

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111122\
 Data File : VN075239.D
 Acq On : 11 Nov 2022 11:22
 Operator : JC\MD
 Sample : VN1111MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1111MBL01

Quant Time: Nov 14 03:43:09 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)

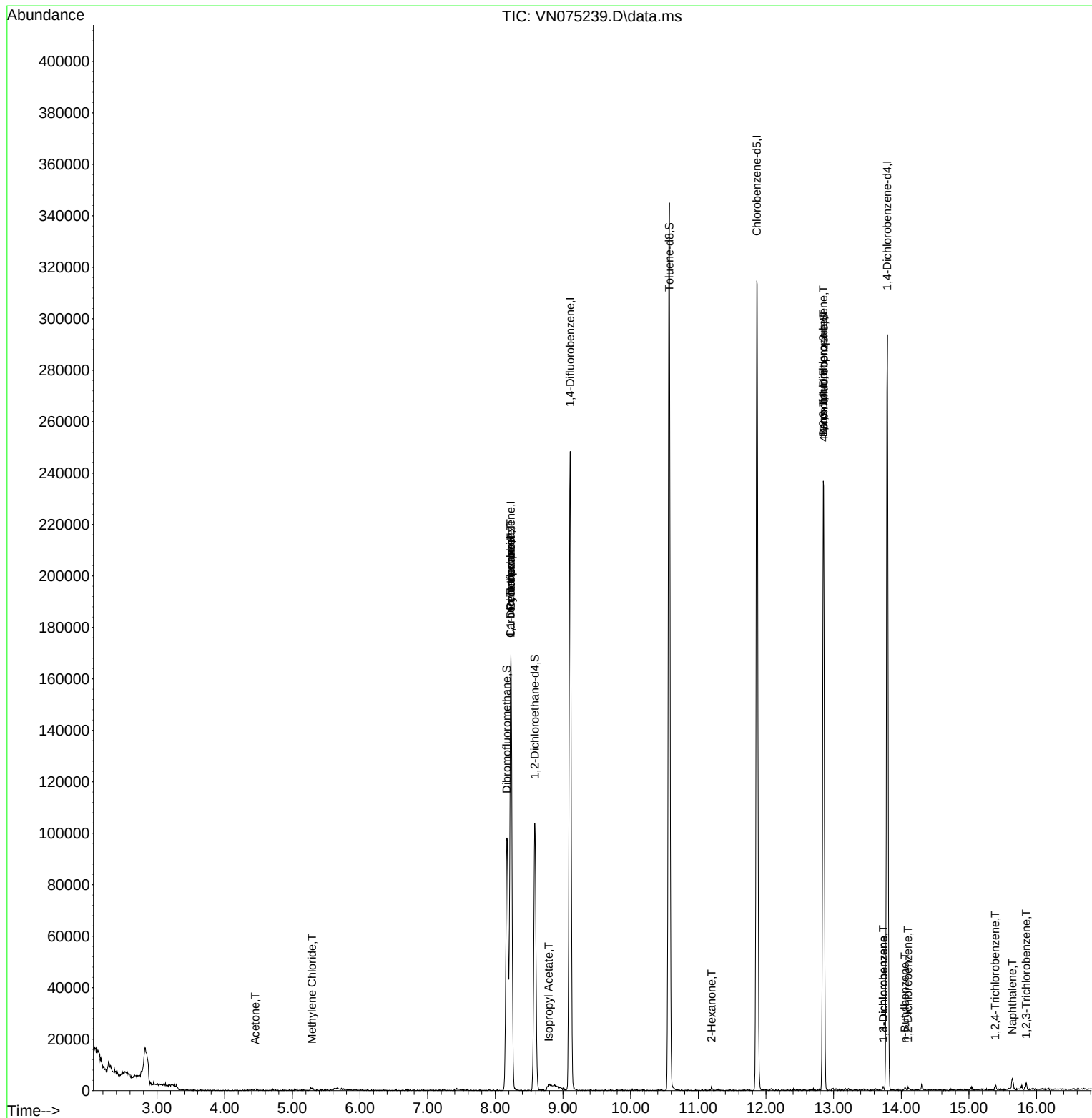
Internal Standards						
1) Pentafluorobenzene	8.230	168	122180	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	223956	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	191001	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	80463	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	83578	50.769	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.540%			
35) Dibromofluoromethane	8.171	113	73120	55.616	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 111.240%			
50) Toluene-d8	10.571	98	248800	48.777	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.560%			
62) 4-Bromofluorobenzene	12.853	95	84127	46.951	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 93.900%			
Target Compounds						
					Qvalue	
5) Bromomethane	2.948	94	101	Below Cal	#	68
16) Acetone	4.453	43	270	0.387	ug/l #	43
20) Methylene Chloride	5.289	84	456	0.293	ug/l #	80
31) Cyclohexane	8.230	56	2738	1.118	ug/l #	25
36) 1,1-Dichloropropene	8.224	75	10070	4.947	ug/l #	51
38) Carbon Tetrachloride	8.224	117	13687	6.113	ug/l #	15
43) Isopropyl Acetate	8.788	43	1569	0.453	ug/l #	53
59) 2-Hexanone	11.194	43	846	0.499	ug/l	77
71) Bromoform	12.847	173	533	0.471	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	45551	26.662	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	45551	68.442	ug/l #	10
87) 1,3-Dichlorobenzene	13.735	146	668	0.240	ug/l	86
88) 1,4-Dichlorobenzene	13.735	146	668	0.242	ug/l	88
89) n-Butylbenzene	14.053	91	1175	0.262	ug/l #	73
91) 1,2-Dichlorobenzene	14.100	146	630	0.228	ug/l #	69
93) 1,2,4-Trichlorobenzene	15.388	180	915	0.768	ug/l #	89
95) Naphthalene	15.641	128	5913	1.291	ug/l #	93
96) 1,2,3-Trichlorobenzene	15.847	180	1088	0.919	ug/l	85

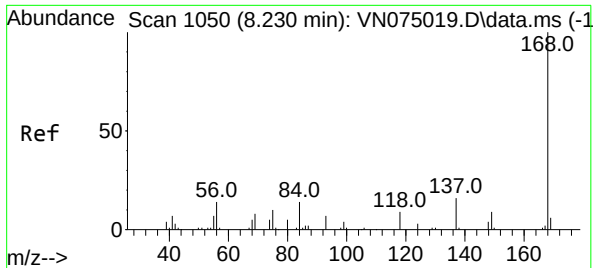
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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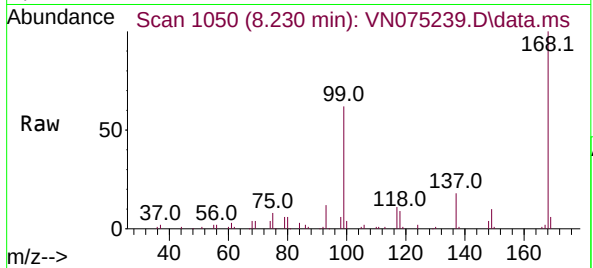
Quant Time: Nov 14 03:43:09 2022
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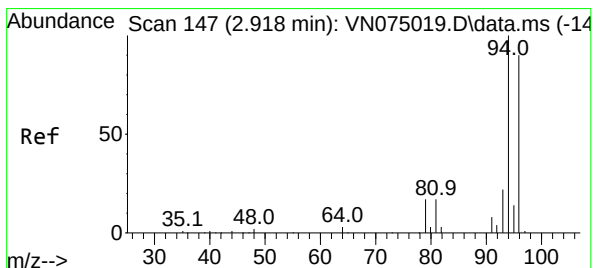
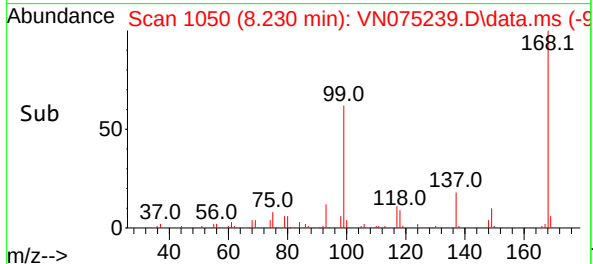
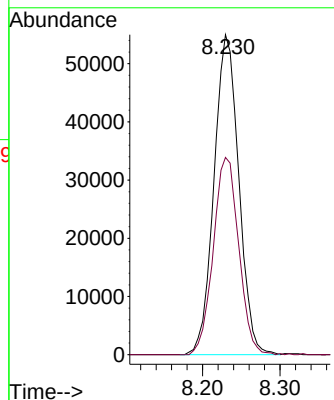


