

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122322\
 Data File : VN075971.D
 Acq On : 23 Dec 2022 17:10
 Operator : JC\MD
 Sample : N6206-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-1

Quant Time: Dec 26 04:35:38 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)

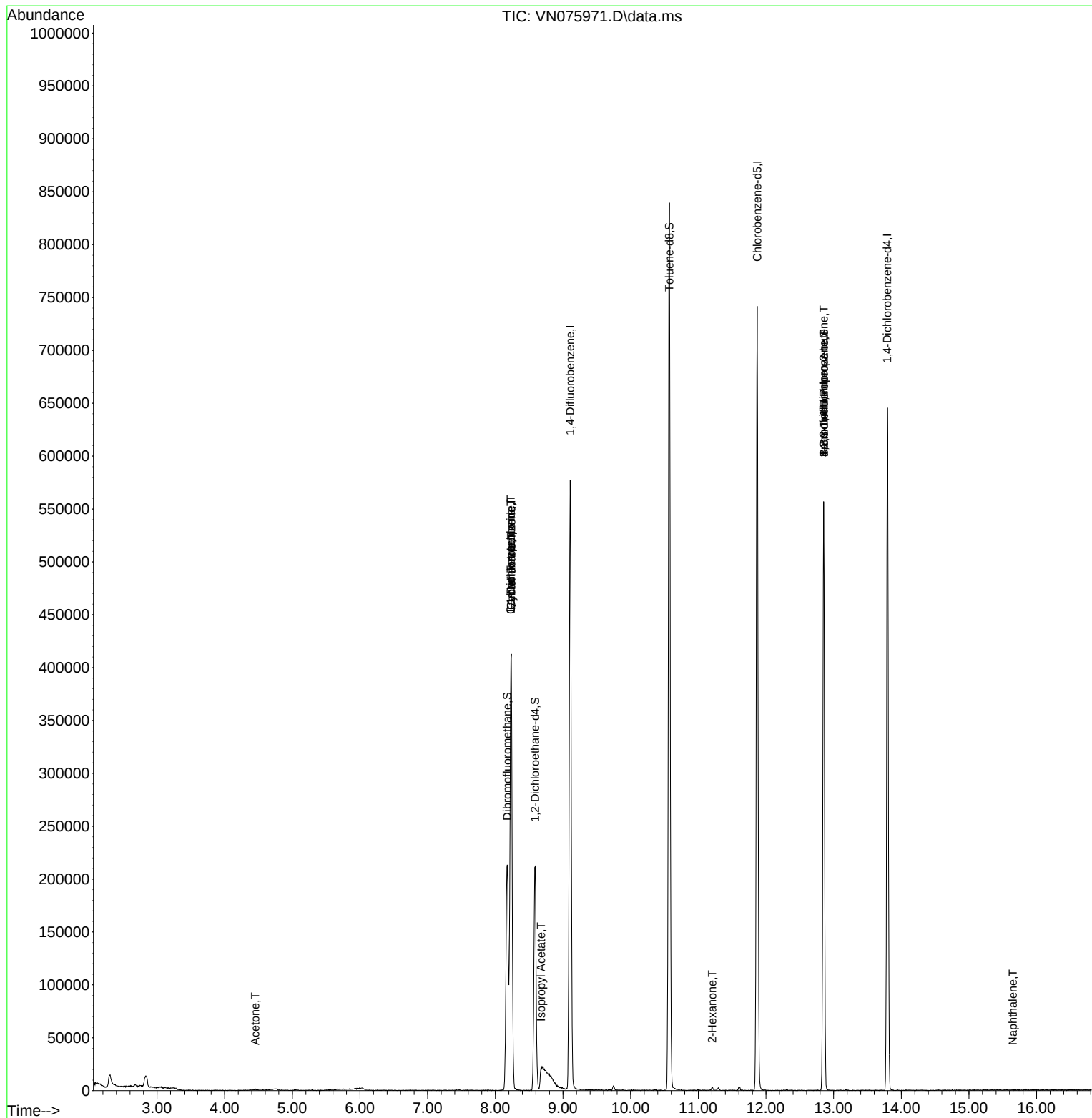
Internal Standards						
1) Pentafluorobenzene	8.236	168	323112	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	526247	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	449746	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	184933	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	171812	48.877	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.760%
35) Dibromofluoromethane	8.177	113	154983	47.556	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.120%
50) Toluene-d8	10.571	98	602278	49.428	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.860%
62) 4-Bromofluorobenzene	12.853	95	182290	45.168	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.340%
Target Compounds						
					Qvalue	
16) Acetone	4.453	43	887	0.732	ug/l #	39
20) Methylene Chloride	5.306	84	59	Below Cal	#	12
31) Cyclohexane	8.236	56	6160	1.224	ug/l #	15
36) 1,1-Dichloropropene	8.230	75	22561	5.211	ug/l #	49
38) Carbon Tetrachloride	8.230	117	32305	6.667	ug/l #	17
43) Isopropyl Acetate	8.677	43	12645	2.204	ug/l #	50
59) 2-Hexanone	11.206	43	1100	0.435	ug/l #	20
71) Bromoform	12.853	173	1513	0.608	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	94549	25.363	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	94549	91.295	ug/l #	12
95) Naphthalene	15.647	128	280	2.204	ug/l #	69

