

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011923\
 Data File : VN076310.D
 Acq On : 19 Jan 2023 09:47
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Jan 20 00:49:14 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	392630	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	628865	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	562362	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	279095	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	213603	48.588	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.180%
35) Dibromofluoromethane	8.171	113	191137	48.588	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.180%
50) Toluene-d8	10.571	98	715023	49.217	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.440%
62) 4-Bromofluorobenzene	12.853	95	248878	52.476	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.960%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	184943	45.966	ug/l	97
3) Chloromethane	2.371	50	182312	43.764	ug/l	98
4) Vinyl Chloride	2.530	62	228511	44.735	ug/l	96
5) Bromomethane	2.948	94	202581	48.429	ug/l	98
6) Chloroethane	3.118	64	176331	46.036	ug/l	99
7) Trichlorofluoromethane	3.506	101	340146	48.402	ug/l	96
8) Diethyl Ether	3.971	74	114781	48.696	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.383	101	182627	45.906	ug/l	99
10) Methyl Iodide	4.600	142	291505	47.971	ug/l	99
11) Tert butyl alcohol	5.536	59	131076	222.910	ug/l	99
12) 1,1-Dichloroethene	4.353	96	173881	46.237	ug/l	97
13) Acrolein	4.189	56	154205	219.284	ug/l	99
14) Allyl chloride	5.036	41	202499	46.206	ug/l	98
15) Acrylonitrile	5.736	53	368261	220.077	ug/l	98
16) Acetone	4.442	43	330563	234.555	ug/l	100
17) Carbon Disulfide	4.724	76	399505	42.665	ug/l	99
18) Methyl Acetate	5.036	43	202159	42.327	ug/l	98
19) Methyl tert-butyl Ether	5.806	73	595556	48.645	ug/l	96
20) Methylene Chloride	5.289	84	198087	47.471	ug/l	98
21) trans-1,2-Dichloroethene	5.794	96	185869	45.622	ug/l	99
22) Diisopropyl ether	6.683	45	498933	48.276	ug/l	97
23) Vinyl Acetate	6.612	43	1596379	238.998	ug/l	98
24) 1,1-Dichloroethane	6.577	63	319243	46.340	ug/l	97
25) 2-Butanone	7.488	43	476309	221.290	ug/l	98
26) 2,2-Dichloropropane	7.500	77	280077	48.237	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	222299	46.783	ug/l	100
28) Bromochloromethane	7.818	49	136502	48.885	ug/l	98
29) Tetrahydrofuran	7.847	42	299798	225.677	ug/l	100
30) Chloroform	7.971	83	360053	47.234	ug/l	97
31) Cyclohexane	8.265	56	280918	41.597	ug/l	92
32) 1,1,1-Trichloroethane	8.177	97	326569	46.924	ug/l	95
36) 1,1-Dichloropropene	8.377	75	259681	46.456	ug/l	99
37) Ethyl Acetate	7.565	43	195163	43.533	ug/l	97
38) Carbon Tetrachloride	8.371	117	290120	46.542	ug/l	100
39) Methylcyclohexane	9.606	83	336271	49.262	ug/l	99
40) Benzene	8.612	78	781620	46.763	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	106858	45.518	ug/l	96
42) 1,2-Dichloroethane	8.677	62	262052	45.823	ug/l	99
43) Isopropyl Acetate	8.694	43	339844	46.593	ug/l	99
44) Trichloroethene	9.353	130	220833	46.713	ug/l	99
45) 1,2-Dichloropropane	9.624	63	188166	47.020	ug/l	98
46) Dibromomethane	9.712	93	141940	46.978	ug/l	100
47) Bromodichloromethane	9.888	83	281458	48.030	ug/l	99
48) Methyl methacrylate	9.682	41	158509	45.904	ug/l	100
49) 1,4-Dioxane	9.700	88	71243	977.790	ug/l	98
51) 4-Methyl-2-Pentanone	10.447	43	982704	229.508	ug/l	100
52) Toluene	10.629	92	515260	46.098	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	287723	51.505	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	314987	49.011	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	200131	46.842	ug/l	97
56) Ethyl methacrylate	10.876	69	280201	50.799	ug/l	98
57) 1,3-Dichloropropane	11.165	76	323044	46.527	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	463632	248.981	ug/l	99
59) 2-Hexanone	11.200	43	717462	231.229	ug/l	99
60) Dibromochloromethane	11.365	129	229610	51.052	ug/l	98
61) 1,2-Dibromoethane	11.471	107	206789	48.489	ug/l	98
64) Tetrachloroethene	11.106	164	232220	45.790	ug/l	98
65) Chlorobenzene	11.894	112	560996	47.192	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	212360	48.013	ug/l	99
67) Ethyl Benzene	11.965	91	999644	49.134	ug/l	100
68) m/p-Xylenes	12.071	106	809982	99.284	ug/l	98
69) o-Xylene	12.400	106	394766	49.274	ug/l	100
70) Styrene	12.412	104	647773	50.638	ug/l	99
71) Bromoform	12.582	173	161924	50.694	ug/l #	100
73) Isopropylbenzene	12.700	105	1034132	47.897	ug/l	99
74) N-amyl acetate	12.500	43	290810	46.825	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	270743	43.621	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	334639	66.122	ug/l	86
77) Bromobenzene	12.982	156	247058	48.931	ug/l	97
78) n-propylbenzene	13.041	91	1168814	47.977	ug/l	100
79) 2-Chlorotoluene	13.129	91	685095	45.828	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	875503	48.403	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	78565	46.837	ug/l	98
82) 4-Chlorotoluene	13.129	91	685095	45.828	ug/l	100
83) tert-Butylbenzene	13.441	119	792583	49.267	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	877139	48.361	ug/l	100
85) sec-Butylbenzene	13.617	105	1088913	48.780	ug/l	99
86) p-Isopropyltoluene	13.729	119	933707	50.865	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	463238	45.521	ug/l	99
88) 1,4-Dichlorobenzene	13.817	146	462264	47.757	ug/l	100
89) n-Butylbenzene	14.059	91	761530	52.260	ug/l	99
90) Hexachloroethane	14.335	117	155289	49.015	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	460310	45.415	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	49244	45.643	ug/l	95
93) 1,2,4-Trichlorobenzene	15.394	180	236731	48.380	ug/l	100
94) Hexachlorobutadiene	15.506	225	124388	46.246	ug/l	98
95) Naphthalene	15.641	128	644839	44.672	ug/l	100
96) 1,2,3-Trichlorobenzene	15.847	180	219895	47.170	ug/l	98

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ClientSampleId :
VSTDCCC050

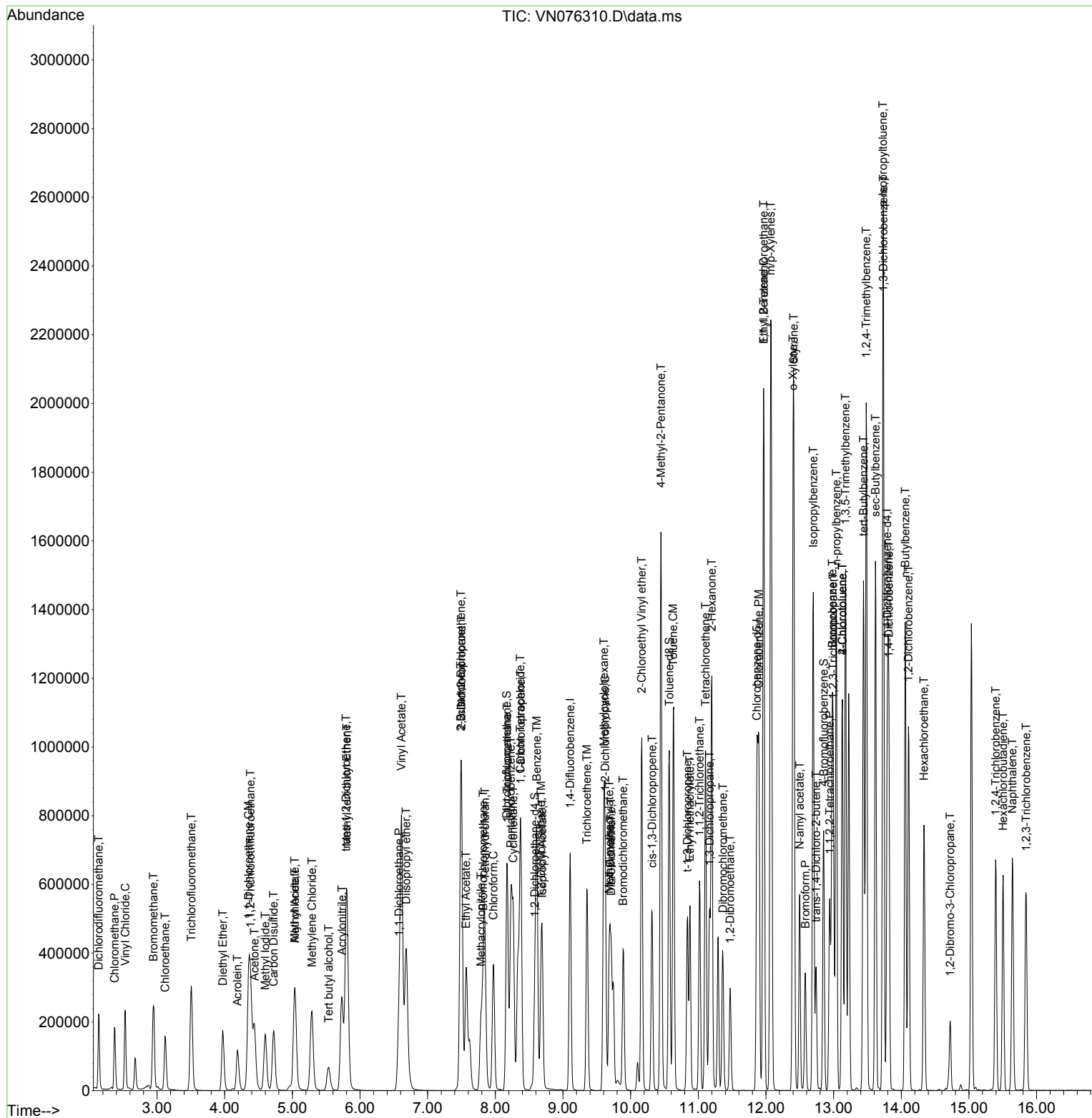
Quant Time: Jan 20 00:49:14 2023
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Quant Title : SW846 8260
QLast Update : Tue Jan 17 03:59:22 2023
Response via : Initial Calibration

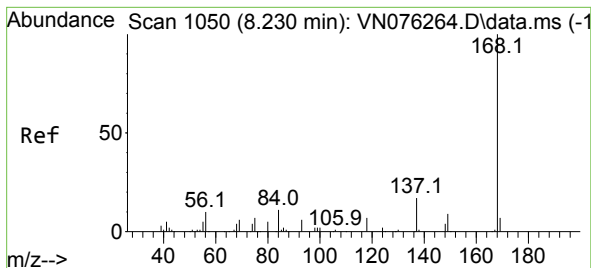
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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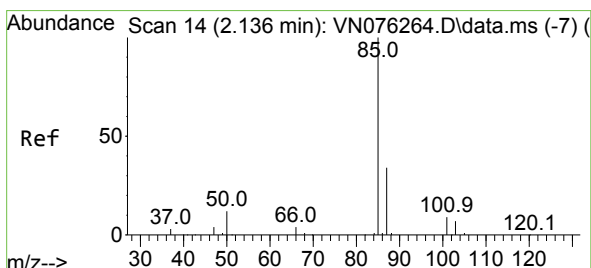
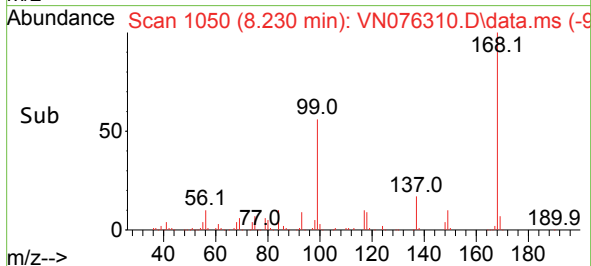
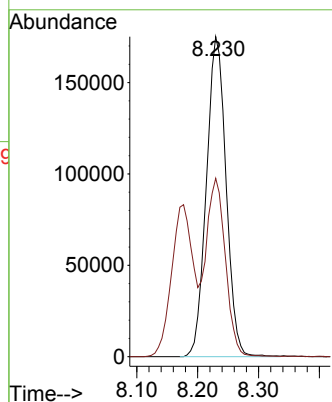
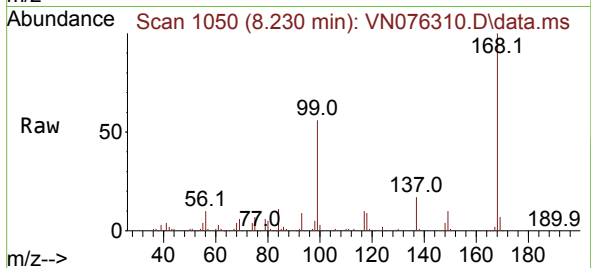




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
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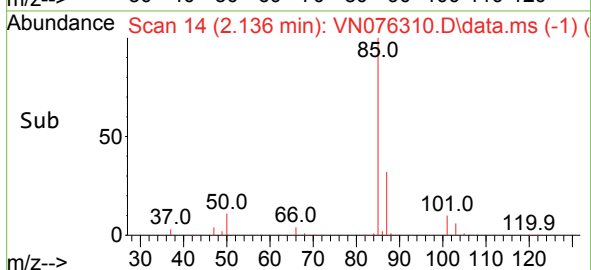
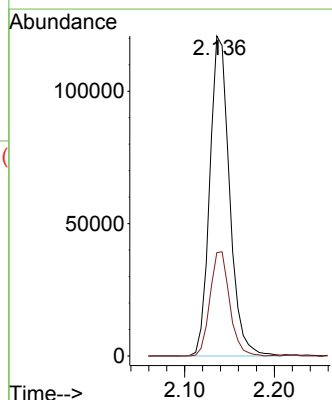
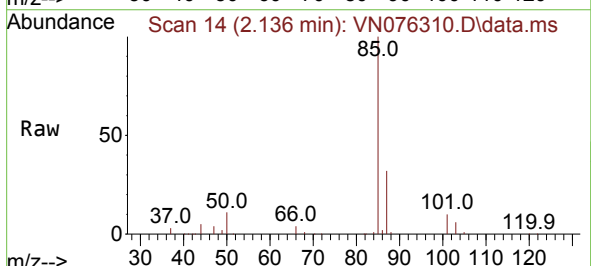
Instrument :
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ClientSampleId :
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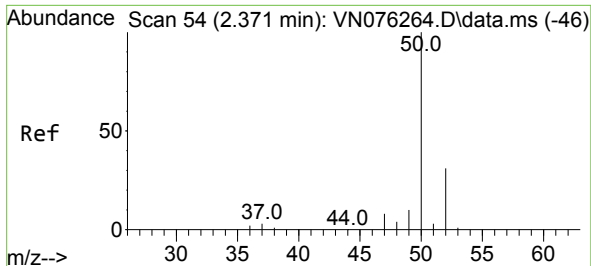
Tgt Ion:168 Resp: 392630
Ion Ratio Lower Upper
168 100
99 55.7 41.6 62.4



#2
Dichlorodifluoromethane
Concen: 45.966 ug/l
RT: 2.136 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN076310.D
Acq: 19 Jan 2023 09:47

Tgt Ion: 85 Resp: 184943
Ion Ratio Lower Upper
85 100
87 32.3 17.1 51.2

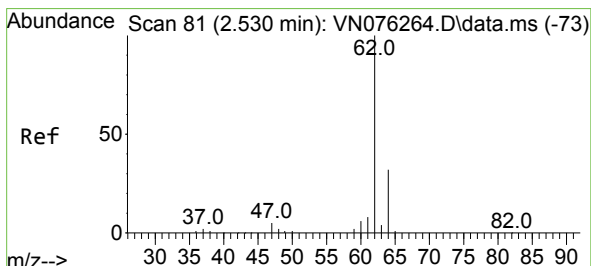
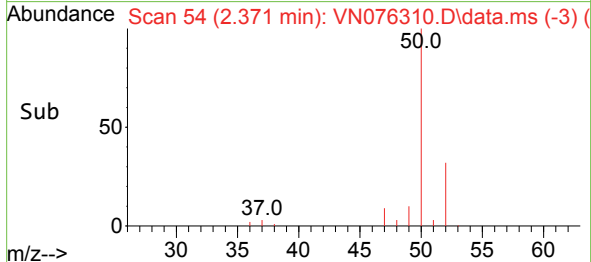
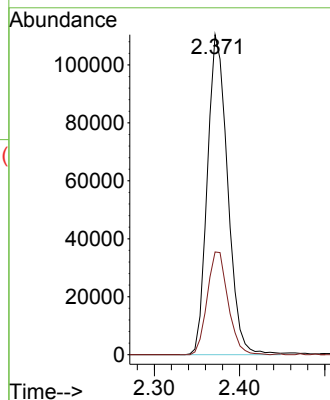
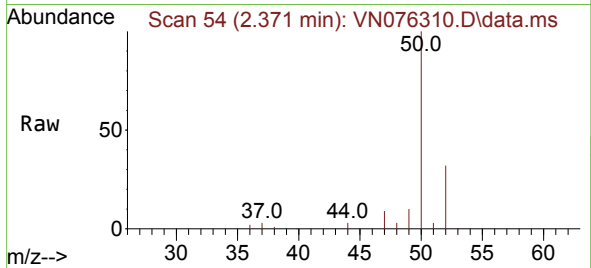




#3
Chloromethane
Concen: 43.764 ug/l
RT: 2.371 min Scan# 54
Delta R.T. 0.000 min
Lab File: VN076310.D
Acq: 19 Jan 2023 09:47

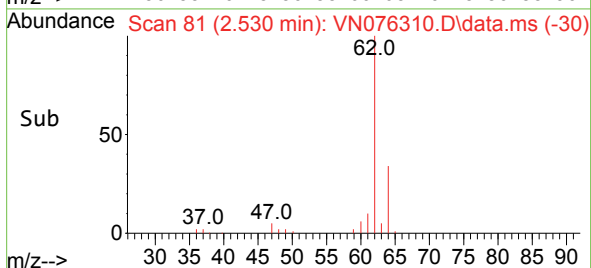
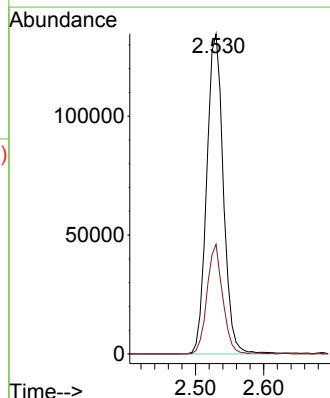
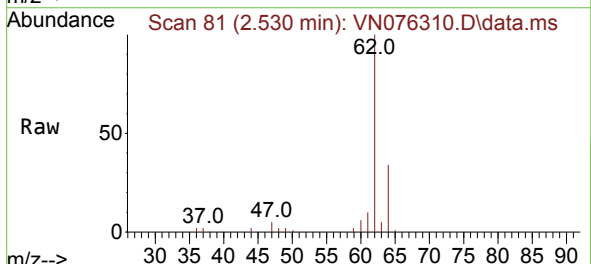
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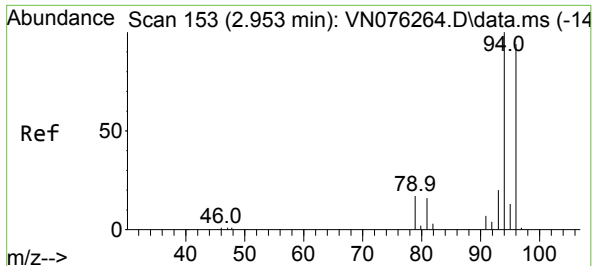
Tgt Ion: 50 Resp: 182312
Ion Ratio Lower Upper
50 100
52 32.1 24.8 37.2



#4
Vinyl Chloride
Concen: 44.735 ug/l
RT: 2.530 min Scan# 81
Delta R.T. -0.000 min
Lab File: VN076310.D
Acq: 19 Jan 2023 09:47

Tgt Ion: 62 Resp: 228511
Ion Ratio Lower Upper
62 100
64 34.3 25.8 38.6

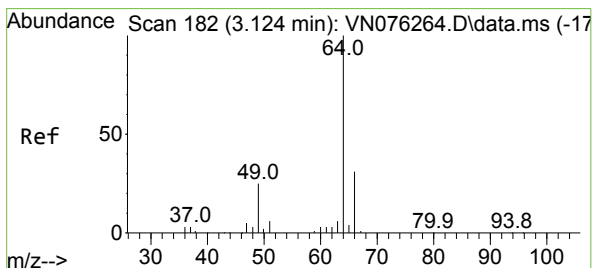
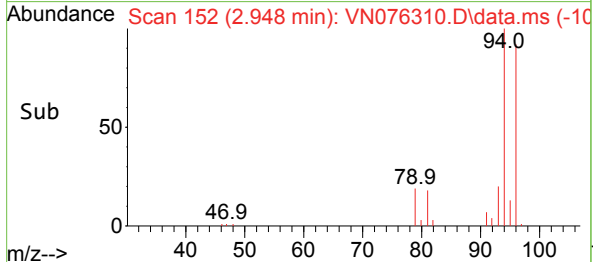
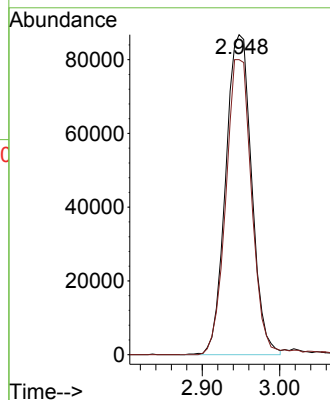
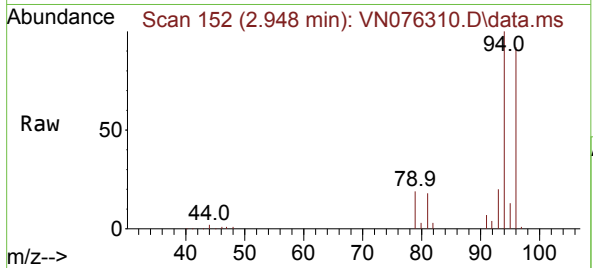




#5
Bromomethane
Concen: 48.429 ug/l
RT: 2.948 min Scan# 11
Delta R.T. -0.005 min
Lab File: VN076310.D
Acq: 19 Jan 2023 09:47

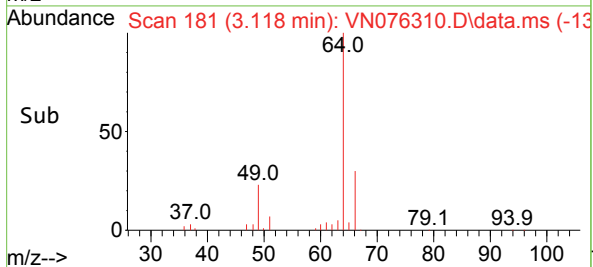
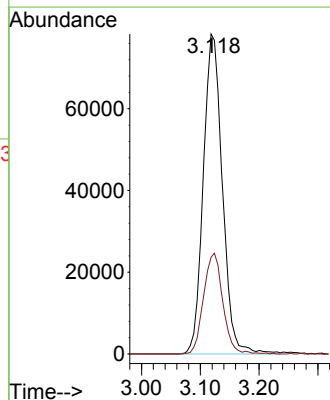
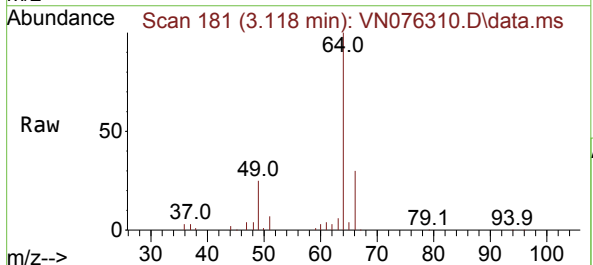
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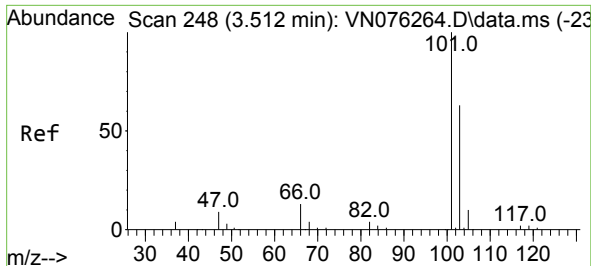
Tgt Ion: 94 Resp: 202581
Ion Ratio Lower Upper
94 100
96 92.2 75.1 112.7



#6
Chloroethane
Concen: 46.036 ug/l
RT: 3.118 min Scan# 181
Delta R.T. -0.006 min
Lab File: VN076310.D
Acq: 19 Jan 2023 09:47

Tgt Ion: 64 Resp: 176331
Ion Ratio Lower Upper
64 100
66 30.3 24.8 37.2

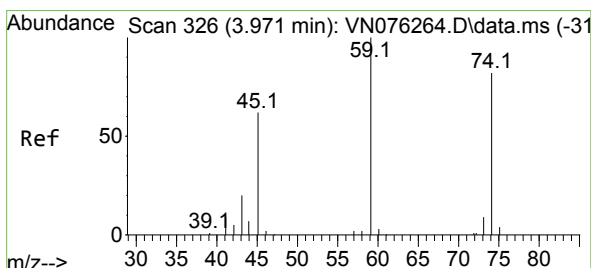
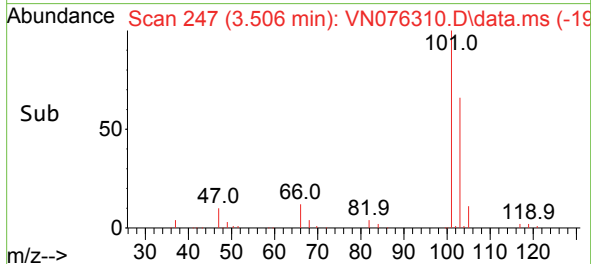
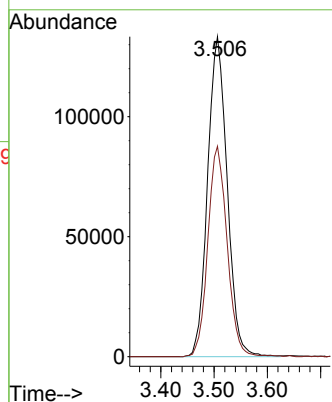
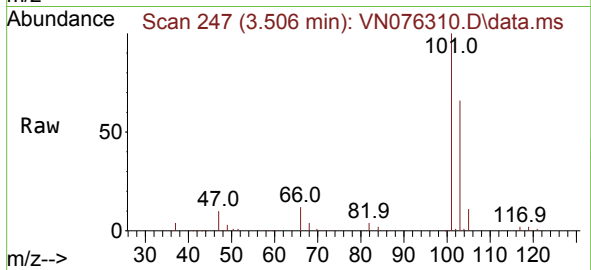




#7
Trichlorofluoromethane
Concen: 48.402 ug/l
RT: 3.506 min Scan# 248
Delta R.T. -0.006 min
Lab File: VN076310.D
Acq: 19 Jan 2023 09:47

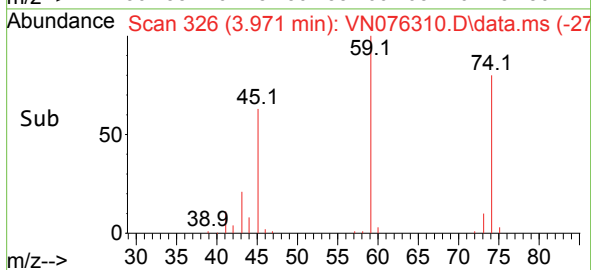
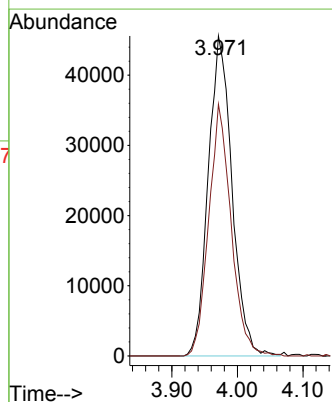
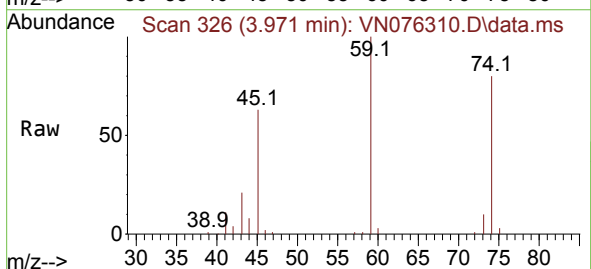
Instrument :
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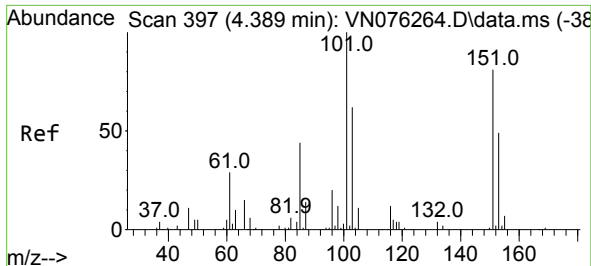
Tgt Ion:101 Resp: 340146
Ion Ratio Lower Upper
101 100
103 65.8 50.2 75.4



