

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN12222\
 Data File : VN075940.D
 Acq On : 22 Dec 2022 13:15
 Operator : JC\MD
 Sample : N6182-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-01-122122

Quant Time: Dec 23 04:01:12 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)

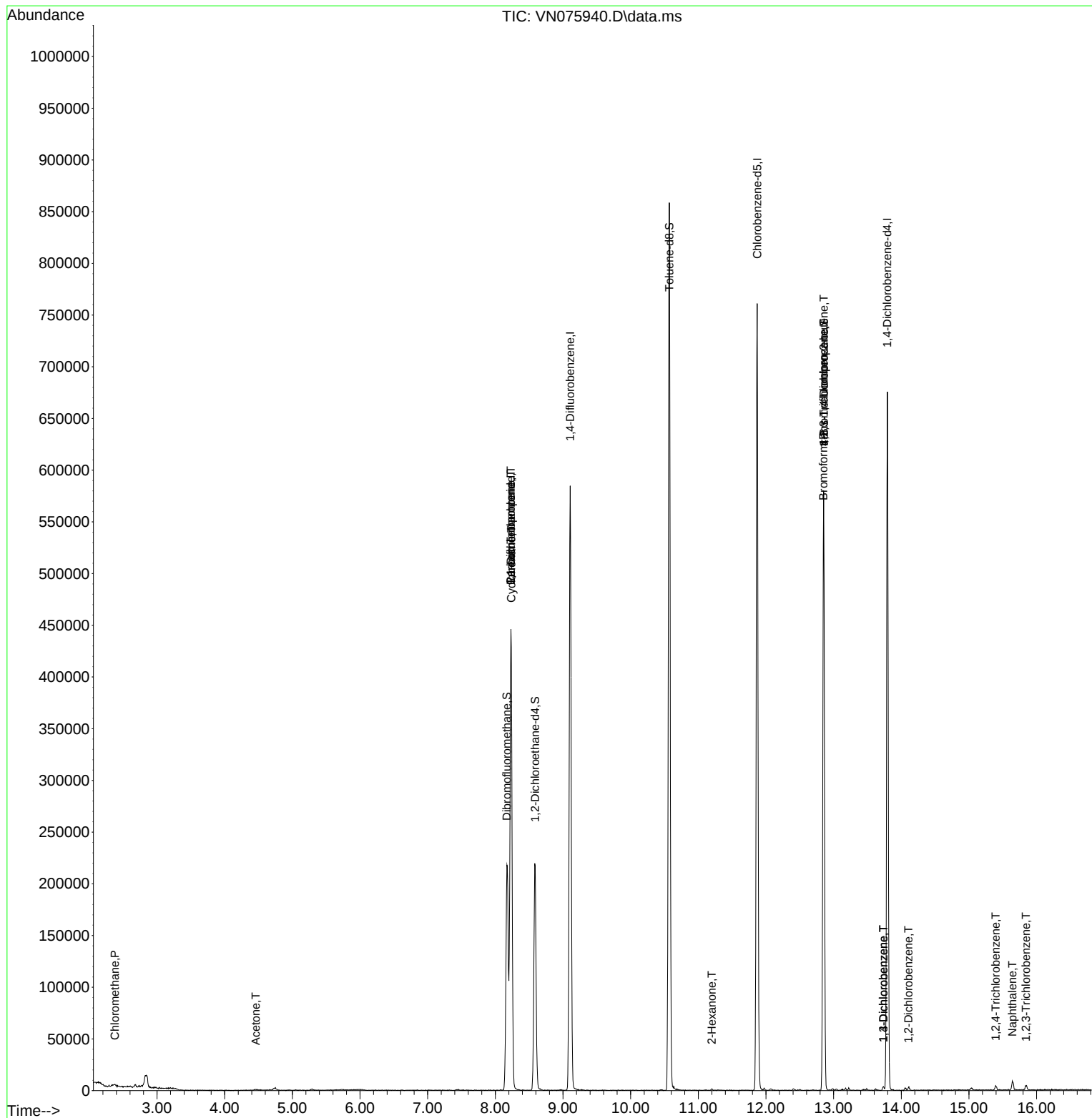
Internal Standards						
1) Pentafluorobenzene	8.230	168	342200	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	536588	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	466503	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	190699	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.589	65	175662	47.185	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.380%		
35) Dibromofluoromethane	8.171	113	160588	48.326	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.660%		
50) Toluene-d8	10.571	98	617597	49.709	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.420%		
62) 4-Bromofluorobenzene	12.853	95	192434	46.763	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.520%		
Target Compounds						Qvalue
3) Chloromethane	2.377	50	661	0.219	ug/l #	40
16) Acetone	4.459	43	1250	0.974	ug/l #	39
20) Methylene Chloride	5.277	84	489	Below Cal	#	88
31) Cyclohexane	8.236	56	6205	1.164	ug/l #	20
36) 1,1-Dichloropropene	8.230	75	24521	5.555	ug/l #	50
38) Carbon Tetrachloride	8.230	117	33114	6.702	ug/l #	16
59) 2-Hexanone	11.200	43	1023	0.397	ug/l	89
71) Bromoform	12.847	173	1536	0.595	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	98471	25.617	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	98471	92.207	ug/l #	12
87) 1,3-Dichlorobenzene	13.735	146	1493	0.232	ug/l	90
88) 1,4-Dichlorobenzene	13.735	146	1493	0.227	ug/l	92
91) 1,2-Dichlorobenzene	14.106	146	1765	0.278	ug/l	89
93) 1,2,4-Trichlorobenzene	15.394	180	1959	0.624	ug/l	93
95) Naphthalene	15.641	128	9081	3.014	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	1979	0.674	ug/l	94

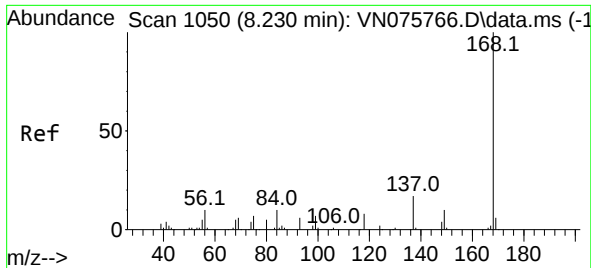
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122222\
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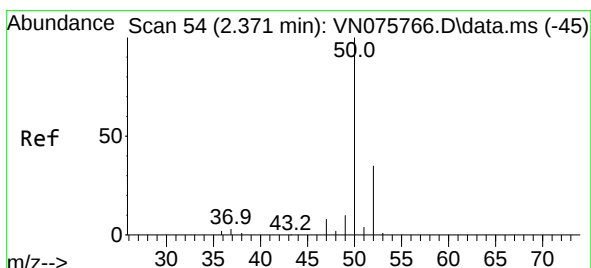
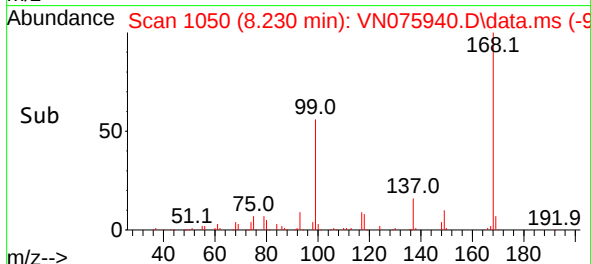
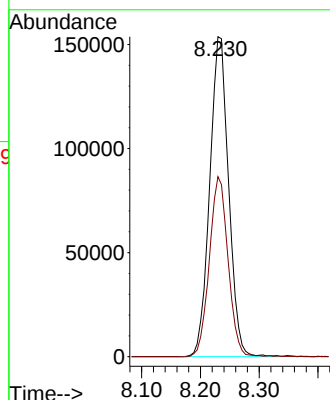
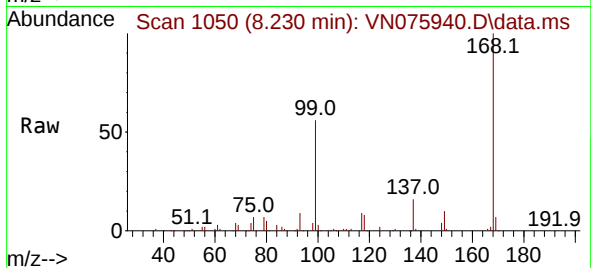




