

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121622\
 Data File : VN075843.D
 Acq On : 16 Dec 2022 13:25
 Operator : JC\MD
 Sample : N6088-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EB-2022-12-15

Quant Time: Dec 17 08:38:57 2022
 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)

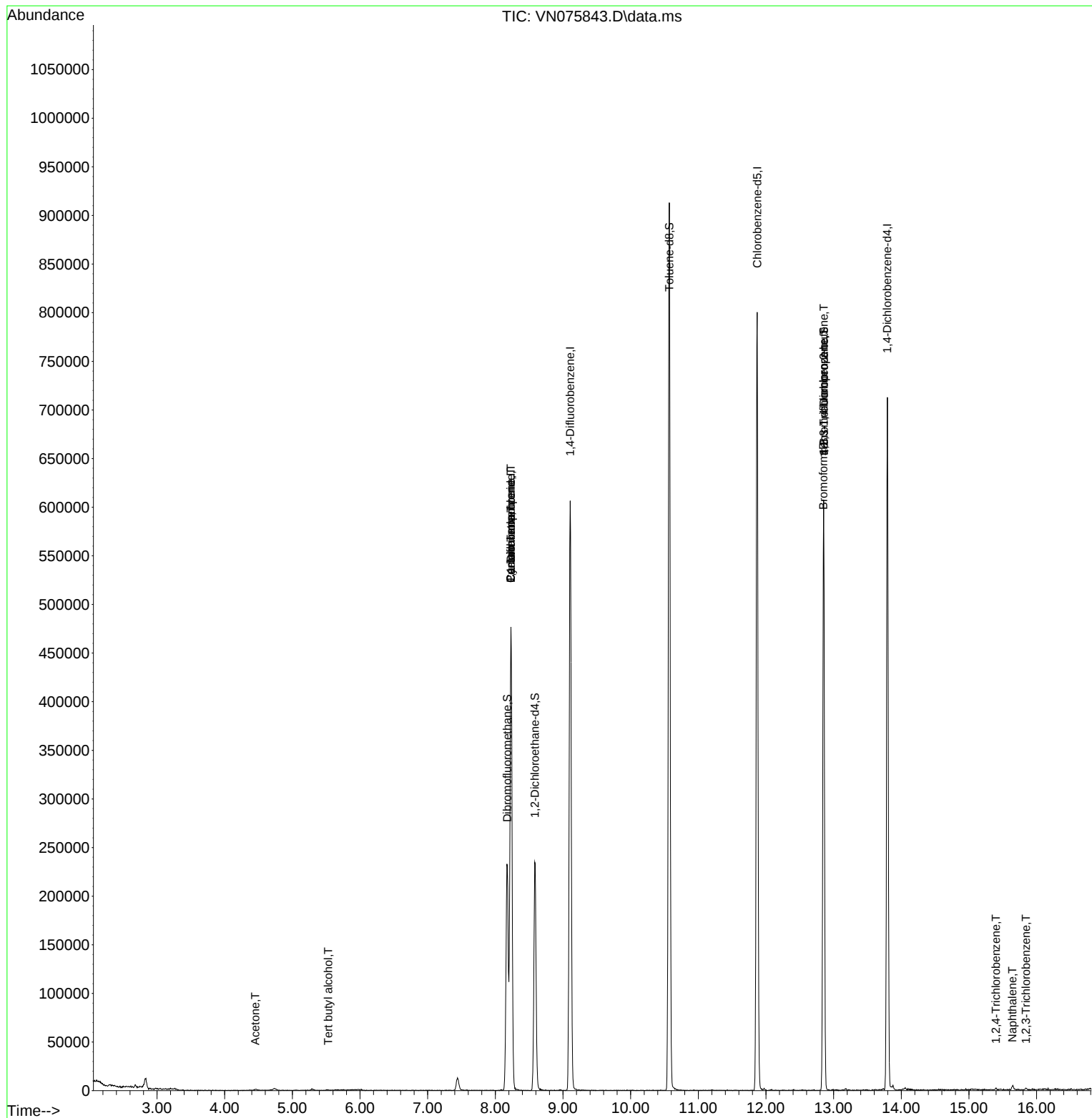
Internal Standards						
1) Pentafluorobenzene	8.230	168	372363	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	572634	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	493312	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	201212	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	188707	46.583	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.160%		
35) Dibromofluoromethane	8.177	113	169113	47.688	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.380%		
50) Toluene-d8	10.571	98	657821	49.613	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.220%		
62) 4-Bromofluorobenzene	12.853	95	202622	46.139	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.280%		
Target Compounds						Qvalue
11) Tert butyl alcohol	5.530	59	281	0.490	ug/l #	72
16) Acetone	4.454	43	1890	1.353	ug/l	93
20) Methylene Chloride	5.289	84	942	Below Cal	#	52
31) Cyclohexane	8.230	56	7561	1.303	ug/l #	30
36) 1,1-Dichloropropene	8.230	75	25872	5.492	ug/l #	51
38) Carbon Tetrachloride	8.230	117	35427	6.719	ug/l #	16
71) Bromoform	12.847	173	1661	0.609	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	105464	26.002	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	105464	93.595	ug/l #	12
93) 1,2,4-Trichlorobenzene	15.400	180	715	0.216	ug/l #	84
95) Naphthalene	15.641	128	4560	2.576	ug/l #	93
96) 1,2,3-Trichlorobenzene	15.841	180	838	0.270	ug/l #	65