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN075239.D
Acq: 11 Nov 2022 11:22

Instrument :
MSVOA_N
ClientSampleId :
VN1111MBL01

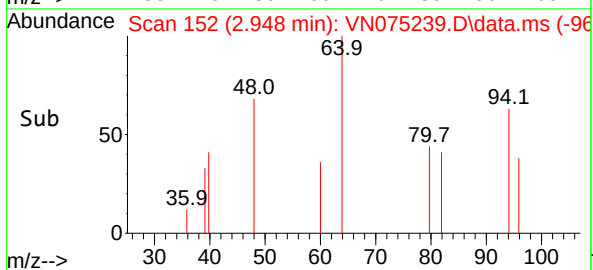
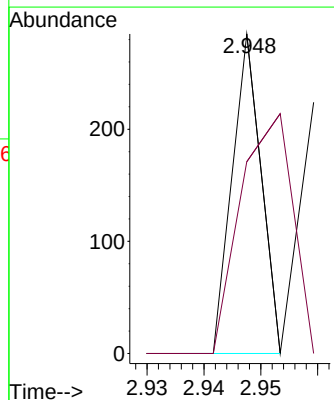
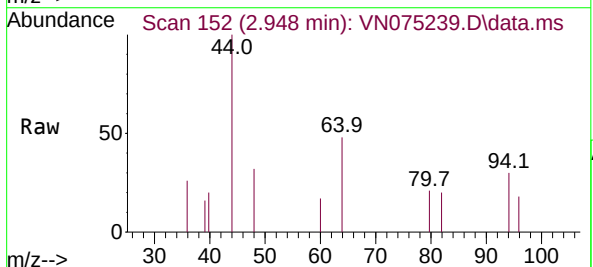


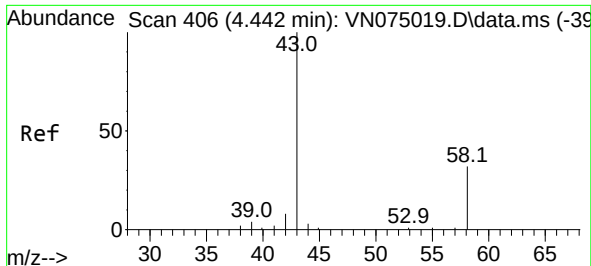
Tgt Ion:168 Resp: 122180
Ion Ratio Lower Upper
168 100
99 61.6 51.6 77.4



#5
Bromomethane
Concen: Below Cal
RT: 2.948 min Scan# 152
Delta R.T. 0.030 min
Lab File: VN075239.D
Acq: 11 Nov 2022 11:22

Tgt Ion: 94 Resp: 101
Ion Ratio Lower Upper
94 100
96 60.0 71.8 107.6#

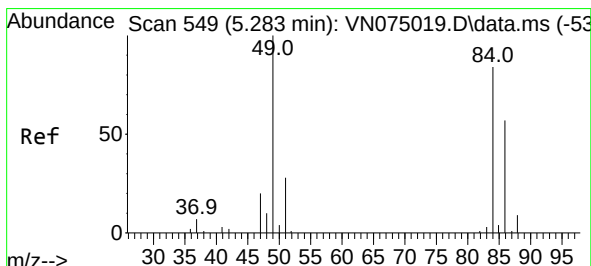
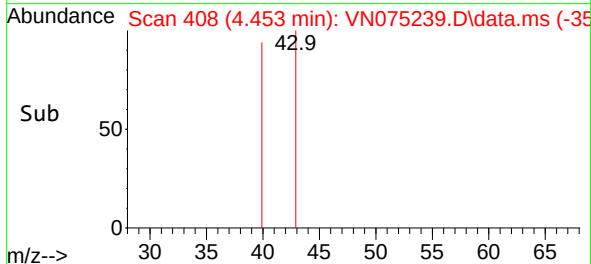
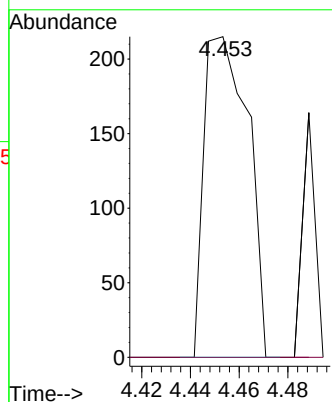
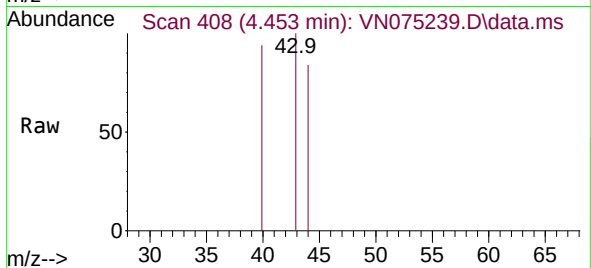




#16
Acetone
Concen: 0.387 ug/l
RT: 4.453 min Scan# 406
Delta R.T. 0.011 min
Lab File: VN075239.D
Acq: 11 Nov 2022 11:22

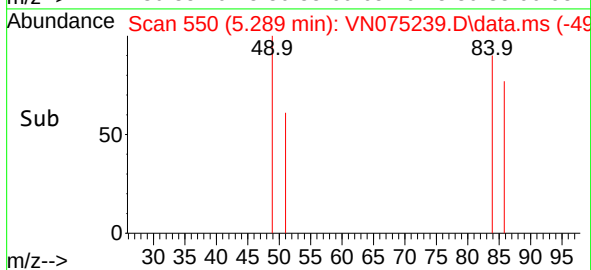
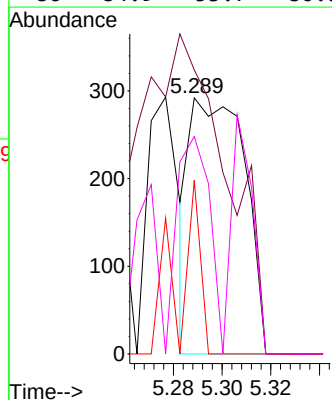
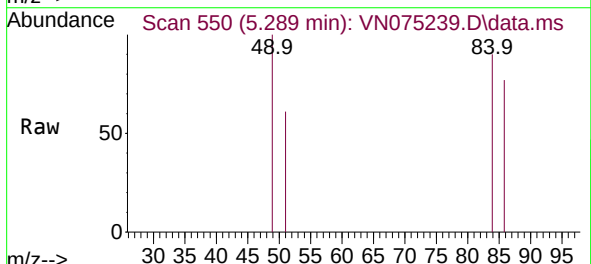
Instrument :
MSVOA_N
ClientSampleId :
VN1111MBL01

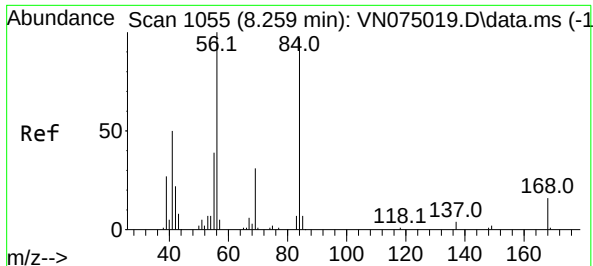
Tgt Ion: 43 Resp: 270
Ion Ratio Lower Upper
43 100
58 0.0 25.5 38.3#



#20
Methylene Chloride
Concen: 0.293 ug/l
RT: 5.289 min Scan# 550
Delta R.T. 0.006 min
Lab File: VN075239.D
Acq: 11 Nov 2022 11:22

Tgt Ion: 84 Resp: 456
Ion Ratio Lower Upper
84 100
49 111.0 94.9 142.3
51 67.8 26.8 40.2#
86 84.9 53.7 80.5#