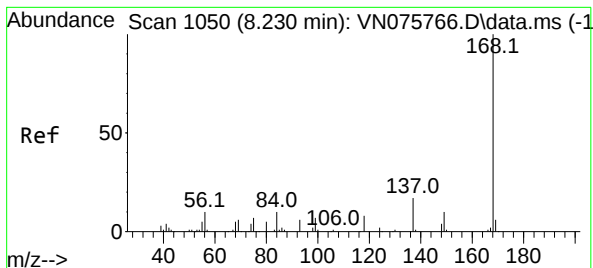
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122322\
Data File : VN075971.D
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Quant Time: Dec 26 04:35:38 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
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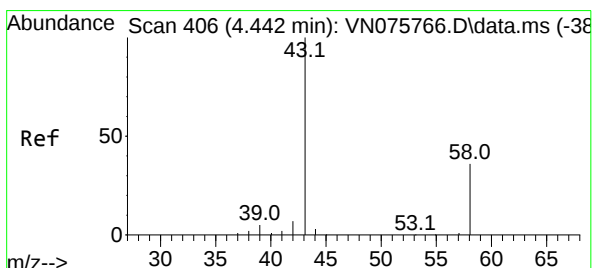
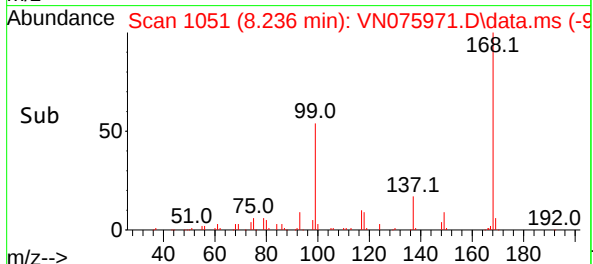
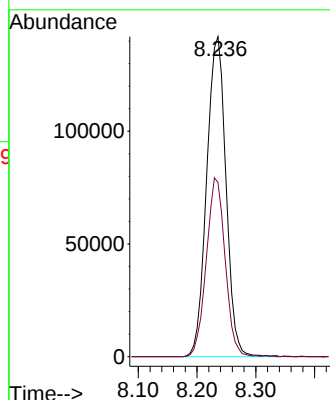
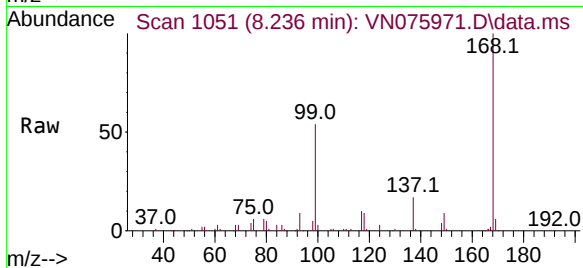




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1051
Delta R.T. 0.006 min
Lab File: VN075971.D
Acq: 23 Dec 2022 17:10

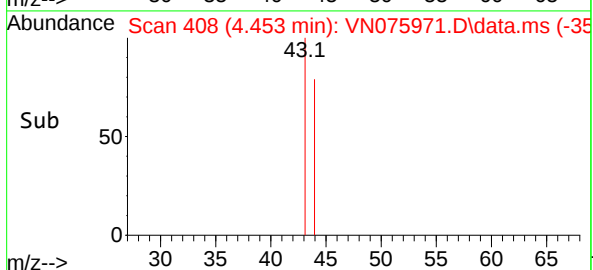
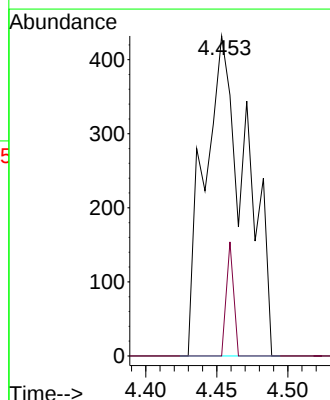
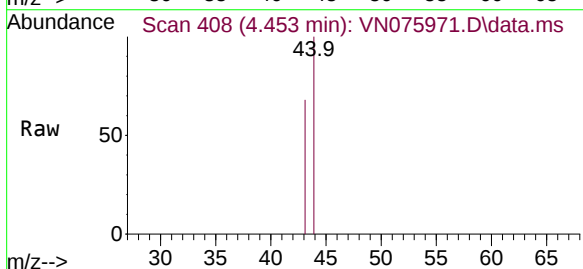
Instrument :
MSVOA_N
ClientSampleId :
TB-1

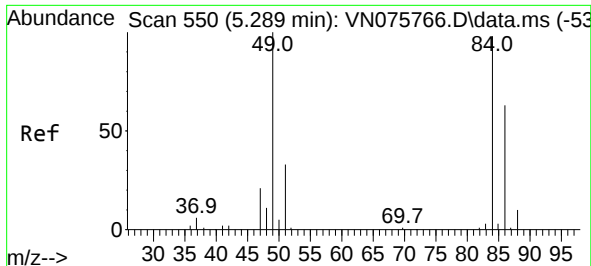
Tgt Ion:168 Resp: 323112
Ion Ratio Lower Upper
168 100
99 54.5 44.2 66.4



#16
Acetone
Concen: 0.732 ug/l
RT: 4.453 min Scan# 408
Delta R.T. 0.012 min
Lab File: VN075971.D
Acq: 23 Dec 2022 17:10

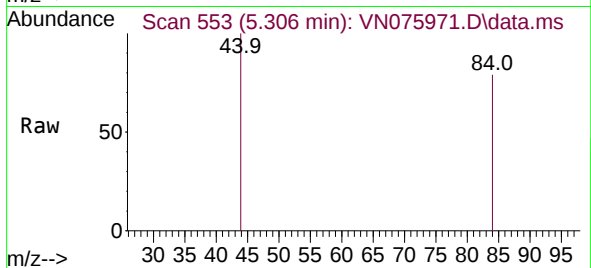
Tgt Ion: 43 Resp: 887
Ion Ratio Lower Upper
43 100
58 0.0 28.6 43.0#





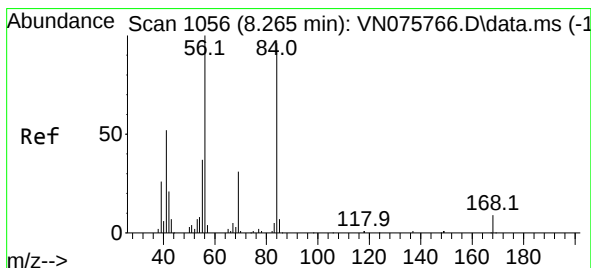
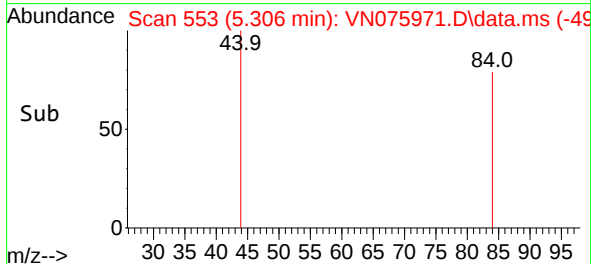
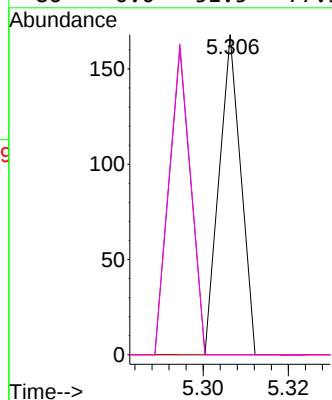
#20
Methylene Chloride
Concen: Below Cal
RT: 5.306 min Scan# 51
Delta R.T. 0.017 min
Lab File: VN075971.D
Acq: 23 Dec 2022 17:10

