

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011023\
 Data File : VN076182.D
 Acq On : 10 Jan 2023 15:13
 Operator : JC\MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 11 01:05:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

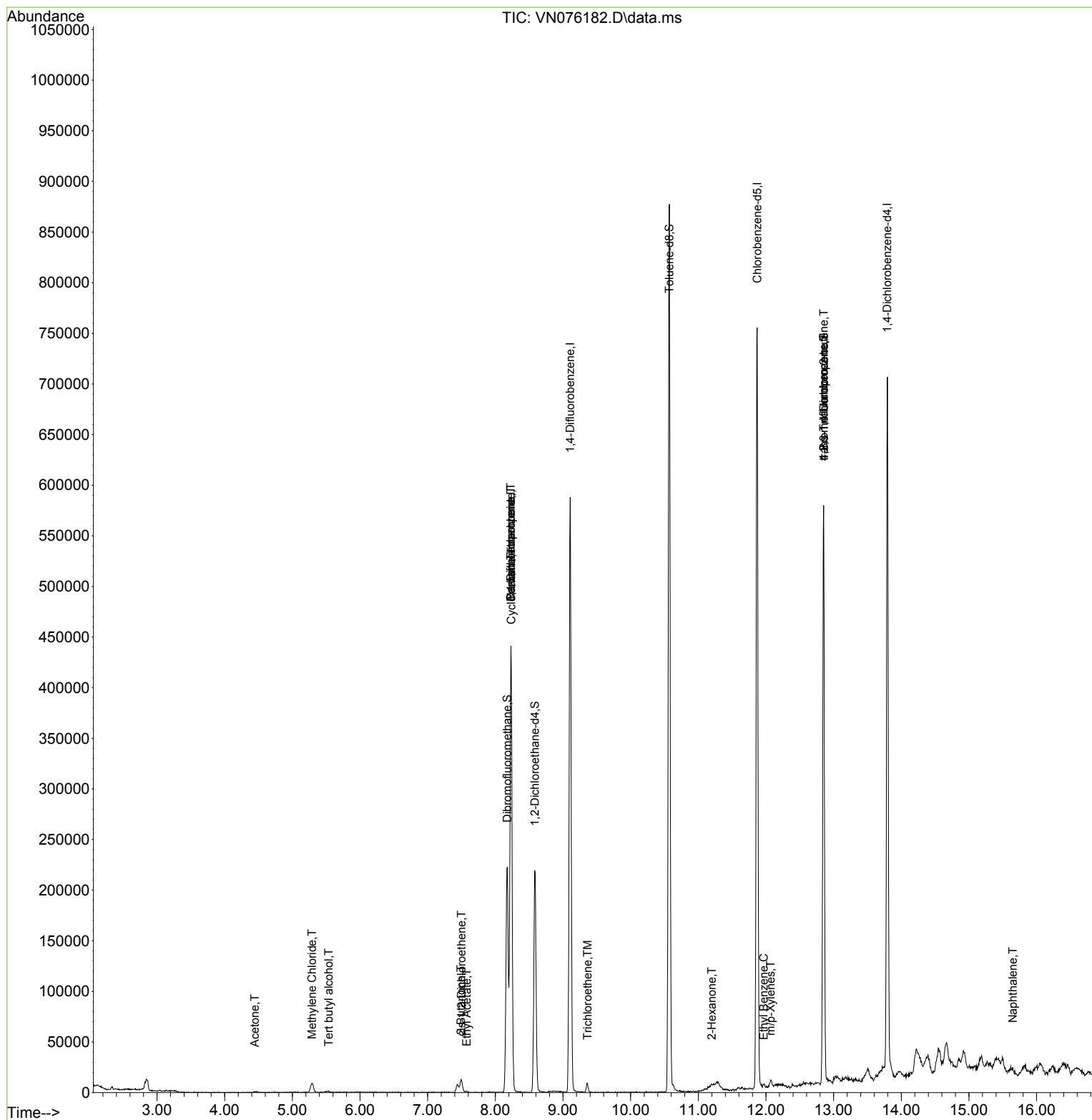
Internal Standards						
1) Pentafluorobenzene	8.230	168	337836	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	539769	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	464198	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	193842	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	182063	49.536	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.080%
35) Dibromofluoromethane	8.177	113	160182	47.920	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.840%
50) Toluene-d8	10.571	98	620098	49.616	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.240%
62) 4-Bromofluorobenzene	12.853	95	192470	46.496	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.000%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.536	59	476	0.915	ug/l #	72
16) Acetone	4.447	43	1978	1.561	ug/l	99
20) Methylene Chloride	5.289	84	7570	1.614	ug/l	93
25) 2-Butanone	7.494	43	1321	0.745	ug/l #	40
27) cis-1,2-Dichloroethene	7.500	96	7614	1.941	ug/l	92
31) Cyclohexane	8.235	56	6226	1.183	ug/l #	19
36) 1,1-Dichloropropene	8.230	75	25166	5.667	ug/l #	50
37) Ethyl Acetate	7.577	43	2109	0.591	ug/l #	71
38) Carbon Tetrachloride	8.230	117	33257	6.692	ug/l #	17
44) Trichloroethene	9.365	130	3479	0.901	ug/l	80
59) 2-Hexanone	11.200	43	821	0.316	ug/l	63
67) Ethyl Benzene	11.965	91	3258	0.203	ug/l #	86
68) m/p-Xylenes	12.070	106	2318	0.364	ug/l #	66
76) 1,2,3-Trichloropropane	12.853	75	97192	24.874	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	97192	89.534	ug/l #	12
95) Naphthalene	15.647	128	1909	2.351	ug/l #	71

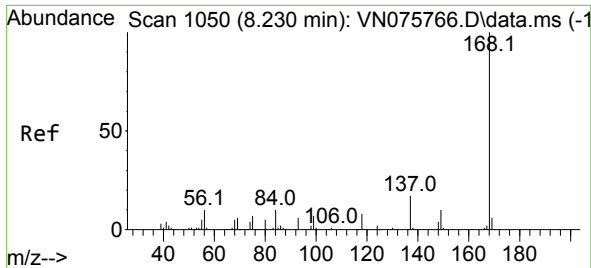
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Acq On : 10 Jan 2023 15:13
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MSVOA_N
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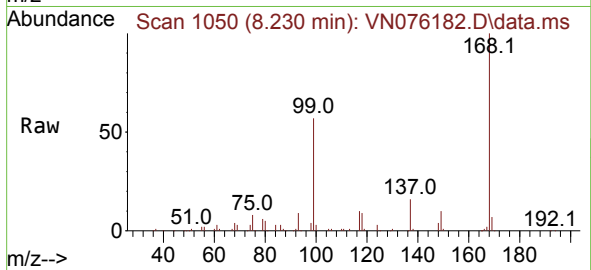
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 14 13:03:41 2022
Response via : Initial Calibration



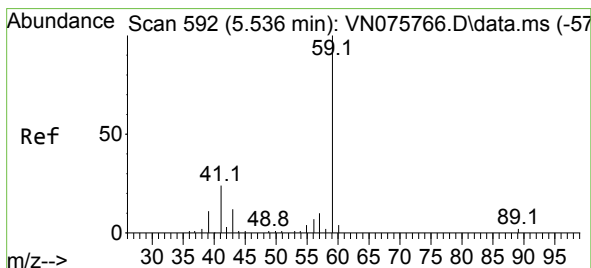
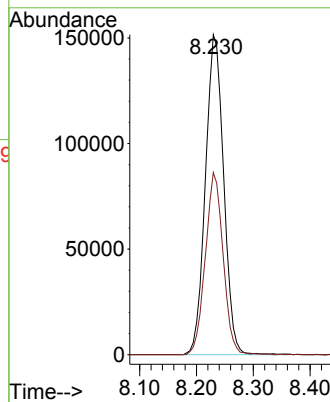
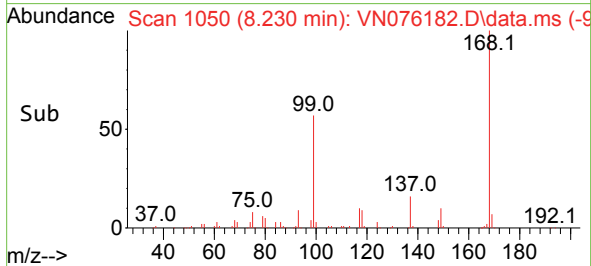