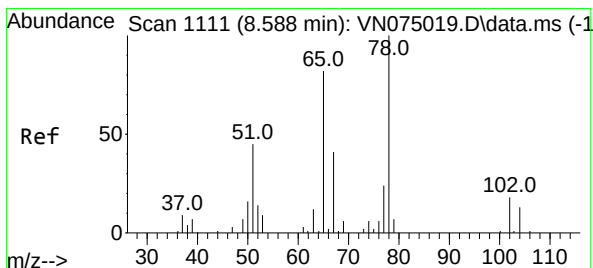
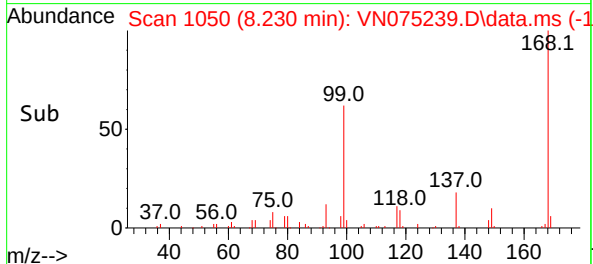
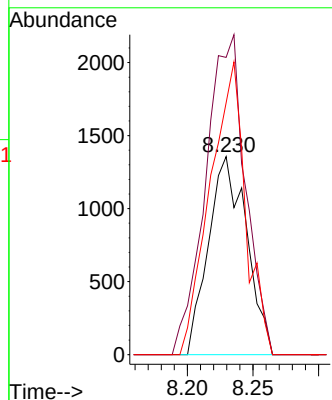
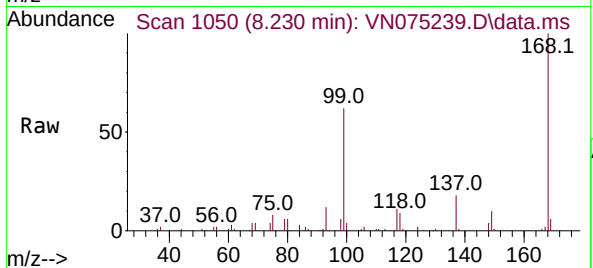




#31
Cyclohexane
Concen: 1.118 ug/l
RT: 8.230 min Scan# 1109
Delta R.T. -0.029 min
Lab File: VN075239.D
Acq: 11 Nov 2022 11:22

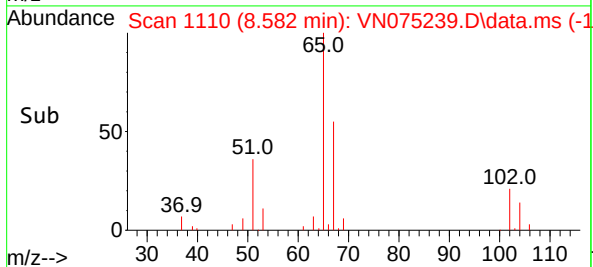
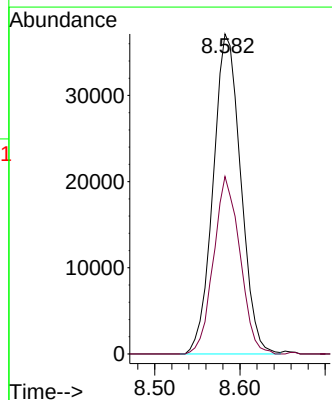
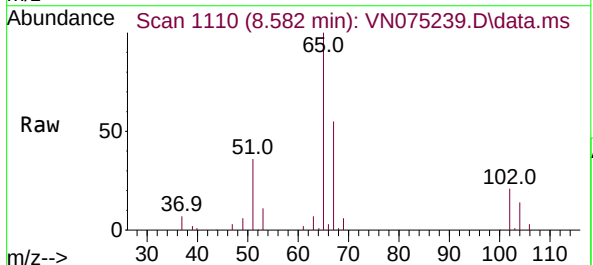
Instrument :
MSVOA_N
ClientSampleId :
VN1111MBL01

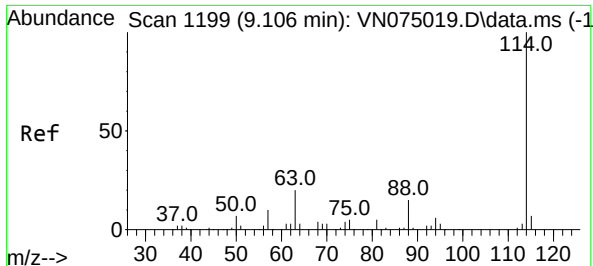
Tgt Ion: 56 Resp: 2738
Ion Ratio Lower Upper
56 100
69 150.1 25.2 37.8#
84 127.1 77.8 116.8#



#33
1,2-Dichloroethane-d4
Concen: 50.769 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. -0.006 min
Lab File: VN075239.D
Acq: 11 Nov 2022 11:22

Tgt Ion: 65 Resp: 83578
Ion Ratio Lower Upper
65 100
67 52.9 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: VN075239.D

Acq: 11 Nov 2022 11:22

Instrument :

MSVOA_N

ClientSampleId :

VN1111MBL01

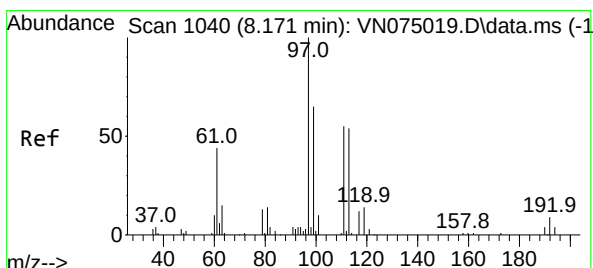
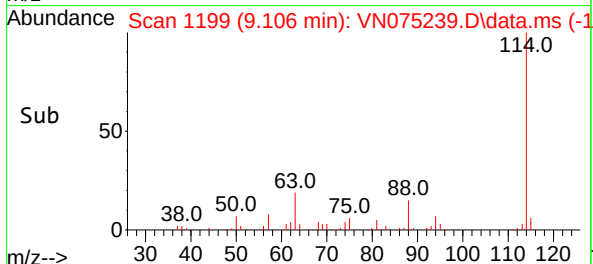
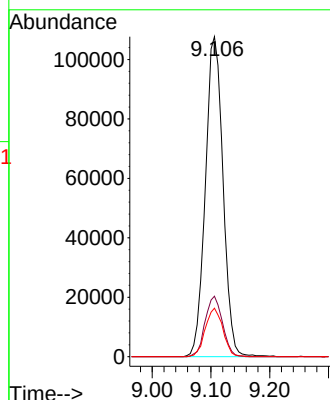
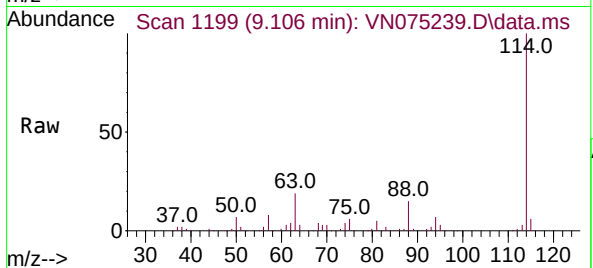
Tgt Ion:114 Resp: 223956

Ion Ratio Lower Upper

114 100

63 18.9 0.0 39.6

88 15.1 0.0 29.0



#35

Dibromofluoromethane

Concen: 55.616 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075239.D

Acq: 11 Nov 2022 11:22

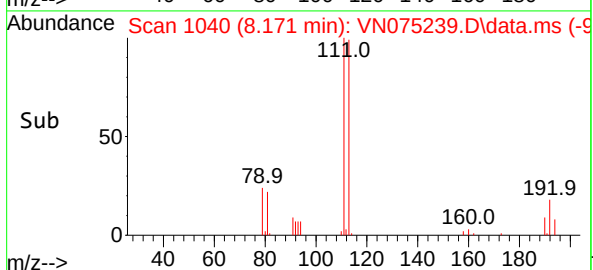
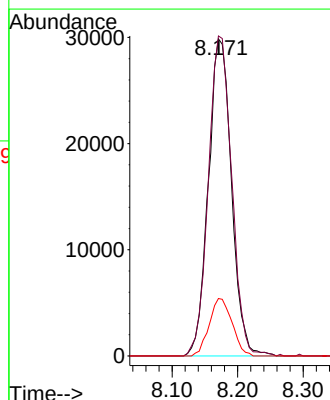
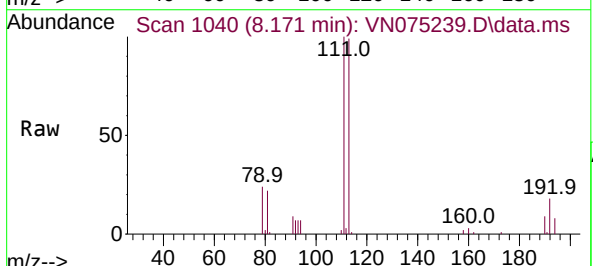
Tgt Ion:113 Resp: 73120

