

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110222\
 Data File : VN075125.D
 Acq On : 02 Nov 2022 18:28
 Operator : JC\MD
 Sample : N5395-15
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S-12-103122

Quant Time: Nov 03 04:21:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 09:48:49 2022
 Response via : Initial Calibration

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

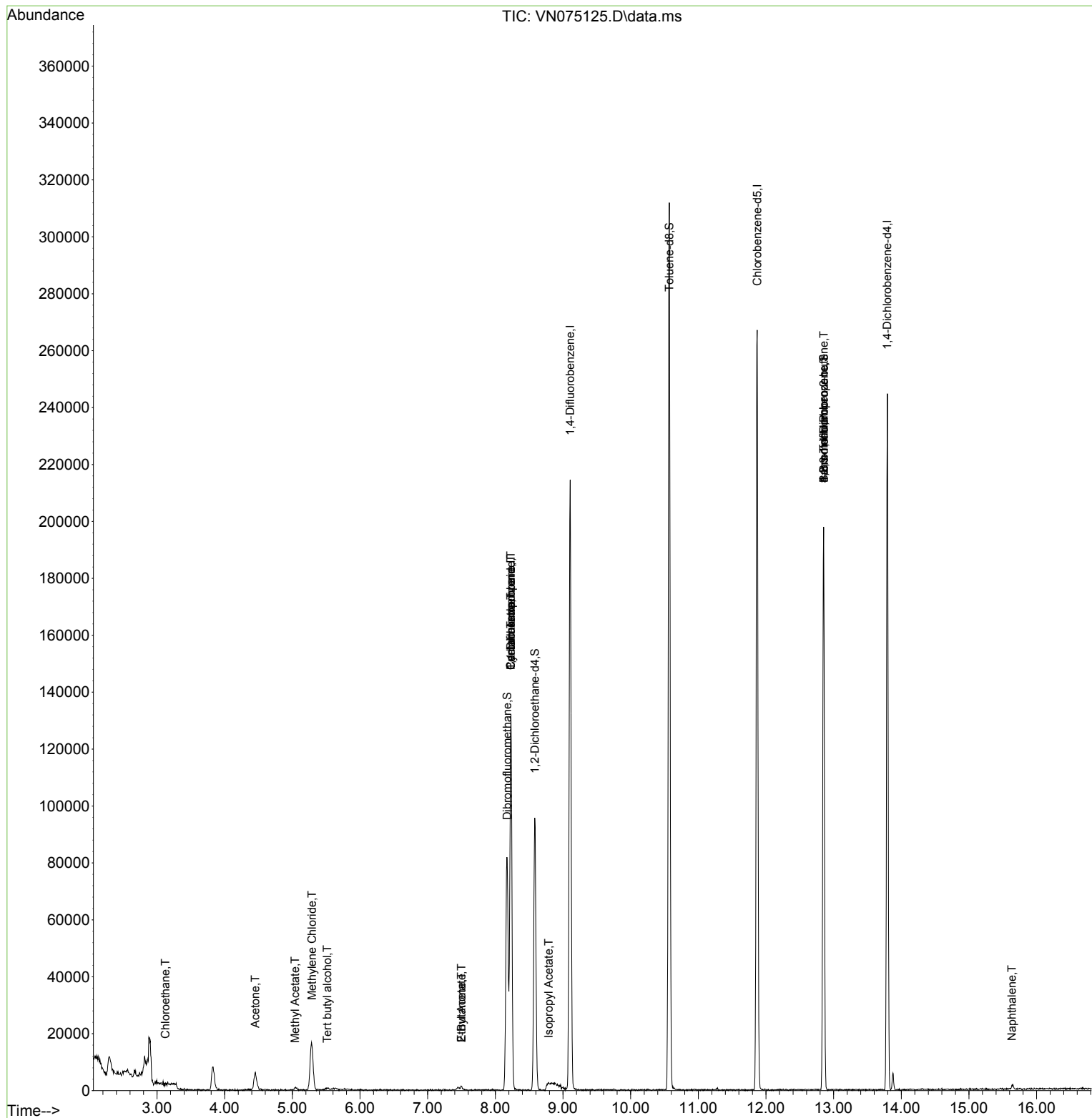
Internal Standards						
1) Pentafluorobenzene	8.230	168	88681	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	183731	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	153384	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	60285	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	79377	66.431	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 132.860%#	
35) Dibromofluoromethane	8.177	113	59076	54.771	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 109.540%	
50) Toluene-d8	10.571	98	212866	50.868	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.740%	
62) 4-Bromofluorobenzene	12.853	95	65277	44.406	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 88.820%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.918	94	59	Below Cal	#	5
6) Chloroethane	3.124	64	359	0.286	ug/l #	45
11) Tert butyl alcohol	5.518	59	261	0.937	ug/l #	72
16) Acetone	4.453	43	12079	23.874	ug/l	97
18) Methyl Acetate	5.042	43	1739	1.052	ug/l #	73
20) Methylene Chloride	5.289	84	13828	12.258	ug/l	92
25) 2-Butanone	7.500	43	2137	2.685	ug/l	91
31) Cyclohexane	8.230	56	2396	1.348	ug/l #	36
36) 1,1-Dichloropropene	8.230	75	8150	4.881	ug/l #	48
37) Ethyl Acetate	7.500	43	2137	1.167	ug/l #	66
38) Carbon Tetrachloride	8.230	117	10538	5.737	ug/l #	16
43) Isopropyl Acetate	8.788	43	2452	0.863	ug/l #	53
71) Bromoform	12.853	173	603	0.663	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	37321	29.157	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	37321	74.845	ug/l #	10
95) Naphthalene	15.635	128	2208	0.643	ug/l #	84

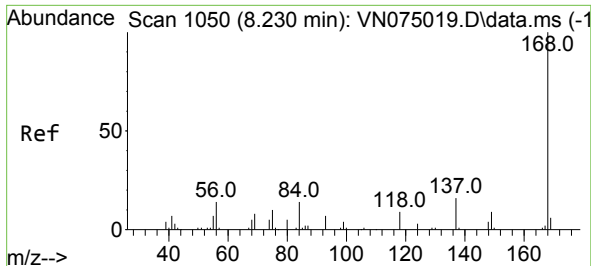
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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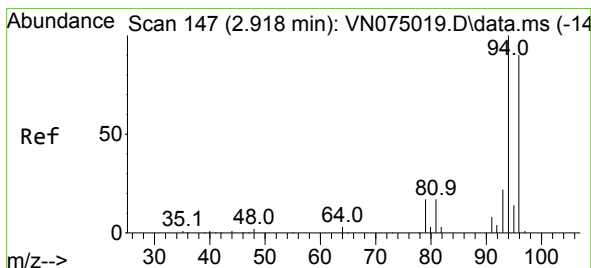
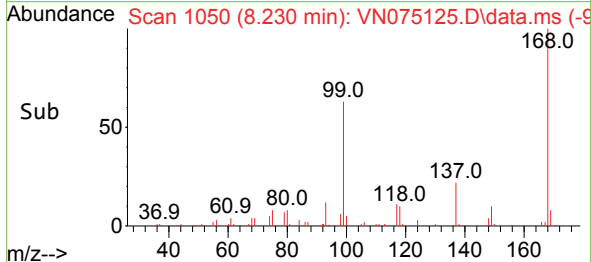
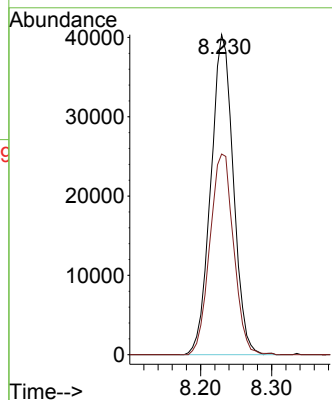
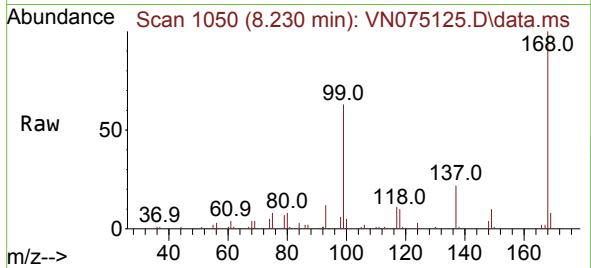