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN075940.D
Acq: 22 Dec 2022 13:15

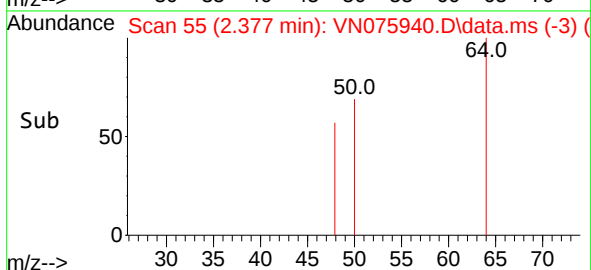
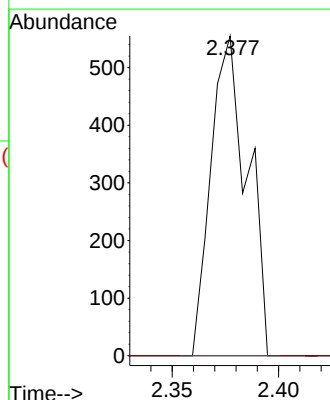
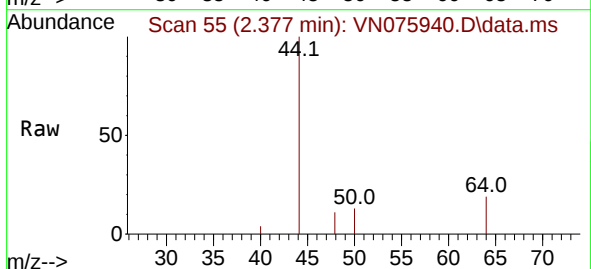
Instrument :
MSVOA_N
ClientSampleId :
TB-01-122122

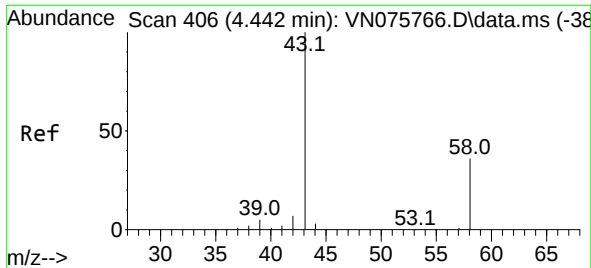
Tgt Ion:168 Resp: 342200
Ion Ratio Lower Upper
168 100
99 56.3 44.2 66.4



#3
Chloromethane
Concen: 0.219 ug/l
RT: 2.377 min Scan# 55
Delta R.T. 0.006 min
Lab File: VN075940.D
Acq: 22 Dec 2022 13:15

Tgt Ion: 50 Resp: 661
Ion Ratio Lower Upper
50 100
52 0.0 27.7 41.5#

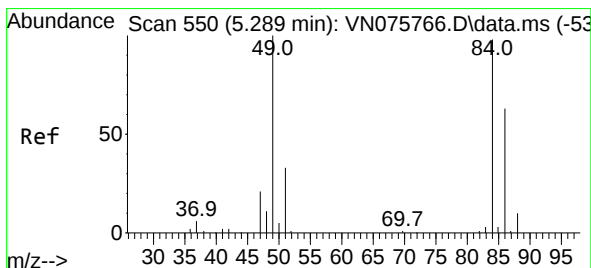
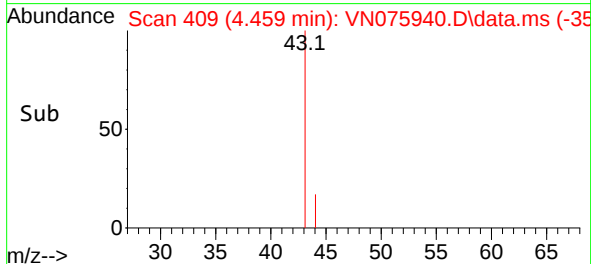
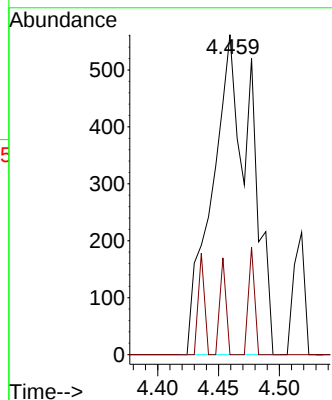
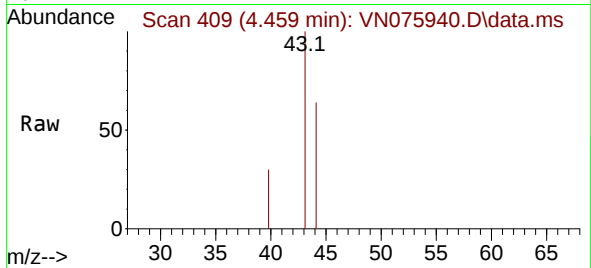




#16
Acetone
Concen: 0.974 ug/l
RT: 4.459 min Scan# 406
Delta R.T. 0.018 min
Lab File: VN075940.D
Acq: 22 Dec 2022 13:15

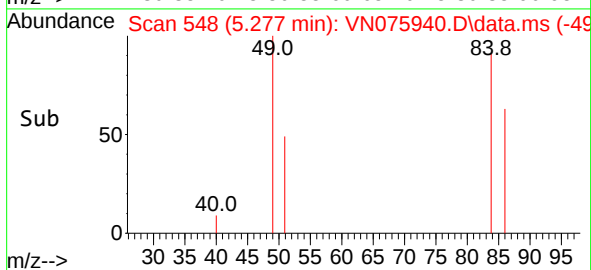
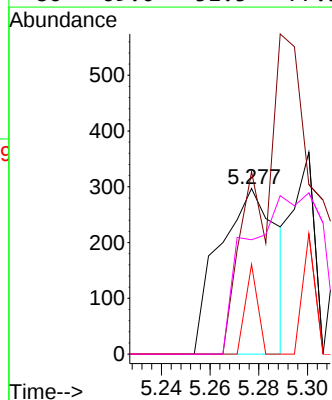
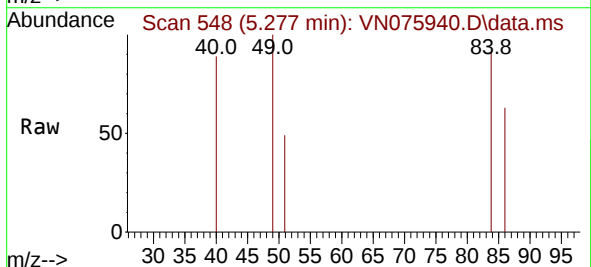
Instrument :
MSVOA_N
ClientSampleId :
TB-01-122122

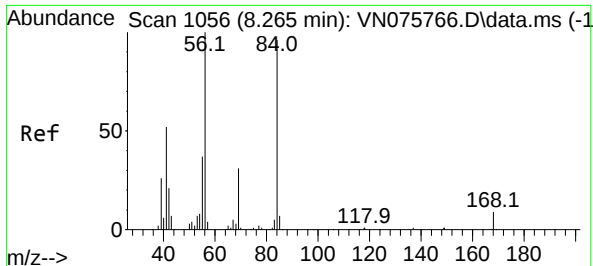
Tgt Ion: 43 Resp: 1250
Ion Ratio Lower Upper
43 100
58 0.0 28.6 43.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 5.277 min Scan# 548
Delta R.T. -0.012 min
Lab File: VN075940.D
Acq: 22 Dec 2022 13:15