Instrument :
MSVOA_N
ClientSampleId :
TB-1



Tgt Ion: 84 Resp: 59

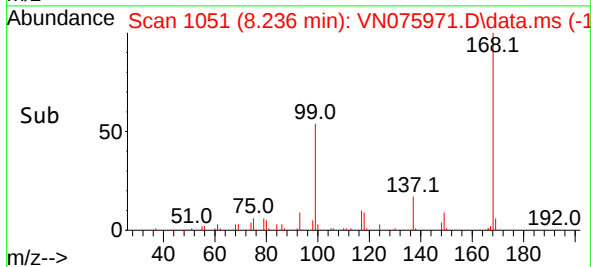
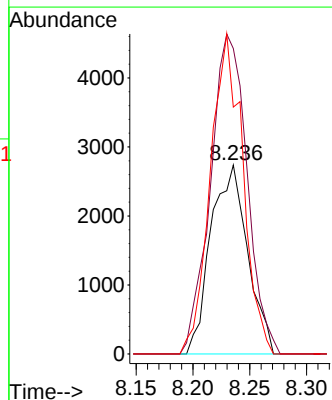
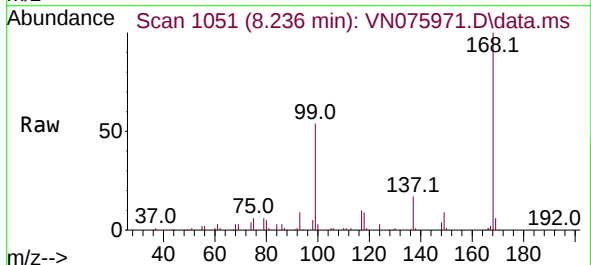
Ion	Ratio	Lower	Upper
84	100		
49	0.0	81.8	122.6#
51	0.0	26.7	40.1#
86	0.0	51.5	77.3#

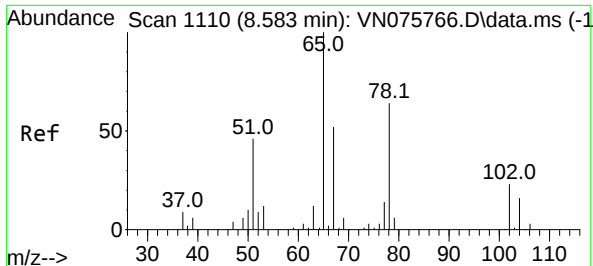


#31
Cyclohexane
Concen: 1.224 ug/l
RT: 8.236 min Scan# 1051
Delta R.T. -0.029 min
Lab File: VN075971.D
Acq: 23 Dec 2022 17:10

Tgt Ion: 56 Resp: 6160

Ion	Ratio	Lower	Upper
56	100		
69	161.6	24.7	37.1#
84	130.6	76.5	114.7#





#33

1,2-Dichloroethane-d4

Concen: 48.877 ug/l

RT: 8.588 min Scan# 1111

Delta R.T. 0.006 min

Lab File: VN075971.D

Acq: 23 Dec 2022 17:10

Instrument :

MSVOA_N

ClientSampleId :

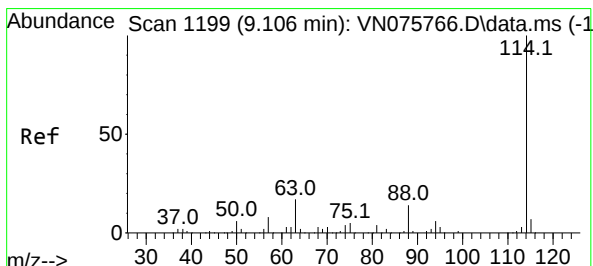
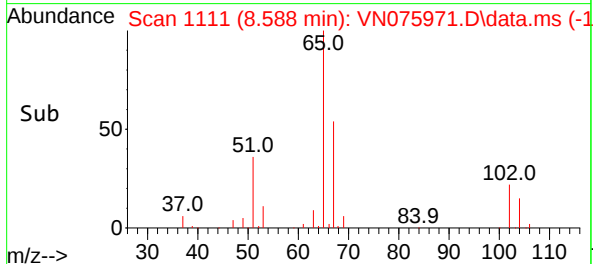
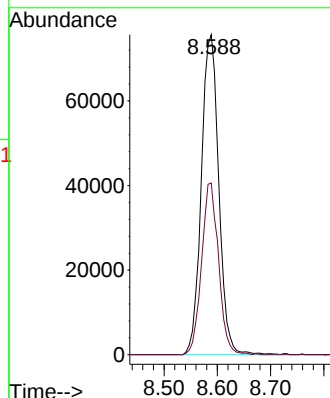
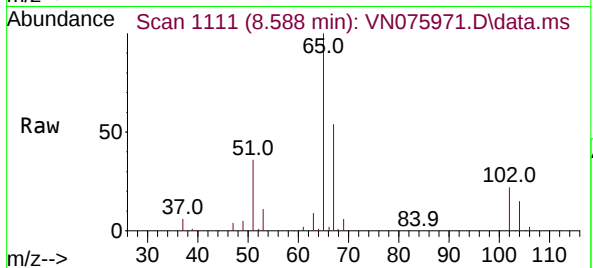
TB-1