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN075125.D
Acq: 02 Nov 2022 18:28

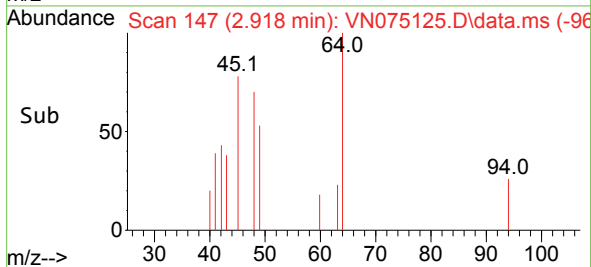
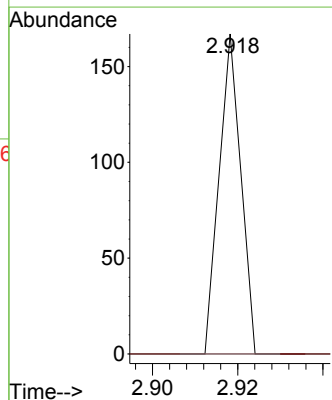
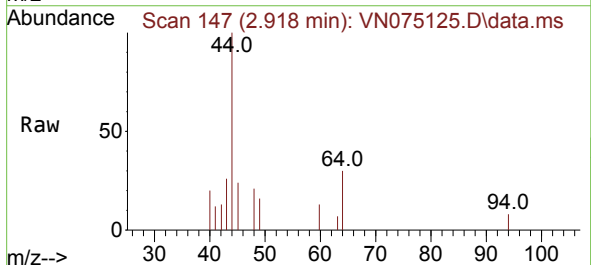
Instrument :
MSVOA_N
ClientSampleId :
S-12-103122

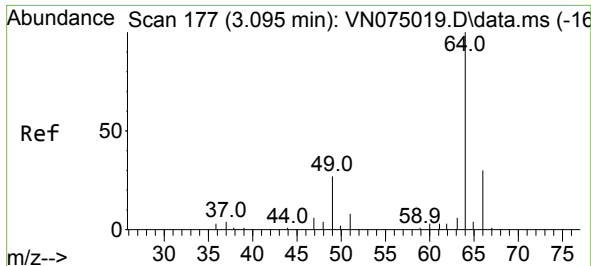
Tgt Ion:168 Resp: 88681
Ion Ratio Lower Upper
168 100
99 62.7 51.6 77.4



#5
Bromomethane
Concen: Below Cal
RT: 2.918 min Scan# 147
Delta R.T. 0.000 min
Lab File: VN075125.D
Acq: 02 Nov 2022 18:28

Tgt Ion: 94 Resp: 59
Ion Ratio Lower Upper
94 100
96 0.0 71.8 107.6#

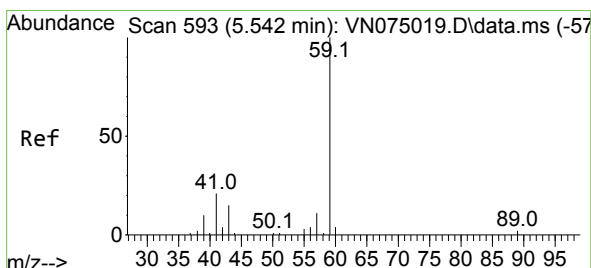
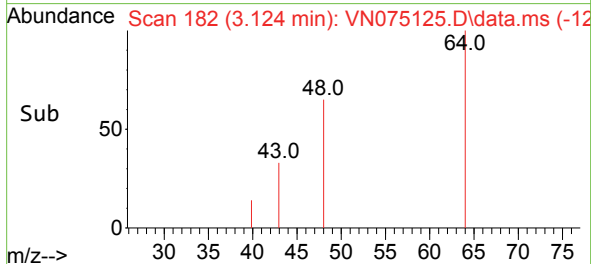
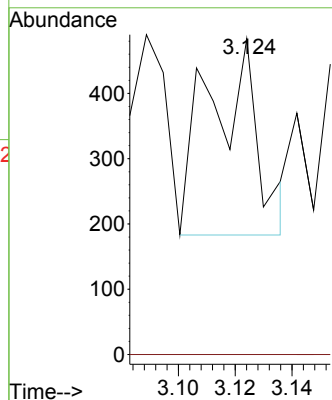
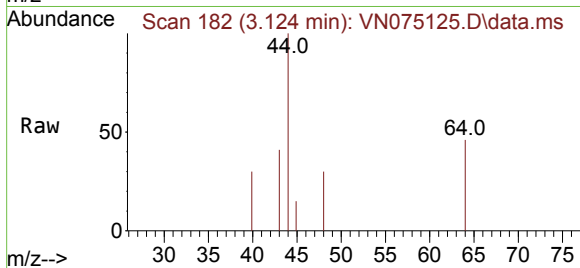




#6
Chloroethane
Concen: 0.286 ug/l
RT: 3.124 min Scan# 11
Delta R.T. 0.029 min
Lab File: VN075125.D
Acq: 02 Nov 2022 18:28

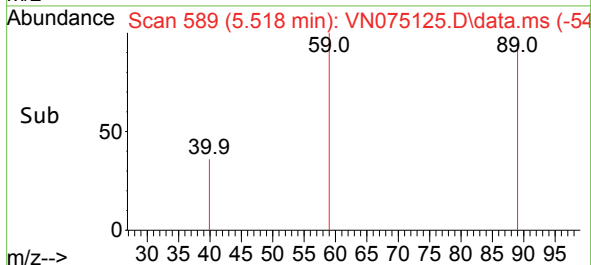
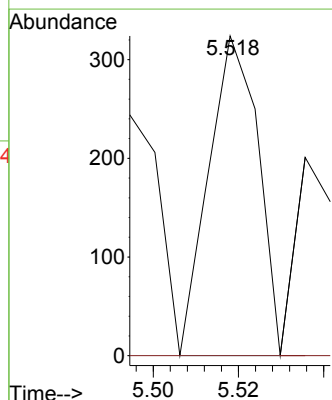
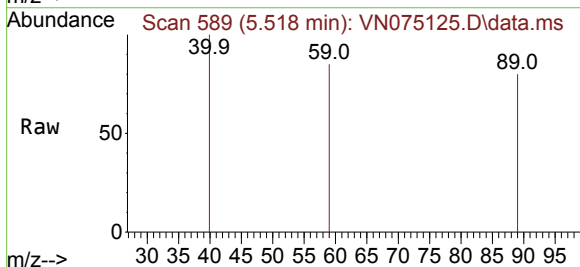
Instrument :
MSVOA_N
ClientSampleId :
S-12-103122

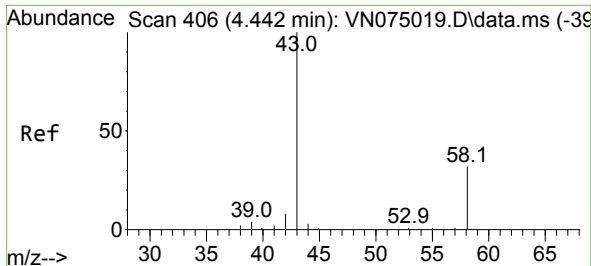
Tgt Ion: 64 Resp: 359
Ion Ratio Lower Upper
64 100
66 0.0 23.8 35.8#



#11
Tert butyl alcohol
Concen: 0.937 ug/l
RT: 5.518 min Scan# 589
Delta R.T. -0.024 min
Lab File: VN075125.D
Acq: 02 Nov 2022 18:28