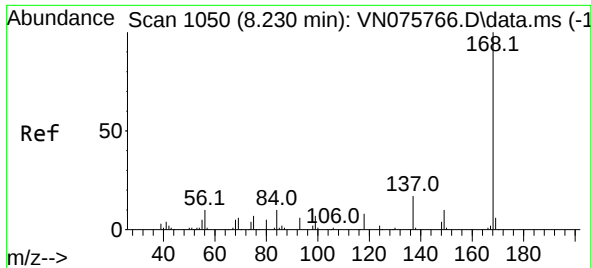
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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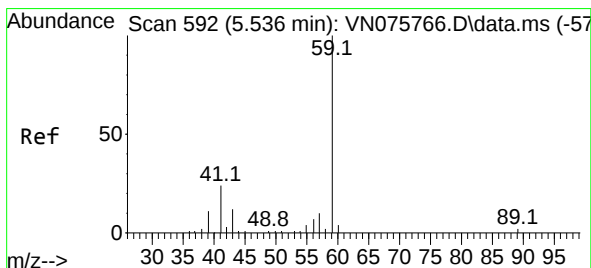
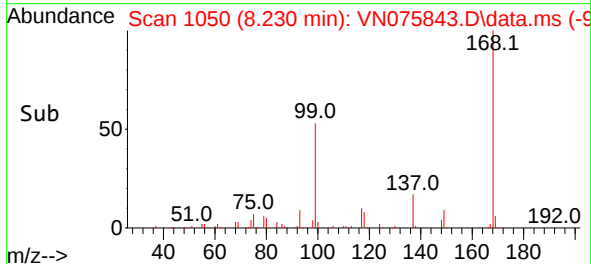
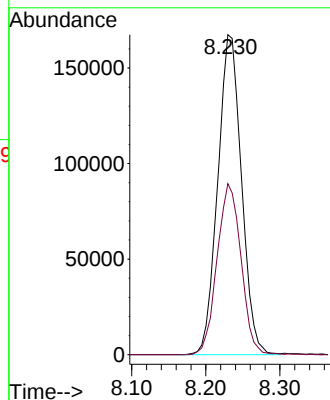
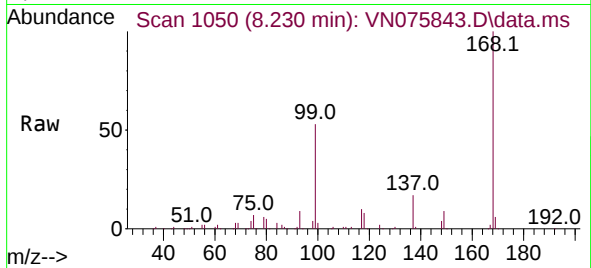




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075843.D
Acq: 16 Dec 2022 13:25

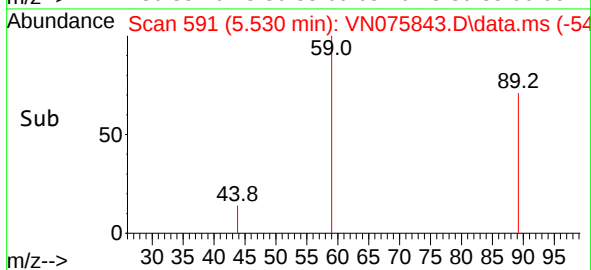
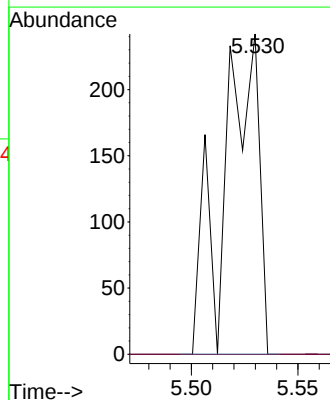
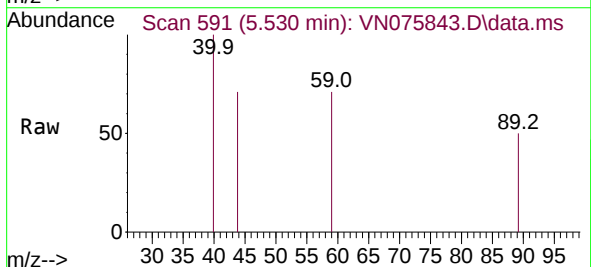
Instrument :
MSVOA_N
ClientSampleId :
EB-2022-12-15

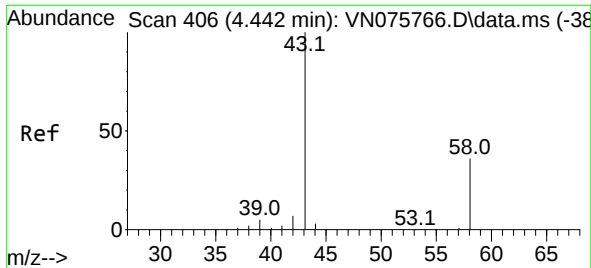
Tgt Ion:168 Resp: 372363
Ion Ratio Lower Upper
168 100
99 53.5 44.2 66.4



#11
Tert butyl alcohol
Concen: 0.490 ug/l
RT: 5.530 min Scan# 591
Delta R.T. -0.006 min
Lab File: VN075843.D
Acq: 16 Dec 2022 13:25

Tgt Ion: 59 Resp: 281
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#





#16

Acetone

Concen: 1.353 ug/l

RT: 4.454 min Scan# 406

Delta R.T. 0.012 min

Lab File: VN075843.D

Acq: 16 Dec 2022 13:25

Instrument :

MSVOA_N

ClientSampleId :

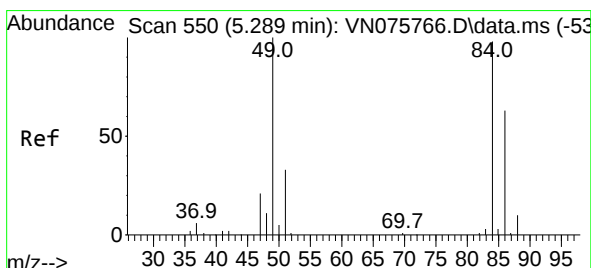
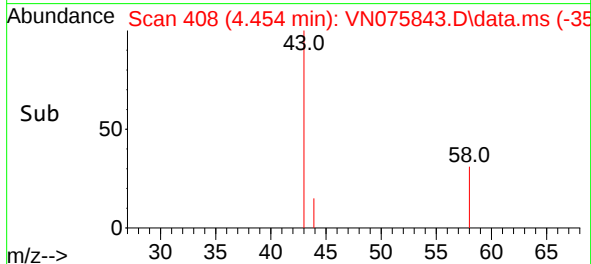
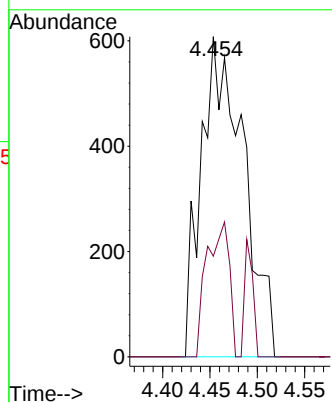
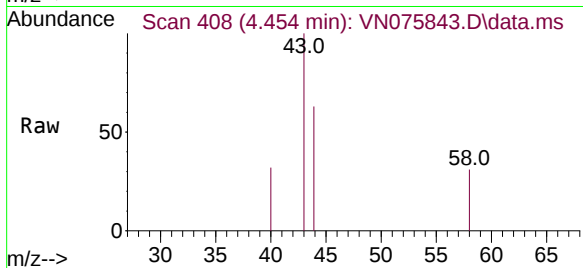
EB-2022-12-15