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN076182.D
Acq: 10 Jan 2023 15:13

Instrument :
MSVOA_N
ClientSampleId :

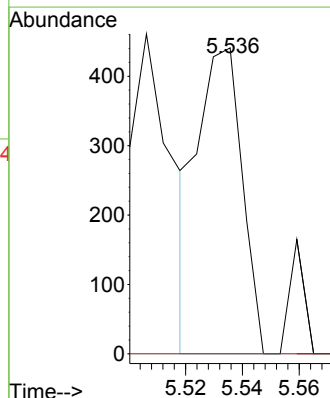
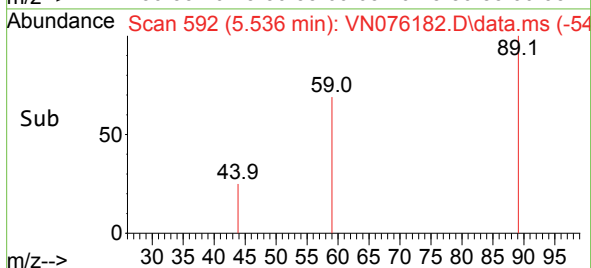
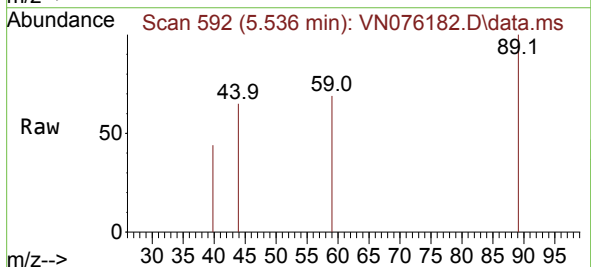


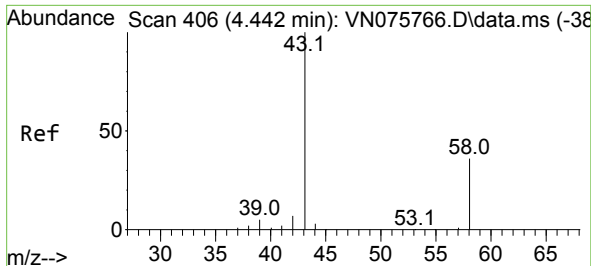
Tgt Ion:168 Resp: 337836
Ion Ratio Lower Upper
168 100
99 56.9 44.2 66.4



#11
Tert butyl alcohol
Concen: 0.915 ug/l
RT: 5.536 min Scan# 592
Delta R.T. -0.000 min
Lab File: VN076182.D
Acq: 10 Jan 2023 15:13

Tgt Ion: 59 Resp: 476
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

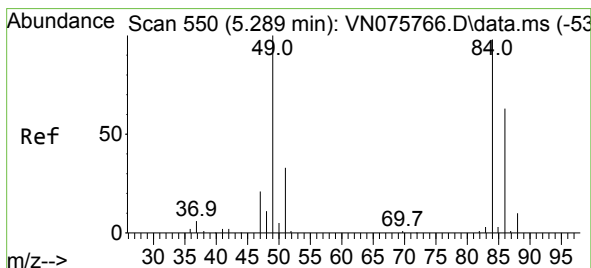
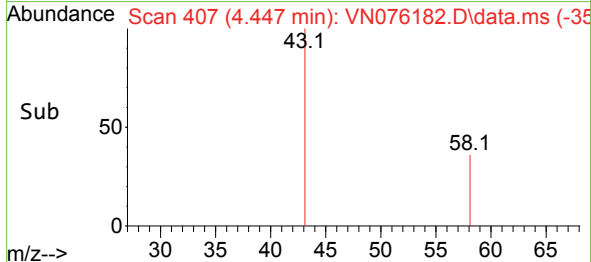
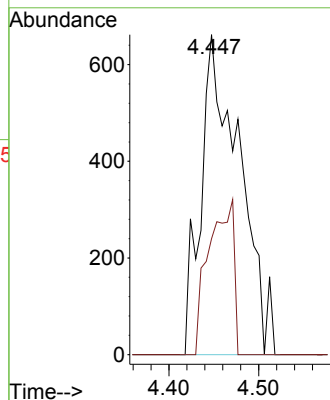
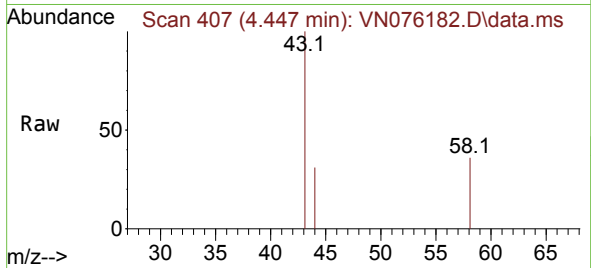




#16
Acetone
Concen: 1.561 ug/l
RT: 4.447 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN076182.D
Acq: 10 Jan 2023 15:13

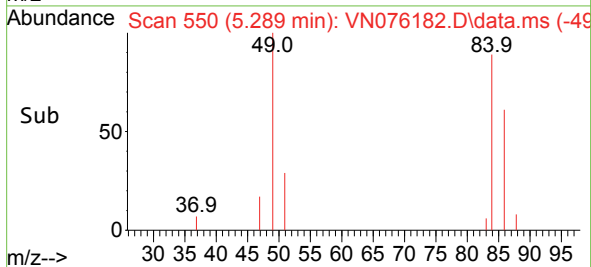
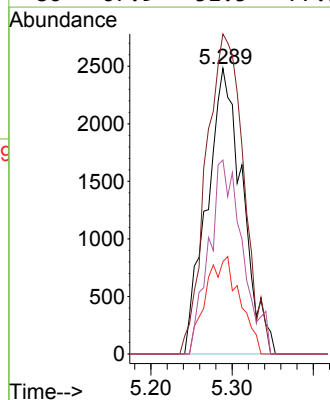
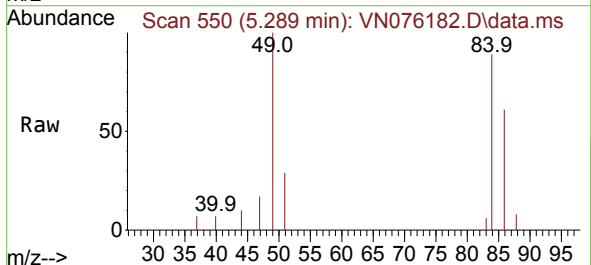
Instrument :
MSVOA_N
ClientSampleId :

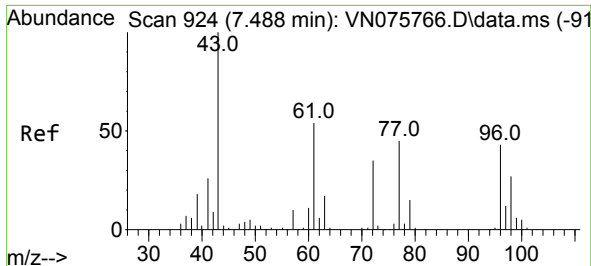
Tgt Ion: 43 Resp: 1978
Ion Ratio Lower Upper
43 100
58 36.3 28.6 43.0



#20
Methylene Chloride
Concen: 1.614 ug/l
RT: 5.289 min Scan# 550
Delta R.T. -0.000 min
Lab File: VN076182.D
Acq: 10 Jan 2023 15:13