Tgt Ion: 59 Resp: 261
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#

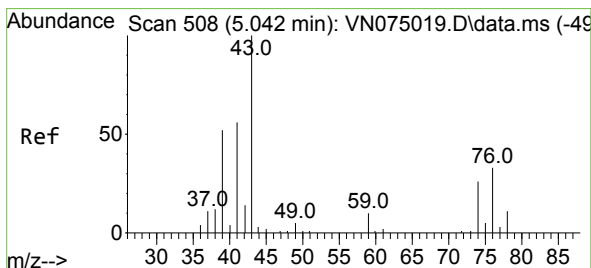
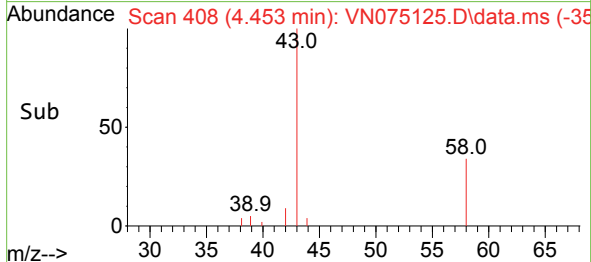
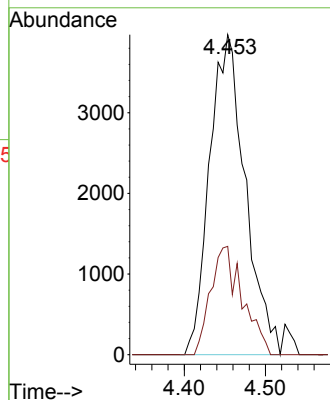
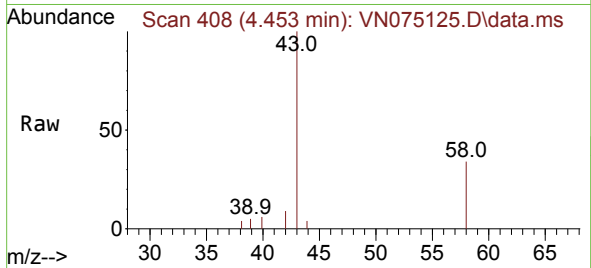




#16
Acetone
Concen: 23.874 ug/l
RT: 4.453 min Scan# 406
Delta R.T. 0.011 min
Lab File: VN075125.D
Acq: 02 Nov 2022 18:28

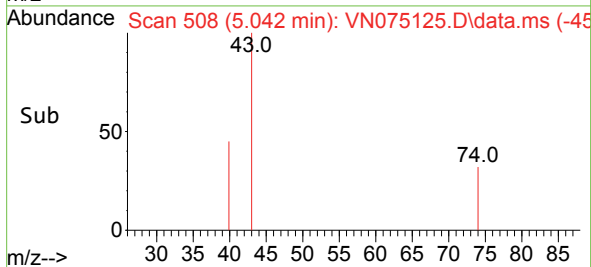
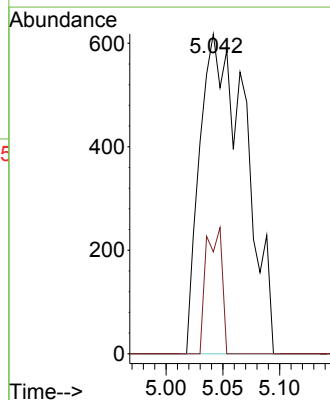
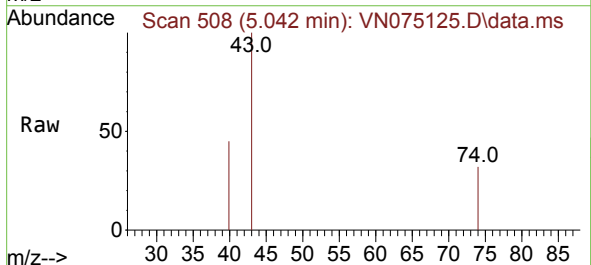
Instrument :
MSVOA_N
ClientSampleId :
S-12-103122

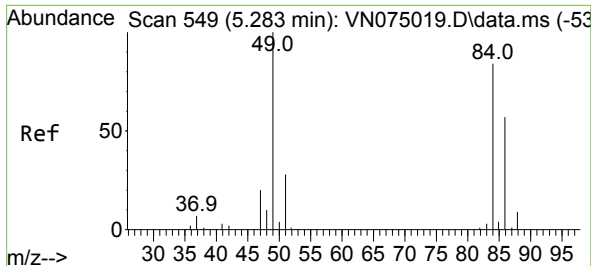
Tgt Ion: 43 Resp: 12079
Ion Ratio Lower Upper
43 100
58 33.8 25.5 38.3



#18
Methyl Acetate
Concen: 1.052 ug/l
RT: 5.042 min Scan# 508
Delta R.T. -0.000 min
Lab File: VN075125.D
Acq: 02 Nov 2022 18:28

Tgt Ion: 43 Resp: 1739
Ion Ratio Lower Upper
43 100
74 13.6 22.0 33.0#

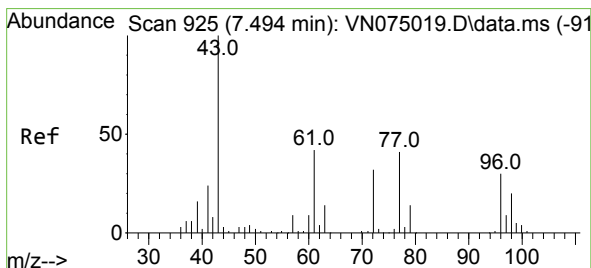
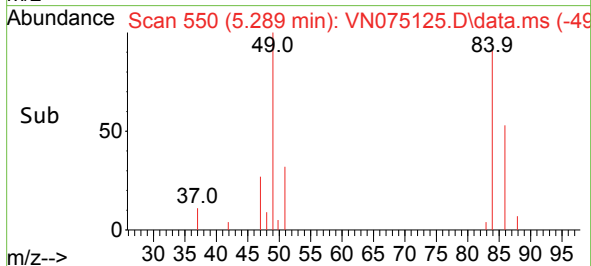
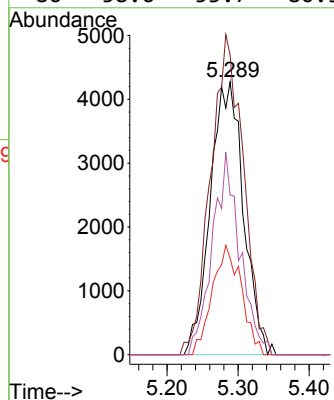
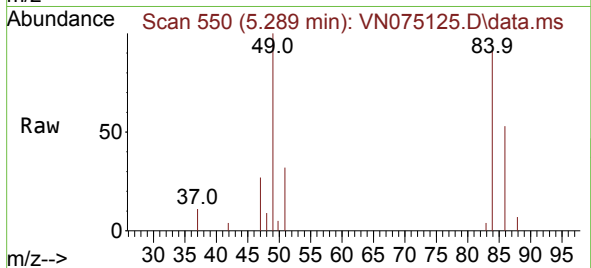




#20
Methylene Chloride
Concen: 12.258 ug/l
RT: 5.289 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN075125.D
Acq: 02 Nov 2022 18:28

