

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011023\
 Data File : VN076179.D
 Acq On : 10 Jan 2023 13:38
 Operator : JC\MD
 Sample : N6245-01
 Misc : 5.07gr/10mL/100uL/5.0mL/MSVOA_N/MeOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 11 01:04:42 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)

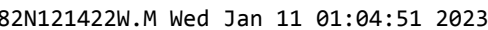
Internal Standards						
1) Pentafluorobenzene	8.224	168	339563	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	525376	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	445218	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	188075	50.000	ug/l	0.00

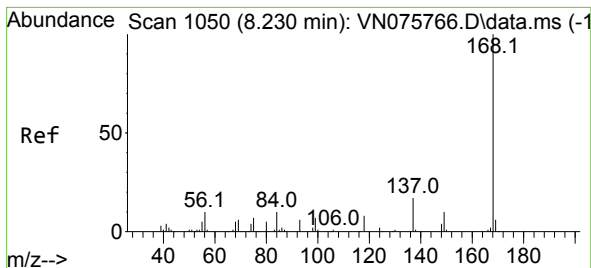
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	180129	48.761	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.520%
35) Dibromofluoromethane	8.165	113	155598	47.824	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.640%
50) Toluene-d8	10.565	98	604000	49.652	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.300%
62) 4-Bromofluorobenzene	12.853	95	181444	45.033	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.060%

Target Compounds						Qvalue
5) Bromomethane	2.918	94	1000	0.329	ug/l #	72
11) Tert butyl alcohol	5.494	59	2039	3.901	ug/l #	72
16) Acetone	4.465	43	2804	2.202	ug/l #	86
20) Methylene Chloride	5.271	84	4454	0.676	ug/l	91
25) 2-Butanone	7.494	43	1315	0.738	ug/l #	40
27) cis-1,2-Dichloroethene	7.488	96	1418	0.360	ug/l	95
31) Cyclohexane	8.218	56	6690	1.264	ug/l #	38
36) 1,1-Dichloropropene	8.224	75	24394	5.644	ug/l #	50
37) Ethyl Acetate	7.577	43	1838	0.529	ug/l #	65
38) Carbon Tetrachloride	8.229	117	33457	6.916	ug/l #	16
43) Isopropyl Acetate	8.794	43	2973	0.519	ug/l #	50
44) Trichloroethene	9.359	130	3737	0.995	ug/l	79
59) 2-Hexanone	11.200	43	774	0.306	ug/l	74
71) Bromoform	12.853	173	1635	0.664	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	92267	24.338	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	92267	87.603	ug/l #	12
93) 1,2,4-Trichlorobenzene	15.394	180	986	0.318	ug/l #	88
95) Naphthalene	15.641	128	4813	2.627	ug/l #	75
96) 1,2,3-Trichlorobenzene	15.841	180	1057	0.365	ug/l #	74

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

Quant Time: Jan 11 01:04:42 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN076179.D

Acq: 10 Jan 2023 13:38

Instrument :

MSVOA_N

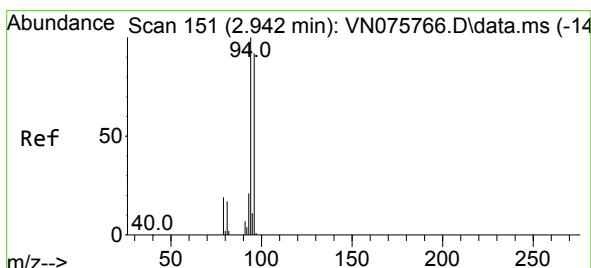
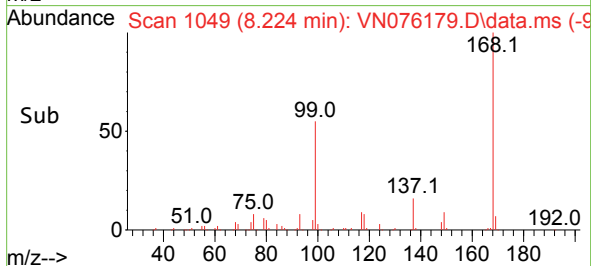
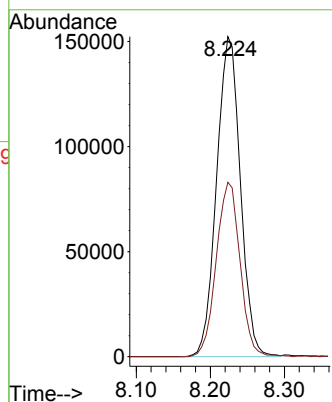
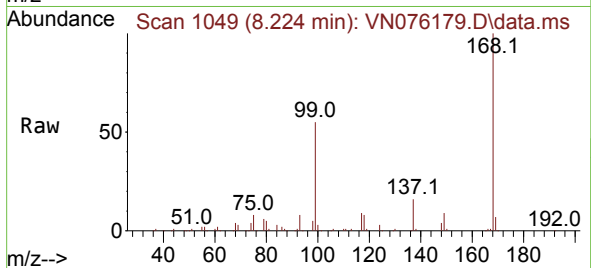
ClientSampleId :

Tgt Ion:168 Resp: 339563

Ion Ratio Lower Upper

168 100

99 54.5 44.2 66.4



#5

Bromomethane

Concen: 0.329 ug/l

RT: 2.918 min Scan# 147

Delta R.T. -0.024 min

Lab File: VN076179.D

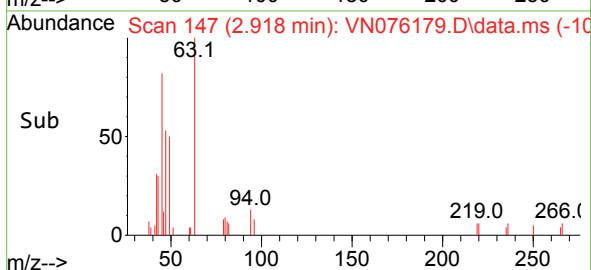
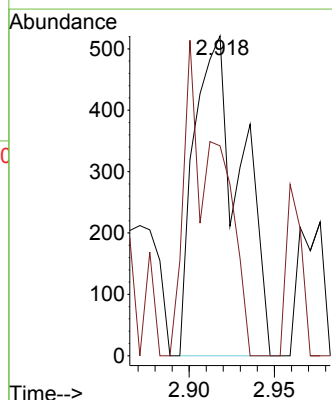
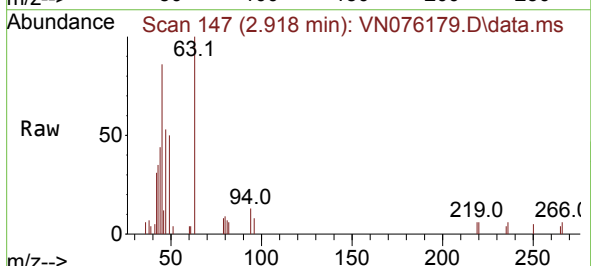
Acq: 10 Jan 2023 13:38