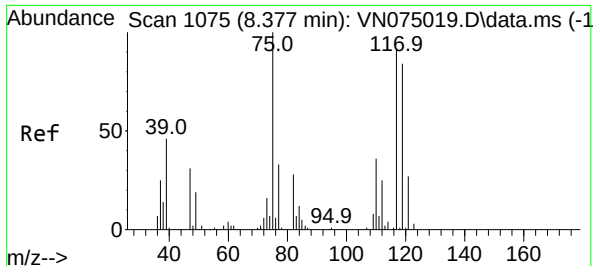
Ion Ratio Lower Upper

113 100

111 102.0 80.5 120.7

192 17.9 13.2 19.8





#36

1,1-Dichloropropene

Concen: 4.947 ug/l

RT: 8.224 min Scan# 1049

Delta R.T. -0.153 min

Lab File: VN075239.D

Acq: 11 Nov 2022 11:22

Instrument :

MSVOA_N

ClientSampleId :

VN1111MBL01

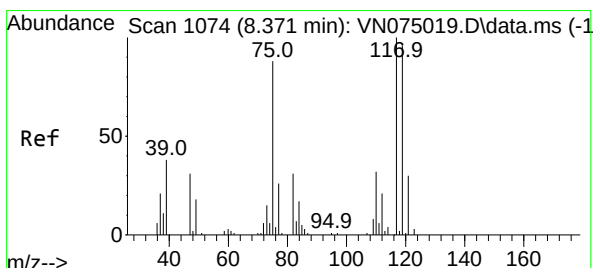
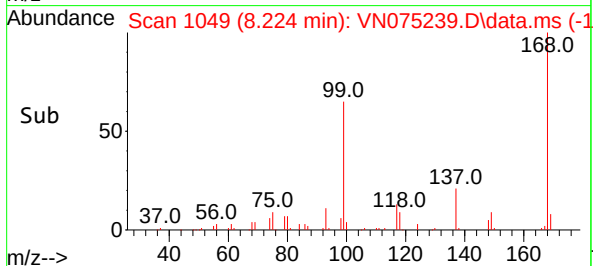
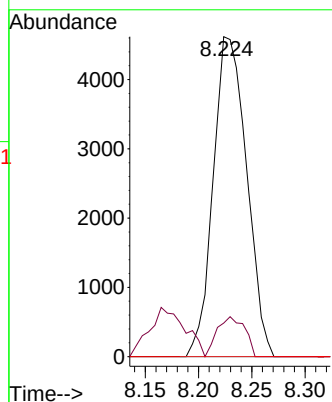
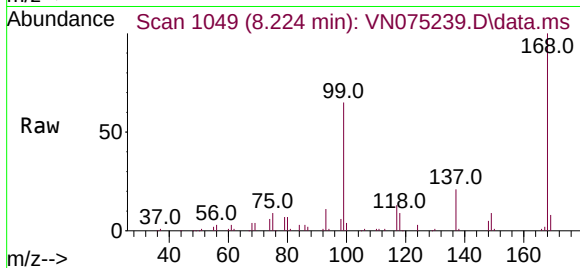
Tgt Ion: 75 Resp: 10070

Ion Ratio Lower Upper

75 100

110 10.3 17.8 53.3#

77 0.0 24.6 37.0#



#38

Carbon Tetrachloride

Concen: 6.113 ug/l

RT: 8.224 min Scan# 1049

Delta R.T. -0.147 min

Lab File: VN075239.D

Acq: 11 Nov 2022 11:22

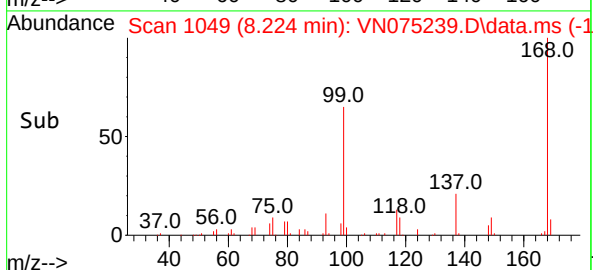
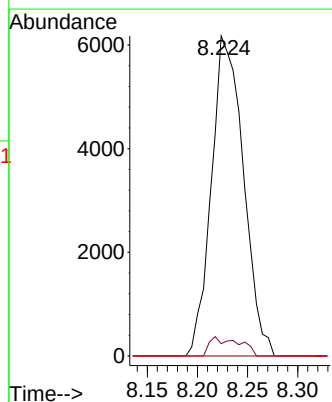
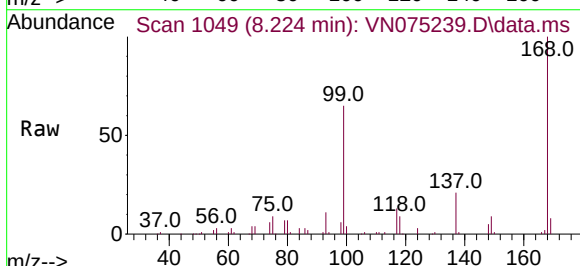
Tgt Ion: 117 Resp: 13687

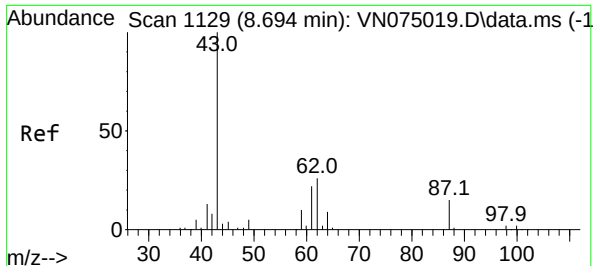
Ion Ratio Lower Upper

117 100

119 3.9 76.7 115.1#

121 0.0 23.9 35.9#





#43

Isopropyl Acetate

Concen: 0.453 ug/l

RT: 8.788 min Scan# 1129

Delta R.T. 0.094 min

Lab File: VN075239.D

Acq: 11 Nov 2022 11:22

Instrument :

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ClientSampleId :

VN1111MBL01

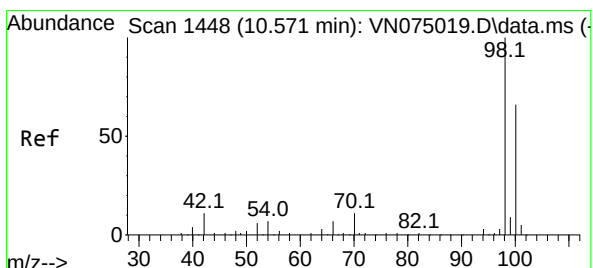
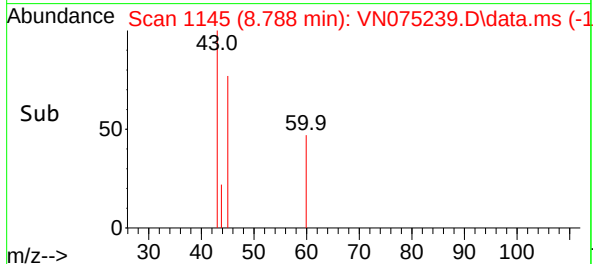
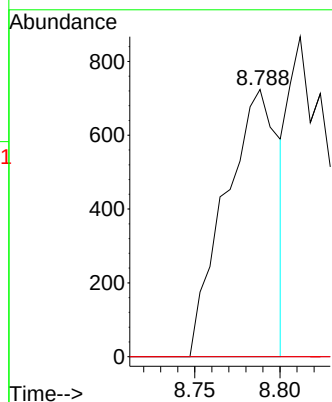
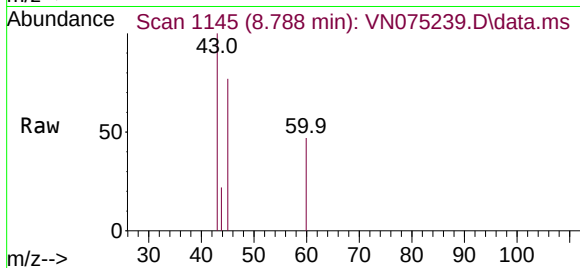
Tgt Ion: 43 Resp: 1569

