ratio Lower Upper

65 100

67 52.4 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN076337.D

Acq: 20 Jan 2023 10:27

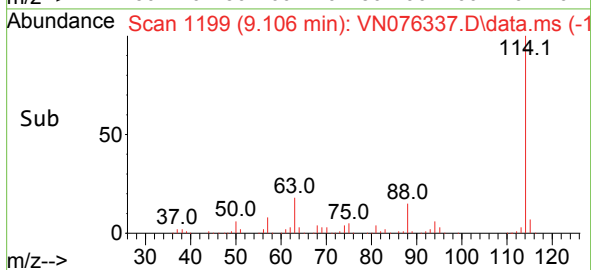
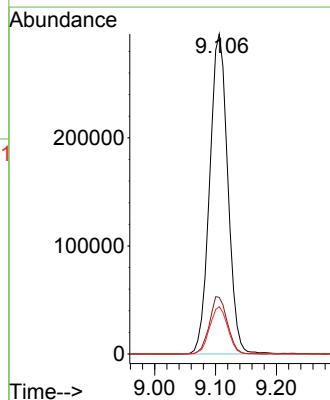
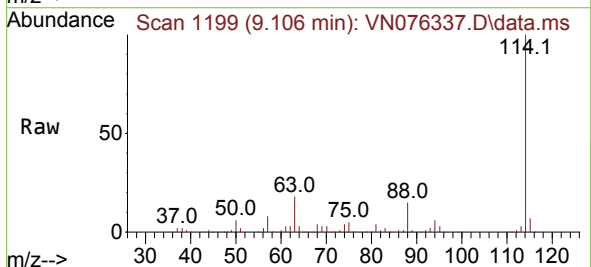
Tgt Ion: 114 Resp: 610968

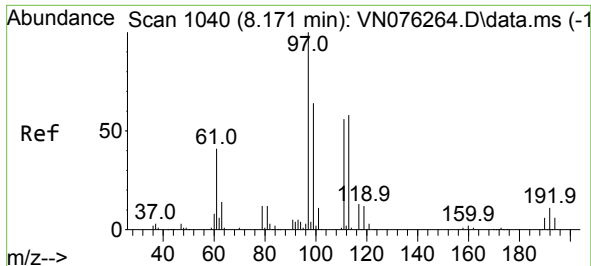
Ion Ratio Lower Upper

114 100

63 17.7 0.0 35.8

88 14.8 0.0 28.0





#35

Dibromofluoromethane

Concen: 52.160 ug/l

RT: 8.177 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VN076337.D

Acq: 20 Jan 2023 10:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

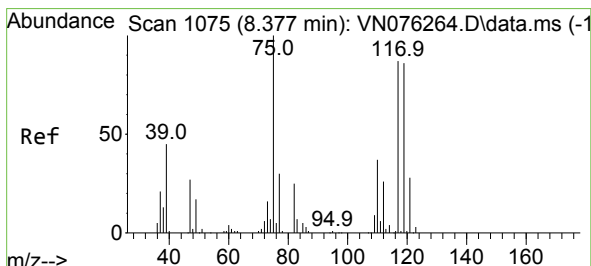
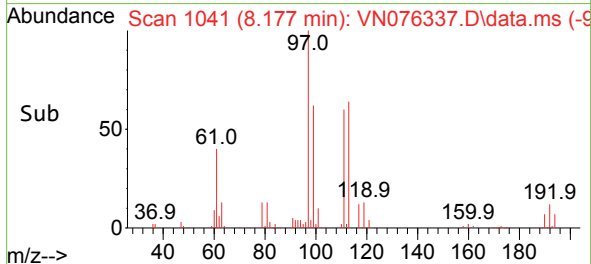
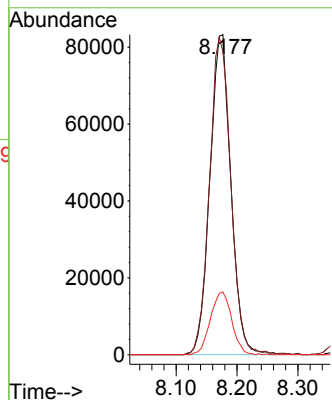
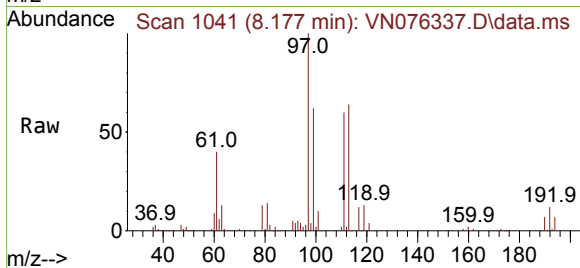
Tgt Ion:113 Resp: 199349

Ion Ratio Lower Upper

113 100

111 101.2 82.7 124.1

192 19.8 15.6 23.4



#36

1,1-Dichloropropene

Concen: 46.832 ug/l

RT: 8.377 min Scan# 1075

Delta R.T. -0.000 min

Lab File: VN076337.D

Acq: 20 Jan 2023 10:27

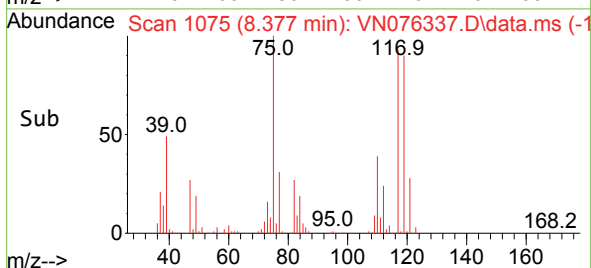
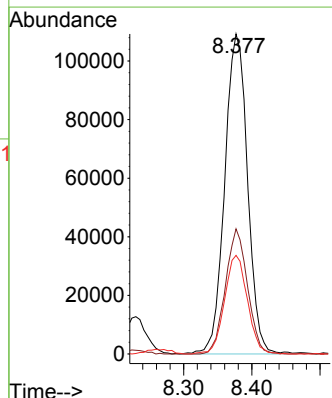
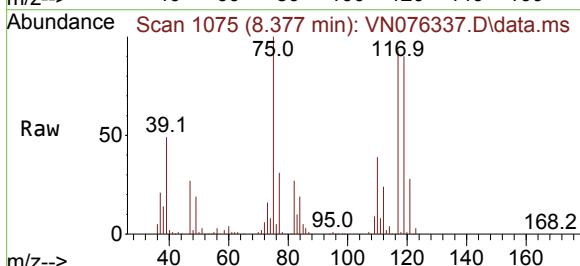
Tgt Ion: 75 Resp: 254336

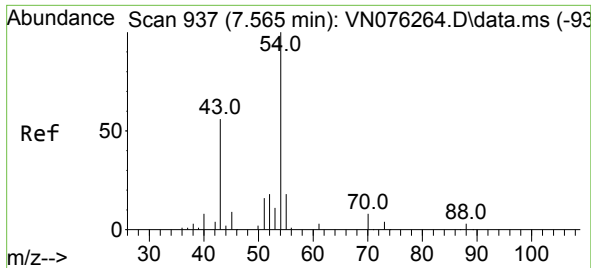
Ion Ratio Lower Upper

75 100

110 37.7 18.8 56.3

77 31.0 25.0 37.4

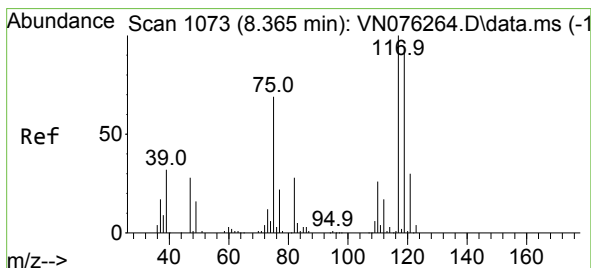
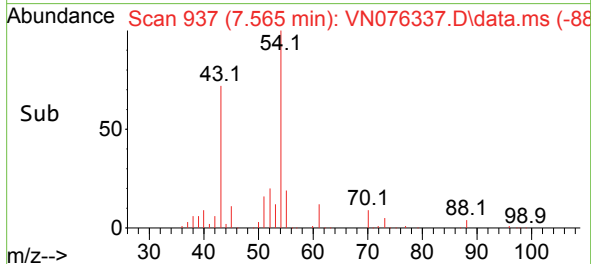
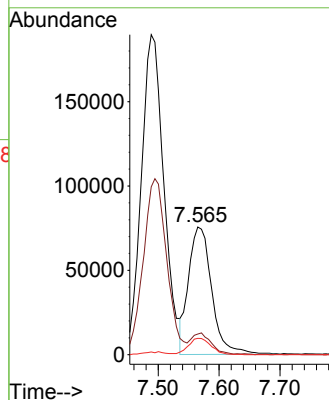
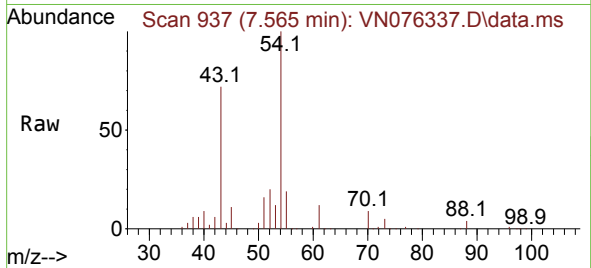




#37
Ethyl Acetate
Concen: 45.925 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN076337.D
Acq: 20 Jan 2023 10:27

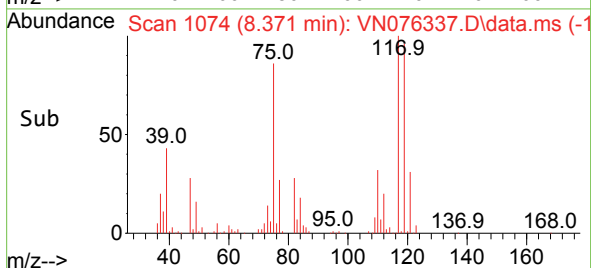
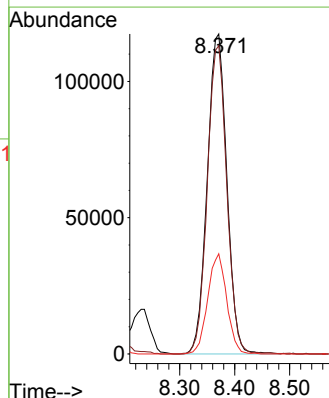
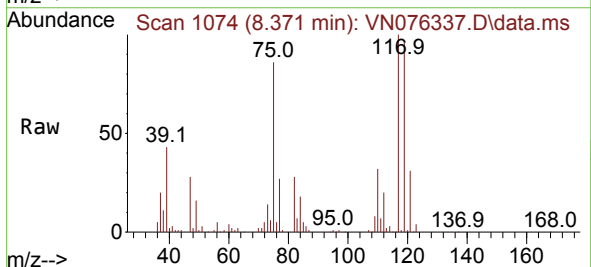
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

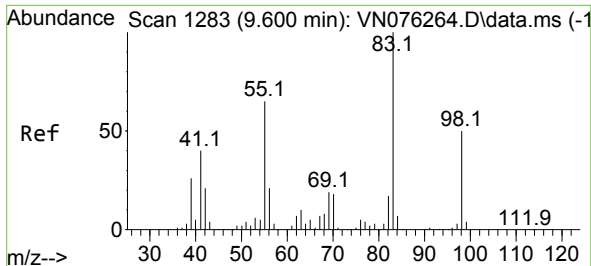
Tgt Ion: 43 Resp: 200035
Ion Ratio Lower Upper
43 100
61 14.8 11.1 16.7
70 12.6 10.0 15.0



#38
Carbon Tetrachloride
Concen: 48.071 ug/l
RT: 8.371 min Scan# 1074
Delta R.T. 0.006 min
Lab File: VN076337.D
Acq: 20 Jan 2023 10:27

Tgt Ion: 117 Resp: 291124
Ion Ratio Lower Upper
117 100
119 96.4 75.4 113.0
121 31.3 24.2 36.2





#39

Methylcyclohexane

Concen: 48.795 ug/l

RT: 9.606 min Scan# 1124

Delta R.T. 0.006 min

Lab File: VN076337.D

Acq: 20 Jan 2023 10:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

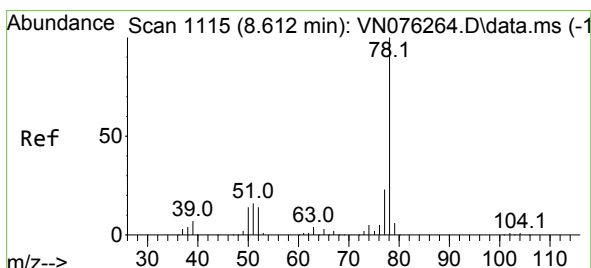
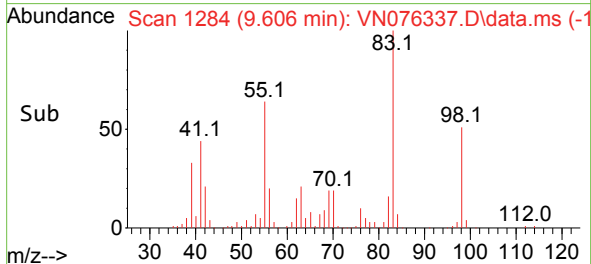
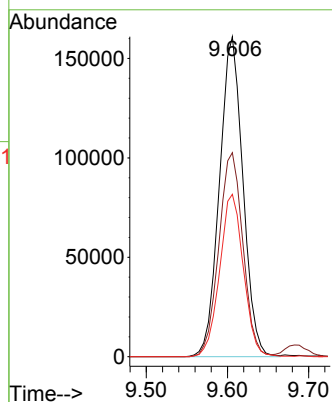
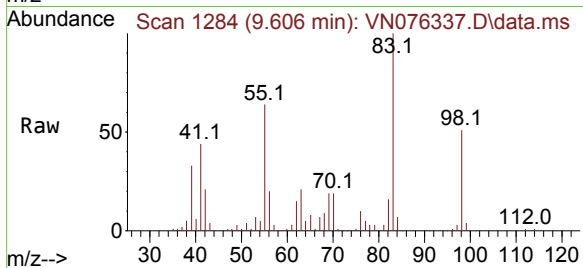
Tgt Ion: 83 Resp: 323607

Ion Ratio Lower Upper

83 100

55 63.7 51.7 77.5

98 50.8 40.0 60.0



#40

Benzene

Concen: 47.480 ug/l

RT: 8.612 min Scan# 1115

Delta R.T. 0.000 min

Lab File: VN076337.D

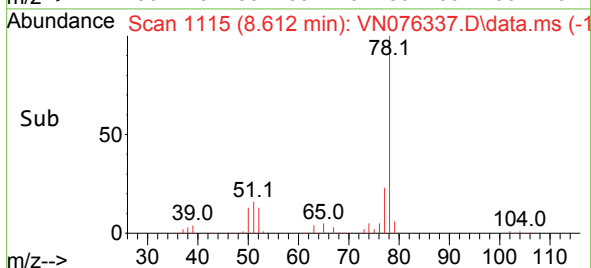
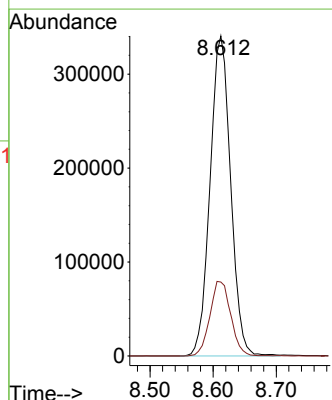
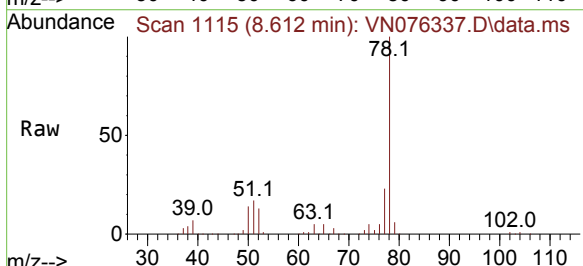
Acq: 20 Jan 2023 10:27

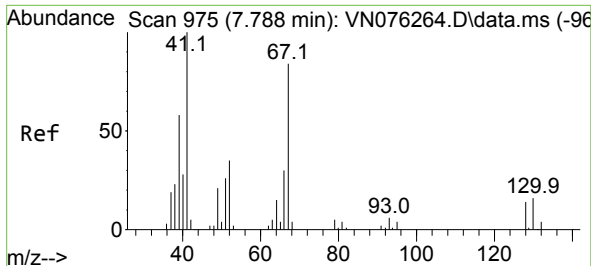
Tgt Ion: 78 Resp: 771016

Ion Ratio Lower Upper

78 100

77 23.1 18.6 28.0



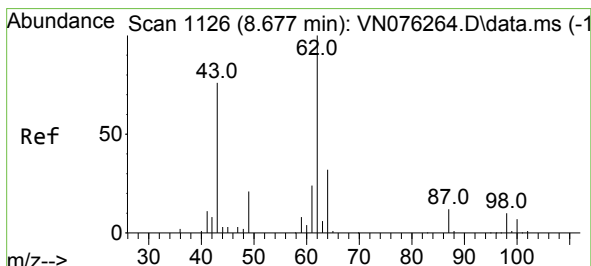
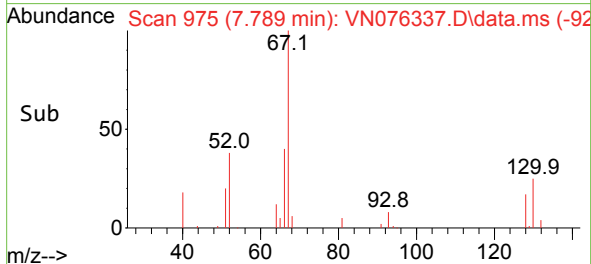
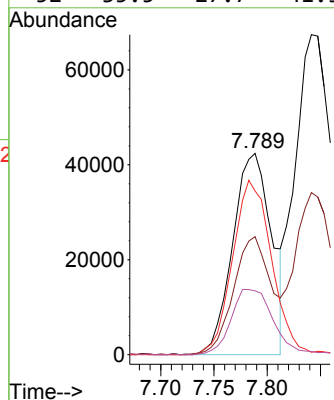
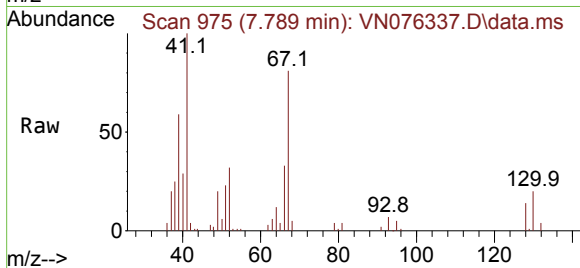