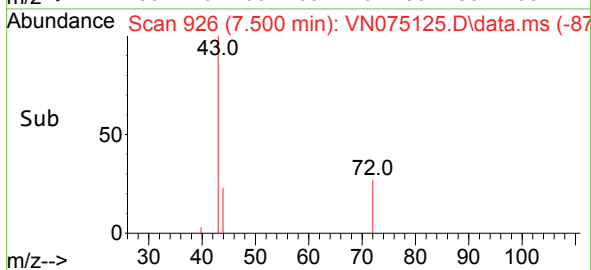
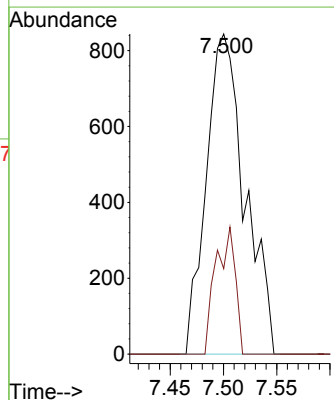
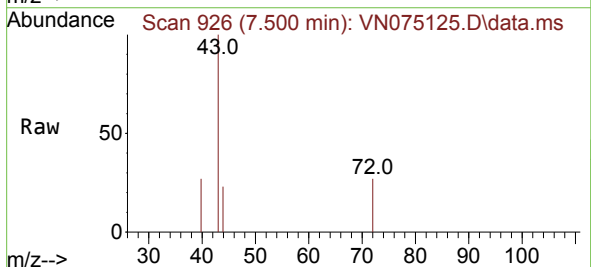
Instrument :
MSVOA_N
ClientSampleId :
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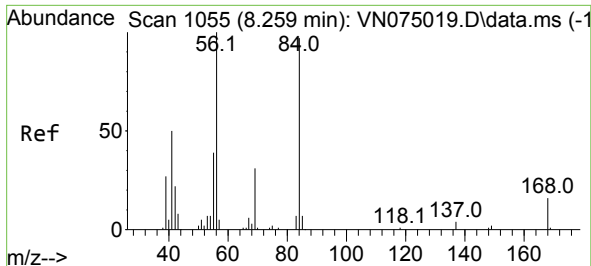
Tgt Ion: 84	Resp: 13828
Ion Ratio	Lower Upper
84 100	
49 109.9	94.9 142.3
51 35.4	26.8 40.2
86 58.6	53.7 80.5



#25
2-Butanone
Concen: 2.685 ug/l
RT: 7.500 min Scan# 926
Delta R.T. 0.006 min
Lab File: VN075125.D
Acq: 02 Nov 2022 18:28

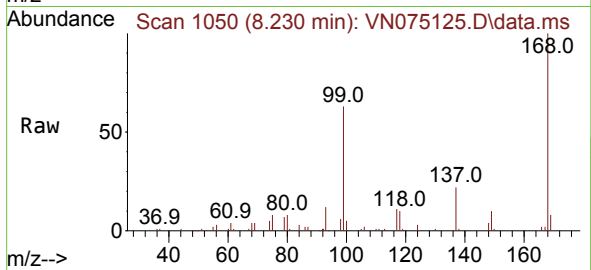
Tgt Ion: 43	Resp: 2137
Ion Ratio	Lower Upper
43 100	
72 26.7	25.5 38.3



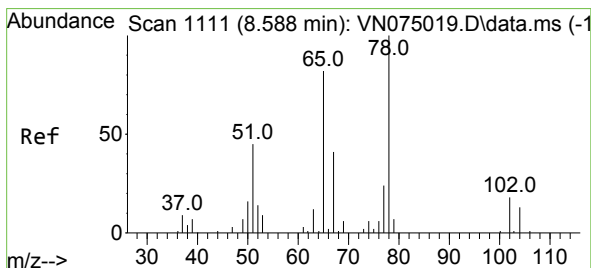
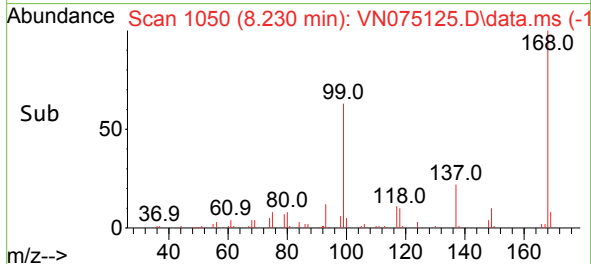
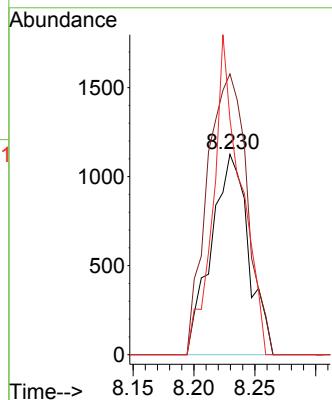


#31
Cyclohexane
Concen: 1.348 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.029 min
Lab File: VN075125.D
Acq: 02 Nov 2022 18:28

Instrument :
MSVOA_N
ClientSampleId :
S-12-103122

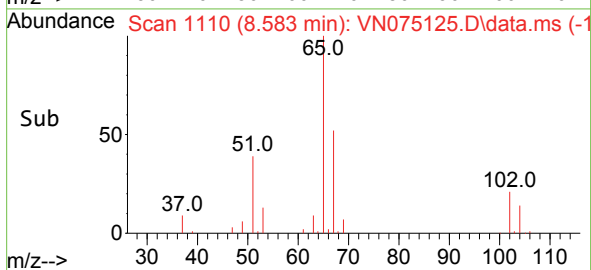
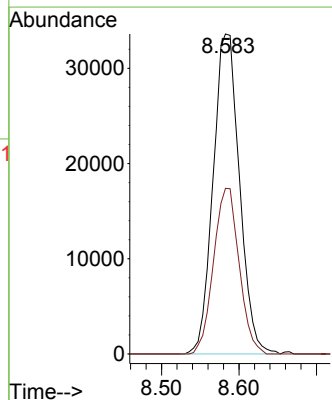
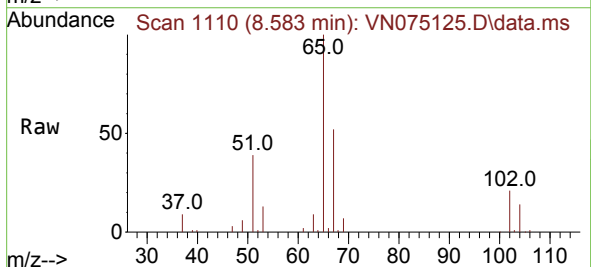


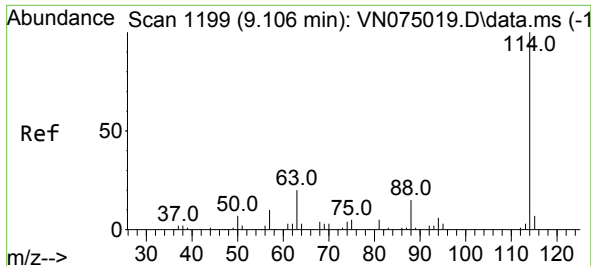
Tgt Ion: 56 Resp: 2396
Ion Ratio Lower Upper
56 100
69 140.2 25.2 37.8#
84 117.5 77.8 116.8#



#33
1,2-Dichloroethane-d4
Concen: 66.431 ug/l
RT: 8.583 min Scan# 1110
Delta R.T. -0.005 min
Lab File: VN075125.D
Acq: 02 Nov 2022 18:28

Tgt Ion: 65 Resp: 79377
Ion Ratio Lower Upper
65 100
67 50.2 0.0 102.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075125.D

Acq: 02 Nov 2022 18:28

Instrument :

MSVOA_N

ClientSampleId :