Tgt Ion: 84 Resp: 7570
Ion Ratio Lower Upper
84 100
49 112.0 81.8 122.6
51 32.4 26.7 40.1
86 67.9 51.5 77.3

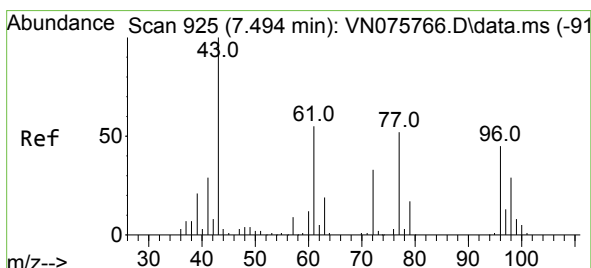
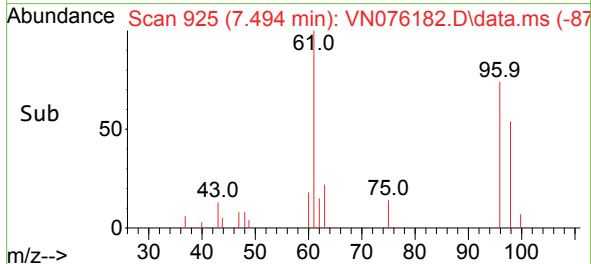
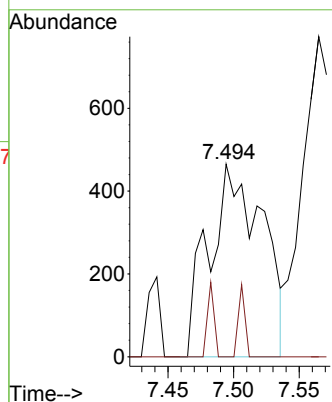
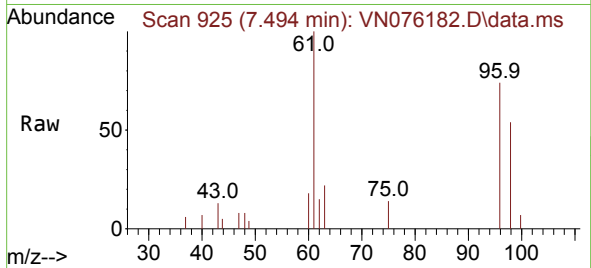




#25
2-Butanone
Concen: 0.745 ug/l
RT: 7.494 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN076182.D
Acq: 10 Jan 2023 15:13

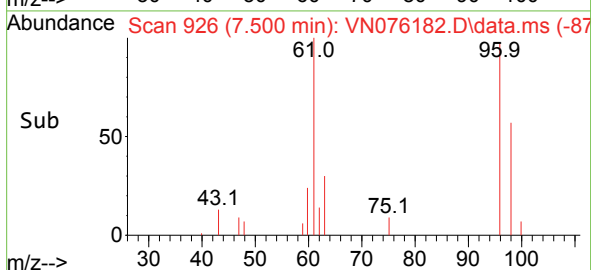
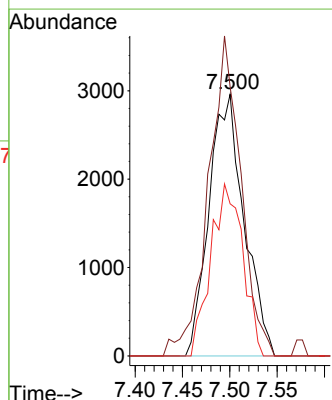
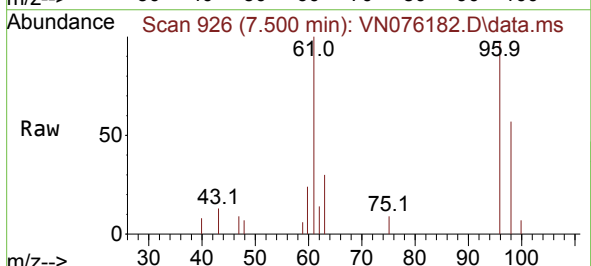
Instrument :
MSVOA_N
ClientSampleId :

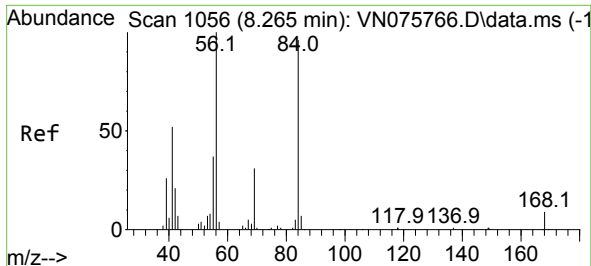
Tgt Ion: 43 Resp: 1321
Ion Ratio Lower Upper
43 100
72 0.0 28.0 42.0#



#27
cis-1,2-Dichloroethene
Concen: 1.941 ug/l
RT: 7.500 min Scan# 926
Delta R.T. 0.006 min
Lab File: VN076182.D
Acq: 10 Jan 2023 15:13

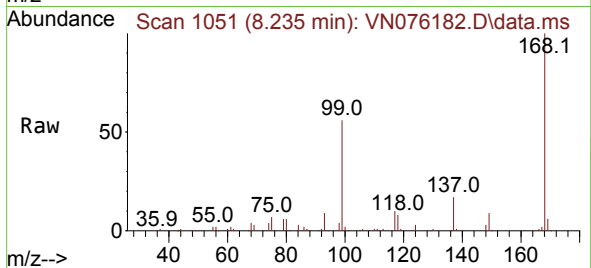
Tgt Ion: 96 Resp: 7614
Ion Ratio Lower Upper
96 100
61 113.4 0.0 247.8
98 60.0 0.0 128.4



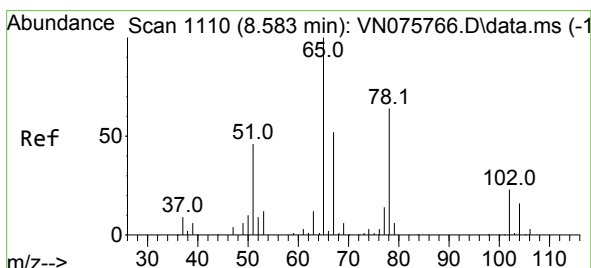
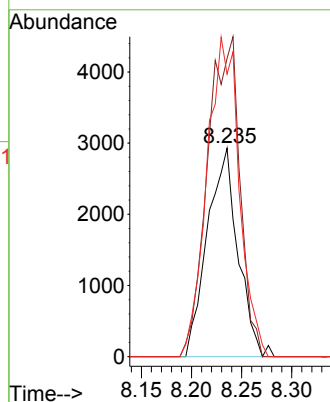
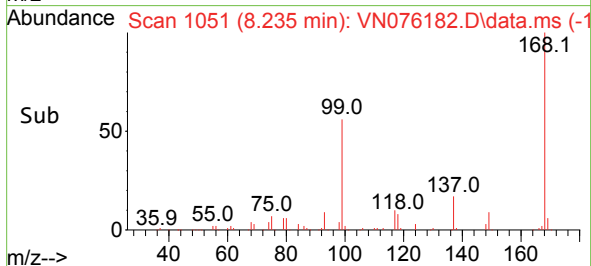


#31
Cyclohexane
Concen: 1.183 ug/l
RT: 8.235 min Scan# 1051
Delta R.T. -0.029 min
Lab File: VN076182.D
Acq: 10 Jan 2023 15:13

Instrument :
MSVOA_N
ClientSampleId :