#41
Methacrylonitrile
Concen: 47.108 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.001 min
Lab File: VN076337.D
Acq: 20 Jan 2023 10:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 107443

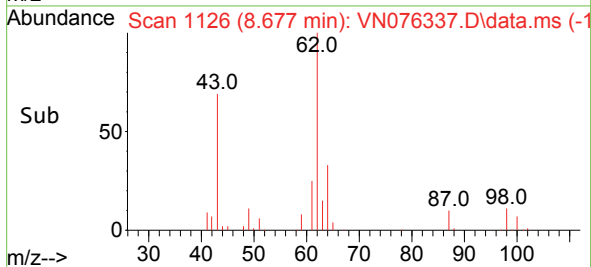
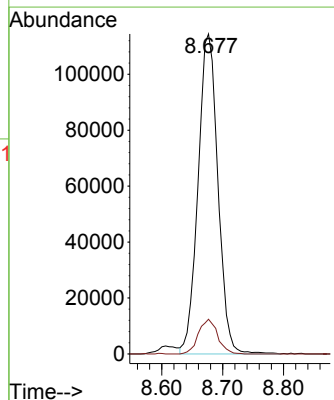
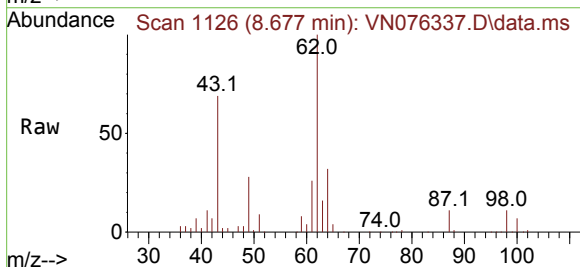
Ion	Ratio	Lower	Upper
41	100		
39	56.8	42.4	63.6
67	87.7	68.8	103.2
52	35.5	27.7	41.5

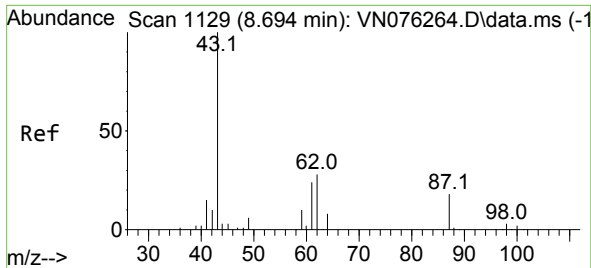


#42
1,2-Dichloroethane
Concen: 46.686 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN076337.D
Acq: 20 Jan 2023 10:27

Tgt Ion: 62 Resp: 259393

Ion	Ratio	Lower	Upper
62	100		
98	10.5	0.0	20.4

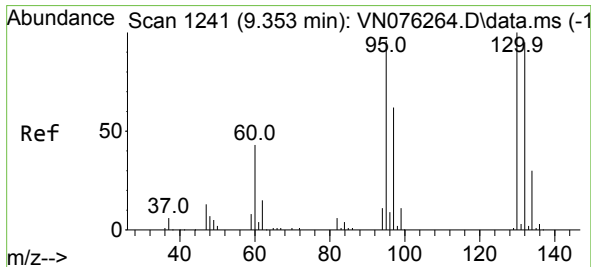
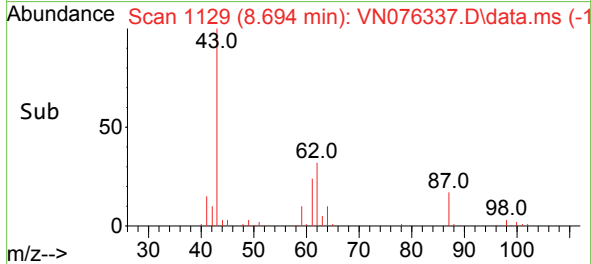
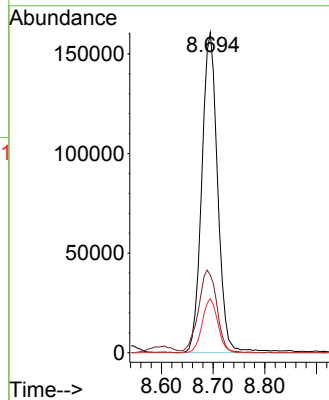
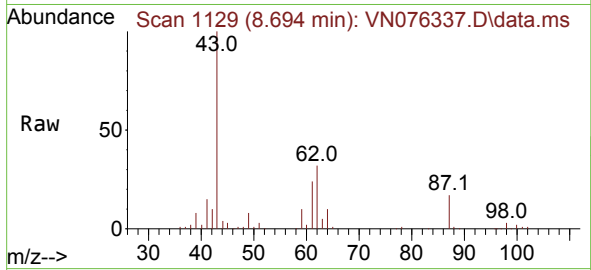




#43
Isopropyl Acetate
Concen: 48.454 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN076337.D
Acq: 20 Jan 2023 10:27

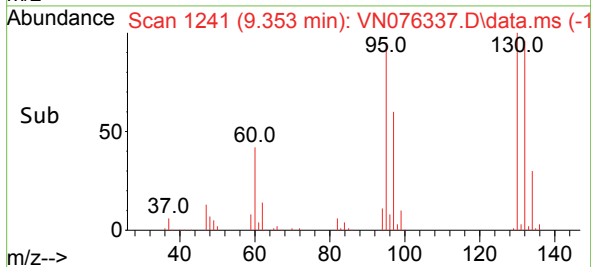
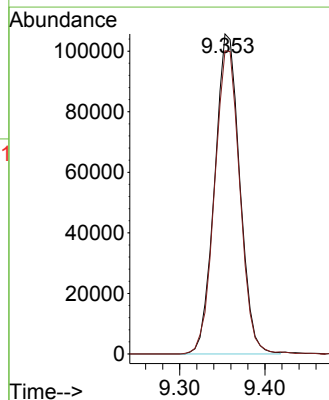
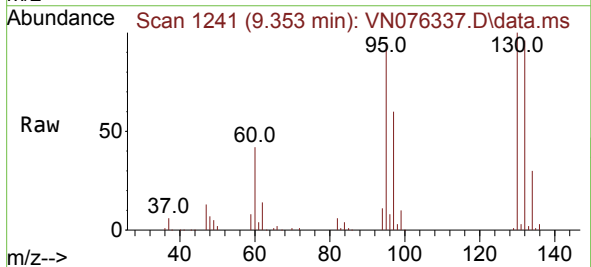
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

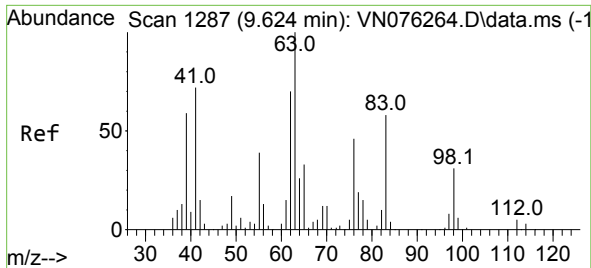
Tgt Ion: 43 Resp: 343362
Ion Ratio Lower Upper
43 100
61 29.9 23.5 35.3
87 16.5 13.8 20.6



#44
Trichloroethene
Concen: 47.006 ug/l
RT: 9.353 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VN076337.D
Acq: 20 Jan 2023 10:27

Tgt Ion:130 Resp: 215893
Ion Ratio Lower Upper
130 100
95 94.7 0.0 192.0

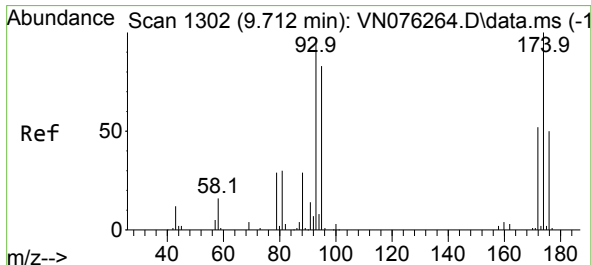
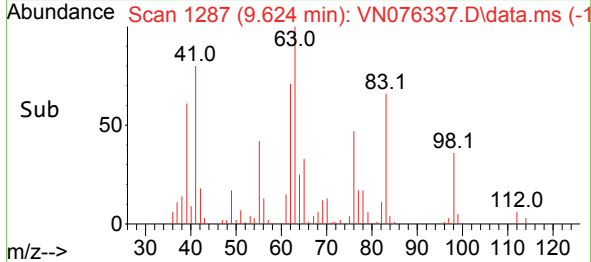
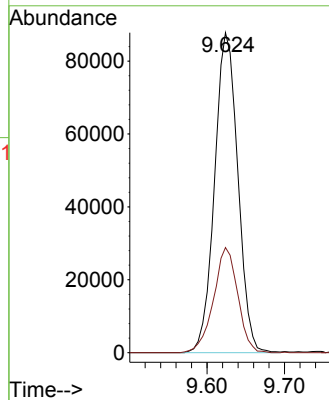
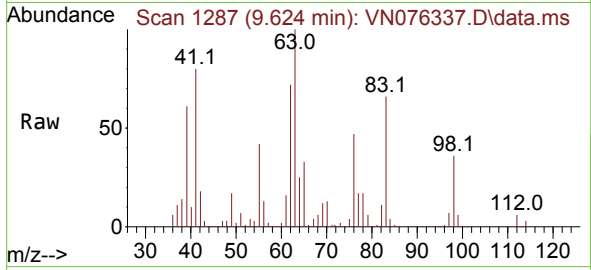




#45
1,2-Dichloropropane
Concen: 47.113 ug/l
RT: 9.624 min Scan# 1287
Delta R.T. -0.000 min
Lab File: VN076337.D
Acq: 20 Jan 2023 10:27

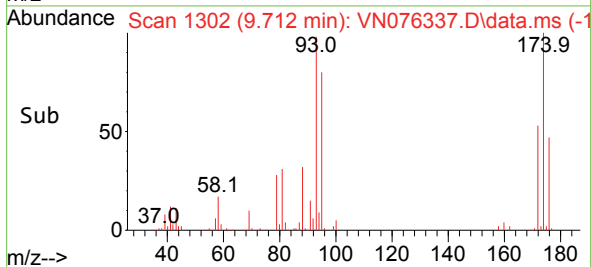
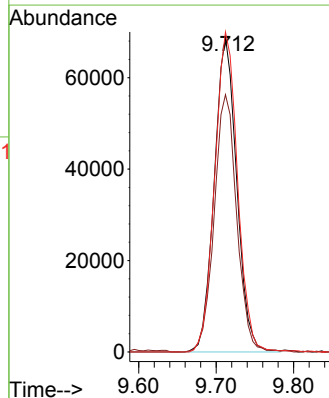
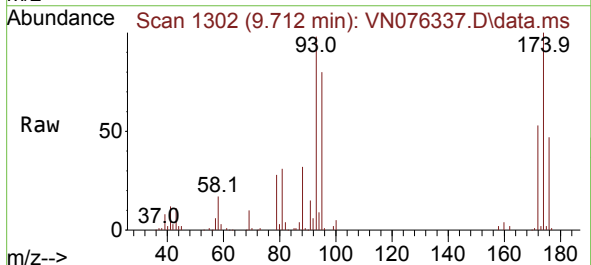
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

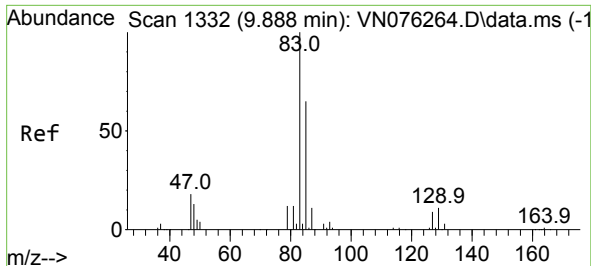
Tgt Ion: 63 Resp: 183173
Ion Ratio Lower Upper
63 100
65 32.8 26.4 39.6



#46
Dibromomethane
Concen: 47.093 ug/l
RT: 9.712 min Scan# 1302
Delta R.T. -0.000 min
Lab File: VN076337.D
Acq: 20 Jan 2023 10:27

Tgt Ion: 93 Resp: 138237
Ion Ratio Lower Upper
93 100
95 82.4 66.0 99.0
174 103.9 81.3 121.9





#47

Bromodichloromethane

Concen: 48.744 ug/l

RT: 9.894 min Scan# 1333

Delta R.T. 0.006 min

Lab File: VN076337.D

Acq: 20 Jan 2023 10:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

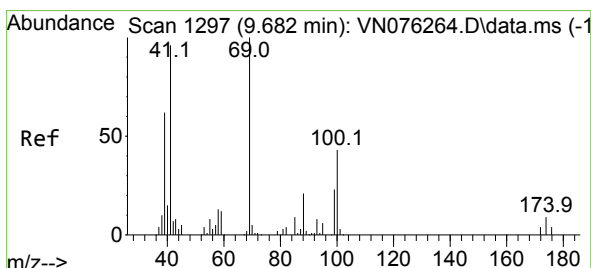
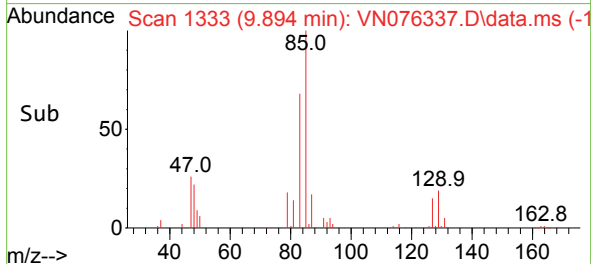
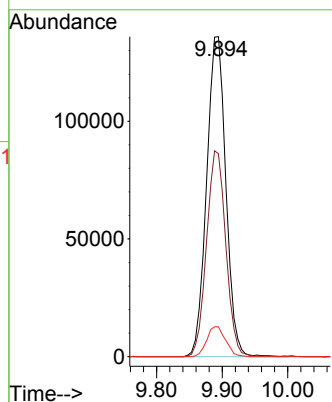
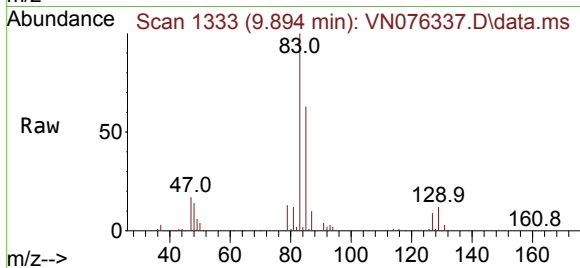
Tgt Ion: 83 Resp: 277513

Ion Ratio Lower Upper

83 100

85 63.4 52.1 78.1

127 9.4 7.4 11.0



#48

Methyl methacrylate

Concen: 46.986 ug/l

RT: 9.683 min Scan# 1297

Delta R.T. 0.001 min

Lab File: VN076337.D

Acq: 20 Jan 2023 10:27

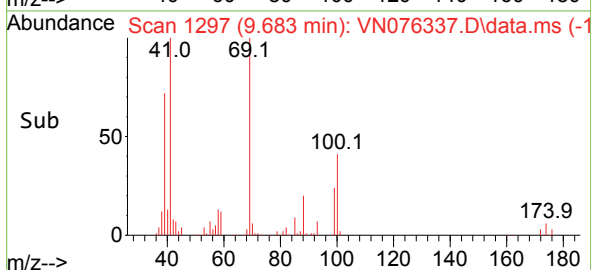
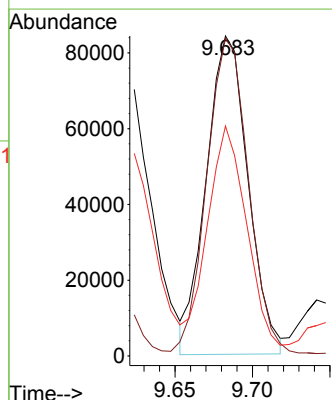
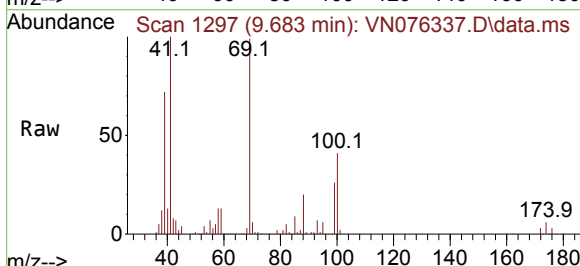
Tgt Ion: 41 Resp: 157628

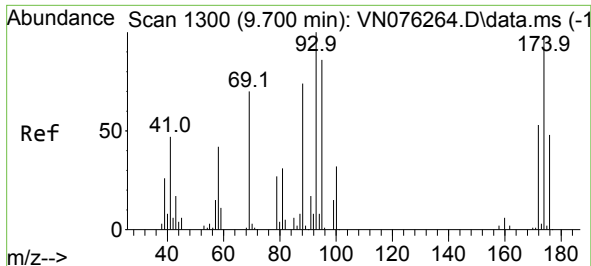
Ion Ratio Lower Upper

41 100

69 101.3 80.8 121.2

39 69.3 54.4 81.6





#49

1,4-Dioxane

Concen: 1009.879 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN076337.D

Acq: 20 Jan 2023 10:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

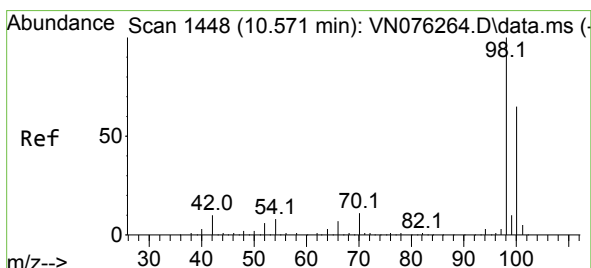
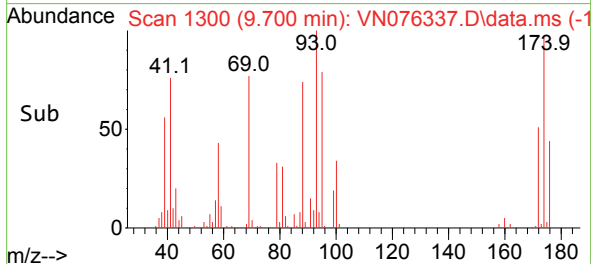
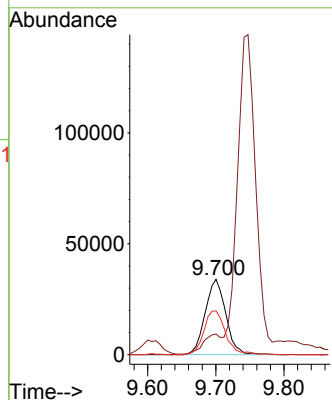
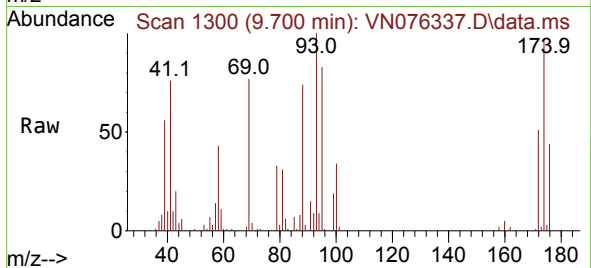
Tgt Ion: 88 Resp: 71487