Tgt Ion: 84 Resp: 489
Ion Ratio Lower Upper
84 100
49 110.1 81.8 122.6
51 54.2 26.7 40.1#
86 69.0 51.5 77.3

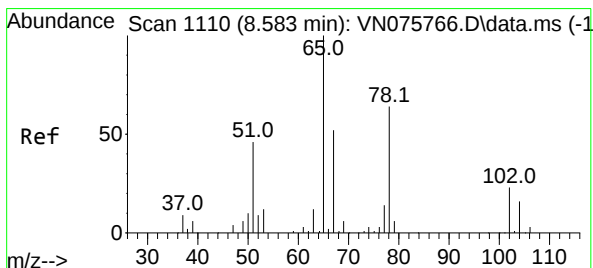
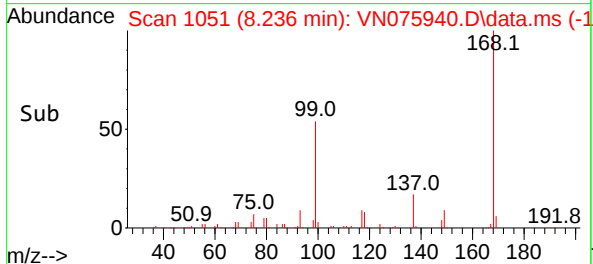
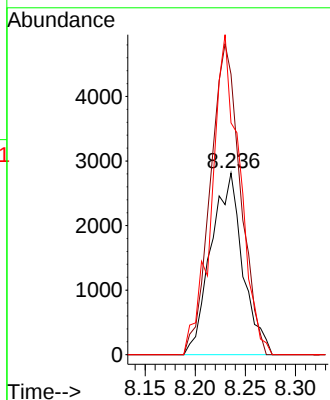
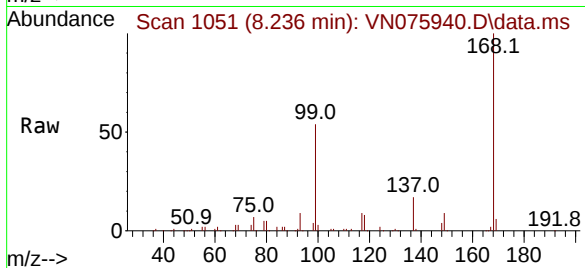




#31
Cyclohexane
Concen: 1.164 ug/l
RT: 8.236 min Scan# 1051
Delta R.T. -0.029 min
Lab File: VN075940.D
Acq: 22 Dec 2022 13:15

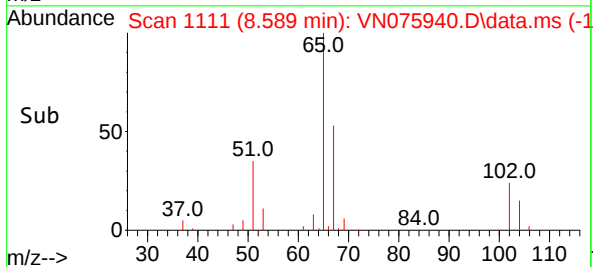
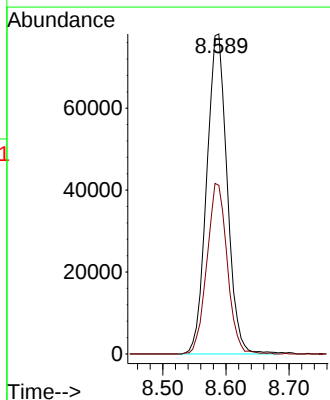
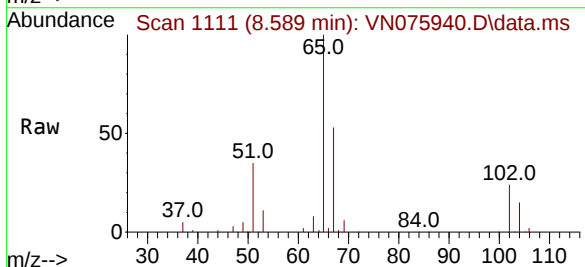
Instrument :
MSVOA_N
ClientSampleId :
TB-01-122122

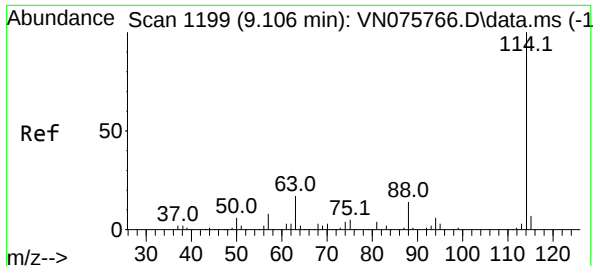
Tgt Ion: 56 Resp: 6205
Ion Ratio Lower Upper
56 100
69 154.5 24.7 37.1#
84 127.7 76.5 114.7#



#33
1,2-Dichloroethane-d4
Concen: 47.185 ug/l
RT: 8.589 min Scan# 1111
Delta R.T. 0.006 min
Lab File: VN075940.D
Acq: 22 Dec 2022 13:15

Tgt Ion: 65 Resp: 175662
Ion Ratio Lower Upper
65 100
67 53.0 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075940.D

Acq: 22 Dec 2022 13:15

Instrument :

MSVOA_N

ClientSampleId :

TB-01-122122

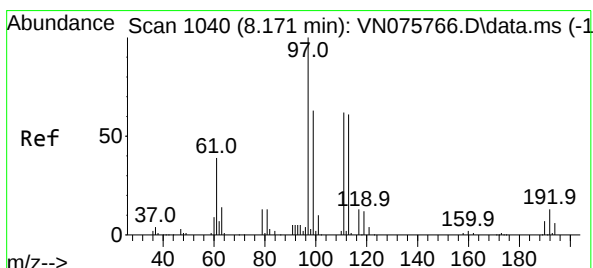
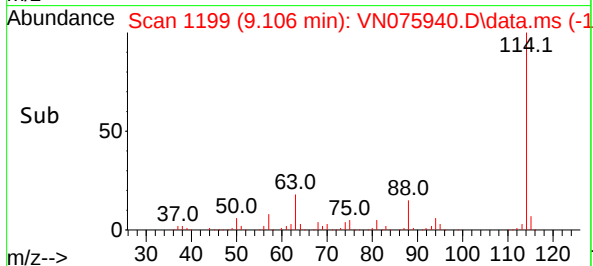
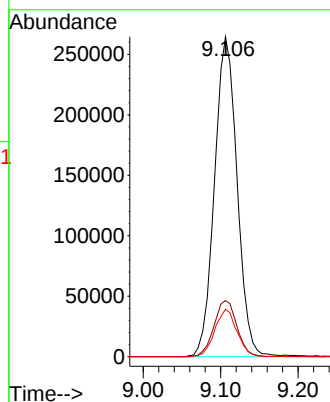
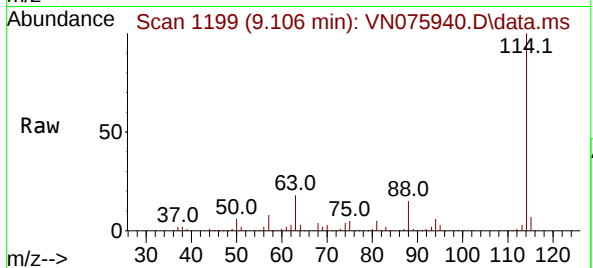
Tgt Ion:114 Resp: 536588