Tgt Ion: 65 Resp: 171812

Ion Ratio Lower Upper

65 100

67 52.2 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: VN075971.D

Acq: 23 Dec 2022 17:10

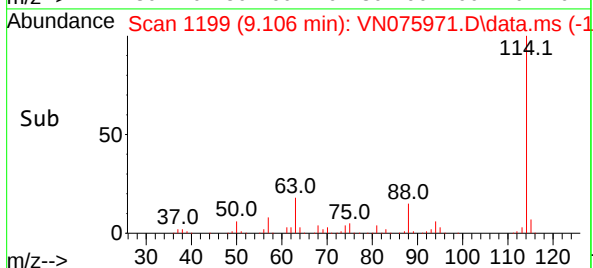
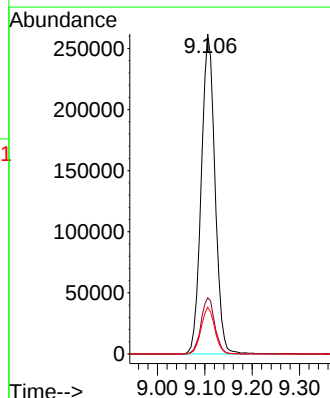
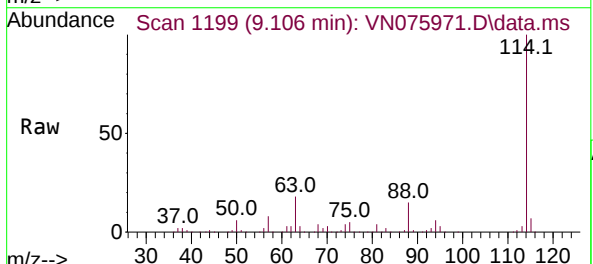
Tgt Ion: 114 Resp: 526247

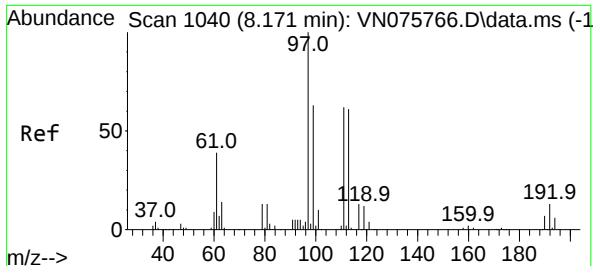
Ion Ratio Lower Upper

114 100

63 17.6 0.0 34.4

88 14.6 0.0 28.8





#35

Dibromofluoromethane

Concen: 47.556 ug/l

RT: 8.177 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN075971.D

Acq: 23 Dec 2022 17:10

Instrument :

MSVOA_N

ClientSampleId :

TB-1

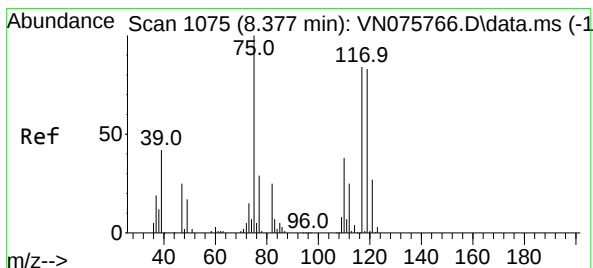
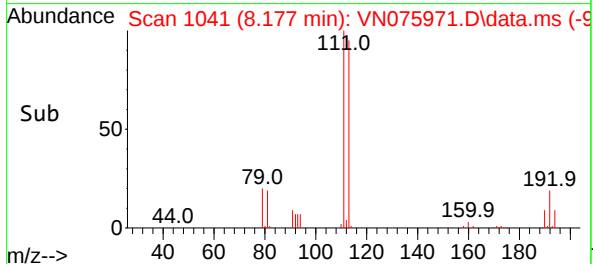
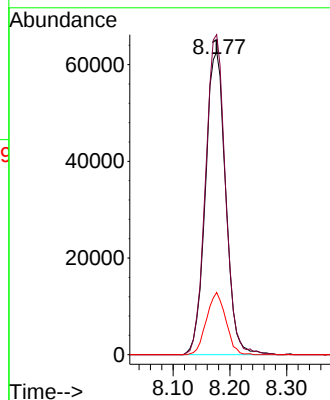
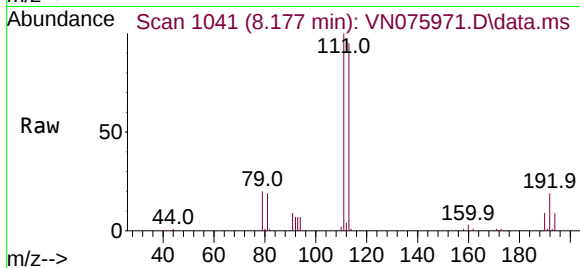
Tgt Ion:113 Resp: 154983

Ion Ratio Lower Upper

113 100

111 103.7 83.4 125.2

192 19.6 16.1 24.1



#36

1,1-Dichloropropene

Concen: 5.211 ug/l

RT: 8.230 min Scan# 1050

Delta R.T. -0.147 min

Lab File: VN075971.D

Acq: 23 Dec 2022 17:10

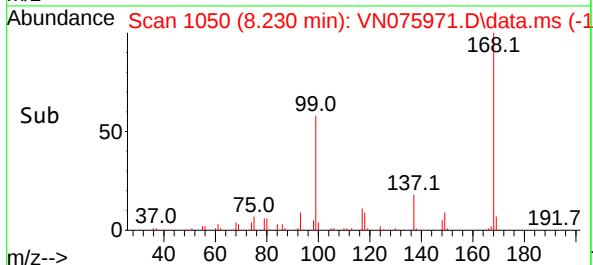
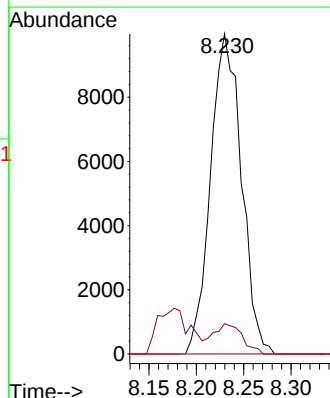
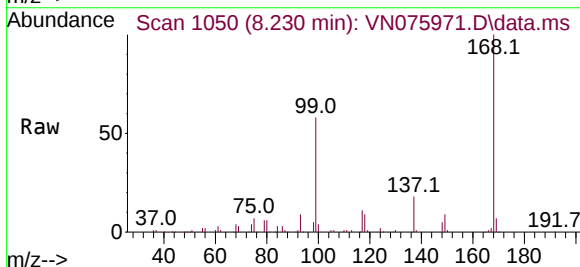
Tgt Ion: 75 Resp: 22561