Tgt Ion: 43 Resp: 1890

Ion Ratio Lower Upper

43 100

58 31.4 28.6 43.0



#20

Methylene Chloride

Concen: Below Cal

RT: 5.289 min Scan# 550

Delta R.T. -0.000 min

Lab File: VN075843.D

Acq: 16 Dec 2022 13:25

Tgt Ion: 84 Resp: 942

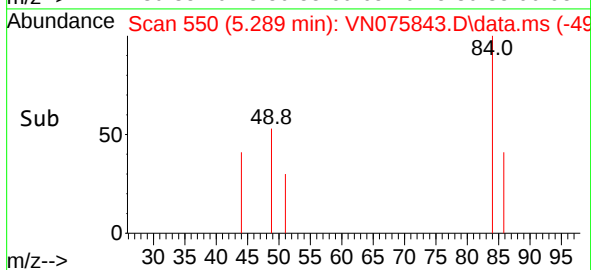
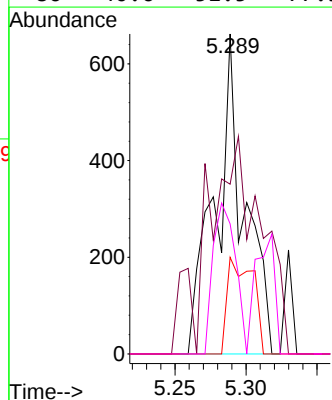
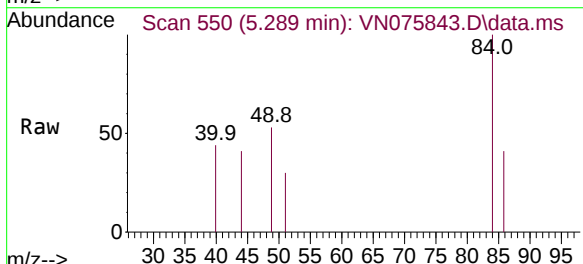
Ion Ratio Lower Upper

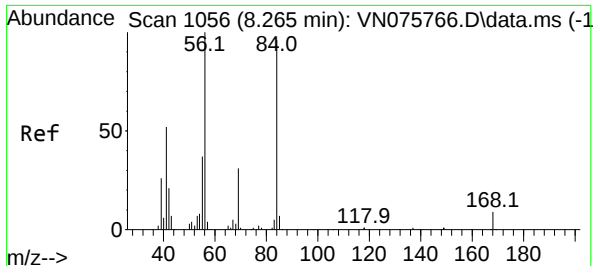
84 100

49 27.5 81.8 122.6#

51 30.2 26.7 40.1

86 40.6 51.5 77.3#





#31

Cyclohexane

Concen: 1.303 ug/l

RT: 8.230 min Scan# 1105

Delta R.T. -0.035 min

Lab File: VN075843.D

Acq: 16 Dec 2022 13:25

Instrument :

MSVOA_N

ClientSampleId :

EB-2022-12-15

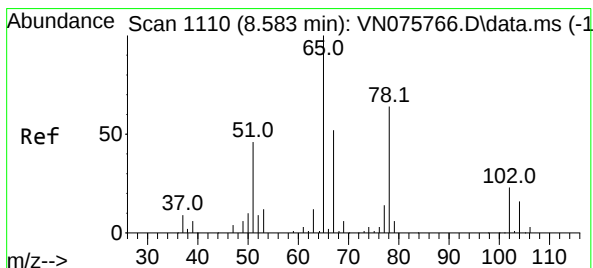
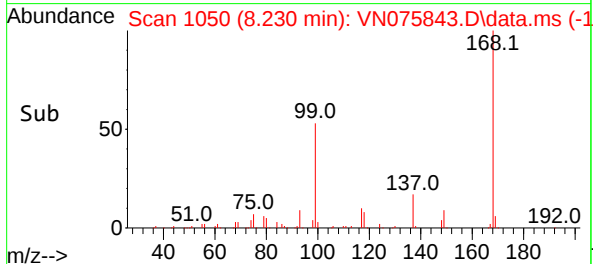
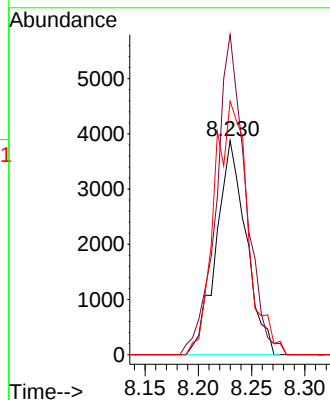
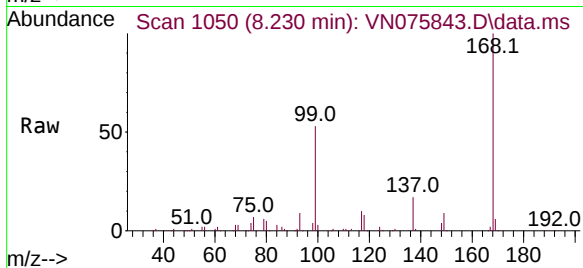
Tgt Ion: 56 Resp: 7561

Ion Ratio Lower Upper

56 100

69 149.4 24.7 37.1#

84 118.4 76.5 114.7#



#33

1,2-Dichloroethane-d4

Concen: 46.583 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VN075843.D

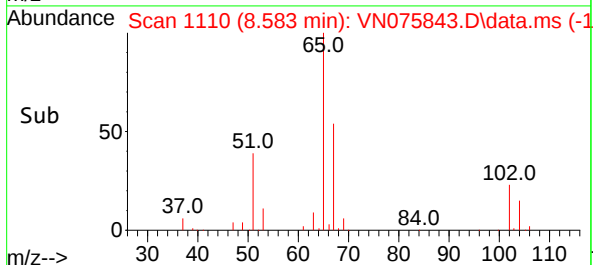
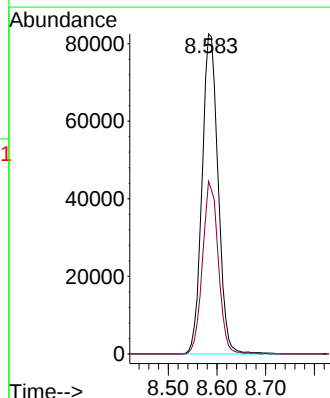
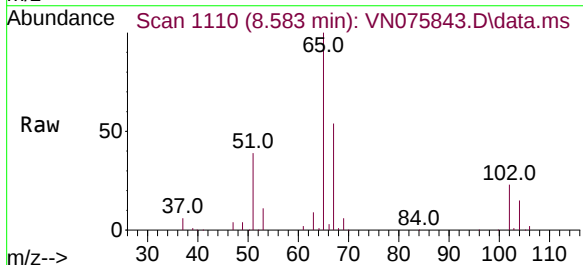
Acq: 16 Dec 2022 13:25