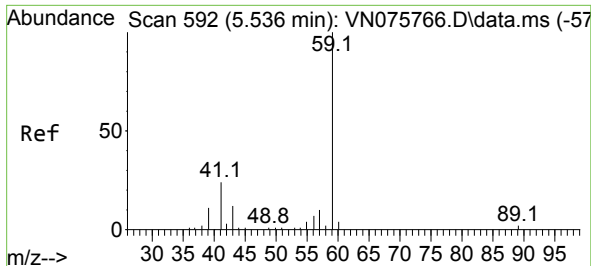
Tgt Ion: 94 Resp: 1000

Ion Ratio Lower Upper

94 100

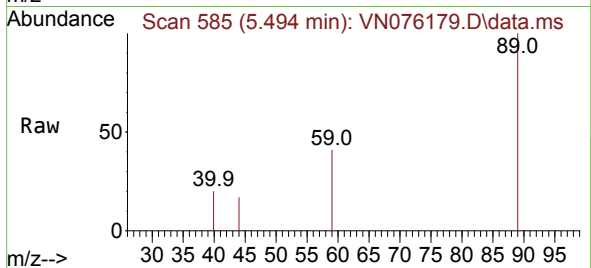
96 65.6 73.8 110.6#



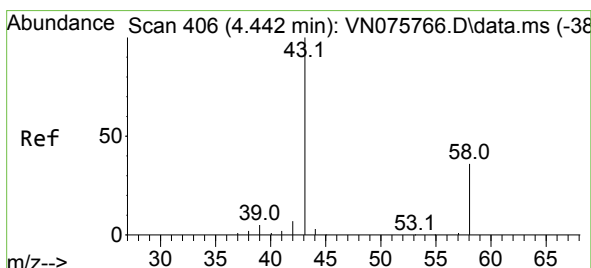
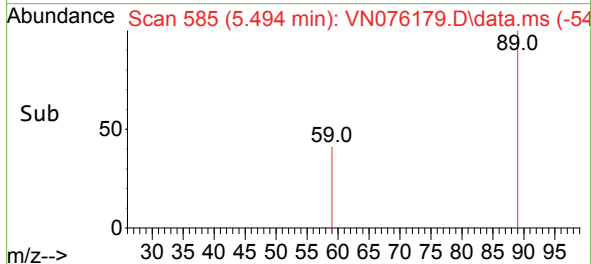
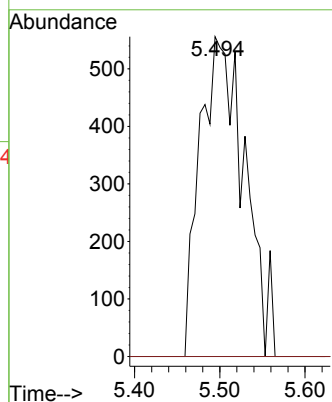


#11
Tert butyl alcohol
Concen: 3.901 ug/l
RT: 5.494 min Scan# 51
Delta R.T. -0.041 min
Lab File: VN076179.D
Acq: 10 Jan 2023 13:38

Instrument :
MSVOA_N
ClientSampleId :

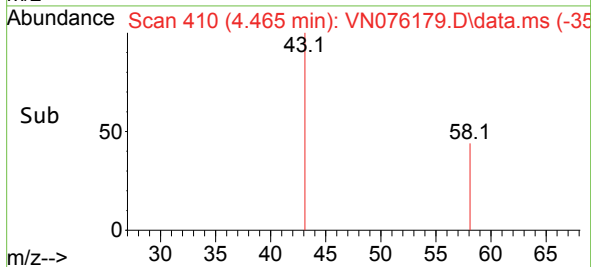
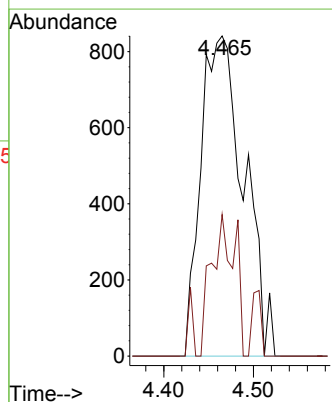
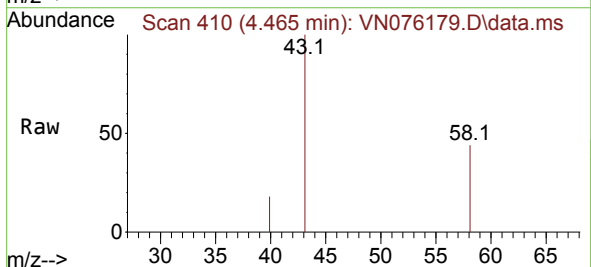


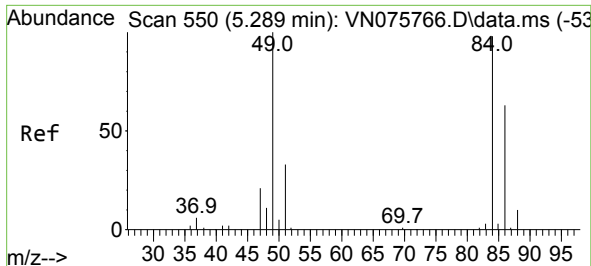
Tgt Ion: 59 Resp: 2039
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#16
Acetone
Concen: 2.202 ug/l
RT: 4.465 min Scan# 410
Delta R.T. 0.023 min
Lab File: VN076179.D
Acq: 10 Jan 2023 13:38

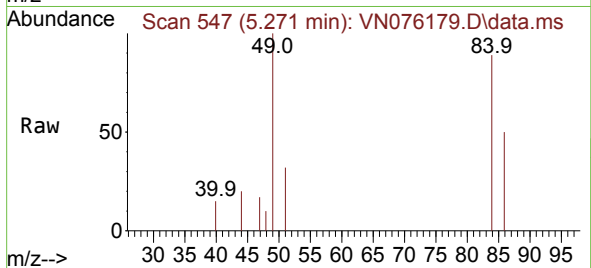
Tgt Ion: 43 Resp: 2804
Ion Ratio Lower Upper
43 100
58 44.2 28.6 43.0#



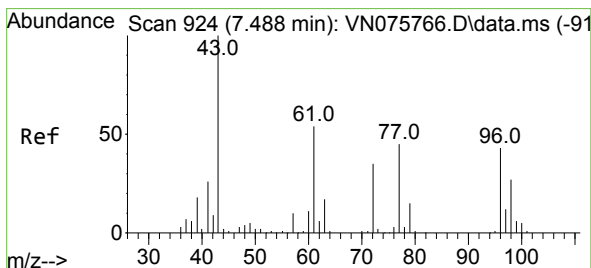
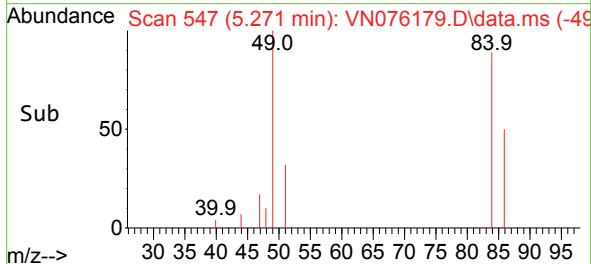
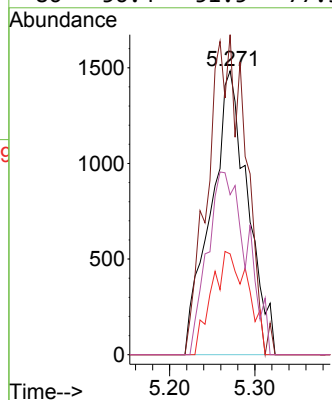


#20
Methylene Chloride
Concen: 0.676 ug/l
RT: 5.271 min Scan# 54
Delta R.T. -0.018 min
Lab File: VN076179.D
Acq: 10 Jan 2023 13:38

Instrument :
MSVOA_N
ClientSampleId :

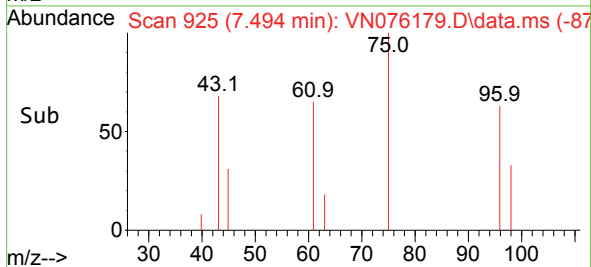
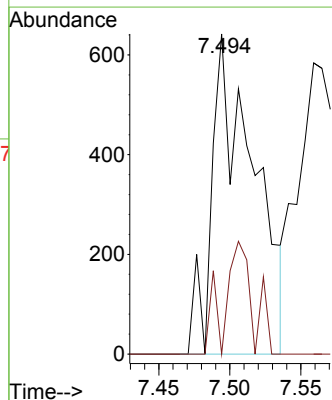
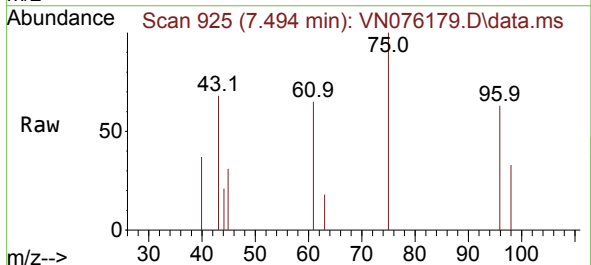


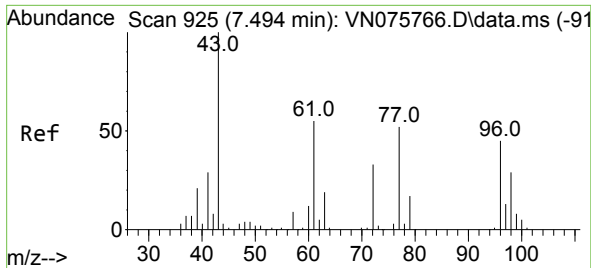
Tgt Ion: 84	Resp: 4454
Ion Ratio	Lower Upper
84 100	
49 112.7	81.8 122.6
51 35.5	26.7 40.1
86 56.4	51.5 77.3