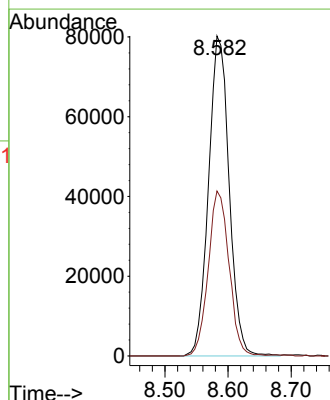
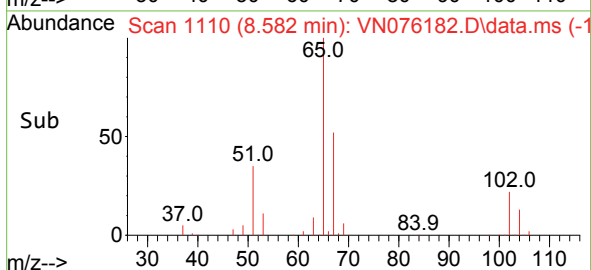
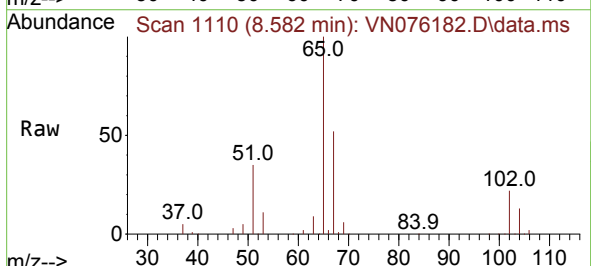


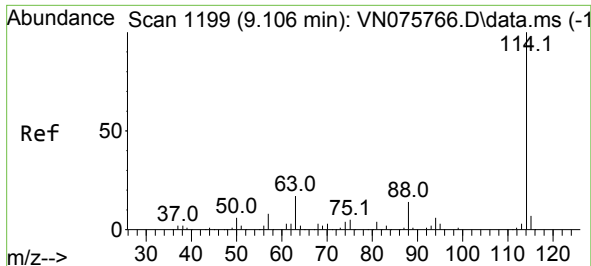
Tgt Ion: 56 Resp: 6226
Ion Ratio Lower Upper
56 100
69 143.0 24.7 37.1#
84 135.5 76.5 114.7#



#33
1,2-Dichloroethane-d4
Concen: 49.536 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VN076182.D
Acq: 10 Jan 2023 15:13

Tgt Ion: 65 Resp: 182063
Ion Ratio Lower Upper
65 100
67 52.0 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN076182.D

Acq: 10 Jan 2023 15:13

Instrument :

MSVOA_N

ClientSampleId :

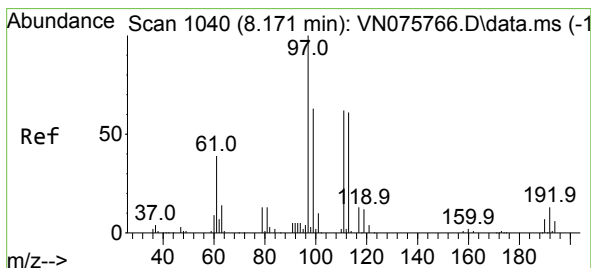
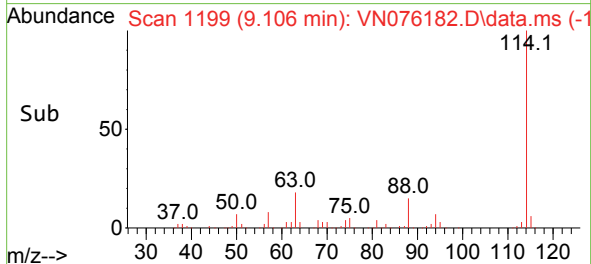
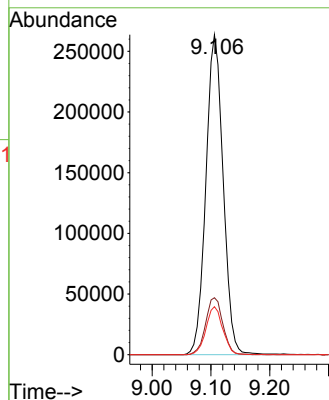
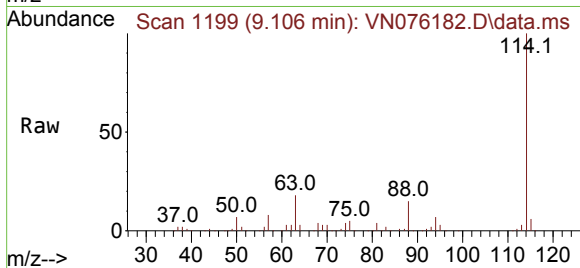
Tgt Ion:114 Resp: 539769

Ion Ratio Lower Upper

114 100

63 17.8 0.0 34.4

88 15.0 0.0 28.8



#35

Dibromofluoromethane

Concen: 47.920 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN076182.D

Acq: 10 Jan 2023 15:13

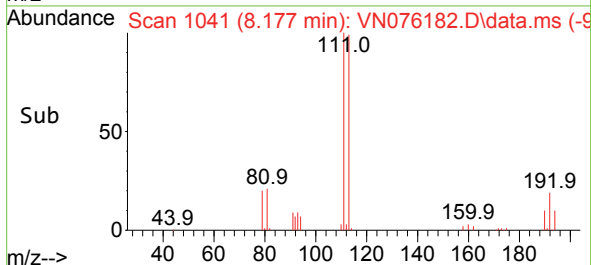
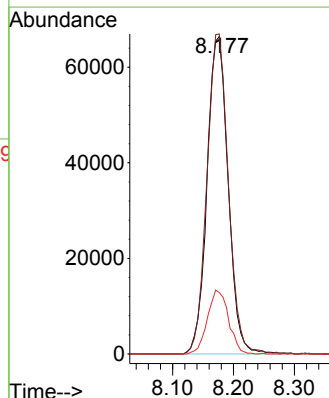
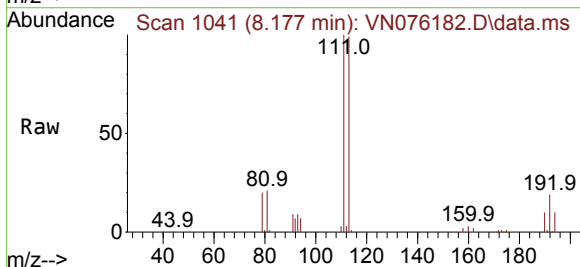
Tgt Ion:113 Resp: 160182

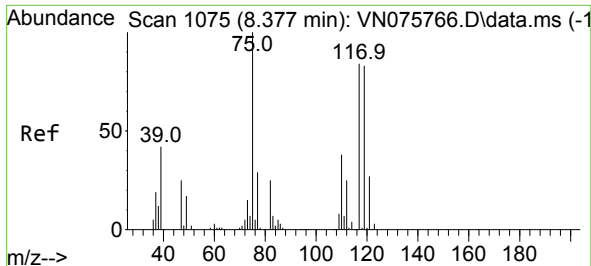
Ion Ratio Lower Upper

113 100

111 102.2 83.4 125.2

192 20.1 16.1 24.1





#36

1,1-Dichloropropene

Concen: 5.667 ug/l

RT: 8.230 min Scan# 1050

Delta R.T. -0.147 min

Lab File: VN076182.D

Acq: 10 Jan 2023 15:13

Instrument :

MSVOA_N

ClientSampleId :