Ion Ratio Lower Upper

43 100

61 0.0 22.4 33.6#

87 0.0 12.5 18.7#



#50

Toluene-d8

Concen: 48.777 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN075239.D

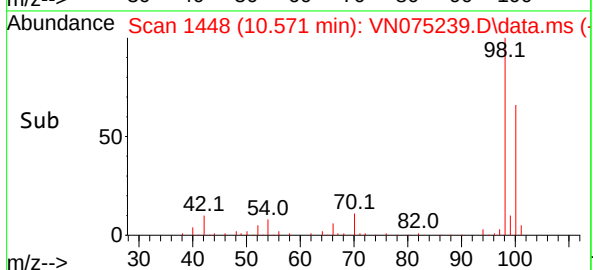
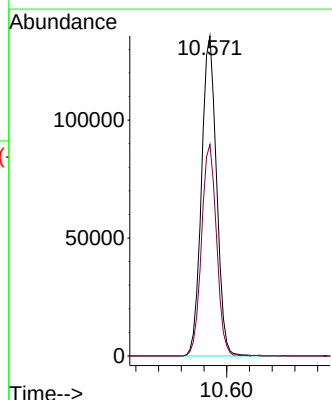
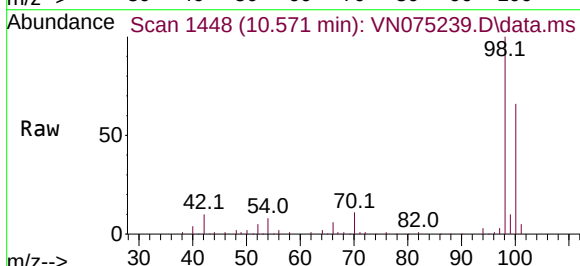
Acq: 11 Nov 2022 11:22

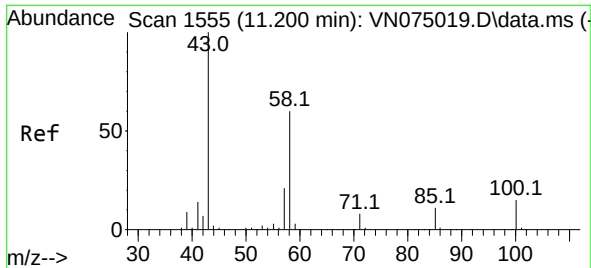
Tgt Ion: 98 Resp: 248800

Ion Ratio Lower Upper

98 100

100 66.0 53.0 79.6

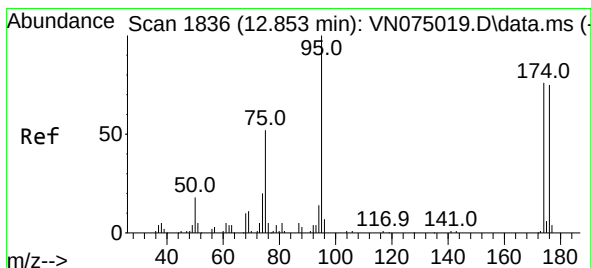
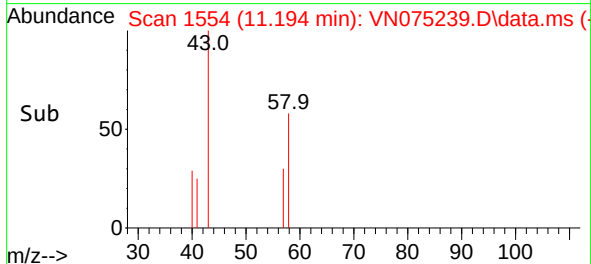
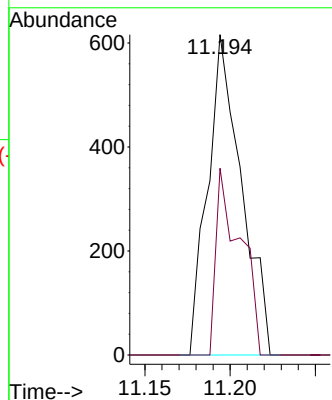
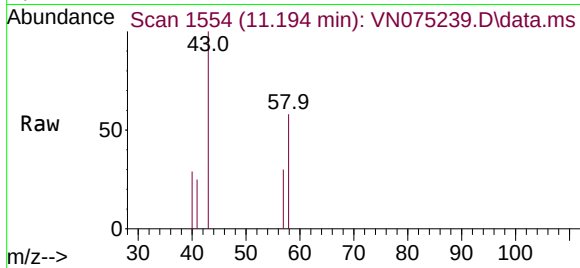




#59
2-Hexanone
Concen: 0.499 ug/l
RT: 11.194 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN075239.D
Acq: 11 Nov 2022 11:22

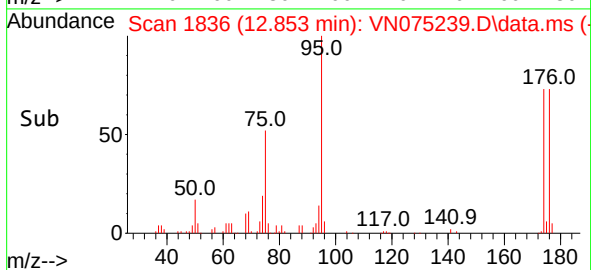
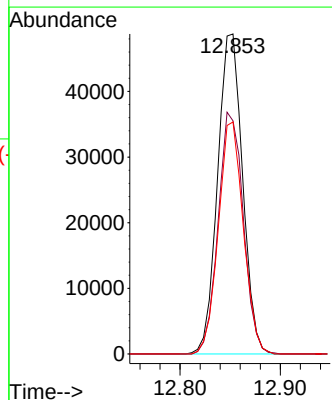
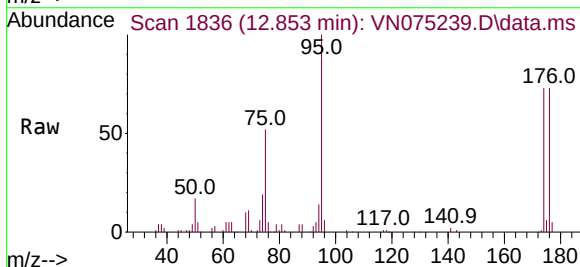
Instrument :
MSVOA_N
ClientSampleId :
VN1111MBL01

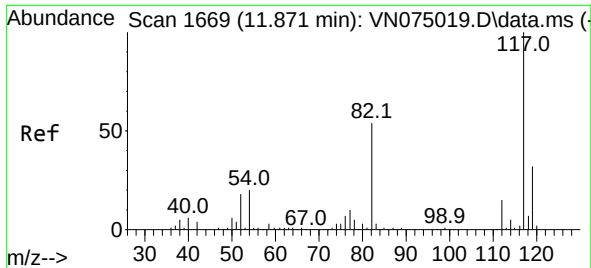
Tgt Ion: 43 Resp: 846
Ion Ratio Lower Upper
43 100
58 42.1 29.6 88.8



#62
4-Bromofluorobenzene
Concen: 46.951 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN075239.D
Acq: 11 Nov 2022 11:22

Tgt Ion: 95 Resp: 84127
Ion Ratio Lower Upper
95 100
174 76.0 0.0 147.4
176 72.6 0.0 142.2

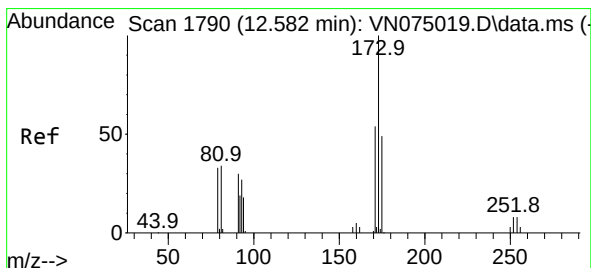
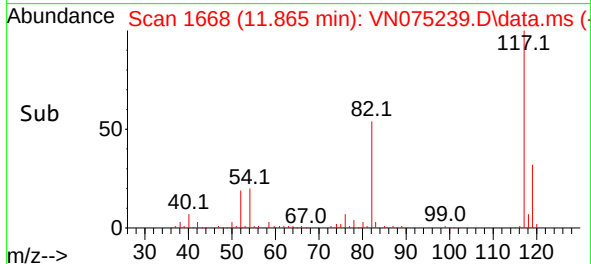
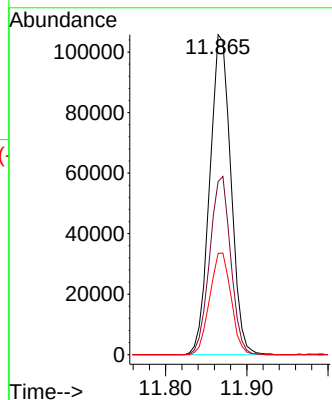
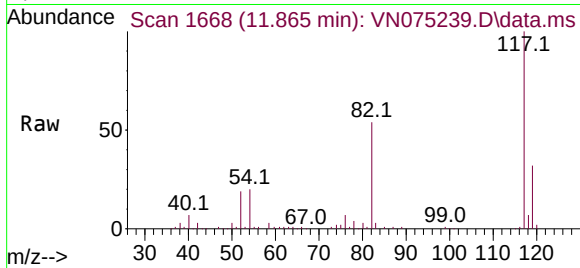