#8
Diethyl Ether
Concen: 48.696 ug/l
RT: 3.971 min Scan# 326
Delta R.T. 0.000 min
Lab File: VN076310.D
Acq: 19 Jan 2023 09:47

Tgt Ion: 74 Resp: 114781
Ion Ratio Lower Upper
74 100
45 74.1 37.8 113.3

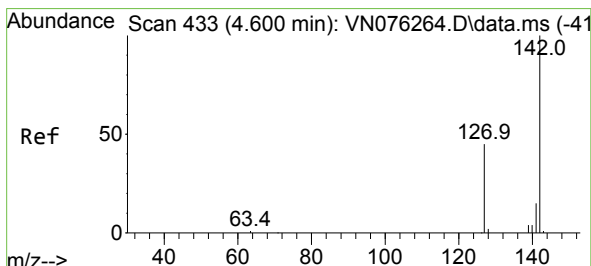
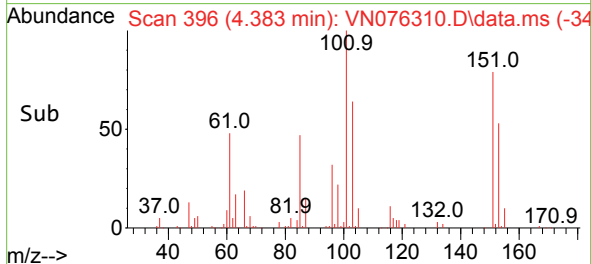
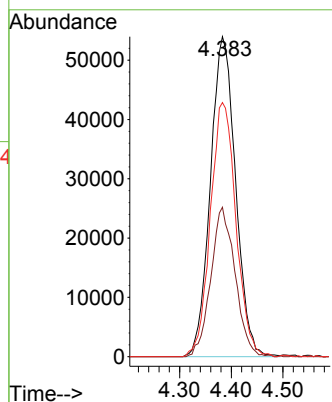
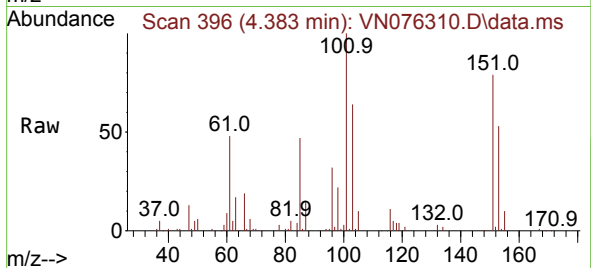




#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.906 ug/l
RT: 4.383 min Scan# 397
Delta R.T. -0.006 min
Lab File: VN076310.D
Acq: 19 Jan 2023 09:47

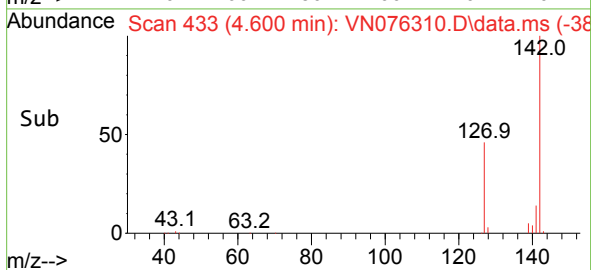
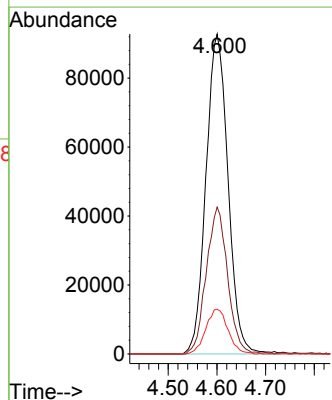
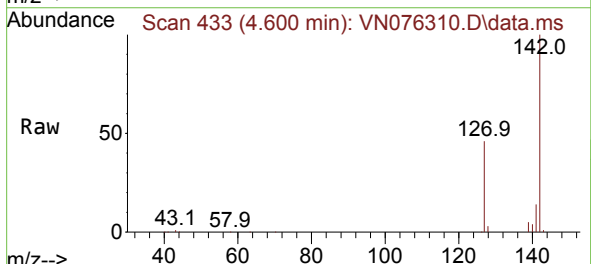
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

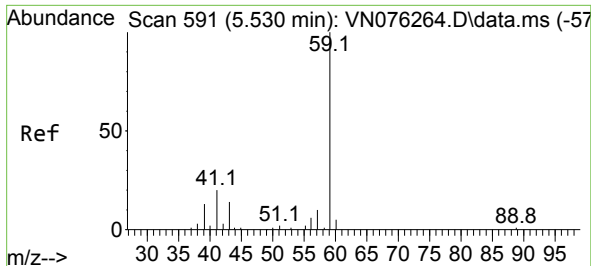
Tgt Ion:101 Resp: 182627
Ion Ratio Lower Upper
101 100
85 45.1 35.5 53.3
151 80.6 65.5 98.3



#10
Methyl Iodide
Concen: 47.971 ug/l
RT: 4.600 min Scan# 433
Delta R.T. 0.000 min
Lab File: VN076310.D
Acq: 19 Jan 2023 09:47

Tgt Ion:142 Resp: 291505
Ion Ratio Lower Upper
142 100
127 44.4 35.0 52.4
141 14.1 11.5 17.3

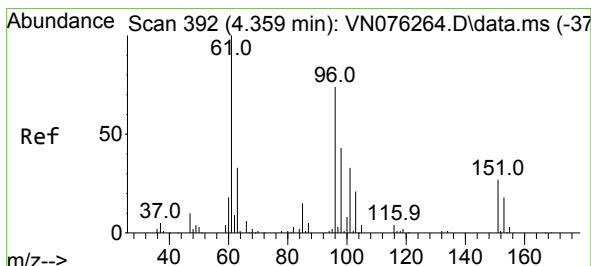
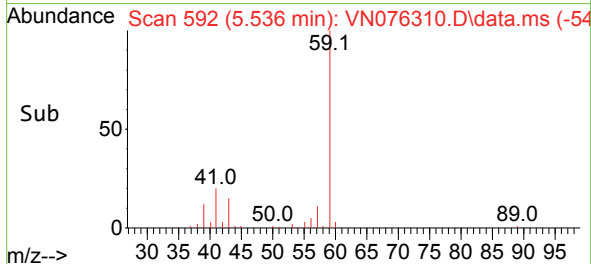
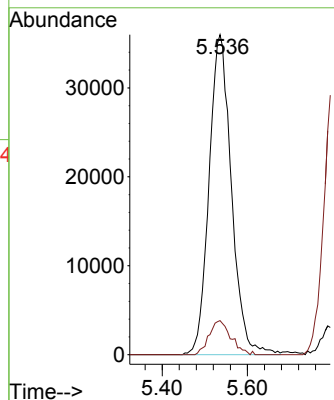
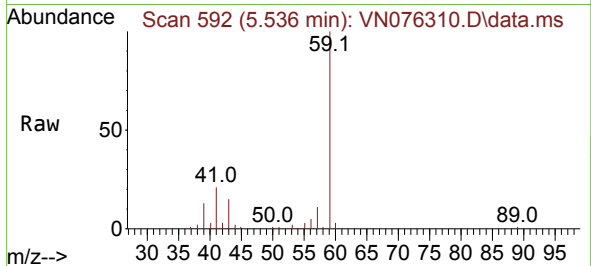




#11
Tert butyl alcohol
Concen: 222.910 ug/l
RT: 5.536 min Scan# 591
Delta R.T. 0.006 min
Lab File: VN076310.D
Acq: 19 Jan 2023 09:47

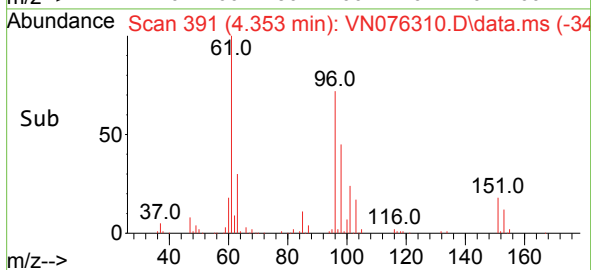
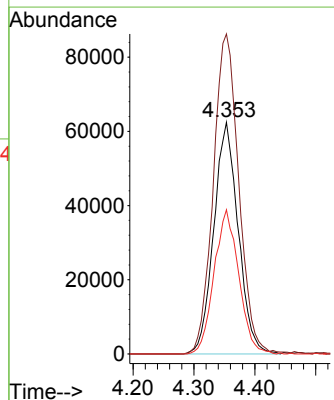
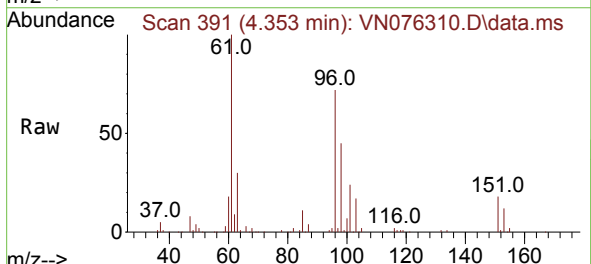
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

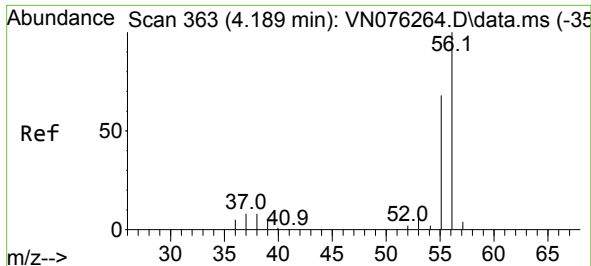
Tgt Ion: 59 Resp: 131076
Ion Ratio Lower Upper
59 100
57 10.3 8.5 12.7



#12
1,1-Dichloroethene
Concen: 46.237 ug/l
RT: 4.353 min Scan# 391
Delta R.T. -0.006 min
Lab File: VN076310.D
Acq: 19 Jan 2023 09:47

Tgt Ion: 96 Resp: 173881
Ion Ratio Lower Upper
96 100
61 138.1 108.2 162.4
98 62.2 47.0 70.6

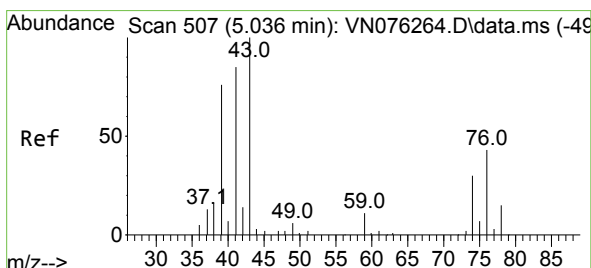
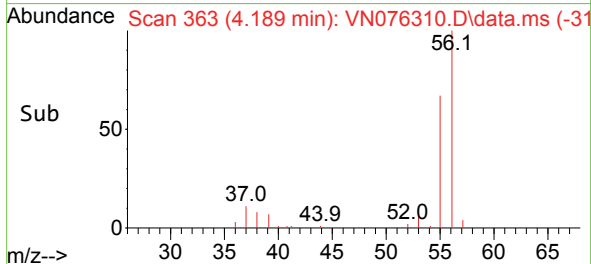
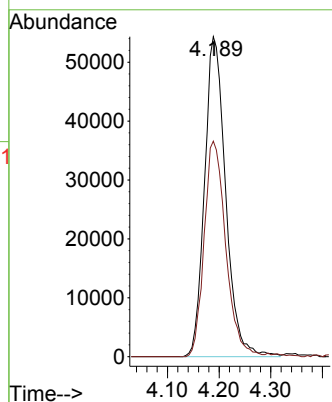
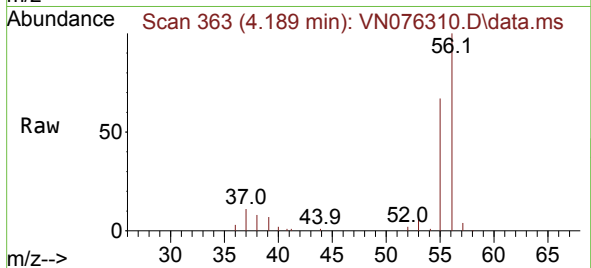




#13
Acrolein
Concen: 219.284 ug/l
RT: 4.189 min Scan# 363
Delta R.T. -0.000 min
Lab File: VN076310.D
Acq: 19 Jan 2023 09:47

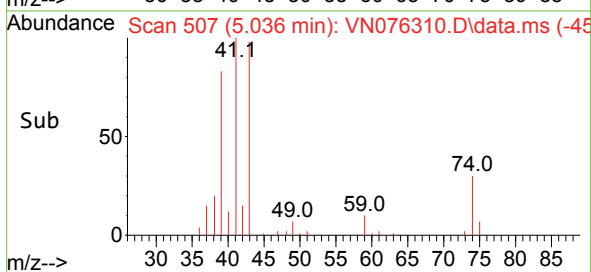
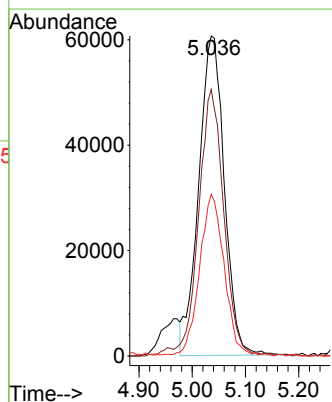
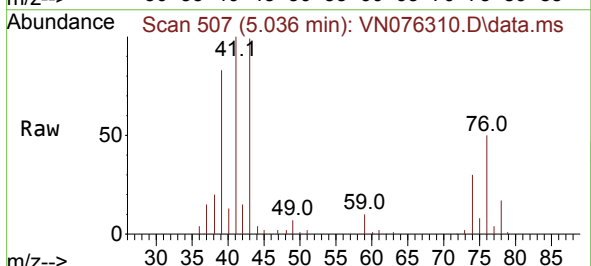
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

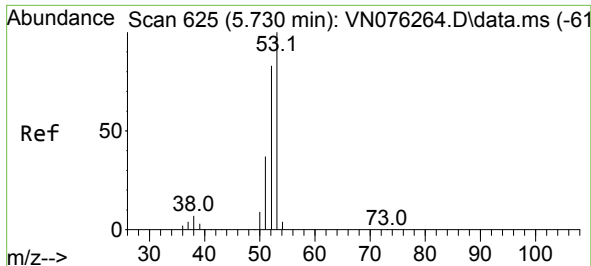
Tgt Ion: 56 Resp: 154205
Ion Ratio Lower Upper
56 100
55 68.7 55.8 83.6



#14
Allyl chloride
Concen: 46.206 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN076310.D
Acq: 19 Jan 2023 09:47

Tgt Ion: 41 Resp: 202499
Ion Ratio Lower Upper
41 100
39 82.3 67.4 101.0
76 47.9 39.8 59.8

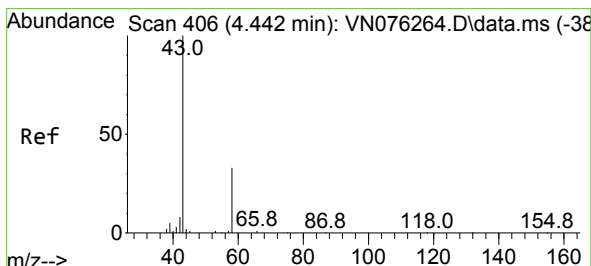
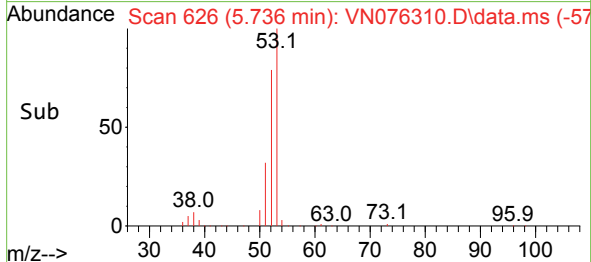
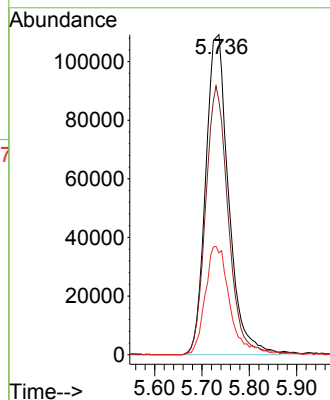
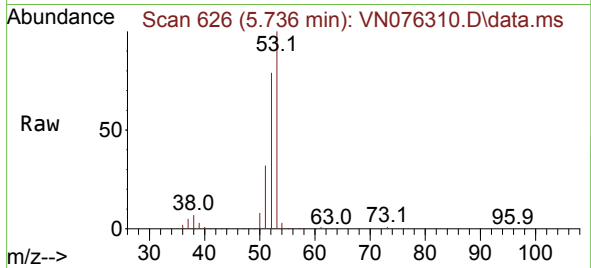




#15
Acrylonitrile
Concen: 220.077 ug/l
RT: 5.736 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN076310.D
Acq: 19 Jan 2023 09:47

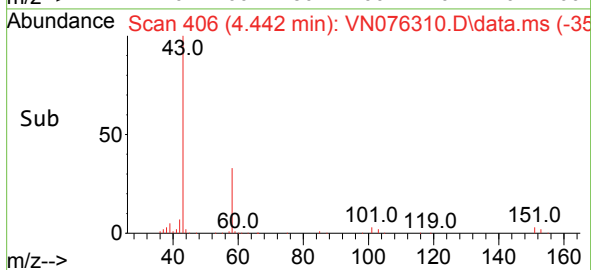
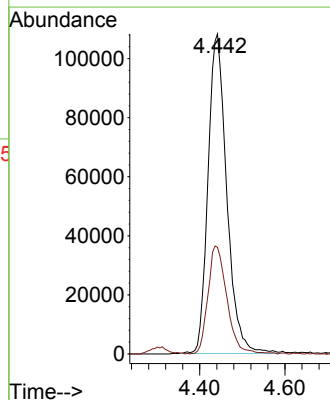
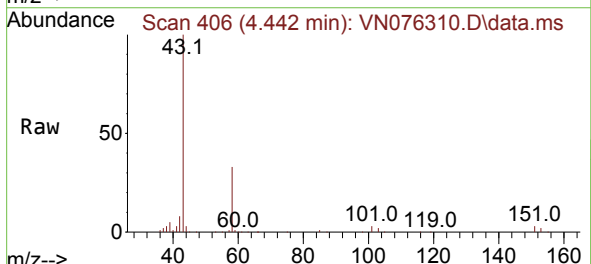
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

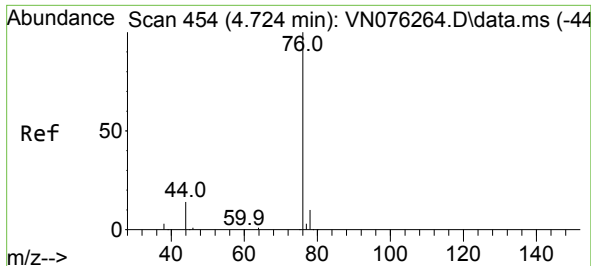
Tgt Ion: 53 Resp: 368261
Ion Ratio Lower Upper
53 100
52 83.1 64.7 97.1
51 36.3 29.2 43.8



#16
Acetone
Concen: 234.555 ug/l
RT: 4.442 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN076310.D
Acq: 19 Jan 2023 09:47

Tgt Ion: 43 Resp: 330563
Ion Ratio Lower Upper
43 100
58 33.1 26.7 40.1

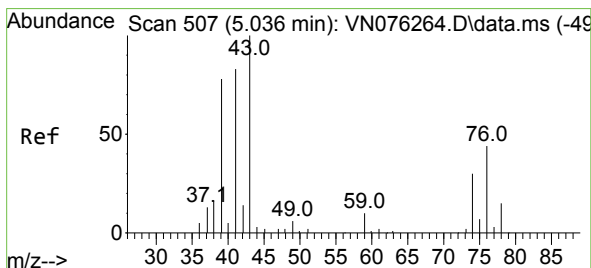
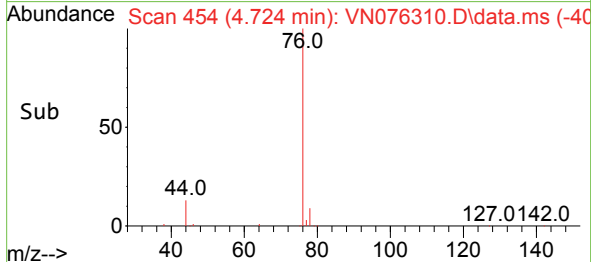
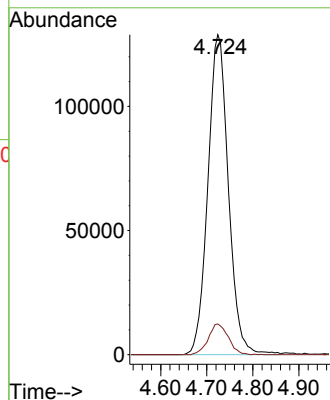
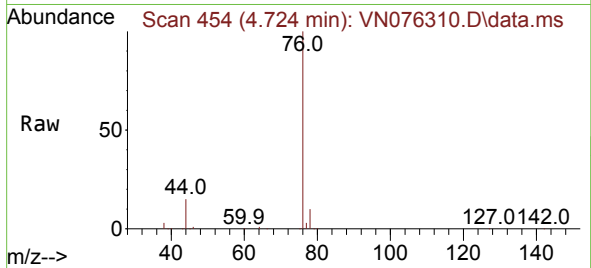




#17
Carbon Disulfide
Concen: 42.665 ug/l
RT: 4.724 min Scan# 454
Delta R.T. -0.000 min
Lab File: VN076310.D
Acq: 19 Jan 2023 09:47

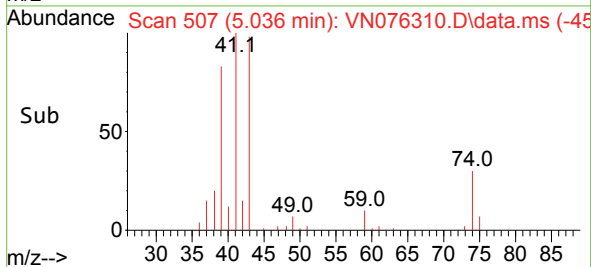
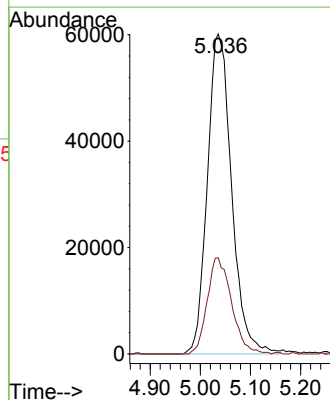
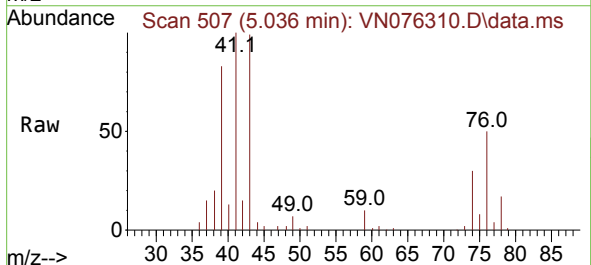
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

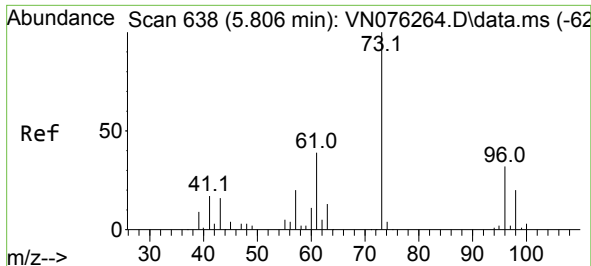
Tgt Ion: 76 Resp: 399505
Ion Ratio Lower Upper
76 100
78 9.6 8.0 12.0



#18
Methyl Acetate
Concen: 42.327 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN076310.D
Acq: 19 Jan 2023 09:47

Tgt Ion: 43 Resp: 202159
Ion Ratio Lower Upper
43 100
74 30.1 23.3 34.9

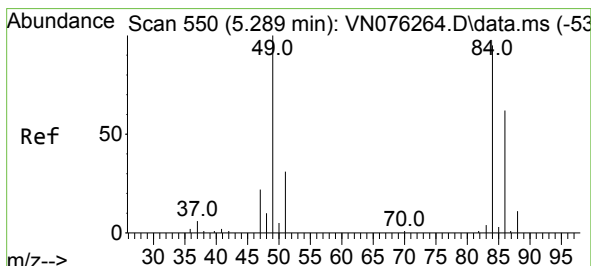
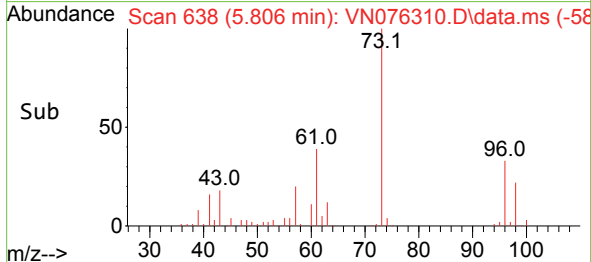
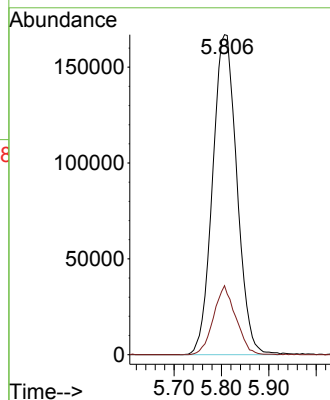
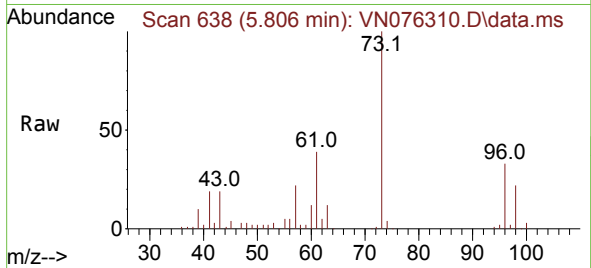




#19
Methyl tert-butyl Ether
Concen: 48.645 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN076310.D
Acq: 19 Jan 2023 09:47

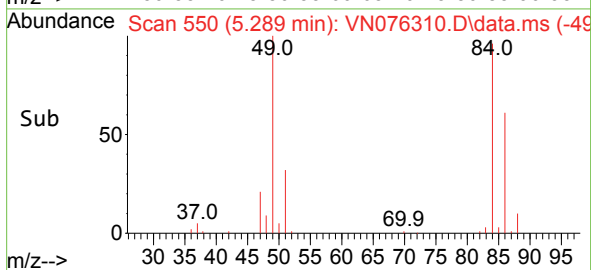
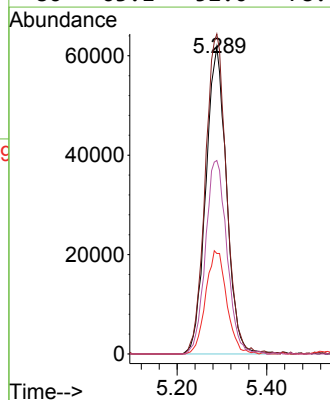
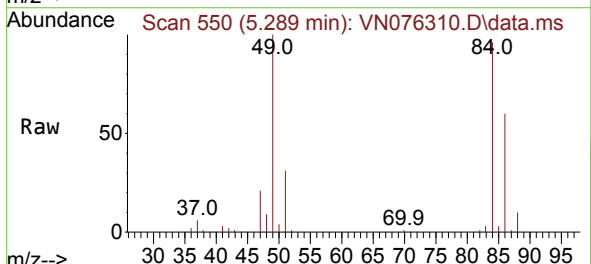
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

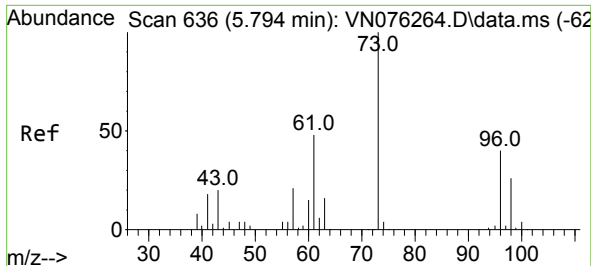
Tgt Ion: 73 Resp: 595556
Ion Ratio Lower Upper
73 100
57 21.5 15.9 23.9



#20
Methylene Chloride
Concen: 47.471 ug/l
RT: 5.289 min Scan# 550
Delta R.T. -0.000 min
Lab File: VN076310.D
Acq: 19 Jan 2023 09:47

Tgt Ion: 84 Resp: 198087
Ion Ratio Lower Upper
84 100
49 104.3 84.5 126.7
51 32.8 26.0 39.0
86 63.1 52.0 78.0