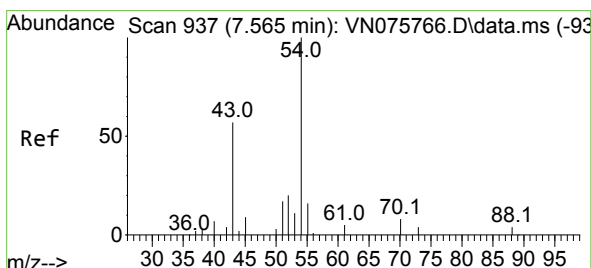
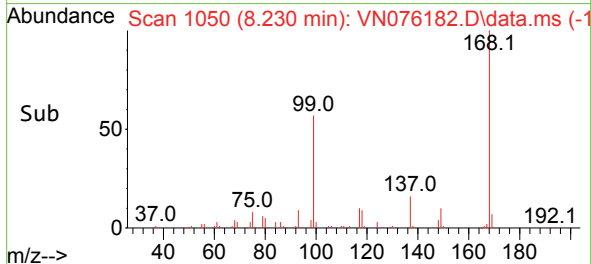
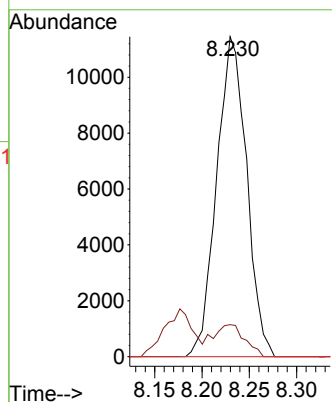
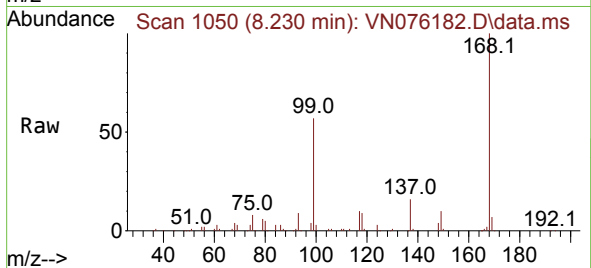
Tgt Ion: 75 Resp: 25166

Ion Ratio Lower Upper

75 100

110 10.6 18.8 56.4#

77 0.0 24.1 36.1#



#37

Ethyl Acetate

Concen: 0.591 ug/l

RT: 7.577 min Scan# 939

Delta R.T. 0.012 min

Lab File: VN076182.D

Acq: 10 Jan 2023 15:13

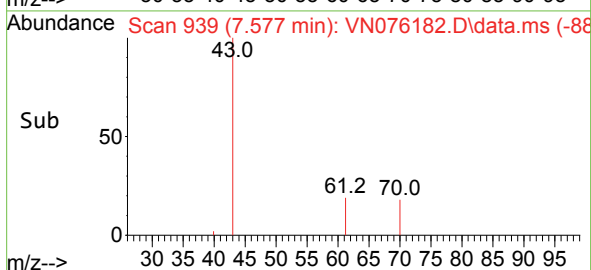
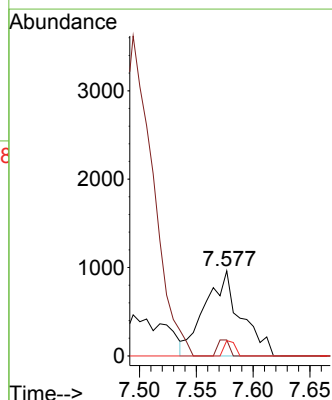
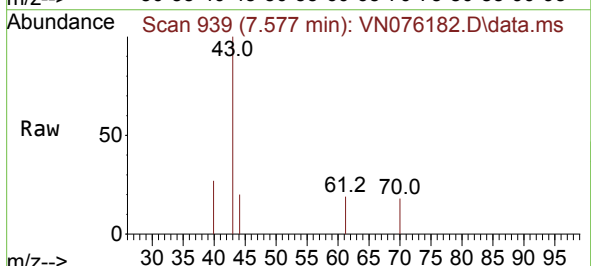
Tgt Ion: 43 Resp: 2109

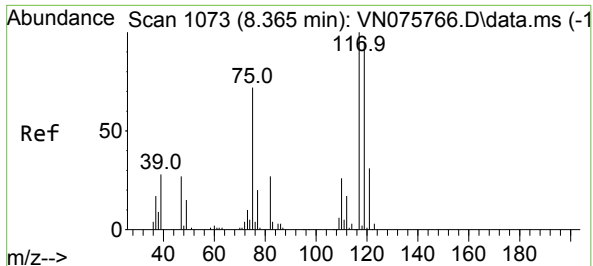
Ion Ratio Lower Upper

43 100

61 0.0 13.0 19.4#

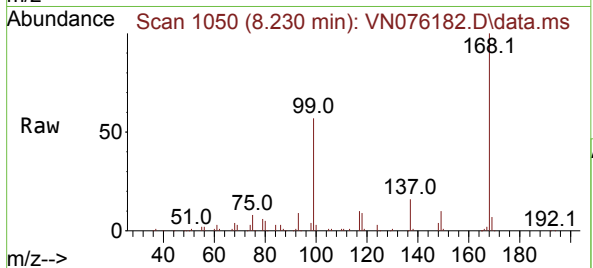
70 5.5 9.4 14.0#



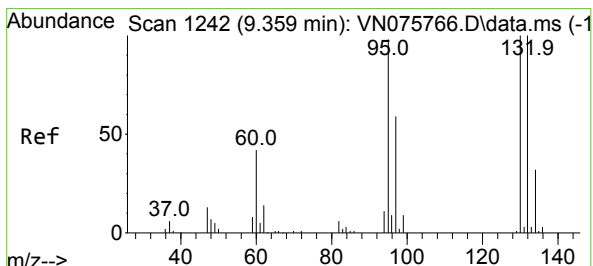
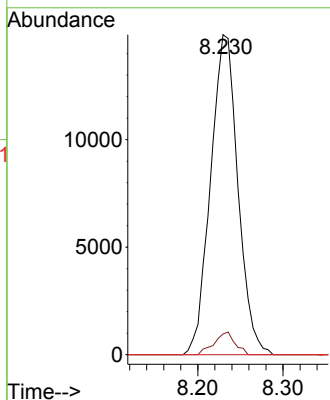
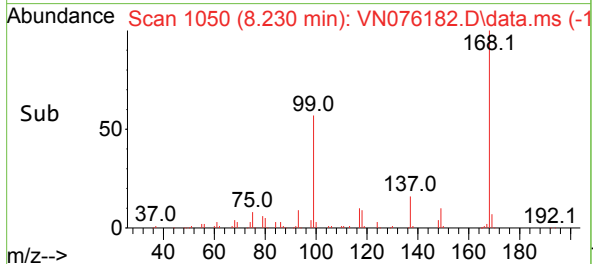


#38
Carbon Tetrachloride
Concen: 6.692 ug/l
RT: 8.230 min Scan# 1073
Delta R.T. -0.135 min
Lab File: VN076182.D
Acq: 10 Jan 2023 15:13

Instrument :
MSVOA_N
ClientSampleId :

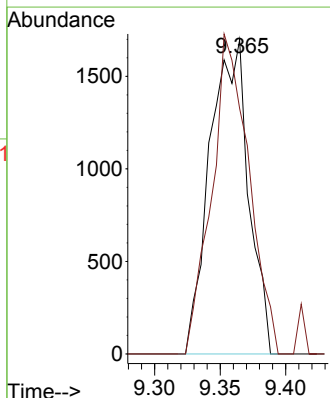
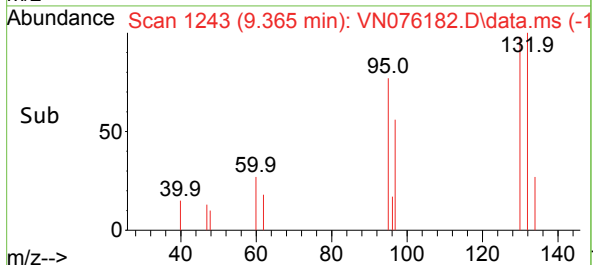
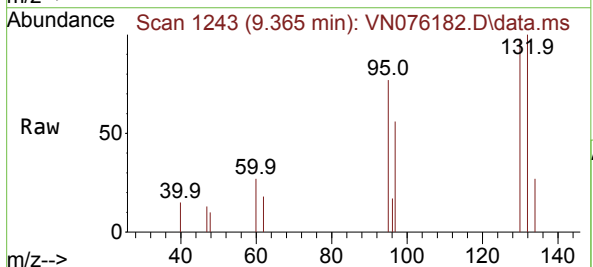