S-12-103122

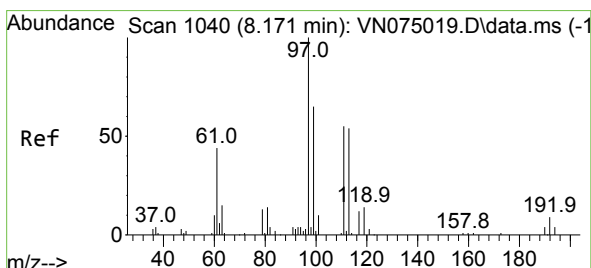
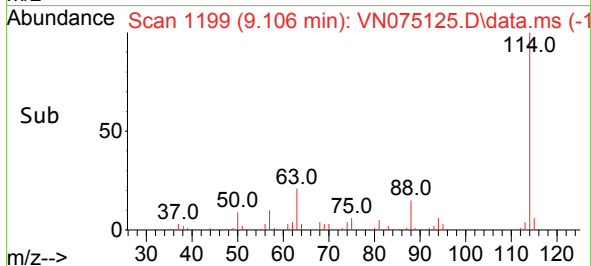
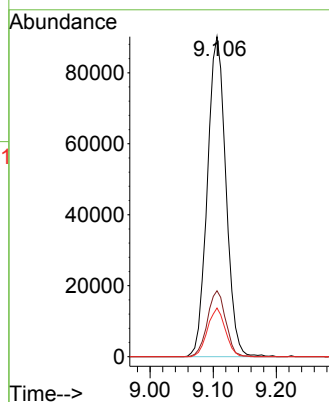
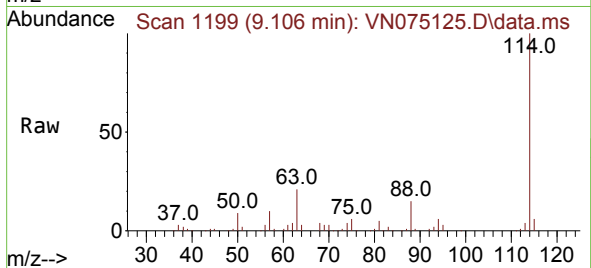
Tgt Ion:114 Resp: 183731

Ion Ratio Lower Upper

114 100

63 20.6 0.0 39.6

88 15.2 0.0 29.0



#35

Dibromofluoromethane

Concen: 54.771 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN075125.D

Acq: 02 Nov 2022 18:28

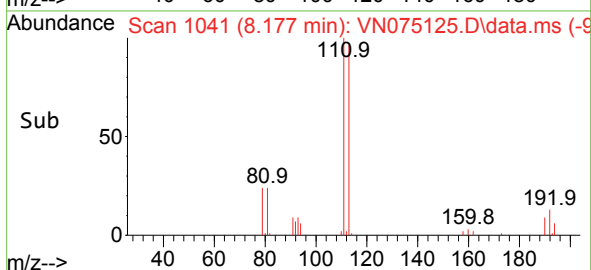
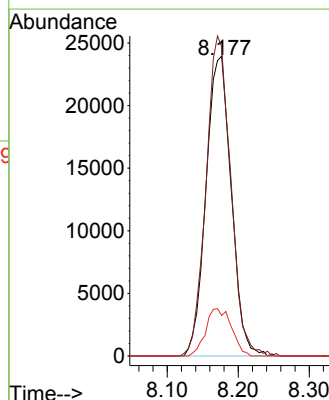
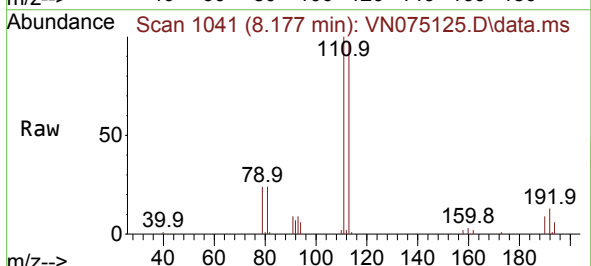
Tgt Ion:113 Resp: 59076

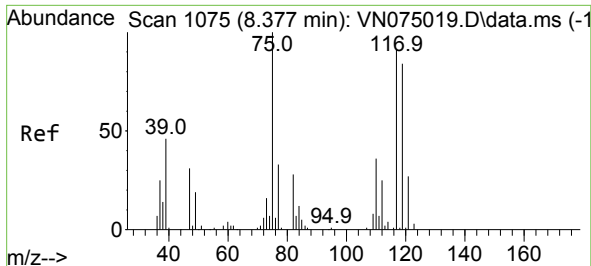
Ion Ratio Lower Upper

113 100

111 104.4 80.5 120.7

192 16.1 13.2 19.8





#36

1,1-Dichloropropene

Concen: 4.881 ug/l

RT: 8.230 min Scan# 1050

Delta R.T. -0.147 min

Lab File: VN075125.D

Acq: 02 Nov 2022 18:28

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S-12-103122

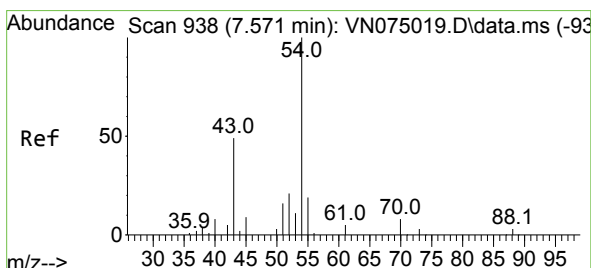
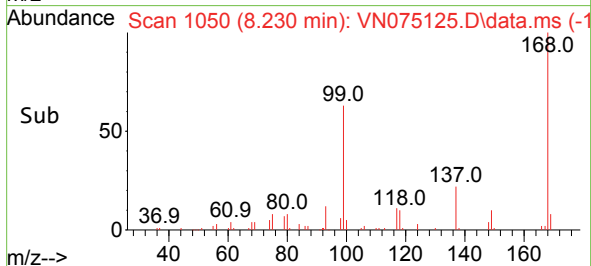
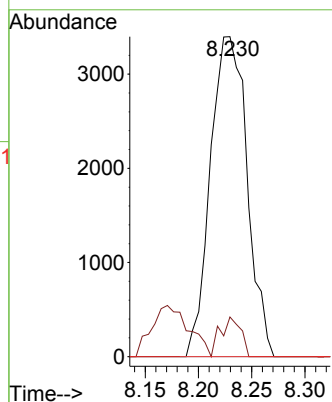
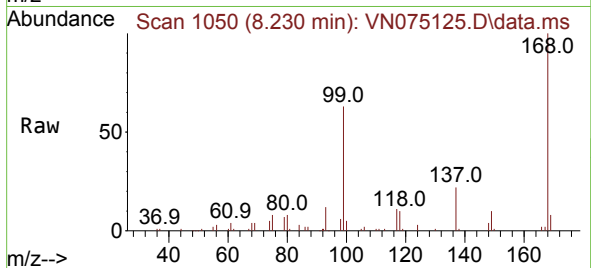
Tgt Ion: 75 Resp: 8150

Ion Ratio Lower Upper

75 100

110 6.9 17.8 53.3#

77 0.0 24.6 37.0#



#37

Ethyl Acetate

Concen: 1.167 ug/l

RT: 7.500 min Scan# 926

Delta R.T. -0.071 min

Lab File: VN075125.D

Acq: 02 Nov 2022 18:28

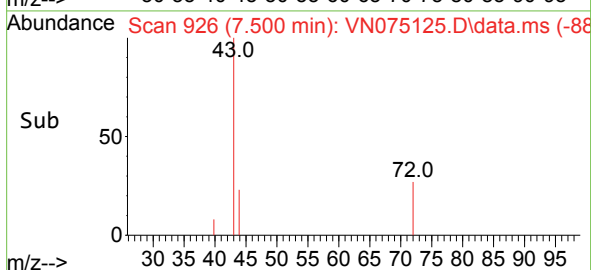
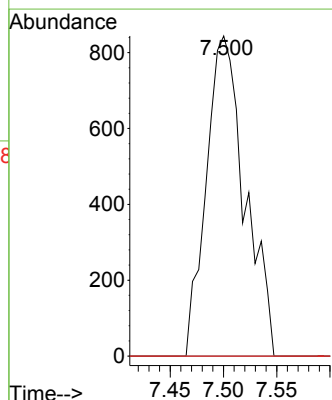
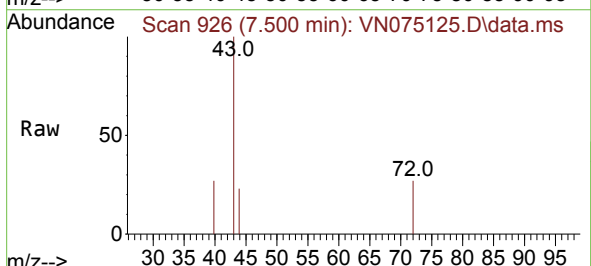
Tgt Ion: 43 Resp: 2137