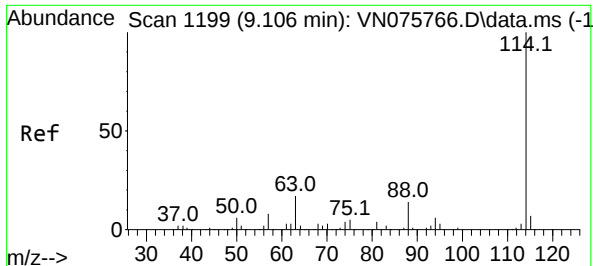
Tgt Ion: 65 Resp: 188707

Ion Ratio Lower Upper

65 100

67 52.9 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: VN075843.D

Acq: 16 Dec 2022 13:25

Instrument :

MSVOA_N

ClientSampleId :

EB-2022-12-15

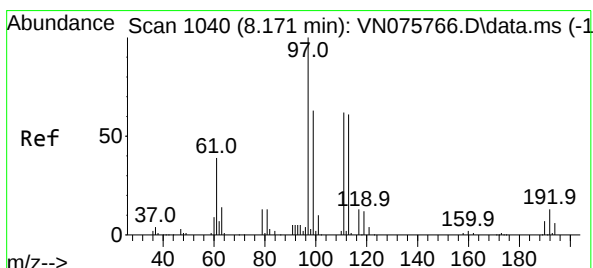
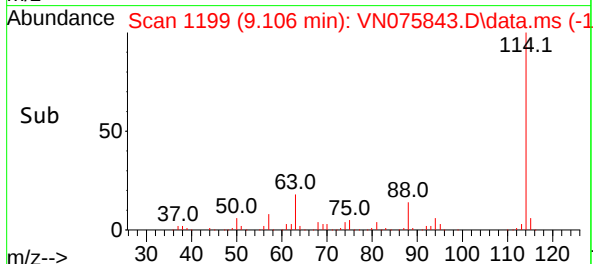
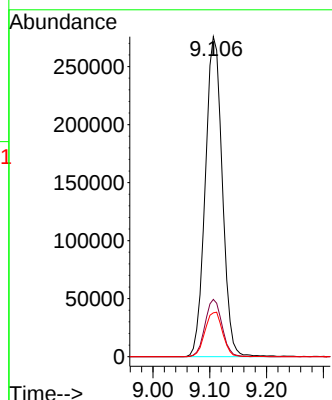
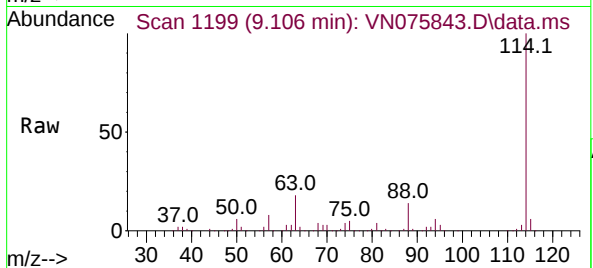
Tgt Ion:114 Resp: 572634

Ion Ratio Lower Upper

114 100

63 17.9 0.0 34.4

88 13.7 0.0 28.8



#35

Dibromofluoromethane

Concen: 47.688 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN075843.D

Acq: 16 Dec 2022 13:25

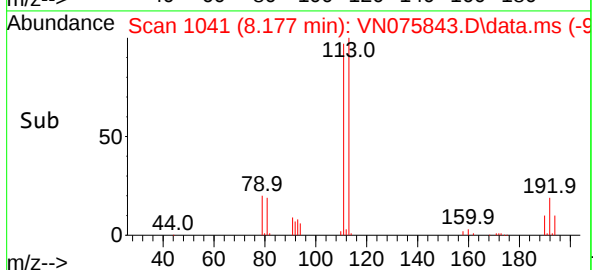
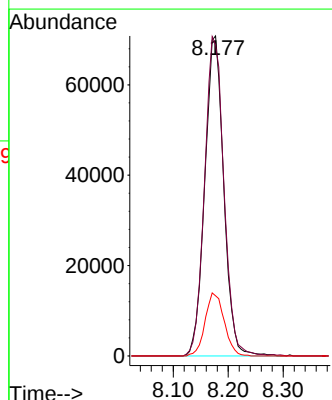
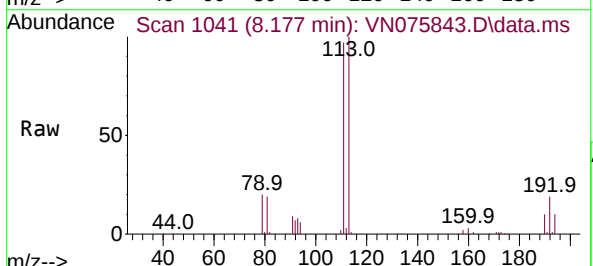
Tgt Ion:113 Resp: 169113