#25
2-Butanone
Concen: 0.738 ug/l
RT: 7.494 min Scan# 925
Delta R.T. 0.006 min
Lab File: VN076179.D
Acq: 10 Jan 2023 13:38

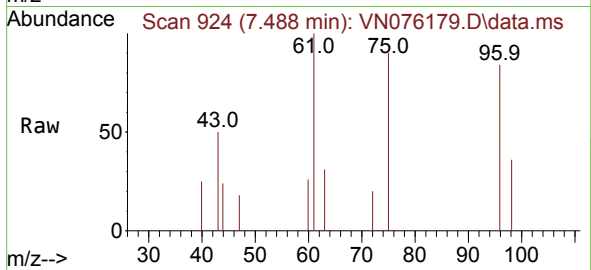
Tgt Ion: 43	Resp: 1315
Ion Ratio	Lower Upper
43 100	
72 0.0	28.0 42.0#



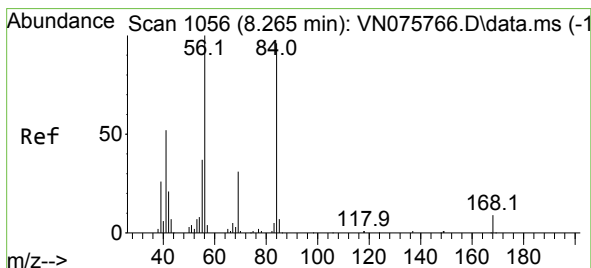
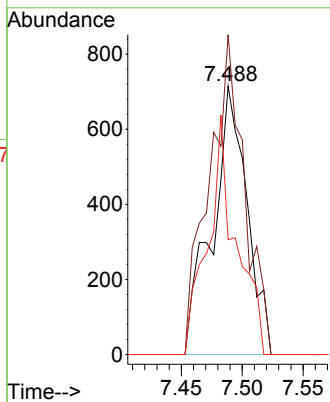
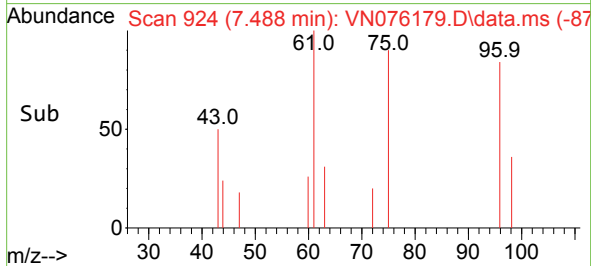


#27
 cis-1,2-Dichloroethene
 Concen: 0.360 ug/l
 RT: 7.488 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VN076179.D
 Acq: 10 Jan 2023 13:38

Instrument :
 MSVOA_N
 ClientSampleId :

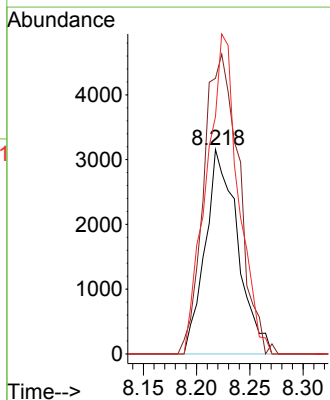
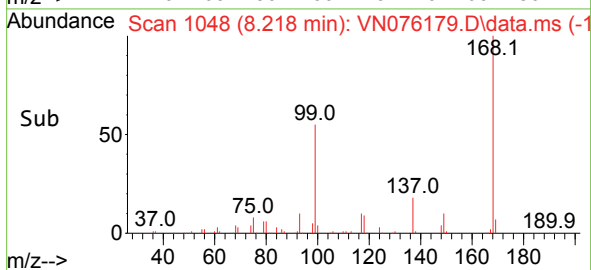
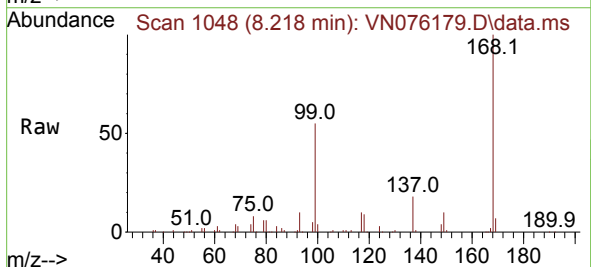


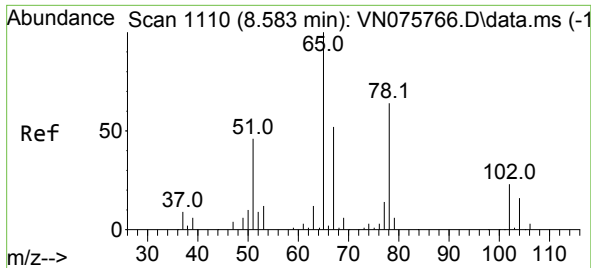
Tgt Ion: 96	Resp: 1418
Ion Ratio	Lower Upper
96 100	
61 121.4	0.0 247.8
98 71.9	0.0 128.4



#31
 Cyclohexane
 Concen: 1.264 ug/l
 RT: 8.218 min Scan# 1048
 Delta R.T. -0.047 min
 Lab File: VN076179.D
 Acq: 10 Jan 2023 13:38

Tgt Ion: 56	Resp: 6690
Ion Ratio	Lower Upper
56 100	
69 134.8	24.7 37.1#
84 116.1	76.5 114.7#





#33

1,2-Dichloroethane-d4

Concen: 48.761 ug/l

RT: 8.582 min Scan# 1110

Delta R.T. -0.000 min

Lab File: VN076179.D

Acq: 10 Jan 2023 13:38

Instrument :

MSVOA_N

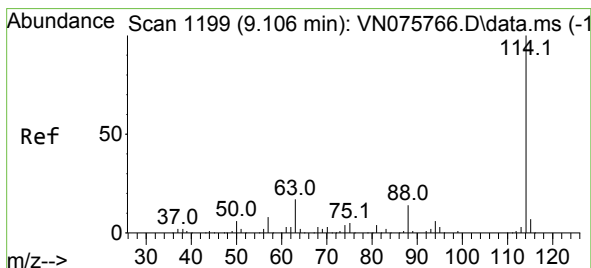
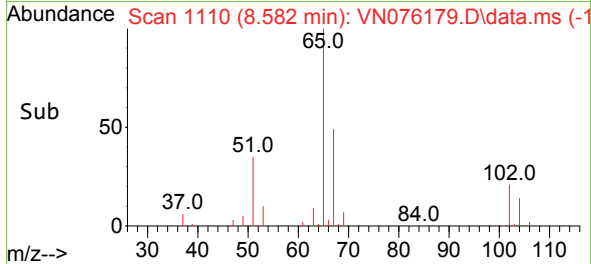
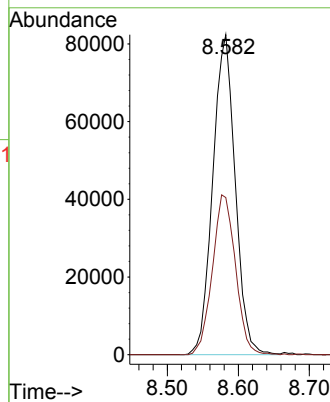
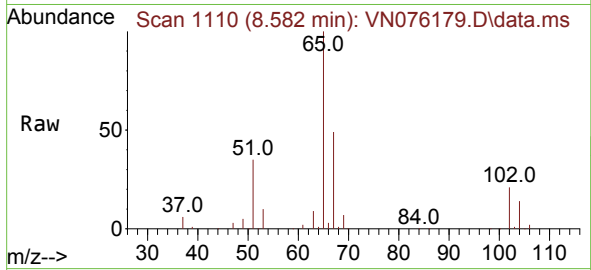
ClientSampleId :