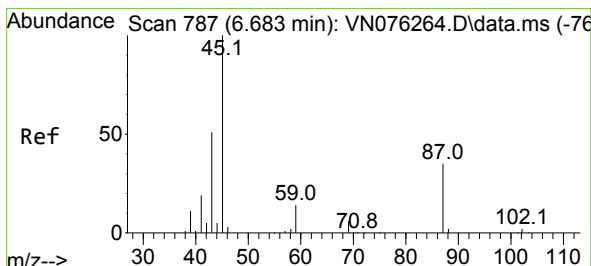
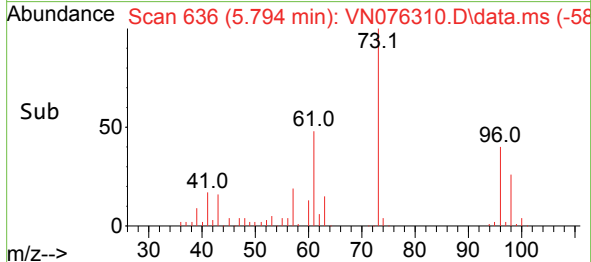
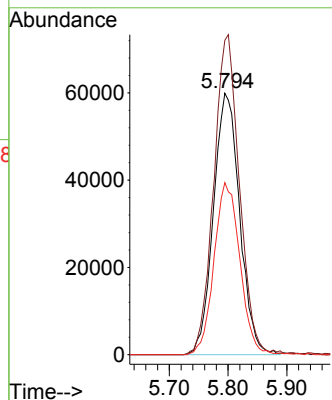
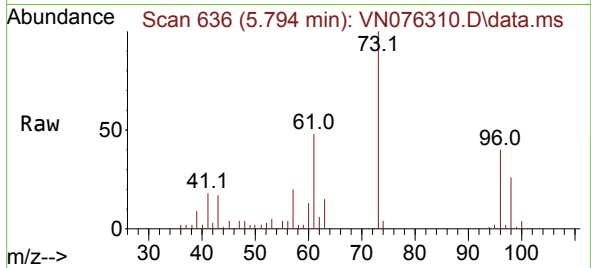




#21
trans-1,2-Dichloroethene
Concen: 45.622 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN076310.D
Acq: 19 Jan 2023 09:47

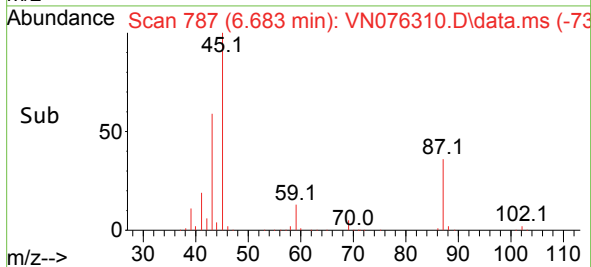
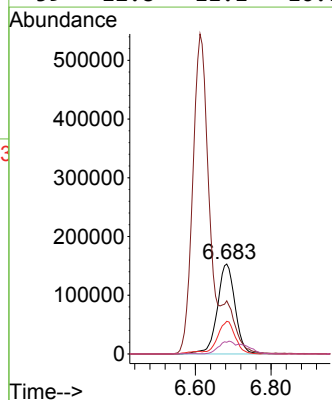
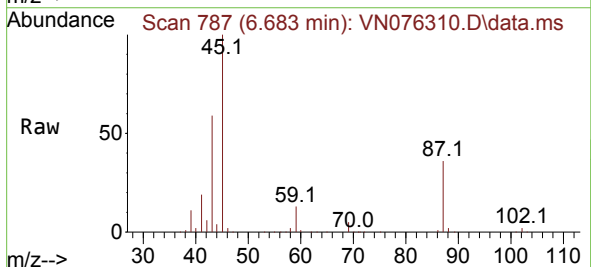
Instrument :
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ClientSampleId :
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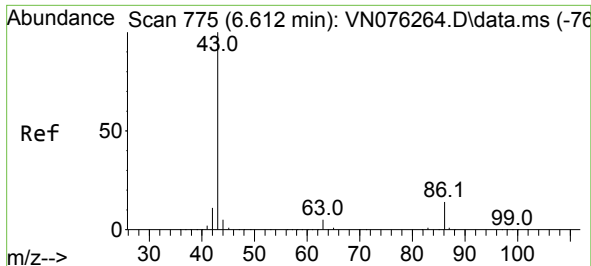
Tgt Ion: 96 Resp: 185869
Ion Ratio Lower Upper
96 100
61 120.3 97.0 145.4
98 65.8 51.9 77.9



#22
Diisopropyl ether
Concen: 48.276 ug/l
RT: 6.683 min Scan# 787
Delta R.T. -0.000 min
Lab File: VN076310.D
Acq: 19 Jan 2023 09:47

Tgt Ion: 45 Resp: 498933
Ion Ratio Lower Upper
45 100
43 58.2 44.4 66.6
87 36.3 28.4 42.6
59 12.8 11.1 16.7

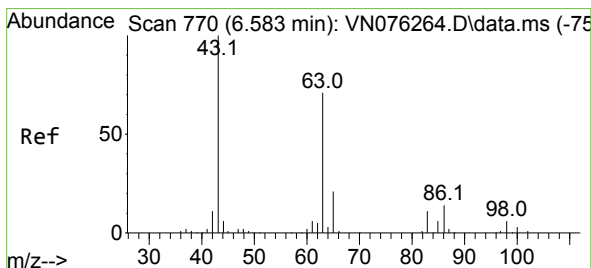
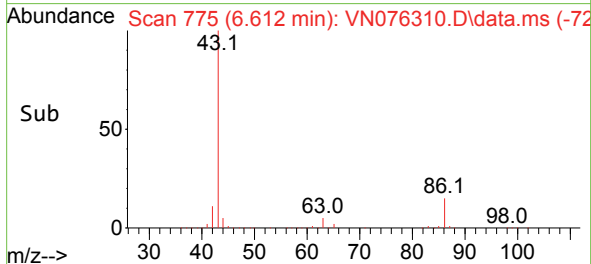
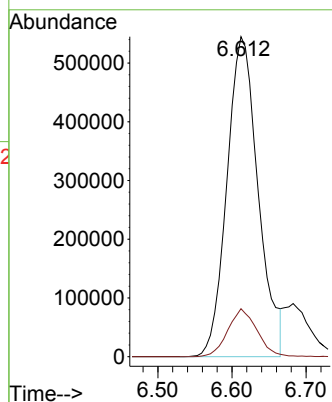
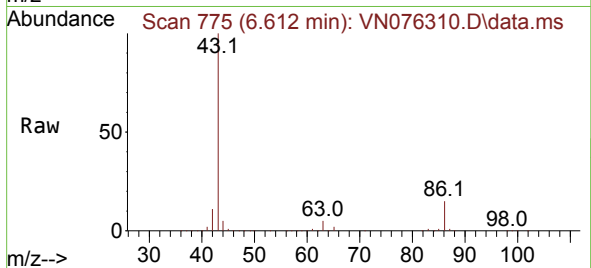




#23
 Vinyl Acetate
 Concen: 238.998 ug/l
 RT: 6.612 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VN076310.D
 Acq: 19 Jan 2023 09:47

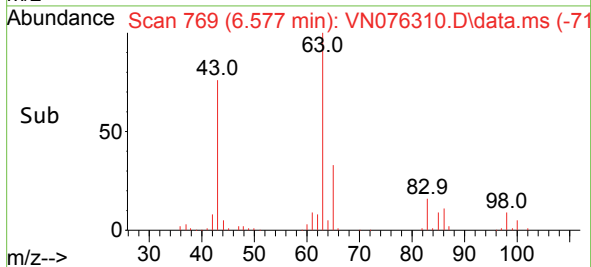
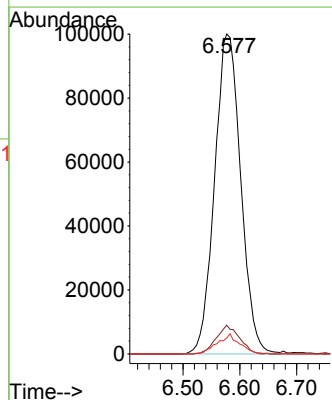
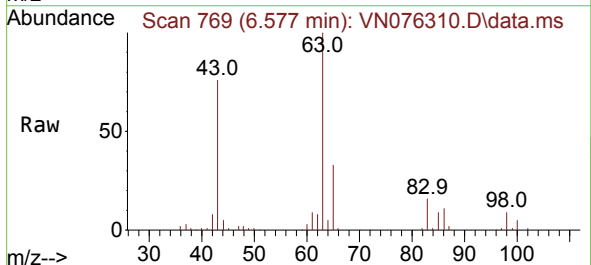
Instrument :
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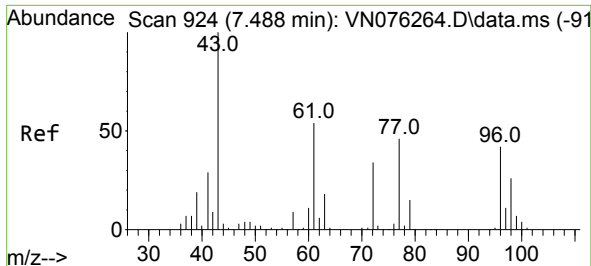
Tgt Ion: 43 Resp: 1596379
 Ion Ratio Lower Upper
 43 100
 86 15.0 11.2 16.8



#24
 1,1-Dichloroethane
 Concen: 46.340 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. -0.006 min
 Lab File: VN076310.D
 Acq: 19 Jan 2023 09:47

Tgt Ion: 63 Resp: 319243
 Ion Ratio Lower Upper
 63 100
 98 9.0 3.9 11.7
 100 5.0 2.2 6.6

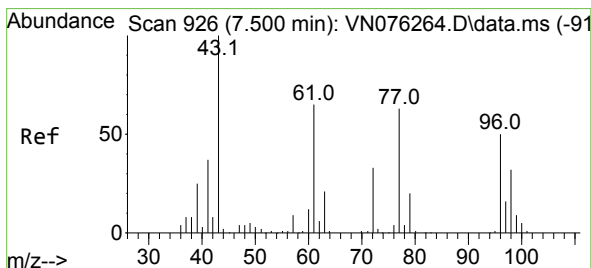
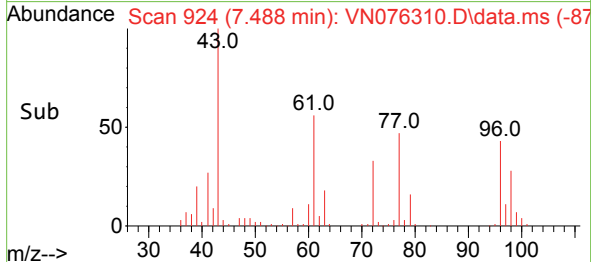
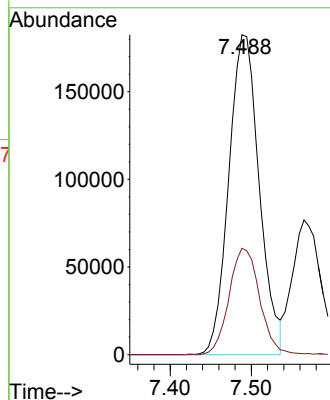
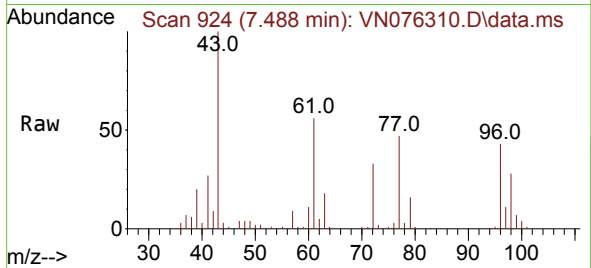




#25
2-Butanone
Concen: 221.290 ug/l
RT: 7.488 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN076310.D
Acq: 19 Jan 2023 09:47

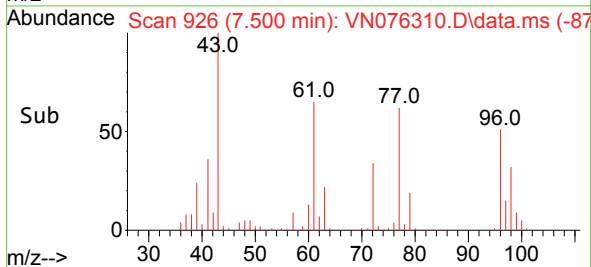
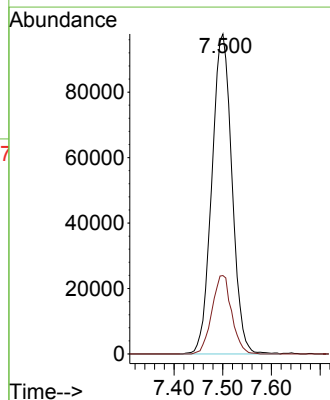
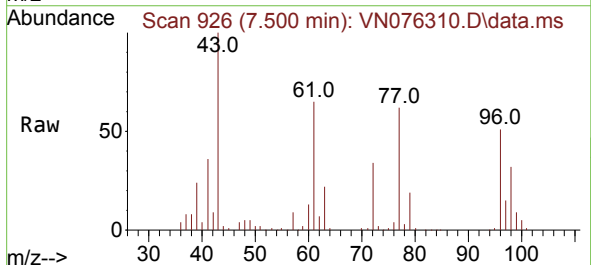
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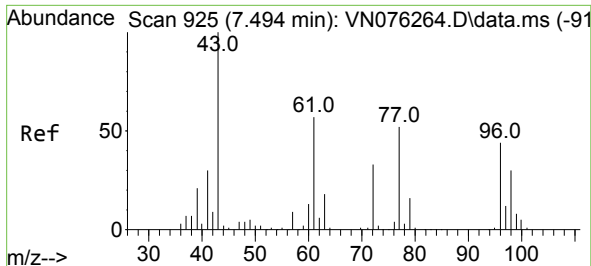
Tgt Ion: 43 Resp: 476309
Ion Ratio Lower Upper
43 100
72 33.2 27.4 41.2



#26
2,2-Dichloropropane
Concen: 48.237 ug/l
RT: 7.500 min Scan# 926
Delta R.T. 0.000 min
Lab File: VN076310.D
Acq: 19 Jan 2023 09:47

Tgt Ion: 77 Resp: 280077
Ion Ratio Lower Upper
77 100
97 24.0 11.8 35.4





#27

cis-1,2-Dichloroethene

Concen: 46.783 ug/l

RT: 7.494 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN076310.D

Acq: 19 Jan 2023 09:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

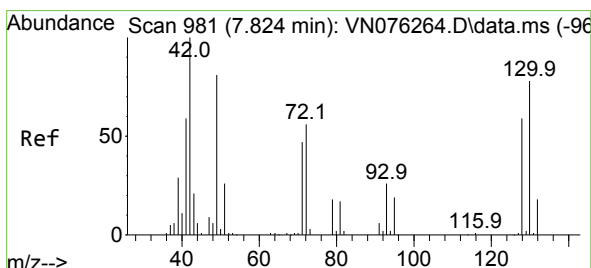
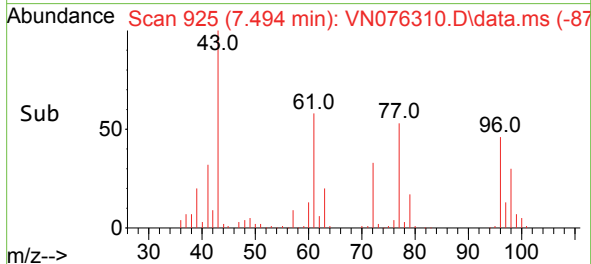
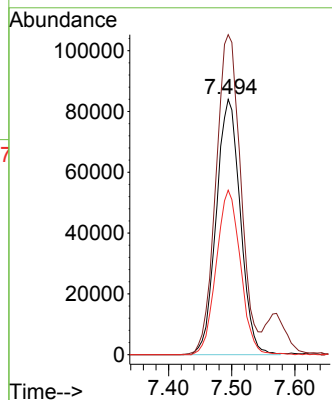
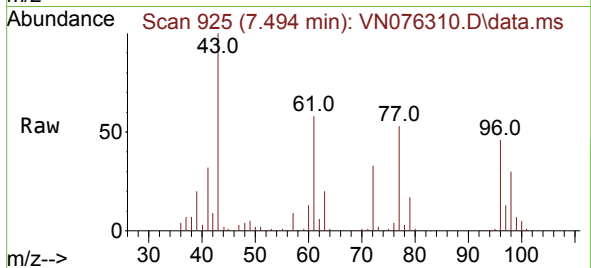
Tgt Ion: 96 Resp: 222299

Ion Ratio Lower Upper

96 100

61 129.7 0.0 259.6

98 64.7 0.0 129.4



#28

Bromochloromethane

Concen: 48.885 ug/l

RT: 7.818 min Scan# 980

Delta R.T. -0.006 min

Lab File: VN076310.D

Acq: 19 Jan 2023 09:47

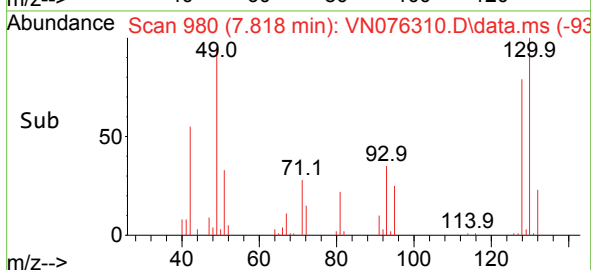
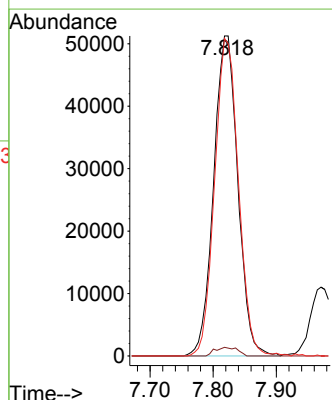
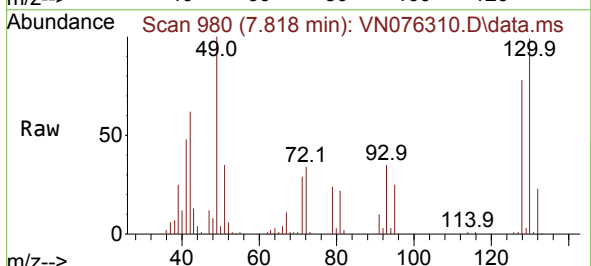
Tgt Ion: 49 Resp: 136502

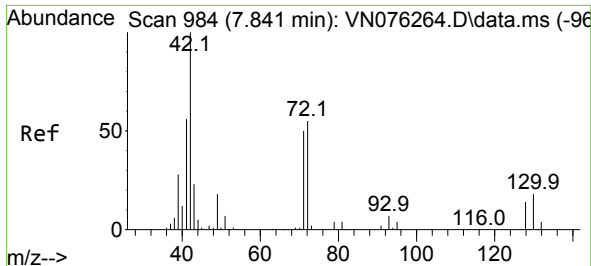
Ion Ratio Lower Upper

49 100

129 2.5 0.0 5.2

130 97.5 76.0 114.0

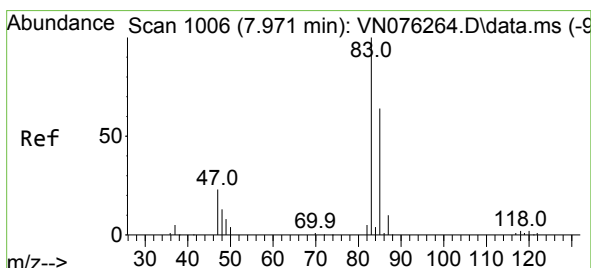
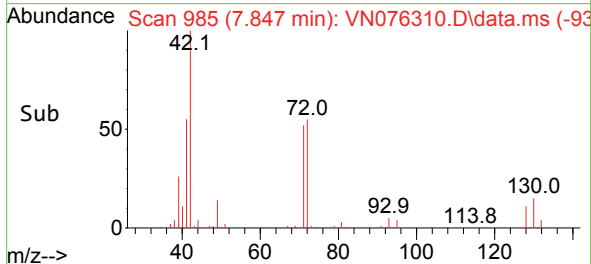
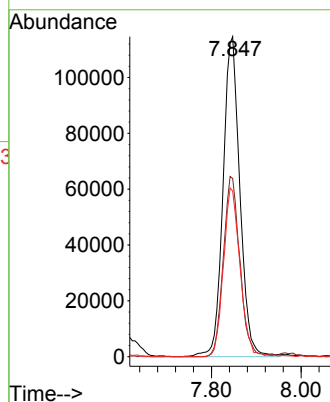
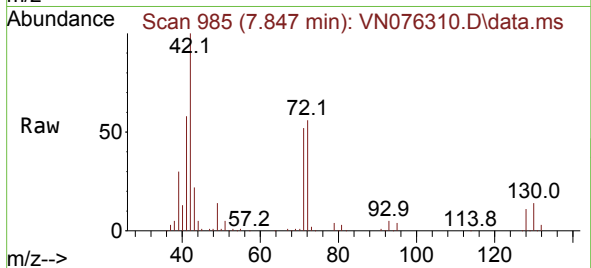




#29
Tetrahydrofuran
Concen: 225.677 ug/l
RT: 7.847 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN076310.D
Acq: 19 Jan 2023 09:47

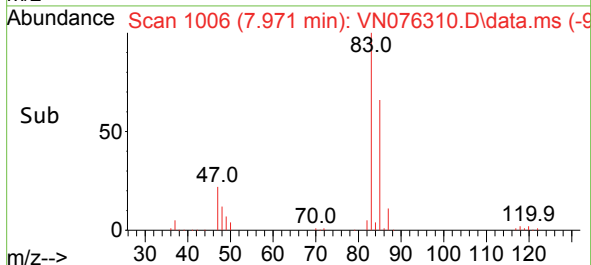
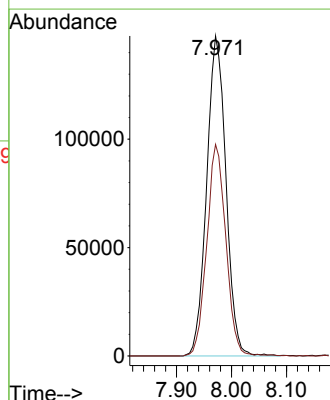
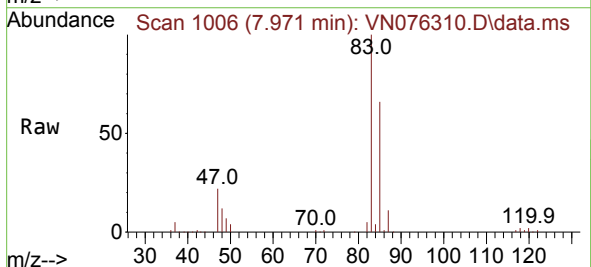
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

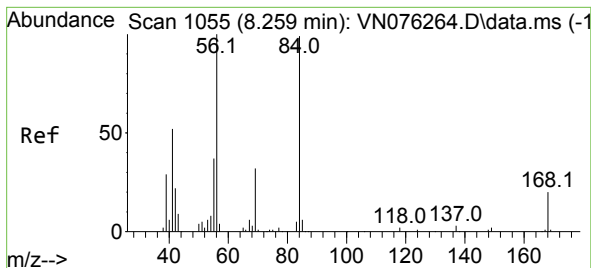
Tgt Ion: 42 Resp: 299798
Ion Ratio Lower Upper
42 100
72 55.3 44.0 66.0
71 51.7 41.1 61.7



#30
Chloroform
Concen: 47.234 ug/l
RT: 7.971 min Scan# 1006
Delta R.T. -0.000 min
Lab File: VN076310.D
Acq: 19 Jan 2023 09:47

Tgt Ion: 83 Resp: 360053
Ion Ratio Lower Upper
83 100
85 66.1 51.0 76.6





#31

Cyclohexane

Concen: 41.597 ug/l

RT: 8.265 min Scan# 1055

Delta R.T. 0.006 min

Lab File: VN076310.D

Acq: 19 Jan 2023 09:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

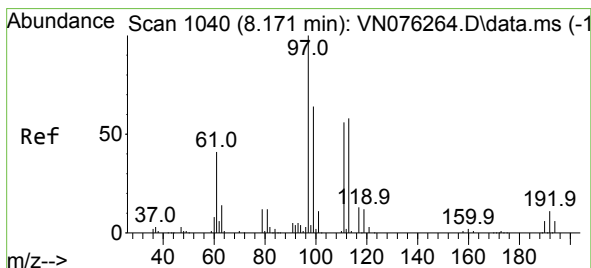
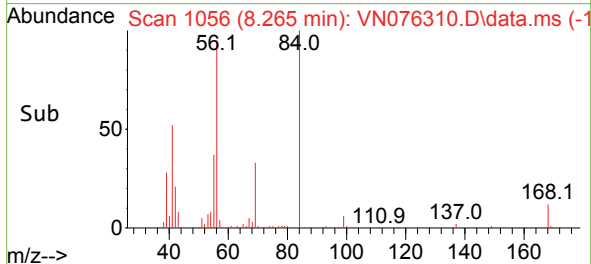
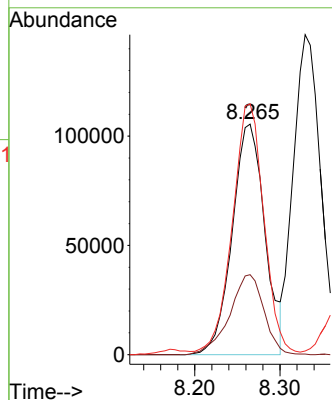
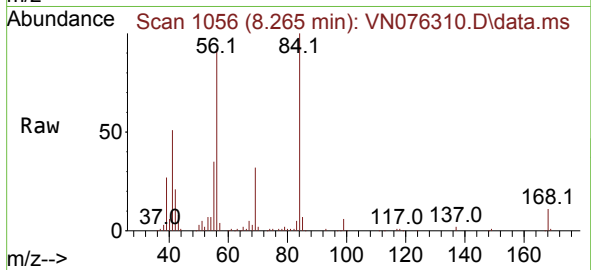
Tgt Ion: 56 Resp: 280918

Ion Ratio Lower Upper

56 100

69 34.7 25.8 38.8

84 107.3 79.0 118.4



#32

1,1,1-Trichloroethane

Concen: 46.924 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN076310.D

Acq: 19 Jan 2023 09:47

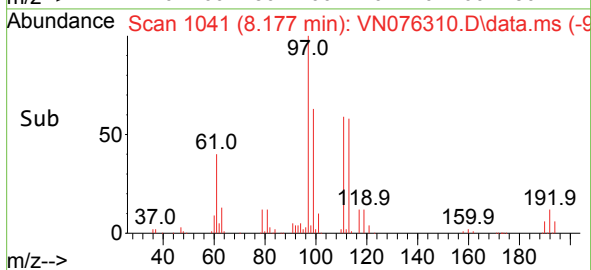
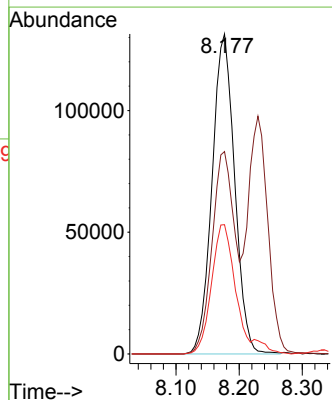
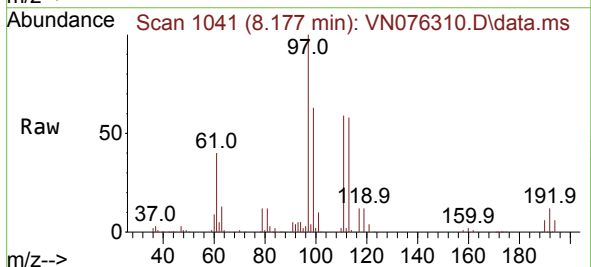
Tgt Ion: 97 Resp: 326569

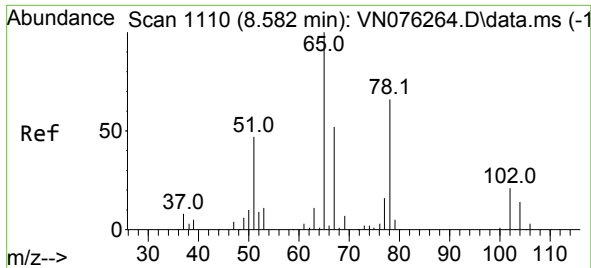
Ion Ratio Lower Upper

97 100

99 62.6 55.0 82.4

61 44.5 36.2 54.4

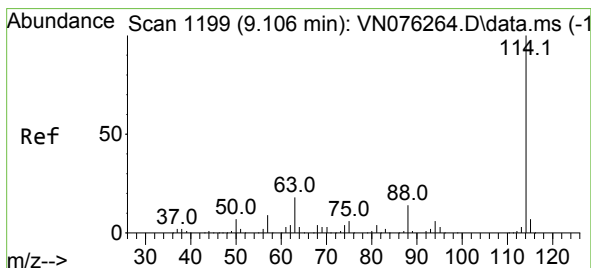
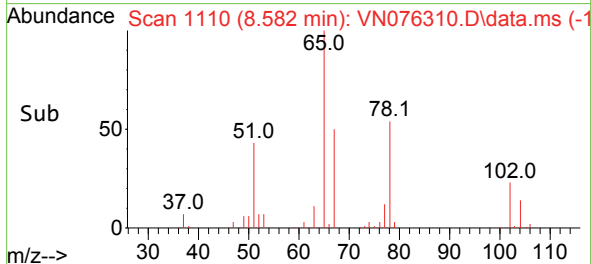
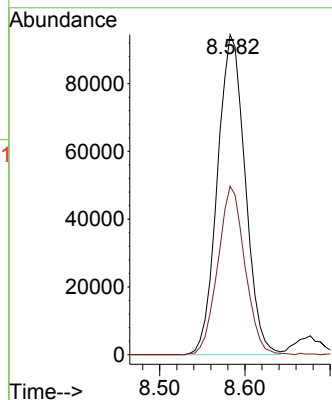
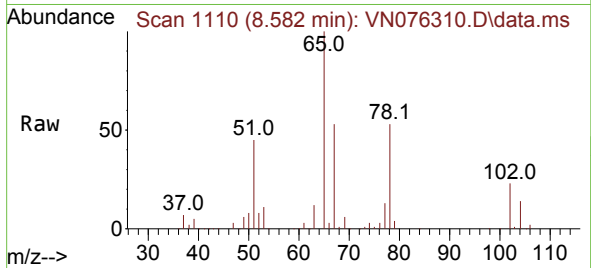




