

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121922\
 Data File : VN075877.D
 Acq On : 19 Dec 2022 17:34
 Operator : JC\MD
 Sample : N6102-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 20 01:30:46 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)

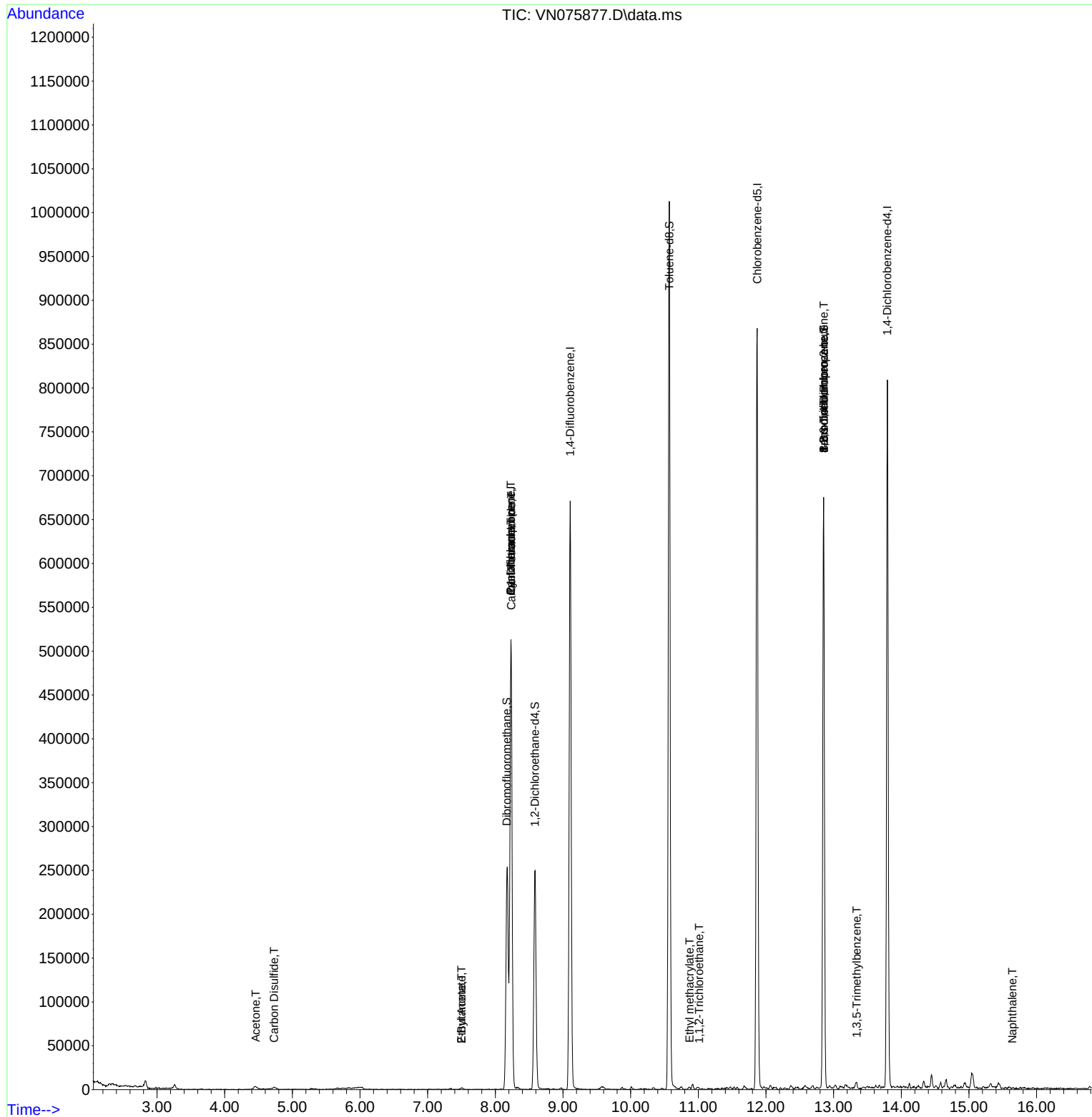
Internal Standards						
1) Pentafluorobenzene	8.230	168	405515	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	624792	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	543159	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	225587	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	202831	45.976	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	91.960%		
35) Dibromofluoromethane	8.171	113	185592	47.966	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.940%		
50) Toluene-d8	10.571	98	718834	49.689	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.380%		
62) 4-Bromofluorobenzene	12.853	95	228025	47.589	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.180%		
Target Compounds					Qvalue	
16) Acetone	4.459	43	6402	4.210	ug/l #	82
17) Carbon Disulfide	4.730	76	2700	0.310	ug/l #	76
20) Methylene Chloride	5.289	84	122	Below Cal	#	12
25) 2-Butanone	7.500	43	2464	1.157	ug/l	95
31) Cyclohexane	8.230	56	8896	1.408	ug/l #	33
36) 1,1-Dichloropropene	8.230	75	28102	5.467	ug/l #	51
37) Ethyl Acetate	7.500	43	2464	0.597	ug/l #	65
38) Carbon Tetrachloride	8.236	117	38988	6.777	ug/l #	16
55) 1,1,2-Trichloroethane	11.012	97	876	0.216	ug/l #	16
56) Ethyl methacrylate	10.871	69	1134	0.211	ug/l #	56
71) Bromoform	12.853	173	1719	0.572	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	114903	25.268	ug/l #	1
80) 1,3,5-Trimethylbenzene	13.341	105	4536	0.332	ug/l	70
81) trans-1,4-Dichloro-2-b...	12.853	75	114903	90.954	ug/l #	12
95) Naphthalene	15.641	128	2241	2.352	ug/l #	69