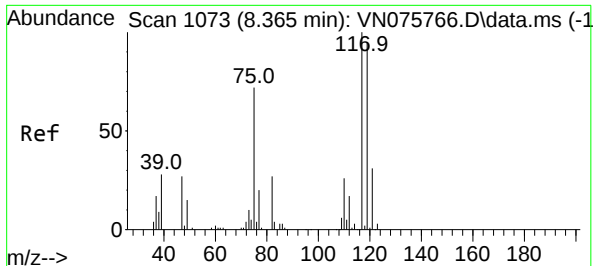
Ion Ratio Lower Upper

75 100

110 9.0 18.8 56.4#

77 0.0 24.1 36.1#

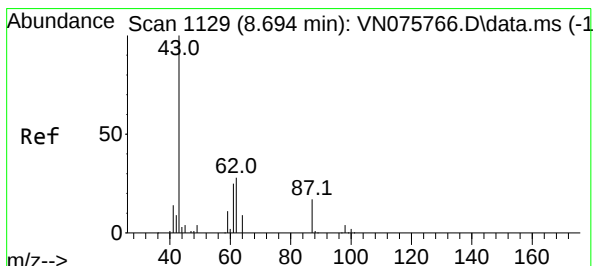
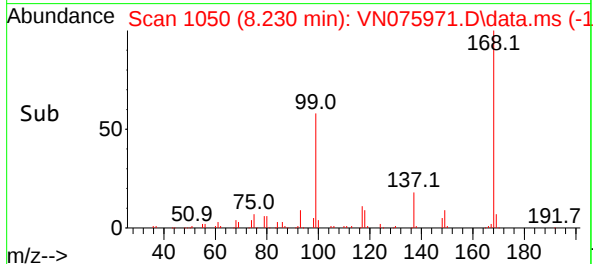
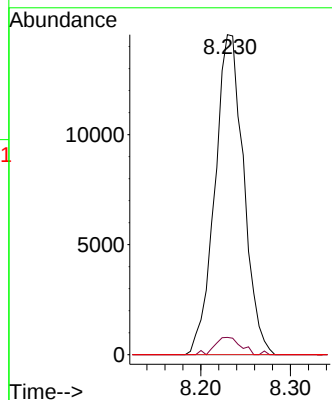
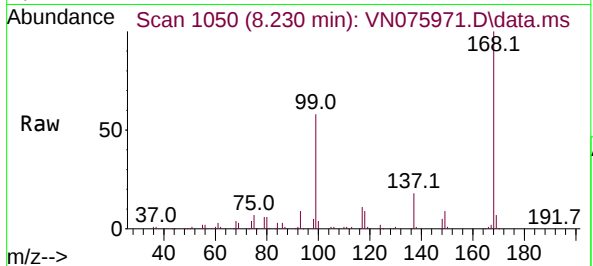




#38
Carbon Tetrachloride
Concen: 6.667 ug/l
RT: 8.230 min Scan# 110
Delta R.T. -0.135 min
Lab File: VN075971.D
Acq: 23 Dec 2022 17:10

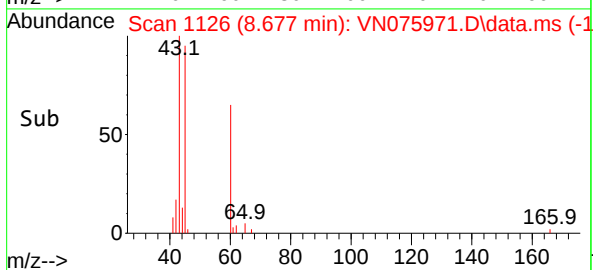
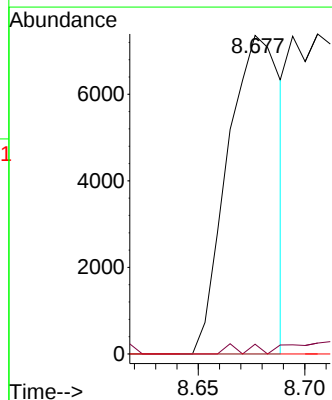
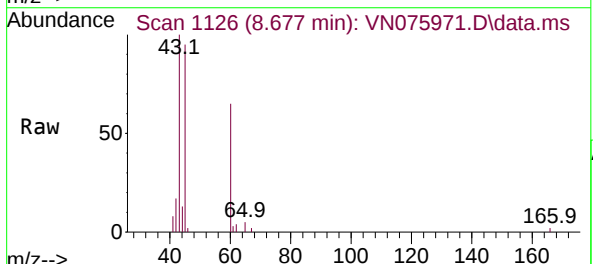
Instrument :
MSVOA_N
ClientSampleId :
TB-1

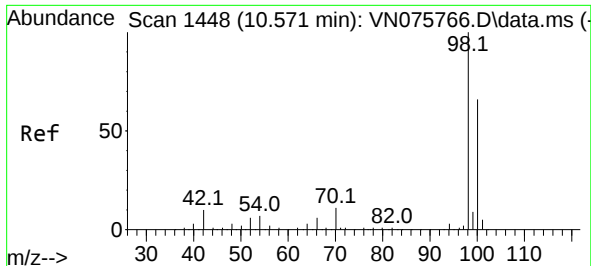
Tgt Ion:117 Resp: 32305
Ion Ratio Lower Upper
117 100
119 5.4 76.1 114.1#
121 0.0 24.5 36.7#



#43
Isopropyl Acetate
Concen: 2.204 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. -0.018 min
Lab File: VN075971.D
Acq: 23 Dec 2022 17:10

Tgt Ion: 43 Resp: 12645
Ion Ratio Lower Upper
43 100
61 0.0 24.2 36.4#
87 0.0 13.3 19.9#