Ion Ratio Lower Upper

88 100

43 21.9 18.1 27.1

58 61.4 46.5 69.7



#50

Toluene-d8

Concen: 52.228 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN076337.D

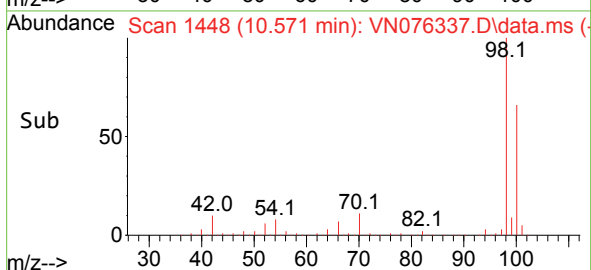
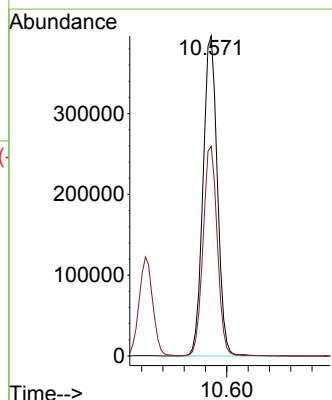
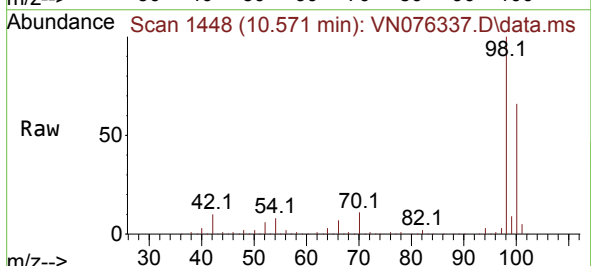
Acq: 20 Jan 2023 10:27

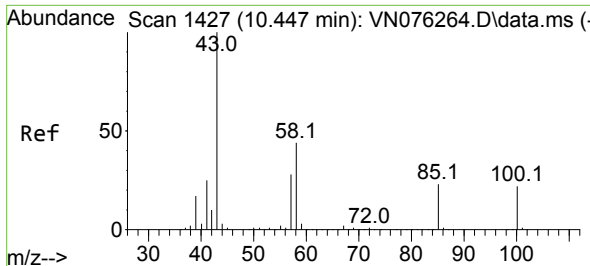
Tgt Ion: 98 Resp: 737178

Ion Ratio Lower Upper

98 100

100 65.2 52.2 78.4

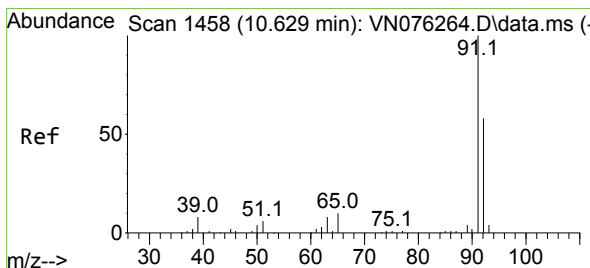
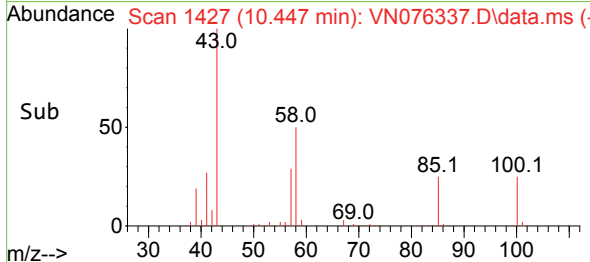
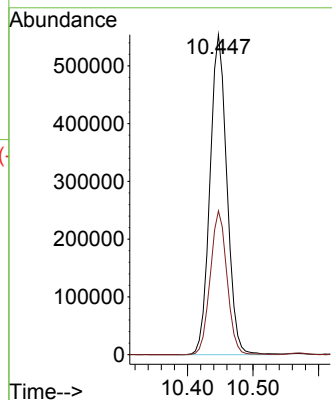
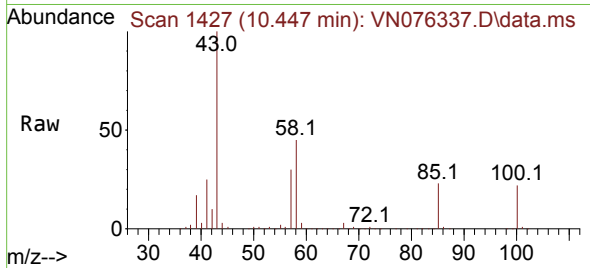




#51
4-Methyl-2-Pentanone
Concen: 238.969 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN076337.D
Acq: 20 Jan 2023 10:27

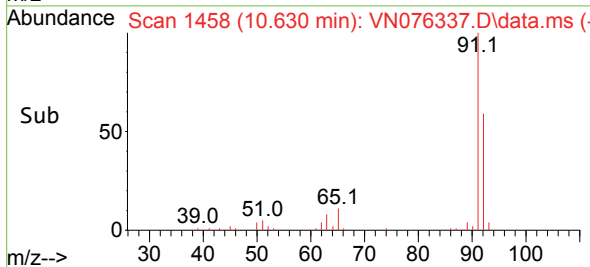
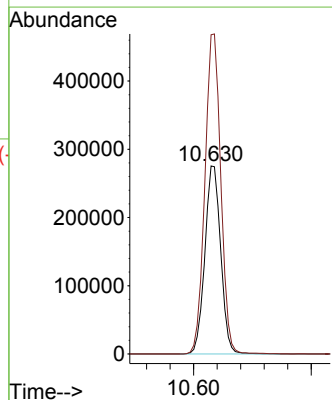
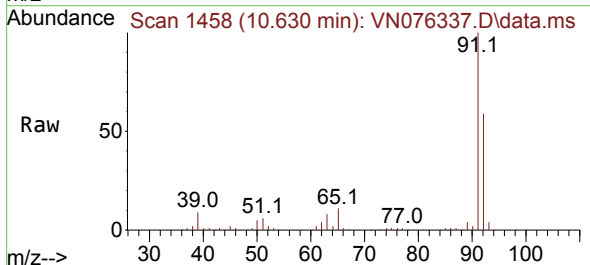
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

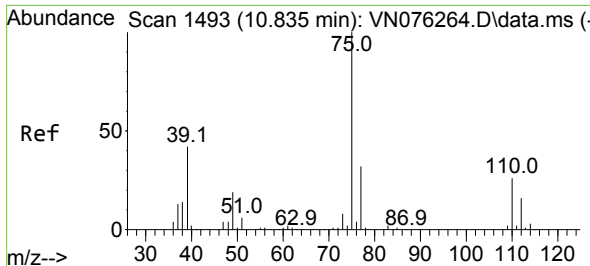
Tgt Ion: 43 Resp: 994095
Ion Ratio Lower Upper
43 100
58 44.5 35.1 52.7



#52
Toluene
Concen: 47.429 ug/l
RT: 10.630 min Scan# 1458
Delta R.T. 0.001 min
Lab File: VN076337.D
Acq: 20 Jan 2023 10:27

Tgt Ion: 92 Resp: 515055
Ion Ratio Lower Upper
92 100
91 171.0 136.6 205.0

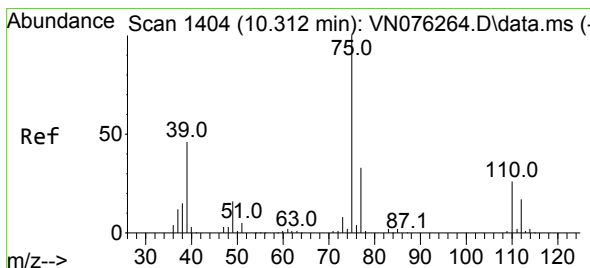
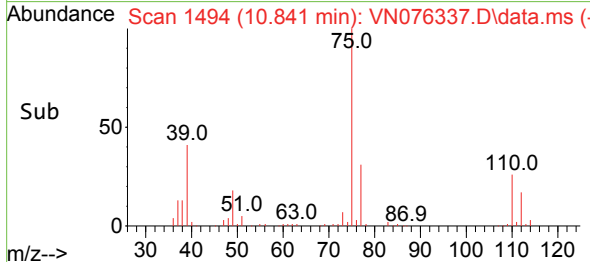
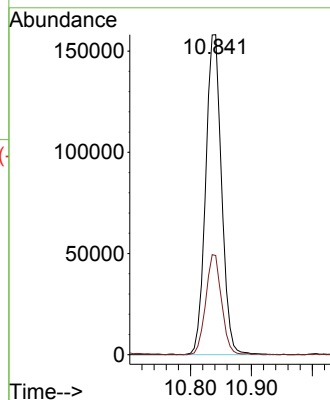
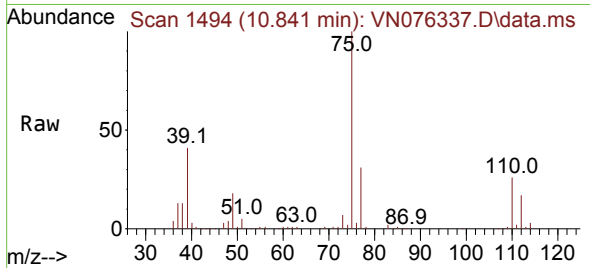




#53
 t-1,3-Dichloropropene
 Concen: 52.897 ug/l
 RT: 10.841 min Scan# 1494
 Delta R.T. 0.006 min
 Lab File: VN076337.D
 Acq: 20 Jan 2023 10:27

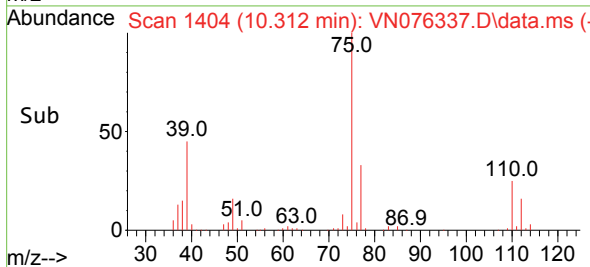
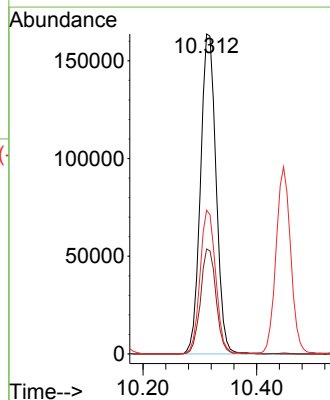
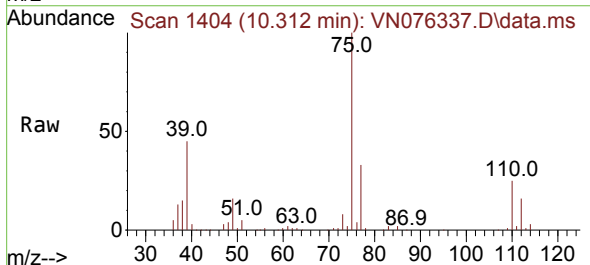
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

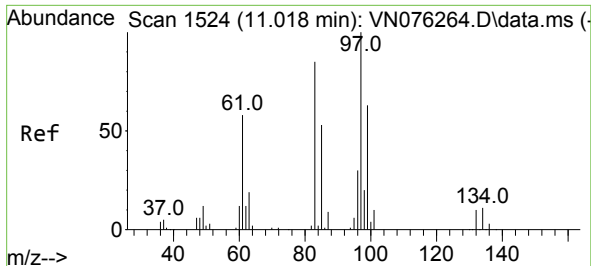
Tgt Ion: 75 Resp: 287090
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.8 38.6



#54
 cis-1,3-Dichloropropene
 Concen: 50.019 ug/l
 RT: 10.312 min Scan# 1404
 Delta R.T. -0.000 min
 Lab File: VN076337.D
 Acq: 20 Jan 2023 10:27

Tgt Ion: 75 Resp: 312316
 Ion Ratio Lower Upper
 75 100
 77 32.8 26.5 39.7
 39 44.9 37.1 55.7

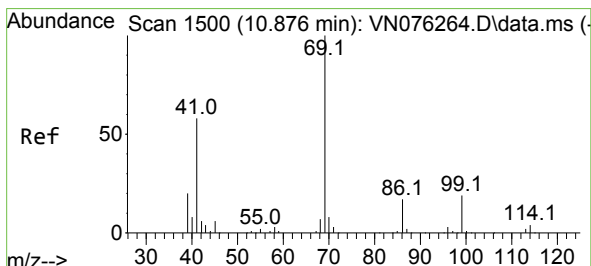
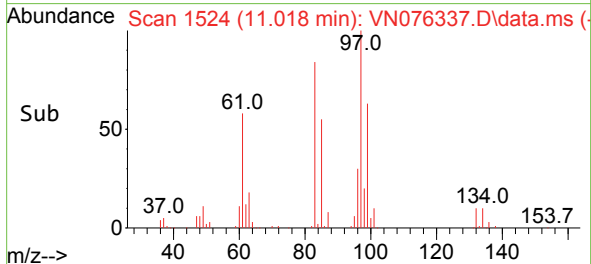
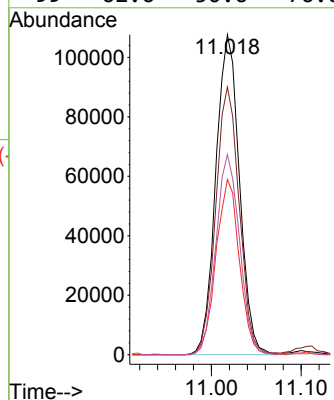
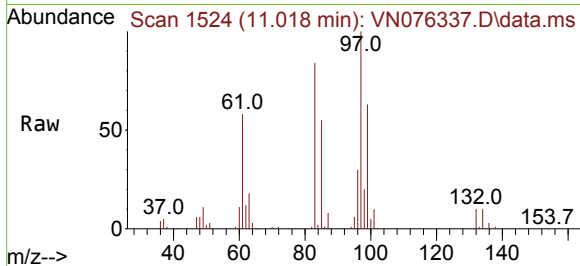




#55
1,1,2-Trichloroethane
Concen: 47.442 ug/l
RT: 11.018 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN076337.D
Acq: 20 Jan 2023 10:27

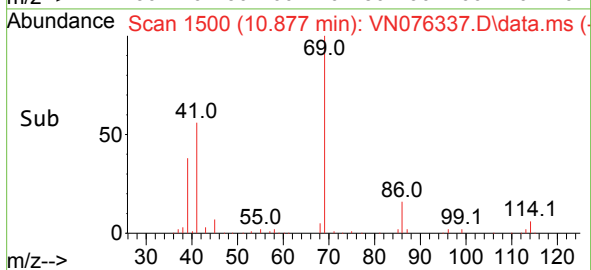
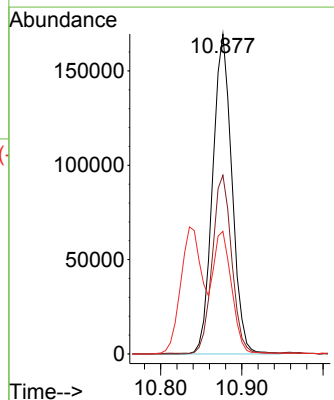
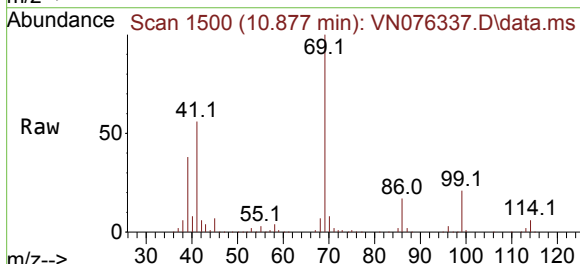
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

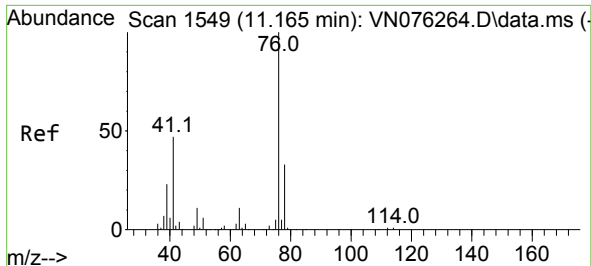
Tgt Ion:	97	Resp:	196926
Ion	Ratio	Lower	Upper
97	100		
83	83.7	67.8	101.6
85	54.8	42.3	63.5
99	62.6	50.6	76.0



#56
Ethyl methacrylate
Concen: 52.178 ug/l
RT: 10.877 min Scan# 1500
Delta R.T. 0.001 min
Lab File: VN076337.D
Acq: 20 Jan 2023 10:27

Tgt Ion:	69	Resp:	279619
Ion	Ratio	Lower	Upper
69	100		
41	56.8	45.3	67.9
39	35.4	29.3	43.9