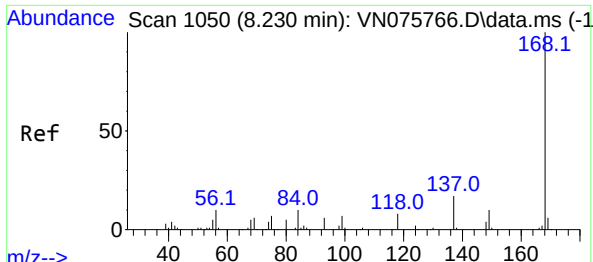
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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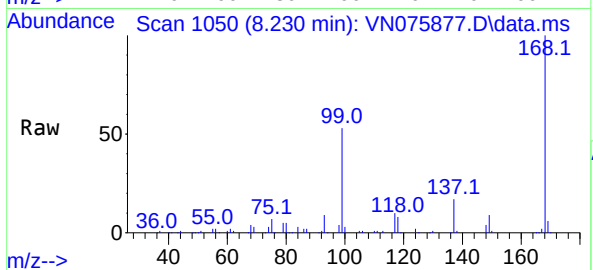
Quant Time: Dec 20 01:30:46 2022
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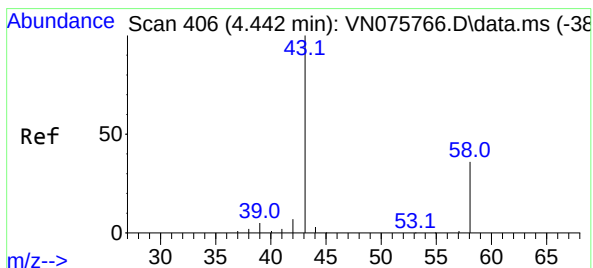
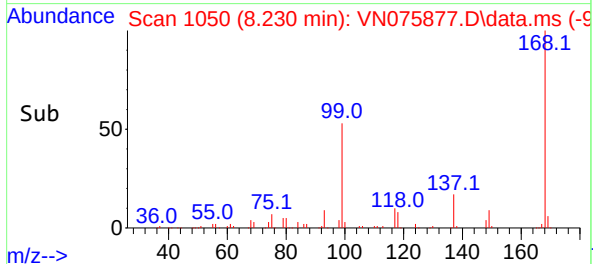
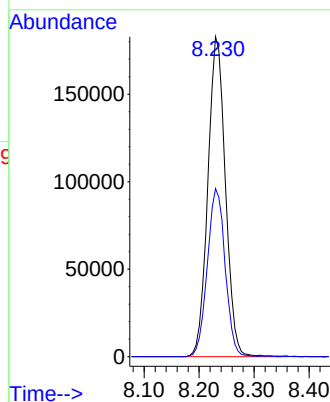


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075877.D
Acq: 19 Dec 2022 17:34

Instrument :
MSVOA_N
ClientSampleId :

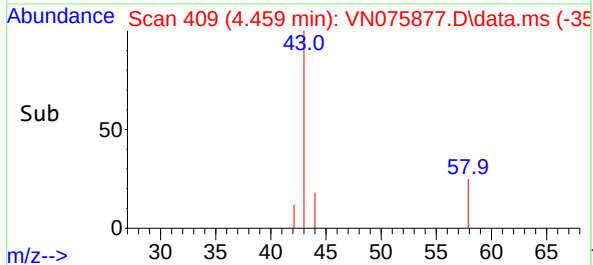
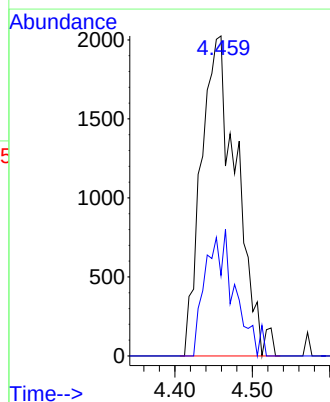
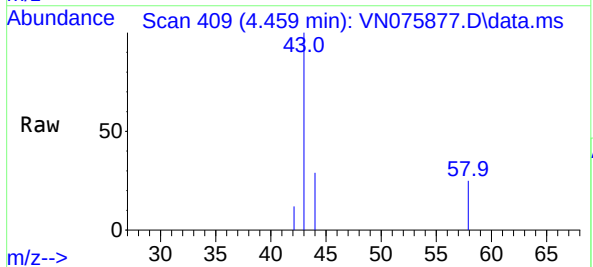