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN075239.D
Acq: 11 Nov 2022 11:22

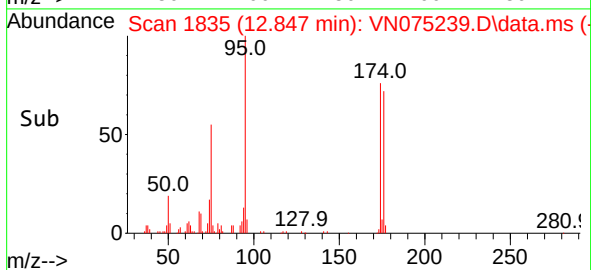
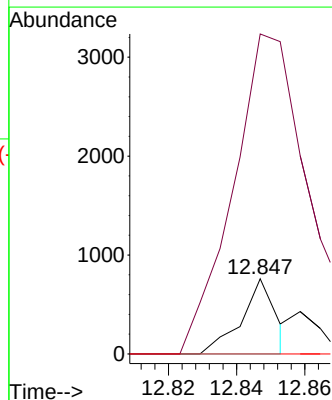
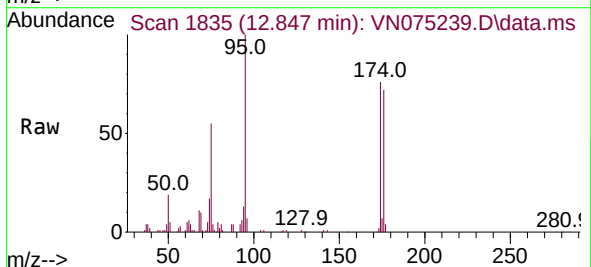
Instrument :
MSVOA_N
ClientSampleId :
VN1111MBL01

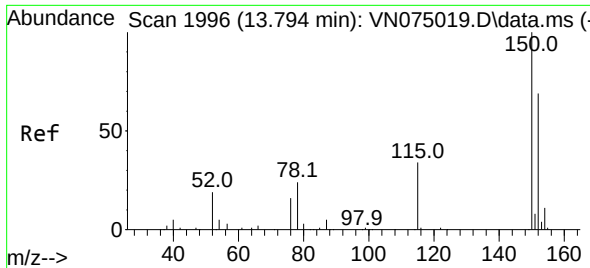
Tgt Ion:117 Resp: 191001
Ion Ratio Lower Upper
117 100
82 54.1 43.1 64.7
119 31.7 25.5 38.3



#71
Bromoform
Concen: 0.471 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.265 min
Lab File: VN075239.D
Acq: 11 Nov 2022 11:22

Tgt Ion:173 Resp: 533
Ion Ratio Lower Upper
173 100
175 792.9 24.6 74.0#
254 0.0 0.0 0.0

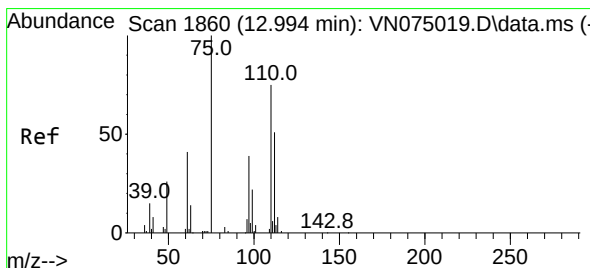
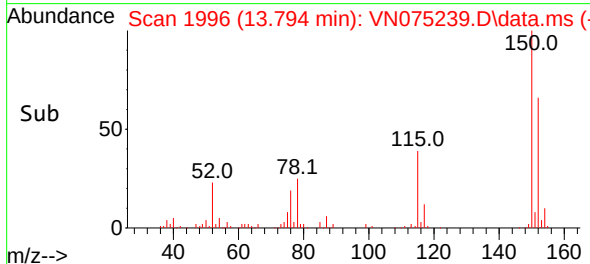
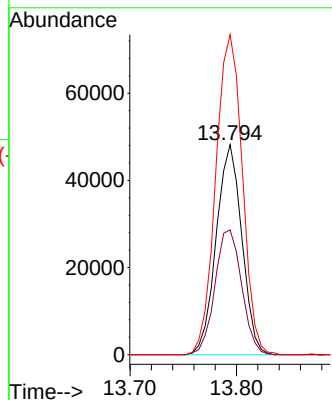
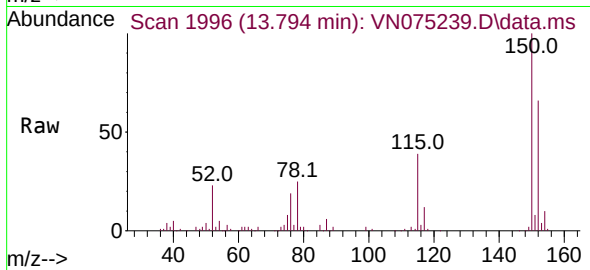




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 1996
 Delta R.T. -0.000 min
 Lab File: VN075239.D
 Acq: 11 Nov 2022 11:22

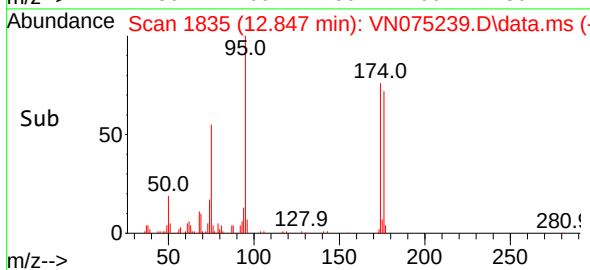
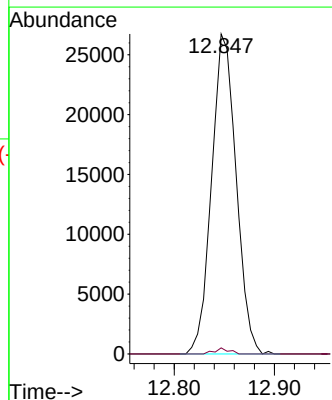
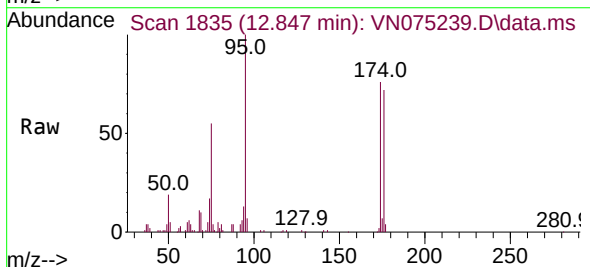
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1111MBL01

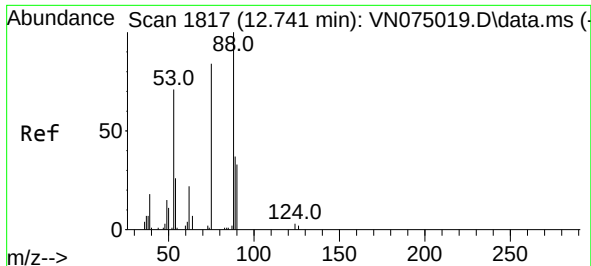
Tgt Ion:152 Resp: 80463
 Ion Ratio Lower Upper
 152 100
 115 62.0 30.2 90.6
 150 158.1 0.0 348.4



#76
 1,2,3-Trichloropropane
 Concen: 26.662 ug/l
 RT: 12.847 min Scan# 1835
 Delta R.T. -0.147 min
 Lab File: VN075239.D
 Acq: 11 Nov 2022 11:22