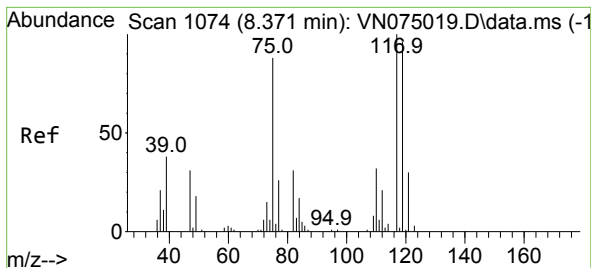
Ion Ratio Lower Upper

43 100

61 0.0 12.2 18.4#

70 0.0 9.4 14.2#





#38

Carbon Tetrachloride

Concen: 5.737 ug/l

RT: 8.230 min Scan# 110

Delta R.T. -0.141 min

Lab File: VN075125.D

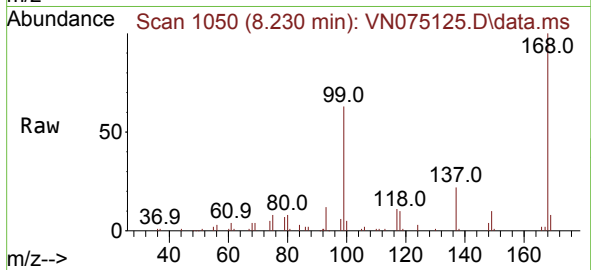
Acq: 02 Nov 2022 18:28

Instrument :

MSVOA_N

ClientSampleId :

S-12-103122



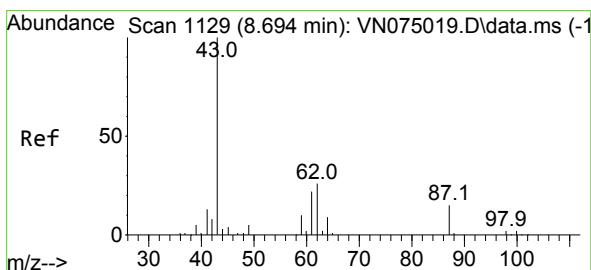
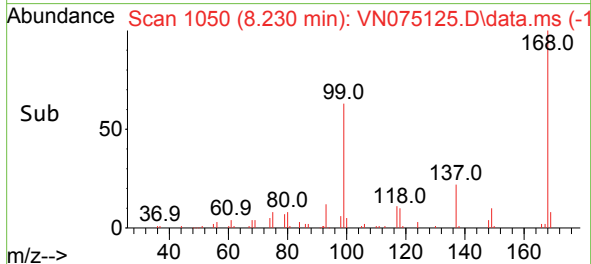
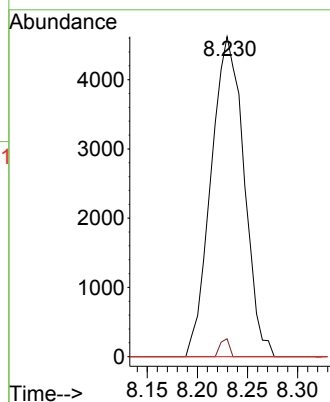
Tgt Ion:117 Resp: 10538

Ion Ratio Lower Upper

117 100

119 5.6 76.7 115.1#

121 0.0 23.9 35.9#



#43

Isopropyl Acetate

Concen: 0.863 ug/l

RT: 8.788 min Scan# 1145

Delta R.T. 0.094 min

Lab File: VN075125.D

Acq: 02 Nov 2022 18:28

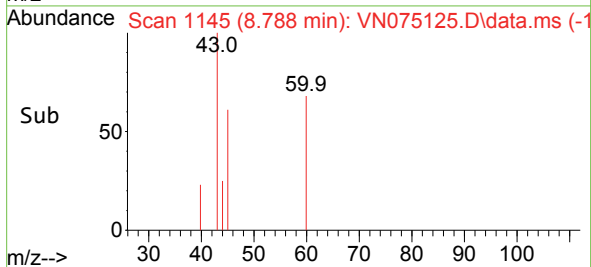
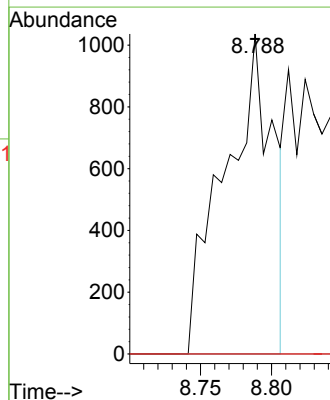
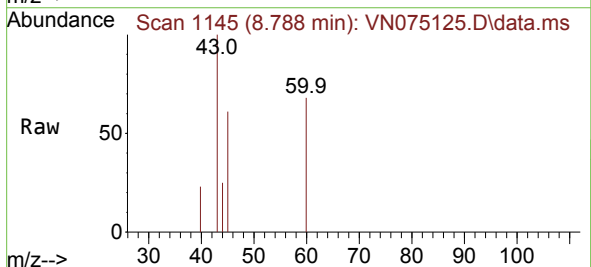
Tgt Ion: 43 Resp: 2452

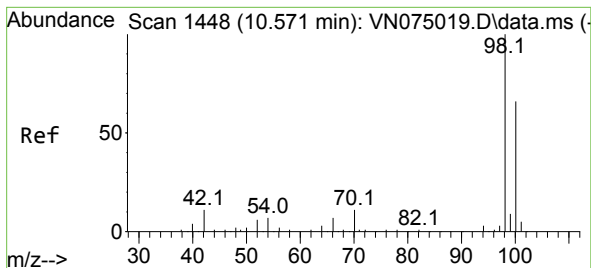
Ion Ratio Lower Upper

43 100

61 0.0 22.4 33.6#

87 0.0 12.5 18.7#





#50

Toluene-d8

Concen: 50.868 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN075125.D

Acq: 02 Nov 2022 18:28

Instrument :

MSVOA_N

ClientSampleId :

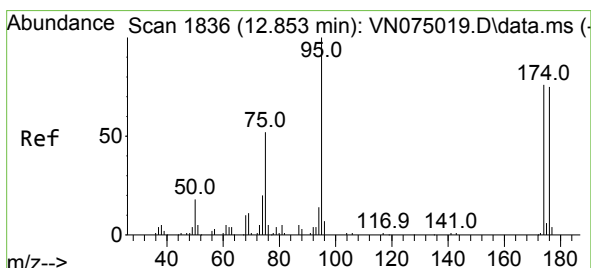
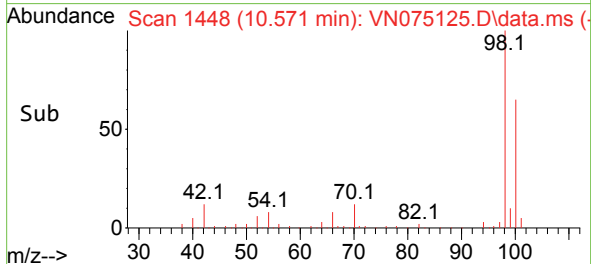
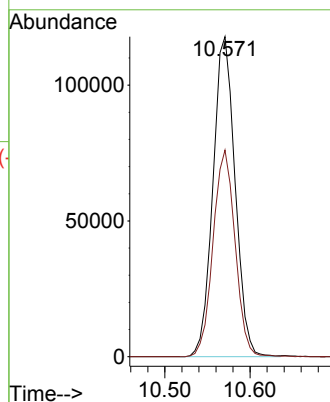
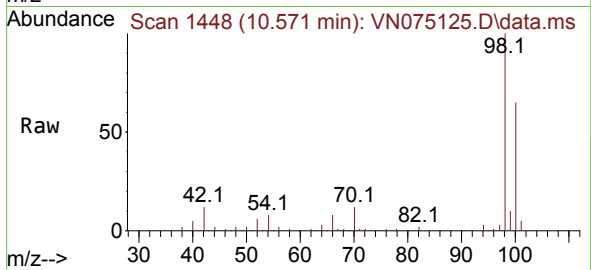
S-12-103122