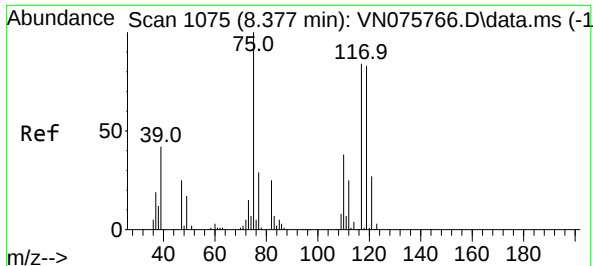
Ion Ratio Lower Upper

113 100

111 102.2 83.4 125.2

192 19.9 16.1 24.1





#36

1,1-Dichloropropene

Concen: 5.492 ug/l

RT: 8.230 min Scan# 1050

Delta R.T. -0.147 min

Lab File: VN075843.D

Acq: 16 Dec 2022 13:25

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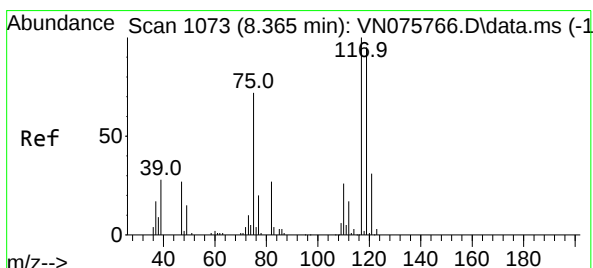
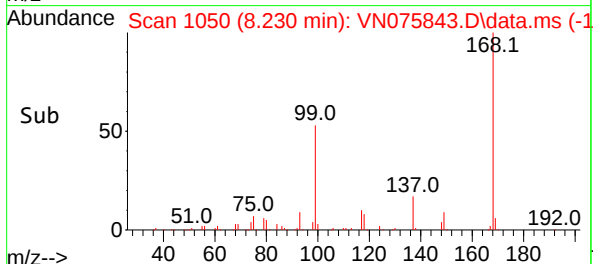
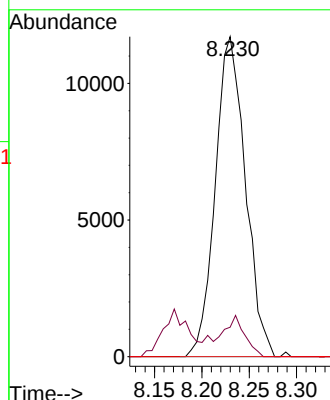
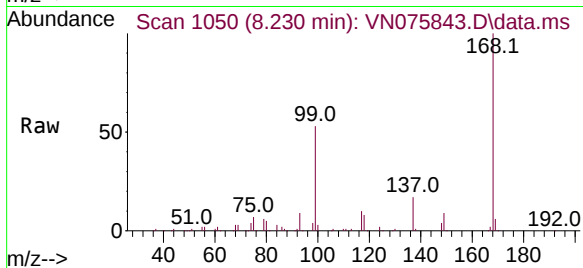
Tgt Ion: 75 Resp: 25872

Ion Ratio Lower Upper

75 100

110 10.8 18.8 56.4#

77 0.0 24.1 36.1#



#38

Carbon Tetrachloride

Concen: 6.719 ug/l

RT: 8.230 min Scan# 1050

Delta R.T. -0.135 min

Lab File: VN075843.D

Acq: 16 Dec 2022 13:25

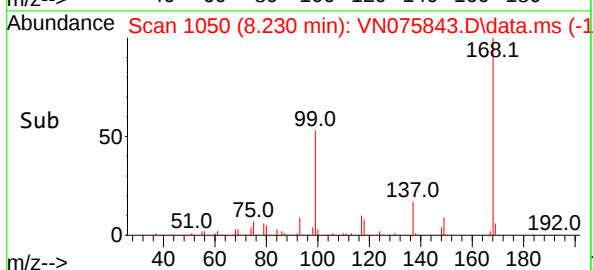
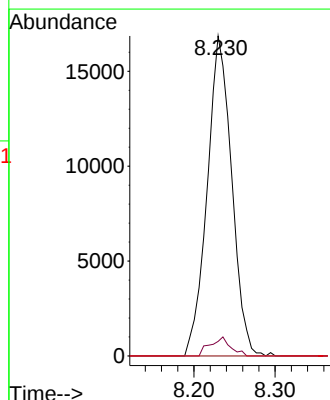
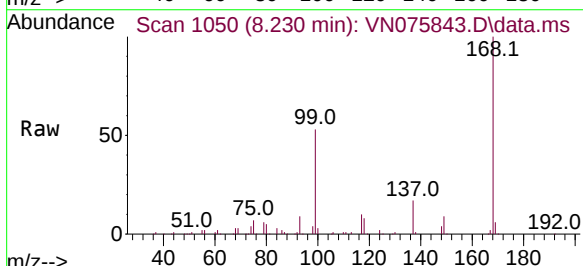
Tgt Ion: 117 Resp: 35427

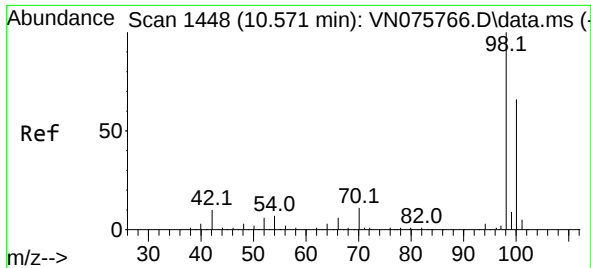
Ion Ratio Lower Upper

117 100

119 4.5 76.1 114.1#

121 0.0 24.5 36.7#

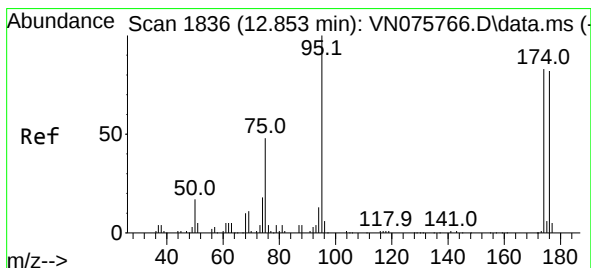
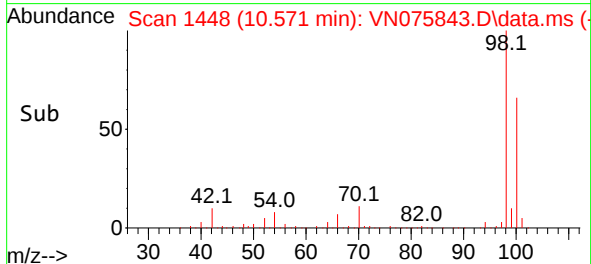
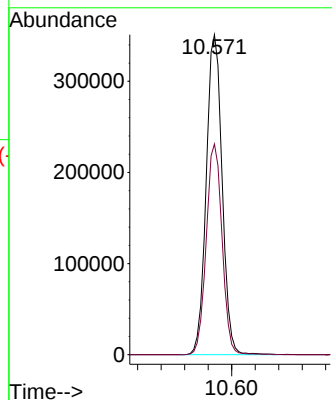
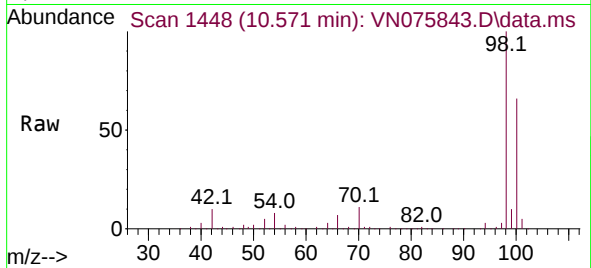




#50
Toluene-d8
Concen: 49.613 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN075843.D
Acq: 16 Dec 2022 13:25