#33
 1,2-Dichloroethane-d4
 Concen: 48.588 ug/l
 RT: 8.582 min Scan# 1110
 Delta R.T. 0.000 min
 Lab File: VN076310.D
 Acq: 19 Jan 2023 09:47

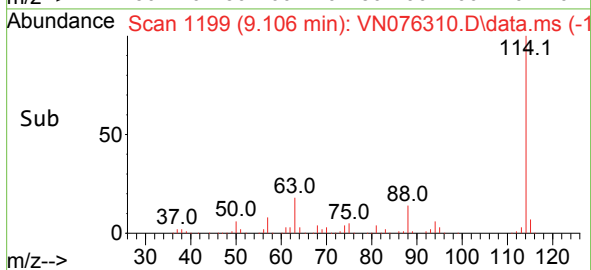
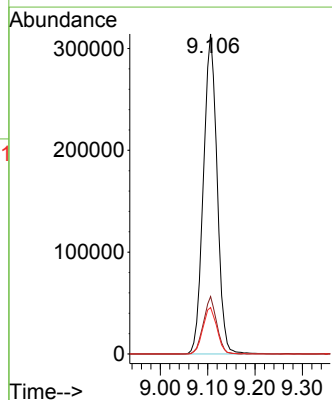
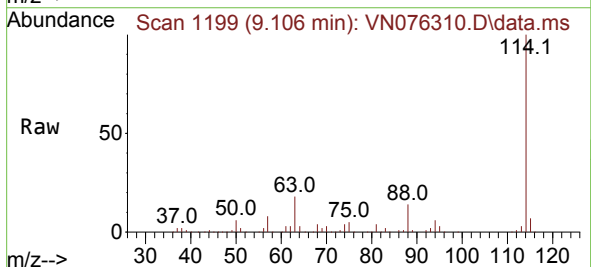
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

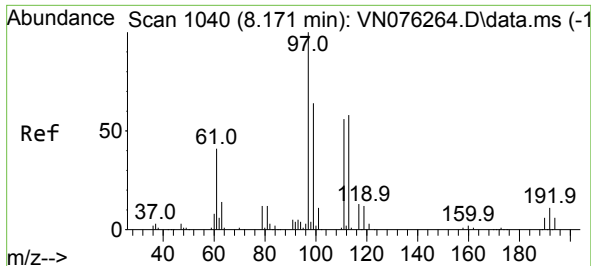
Tgt Ion: 65 Resp: 213603
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 1199
 Delta R.T. 0.000 min
 Lab File: VN076310.D
 Acq: 19 Jan 2023 09:47

Tgt Ion: 114 Resp: 628865
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 35.8
 88 14.5 0.0 28.0

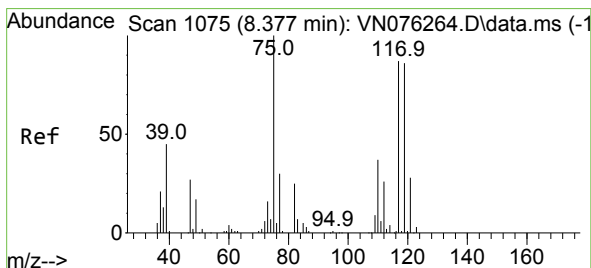
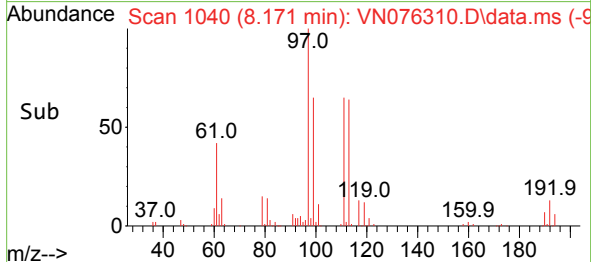
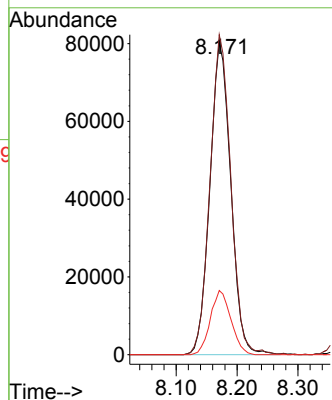
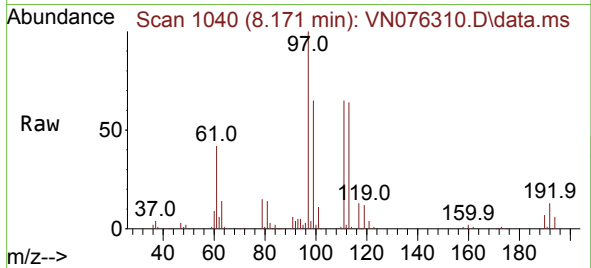




#35
Dibromofluoromethane
Concen: 48.588 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN076310.D
Acq: 19 Jan 2023 09:47

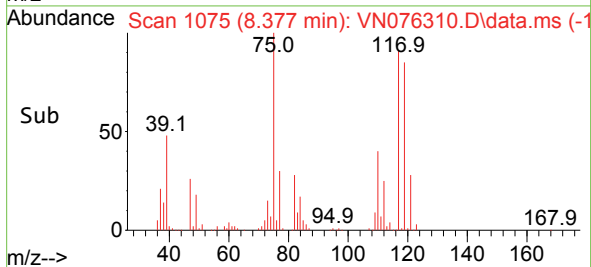
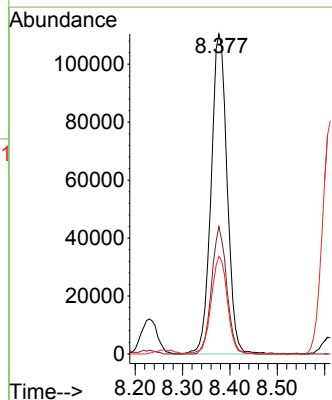
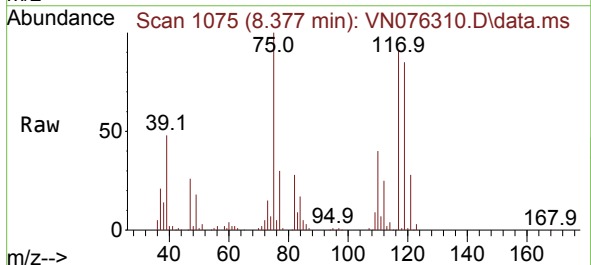
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

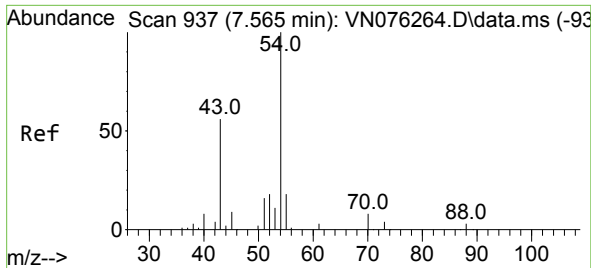
Tgt Ion:113 Resp: 191137
Ion Ratio Lower Upper
113 100
111 102.0 82.7 124.1
192 20.2 15.6 23.4



#36
1,1-Dichloropropene
Concen: 46.456 ug/l
RT: 8.377 min Scan# 1075
Delta R.T. -0.000 min
Lab File: VN076310.D
Acq: 19 Jan 2023 09:47

Tgt Ion: 75 Resp: 259681
Ion Ratio Lower Upper
75 100
110 37.6 18.8 56.3
77 30.6 25.0 37.4

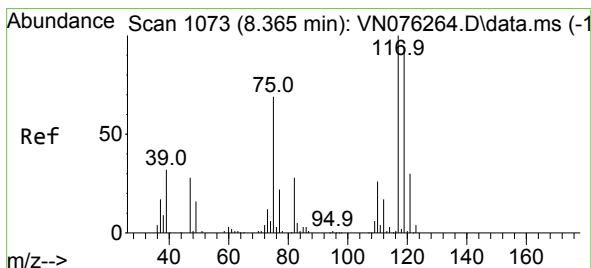
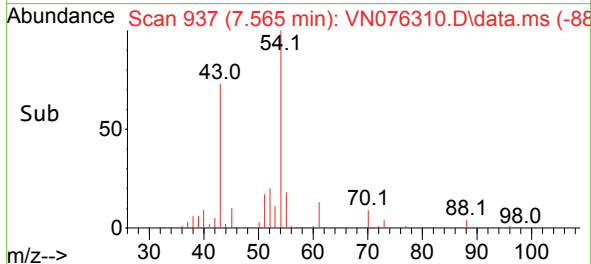
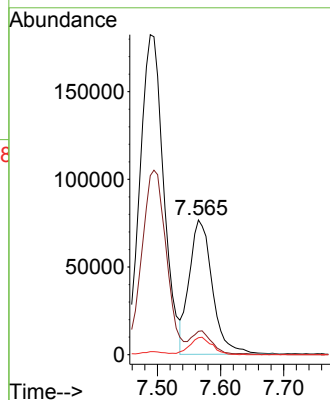
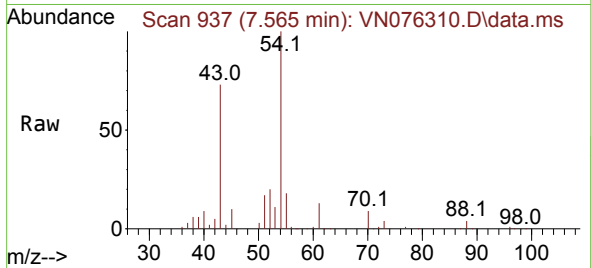




#37
Ethyl Acetate
Concen: 43.533 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN076310.D
Acq: 19 Jan 2023 09:47

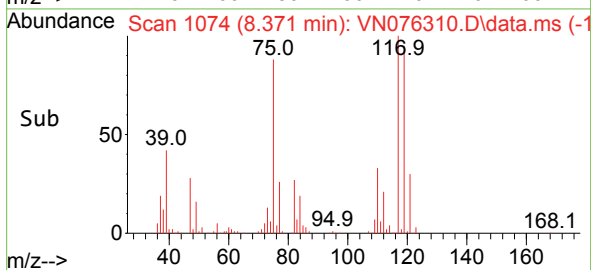
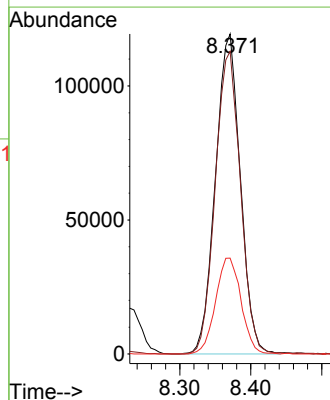
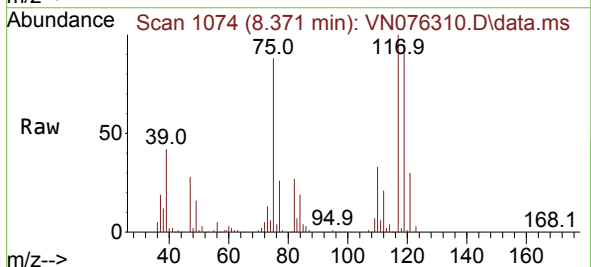
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

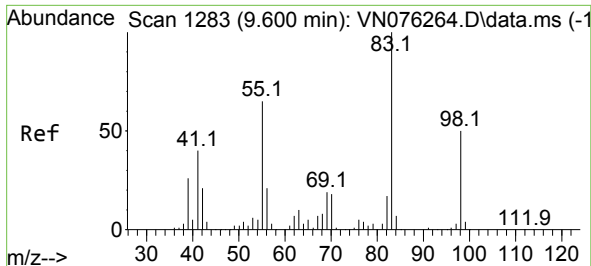
Tgt Ion: 43 Resp: 195163
Ion Ratio Lower Upper
43 100
61 15.8 11.1 16.7
70 12.4 10.0 15.0



#38
Carbon Tetrachloride
Concen: 46.542 ug/l
RT: 8.371 min Scan# 1074
Delta R.T. 0.006 min
Lab File: VN076310.D
Acq: 19 Jan 2023 09:47

Tgt Ion: 117 Resp: 290120
Ion Ratio Lower Upper
117 100
119 94.6 75.4 113.0
121 29.9 24.2 36.2

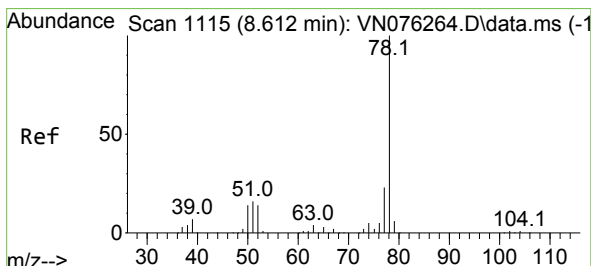
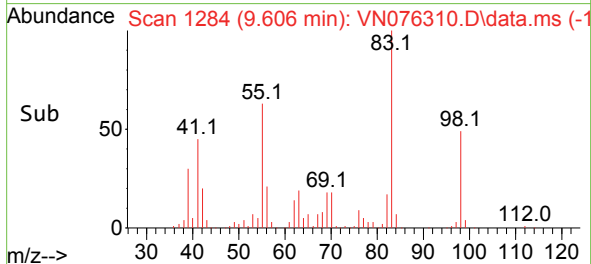
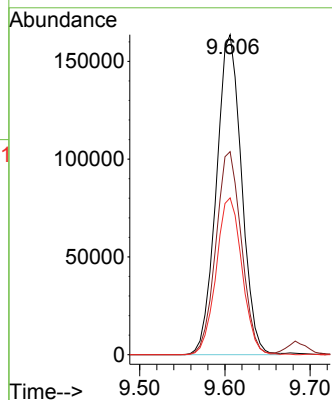
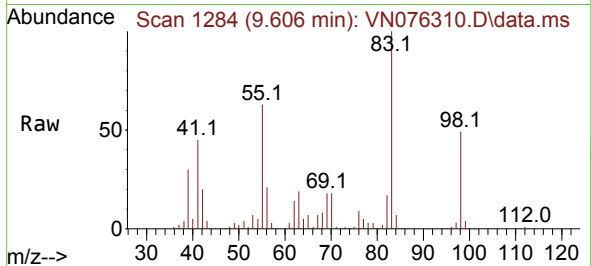




#39
Methylcyclohexane
Concen: 49.262 ug/l
RT: 9.606 min Scan# 1115
Delta R.T. 0.006 min
Lab File: VN076310.D
Acq: 19 Jan 2023 09:47

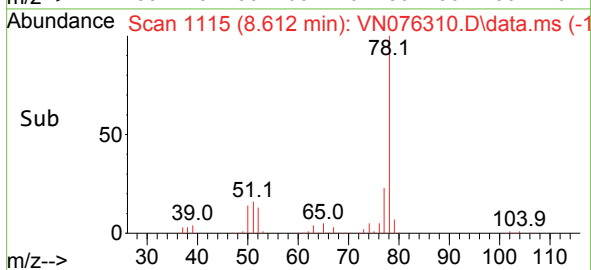
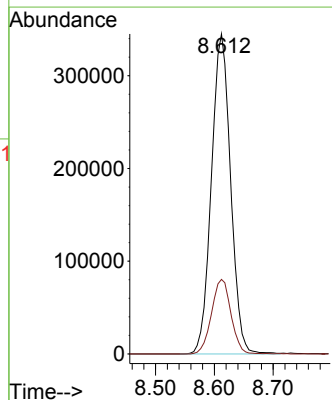
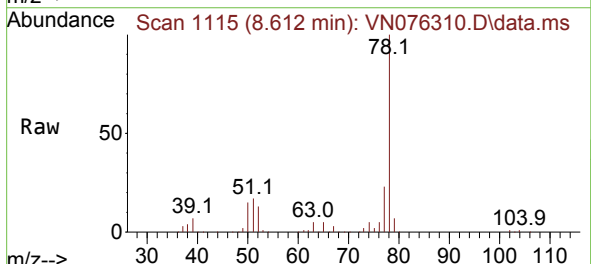
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

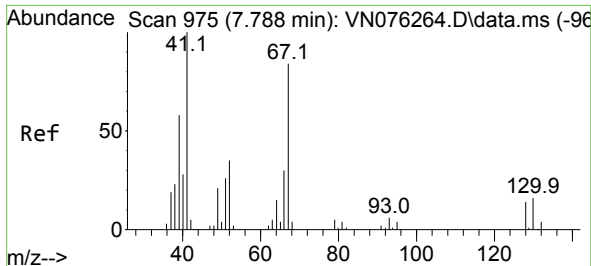
Tgt Ion: 83 Resp: 336271
Ion Ratio Lower Upper
83 100
55 63.5 51.7 77.5
98 49.0 40.0 60.0



#40
Benzene
Concen: 46.763 ug/l
RT: 8.612 min Scan# 1115
Delta R.T. -0.000 min
Lab File: VN076310.D
Acq: 19 Jan 2023 09:47

Tgt Ion: 78 Resp: 781620
Ion Ratio Lower Upper
78 100
77 23.3 18.6 28.0



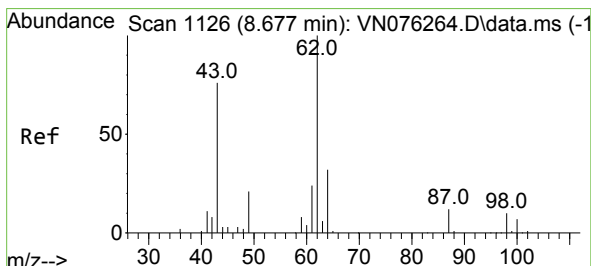
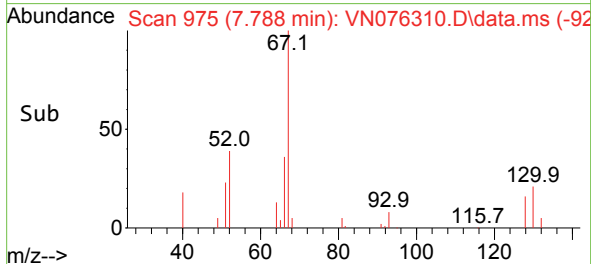
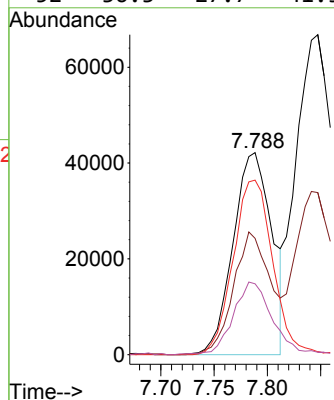
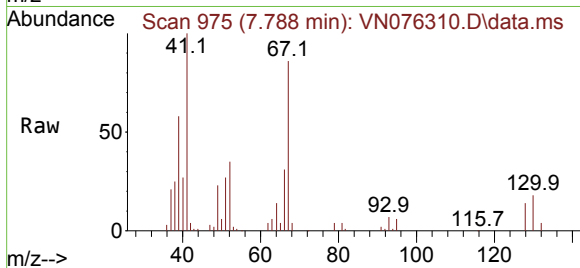


#41
Methacrylonitrile
Concen: 45.518 ug/l
RT: 7.788 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN076310.D
Acq: 19 Jan 2023 09:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 106858

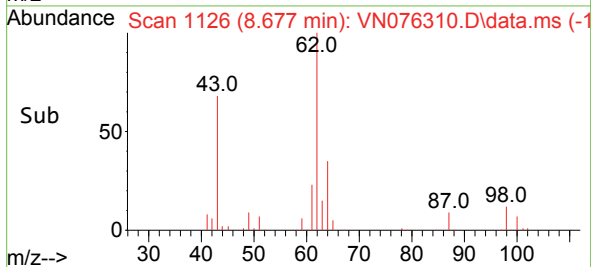
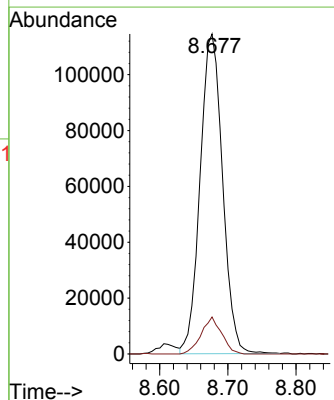
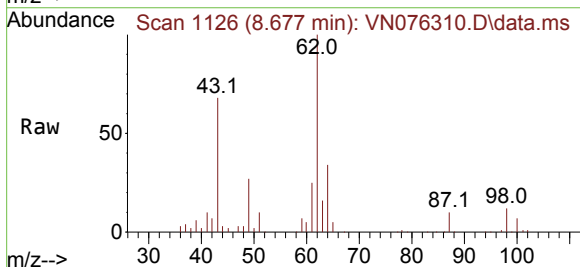
Ion	Ratio	Lower	Upper
41	100		
39	57.6	42.4	63.6
67	88.3	68.8	103.2
52	36.3	27.7	41.5

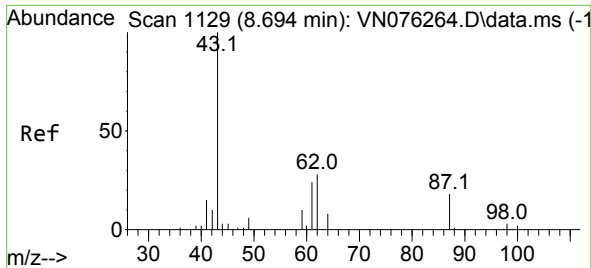


#42
1,2-Dichloroethane
Concen: 45.823 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN076310.D
Acq: 19 Jan 2023 09:47

Tgt Ion: 62 Resp: 262052

Ion	Ratio	Lower	Upper
62	100		
98	10.5	0.0	20.4

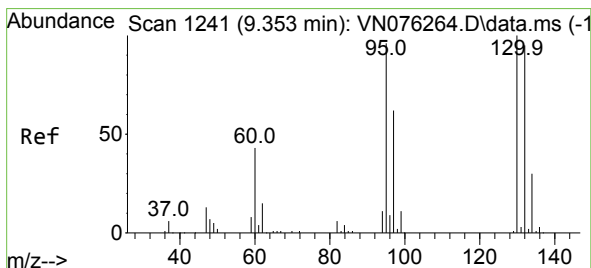
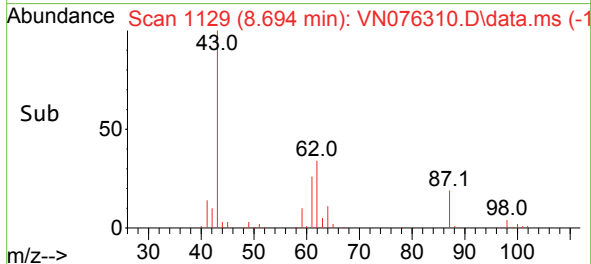
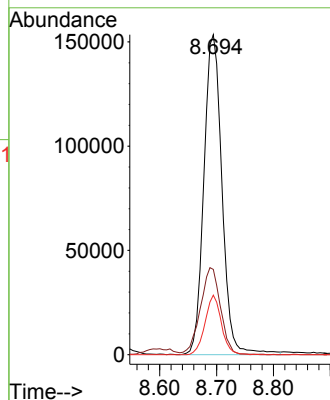
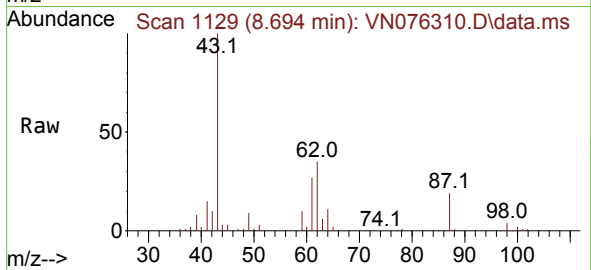




#43
Isopropyl Acetate
Concen: 46.593 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN076310.D
Acq: 19 Jan 2023 09:47

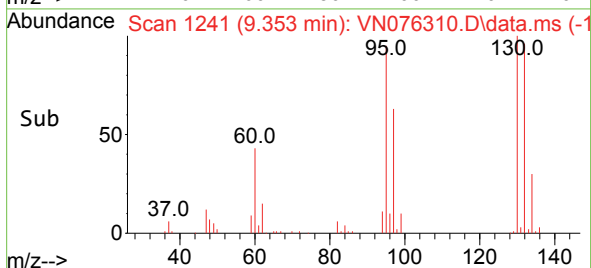
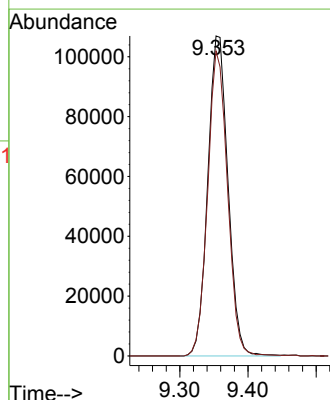
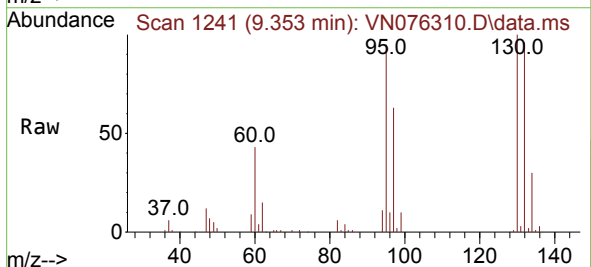
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

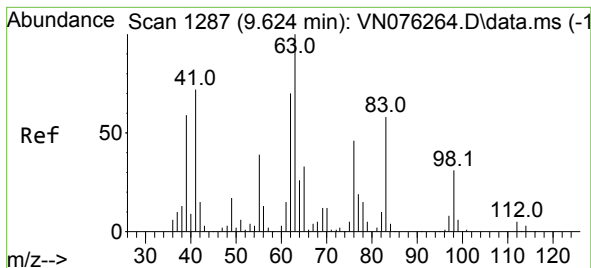
Tgt Ion: 43 Resp: 339844
Ion Ratio Lower Upper
43 100
61 30.2 23.5 35.3
87 16.7 13.8 20.6



#44
Trichloroethene
Concen: 46.713 ug/l
RT: 9.353 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VN076310.D
Acq: 19 Jan 2023 09:47

Tgt Ion:130 Resp: 220833
Ion Ratio Lower Upper
130 100
95 95.3 0.0 192.0





#45

1,2-Dichloropropane

Concen: 47.020 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. -0.000 min

Lab File: VN076310.D

Acq: 19 Jan 2023 09:47

Instrument :

MSVOA_N

ClientSampleId :

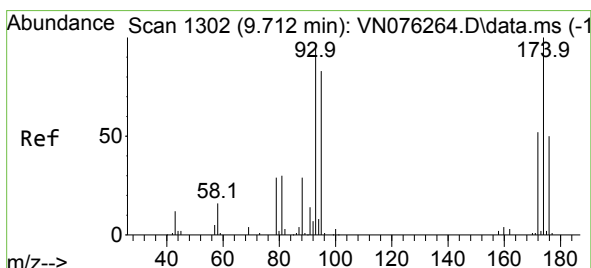
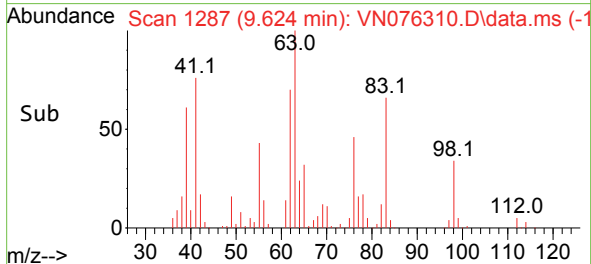
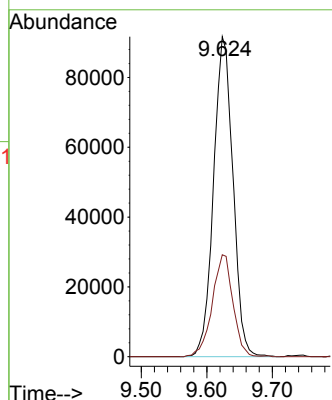
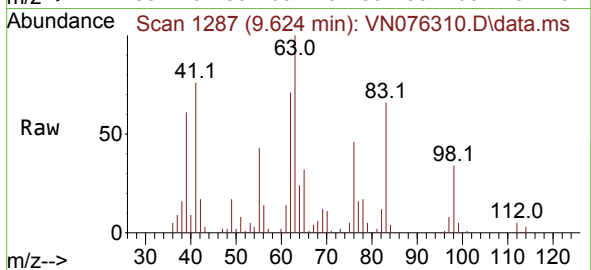
VSTDCCC050