Tgt Ion: 65 Resp: 180129

Ion Ratio Lower Upper

65 100

67 51.6 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1198

Delta R.T. -0.006 min

Lab File: VN076179.D

Acq: 10 Jan 2023 13:38

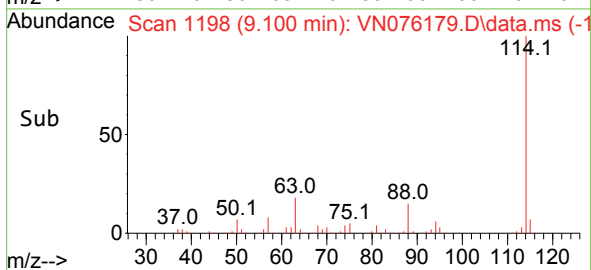
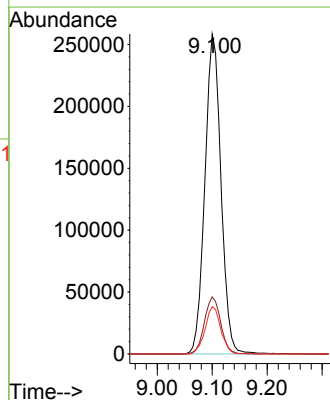
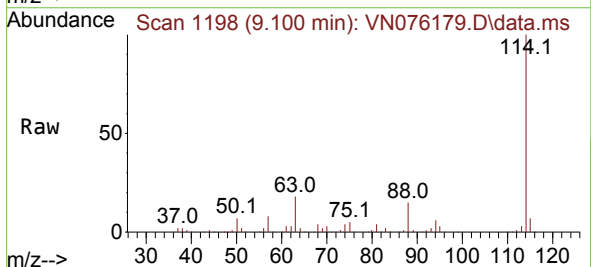
Tgt Ion:114 Resp: 525376

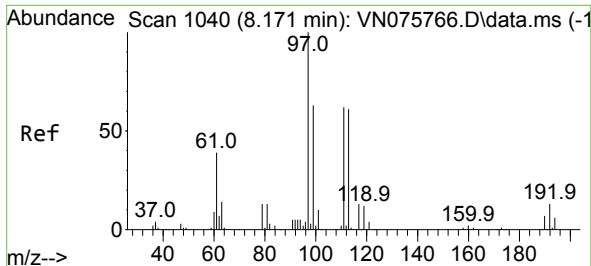
Ion Ratio Lower Upper

114 100

63 17.8 0.0 34.4

88 14.8 0.0 28.8

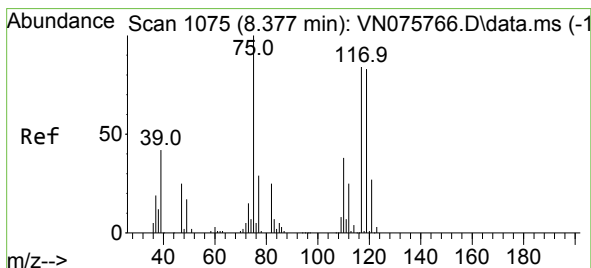
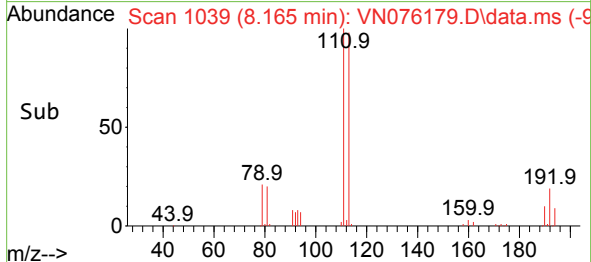
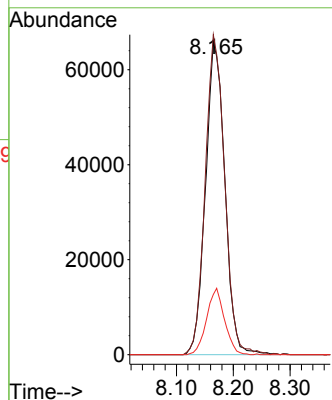
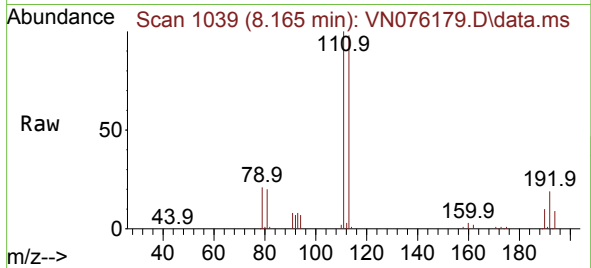




#35
Dibromofluoromethane
Concen: 47.824 ug/l
RT: 8.165 min Scan# 1039
Delta R.T. -0.006 min
Lab File: VN076179.D
Acq: 10 Jan 2023 13:38

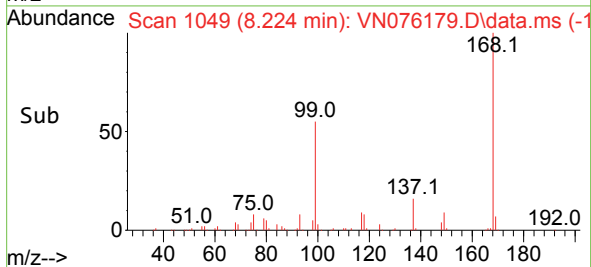
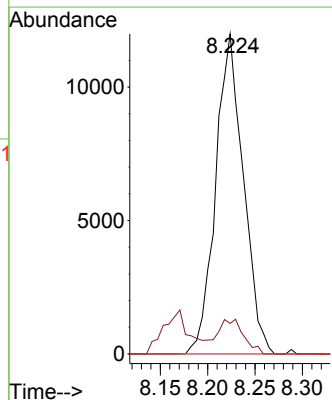
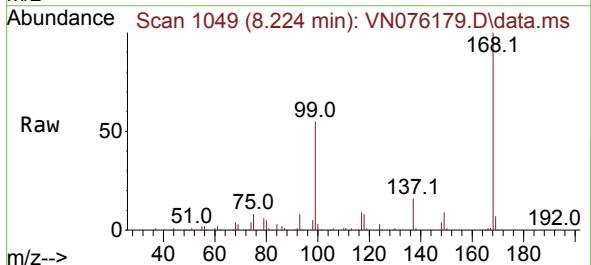
Instrument :
MSVOA_N
ClientSampleId :

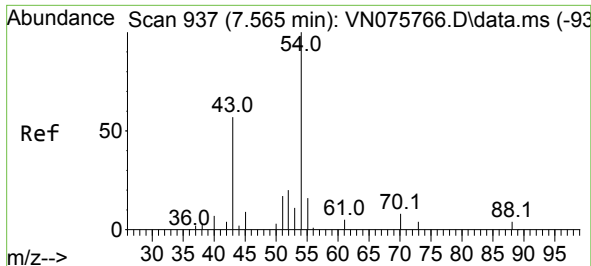
Tgt Ion:113 Resp: 155598
Ion Ratio Lower Upper
113 100
111 102.7 83.4 125.2
192 19.6 16.1 24.1



#36
1,1-Dichloropropene
Concen: 5.644 ug/l
RT: 8.224 min Scan# 1049
Delta R.T. -0.153 min
Lab File: VN076179.D
Acq: 10 Jan 2023 13:38

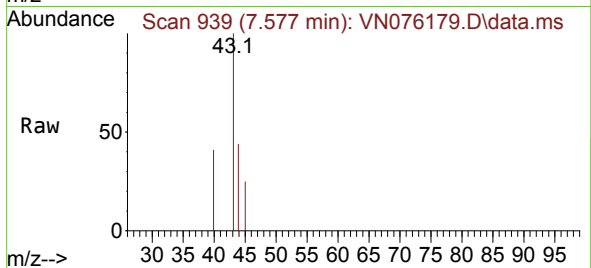
Tgt Ion: 75 Resp: 24394
Ion Ratio Lower Upper
75 100
110 10.1 18.8 56.4#
77 0.0 24.1 36.1#