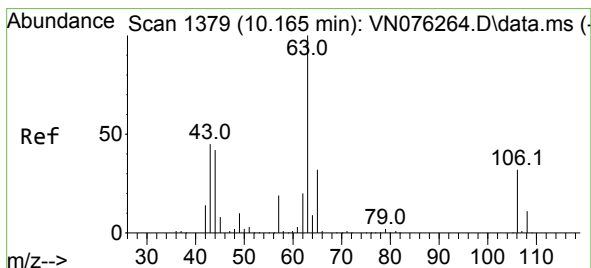
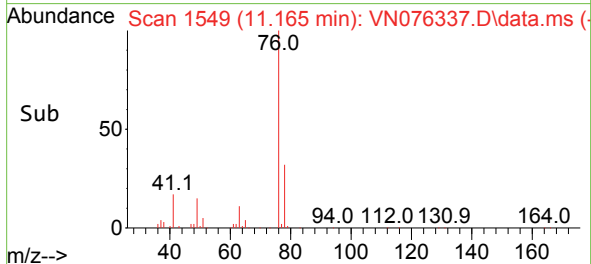
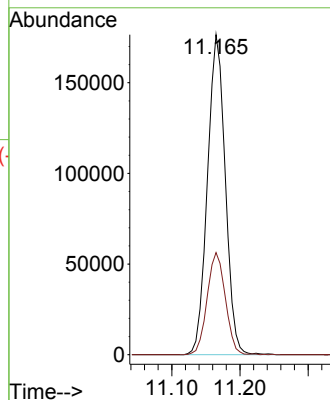
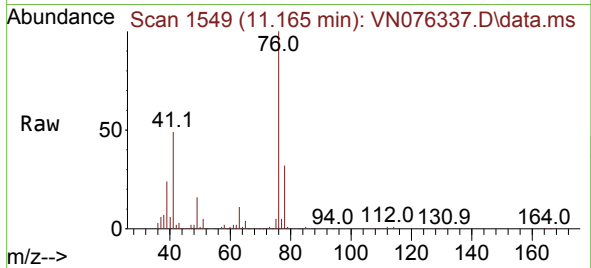




#57
1,3-Dichloropropane
Concen: 47.636 ug/l
RT: 11.165 min Scan# 1549
Delta R.T. -0.000 min
Lab File: VN076337.D
Acq: 20 Jan 2023 10:27

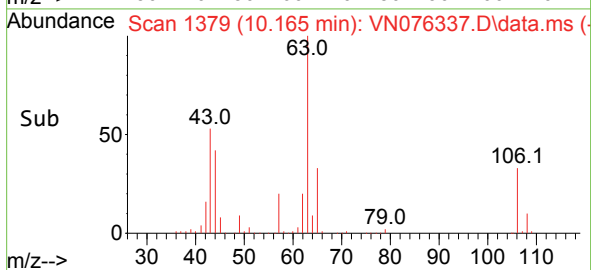
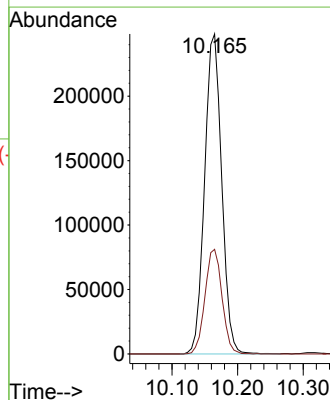
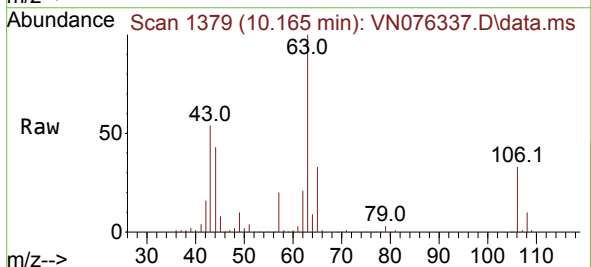
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

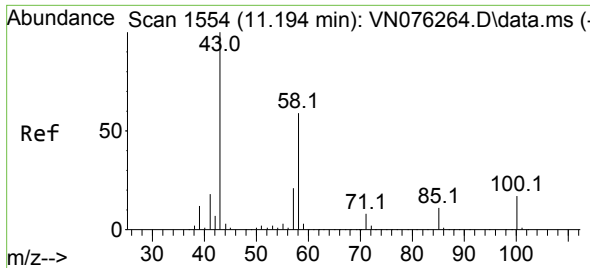
Tgt Ion: 76 Resp: 321327
Ion Ratio Lower Upper
76 100
78 32.5 26.4 39.6



#58
2-Chloroethyl Vinyl ether
Concen: 248.637 ug/l
RT: 10.165 min Scan# 1379
Delta R.T. -0.000 min
Lab File: VN076337.D
Acq: 20 Jan 2023 10:27

Tgt Ion: 63 Resp: 449814
Ion Ratio Lower Upper
63 100
106 32.7 26.2 39.2

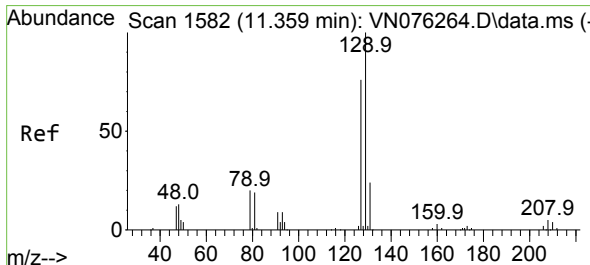
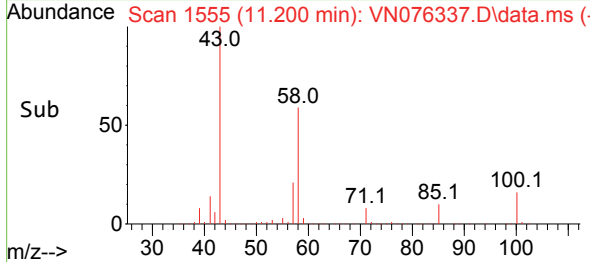
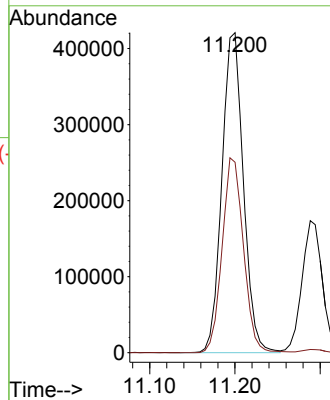
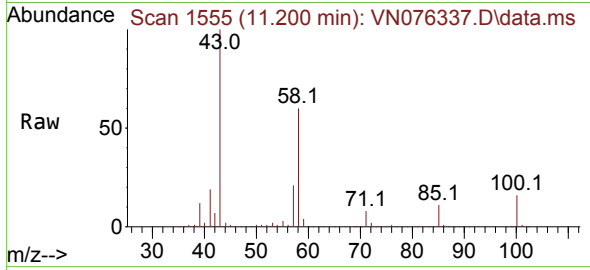




#59
2-Hexanone
Concen: 244.735 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.006 min
Lab File: VN076337.D
Acq: 20 Jan 2023 10:27

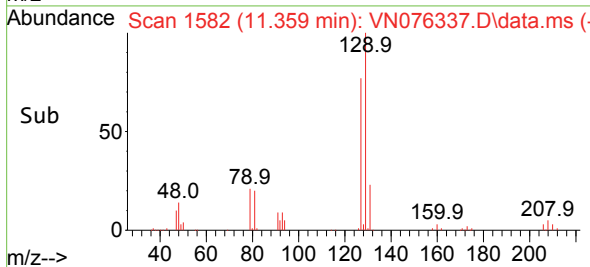
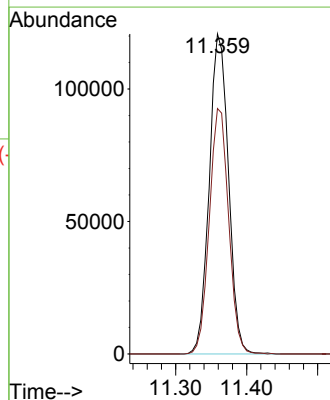
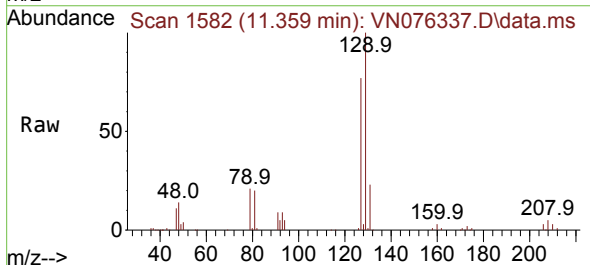
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

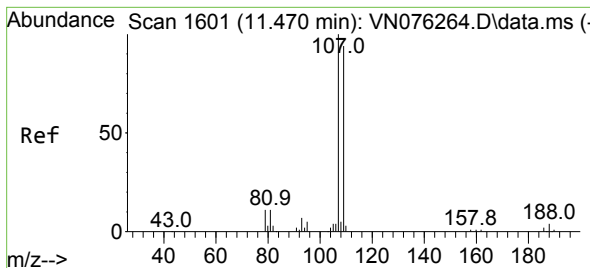
Tgt Ion: 43 Resp: 737760
Ion Ratio Lower Upper
43 100
58 60.4 30.1 90.3



#60
Dibromochloromethane
Concen: 51.908 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VN076337.D
Acq: 20 Jan 2023 10:27

Tgt Ion:129 Resp: 226815
Ion Ratio Lower Upper
129 100
127 77.0 38.7 116.1

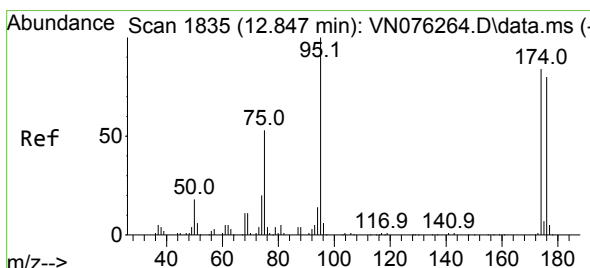
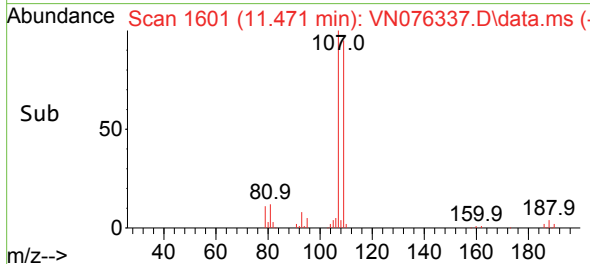
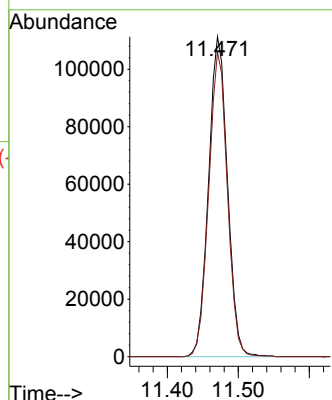
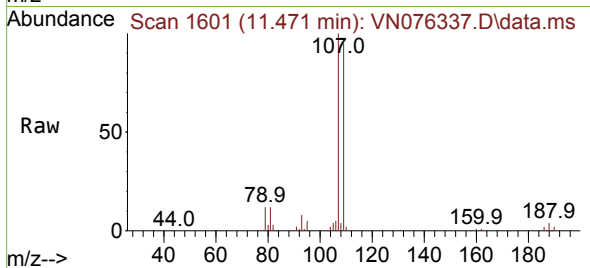




#61
1,2-Dibromoethane
Concen: 49.839 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. 0.001 min
Lab File: VN076337.D
Acq: 20 Jan 2023 10:27

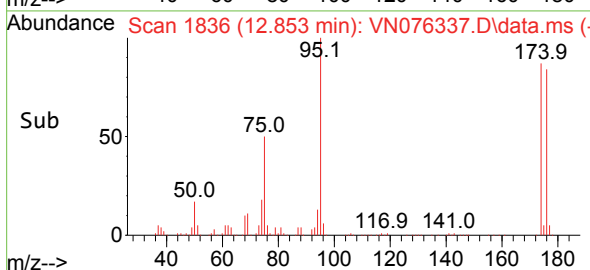
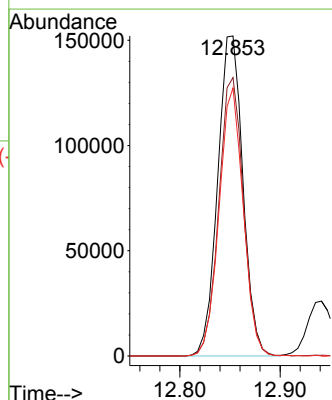
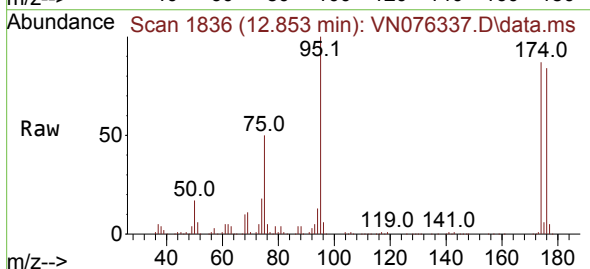
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

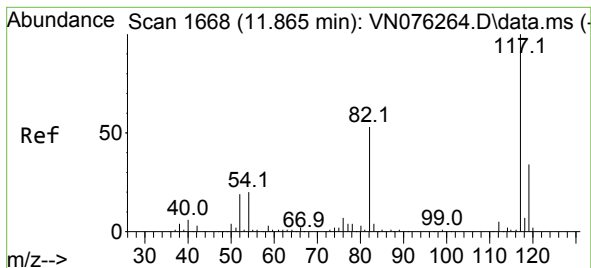
Tgt Ion:107 Resp: 206498
Ion Ratio Lower Upper
107 100
109 93.6 76.0 114.0



#62
4-Bromofluorobenzene
Concen: 57.674 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN076337.D
Acq: 20 Jan 2023 10:27

Tgt Ion: 95 Resp: 265749
Ion Ratio Lower Upper
95 100
174 84.9 0.0 174.6
176 80.2 0.0 167.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN076337.D

Acq: 20 Jan 2023 10:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

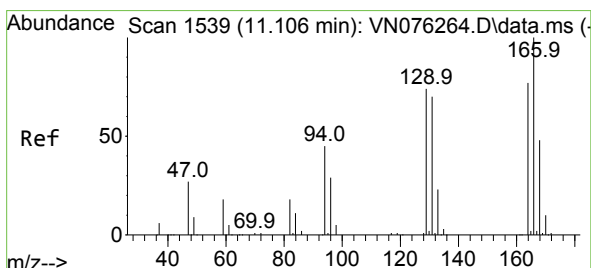
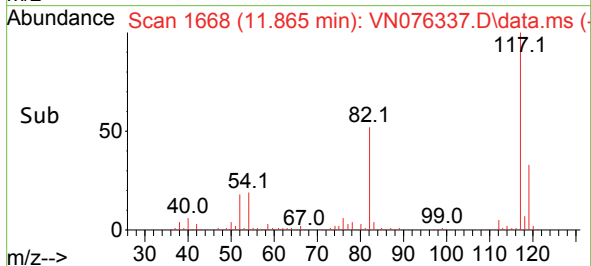
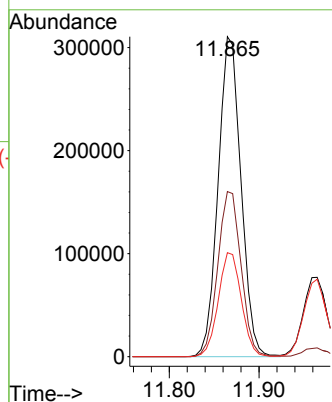
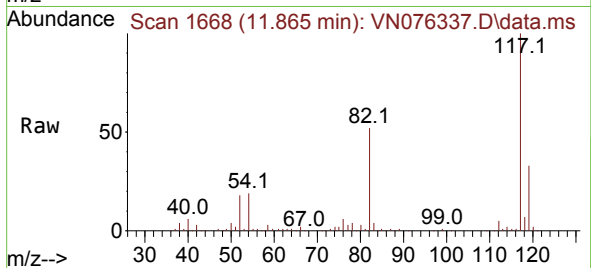
Tgt Ion:117 Resp: 549444

Ion Ratio Lower Upper

117 100

82 51.6 42.2 63.2

119 32.5 26.9 40.3



#64

Tetrachloroethene

Concen: 45.996 ug/l

RT: 11.106 min Scan# 1539

Delta R.T. 0.000 min

Lab File: VN076337.D

Acq: 20 Jan 2023 10:27

Tgt Ion:164 Resp: 227910

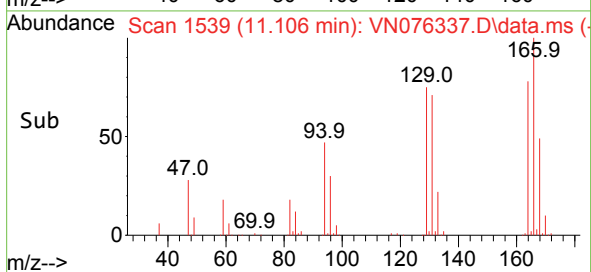
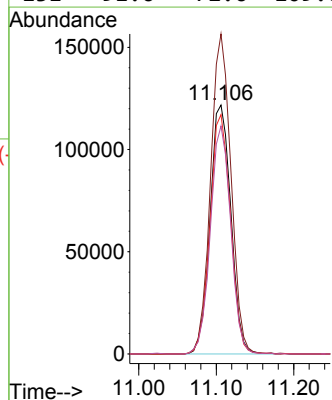
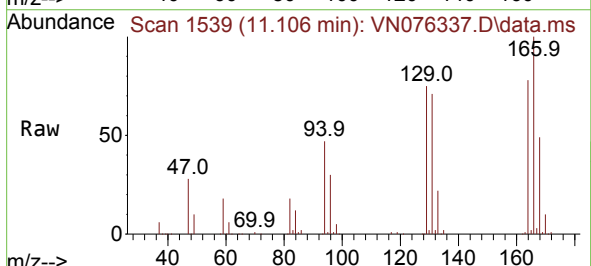
Ion Ratio Lower Upper