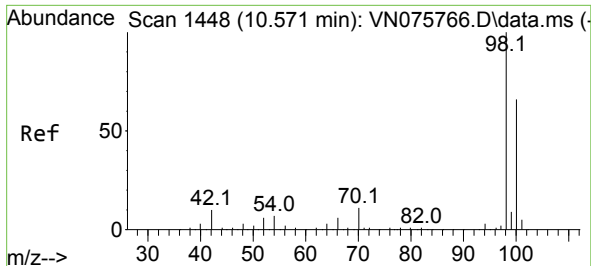
Tgt Ion:117 Resp: 33257
Ion Ratio Lower Upper
117 100
119 6.4 76.1 114.1#
121 0.0 24.5 36.7#



#44
Trichloroethene
Concen: 0.901 ug/l
RT: 9.365 min Scan# 1243
Delta R.T. 0.006 min
Lab File: VN076182.D
Acq: 10 Jan 2023 15:13

Tgt Ion:130 Resp: 3479
Ion Ratio Lower Upper
130 100
95 78.1 0.0 195.4

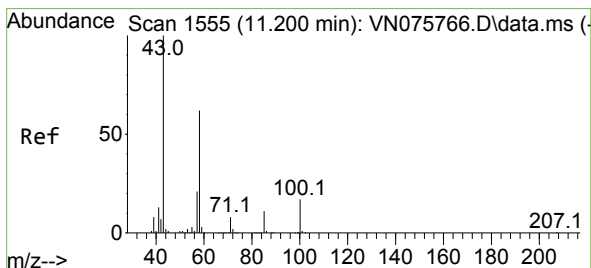
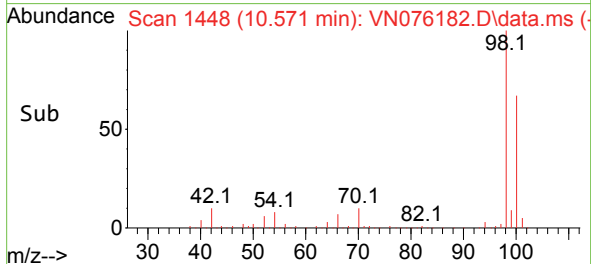
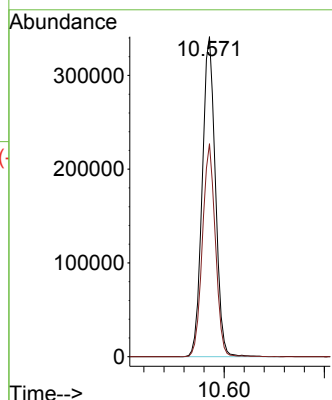
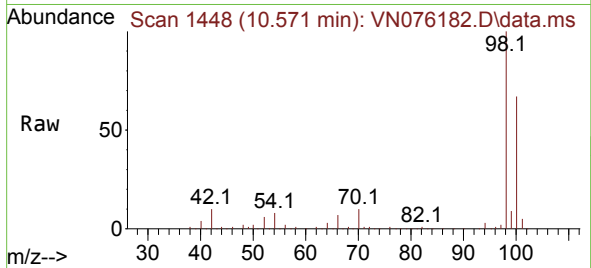




#50
Toluene-d8
Concen: 49.616 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN076182.D
Acq: 10 Jan 2023 15:13

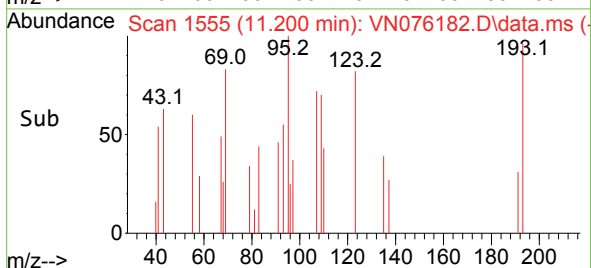
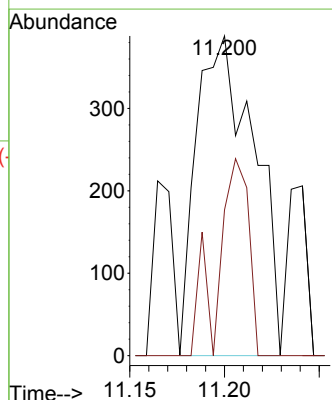
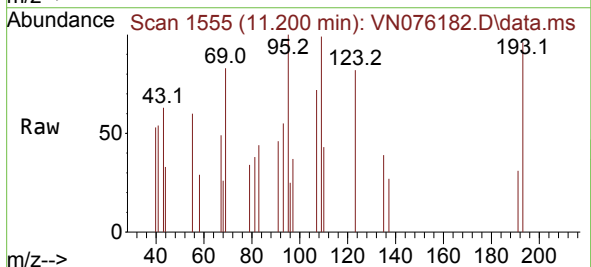
Instrument :
MSVOA_N
ClientSampleId :

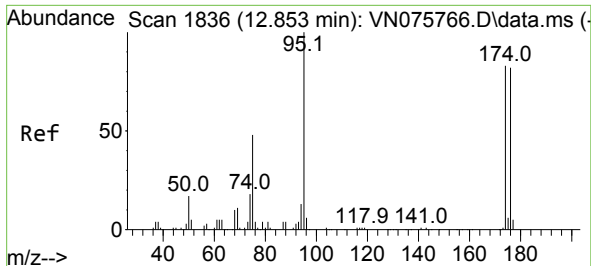
Tgt Ion: 98 Resp: 620098
Ion Ratio Lower Upper
98 100
100 65.5 52.1 78.1



#59
2-Hexanone
Concen: 0.316 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN076182.D
Acq: 10 Jan 2023 15:13

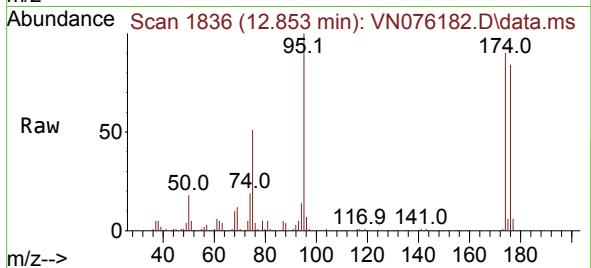
Tgt Ion: 43 Resp: 821
Ion Ratio Lower Upper
43 100
58 33.1 30.6 92.0



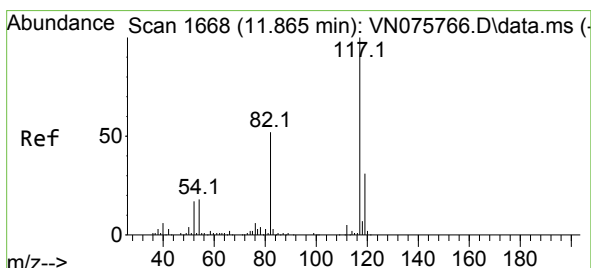
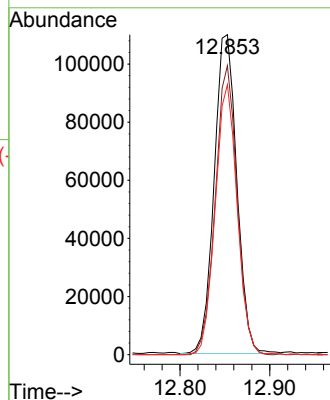
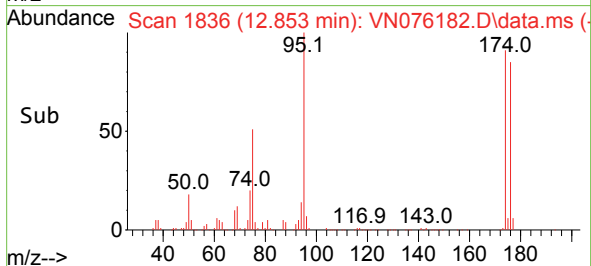