Tgt Ion: 98 Resp: 212866

Ion Ratio Lower Upper

98 100

100 64.3 53.0 79.6



#62

4-Bromofluorobenzene

Concen: 44.406 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. -0.000 min

Lab File: VN075125.D

Acq: 02 Nov 2022 18:28

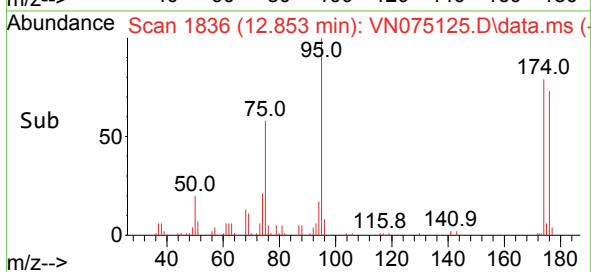
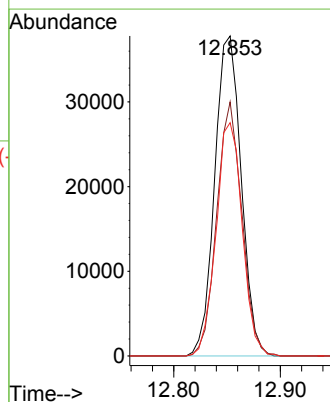
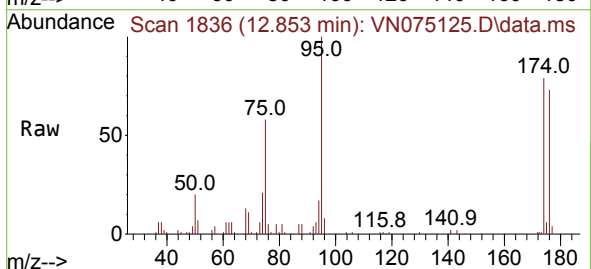
Tgt Ion: 95 Resp: 65277

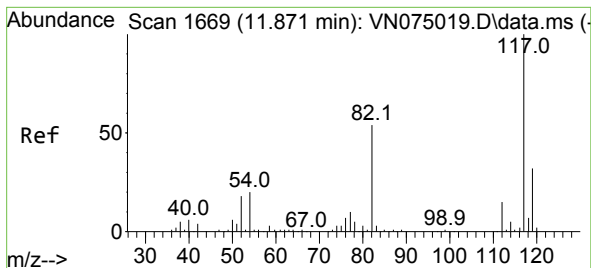
Ion Ratio Lower Upper

95 100

174 75.3 0.0 147.4

176 72.1 0.0 142.2

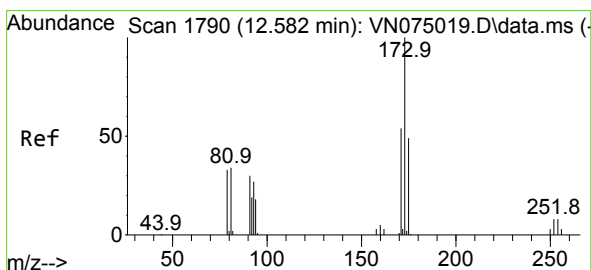
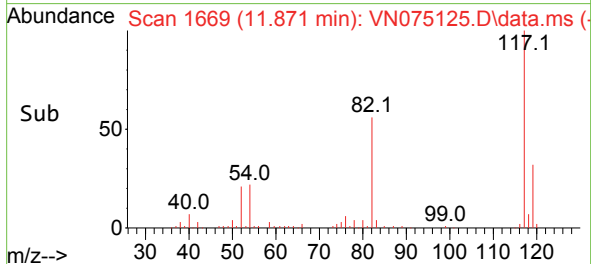
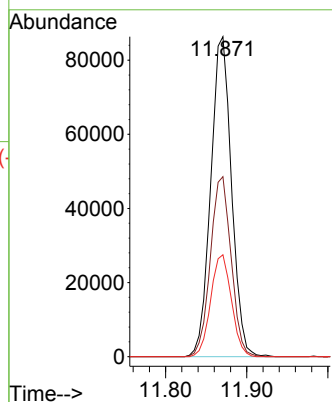
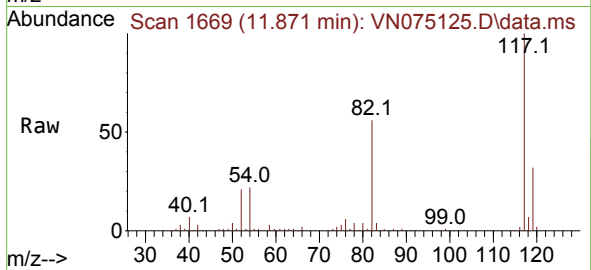




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN075125.D
Acq: 02 Nov 2022 18:28

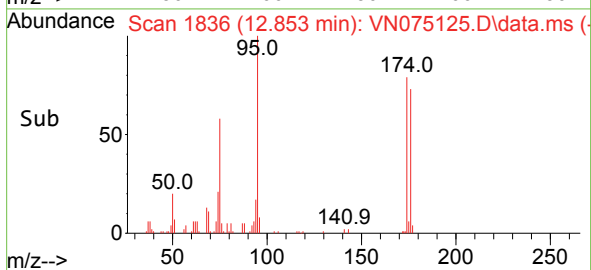
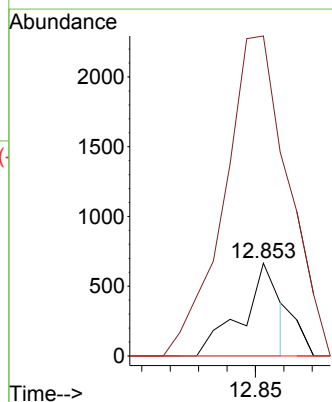
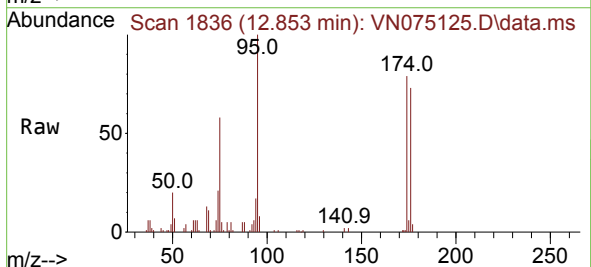
Instrument :
MSVOA_N
ClientSampleId :
S-12-103122

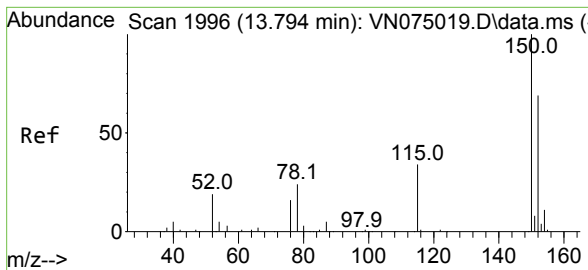
Tgt Ion:117 Resp: 153384
Ion Ratio Lower Upper
117 100
82 56.3 43.1 64.7
119 31.9 25.5 38.3



#71
Bromoform
Concen: 0.663 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.271 min
Lab File: VN075125.D
Acq: 02 Nov 2022 18:28