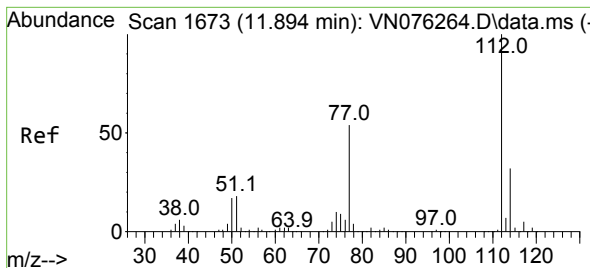
164 100

166 128.5 104.0 156.0

129 96.1 76.6 114.8

131 91.6 72.6 109.0

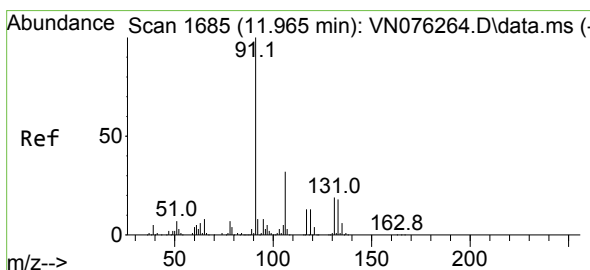
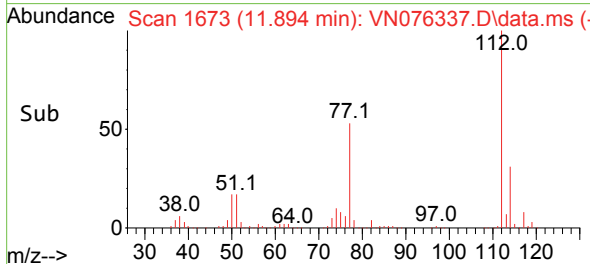
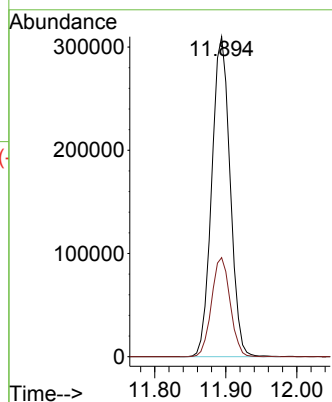
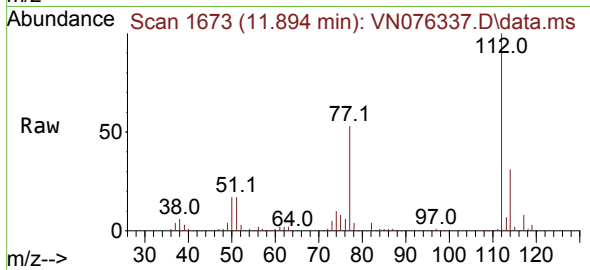




#65
Chlorobenzene
Concen: 47.804 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN076337.D
Acq: 20 Jan 2023 10:27

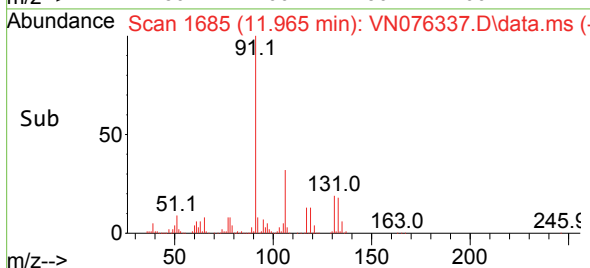
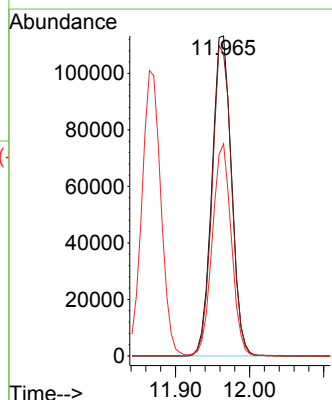
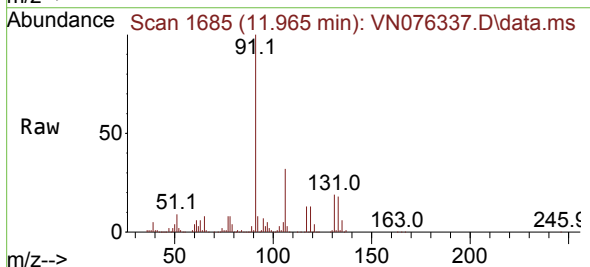
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

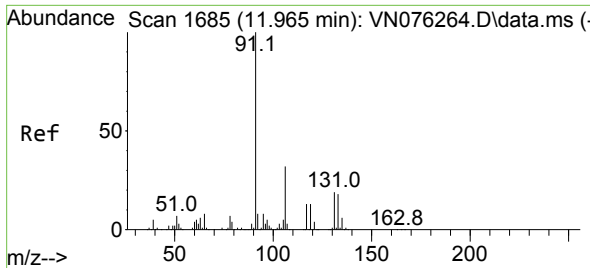
Tgt Ion:112 Resp: 555223
Ion Ratio Lower Upper
112 100
114 31.0 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 48.105 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN076337.D
Acq: 20 Jan 2023 10:27

Tgt Ion:131 Resp: 207880
Ion Ratio Lower Upper
131 100
133 96.3 47.4 142.2
119 64.5 32.3 96.8

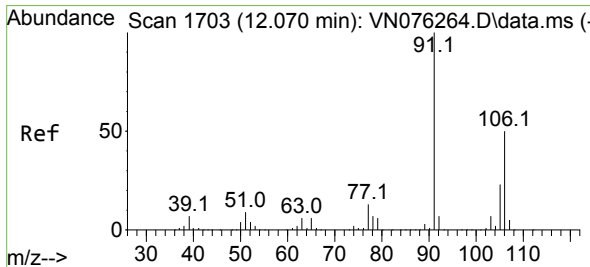
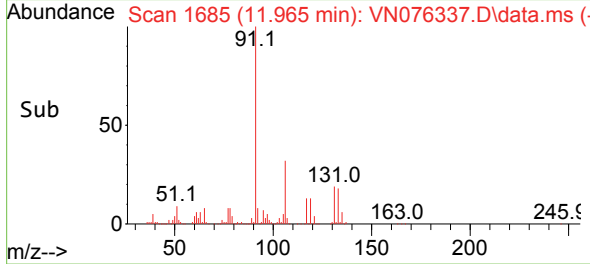
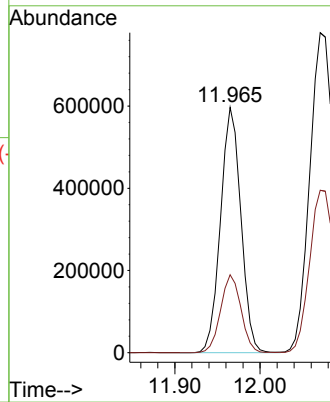
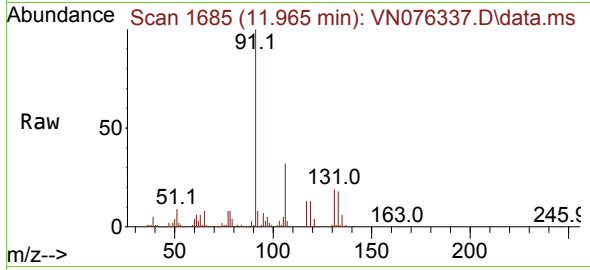




#67
Ethyl Benzene
Concen: 49.899 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN076337.D
Acq: 20 Jan 2023 10:27

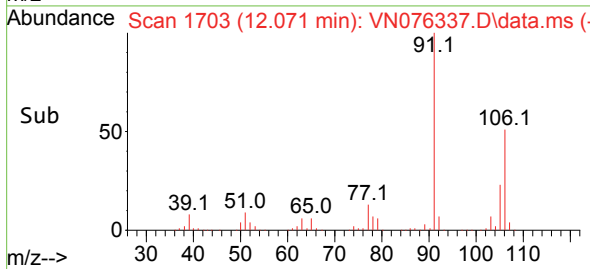
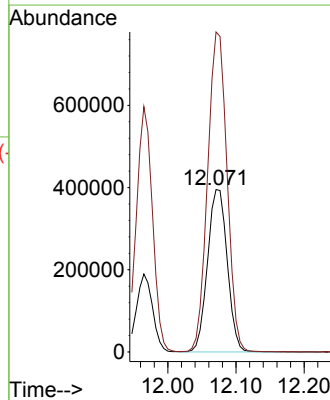
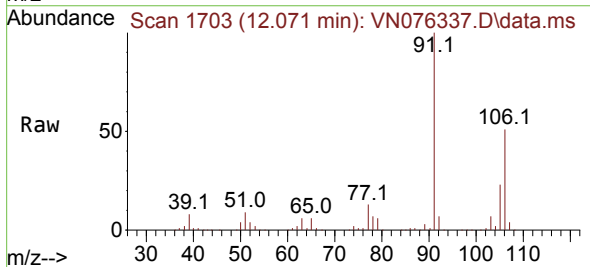
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

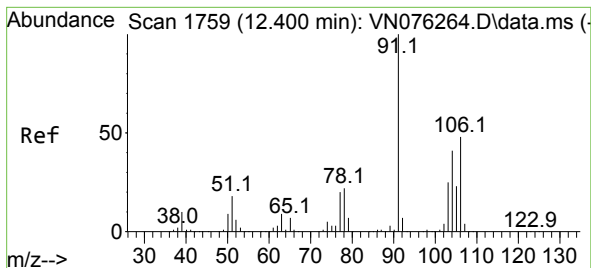
Tgt Ion: 91 Resp: 991891
Ion Ratio Lower Upper
91 100
106 31.8 25.5 38.3



#68
m/p-Xylenes
Concen: 99.752 ug/l
RT: 12.071 min Scan# 1703
Delta R.T. 0.001 min
Lab File: VN076337.D
Acq: 20 Jan 2023 10:27

Tgt Ion: 106 Resp: 795104
Ion Ratio Lower Upper
106 100
91 194.3 157.5 236.3





#69

o-Xylene

Concen: 49.956 ug/l

RT: 12.400 min Scan# 1759

Delta R.T. 0.000 min

Lab File: VN076337.D

Acq: 20 Jan 2023 10:27

Instrument :

MSVOA_N

ClientSampleId :

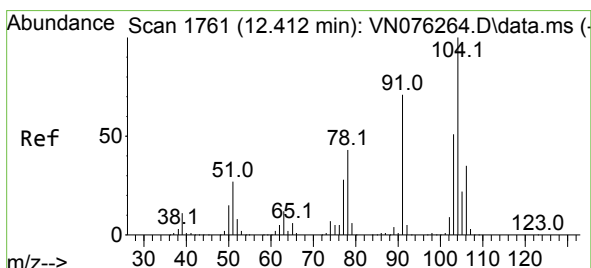
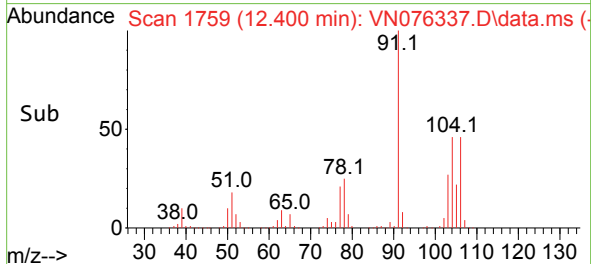
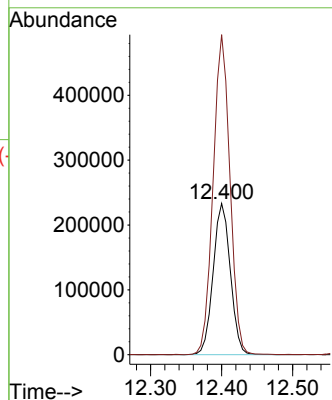
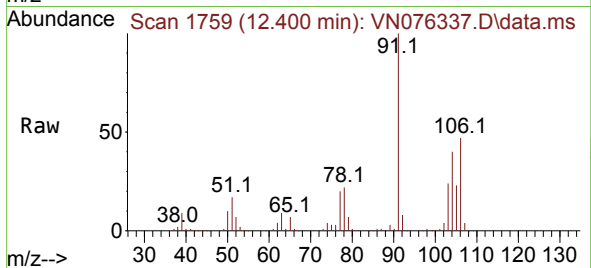
VSTDCCC050

Tgt Ion:106 Resp: 391040

Ion Ratio Lower Upper

106 100

91 207.5 103.2 309.4



#70

Styrene

Concen: 51.671 ug/l

RT: 12.412 min Scan# 1761

Delta R.T. -0.000 min

Lab File: VN076337.D

Acq: 20 Jan 2023 10:27

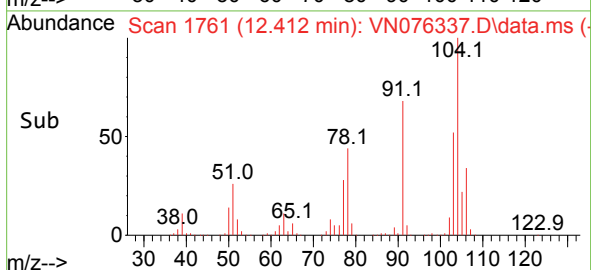
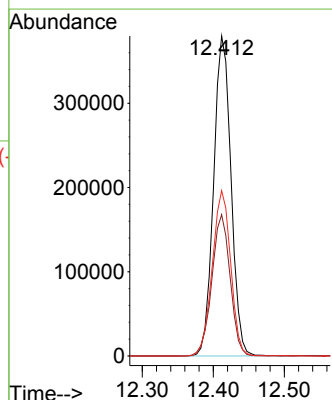
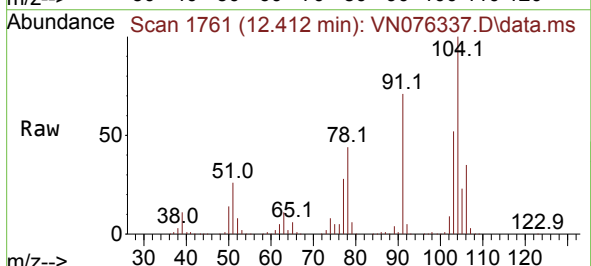
Tgt Ion:104 Resp: 645803

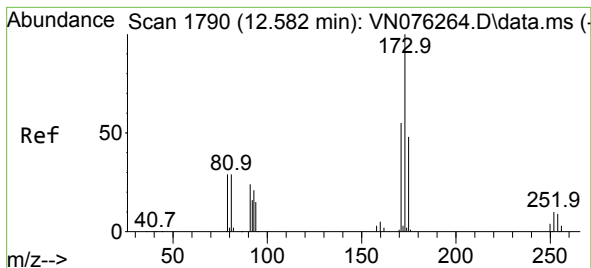
Ion Ratio Lower Upper

104 100

78 46.5 37.4 56.0

103 54.4 44.2 66.2





#71

Bromoform

Concen: 51.617 ug/l

RT: 12.582 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN076337.D

Acq: 20 Jan 2023 10:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

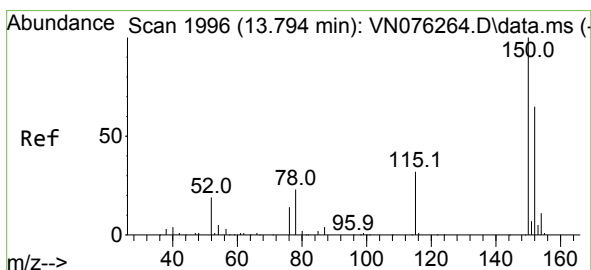
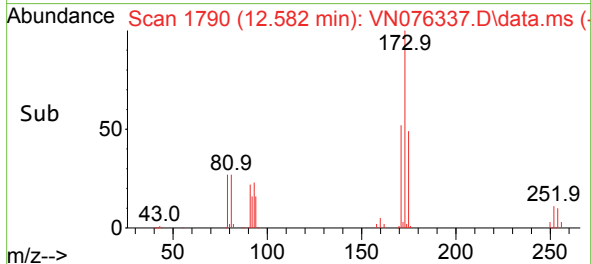
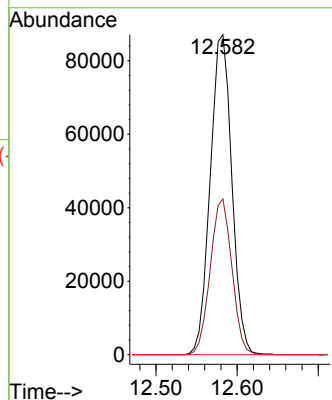
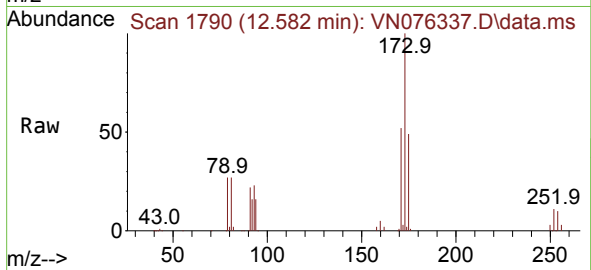
Tgt Ion:173 Resp: 161083

Ion Ratio Lower Upper

173 100

175 48.7 24.1 72.4

254 0.0 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: VN076337.D

Acq: 20 Jan 2023 10:27

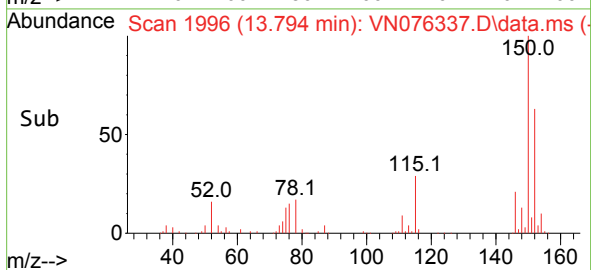
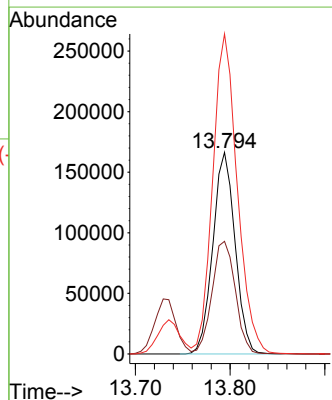
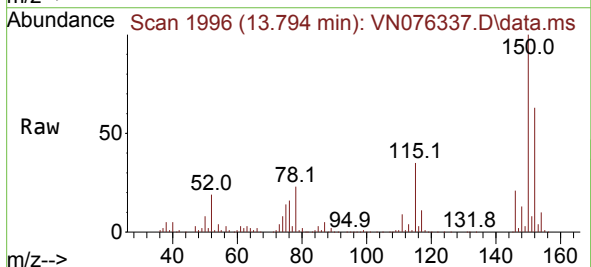
Tgt Ion:152 Resp: 272155