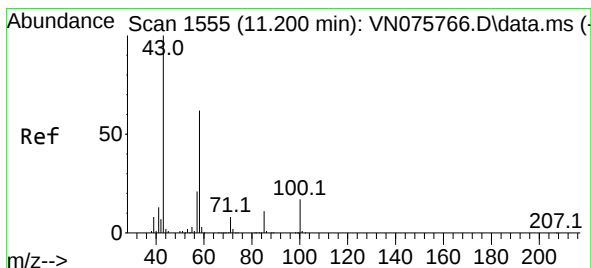
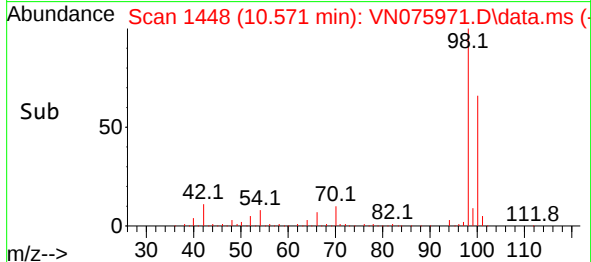
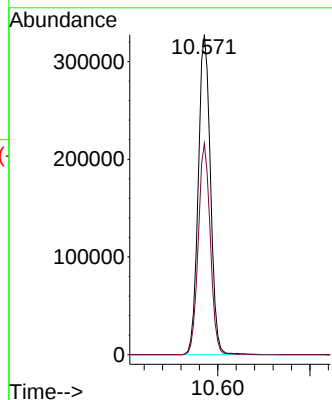
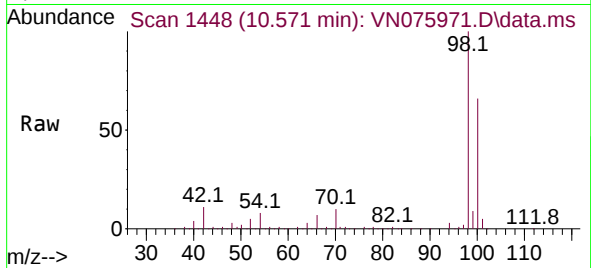




#50
Toluene-d8
Concen: 49.428 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN075971.D
Acq: 23 Dec 2022 17:10

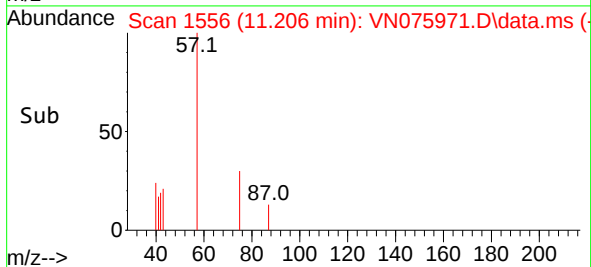
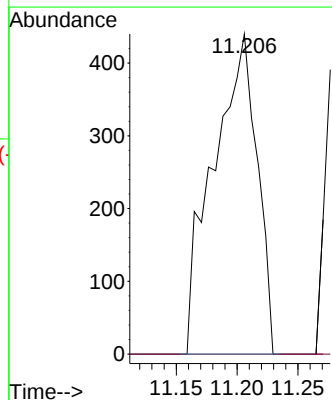
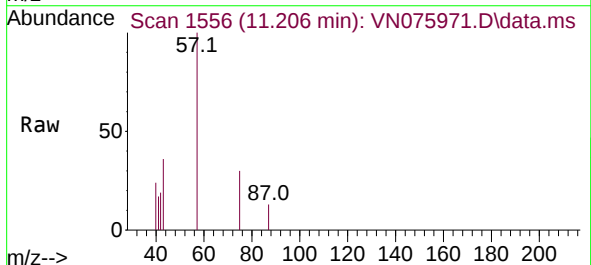
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ClientSampleId :
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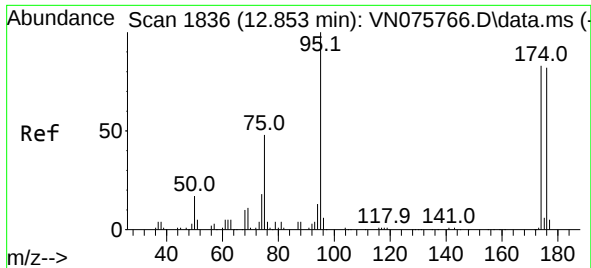
Tgt Ion: 98 Resp: 602278
Ion Ratio Lower Upper
98 100
100 64.8 52.1 78.1



#59
2-Hexanone
Concen: 0.435 ug/l
RT: 11.206 min Scan# 1556
Delta R.T. 0.006 min
Lab File: VN075971.D
Acq: 23 Dec 2022 17:10

Tgt Ion: 43 Resp: 1100
Ion Ratio Lower Upper
43 100
58 0.0 30.6 92.0#

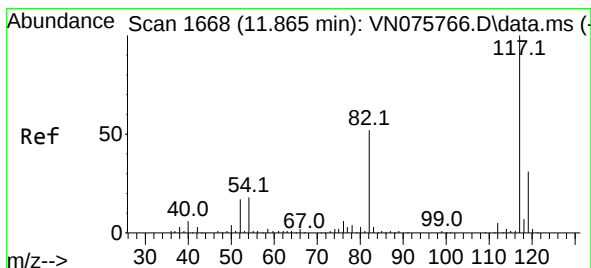
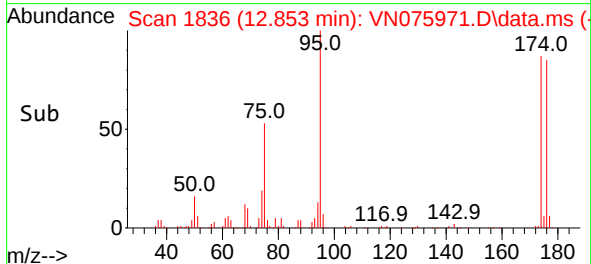
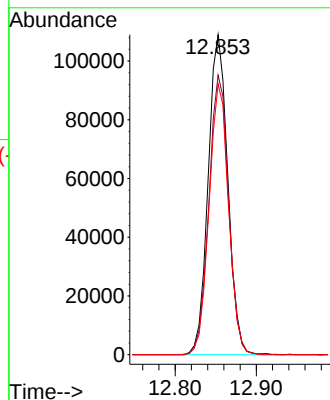
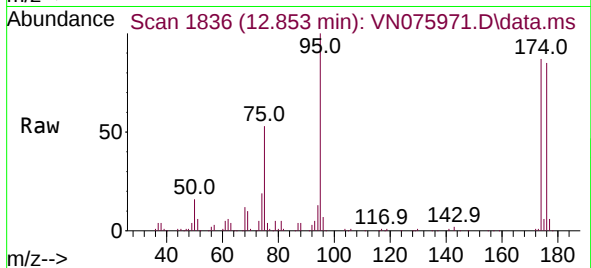




#62
4-Bromofluorobenzene
Concen: 45.168 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN075971.D
Acq: 23 Dec 2022 17:10