#62
4-Bromofluorobenzene
Concen: 46.496 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN076182.D
Acq: 10 Jan 2023 15:13

Instrument :
MSVOA_N
ClientSampleId :

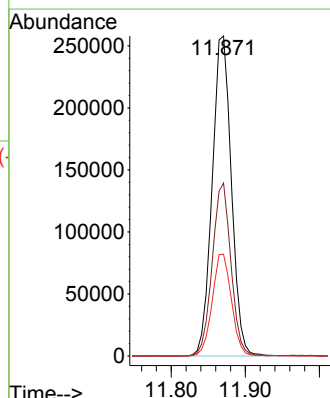
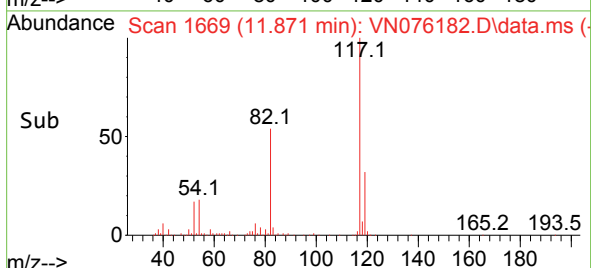
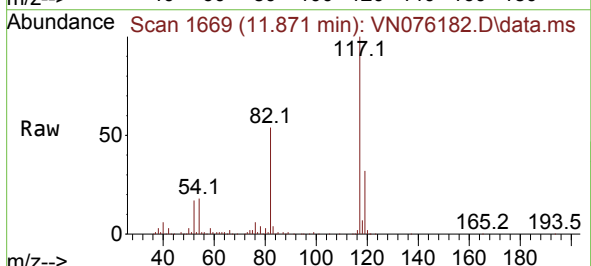


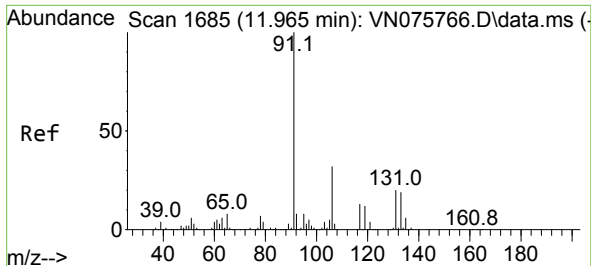
Tgt Ion: 95 Resp: 192470
Ion Ratio Lower Upper
95 100
174 87.4 0.0 171.6
176 82.0 0.0 169.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN076182.D
Acq: 10 Jan 2023 15:13

Tgt Ion: 117 Resp: 464198
Ion Ratio Lower Upper
117 100
82 54.1 41.3 61.9
119 31.8 24.6 37.0

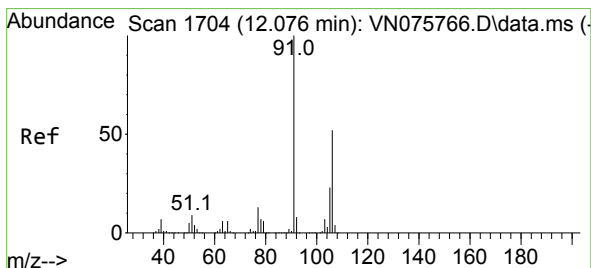
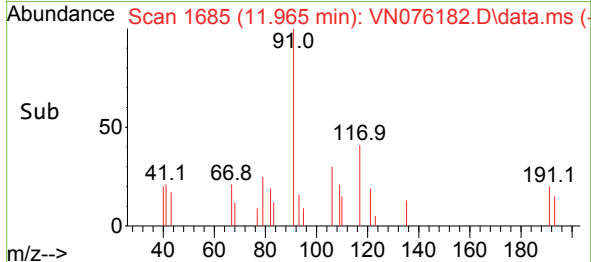
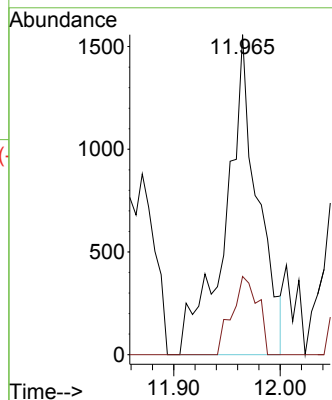
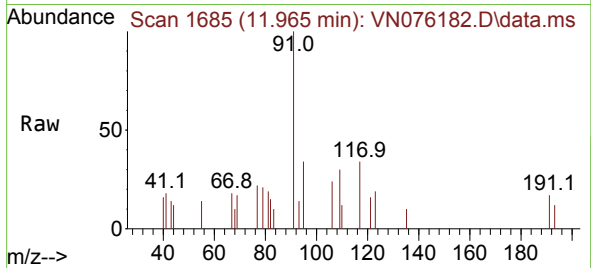




#67
Ethyl Benzene
Concen: 0.203 ug/l
RT: 11.965 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076182.D
Acq: 10 Jan 2023 15:13

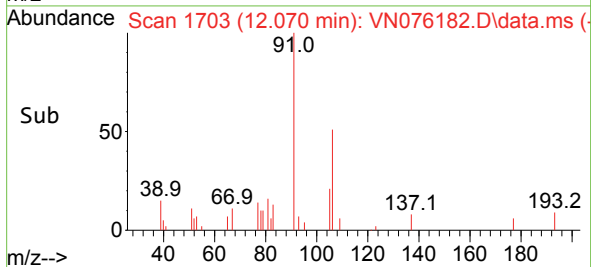
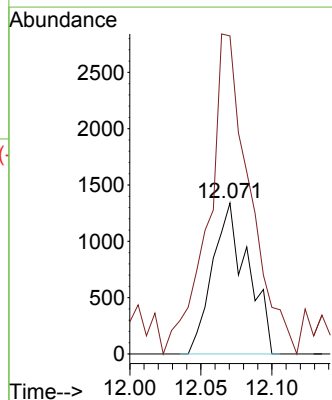
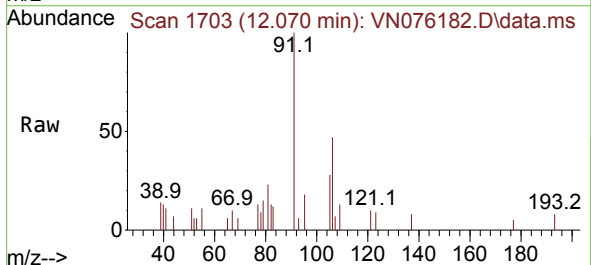
Instrument :
MSVOA_N
ClientSampleId :

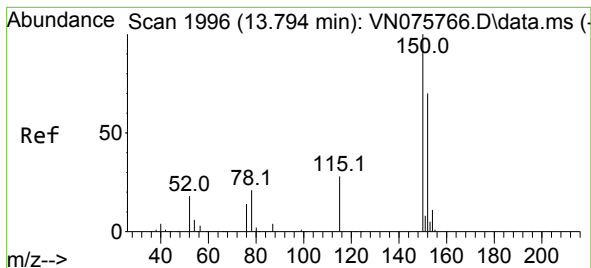
Tgt Ion: 91 Resp: 3258
Ion Ratio Lower Upper
91 100
106 24.5 25.7 38.5#



#68
m/p-Xylenes
Concen: 0.364 ug/l
RT: 12.070 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VN076182.D
Acq: 10 Jan 2023 15:13

Tgt Ion: 106 Resp: 2318
Ion Ratio Lower Upper
106 100
91 247.2 156.6 235.0#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 1996

Delta R.T. -0.000 min

Lab File: VN076182.D

Acq: 10 Jan 2023 15:13

Instrument :

MSVOA_N

ClientSampleId :