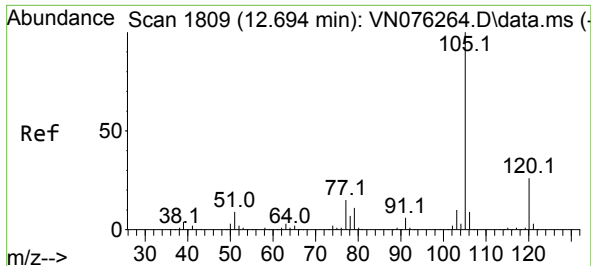
Ion Ratio Lower Upper

152 100

115 58.6 29.6 88.9

150 175.2 0.0 351.4

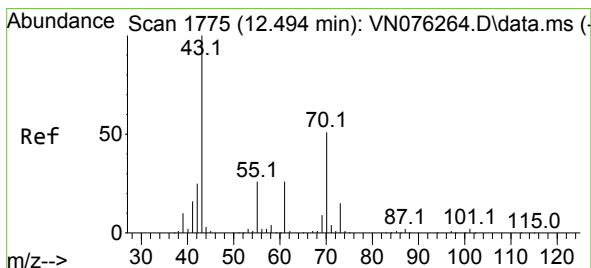
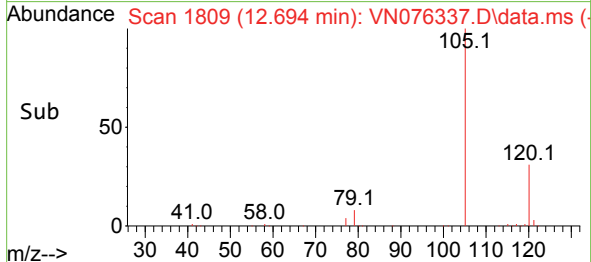
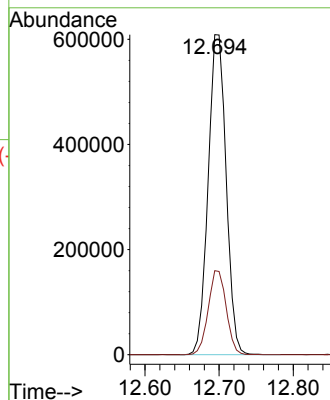
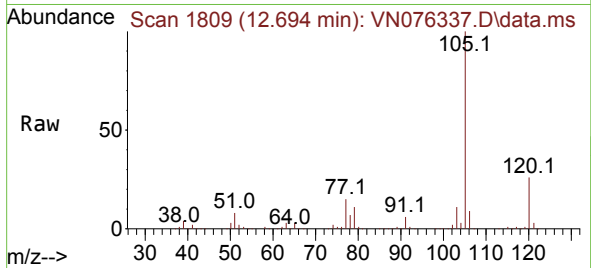




#73
Isopropylbenzene
Concen: 48.725 ug/l
RT: 12.694 min Scan# 1809
Delta R.T. 0.000 min
Lab File: VN076337.D
Acq: 20 Jan 2023 10:27

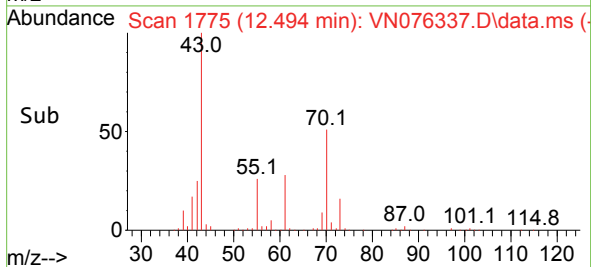
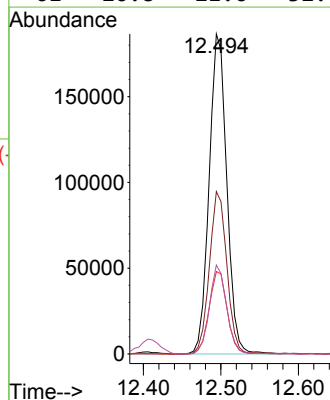
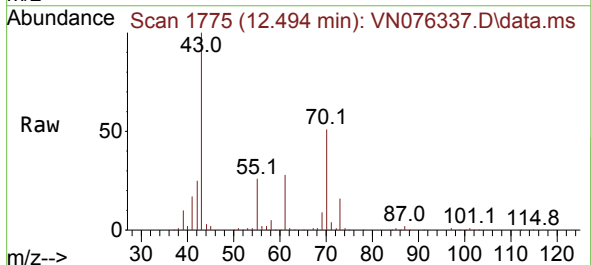
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

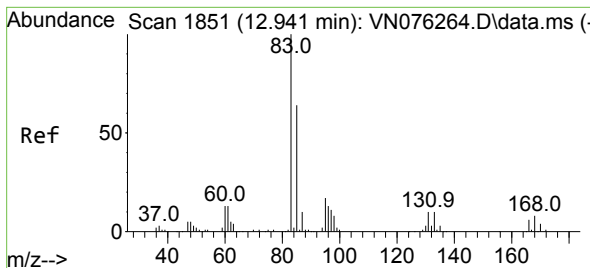
Tgt Ion:105 Resp: 1025853
Ion Ratio Lower Upper
105 100
120 26.3 13.4 40.1



#74
N-ethyl acetate
Concen: 48.647 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN076337.D
Acq: 20 Jan 2023 10:27

Tgt Ion: 43 Resp: 294615
Ion Ratio Lower Upper
43 100
70 50.4 41.2 61.8
55 26.7 21.0 31.6
61 26.8 21.6 32.4





#75

1,1,2,2-Tetrachloroethane

Concen: 44.816 ug/l

RT: 12.941 min Scan# 1851

Delta R.T. 0.000 min

Lab File: VN076337.D

Acq: 20 Jan 2023 10:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

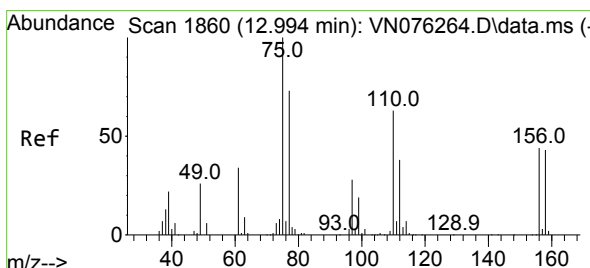
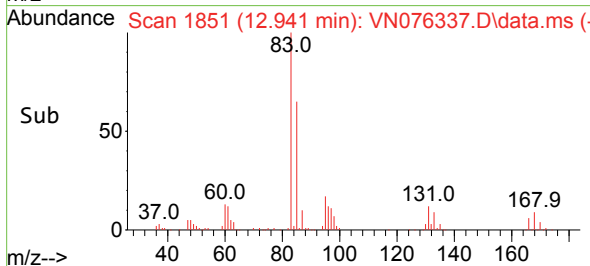
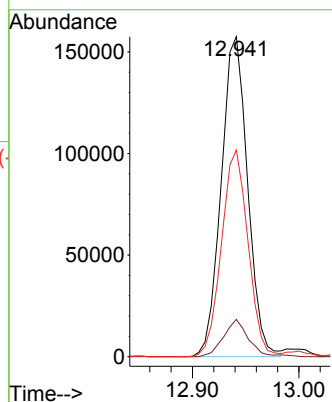
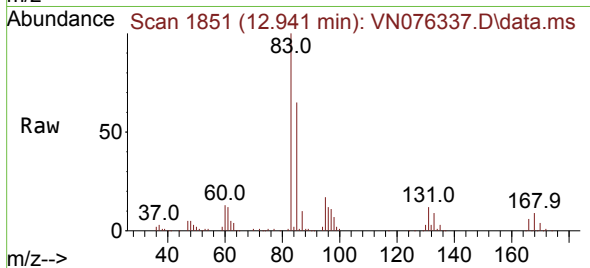
Tgt Ion: 83 Resp: 271246

Ion Ratio Lower Upper

83 100

131 11.1 5.5 16.4

85 64.7 31.7 95.1



#76

1,2,3-Trichloropropane

Concen: 68.612 ug/l

RT: 12.994 min Scan# 1860

Delta R.T. 0.000 min

Lab File: VN076337.D

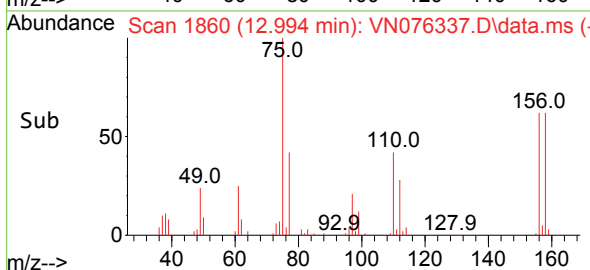
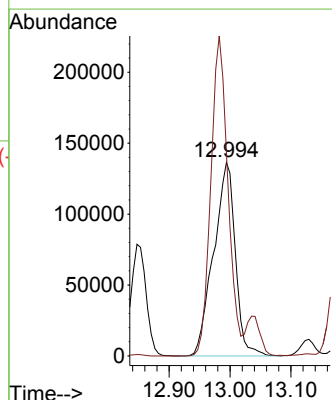
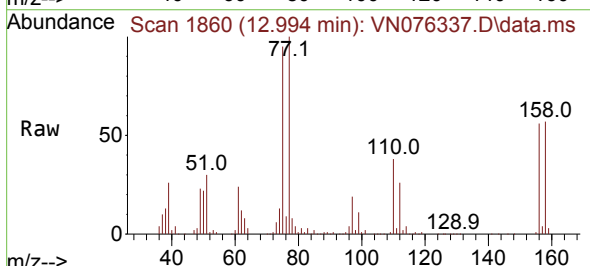
Acq: 20 Jan 2023 10:27

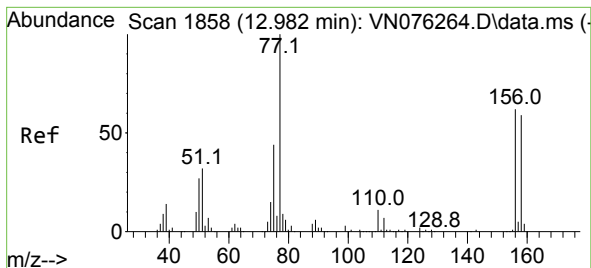
Tgt Ion: 75 Resp: 338427

Ion Ratio Lower Upper

75 100

77 129.6 75.2 225.6





#77

Bromobenzene

Concen: 50.232 ug/l

RT: 12.982 min Scan# 1858

Delta R.T. 0.000 min

Lab File: VN076337.D

Acq: 20 Jan 2023 10:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

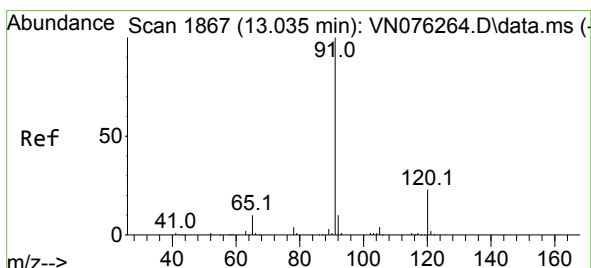
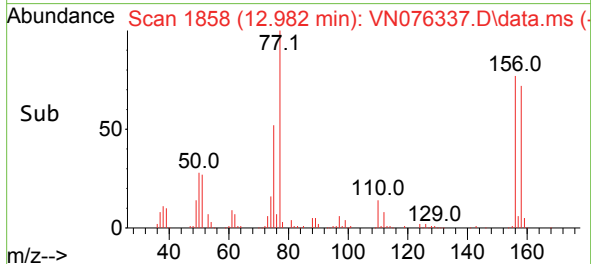
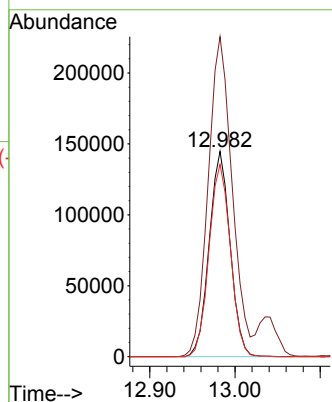
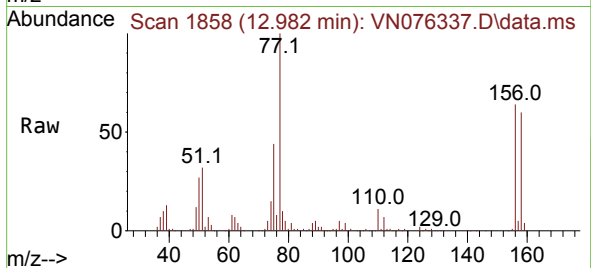
Tgt Ion:156 Resp: 247247

Ion Ratio Lower Upper

156 100

77 177.4 93.4 280.2

158 95.7 48.4 145.2



#78

n-propylbenzene

Concen: 49.545 ug/l

RT: 13.035 min Scan# 1867

Delta R.T. 0.000 min

Lab File: VN076337.D

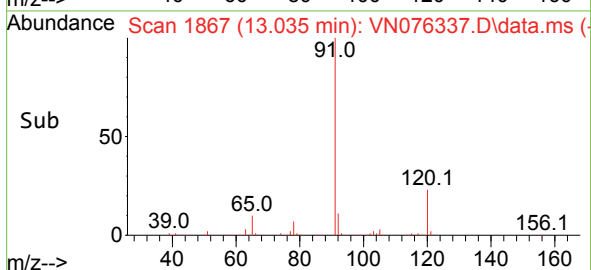
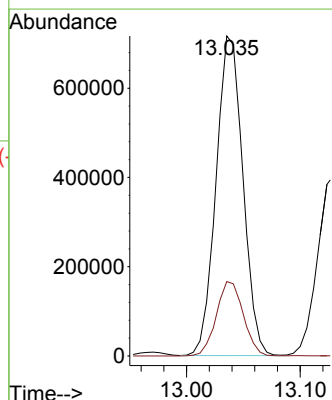
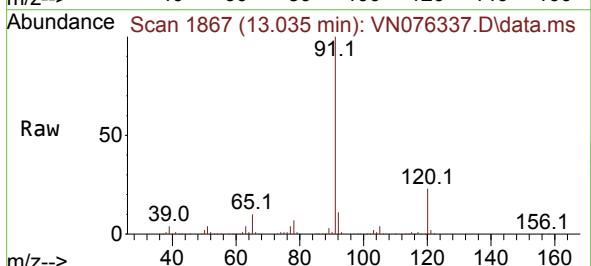
Acq: 20 Jan 2023 10:27

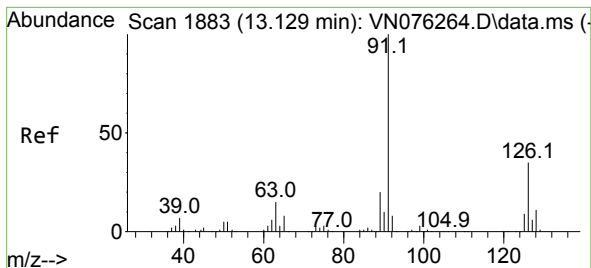
Tgt Ion: 91 Resp: 1176985

Ion Ratio Lower Upper

91 100

120 23.3 11.9 35.5





#79

2-Chlorotoluene

Concen: 47.296 ug/l

RT: 13.129 min Scan# 1883

Delta R.T. 0.000 min

Lab File: VN076337.D

Acq: 20 Jan 2023 10:27

Instrument :

MSVOA_N

ClientSampleId :

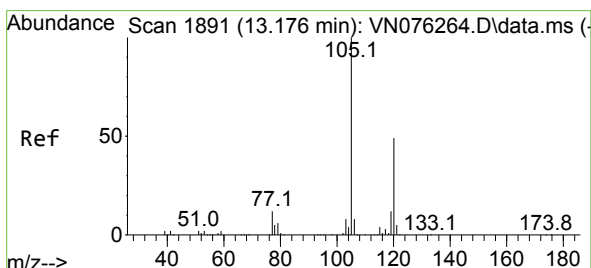
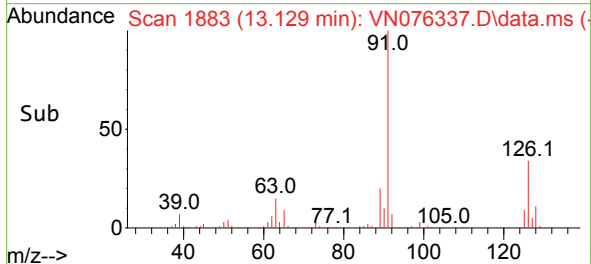
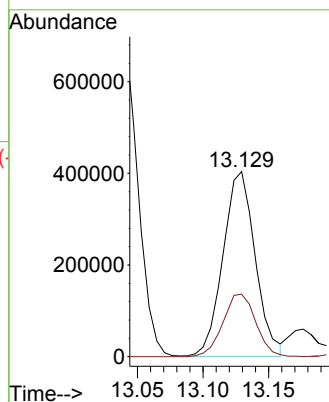
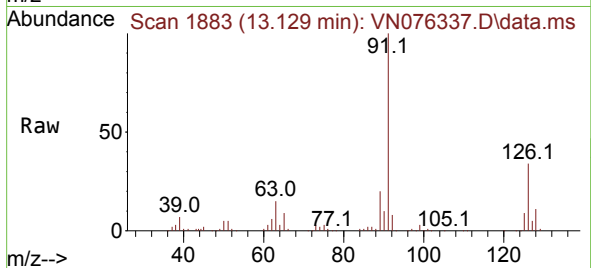
VSTDCCC050

Tgt Ion: 91 Resp: 689468

Ion Ratio Lower Upper

91 100

126 34.5 17.4 52.2



#80

1,3,5-Trimethylbenzene

Concen: 49.967 ug/l

RT: 13.176 min Scan# 1891

Delta R.T. 0.000 min

Lab File: VN076337.D

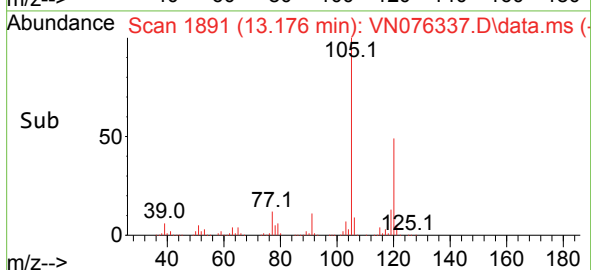
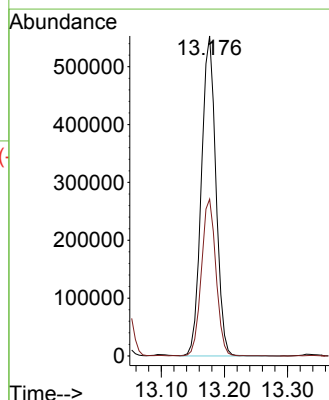
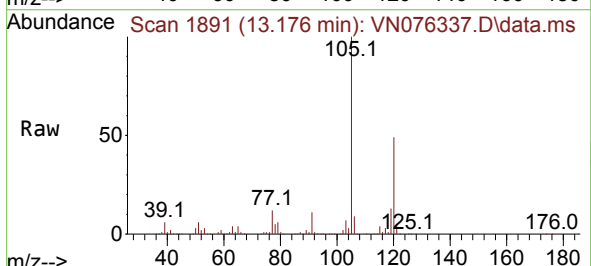
Acq: 20 Jan 2023 10:27