Tgt Ion: 75 Resp: 45551
 Ion Ratio Lower Upper
 75 100
 77 1.1 75.6 226.8#

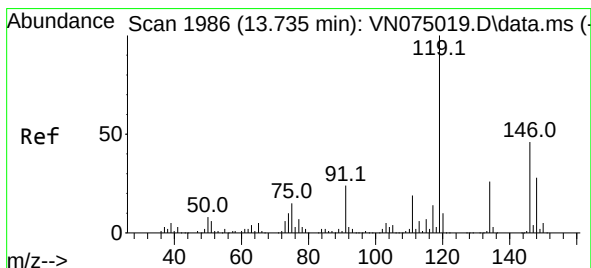
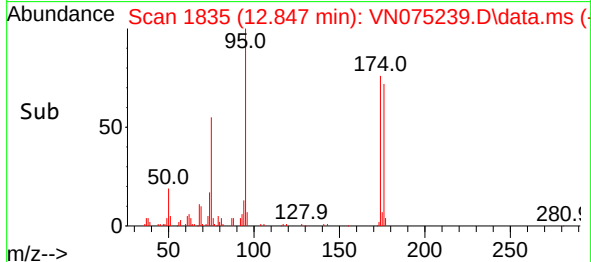
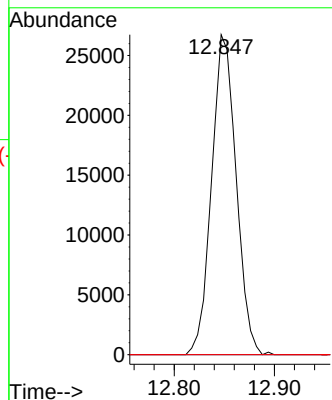
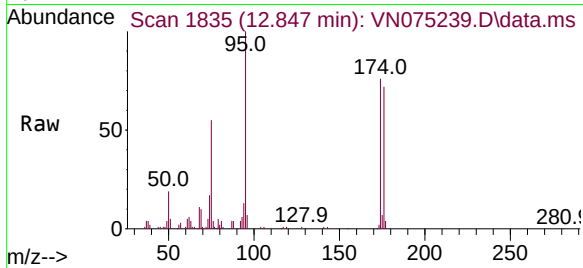




#81
trans-1,4-Dichloro-2-butene
Concen: 68.442 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.106 min
Lab File: VN075239.D
Acq: 11 Nov 2022 11:22

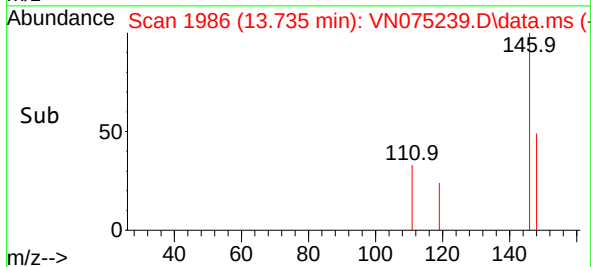
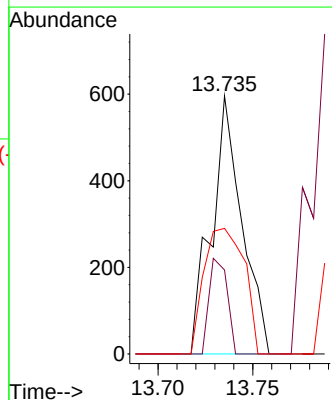
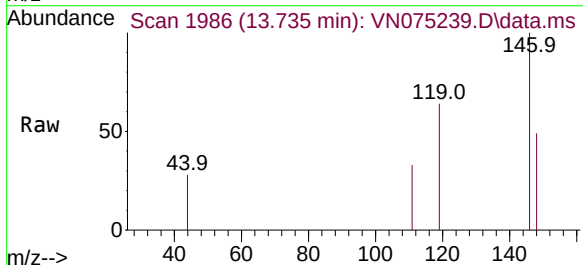
Instrument :
MSVOA_N
ClientSampleId :
VN1111MBL01

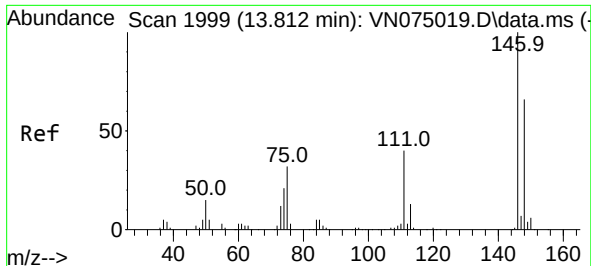
Tgt Ion: 75 Resp: 45551
Ion Ratio Lower Upper
75 100
53 0.0 78.5 117.7#
89 0.0 37.7 56.5#



#87
1,3-Dichlorobenzene
Concen: 0.240 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN075239.D
Acq: 11 Nov 2022 11:22

Tgt Ion:146 Resp: 668
Ion Ratio Lower Upper
146 100
111 21.9 20.8 62.5
148 63.9 31.1 93.5

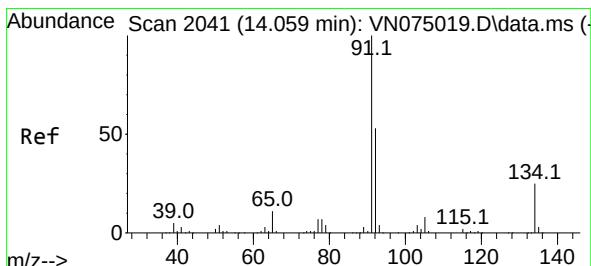
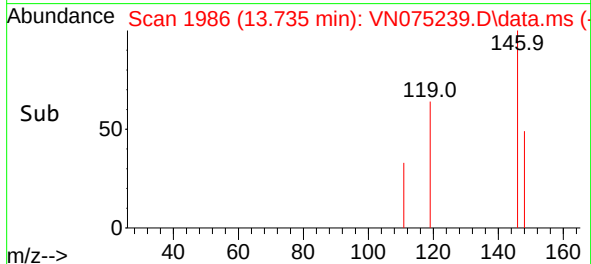
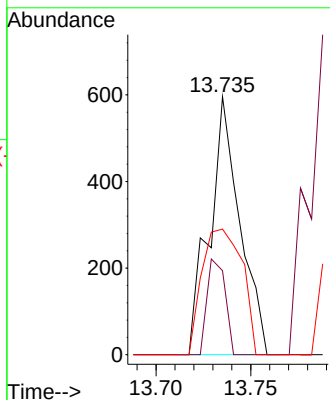
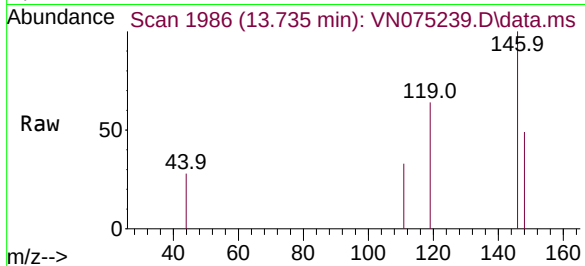




#88
1,4-Dichlorobenzene
Concen: 0.242 ug/l
RT: 13.735 min Scan# 1999
Delta R.T. -0.077 min
Lab File: VN075239.D
Acq: 11 Nov 2022 11:22

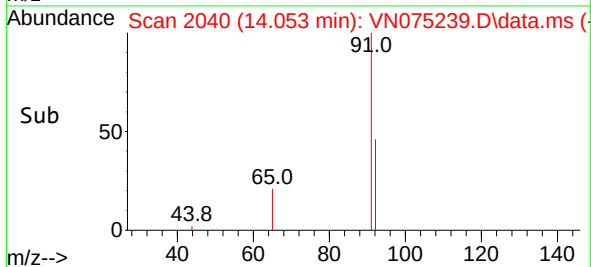
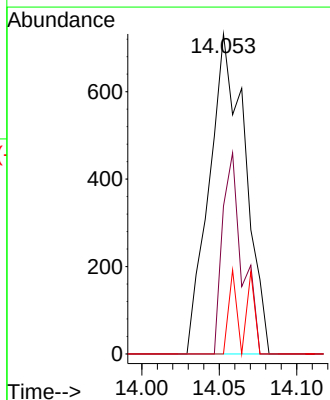
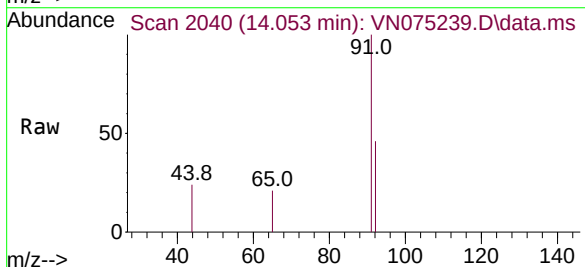
Instrument :
MSVOA_N
ClientSampleId :
VN1111MBL01

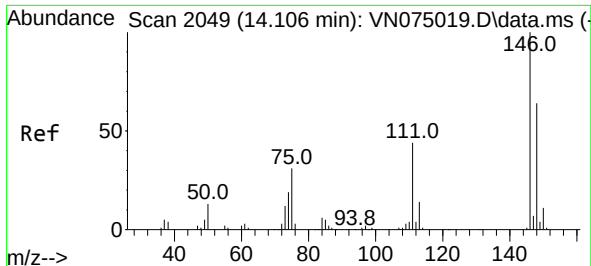
Tgt Ion:146 Resp: 668
Ion Ratio Lower Upper
146 100
111 21.9 20.1 60.3
148 63.9 31.9 95.7