Tgt Ion: 63 Resp: 188166

Ion Ratio Lower Upper

63 100

65 31.9 26.4 39.6



#46

Dibromomethane

Concen: 46.978 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN076310.D

Acq: 19 Jan 2023 09:47

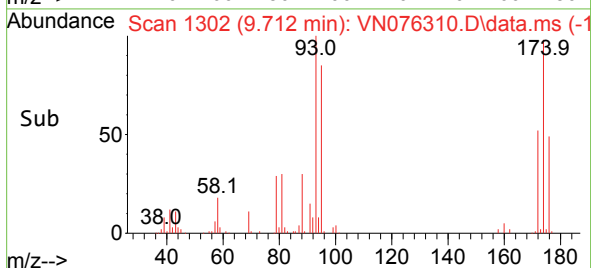
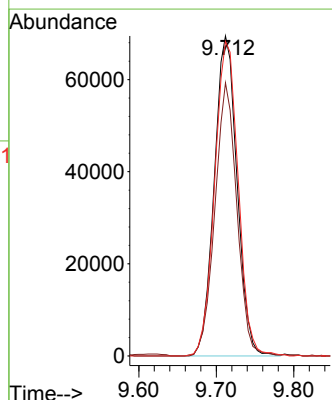
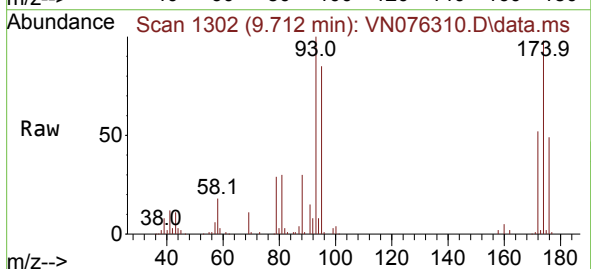
Tgt Ion: 93 Resp: 141940

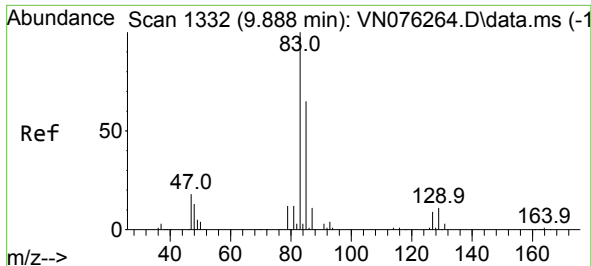
Ion Ratio Lower Upper

93 100

95 82.4 66.0 99.0

174 101.6 81.3 121.9





#47

Bromodichloromethane

Concen: 48.030 ug/l

RT: 9.888 min Scan# 1332

Delta R.T. 0.000 min

Lab File: VN076310.D

Acq: 19 Jan 2023 09:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

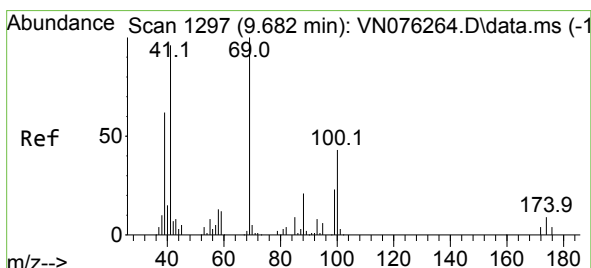
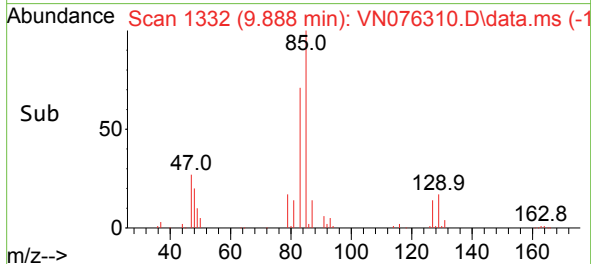
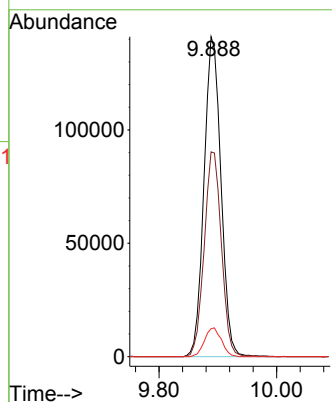
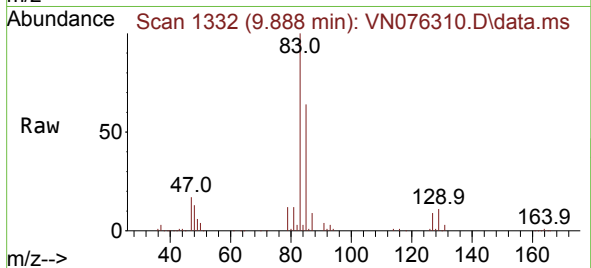
Tgt Ion: 83 Resp: 281458

Ion Ratio Lower Upper

83 100

85 64.0 52.1 78.1

127 8.8 7.4 11.0



#48

Methyl methacrylate

Concen: 45.904 ug/l

RT: 9.682 min Scan# 1297

Delta R.T. 0.000 min

Lab File: VN076310.D

Acq: 19 Jan 2023 09:47

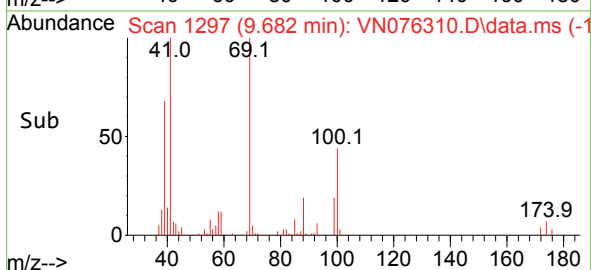
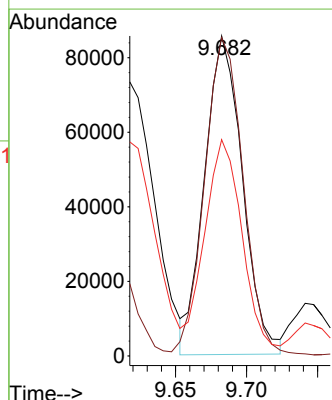
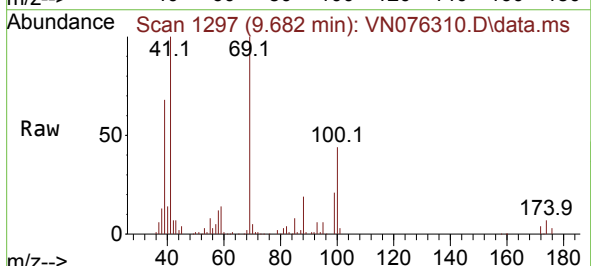
Tgt Ion: 41 Resp: 158509

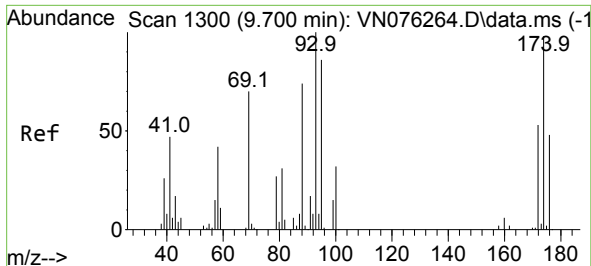
Ion Ratio Lower Upper

41 100

69 101.3 80.8 121.2

39 68.3 54.4 81.6





#49

1,4-Dioxane

Concen: 977.790 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN076310.D

Acq: 19 Jan 2023 09:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

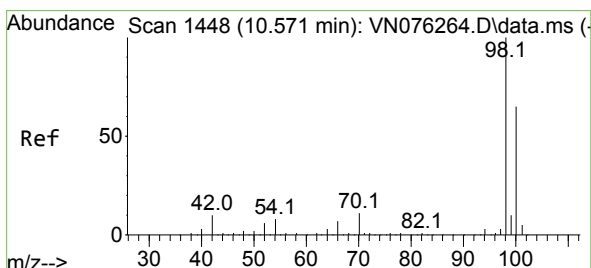
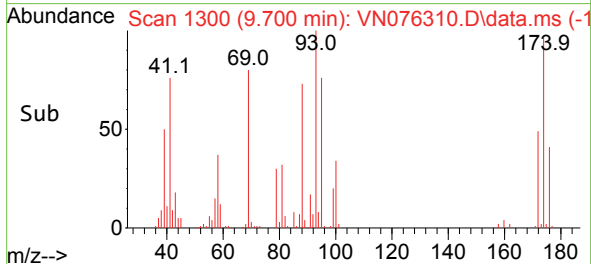
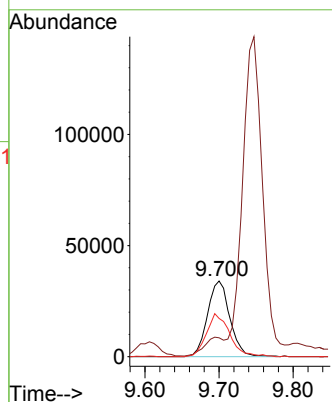
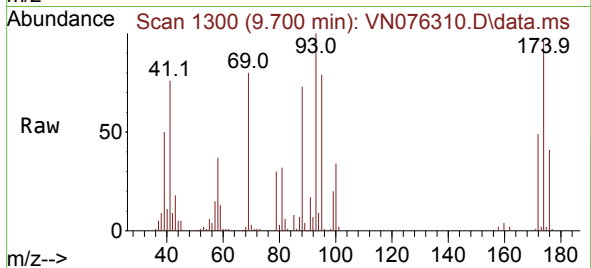
Tgt Ion: 88 Resp: 71243

Ion Ratio Lower Upper

88 100

43 21.2 18.1 27.1

58 59.6 46.5 69.7



#50

Toluene-d8

Concen: 49.217 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN076310.D

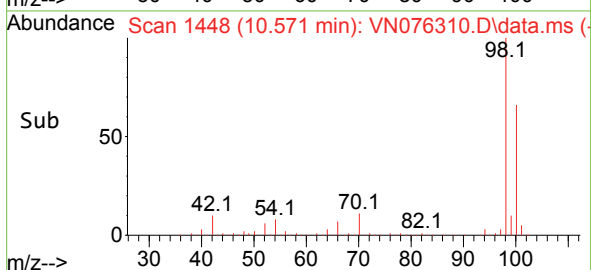
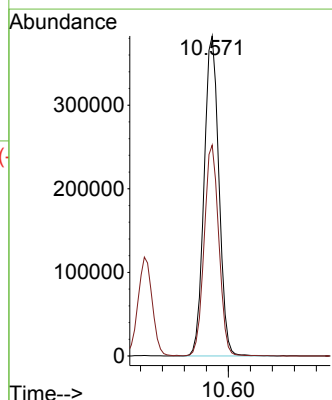
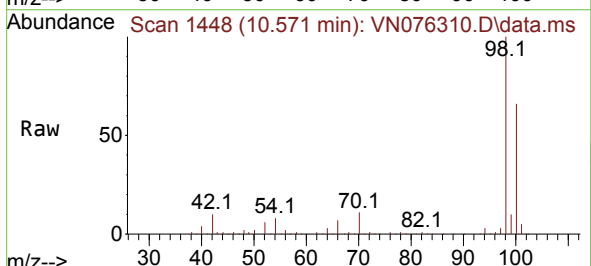
Acq: 19 Jan 2023 09:47

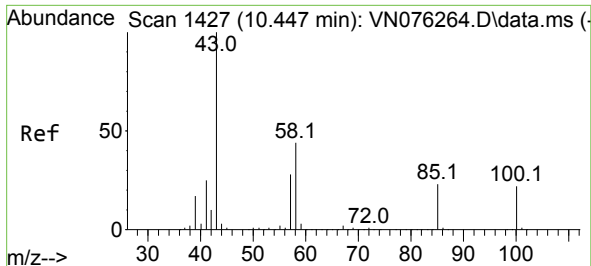
Tgt Ion: 98 Resp: 715023

Ion Ratio Lower Upper

98 100

100 65.1 52.2 78.4

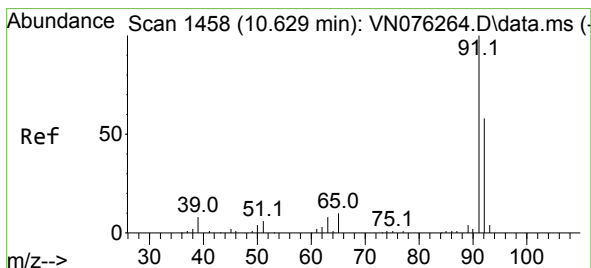
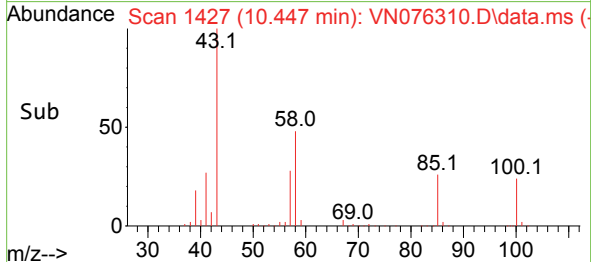
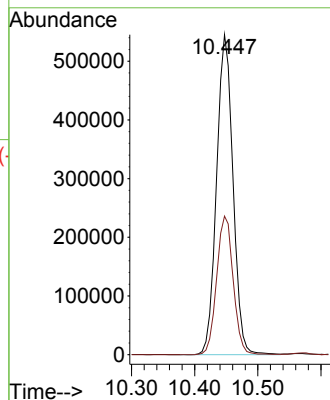
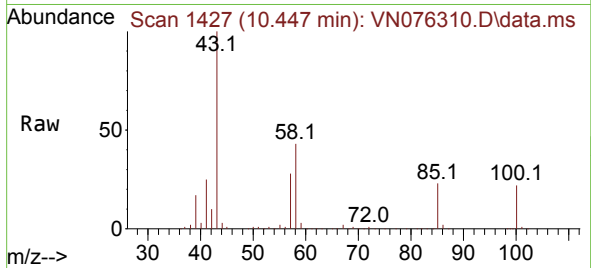




#51
4-Methyl-2-Pentanone
Concen: 229.508 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN076310.D
Acq: 19 Jan 2023 09:47

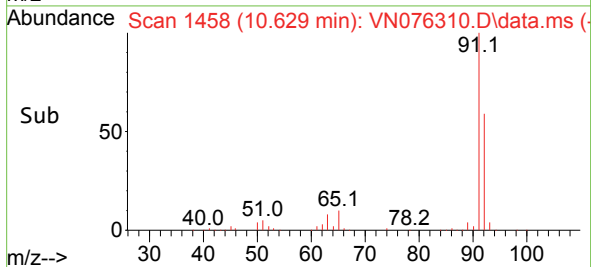
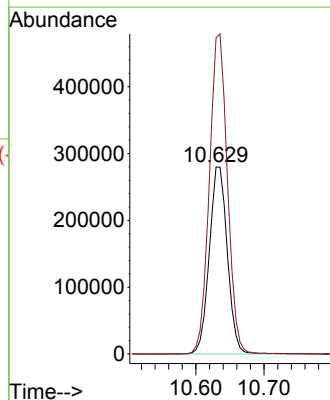
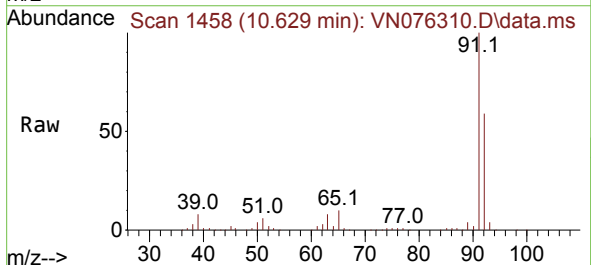
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

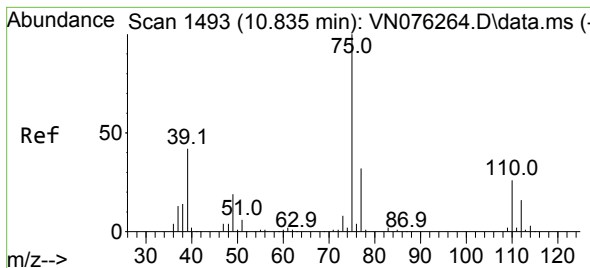
Tgt Ion: 43 Resp: 982704
Ion Ratio Lower Upper
43 100
58 43.7 35.1 52.7



#52
Toluene
Concen: 46.098 ug/l
RT: 10.629 min Scan# 1458
Delta R.T. 0.000 min
Lab File: VN076310.D
Acq: 19 Jan 2023 09:47

Tgt Ion: 92 Resp: 515260
Ion Ratio Lower Upper
92 100
91 171.9 136.6 205.0

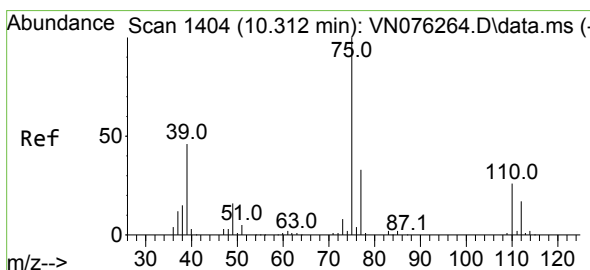
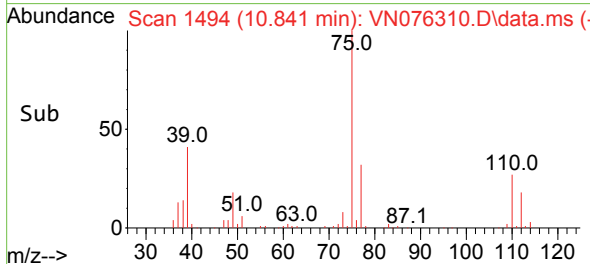
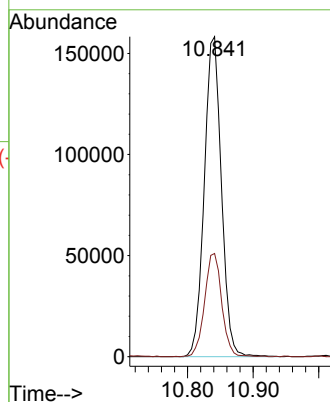
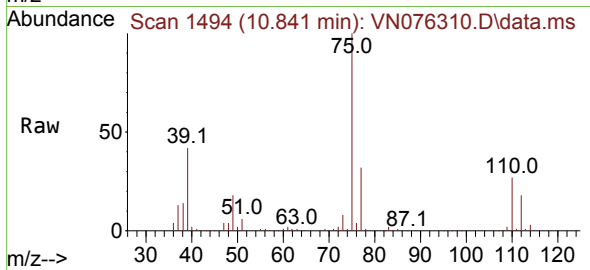




#53
 t-1,3-Dichloropropene
 Concen: 51.505 ug/l
 RT: 10.841 min Scan# 1494
 Delta R.T. 0.006 min
 Lab File: VN076310.D
 Acq: 19 Jan 2023 09:47

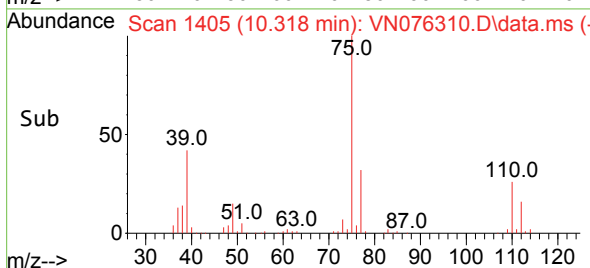
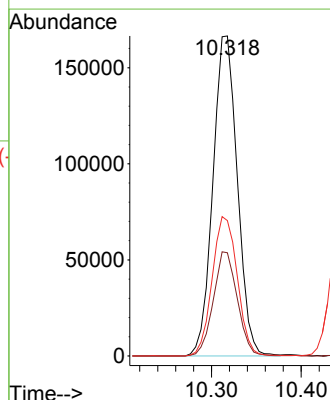
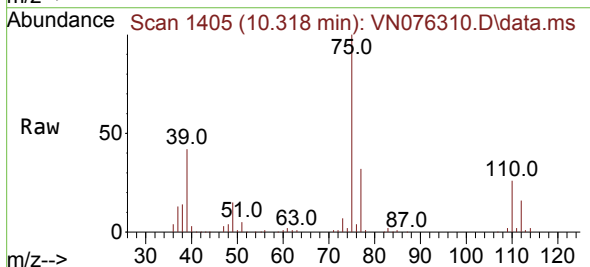
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

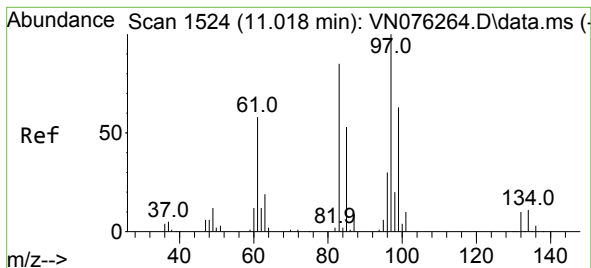
Tgt Ion: 75 Resp: 287723
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.8 38.6



#54
 cis-1,3-Dichloropropene
 Concen: 49.011 ug/l
 RT: 10.318 min Scan# 1405
 Delta R.T. 0.006 min
 Lab File: VN076310.D
 Acq: 19 Jan 2023 09:47

Tgt Ion: 75 Resp: 314987
 Ion Ratio Lower Upper
 75 100
 77 32.3 26.5 39.7
 39 42.3 37.1 55.7





#55

1,1,2-Trichloroethane

Concen: 46.842 ug/l

RT: 11.018 min Scan# 1524

Delta R.T. -0.000 min

Lab File: VN076310.D

Acq: 19 Jan 2023 09:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 200131

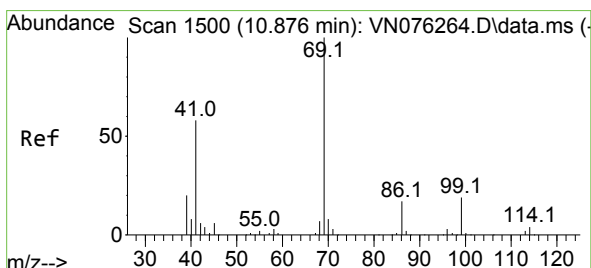
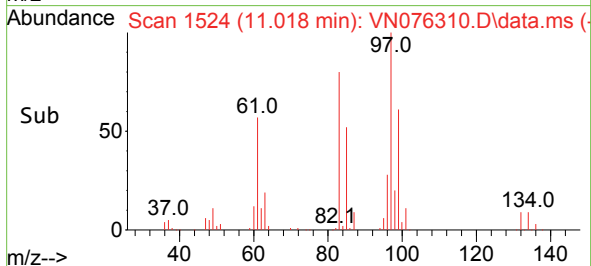
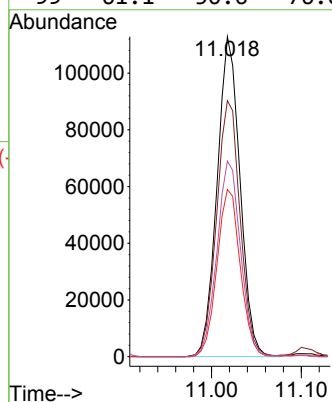
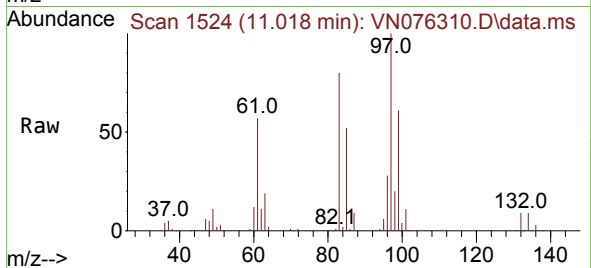
Ion Ratio Lower Upper

97 100

83 80.0 67.8 101.6

85 52.3 42.3 63.5

99 61.1 50.6 76.0



#56

Ethyl methacrylate

Concen: 50.799 ug/l

RT: 10.876 min Scan# 1500

Delta R.T. 0.000 min

Lab File: VN076310.D

Acq: 19 Jan 2023 09:47

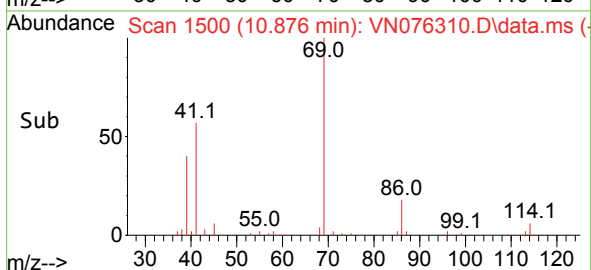
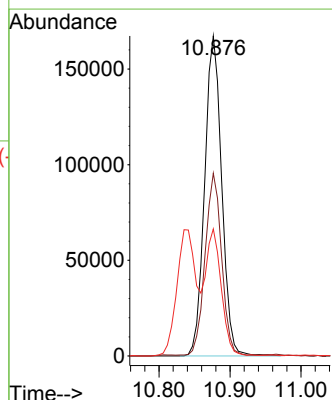
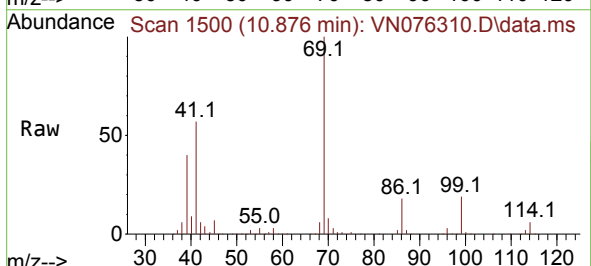
Tgt Ion: 69 Resp: 280201

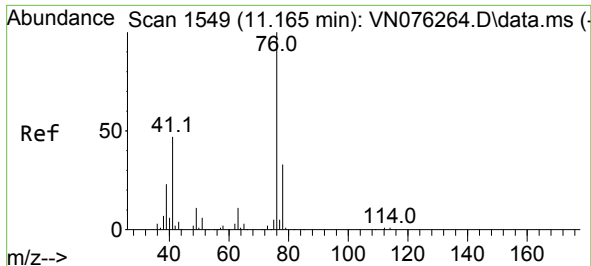
Ion Ratio Lower Upper

69 100

41 54.6 45.3 67.9

39 35.4 29.3 43.9

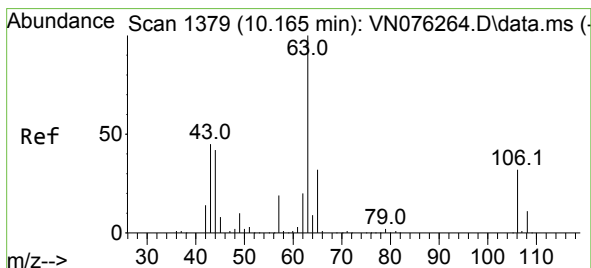
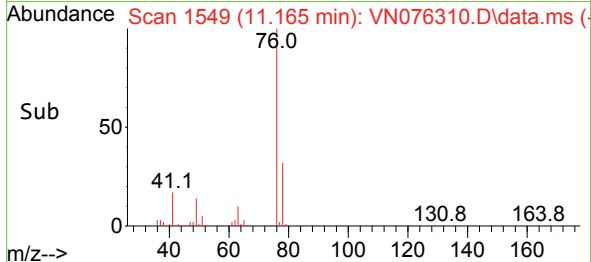
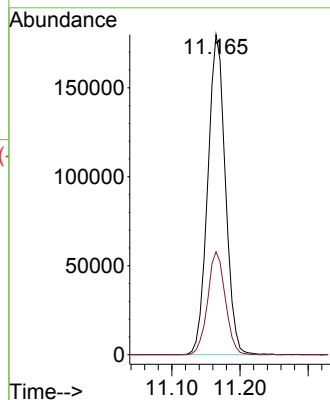
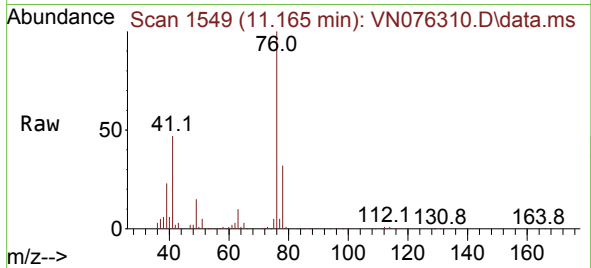




#57
1,3-Dichloropropane
Concen: 46.527 ug/l
RT: 11.165 min Scan# 1549
Delta R.T. -0.000 min
Lab File: VN076310.D
Acq: 19 Jan 2023 09:47

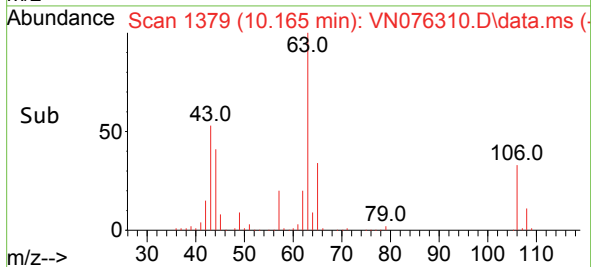
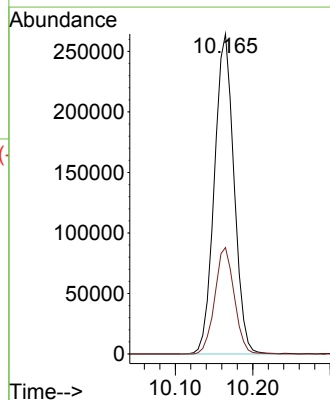
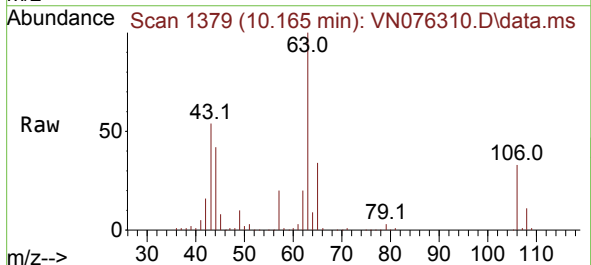
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