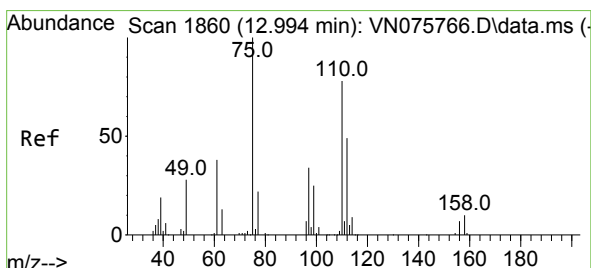
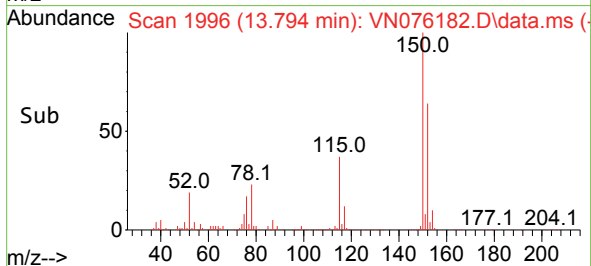
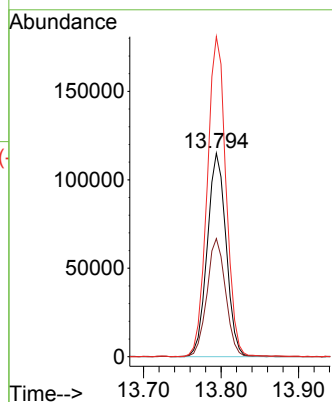
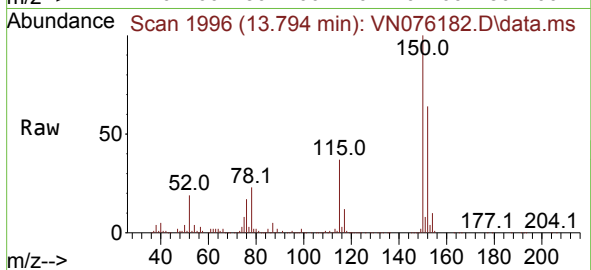
Tgt Ion:152 Resp: 193842

Ion Ratio Lower Upper

152 100

115 57.7 29.1 87.4

150 157.1 0.0 347.0



#76

1,2,3-Trichloropropane

Concen: 24.874 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. -0.141 min

Lab File: VN076182.D

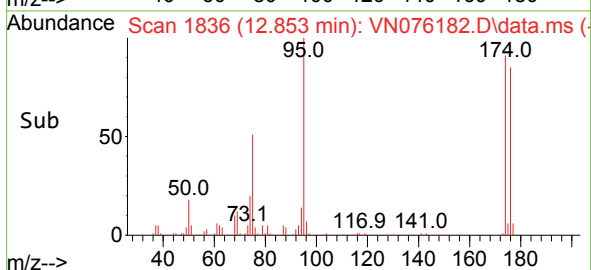
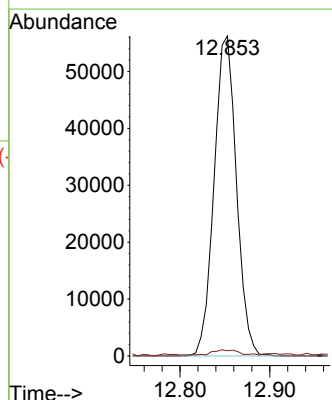
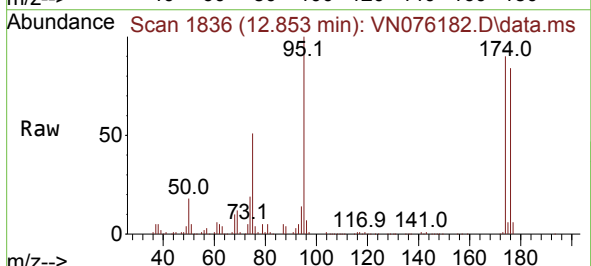
Acq: 10 Jan 2023 15:13

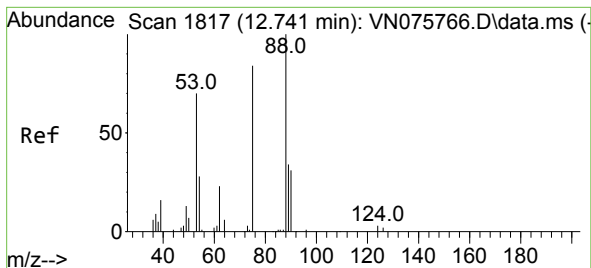
Tgt Ion: 75 Resp: 97192

Ion Ratio Lower Upper

75 100

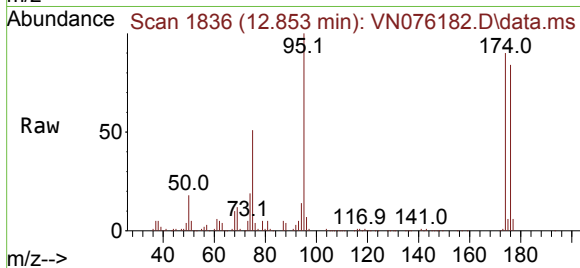
77 2.1 82.6 247.8#



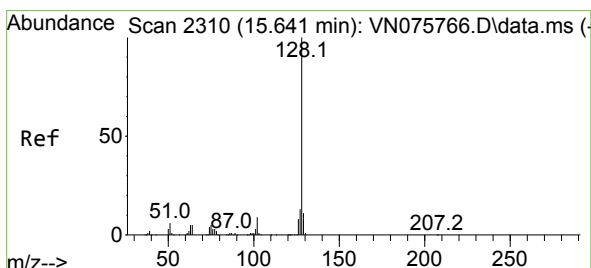
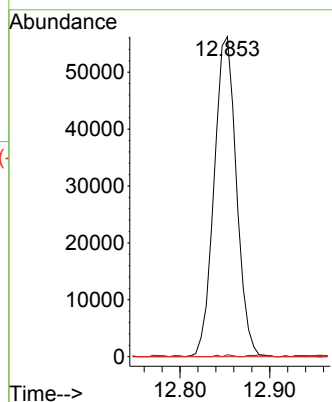
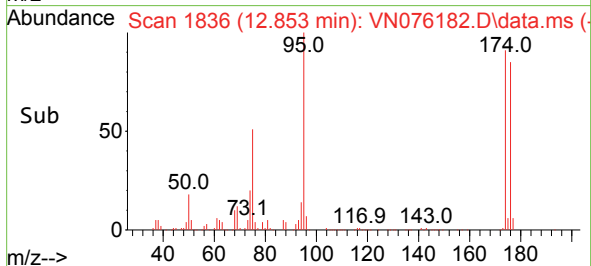


#81
trans-1,4-Dichloro-2-butene
Concen: 89.534 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.112 min
Lab File: VN076182.D
Acq: 10 Jan 2023 15:13

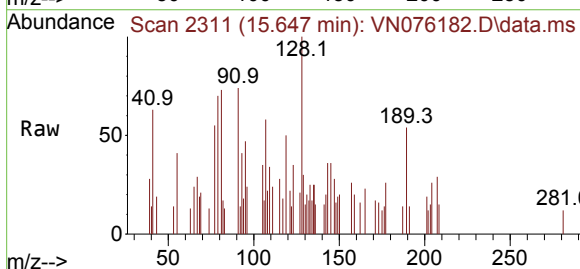
Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 75 Resp: 97192
Ion Ratio Lower Upper
75 100
53 0.3 73.8 110.6#
89 0.0 39.5 59.3#



#95
Naphthalene
Concen: 2.351 ug/l
RT: 15.647 min Scan# 2311
Delta R.T. 0.006 min
Lab File: VN076182.D
Acq: 10 Jan 2023 15:13



Tgt Ion: 128 Resp: 1909
Ion Ratio Lower Upper
128 100
127 24.6 10.4 15.6#
129 0.0 8.7 13.1#