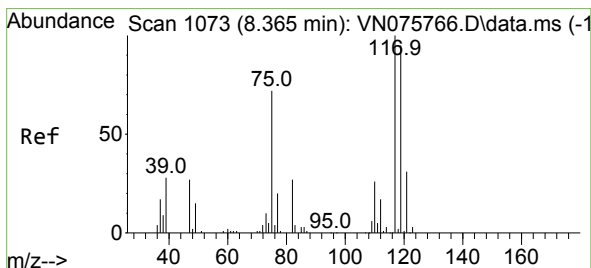
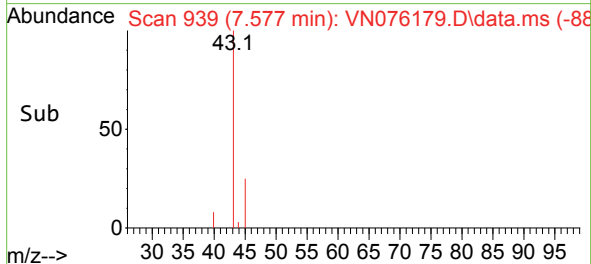
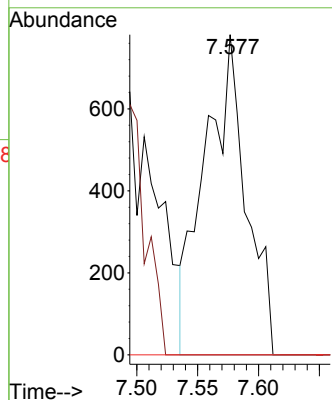


#37
Ethyl Acetate
Concen: 0.529 ug/l
RT: 7.577 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN076179.D
Acq: 10 Jan 2023 13:38

Instrument :
MSVOA_N
ClientSampleId :

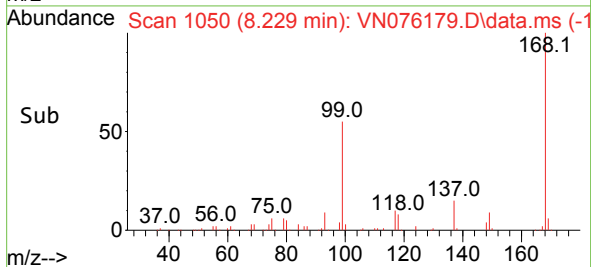
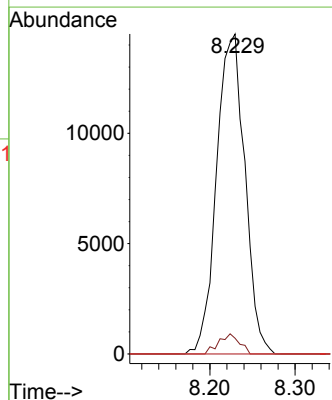
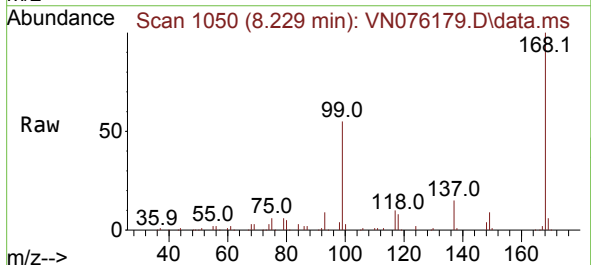


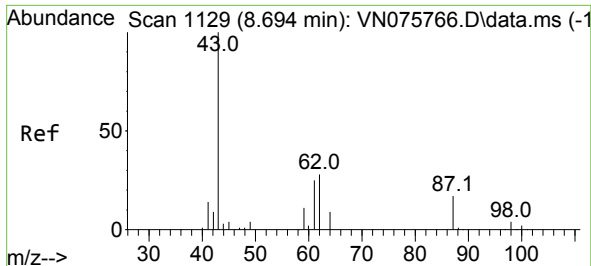
Tgt Ion: 43 Resp: 1838
Ion Ratio Lower Upper
43 100
61 0.0 13.0 19.4#
70 0.0 9.4 14.0#



#38
Carbon Tetrachloride
Concen: 6.916 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.135 min
Lab File: VN076179.D
Acq: 10 Jan 2023 13:38

Tgt Ion: 117 Resp: 33457
Ion Ratio Lower Upper
117 100
119 4.9 76.1 114.1#
121 0.0 24.5 36.7#

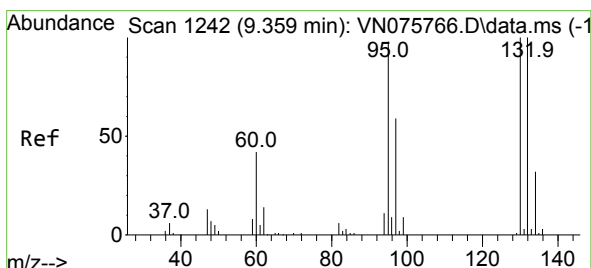
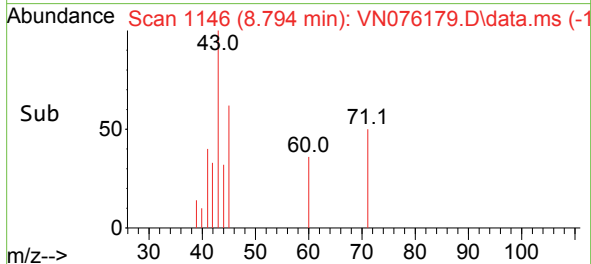
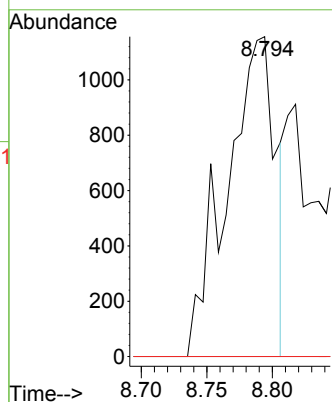
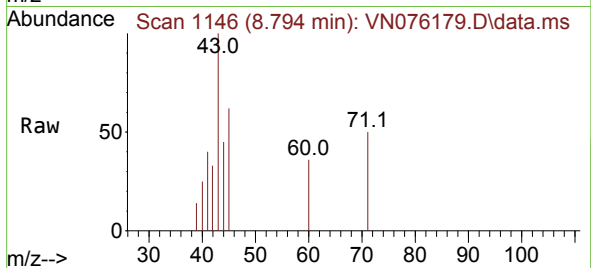




#43
Isopropyl Acetate
Concen: 0.519 ug/l
RT: 8.794 min Scan# 1129
Delta R.T. 0.100 min
Lab File: VN076179.D
Acq: 10 Jan 2023 13:38

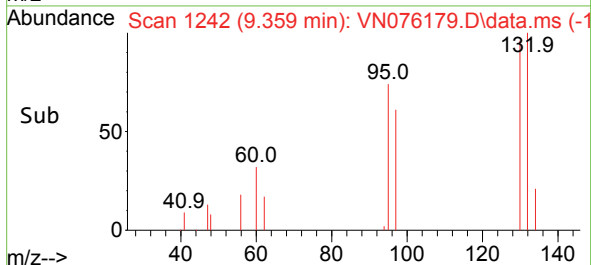
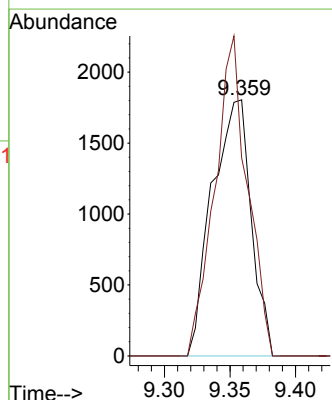
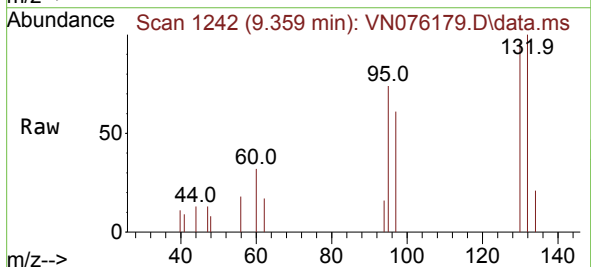
Instrument :
MSVOA_N
ClientSampleId :

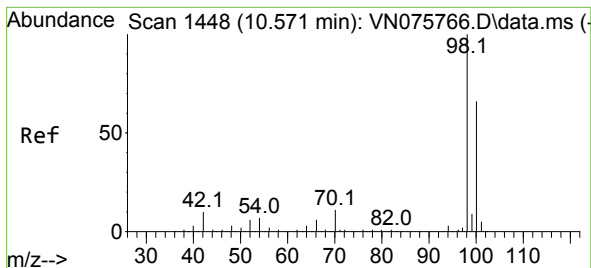
Tgt Ion: 43 Resp: 2973
Ion Ratio Lower Upper
43 100
61 0.0 24.2 36.4#
87 0.0 13.3 19.9#