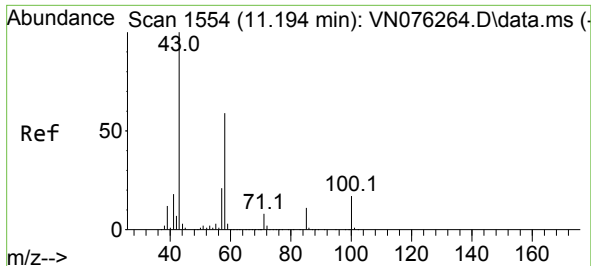
Tgt Ion: 76 Resp: 323044
Ion Ratio Lower Upper
76 100
78 32.3 26.4 39.6



#58
2-Chloroethyl Vinyl ether
Concen: 248.981 ug/l
RT: 10.165 min Scan# 1379
Delta R.T. -0.000 min
Lab File: VN076310.D
Acq: 19 Jan 2023 09:47

Tgt Ion: 63 Resp: 463632
Ion Ratio Lower Upper
63 100
106 33.0 26.2 39.2

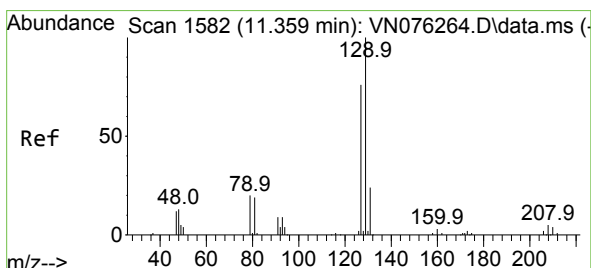
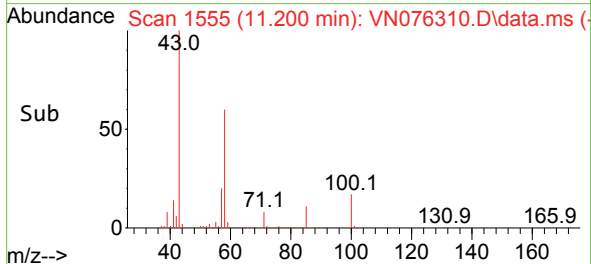
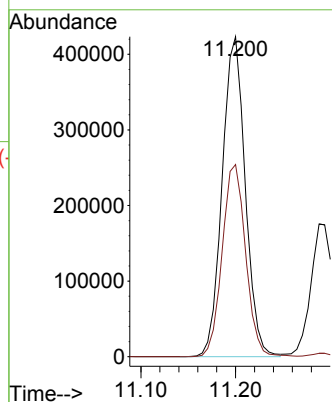
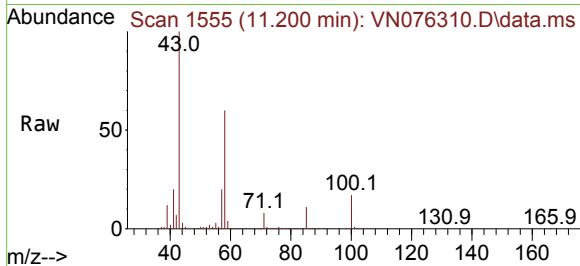




#59
2-Hexanone
Concen: 231.229 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.006 min
Lab File: VN076310.D
Acq: 19 Jan 2023 09:47

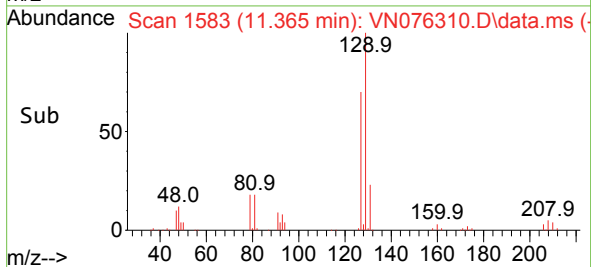
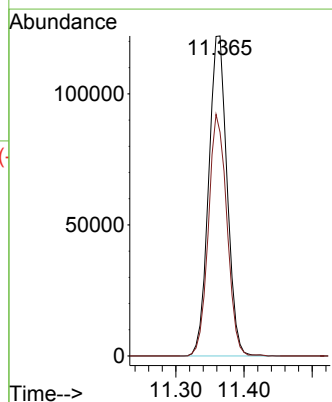
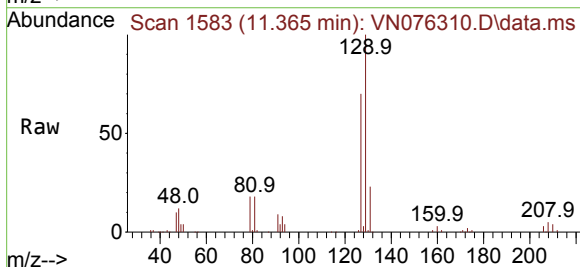
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

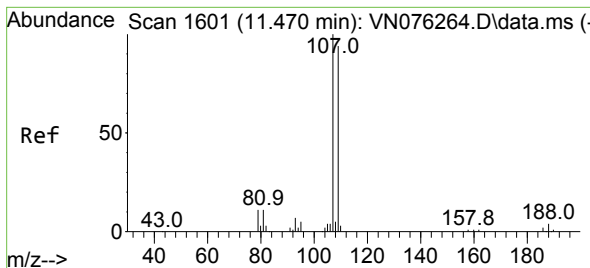
Tgt Ion: 43 Resp: 717462
Ion Ratio Lower Upper
43 100
58 61.0 30.1 90.3



#60
Dibromochloromethane
Concen: 51.052 ug/l
RT: 11.365 min Scan# 1583
Delta R.T. 0.006 min
Lab File: VN076310.D
Acq: 19 Jan 2023 09:47

Tgt Ion:129 Resp: 229610
Ion Ratio Lower Upper
129 100
127 75.6 38.7 116.1

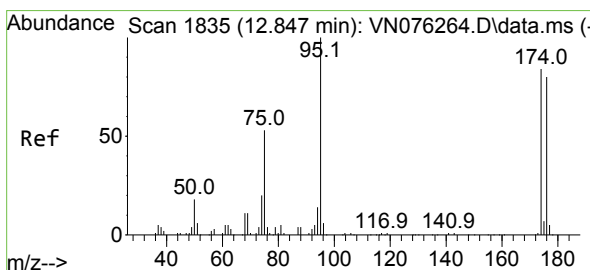
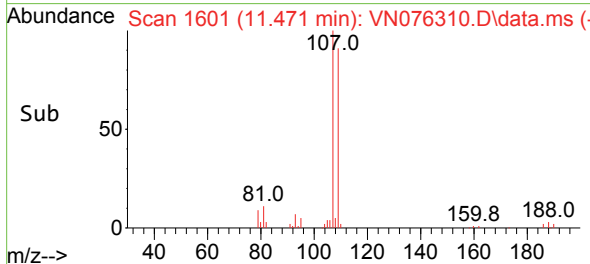
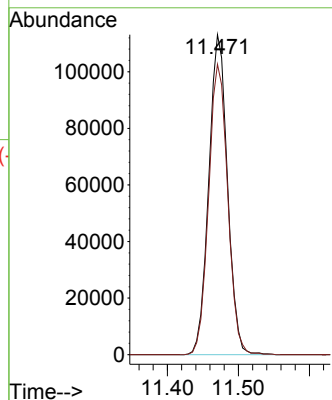
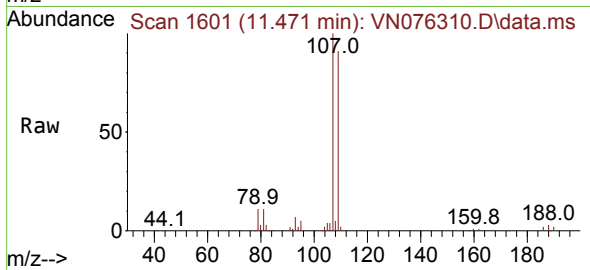




#61
1,2-Dibromoethane
Concen: 48.489 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. 0.001 min
Lab File: VN076310.D
Acq: 19 Jan 2023 09:47

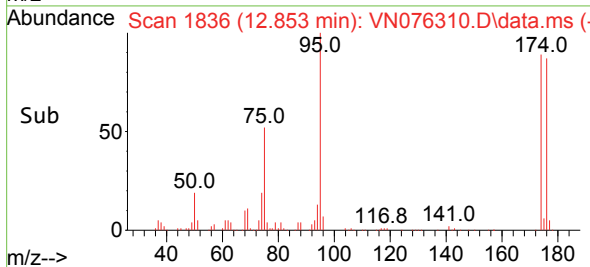
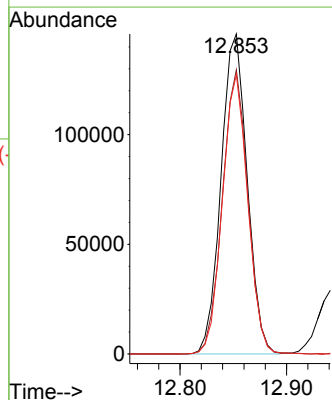
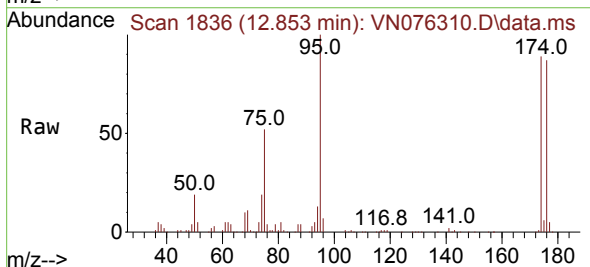
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

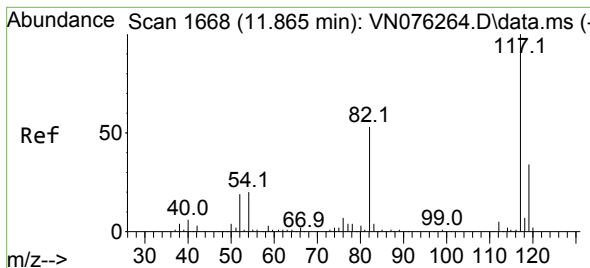
Tgt Ion:107 Resp: 206789
Ion Ratio Lower Upper
107 100
109 92.7 76.0 114.0



#62
4-Bromofluorobenzene
Concen: 52.476 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN076310.D
Acq: 19 Jan 2023 09:47

Tgt Ion: 95 Resp: 248878
Ion Ratio Lower Upper
95 100
174 86.7 0.0 174.6
176 84.5 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: VN076310.D

Acq: 19 Jan 2023 09:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

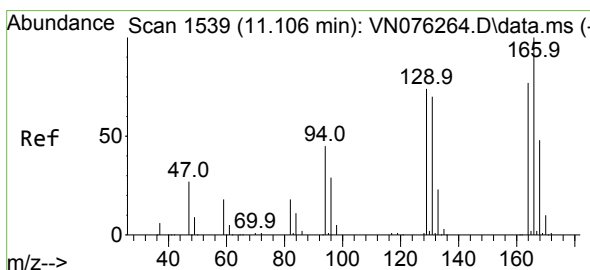
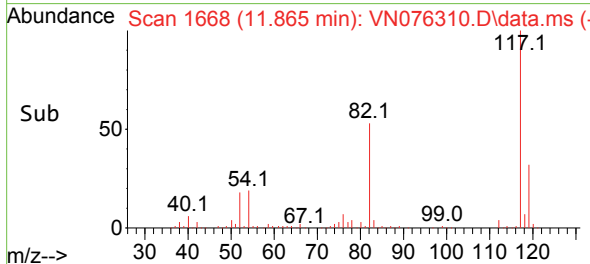
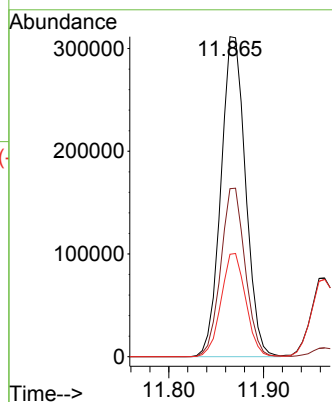
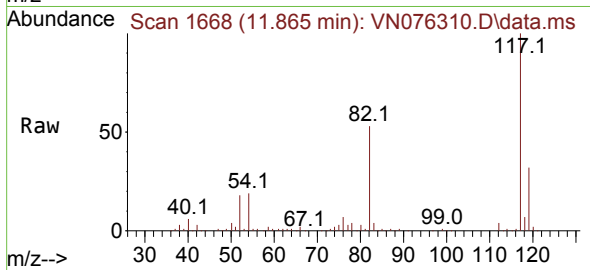
Tgt Ion:117 Resp: 562362

Ion Ratio Lower Upper

117 100

82 52.5 42.2 63.2

119 32.0 26.9 40.3



#64

Tetrachloroethene

Concen: 45.790 ug/l

RT: 11.106 min Scan# 1539

Delta R.T. -0.000 min

Lab File: VN076310.D

Acq: 19 Jan 2023 09:47

Tgt Ion:164 Resp: 232220

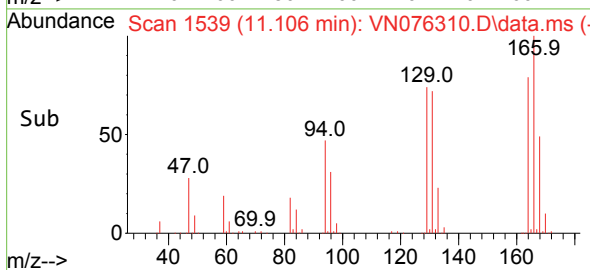
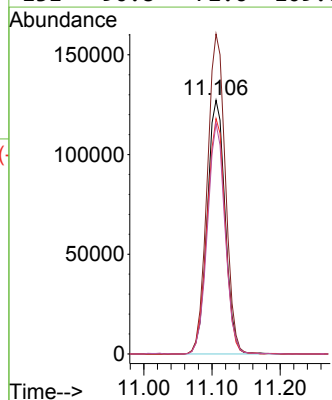
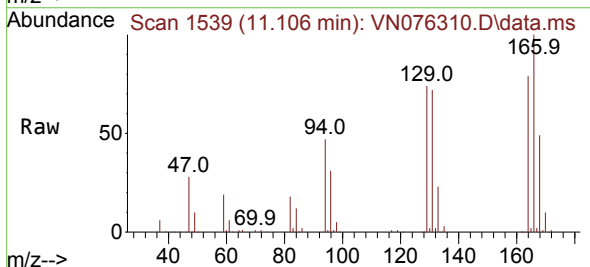
Ion Ratio Lower Upper

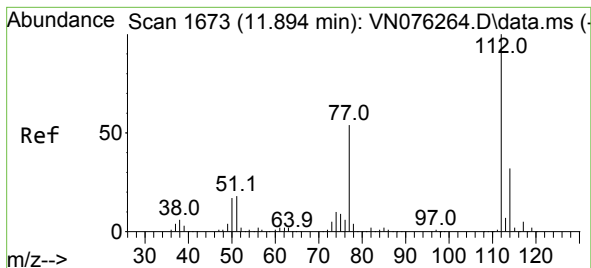
164 100

166 126.1 104.0 156.0

129 92.8 76.6 114.8

131 90.8 72.6 109.0





#65

Chlorobenzene

Concen: 47.192 ug/l

RT: 11.894 min Scan# 1673

Delta R.T. 0.000 min

Lab File: VN076310.D

Acq: 19 Jan 2023 09:47

Instrument :

MSVOA_N

ClientSampleId :

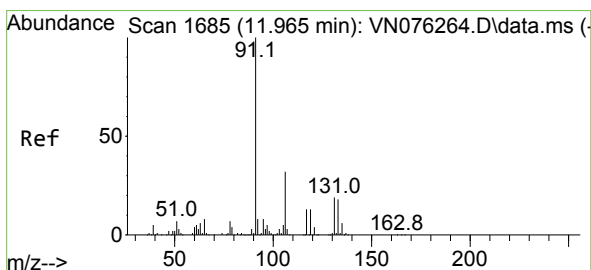
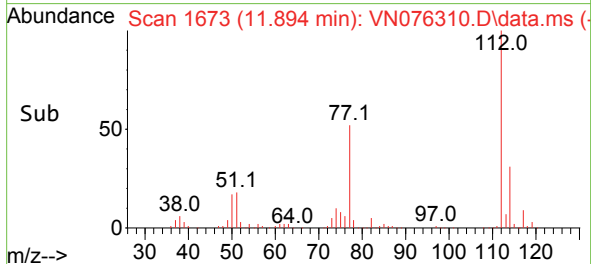
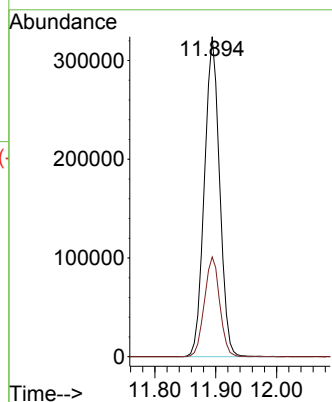
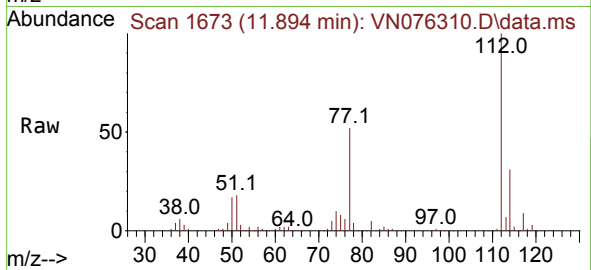
VSTDCCC050

Tgt Ion:112 Resp: 560996

Ion Ratio Lower Upper

112 100

114 31.1 25.3 37.9



#66

1,1,1,2-Tetrachloroethane

Concen: 48.013 ug/l

RT: 11.965 min Scan# 1685

Delta R.T. -0.000 min

Lab File: VN076310.D

Acq: 19 Jan 2023 09:47

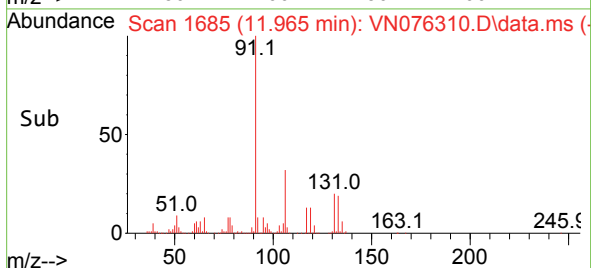
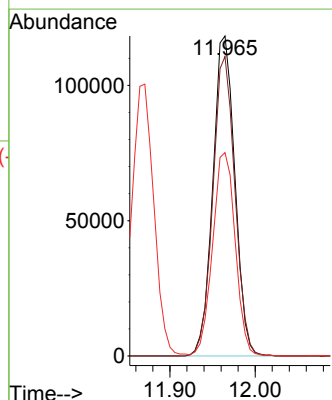
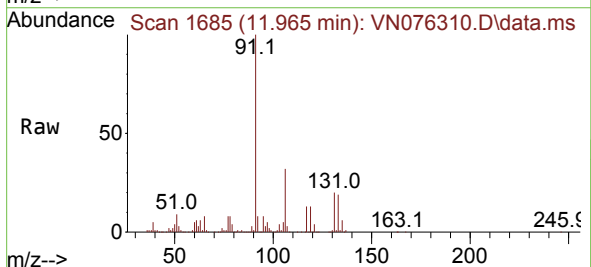
Tgt Ion:131 Resp: 212360

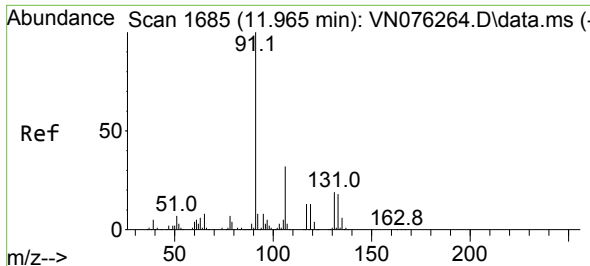
Ion Ratio Lower Upper

131 100

133 93.7 47.4 142.2

119 65.3 32.3 96.8

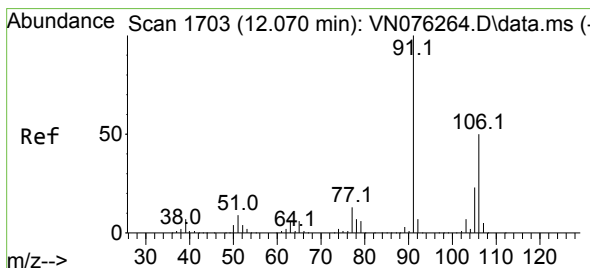
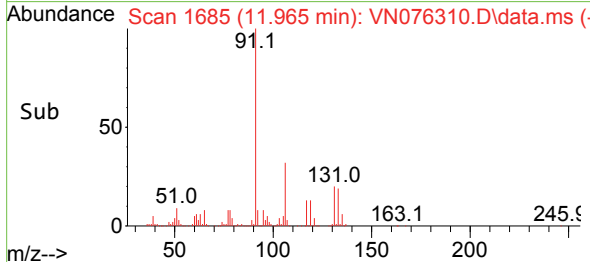
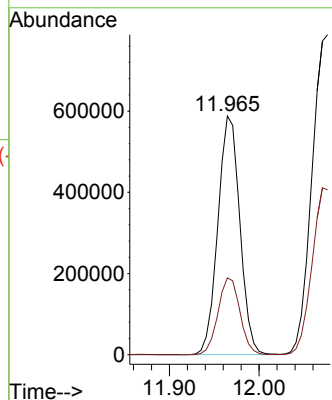
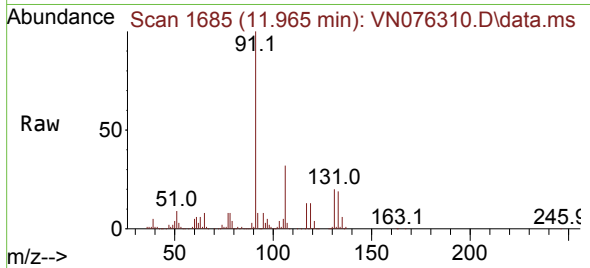




#67
Ethyl Benzene
Concen: 49.134 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN076310.D
Acq: 19 Jan 2023 09:47

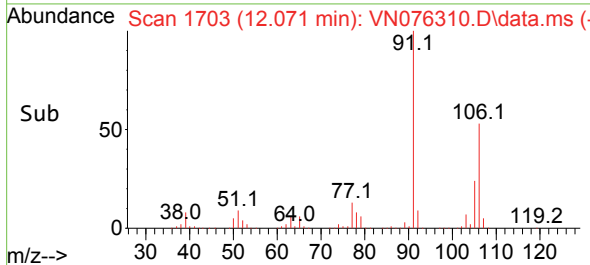
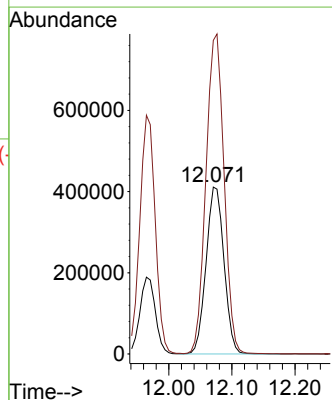
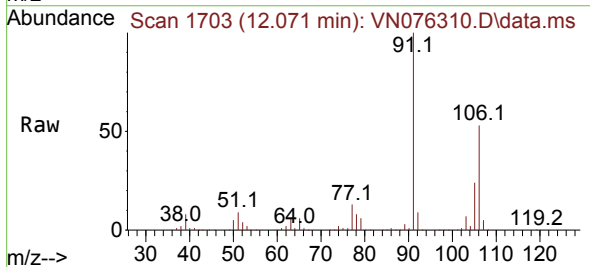
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

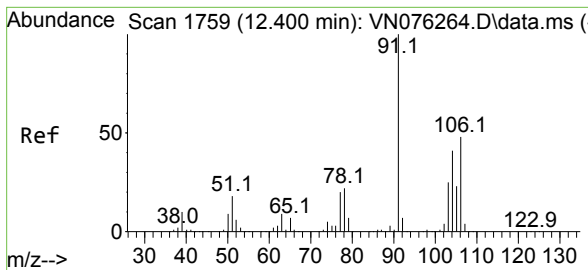
Tgt Ion: 91 Resp: 999644
Ion Ratio Lower Upper
91 100
106 32.1 25.5 38.3



#68
m/p-Xylenes
Concen: 99.284 ug/l
RT: 12.071 min Scan# 1703
Delta R.T. 0.001 min
Lab File: VN076310.D
Acq: 19 Jan 2023 09:47

Tgt Ion:106 Resp: 809982
Ion Ratio Lower Upper
106 100
91 193.7 157.5 236.3

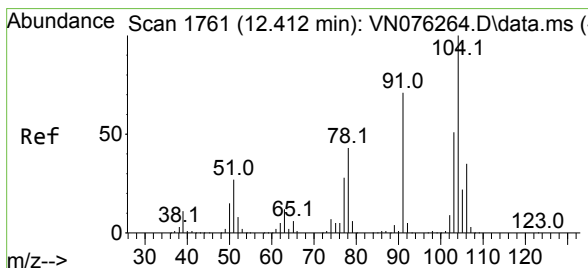
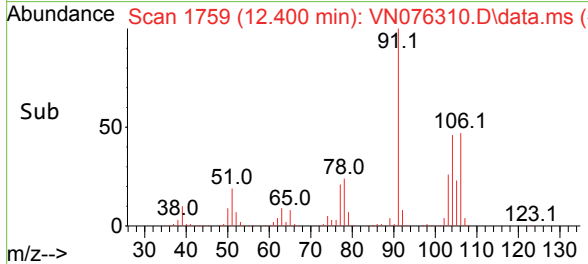
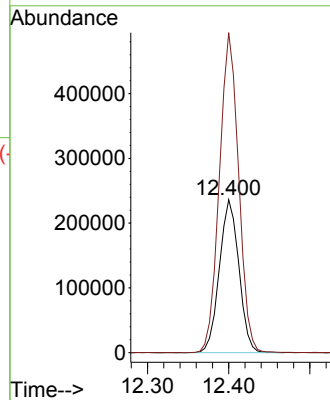
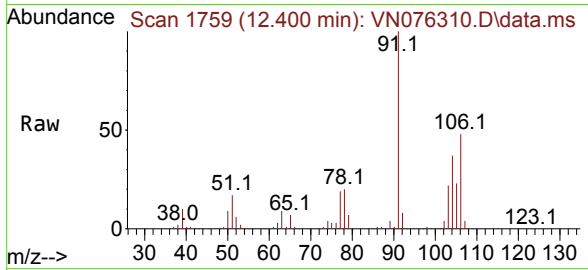




#69
o-Xylene
Concen: 49.274 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN076310.D
Acq: 19 Jan 2023 09:47

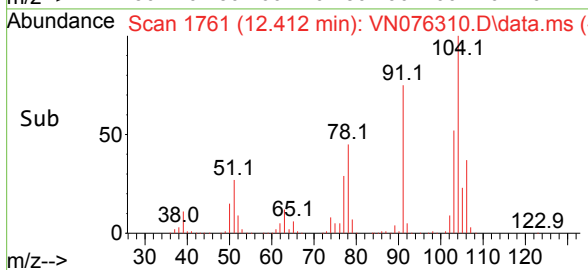
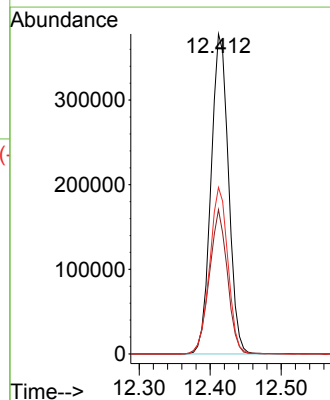
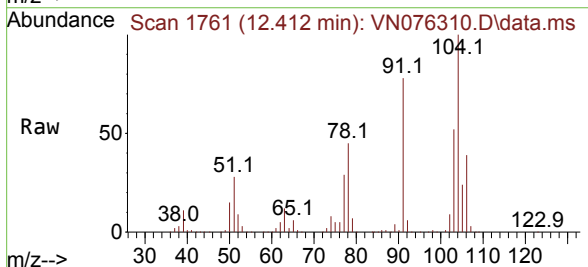
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

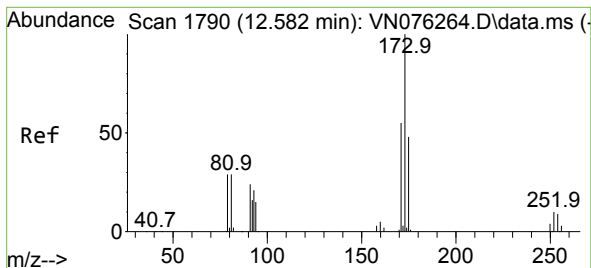
Tgt Ion:106 Resp: 394766
Ion Ratio Lower Upper
106 100
91 207.0 103.2 309.4



#70
Styrene
Concen: 50.638 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN076310.D
Acq: 19 Jan 2023 09:47

Tgt Ion:104 Resp: 647773
Ion Ratio Lower Upper
104 100
78 46.4 37.4 56.0
103 54.4 44.2 66.2