#89
n-Butylbenzene
Concen: 0.262 ug/l
RT: 14.053 min Scan# 2040
Delta R.T. -0.006 min
Lab File: VN075239.D
Acq: 11 Nov 2022 11:22

Tgt Ion: 91 Resp: 1175
Ion Ratio Lower Upper
91 100
92 34.7 26.5 79.4
134 11.4 13.0 39.0#

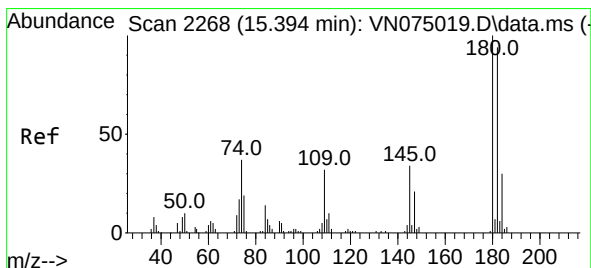
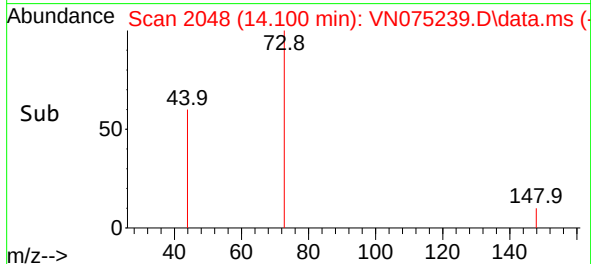
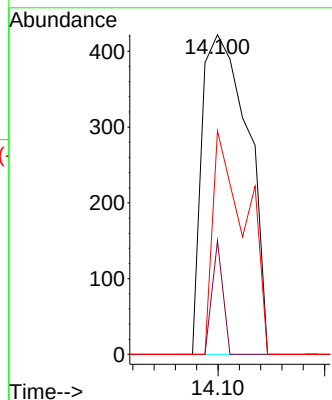
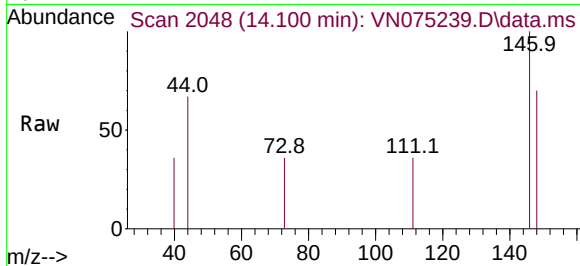




#91
1,2-Dichlorobenzene
Concen: 0.228 ug/l
RT: 14.100 min Scan# 2049
Delta R.T. -0.006 min
Lab File: VN075239.D
Acq: 11 Nov 2022 11:22

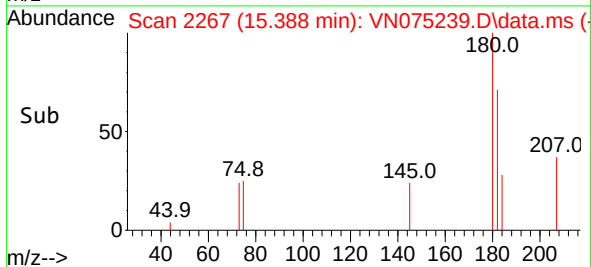
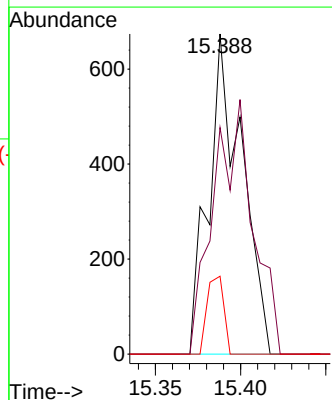
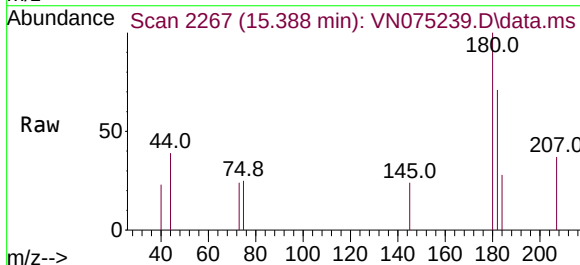
Instrument :
MSVOA_N
ClientSampleId :
VN1111MBL01

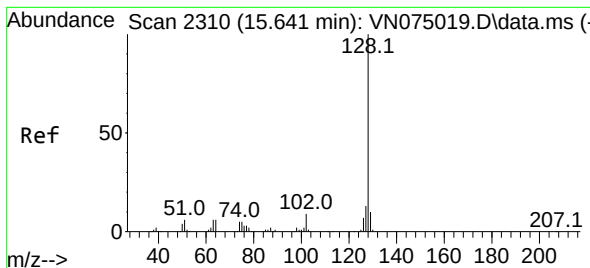
Tgt Ion:146 Resp: 630
Ion Ratio Lower Upper
146 100
111 8.4 21.3 63.9#
148 50.3 31.4 94.2



#93
1,2,4-Trichlorobenzene
Concen: 0.768 ug/l
RT: 15.388 min Scan# 2267
Delta R.T. -0.006 min
Lab File: VN075239.D
Acq: 11 Nov 2022 11:22

Tgt Ion:180 Resp: 915
Ion Ratio Lower Upper
180 100
182 94.1 47.8 143.4
145 12.1 16.8 50.3#





#95

Naphthalene

Concen: 1.291 ug/l

RT: 15.641 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN075239.D

Acq: 11 Nov 2022 11:22

Instrument :

MSVOA_N

ClientSampleId :

VN1111MBL01

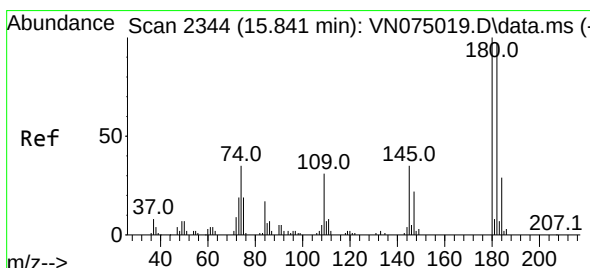
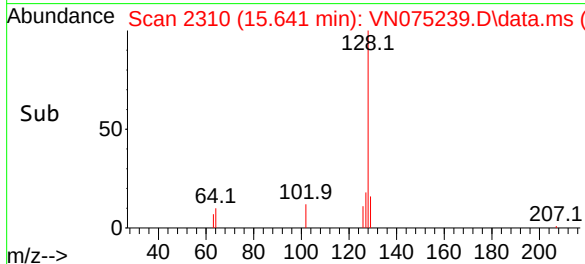
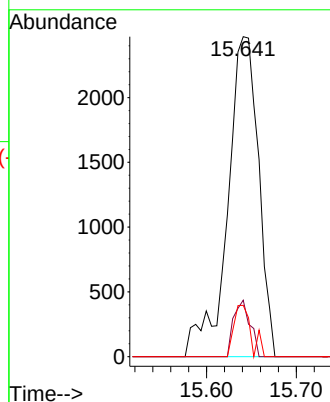
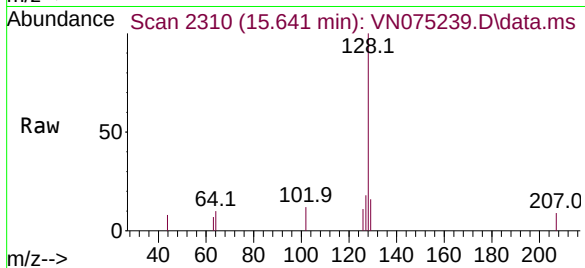
Tgt Ion:128 Resp: 5913

Ion Ratio Lower Upper

128 100

127 9.4 10.4 15.6#

129 8.9 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 0.919 ug/l

RT: 15.847 min Scan# 2345

Delta R.T. 0.006 min

Lab File: VN075239.D

Acq: 11 Nov 2022 11:22

Tgt Ion:180 Resp: 1088

Ion Ratio Lower Upper

180 100

182 85.1 47.3 141.8

145 18.7 17.6 52.9