#44
Trichloroethene
Concen: 0.995 ug/l
RT: 9.359 min Scan# 1242
Delta R.T. -0.000 min
Lab File: VN076179.D
Acq: 10 Jan 2023 13:38

Tgt Ion:130 Resp: 3737
Ion Ratio Lower Upper
130 100
95 77.3 0.0 195.4

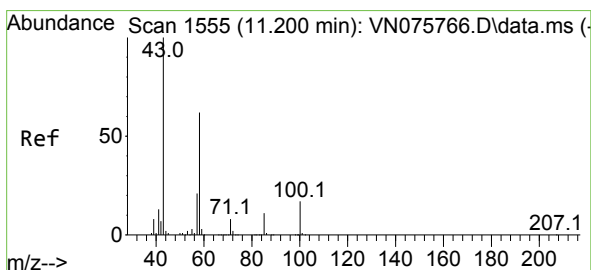
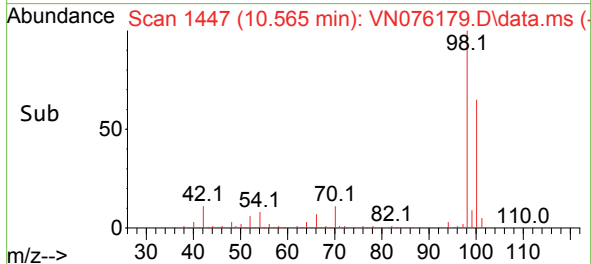
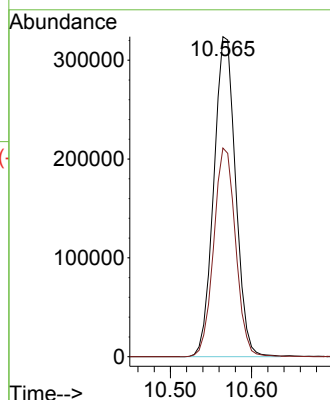
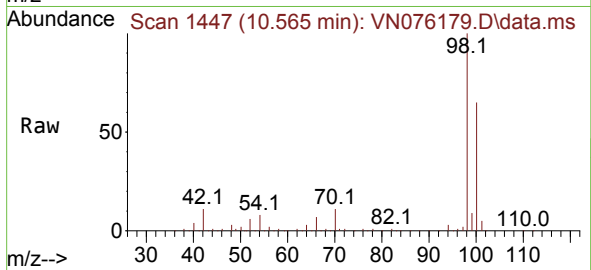




#50
Toluene-d8
Concen: 49.652 ug/l
RT: 10.565 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VN076179.D
Acq: 10 Jan 2023 13:38

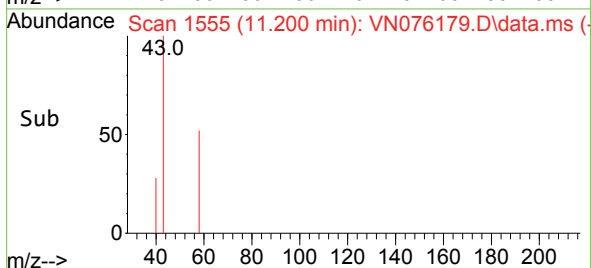
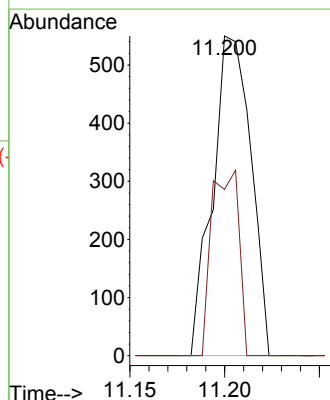
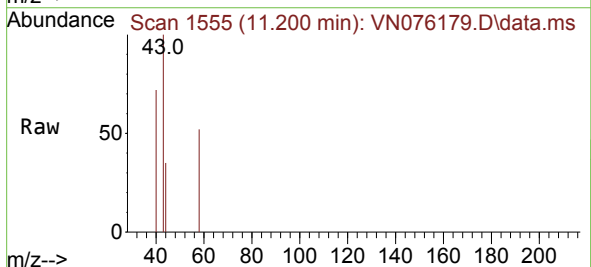
Instrument :
MSVOA_N
ClientSampleId :

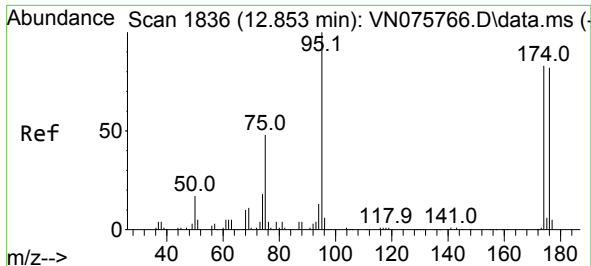
Tgt Ion: 98 Resp: 604000
Ion Ratio Lower Upper
98 100
100 65.6 52.1 78.1



#59
2-Hexanone
Concen: 0.306 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN076179.D
Acq: 10 Jan 2023 13:38

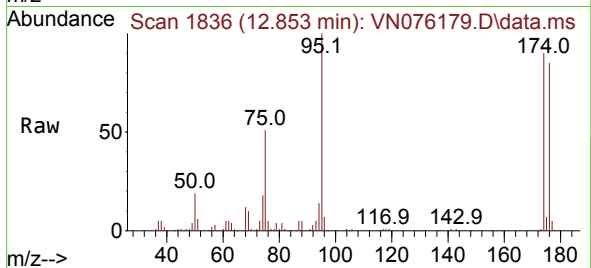
Tgt Ion: 43 Resp: 774
Ion Ratio Lower Upper
43 100
58 41.3 30.6 92.0



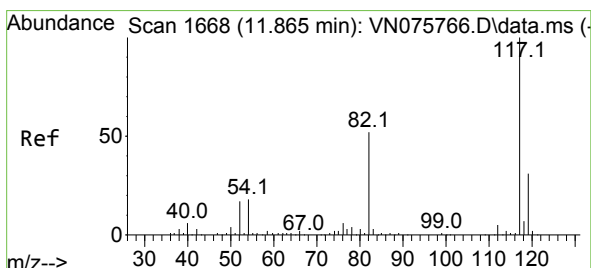
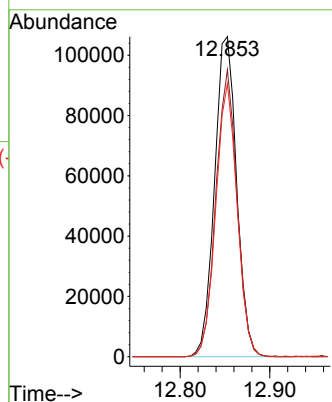
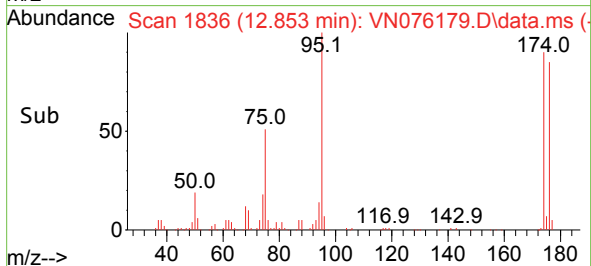


#62
4-Bromofluorobenzene
Concen: 45.033 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN076179.D
Acq: 10 Jan 2023 13:38

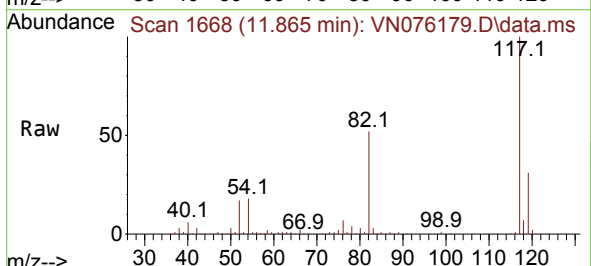
Instrument :
MSVOA_N
ClientSampleId :