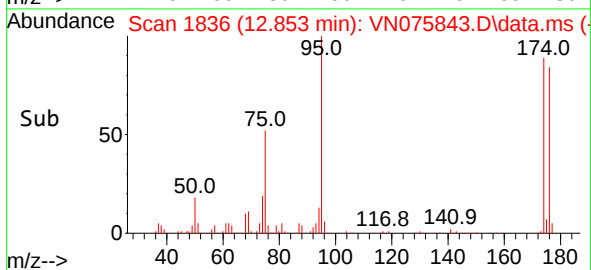
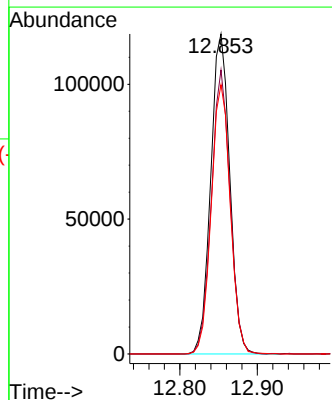
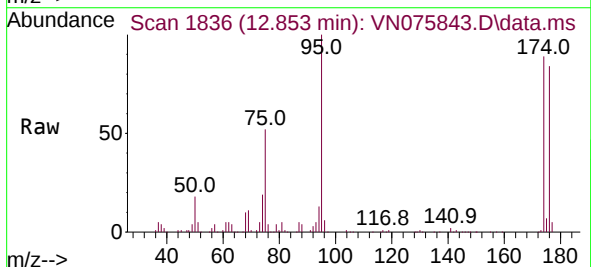
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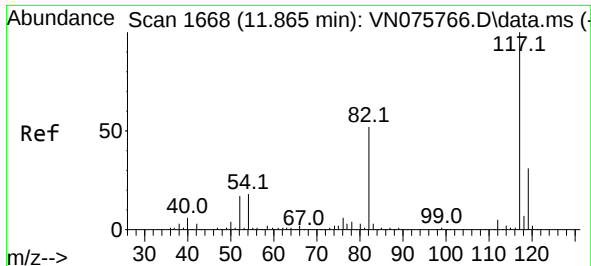
Tgt Ion: 98 Resp: 657821
Ion Ratio Lower Upper
98 100
100 65.6 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 46.139 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN075843.D
Acq: 16 Dec 2022 13:25

Tgt Ion: 95 Resp: 202622
Ion Ratio Lower Upper
95 100
174 87.2 0.0 171.6
176 84.2 0.0 169.2

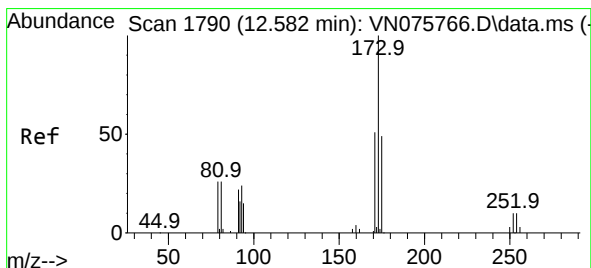
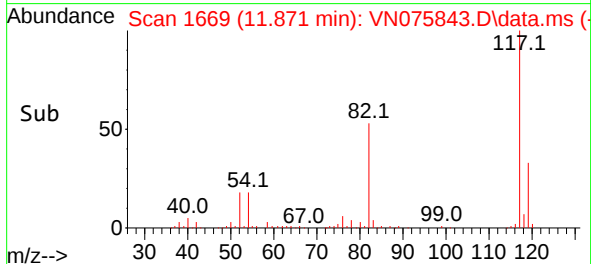
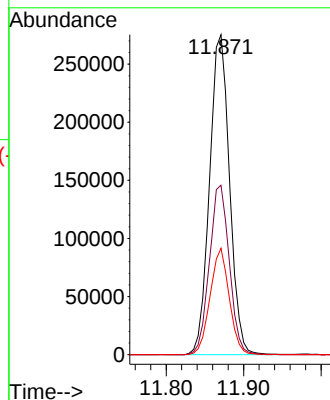
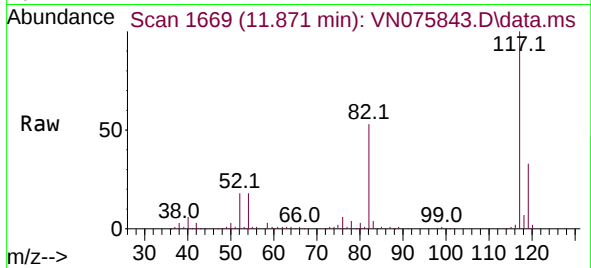




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN075843.D
Acq: 16 Dec 2022 13:25

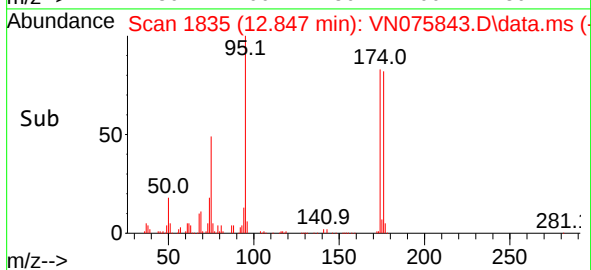
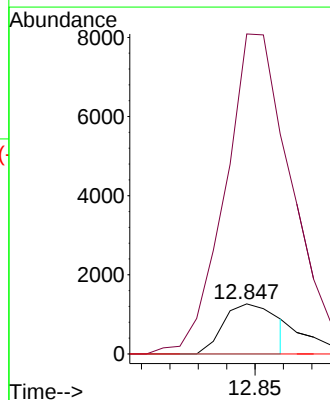
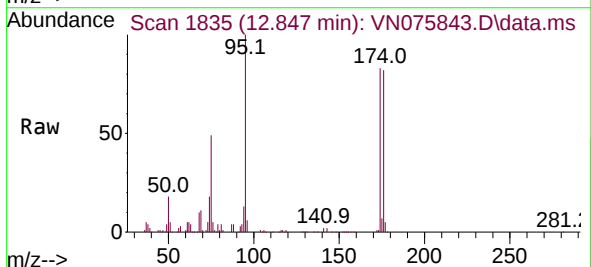
Instrument :
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EB-2022-12-15

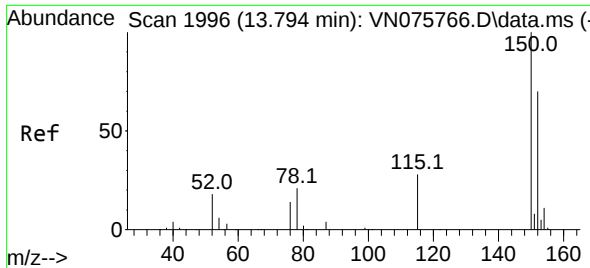
Tgt Ion:117 Resp: 493312
Ion Ratio Lower Upper
117 100
82 53.0 41.3 61.9
119 33.2 24.6 37.0