#71

Bromoform

Concen: 50.694 ug/l

RT: 12.582 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN076310.D

Acq: 19 Jan 2023 09:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

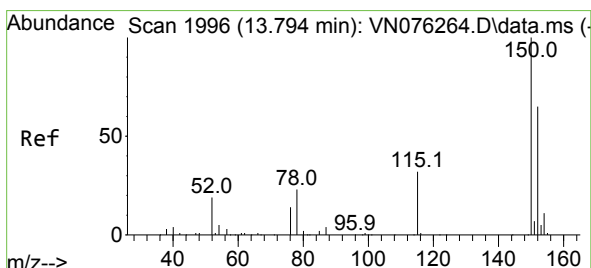
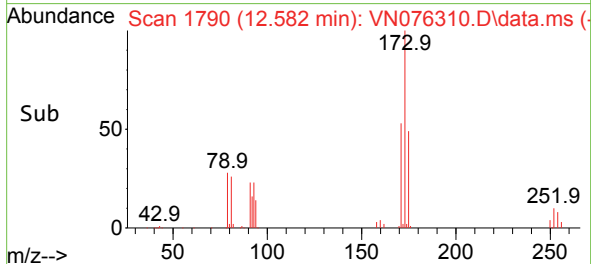
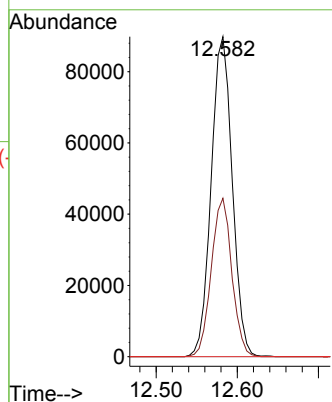
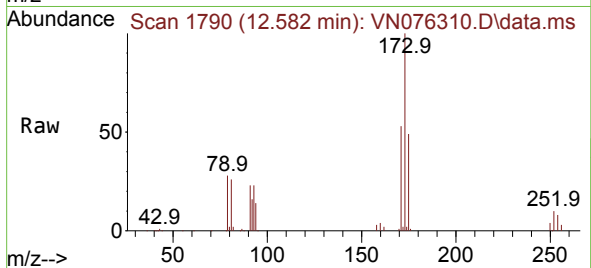
Tgt Ion:173 Resp: 161924

Ion Ratio Lower Upper

173 100

175 48.3 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: VN076310.D

Acq: 19 Jan 2023 09:47

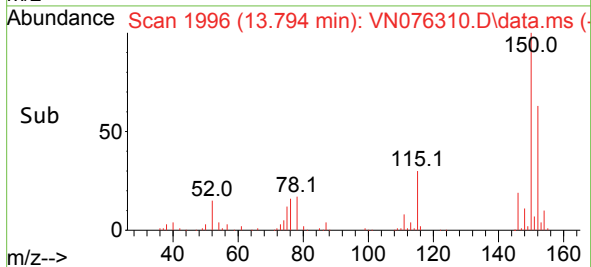
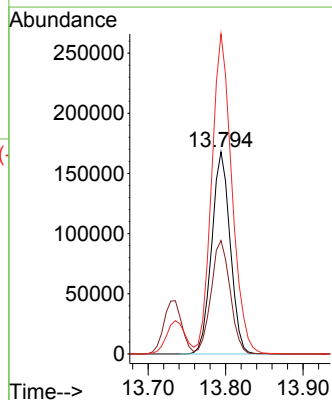
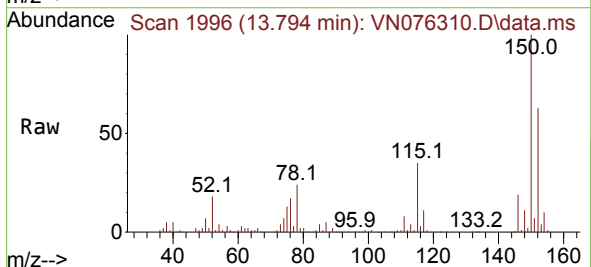
Tgt Ion:152 Resp: 279095

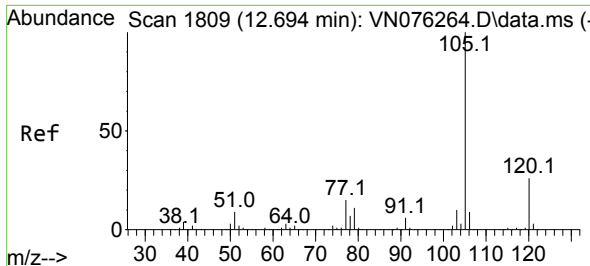
Ion Ratio Lower Upper

152 100

115 57.9 29.6 88.9

150 173.2 0.0 351.4

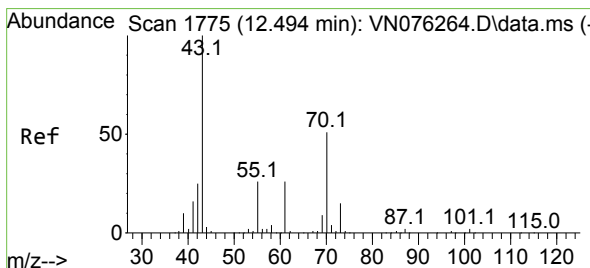
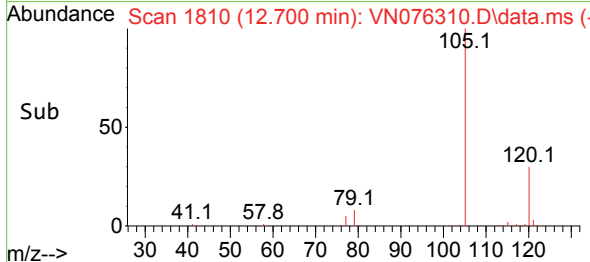
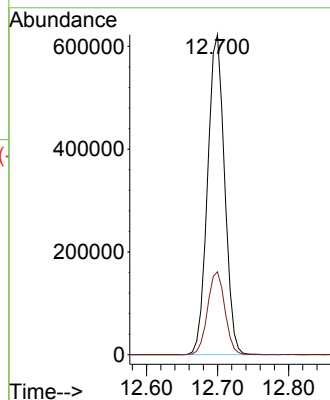
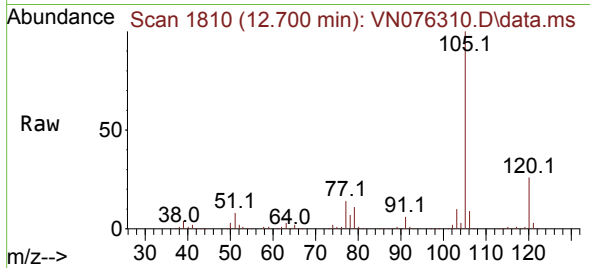




#73
Isopropylbenzene
Concen: 47.897 ug/l
RT: 12.700 min Scan# 1809
Delta R.T. 0.006 min
Lab File: VN076310.D
Acq: 19 Jan 2023 09:47

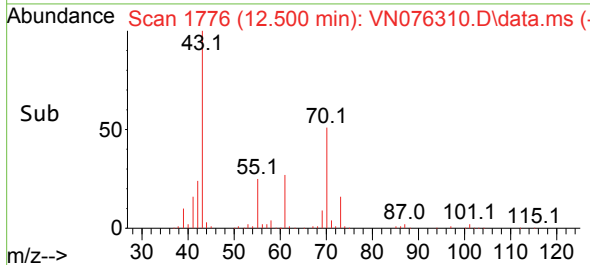
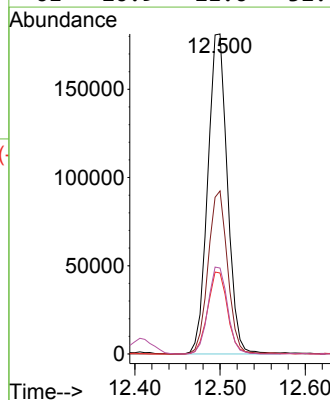
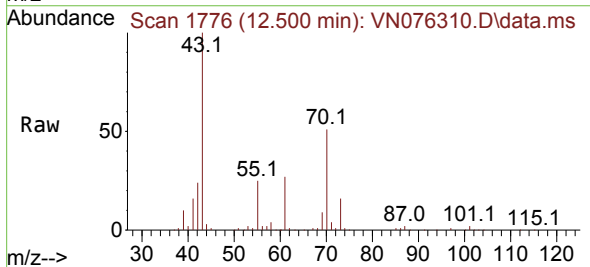
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

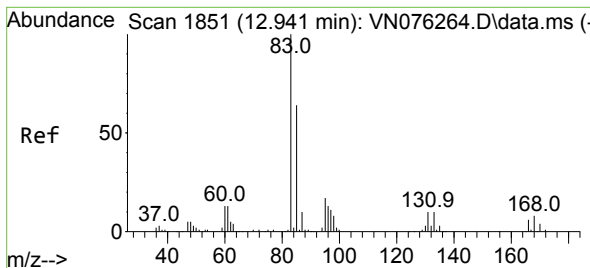
Tgt Ion:105 Resp: 1034132
Ion Ratio Lower Upper
105 100
120 26.4 13.4 40.1



#74
N-ethyl acetate
Concen: 46.825 ug/l
RT: 12.500 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN076310.D
Acq: 19 Jan 2023 09:47

Tgt Ion: 43 Resp: 290810
Ion Ratio Lower Upper
43 100
70 50.4 41.2 61.8
55 25.9 21.0 31.6
61 26.9 21.6 32.4

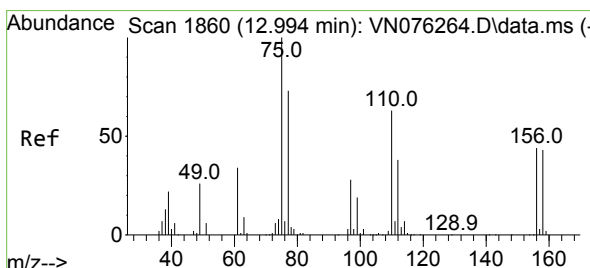
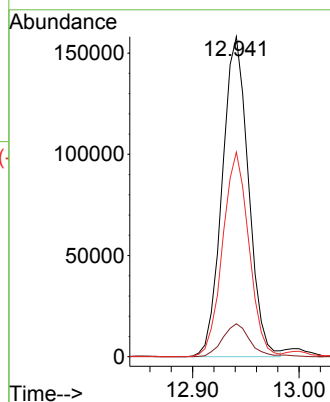
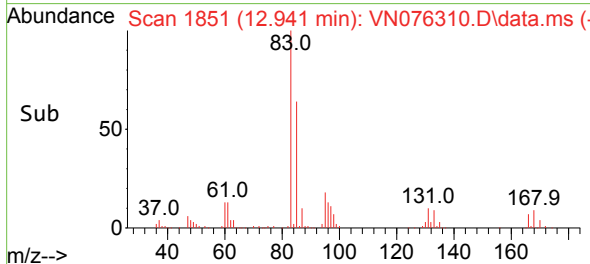
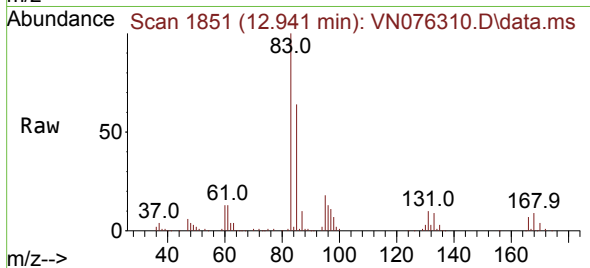




#75
1,1,2,2-Tetrachloroethane
Concen: 43.621 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN076310.D
Acq: 19 Jan 2023 09:47

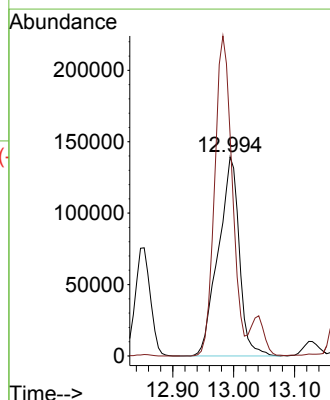
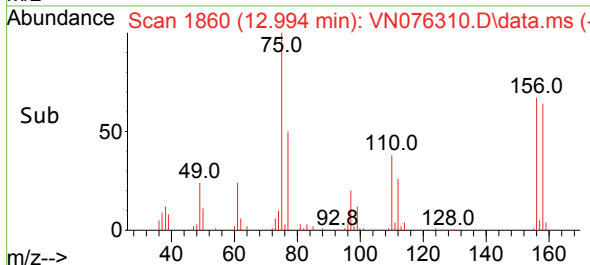
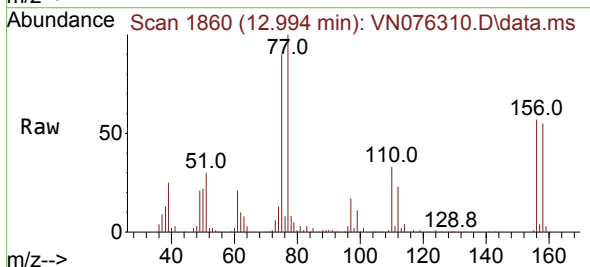
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

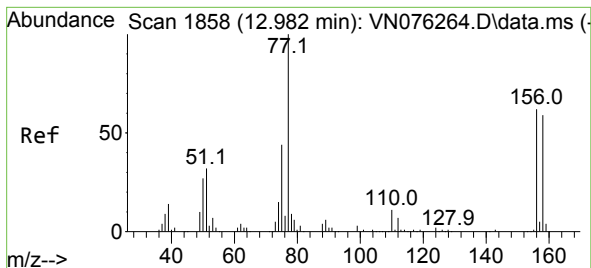
Tgt Ion: 83 Resp: 270743
Ion Ratio Lower Upper
83 100
131 10.8 5.5 16.4
85 63.9 31.7 95.1



#76
1,2,3-Trichloropropane
Concen: 66.122 ug/l
RT: 12.994 min Scan# 1860
Delta R.T. -0.000 min
Lab File: VN076310.D
Acq: 19 Jan 2023 09:47

Tgt Ion: 75 Resp: 334639
Ion Ratio Lower Upper
75 100
77 132.9 75.2 225.6





#77

Bromobenzene

Concen: 48.931 ug/l

RT: 12.982 min Scan# 1858

Delta R.T. 0.000 min

Lab File: VN076310.D

Acq: 19 Jan 2023 09:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

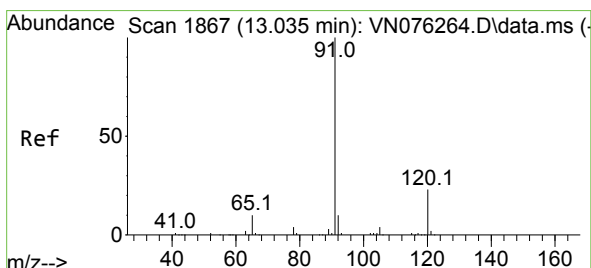
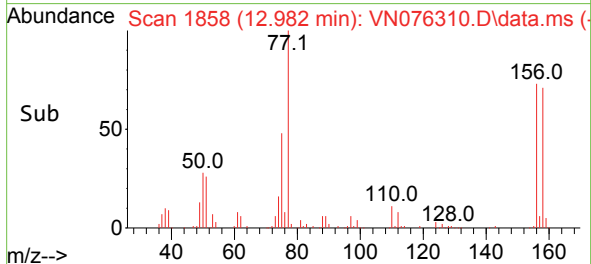
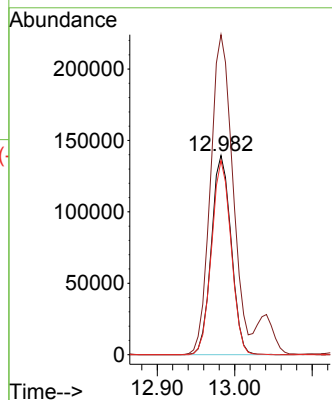
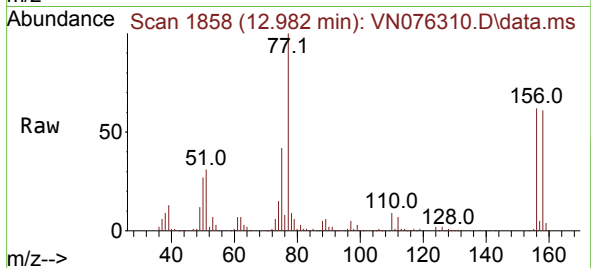
Tgt Ion:156 Resp: 247058

Ion Ratio Lower Upper

156 100

77 180.0 93.4 280.2

158 96.1 48.4 145.2



#78

n-propylbenzene

Concen: 47.977 ug/l

RT: 13.041 min Scan# 1868

Delta R.T. 0.006 min

Lab File: VN076310.D

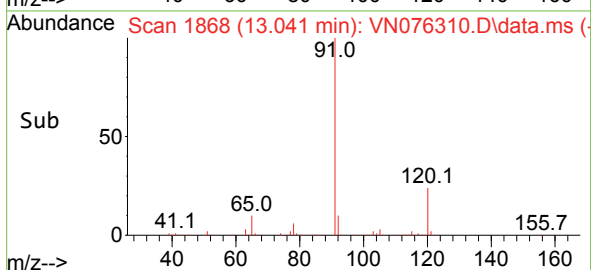
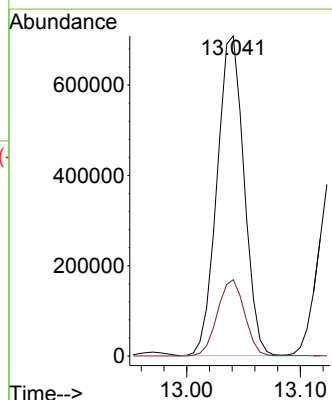
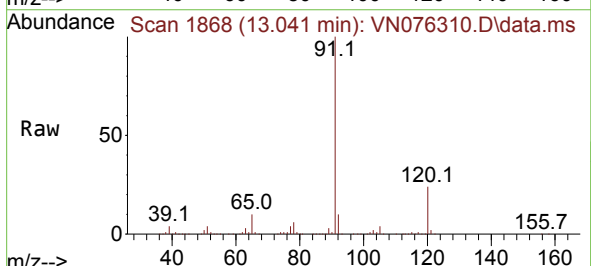
Acq: 19 Jan 2023 09:47

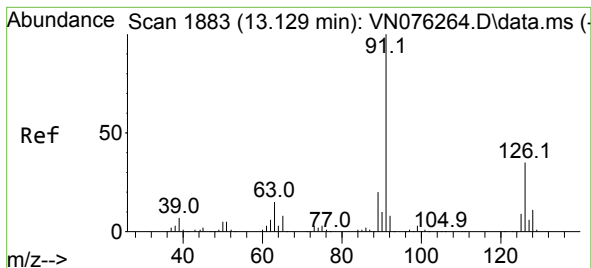
Tgt Ion: 91 Resp: 1168814

Ion Ratio Lower Upper

91 100

120 23.9 11.9 35.5





#79

2-Chlorotoluene

Concen: 45.828 ug/l

RT: 13.129 min Scan# 1883

Delta R.T. 0.000 min

Lab File: VN076310.D

Acq: 19 Jan 2023 09:47

Instrument :

MSVOA_N

ClientSampleId :

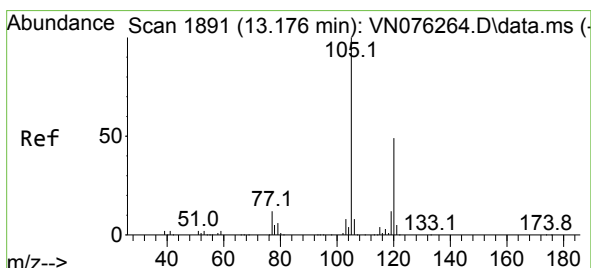
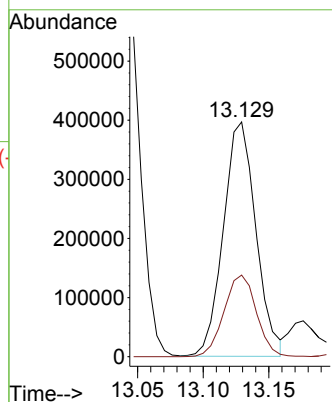
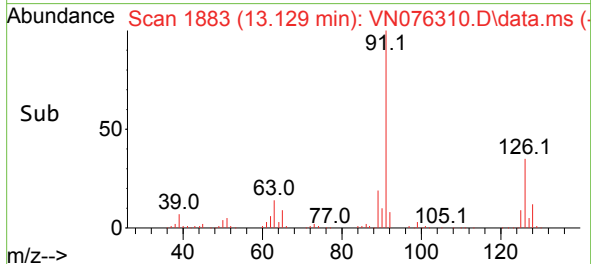
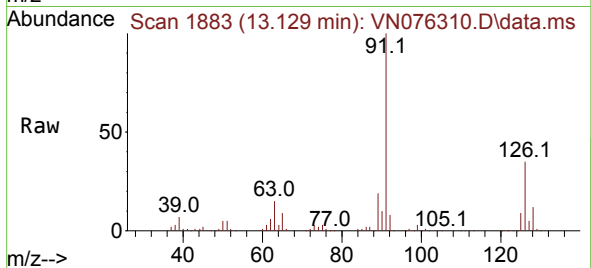
VSTDCCC050

Tgt Ion: 91 Resp: 685095

Ion Ratio Lower Upper

91 100

126 34.7 17.4 52.2



#80

1,3,5-Trimethylbenzene

Concen: 48.403 ug/l

RT: 13.176 min Scan# 1891

Delta R.T. 0.000 min

Lab File: VN076310.D

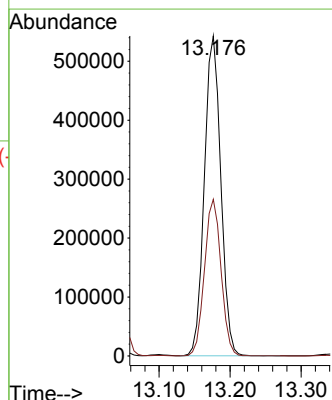
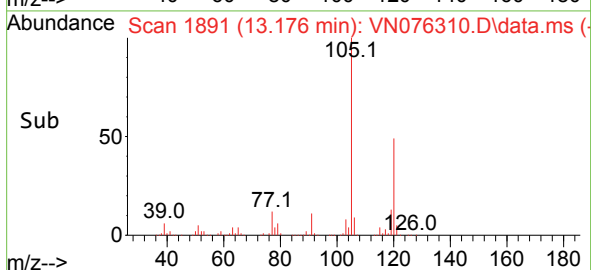
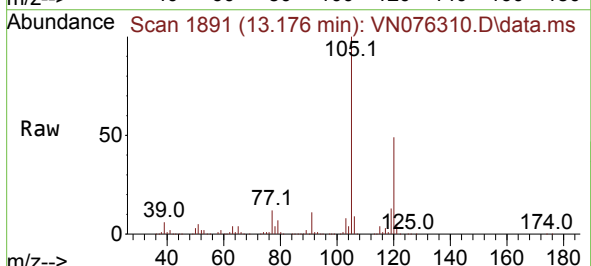
Acq: 19 Jan 2023 09:47

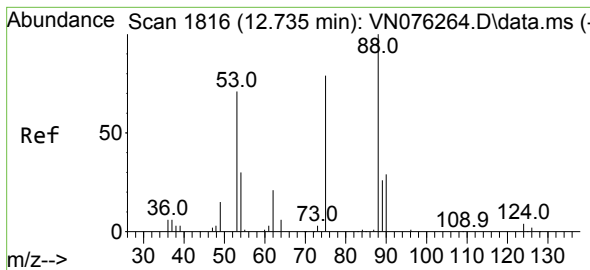
Tgt Ion: 105 Resp: 875503

Ion Ratio Lower Upper

105 100

120 49.1 25.0 75.0

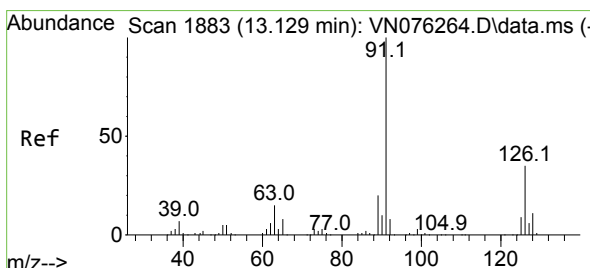
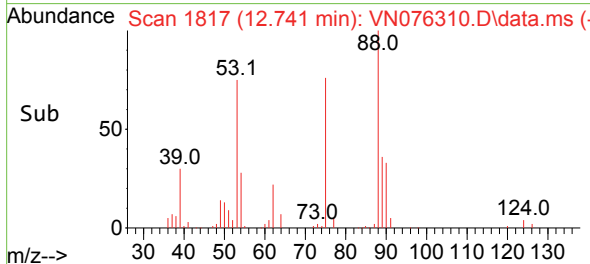
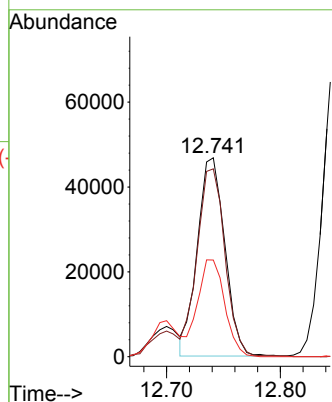
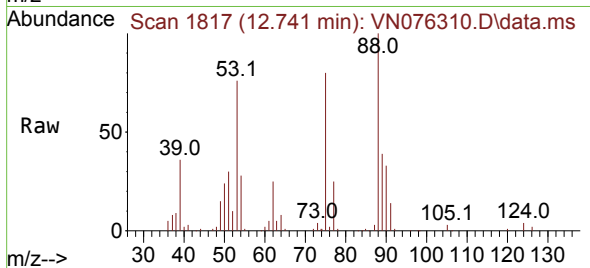




#81
trans-1,4-Dichloro-2-butene
Concen: 46.837 ug/l
RT: 12.741 min Scan# 1816
Delta R.T. 0.006 min
Lab File: VN076310.D
Acq: 19 Jan 2023 09:47

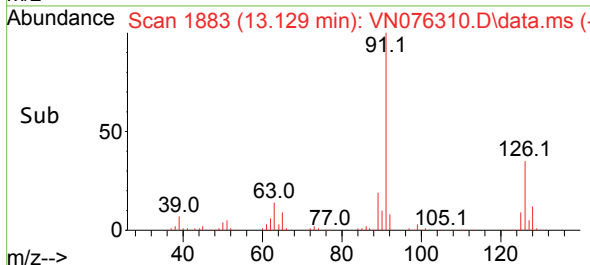
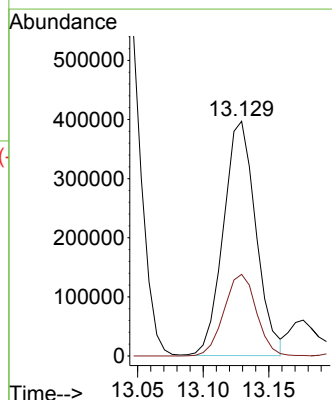
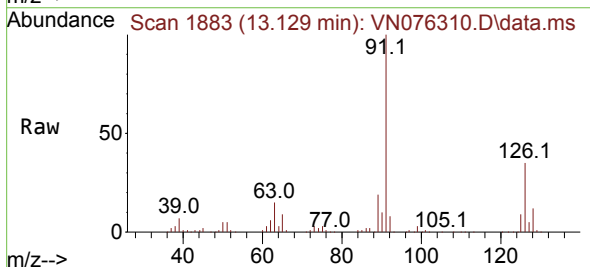
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

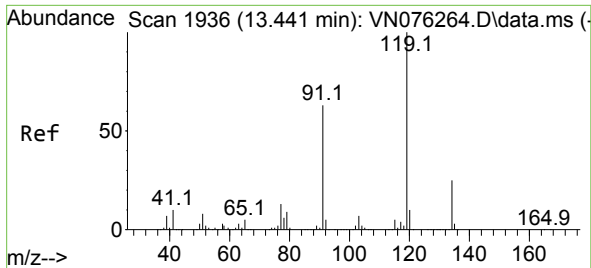
Tgt Ion: 75 Resp: 78565
Ion Ratio Lower Upper
75 100
53 96.7 75.8 113.8
89 47.2 37.0 55.6



#82
4-Chlorotoluene
Concen: 45.828 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN076310.D
Acq: 19 Jan 2023 09:47

Tgt Ion: 91 Resp: 685095
Ion Ratio Lower Upper
91 100
126 34.7 17.4 52.2

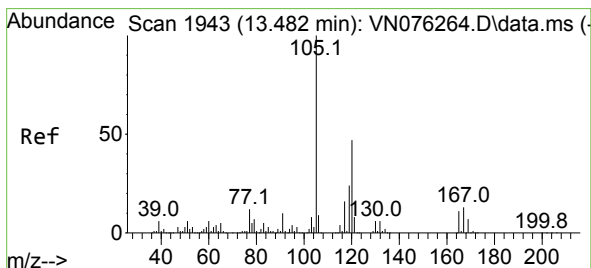
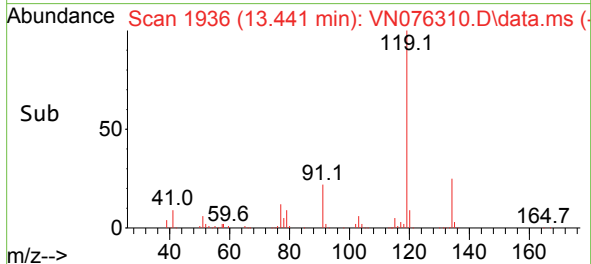
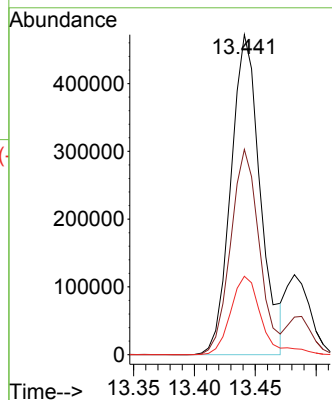
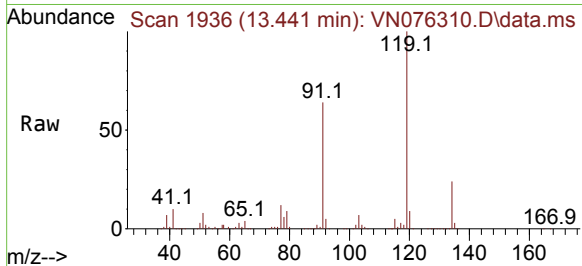