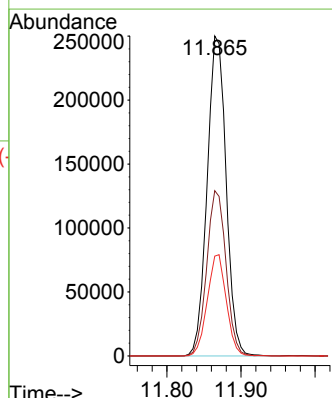
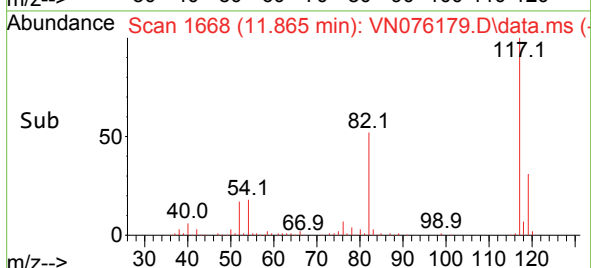
Tgt Ion: 95 Resp: 181444
Ion Ratio Lower Upper
95 100
174 86.0 0.0 171.6
176 82.2 0.0 169.2

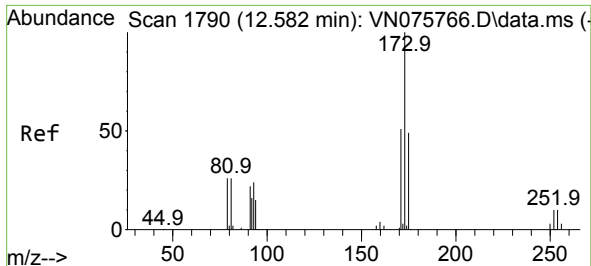


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VN076179.D
Acq: 10 Jan 2023 13:38



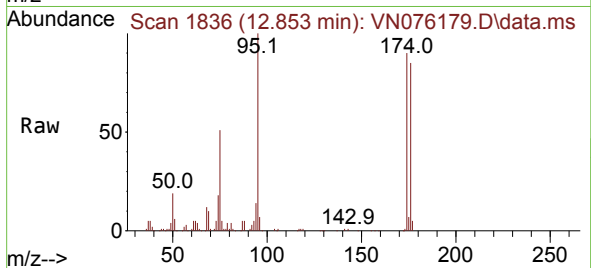
Tgt Ion: 117 Resp: 445218
Ion Ratio Lower Upper
117 100
82 51.6 41.3 61.9
119 31.2 24.6 37.0



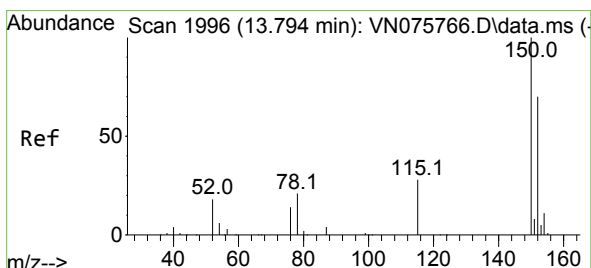
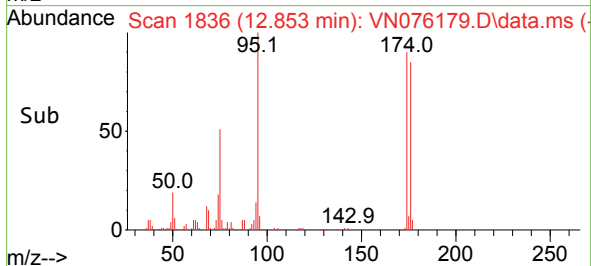
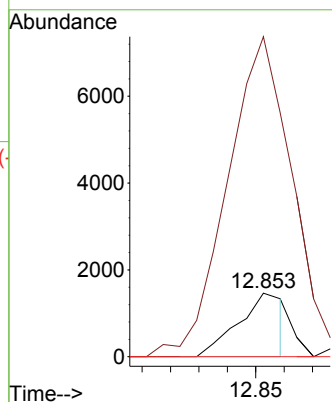


#71
Bromoform
Concen: 0.664 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.270 min
Lab File: VN076179.D
Acq: 10 Jan 2023 13:38

Instrument :
MSVOA_N
ClientSampleId :

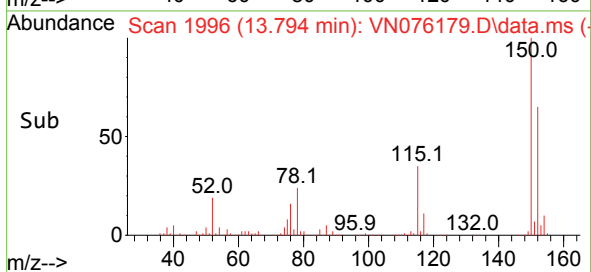
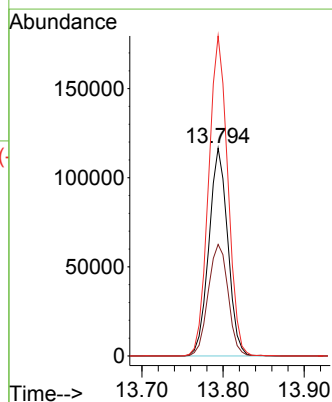
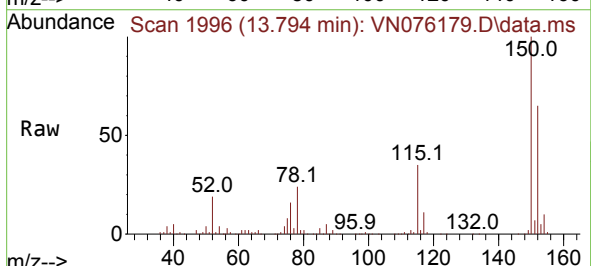


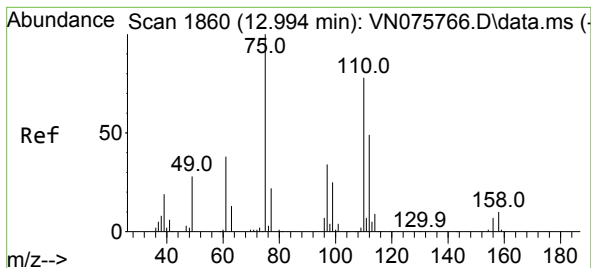
Tgt Ion:173 Resp: 1635
Ion Ratio Lower Upper
173 100
175 591.7 24.3 72.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN076179.D
Acq: 10 Jan 2023 13:38

Tgt Ion:152 Resp: 188075
Ion Ratio Lower Upper
152 100
115 56.6 29.1 87.4
150 156.7 0.0 347.0





#76

1,2,3-Trichloropropane

Concen: 24.338 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. -0.141 min

Lab File: VN076179.D

Acq: 10 Jan 2023 13:38

Instrument :

MSVOA_N

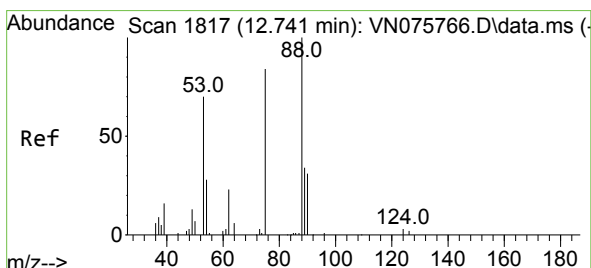
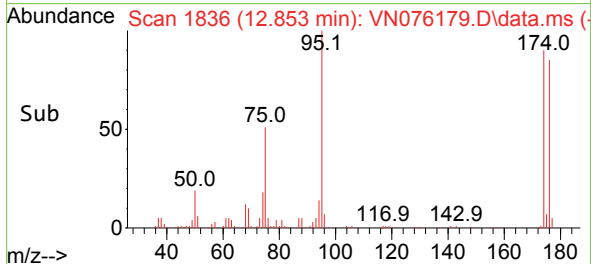
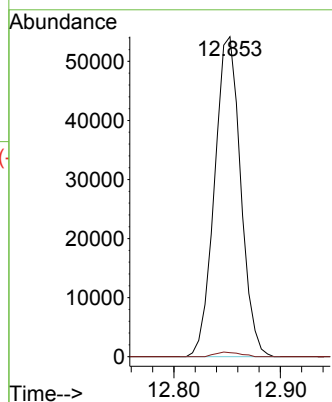
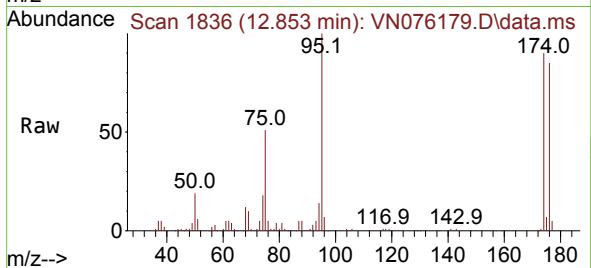
ClientSampleId :