Ion Ratio Lower Upper

114 100

63 17.6 0.0 34.4

88 14.9 0.0 28.8



#35

Dibromofluoromethane

Concen: 48.326 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VN075940.D

Acq: 22 Dec 2022 13:15

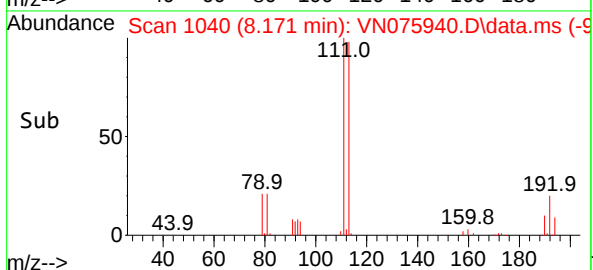
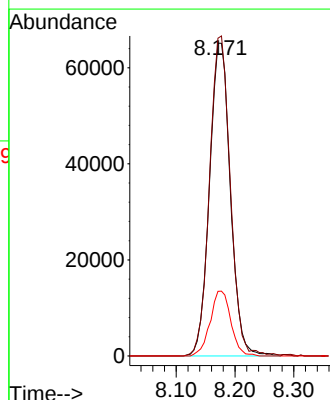
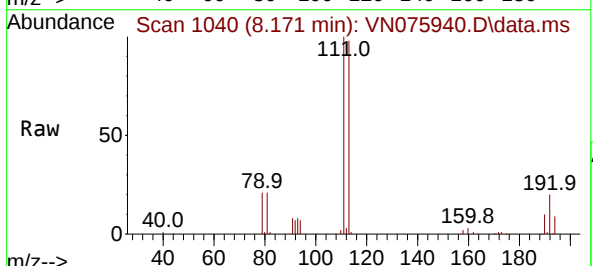
Tgt Ion:113 Resp: 160588

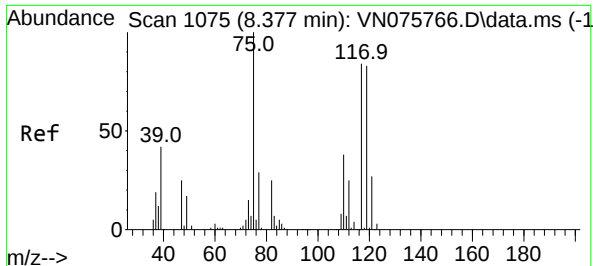
Ion Ratio Lower Upper

113 100

111 101.6 83.4 125.2

192 20.6 16.1 24.1





#36

1,1-Dichloropropene

Concen: 5.555 ug/l

RT: 8.230 min Scan# 1050

Delta R.T. -0.147 min

Lab File: VN075940.D

Acq: 22 Dec 2022 13:15

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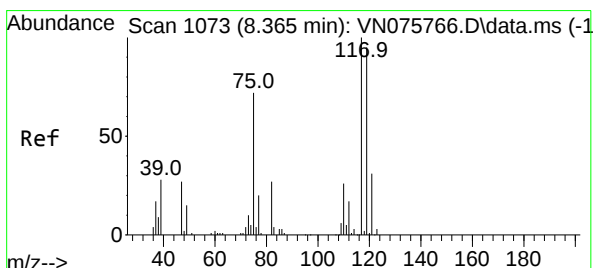
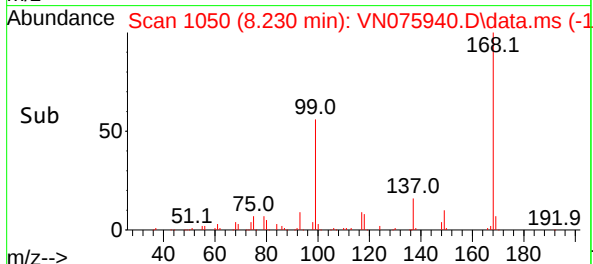
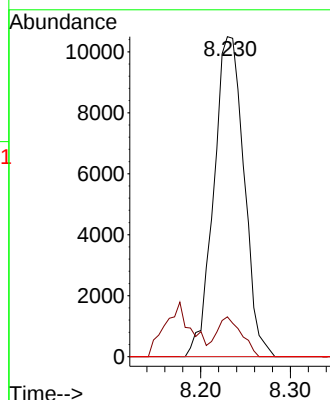
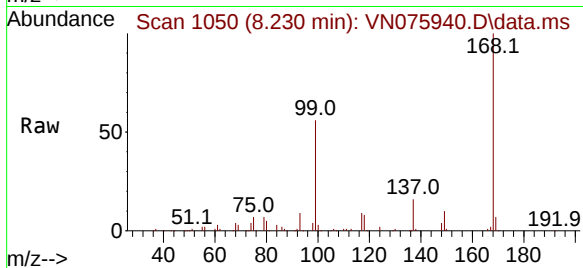
Tgt Ion: 75 Resp: 24521

Ion Ratio Lower Upper

75 100

110 10.4 18.8 56.4#

77 0.0 24.1 36.1#



#38

Carbon Tetrachloride

Concen: 6.702 ug/l

RT: 8.230 min Scan# 1050

Delta R.T. -0.135 min

Lab File: VN075940.D

Acq: 22 Dec 2022 13:15

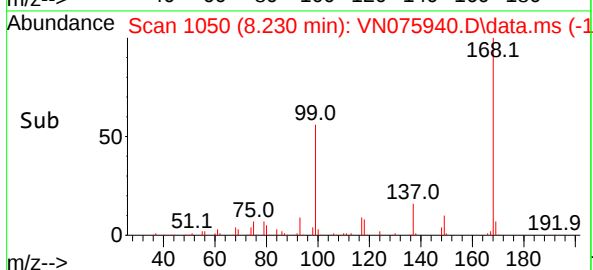
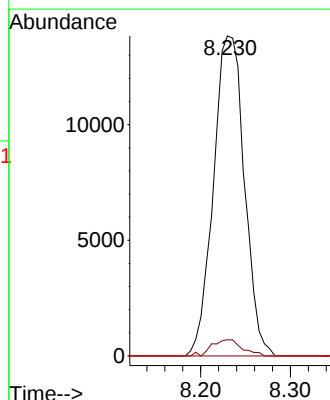
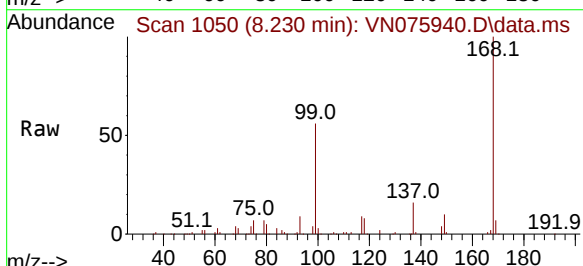
Tgt Ion: 117 Resp: 33114