#83
tert-Butylbenzene
Concen: 49.267 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. 0.000 min
Lab File: VN076310.D
Acq: 19 Jan 2023 09:47

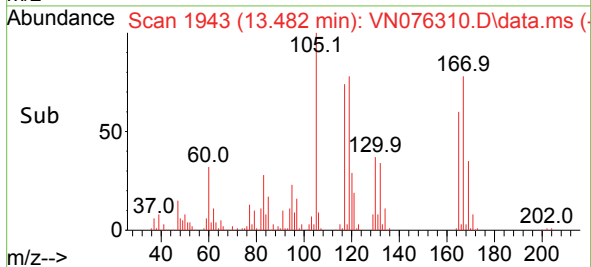
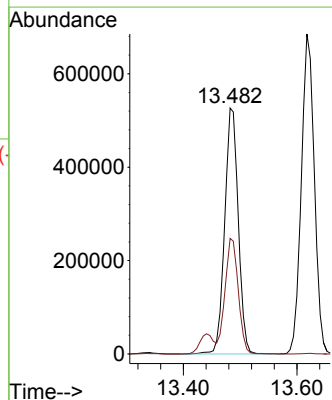
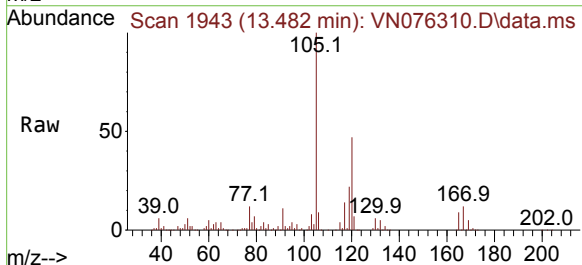
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

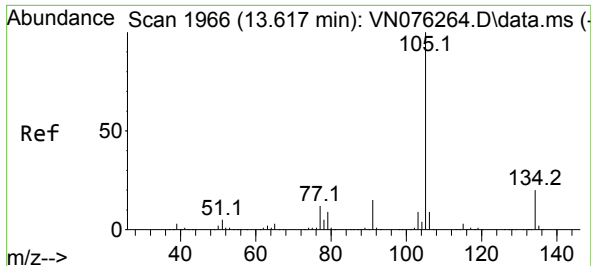
Tgt Ion:119 Resp: 792583
Ion Ratio Lower Upper
119 100
91 62.8 32.2 96.6
134 25.8 13.6 40.8



#84
1,2,4-Trimethylbenzene
Concen: 48.361 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN076310.D
Acq: 19 Jan 2023 09:47

Tgt Ion:105 Resp: 877139
Ion Ratio Lower Upper
105 100
120 45.8 22.9 68.5

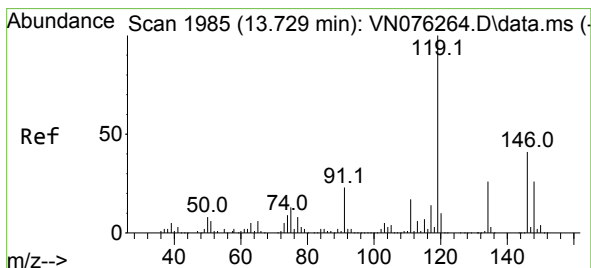
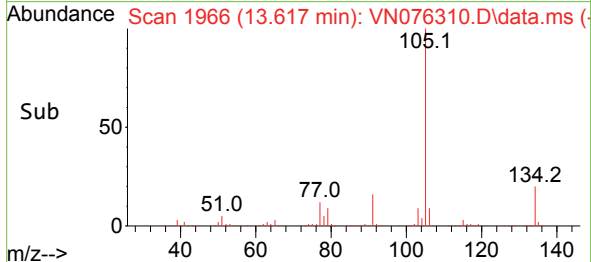
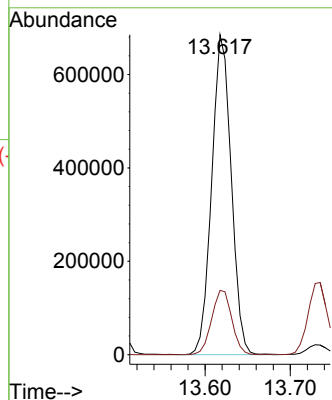
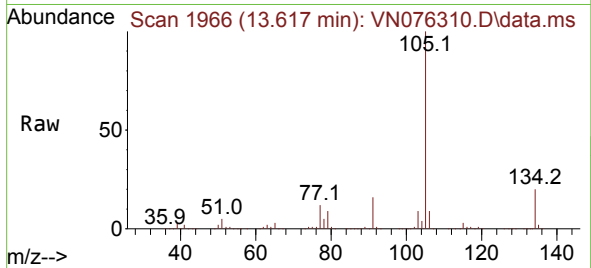




#85
 sec-Butylbenzene
 Concen: 48.780 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. 0.000 min
 Lab File: VN076310.D
 Acq: 19 Jan 2023 09:47

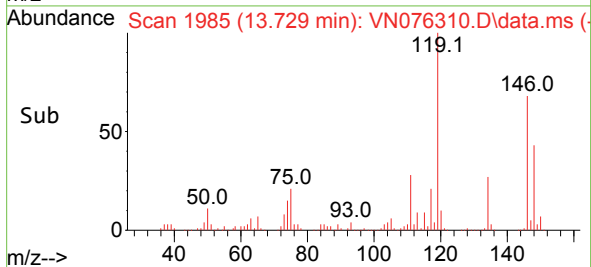
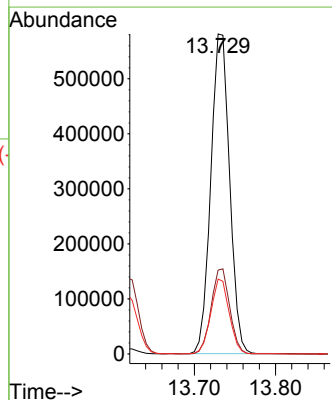
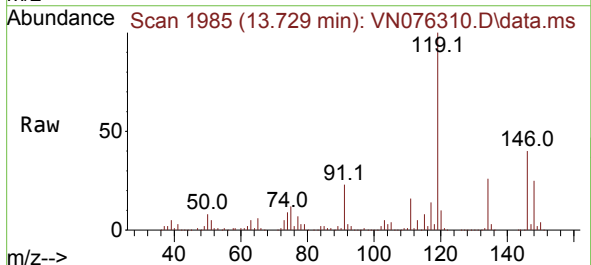
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

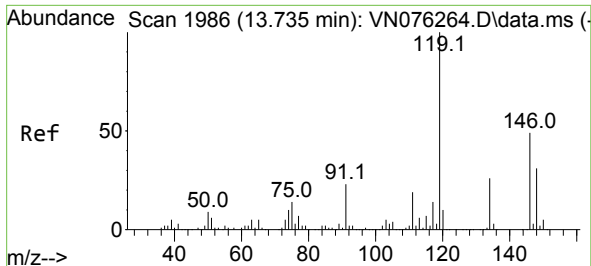
Tgt Ion:105 Resp: 1088913
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 50.865 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. 0.000 min
 Lab File: VN076310.D
 Acq: 19 Jan 2023 09:47

Tgt Ion:119 Resp: 933707
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.2 39.6
 91 22.9 11.8 35.3

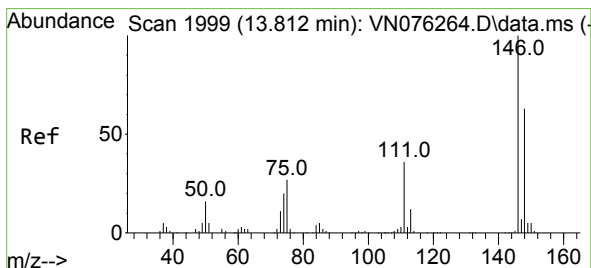
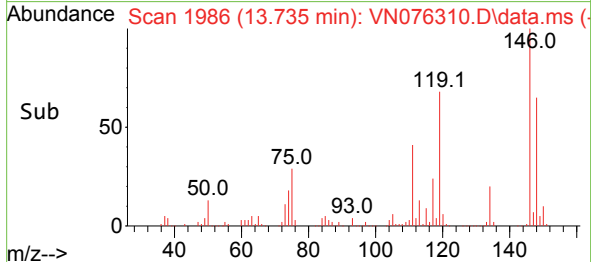
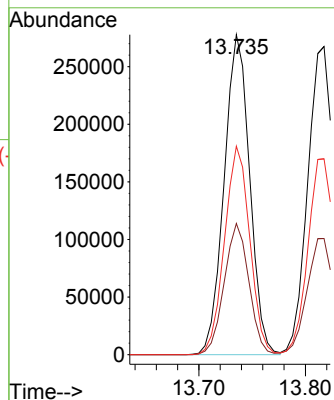
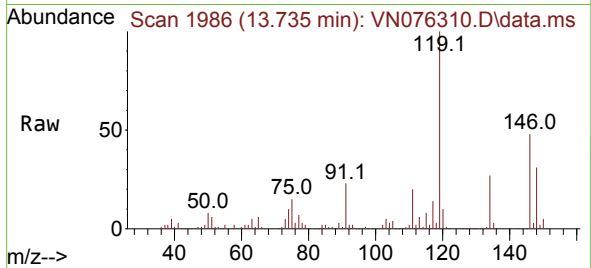




#87
 1,3-Dichlorobenzene
 Concen: 45.521 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN076310.D
 Acq: 19 Jan 2023 09:47

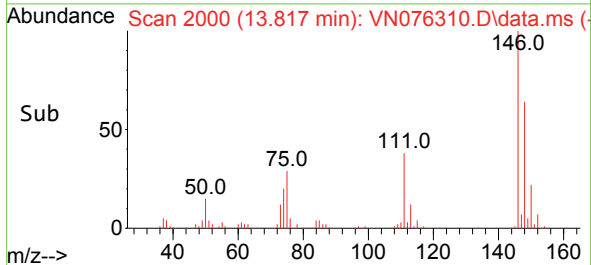
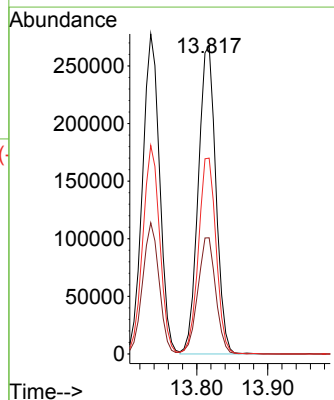
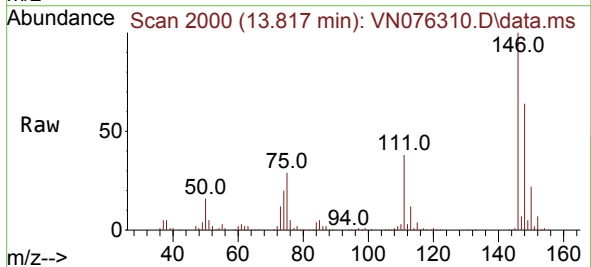
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

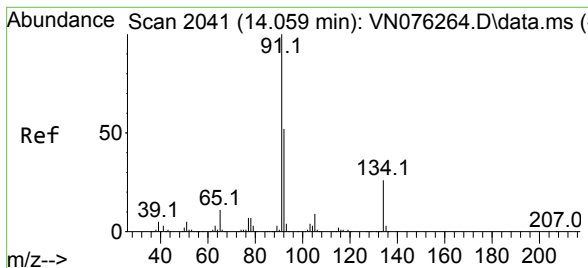
Tgt Ion:146 Resp: 463238
 Ion Ratio Lower Upper
 146 100
 111 39.6 19.9 59.7
 148 64.5 31.6 94.8



#88
 1,4-Dichlorobenzene
 Concen: 47.757 ug/l
 RT: 13.817 min Scan# 2000
 Delta R.T. 0.005 min
 Lab File: VN076310.D
 Acq: 19 Jan 2023 09:47

Tgt Ion:146 Resp: 462264
 Ion Ratio Lower Upper
 146 100
 111 38.1 19.1 57.5
 148 63.6 31.9 95.9





#89

n-Butylbenzene

Concen: 52.260 ug/l

RT: 14.059 min Scan# 2041

Delta R.T. -0.000 min

Lab File: VN076310.D

Acq: 19 Jan 2023 09:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

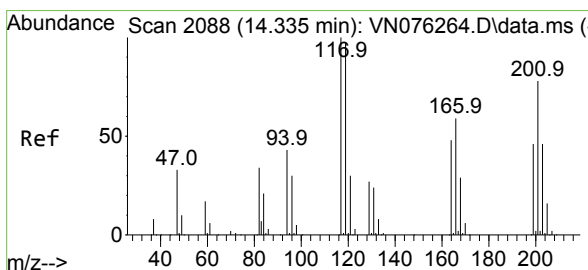
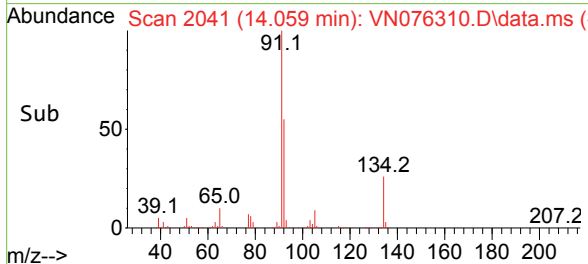
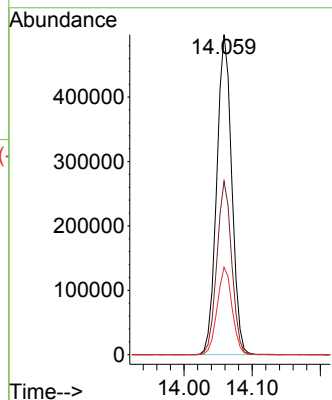
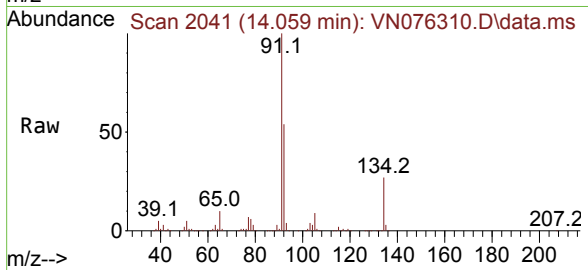
Tgt Ion: 91 Resp: 761530

Ion Ratio Lower Upper

91 100

92 53.5 26.3 78.9

134 27.1 13.2 39.5



#90

Hexachloroethane

Concen: 49.015 ug/l

RT: 14.335 min Scan# 2088

Delta R.T. 0.000 min

Lab File: VN076310.D

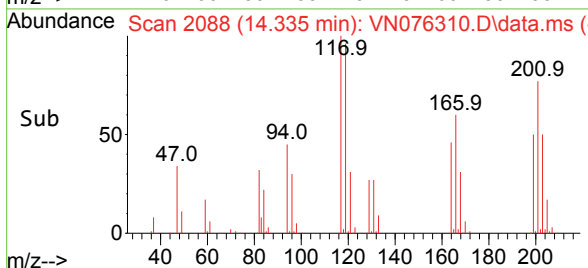
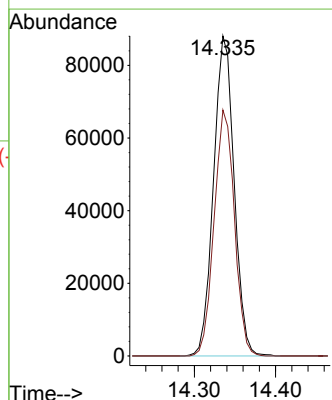
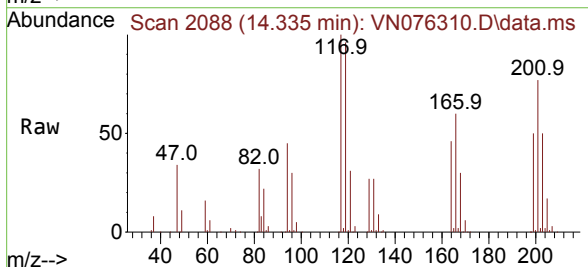
Acq: 19 Jan 2023 09:47

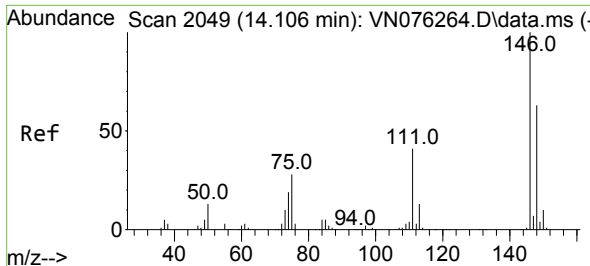
Tgt Ion: 117 Resp: 155289

Ion Ratio Lower Upper

117 100

201 75.8 37.3 111.9

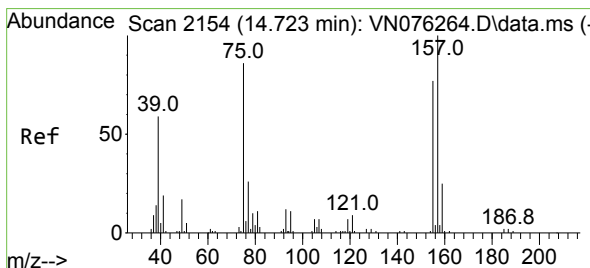
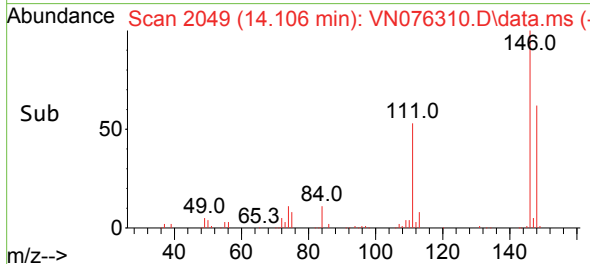
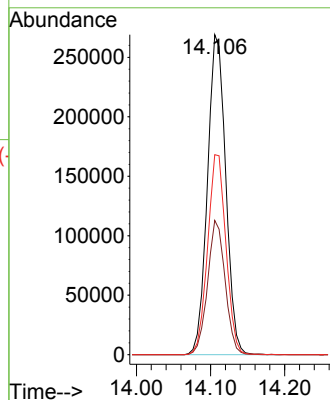
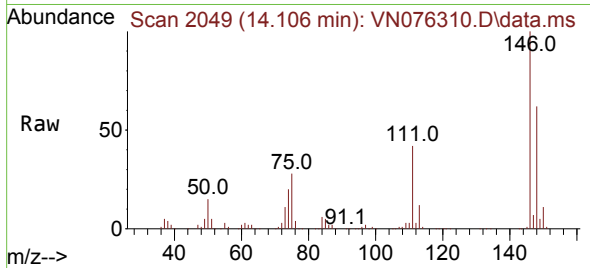




#91
1,2-Dichlorobenzene
Concen: 45.415 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. -0.000 min
Lab File: VN076310.D
Acq: 19 Jan 2023 09:47

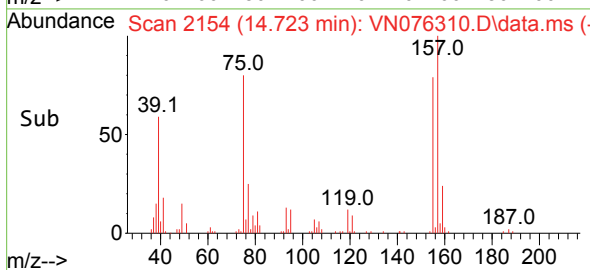
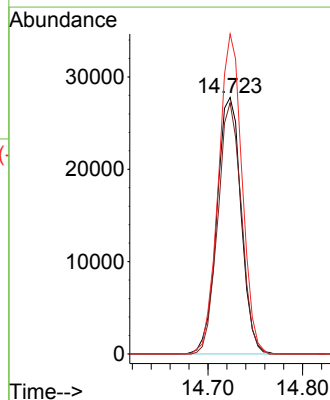
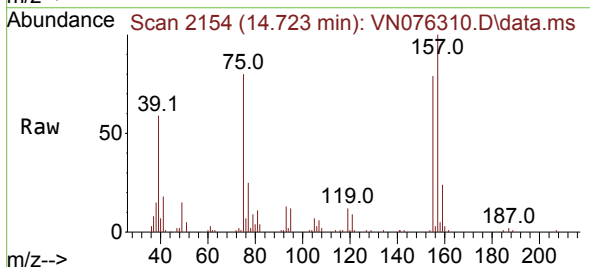
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

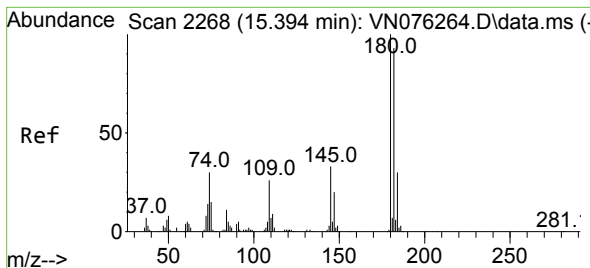
Tgt Ion:146 Resp: 460310
Ion Ratio Lower Upper
146 100
111 40.4 20.3 60.8
148 62.8 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 45.643 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. 0.000 min
Lab File: VN076310.D
Acq: 19 Jan 2023 09:47

Tgt Ion: 75 Resp: 49244
Ion Ratio Lower Upper
75 100
155 95.0 45.0 135.0
157 121.6 58.3 174.9





#93

1,2,4-Trichlorobenzene

Concen: 48.380 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN076310.D

Acq: 19 Jan 2023 09:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

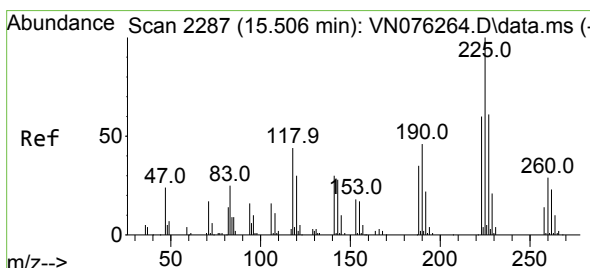
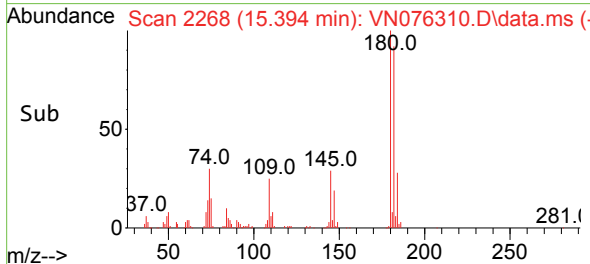
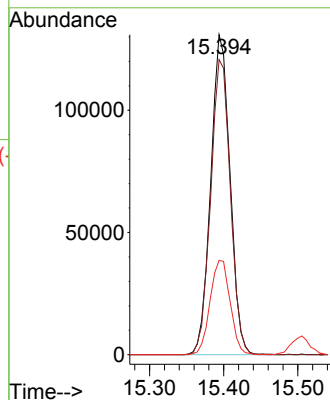
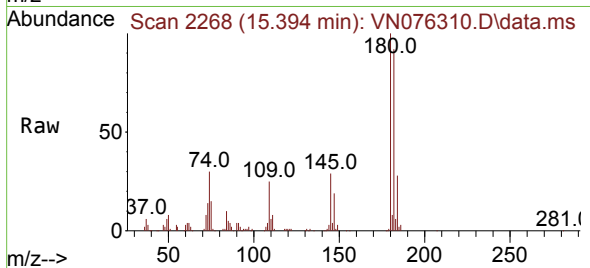
Tgt Ion:180 Resp: 236731

Ion Ratio Lower Upper

180 100

182 94.1 47.0 141.2

145 30.7 15.2 45.5



#94

Hexachlorobutadiene

Concen: 46.246 ug/l

RT: 15.506 min Scan# 2287

Delta R.T. -0.000 min

Lab File: VN076310.D

Acq: 19 Jan 2023 09:47

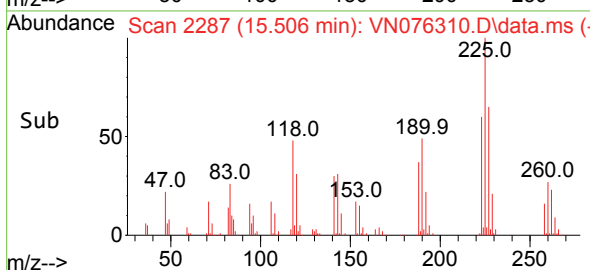
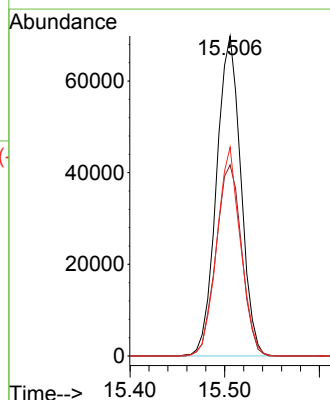
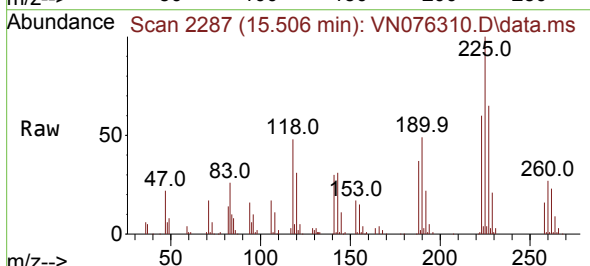
Tgt Ion:225 Resp: 124388

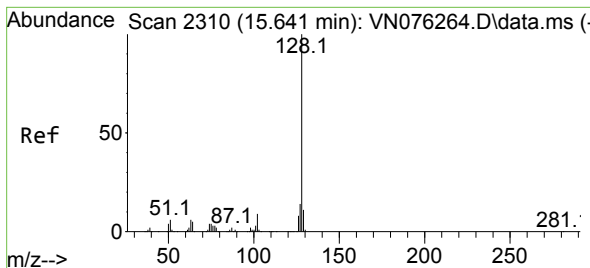
Ion Ratio Lower Upper

225 100

223 63.0 30.8 92.3

227 63.8 30.9 92.8





#95

Naphthalene

Concen: 44.672 ug/l

RT: 15.641 min Scan# 2310

Delta R.T. -0.000 min

Lab File: VN076310.D

Acq: 19 Jan 2023 09:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

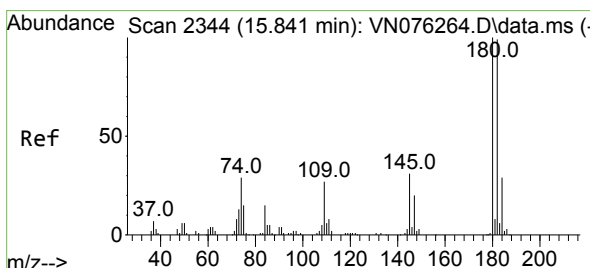
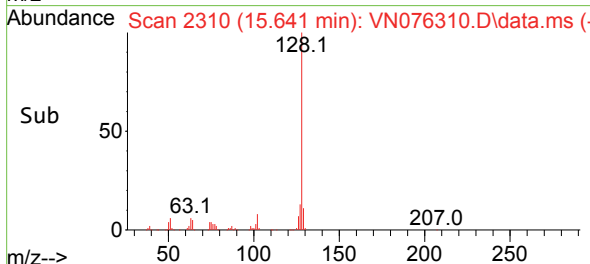
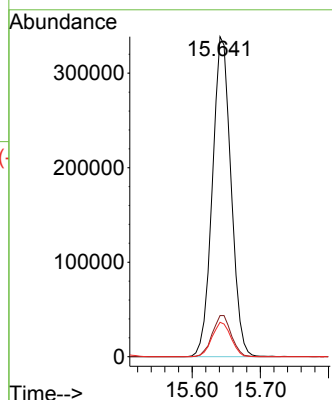
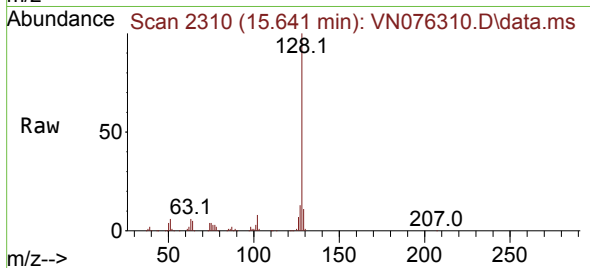
Tgt Ion:128 Resp: 644839

Ion Ratio Lower Upper

128 100

127 13.1 10.3 15.5

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 47.170 ug/l

RT: 15.847 min Scan# 2345

Delta R.T. 0.006 min

Lab File: VN076310.D

Acq: 19 Jan 2023 09:47

Tgt Ion:180 Resp: 219895

Ion Ratio Lower Upper

180 100

182 96.5 47.5 142.5

145 32.6 15.9 47.6