Tgt Ion: 75 Resp: 92267

Ion Ratio Lower Upper

75 100

77 1.4 82.6 247.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 87.603 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. 0.112 min

Lab File: VN076179.D

Acq: 10 Jan 2023 13:38

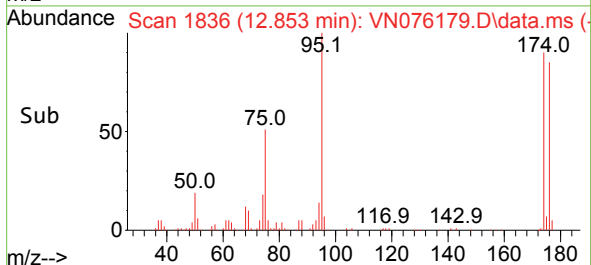
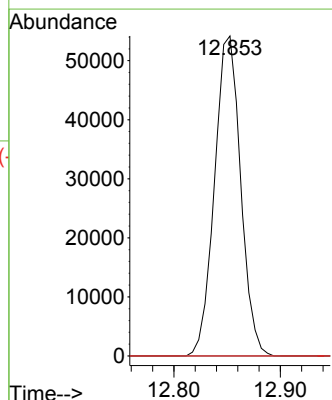
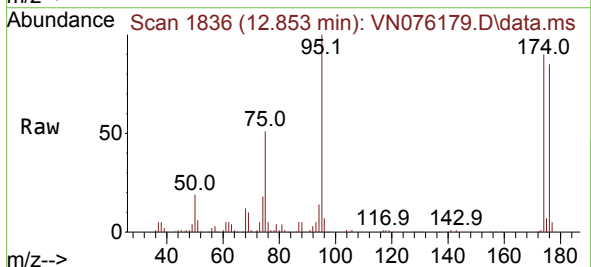
Tgt Ion: 75 Resp: 92267

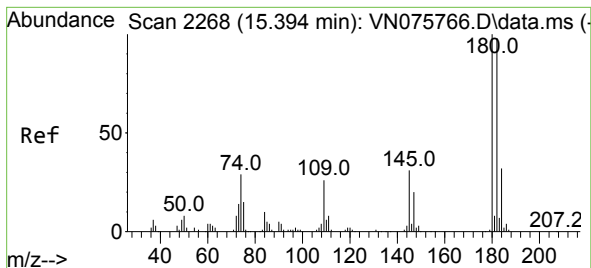
Ion Ratio Lower Upper

75 100

53 0.0 73.8 110.6#

89 0.0 39.5 59.3#





#93

1,2,4-Trichlorobenzene

Concen: 0.318 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

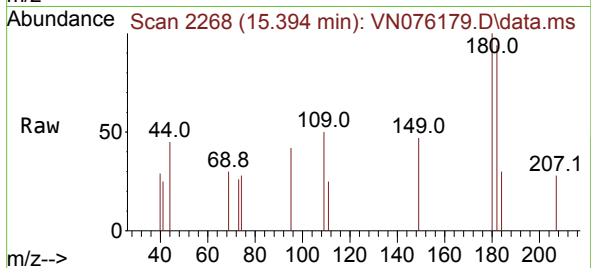
Lab File: VN076179.D

Acq: 10 Jan 2023 13:38

Instrument :

MSVOA_N

ClientSampleId :



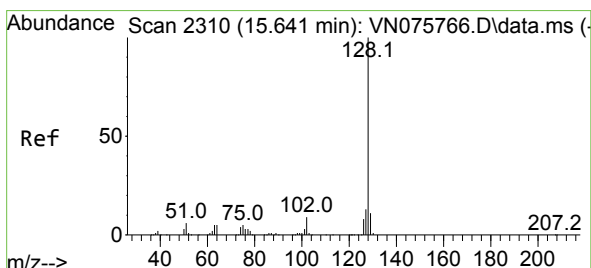
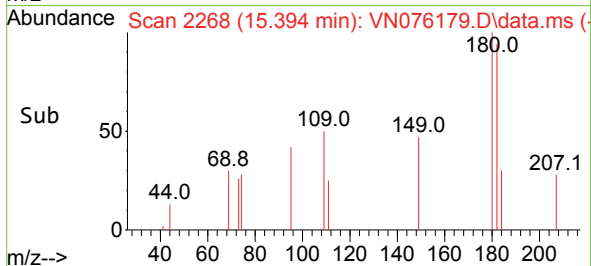
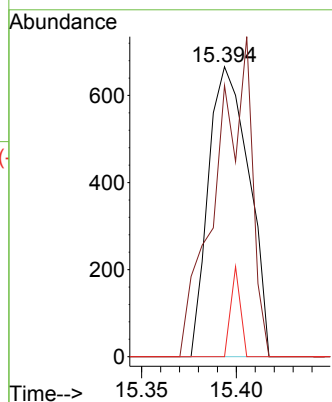
Tgt Ion:180 Resp: 986

Ion Ratio Lower Upper

180 100

182 97.1 47.5 142.5

145 7.4 15.3 45.8#



#95

Naphthalene

Concen: 2.627 ug/l

RT: 15.641 min Scan# 2310

Delta R.T. -0.000 min

Lab File: VN076179.D

Acq: 10 Jan 2023 13:38

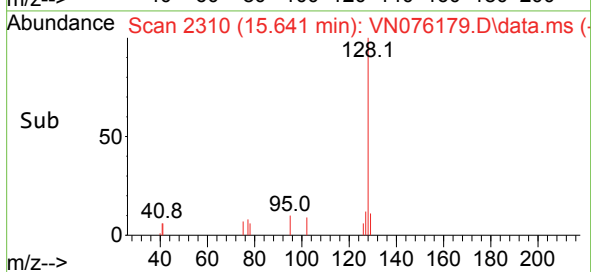
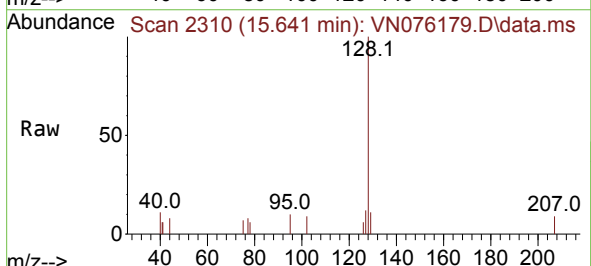
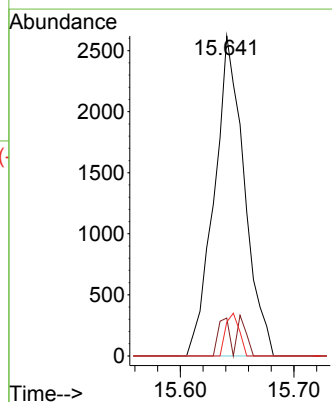
Tgt Ion:128 Resp: 4813

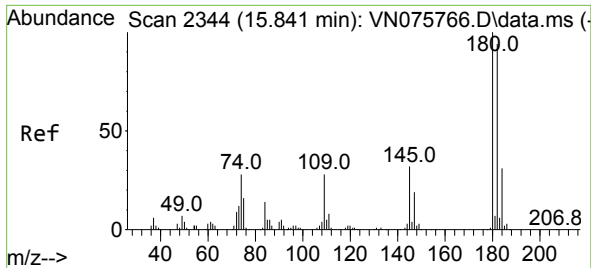
Ion Ratio Lower Upper

128 100

127 4.4 10.4 15.6#

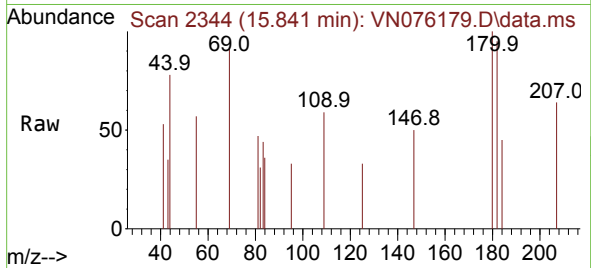
129 0.0 8.7 13.1#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.365 ug/l
 RT: 15.841 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN076179.D
 Acq: 10 Jan 2023 13:38

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:180 Resp: 1057
 Ion Ratio Lower Upper
 180 100
 182 75.9 47.0 141.0
 145 5.7 16.0 47.9#