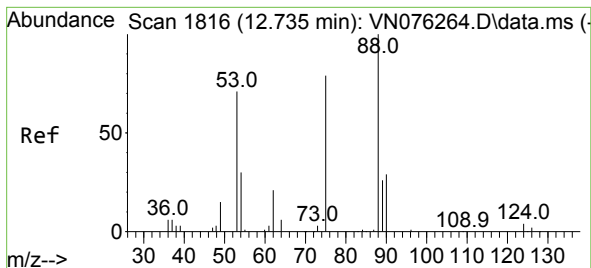
Tgt Ion: 105 Resp: 881318

Ion Ratio Lower Upper

105 100

120 49.0 25.0 75.0

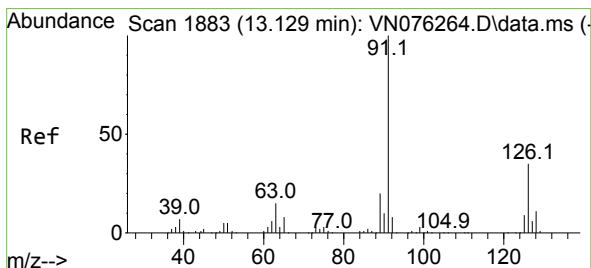
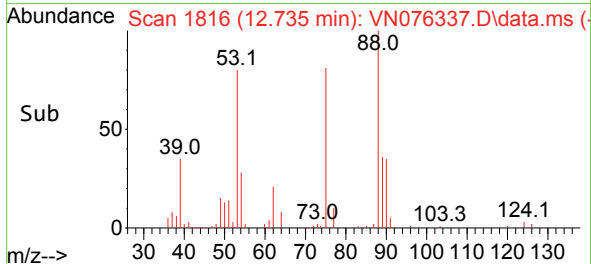
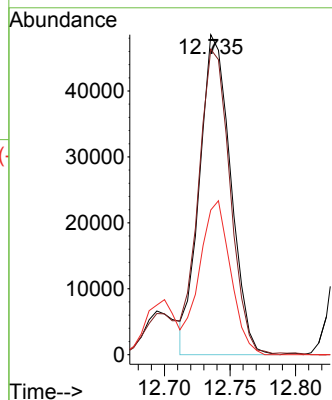
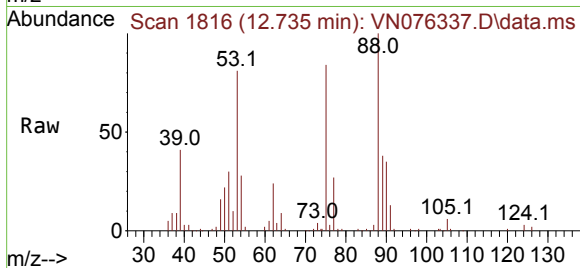




#81
trans-1,4-Dichloro-2-butene
Concen: 48.976 ug/l
RT: 12.735 min Scan# 1816
Delta R.T. 0.000 min
Lab File: VN076337.D
Acq: 20 Jan 2023 10:27

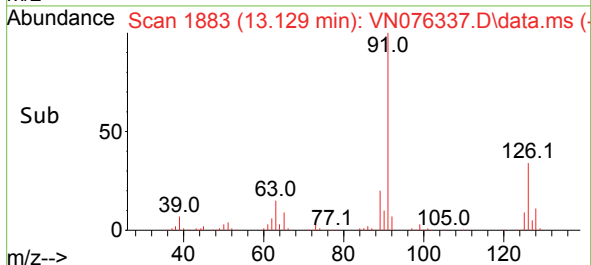
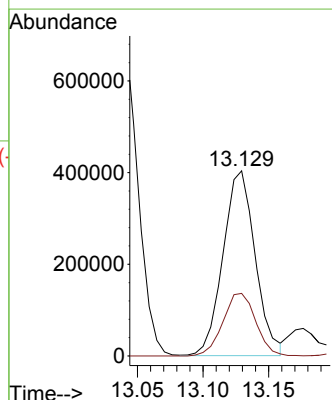
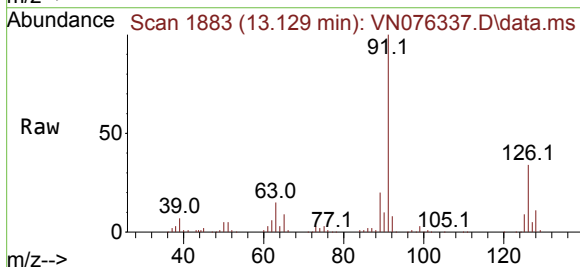
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

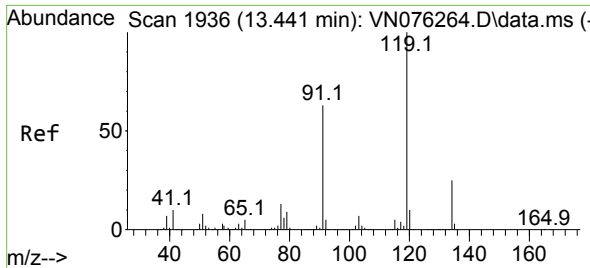
Tgt Ion: 75 Resp: 80111
Ion Ratio Lower Upper
75 100
53 97.1 75.8 113.8
89 48.4 37.0 55.6



#82
4-Chlorotoluene
Concen: 47.296 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN076337.D
Acq: 20 Jan 2023 10:27

Tgt Ion: 91 Resp: 689468
Ion Ratio Lower Upper
91 100
126 34.5 17.4 52.2

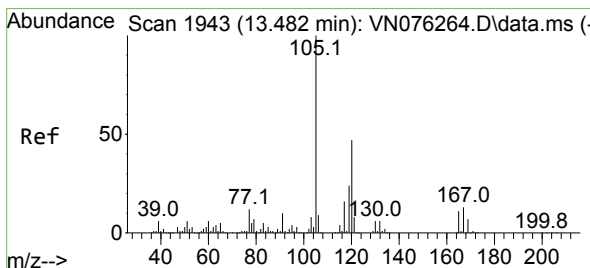
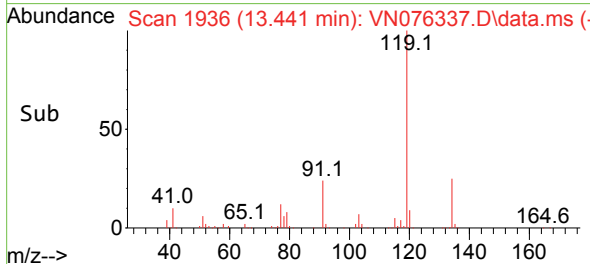
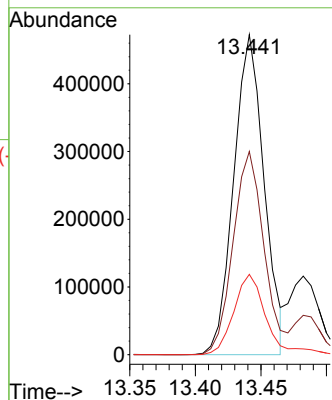
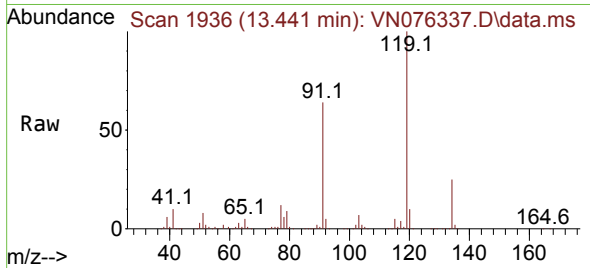




#83
tert-Butylbenzene
Concen: 48.499 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. 0.000 min
Lab File: VN076337.D
Acq: 20 Jan 2023 10:27

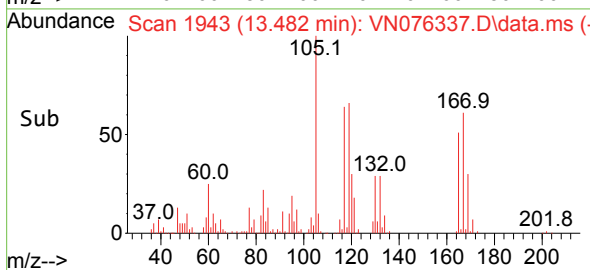
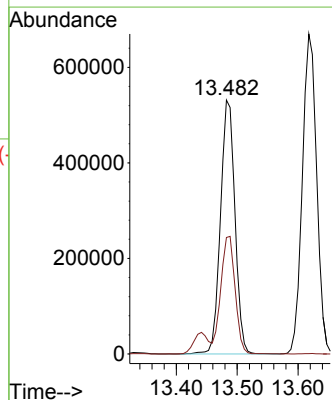
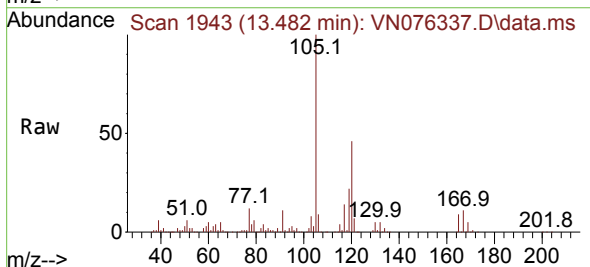
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

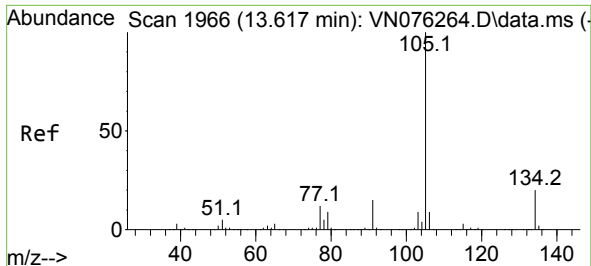
Tgt Ion:119 Resp: 760823
Ion Ratio Lower Upper
119 100
91 65.2 32.2 96.6
134 26.8 13.6 40.8



#84
1,2,4-Trimethylbenzene
Concen: 49.625 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN076337.D
Acq: 20 Jan 2023 10:27

Tgt Ion:105 Resp: 877680
Ion Ratio Lower Upper
105 100
120 45.7 22.9 68.5

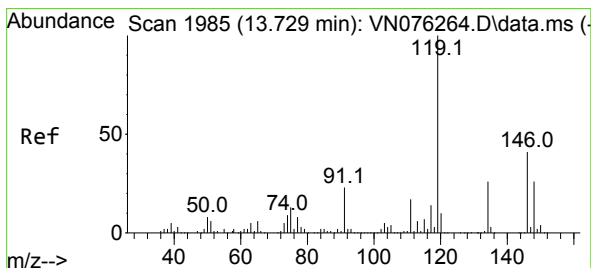
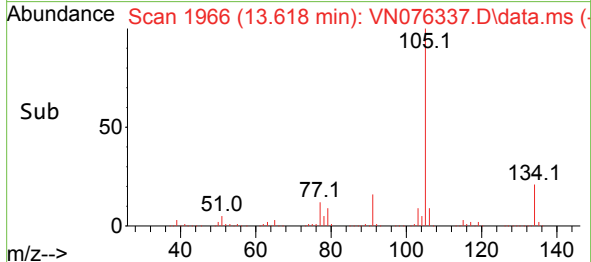
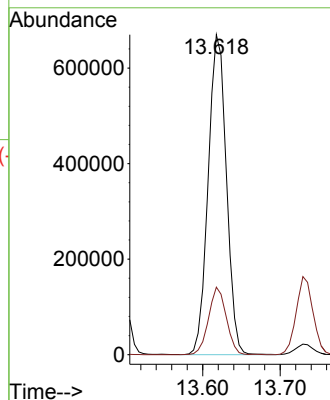
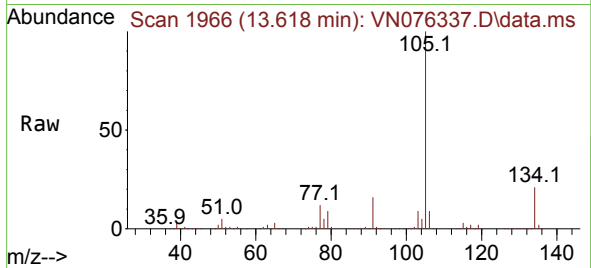




#85
 sec-Butylbenzene
 Concen: 50.287 ug/l
 RT: 13.618 min Scan# 1966
 Delta R.T. 0.001 min
 Lab File: VN076337.D
 Acq: 20 Jan 2023 10:27

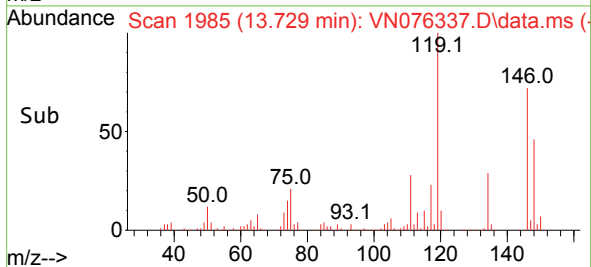
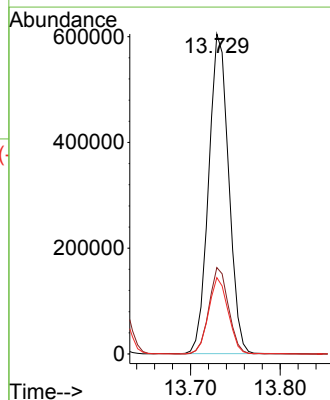
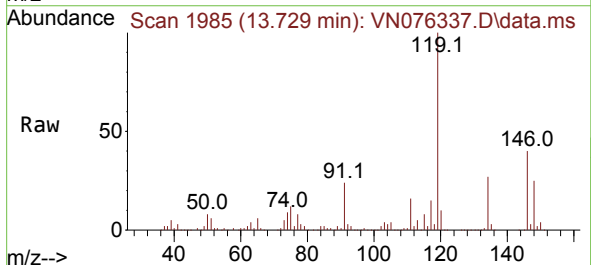
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

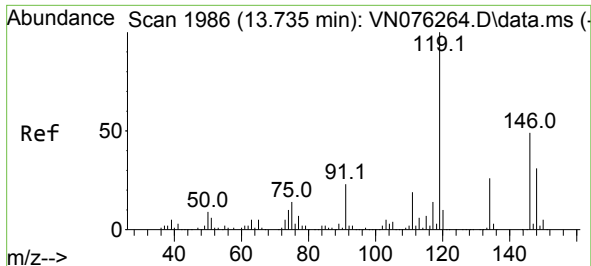
Tgt Ion:105 Resp: 1094637
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 52.363 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. 0.000 min
 Lab File: VN076337.D
 Acq: 20 Jan 2023 10:27

Tgt Ion:119 Resp: 937303
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.2 39.6
 91 23.5 11.8 35.3

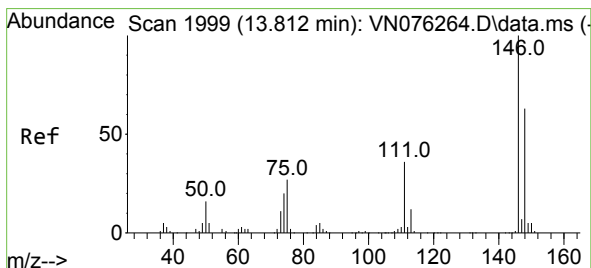
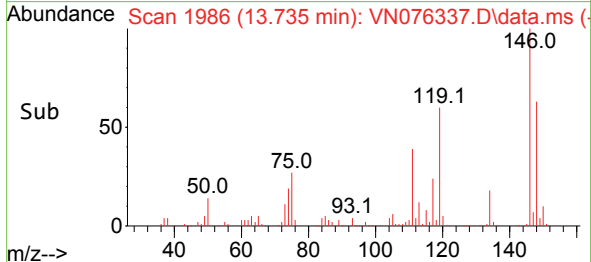
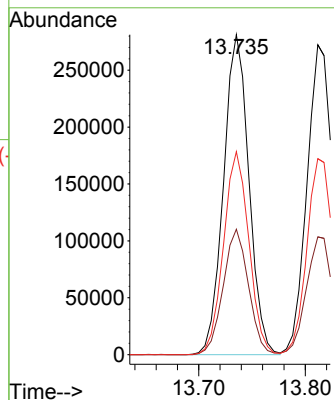
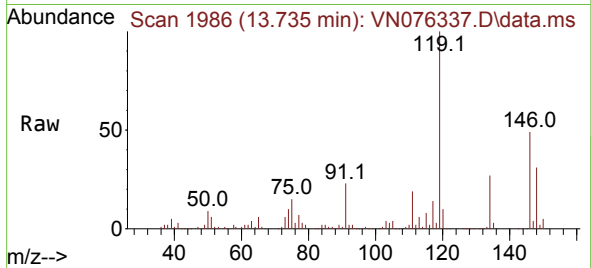




#87
1,3-Dichlorobenzene
Concen: 46.904 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN076337.D
Acq: 20 Jan 2023 10:27

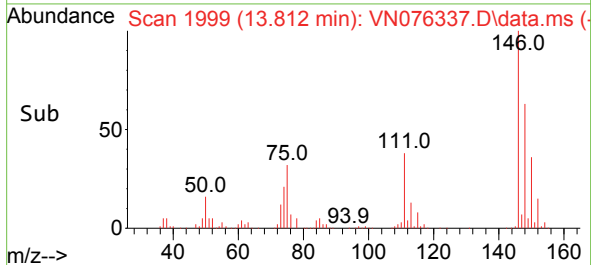
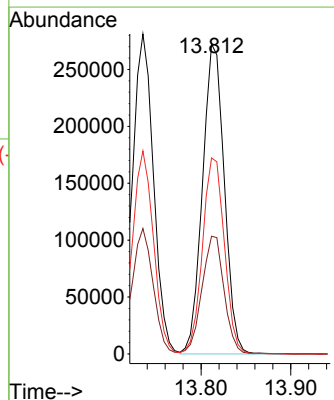
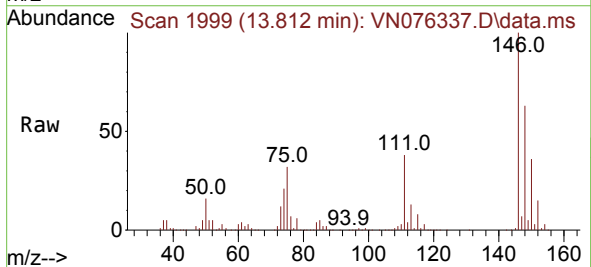
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