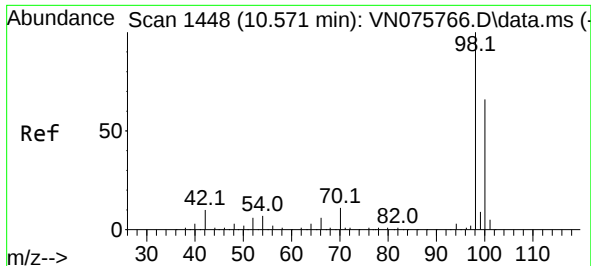
Ion Ratio Lower Upper

117 100

119 5.0 76.1 114.1#

121 0.0 24.5 36.7#

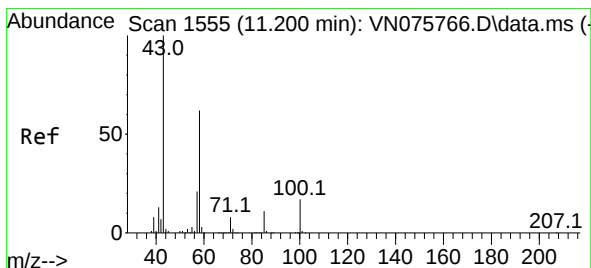
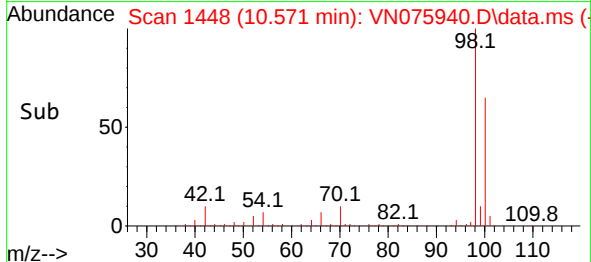
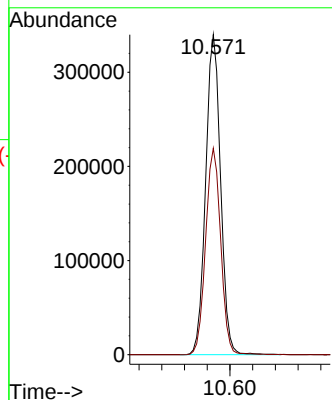
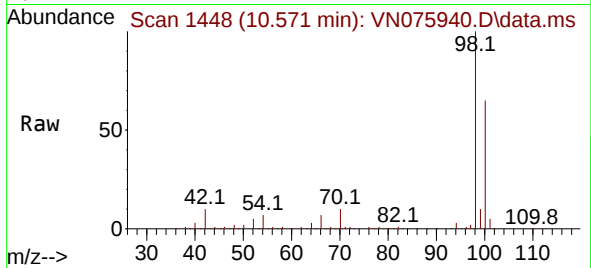




#50
Toluene-d8
Concen: 49.709 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN075940.D
Acq: 22 Dec 2022 13:15

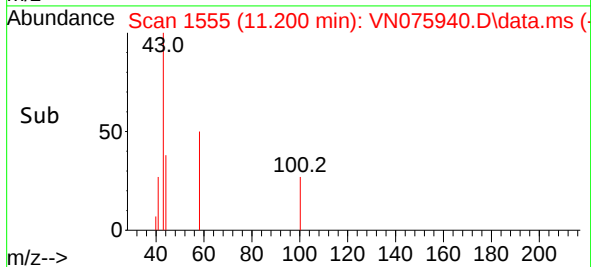
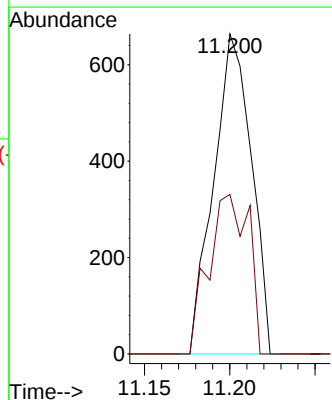
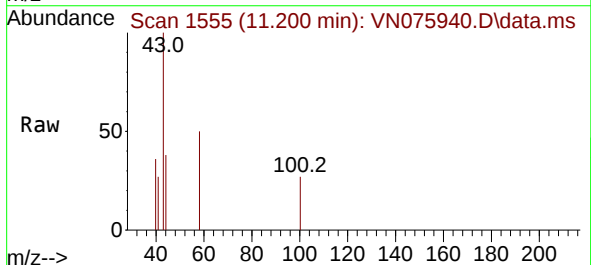
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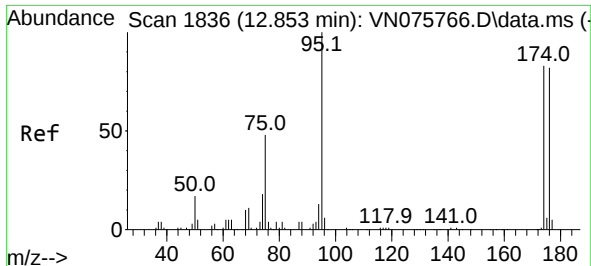
Tgt Ion: 98 Resp: 617597
Ion Ratio Lower Upper
98 100
100 65.2 52.1 78.1



#59
2-Hexanone
Concen: 0.397 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN075940.D
Acq: 22 Dec 2022 13:15

Tgt Ion: 43 Resp: 1023
Ion Ratio Lower Upper
43 100
58 52.9 30.6 92.0

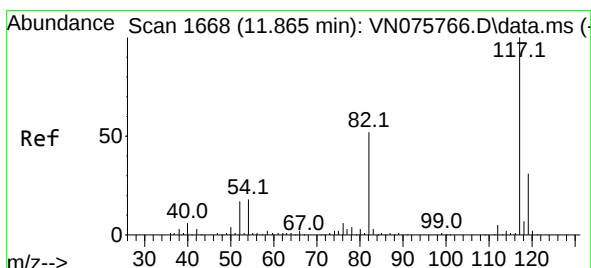
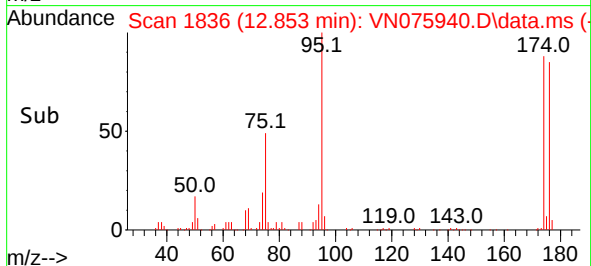
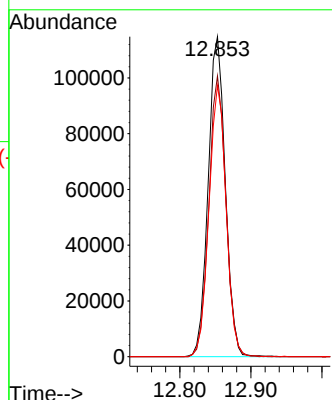
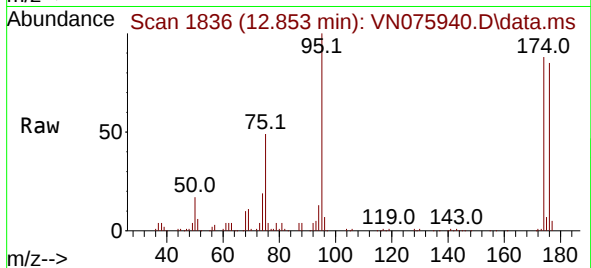




#62
4-Bromofluorobenzene
Concen: 46.763 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN075940.D
Acq: 22 Dec 2022 13:15

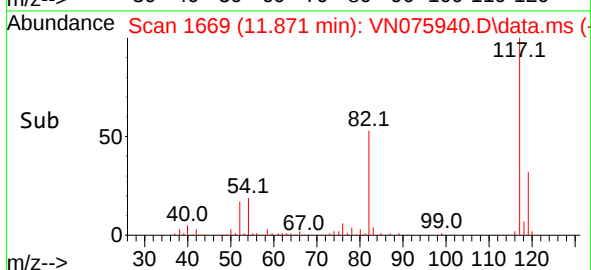
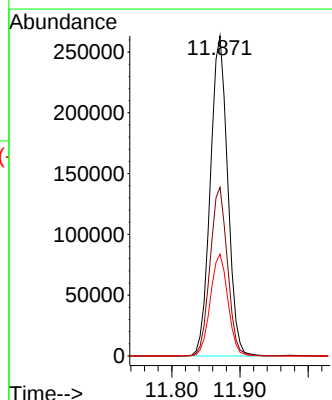
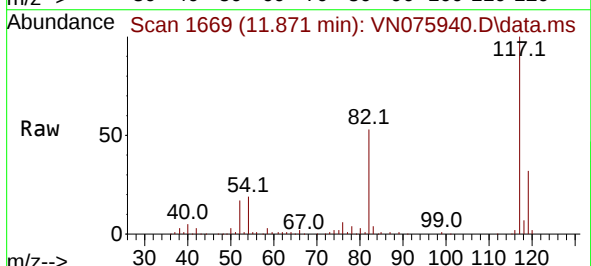
Instrument :
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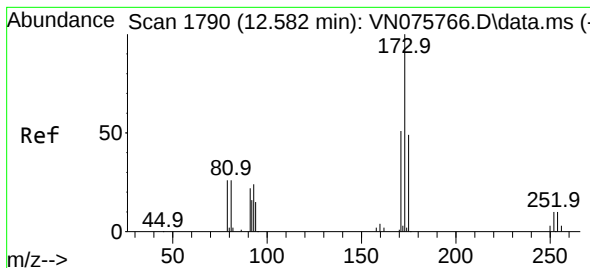
Tgt Ion: 95 Resp: 192434
Ion Ratio Lower Upper
95 100
174 87.4 0.0 171.6
176 84.9 0.0 169.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN075940.D
Acq: 22 Dec 2022 13:15