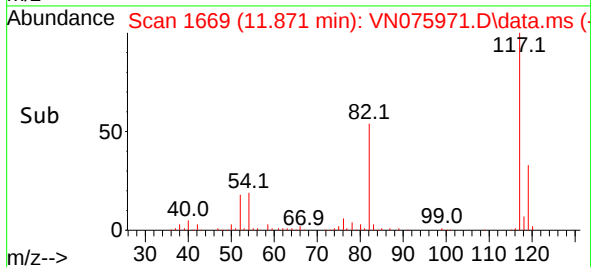
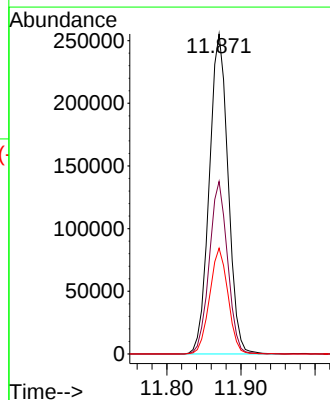
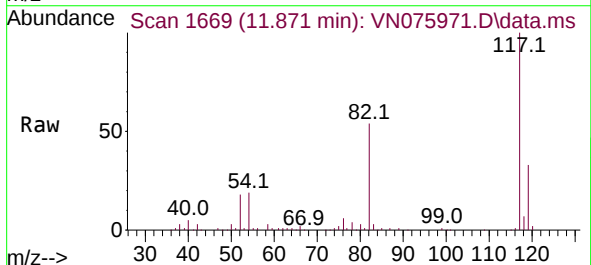
Instrument :
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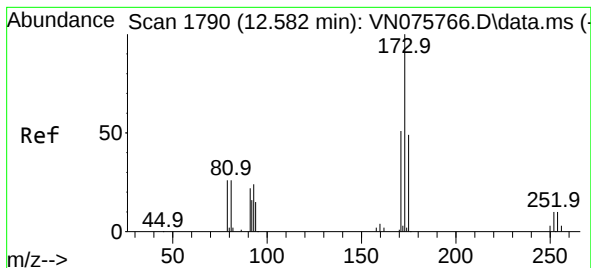
Tgt Ion: 95 Resp: 182290
Ion Ratio Lower Upper
95 100
174 88.0 0.0 171.6
176 84.3 0.0 169.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN075971.D
Acq: 23 Dec 2022 17:10

Tgt Ion: 117 Resp: 449746
Ion Ratio Lower Upper
117 100
82 53.9 41.3 61.9
119 33.1 24.6 37.0





#71

Bromoform

Concen: 0.608 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. 0.271 min

Lab File: VN075971.D

Acq: 23 Dec 2022 17:10

Instrument :

MSVOA_N

ClientSampleId :

TB-1

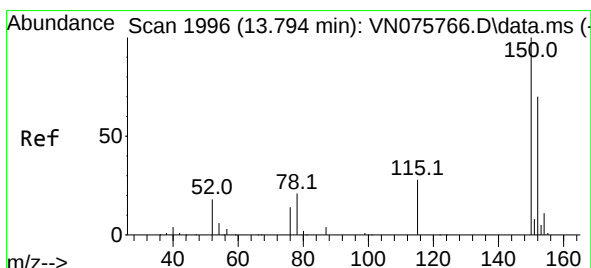
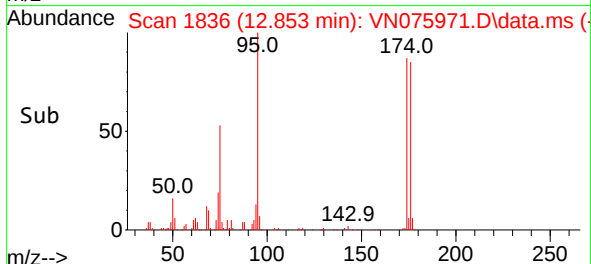
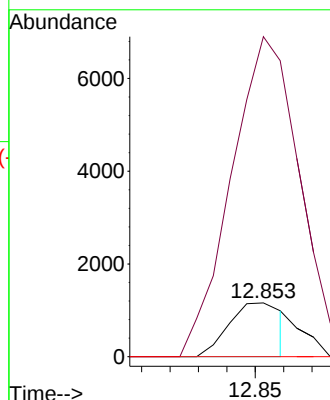
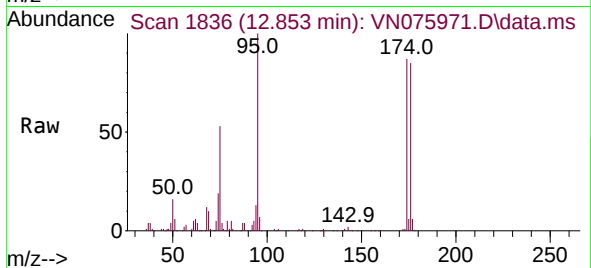
Tgt Ion:173 Resp: 1513

Ion Ratio Lower Upper

173 100

175 588.8 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: VN075971.D

Acq: 23 Dec 2022 17:10

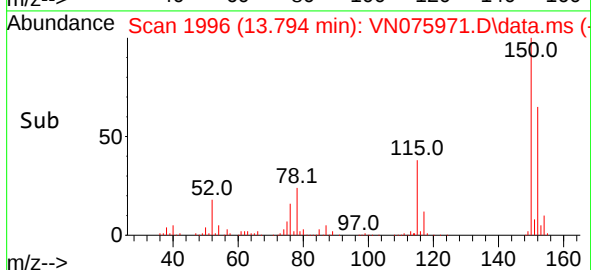
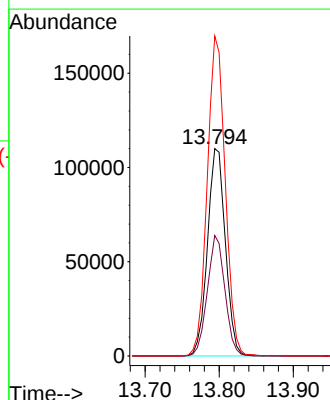
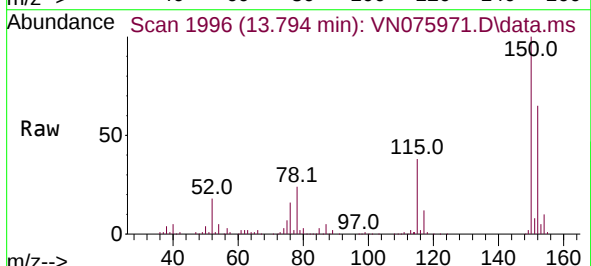
Tgt Ion:152 Resp: 184933