#71
Bromoform
Concen: 0.609 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.265 min
Lab File: VN075843.D
Acq: 16 Dec 2022 13:25

Tgt Ion:173 Resp: 1661
Ion Ratio Lower Upper
173 100
175 645.2 24.3 72.8#
254 0.0 0.0 0.0

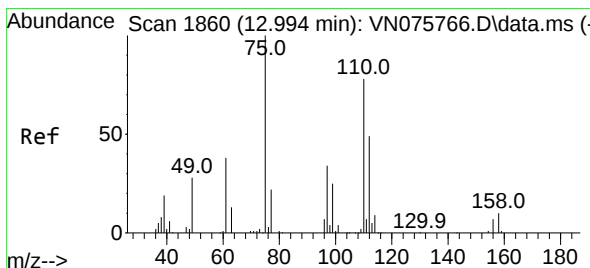
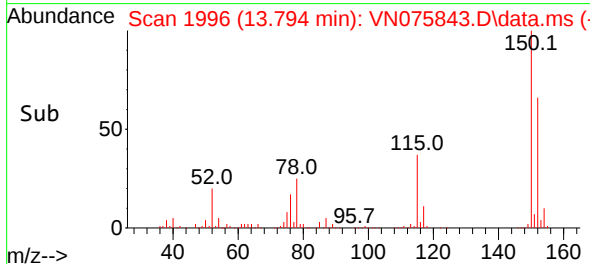
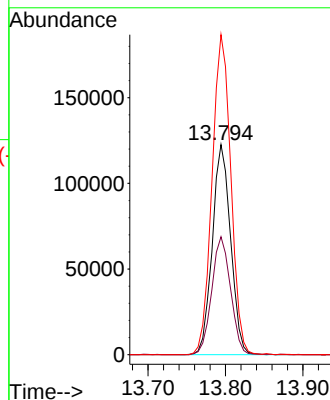
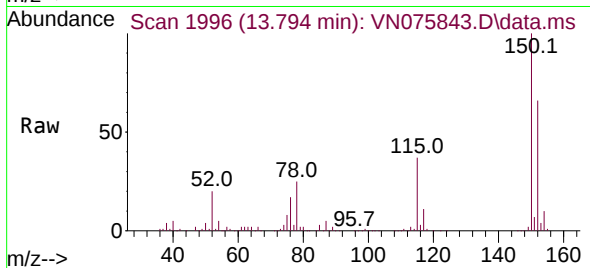




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 1996
 Delta R.T. 0.000 min
 Lab File: VN075843.D
 Acq: 16 Dec 2022 13:25

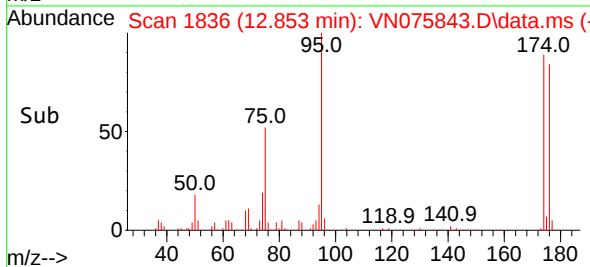
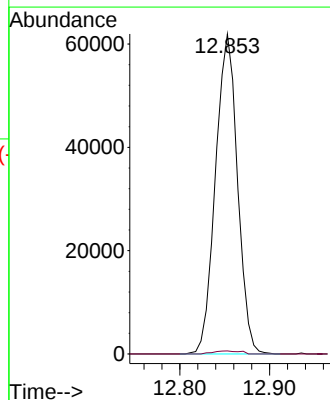
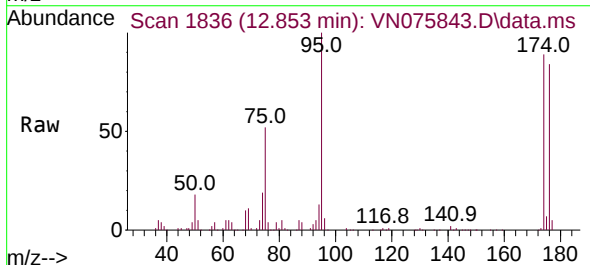
Instrument :
 MSVOA_N
 ClientSampleId :
 EB-2022-12-15

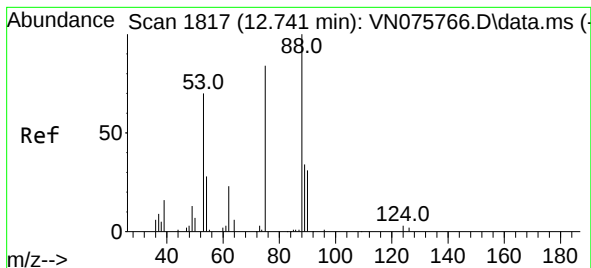
Tgt Ion:152 Resp: 201212
 Ion Ratio Lower Upper
 152 100
 115 57.7 29.1 87.4
 150 156.4 0.0 347.0



#76
 1,2,3-Trichloropropane
 Concen: 26.002 ug/l
 RT: 12.853 min Scan# 1836
 Delta R.T. -0.141 min
 Lab File: VN075843.D
 Acq: 16 Dec 2022 13:25

Tgt Ion: 75 Resp: 105464
 Ion Ratio Lower Upper
 75 100
 77 1.2 82.6 247.8#

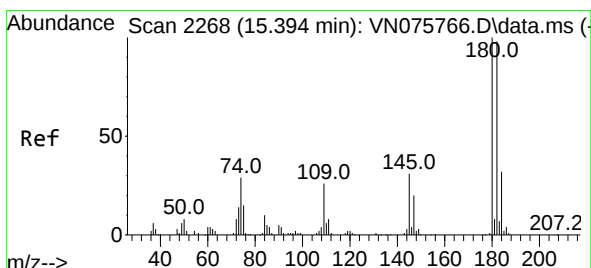
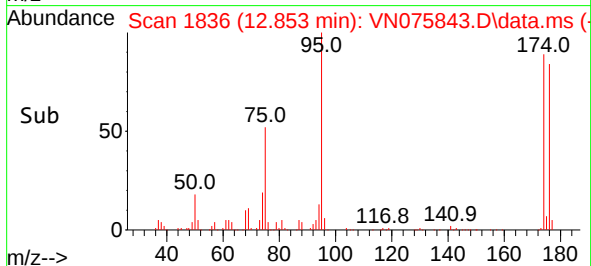
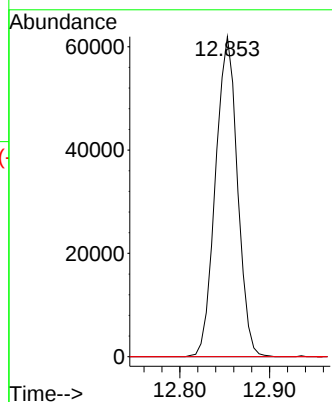
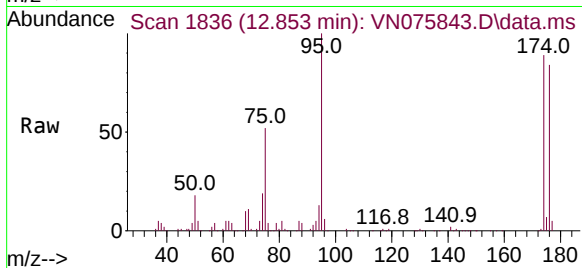