Tgt Ion: 117 Resp: 466503
Ion Ratio Lower Upper
117 100
82 52.7 41.3 61.9
119 31.8 24.6 37.0





#71

Bromoform

Concen: 0.595 ug/l

RT: 12.847 min Scan# 1835

Delta R.T. 0.265 min

Lab File: VN075940.D

Acq: 22 Dec 2022 13:15

Instrument :

MSVOA_N

ClientSampleId :

TB-01-122122

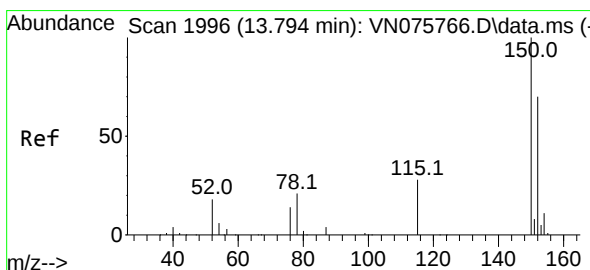
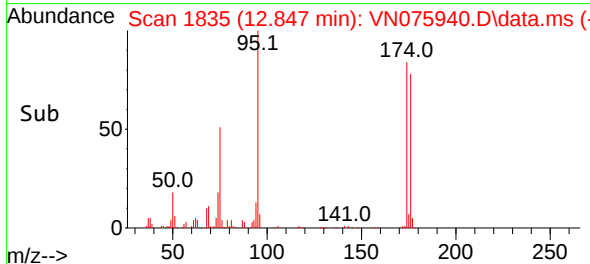
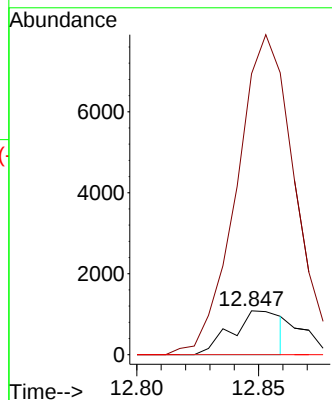
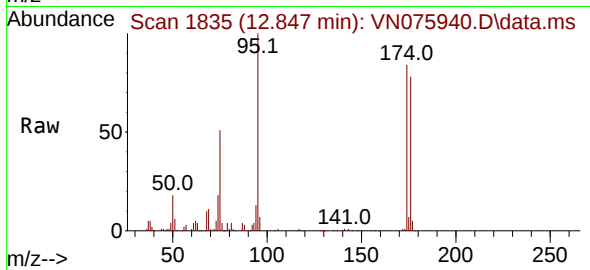
Tgt Ion:173 Resp: 1536

Ion Ratio Lower Upper

173 100

175 677.8 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: VN075940.D

Acq: 22 Dec 2022 13:15

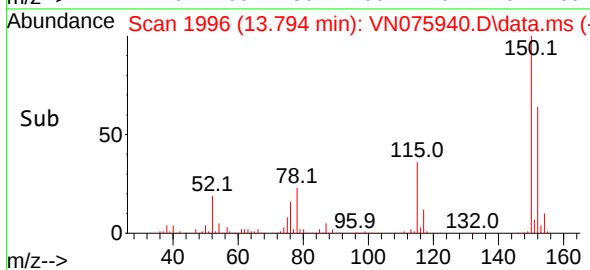
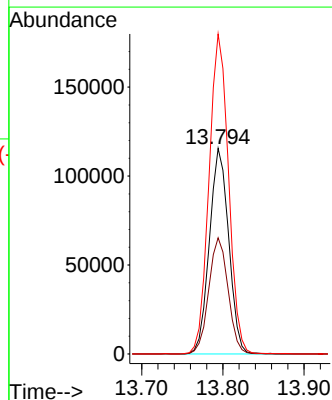
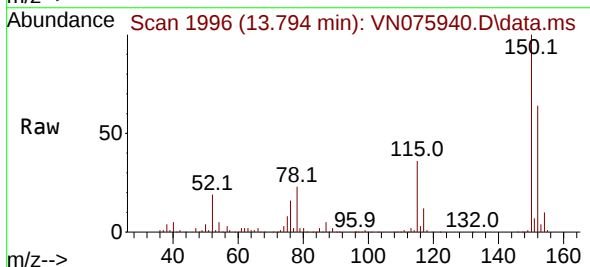
Tgt Ion:152 Resp: 190699

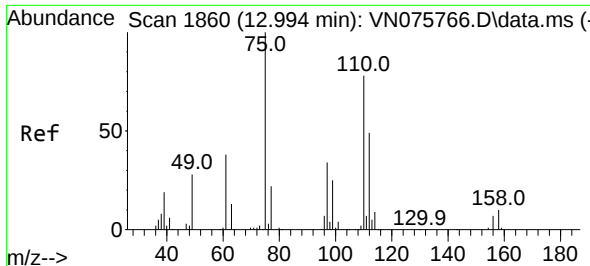
Ion Ratio Lower Upper

152 100

115 56.6 29.1 87.4

150 157.3 0.0 347.0

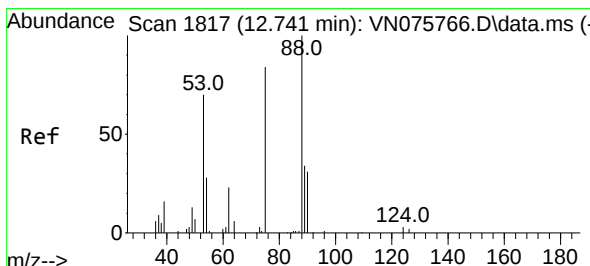
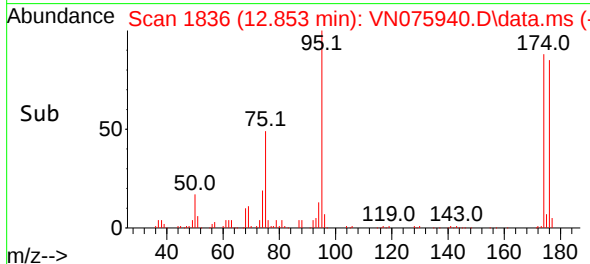
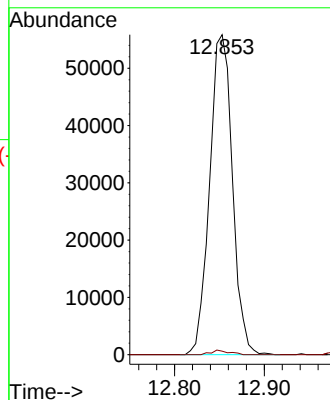
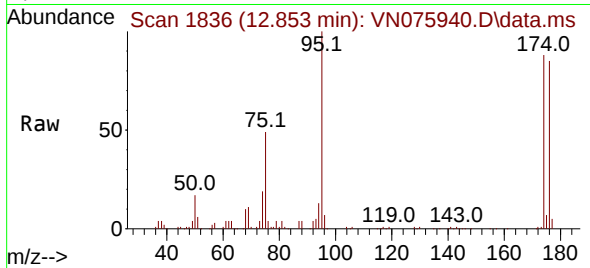