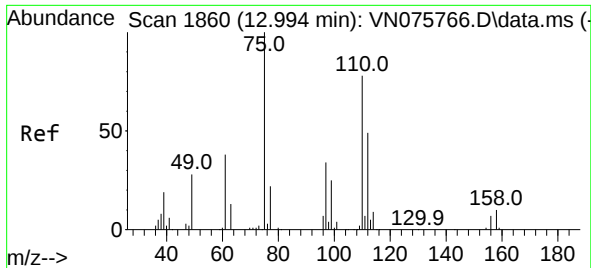
Ion Ratio Lower Upper

152 100

115 56.8 29.1 87.4

150 154.6 0.0 347.0

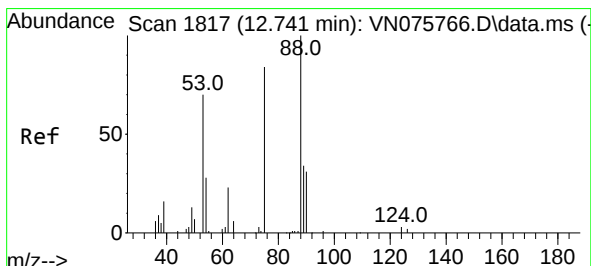
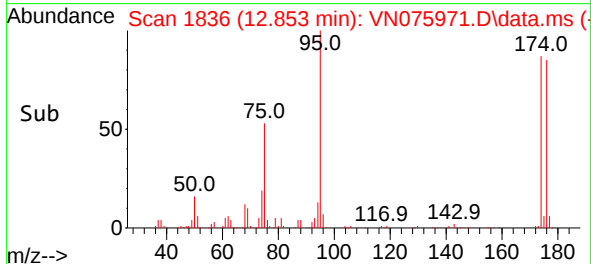
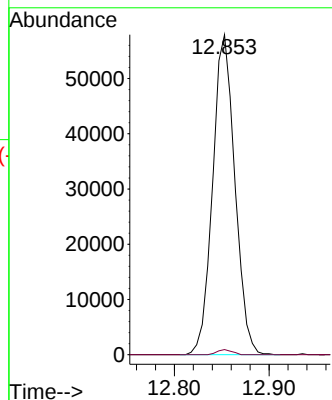
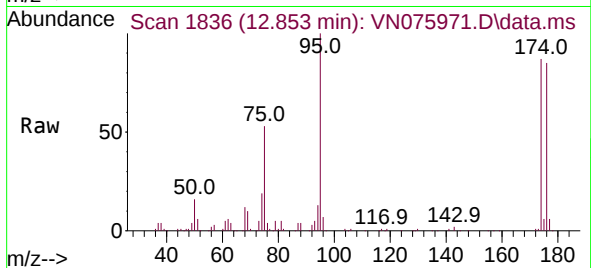




#76
1,2,3-Trichloropropane
Concen: 25.363 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.141 min
Lab File: VN075971.D
Acq: 23 Dec 2022 17:10

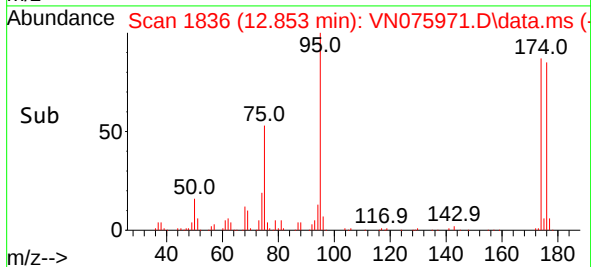
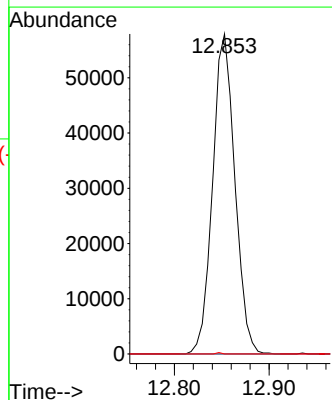
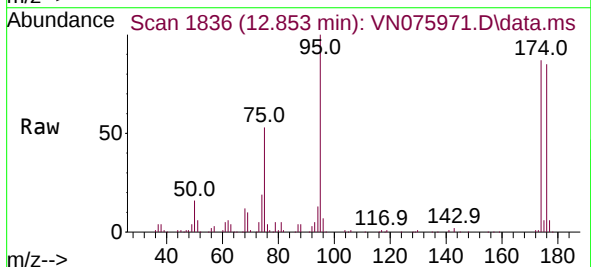
Instrument :
MSVOA_N
ClientSampleId :
TB-1

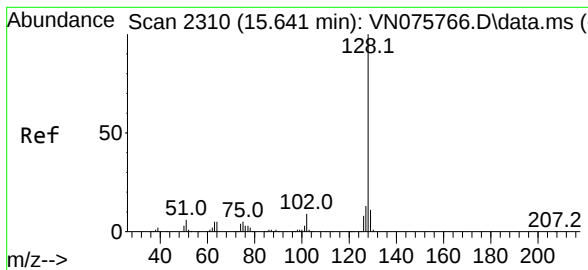
Tgt Ion: 75 Resp: 94549
Ion Ratio Lower Upper
75 100
77 1.1 82.6 247.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 91.295 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.112 min
Lab File: VN075971.D
Acq: 23 Dec 2022 17:10

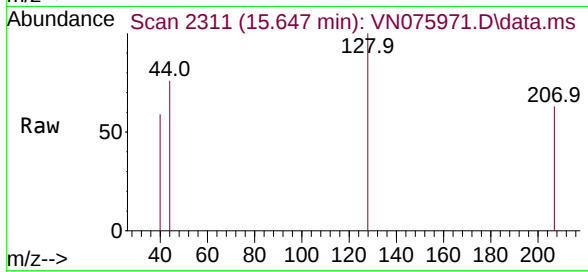
Tgt Ion: 75 Resp: 94549
Ion Ratio Lower Upper
75 100
53 0.0 73.8 110.6#
89 0.1 39.5 59.3#





#95
 Naphthalene
 Concen: 2.204 ug/l
 RT: 15.647 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN075971.D
 Acq: 23 Dec 2022 17:10

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-1



Tgt Ion:	128	Resp:	280
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.4	15.6#
129	0.0	8.7	13.1#