Tgt Ion:173 Resp: 603
Ion Ratio Lower Upper
173 100
175 508.0 24.6 74.0#
254 0.0 0.0 0.0

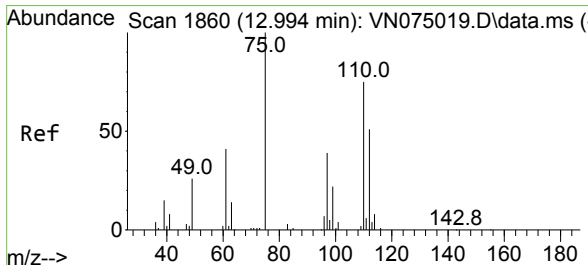
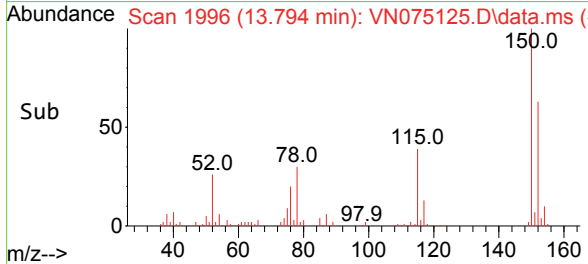
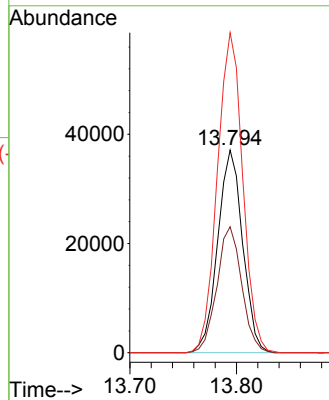
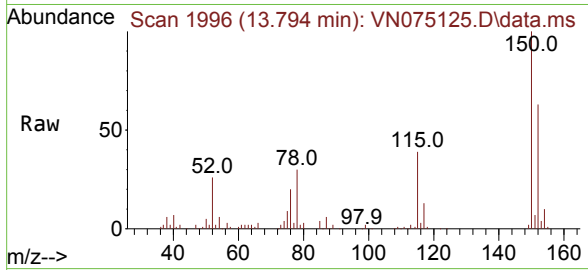




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 1996
 Delta R.T. -0.000 min
 Lab File: VN075125.D
 Acq: 02 Nov 2022 18:28

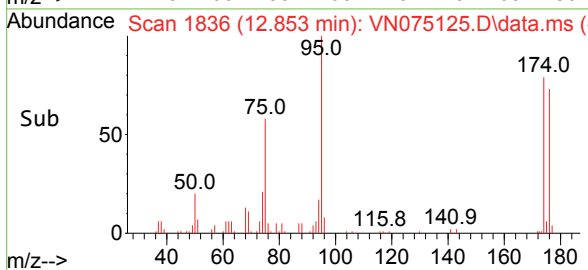
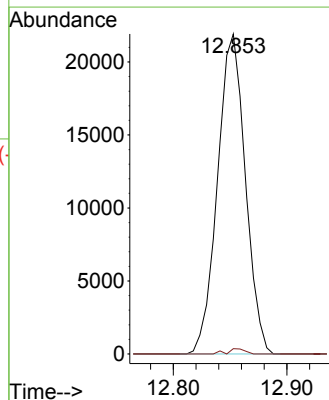
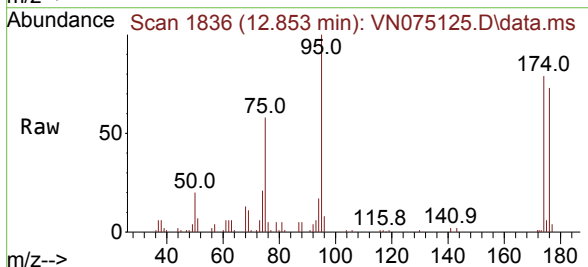
Instrument :
 MSVOA_N
 ClientSampleId :
 S-12-103122

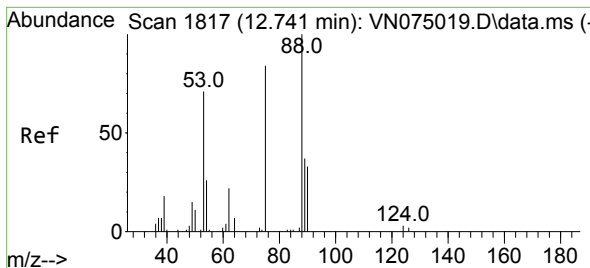
Tgt Ion:152 Resp: 60285
 Ion Ratio Lower Upper
 152 100
 115 61.8 30.2 90.6
 150 160.5 0.0 348.4



#76
 1,2,3-Trichloropropane
 Concen: 29.157 ug/l
 RT: 12.853 min Scan# 1836
 Delta R.T. -0.141 min
 Lab File: VN075125.D
 Acq: 02 Nov 2022 18:28

Tgt Ion: 75 Resp: 37321
 Ion Ratio Lower Upper
 75 100
 77 1.0 75.6 226.8#

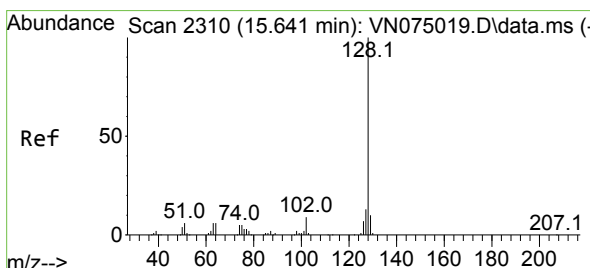
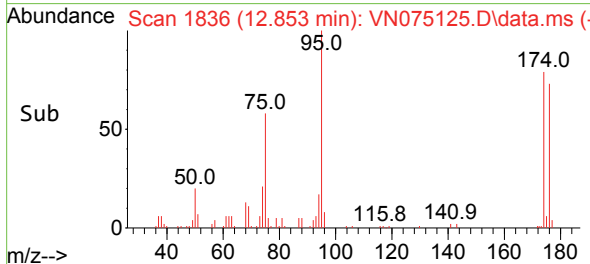
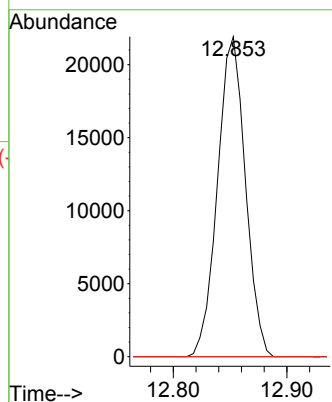
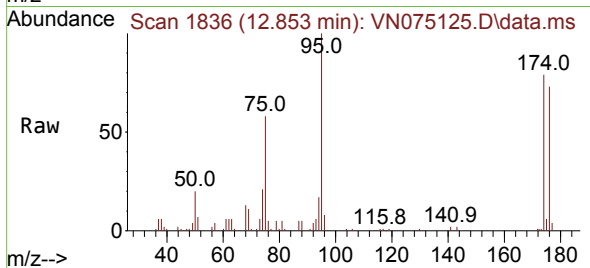




#81
trans-1,4-Dichloro-2-butene
Concen: 74.845 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.112 min
Lab File: VN075125.D
Acq: 02 Nov 2022 18:28

Instrument :
MSVOA_N
ClientSampleId :
S-12-103122

Tgt Ion: 75 Resp: 37321
Ion Ratio Lower Upper
75 100
53 0.0 78.5 117.7#
89 0.0 37.7 56.5#



#95
Naphthalene
Concen: 0.643 ug/l
RT: 15.635 min Scan# 2309
Delta R.T. -0.006 min
Lab File: VN075125.D
Acq: 02 Nov 2022 18:28

Tgt Ion: 128 Resp: 2208
Ion Ratio Lower Upper
128 100
127 7.6 10.4 15.6#
129 3.5 8.6 12.8#