#76
1,2,3-Trichloropropane
Concen: 25.617 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.141 min
Lab File: VN075940.D
Acq: 22 Dec 2022 13:15

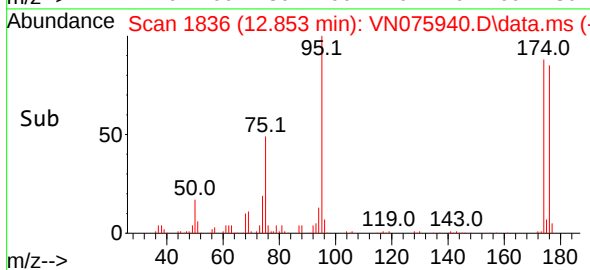
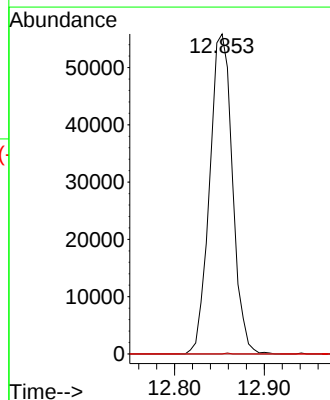
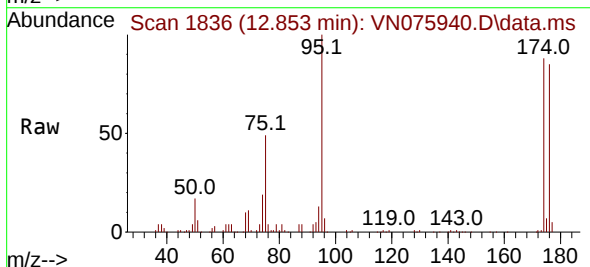
Instrument :
MSVOA_N
ClientSampleId :
TB-01-122122

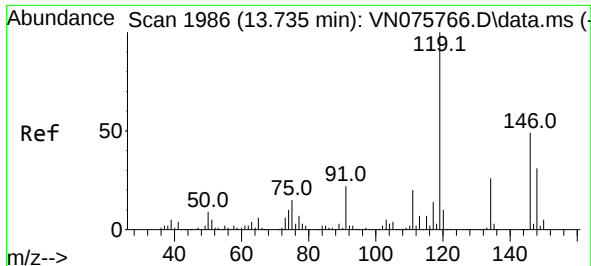
Tgt Ion: 75 Resp: 98471
Ion Ratio Lower Upper
75 100
77 1.1 82.6 247.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 92.207 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.112 min
Lab File: VN075940.D
Acq: 22 Dec 2022 13:15

Tgt Ion: 75 Resp: 98471
Ion Ratio Lower Upper
75 100
53 0.1 73.8 110.6#
89 0.0 39.5 59.3#





#87

1,3-Dichlorobenzene

Concen: 0.232 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. 0.000 min

Lab File: VN075940.D

Acq: 22 Dec 2022 13:15

Instrument :

MSVOA_N

ClientSampleId :

TB-01-122122

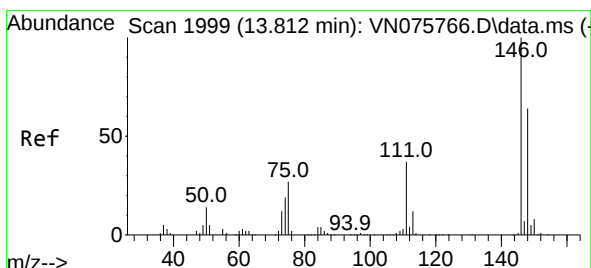
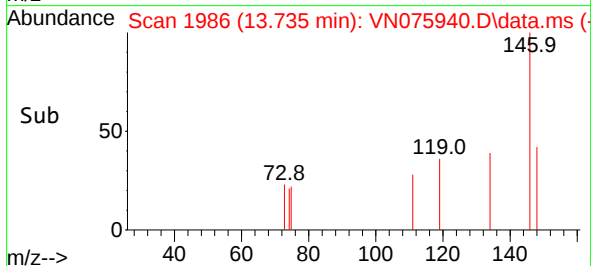
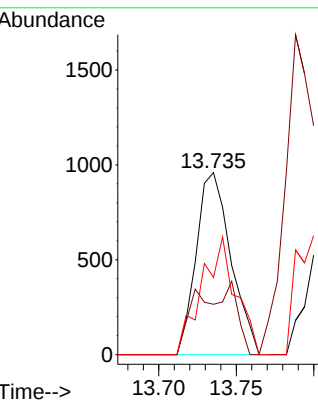
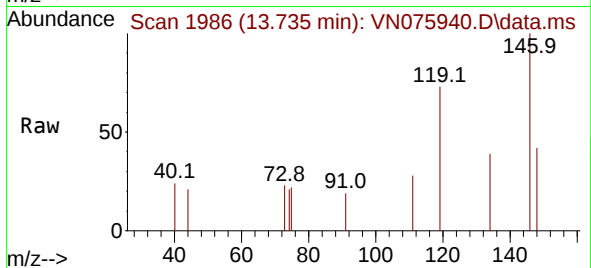
Tgt Ion:146 Resp: 1493

Ion Ratio Lower Upper

146 100

111 25.1 19.7 59.0

148 63.8 31.4 94.2



#88

1,4-Dichlorobenzene

Concen: 0.227 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. -0.076 min

Lab File: VN075940.D

Acq: 22 Dec 2022 13:15

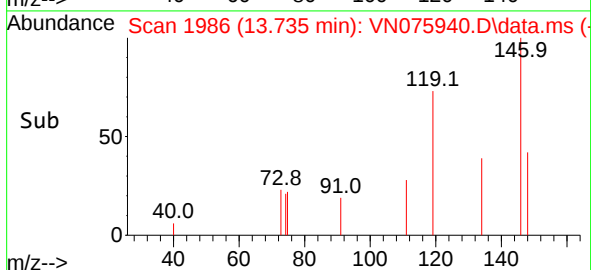
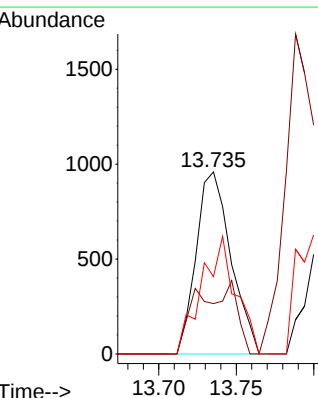
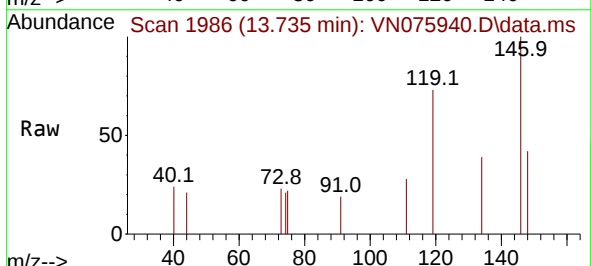
Tgt Ion:146 Resp: 1493

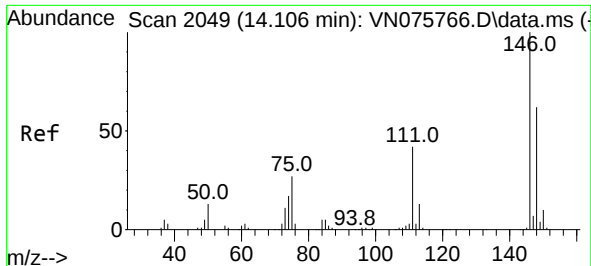
Ion Ratio Lower Upper

146 100

111 25.1 19.1 57.1

148 63.8 32.0 96.2





#91

1,2-Dichlorobenzene

Concen: 0.278 ug/l

RT: 14.106 min Scan# 2049

Delta R.T. 0.000 min

Lab File: VN075940.D

Acq: 22 Dec 2022 13:15

Instrument :