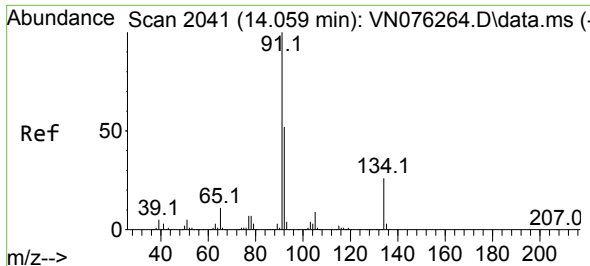
Tgt Ion:146 Resp: 465451
Ion Ratio Lower Upper
146 100
111 39.2 19.9 59.7
148 63.4 31.6 94.8



#88
1,4-Dichlorobenzene
Concen: 48.754 ug/l
RT: 13.812 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VN076337.D
Acq: 20 Jan 2023 10:27

Tgt Ion:146 Resp: 460202
Ion Ratio Lower Upper
146 100
111 38.7 19.1 57.5
148 63.8 31.9 95.9

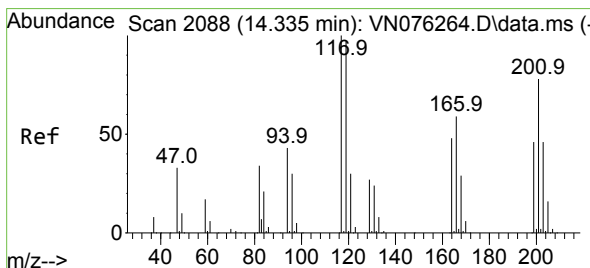
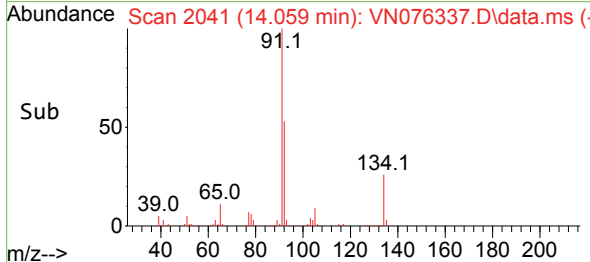
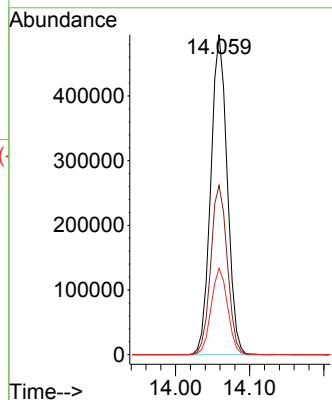
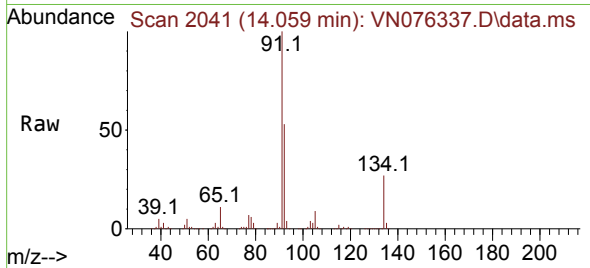




#89
n-Butylbenzene
Concen: 53.612 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN076337.D
Acq: 20 Jan 2023 10:27

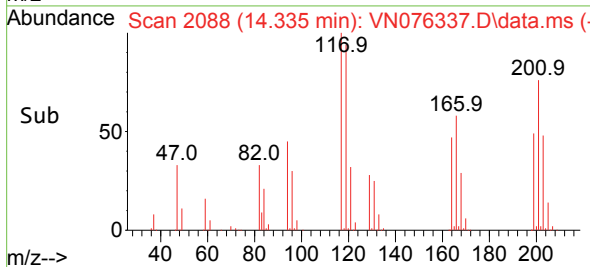
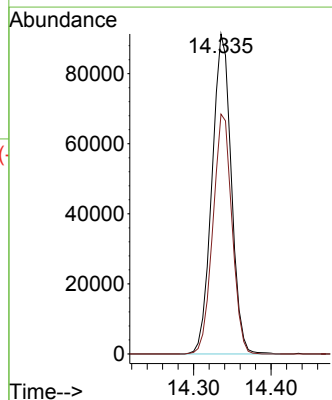
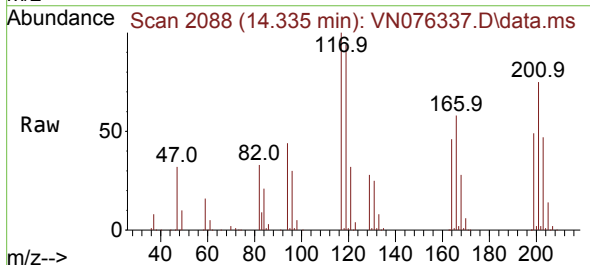
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

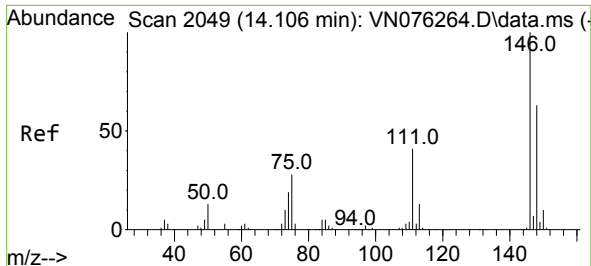
Tgt Ion: 91 Resp: 761799
Ion Ratio Lower Upper
91 100
92 53.3 26.3 78.9
134 27.1 13.2 39.5



#90
Hexachloroethane
Concen: 51.203 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN076337.D
Acq: 20 Jan 2023 10:27

Tgt Ion: 117 Resp: 158186
Ion Ratio Lower Upper
117 100
201 73.9 37.3 111.9

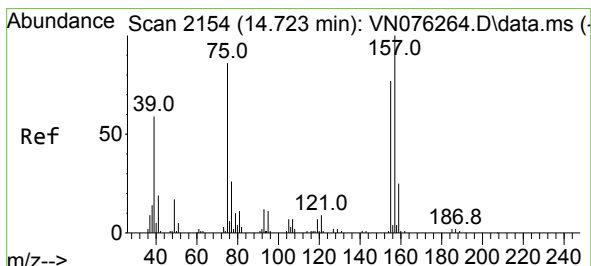
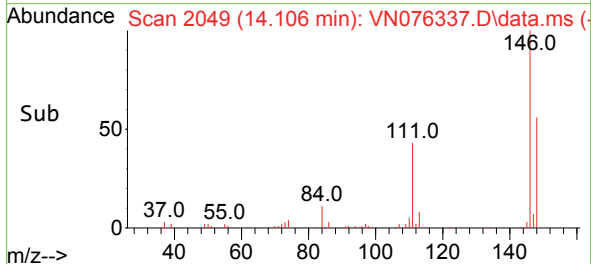
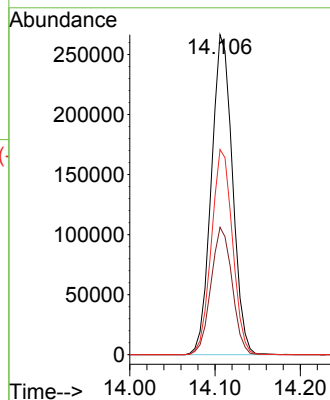
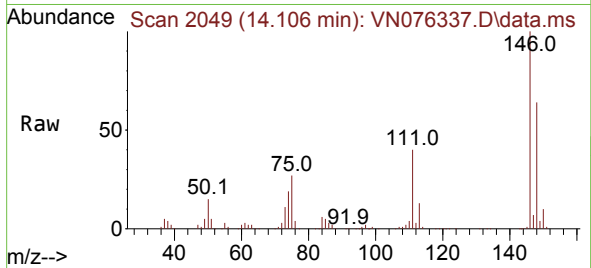




#91
1,2-Dichlorobenzene
Concen: 46.442 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. -0.000 min
Lab File: VN076337.D
Acq: 20 Jan 2023 10:27

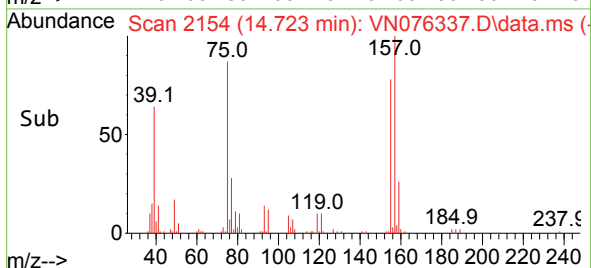
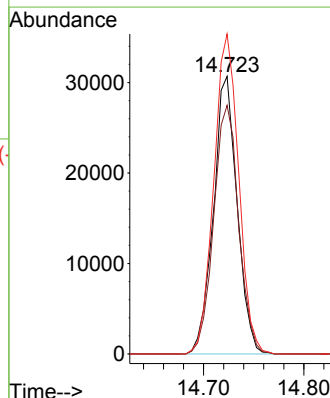
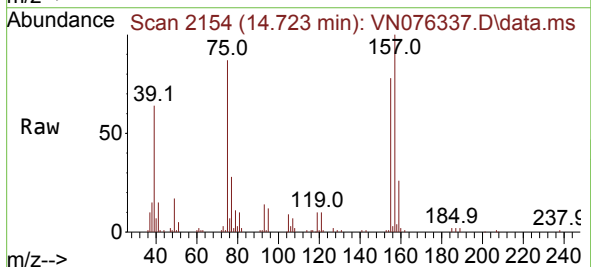
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

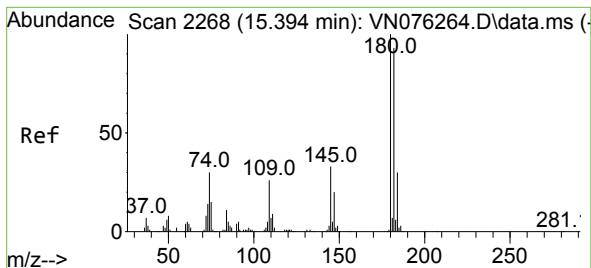
Tgt Ion:146 Resp: 459019
Ion Ratio Lower Upper
146 100
111 39.8 20.3 60.8
148 64.1 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 47.951 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. 0.000 min
Lab File: VN076337.D
Acq: 20 Jan 2023 10:27

Tgt Ion: 75 Resp: 50448
Ion Ratio Lower Upper
75 100
155 94.0 45.0 135.0
157 120.6 58.3 174.9





#93

1,2,4-Trichlorobenzene

Concen: 48.389 ug/l

RT: 15.394 min Scan# 2268

Delta R.T. -0.000 min

Lab File: VN076337.D

Acq: 20 Jan 2023 10:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

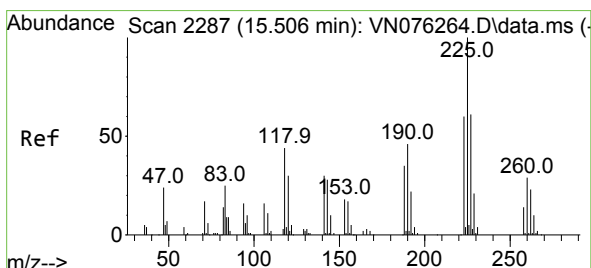
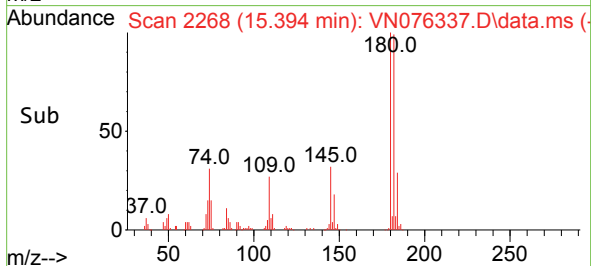
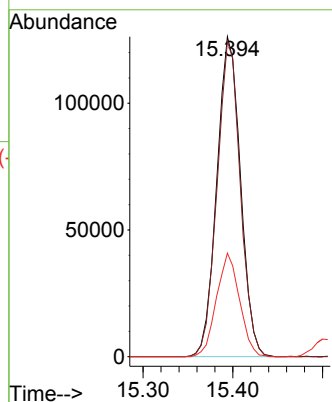
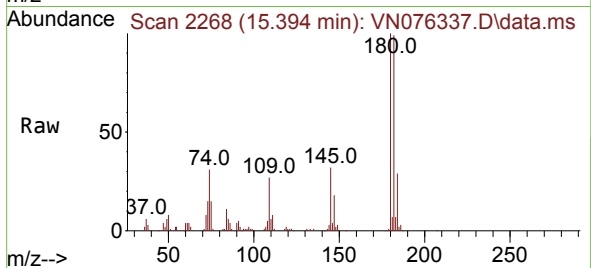
Tgt Ion:180 Resp: 230887

Ion Ratio Lower Upper

180 100

182 96.6 47.0 141.2

145 31.5 15.2 45.5



#94

Hexachlorobutadiene

Concen: 47.024 ug/l

RT: 15.506 min Scan# 2287

Delta R.T. -0.000 min

Lab File: VN076337.D

Acq: 20 Jan 2023 10:27

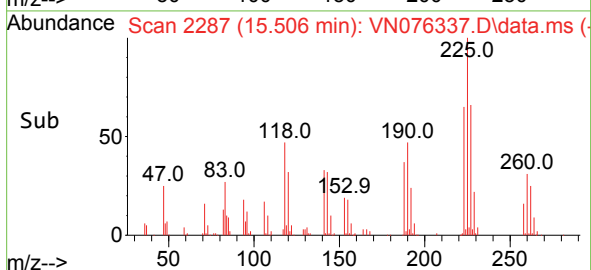
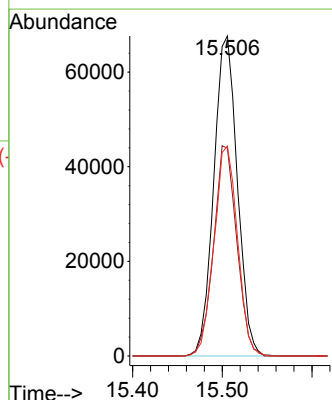
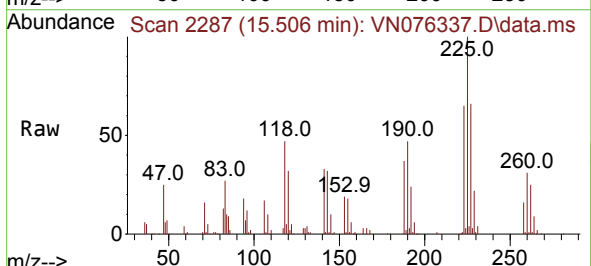
Tgt Ion:225 Resp: 123336

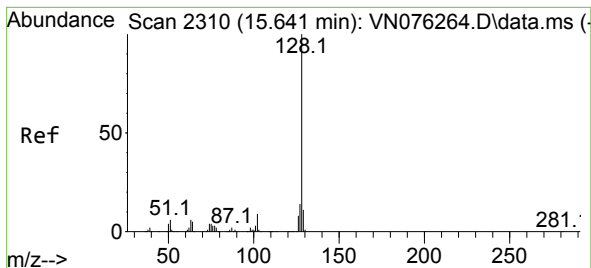
Ion Ratio Lower Upper

225 100

223 64.7 30.8 92.3

227 65.4 30.9 92.8





#95

Naphthalene

Concen: 46.380 ug/l

RT: 15.647 min Scan# 2311

Delta R.T. 0.006 min

Lab File: VN076337.D

Acq: 20 Jan 2023 10:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

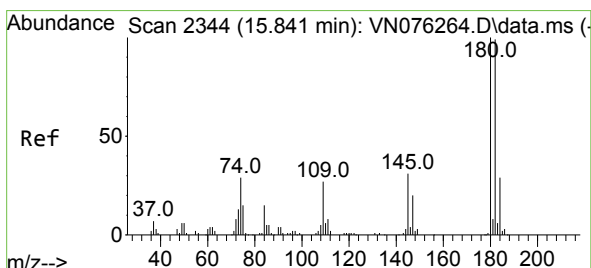
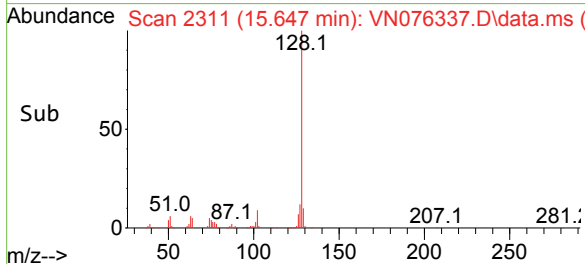
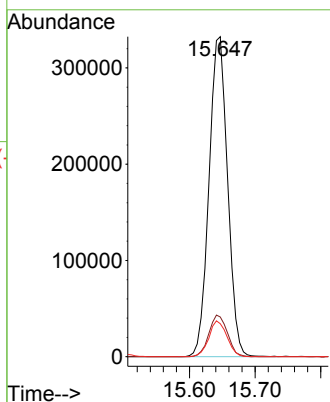
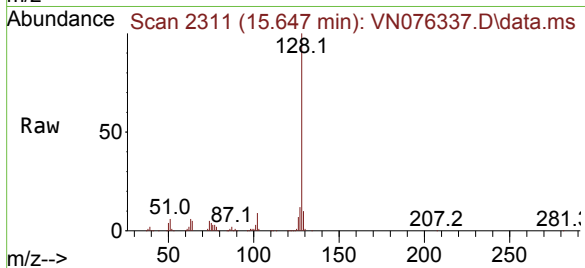
Tgt Ion:128 Resp: 653881

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 48.242 ug/l

RT: 15.841 min Scan# 2344

Delta R.T. -0.000 min

Lab File: VN076337.D

Acq: 20 Jan 2023 10:27

Tgt Ion:180 Resp: 219421

Ion Ratio Lower Upper

180 100

182 97.4 47.5 142.5

145 32.6 15.9 47.6