#81
 trans-1,4-Dichloro-2-butene
 Concen: 93.595 ug/l
 RT: 12.853 min Scan# 1836
 Delta R.T. 0.112 min
 Lab File: VN075843.D
 Acq: 16 Dec 2022 13:25

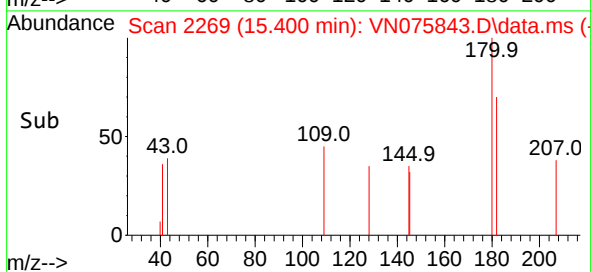
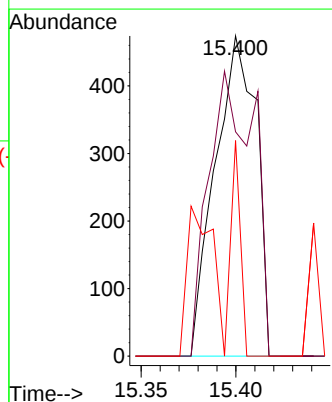
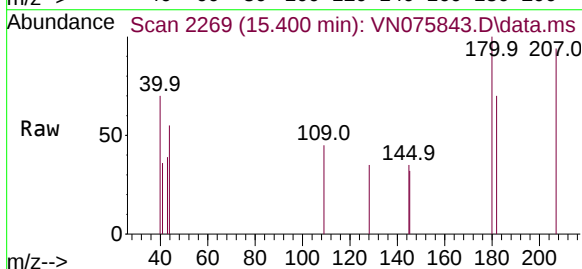
Instrument :
 MSVOA_N
 ClientSampleId :
 EB-2022-12-15

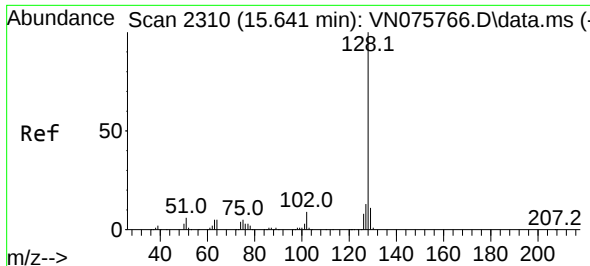
Tgt Ion: 75 Resp: 105464
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.8 110.6#
 89 0.0 39.5 59.3#



#93
 1,2,4-Trichlorobenzene
 Concen: 0.216 ug/l
 RT: 15.400 min Scan# 2269
 Delta R.T. 0.006 min
 Lab File: VN075843.D
 Acq: 16 Dec 2022 13:25

Tgt Ion:180 Resp: 715
 Ion Ratio Lower Upper
 180 100
 182 97.5 47.5 142.5
 145 0.0 15.3 45.8#

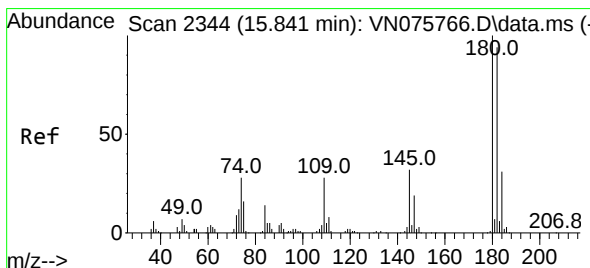
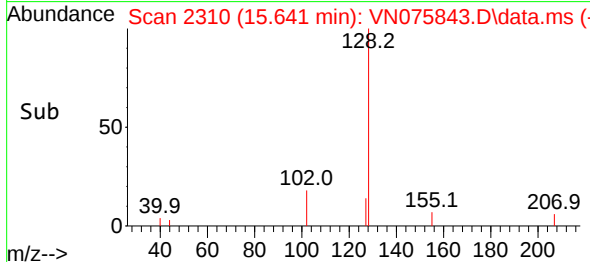
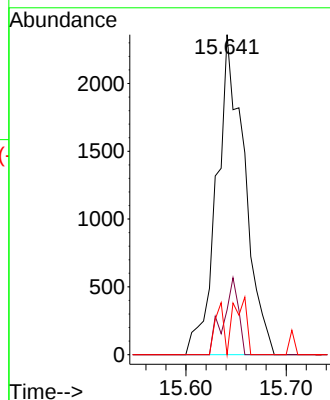
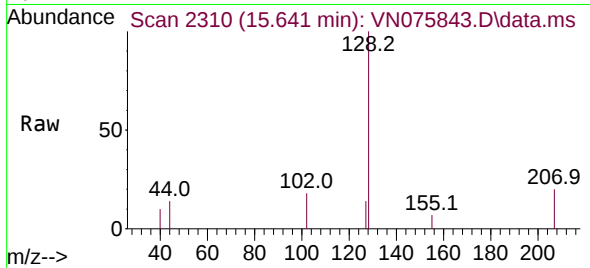




#95
Naphthalene
Concen: 2.576 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. 0.000 min
Lab File: VN075843.D
Acq: 16 Dec 2022 13:25

Instrument :
MSVOA_N
ClientSampleId :
EB-2022-12-15

Tgt Ion:128 Resp: 4560
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 5.0 8.7 13.1#



#96
1,2,3-Trichlorobenzene
Concen: 0.270 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. 0.000 min
Lab File: VN075843.D
Acq: 16 Dec 2022 13:25

Tgt Ion:180 Resp: 838
Ion Ratio Lower Upper
180 100
182 58.2 47.0 141.0
145 14.8 16.0 47.9#