MSVOA_N

ClientSampleId :

TB-01-122122

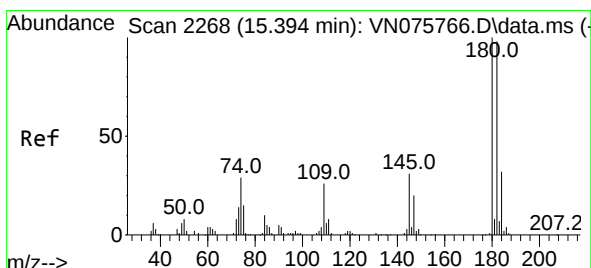
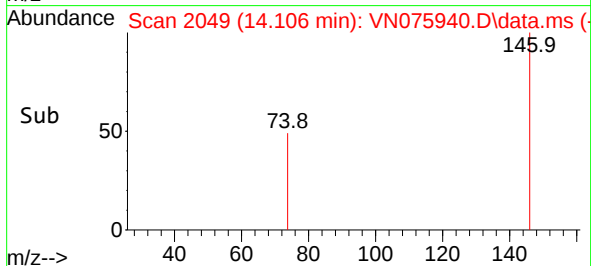
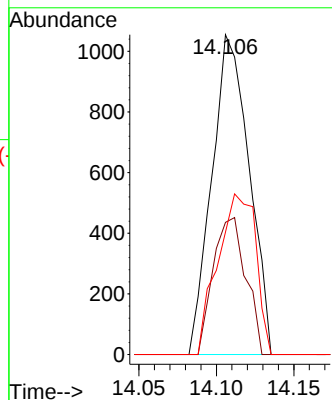
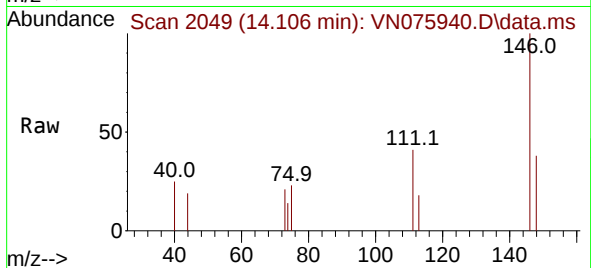
Tgt Ion:146 Resp: 1765

Ion Ratio Lower Upper

146 100

111 37.6 20.3 61.0

148 51.3 31.7 95.1



#93

1,2,4-Trichlorobenzene

Concen: 0.624 ug/l

RT: 15.394 min Scan# 2268

Delta R.T. 0.000 min

Lab File: VN075940.D

Acq: 22 Dec 2022 13:15

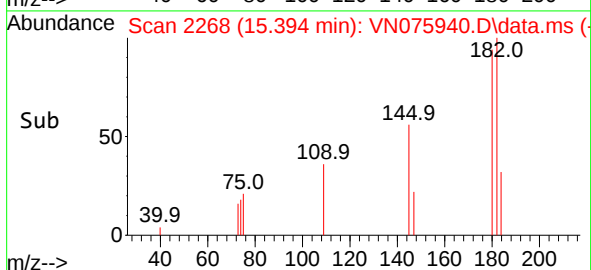
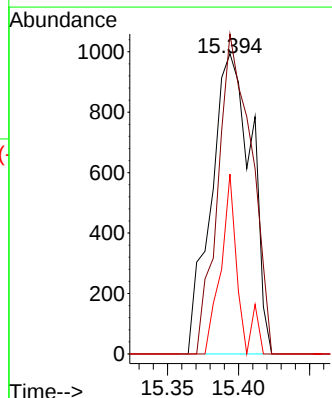
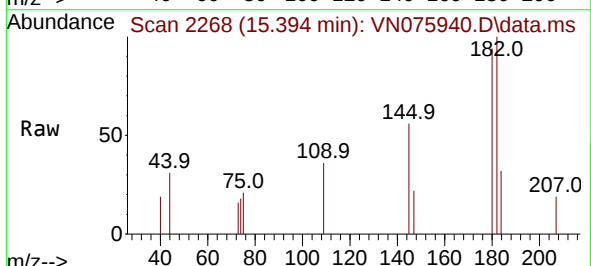
Tgt Ion:180 Resp: 1959

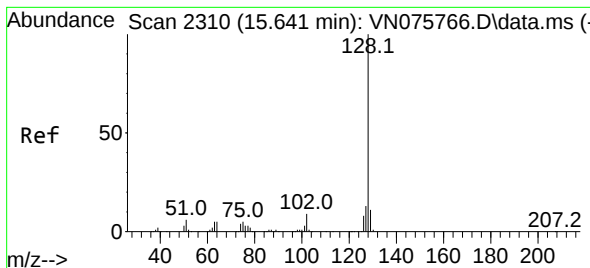
Ion Ratio Lower Upper

180 100

182 89.0 47.5 142.5

145 25.5 15.3 45.8





#95

Naphthalene

Concen: 3.014 ug/l

RT: 15.641 min Scan# 2310

Delta R.T. 0.000 min

Lab File: VN075940.D

Acq: 22 Dec 2022 13:15

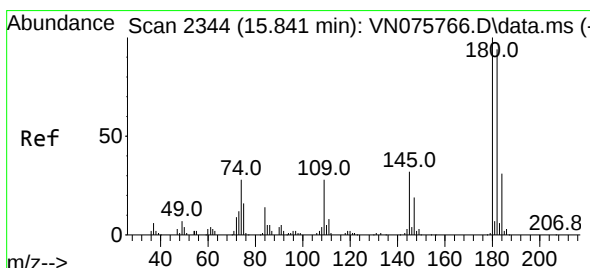
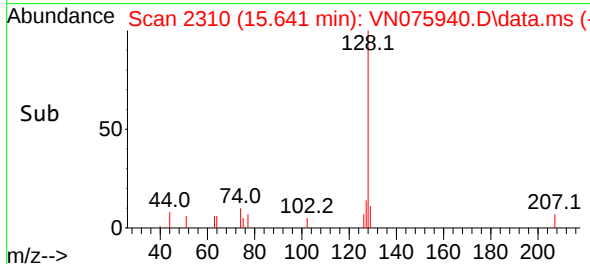
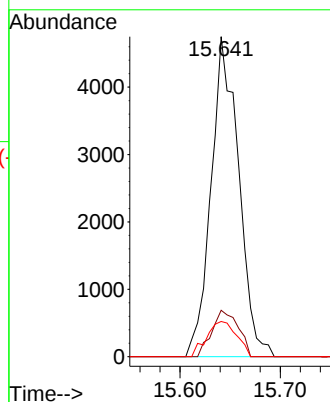
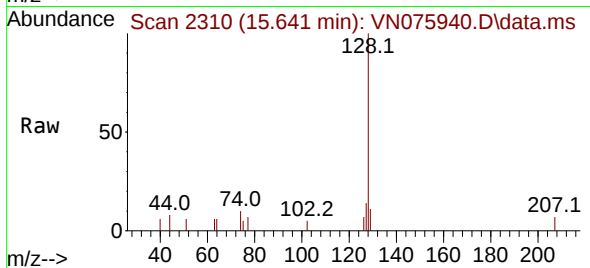
Instrument :

MSVOA_N

ClientSampleId :

TB-01-122122

Tgt Ion:	128	Resp:	9081
Ion Ratio	Lower	Upper	
128	100		
127	13.9	10.4	15.6
129	11.9	8.7	13.1



#96

1,2,3-Trichlorobenzene

Concen: 0.674 ug/l

RT: 15.841 min Scan# 2344

Delta R.T. 0.000 min

Lab File: VN075940.D

Acq: 22 Dec 2022 13:15

Tgt Ion:	180	Resp:	1979
Ion Ratio	Lower	Upper	
180	100		
182	100.8	47.0	141.0
145	32.6	16.0	47.9