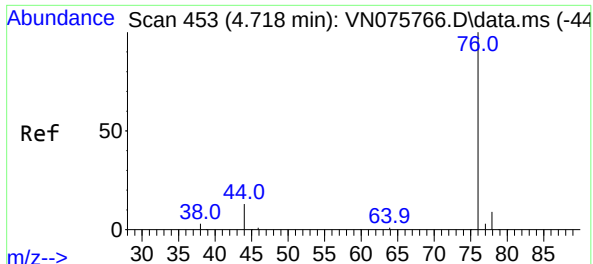
Tgt Ion:168 Resp: 405515
Ion Ratio Lower Upper
168 100
99 52.6 44.2 66.4



#16
Acetone
Concen: 4.210 ug/l
RT: 4.459 min Scan# 409
Delta R.T. 0.018 min
Lab File: VN075877.D
Acq: 19 Dec 2022 17:34

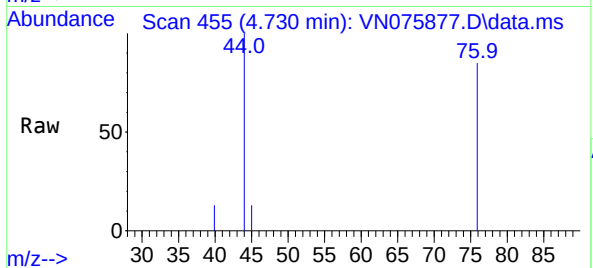
Tgt Ion: 43 Resp: 6402
Ion Ratio Lower Upper
43 100
58 25.1 28.6 43.0#



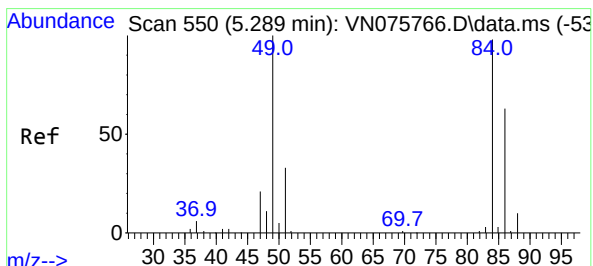
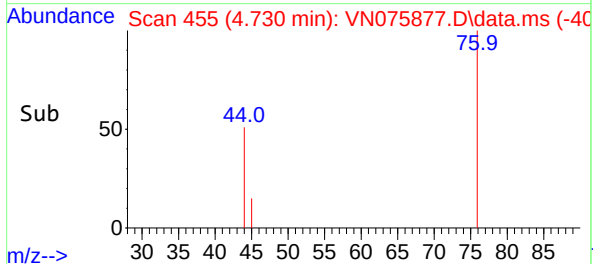
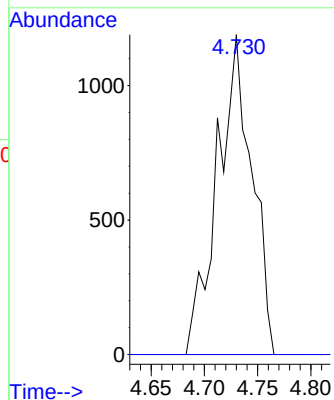


#17
Carbon Disulfide
Concen: 0.310 ug/l
RT: 4.730 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN075877.D
Acq: 19 Dec 2022 17:34

Instrument :
MSVOA_N
ClientSampleId :

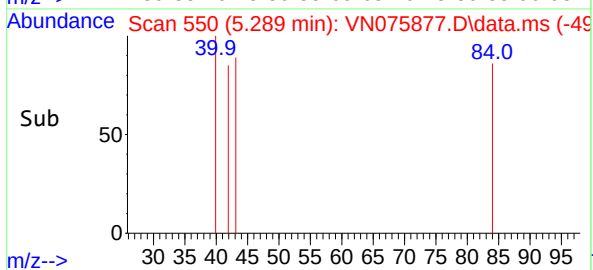
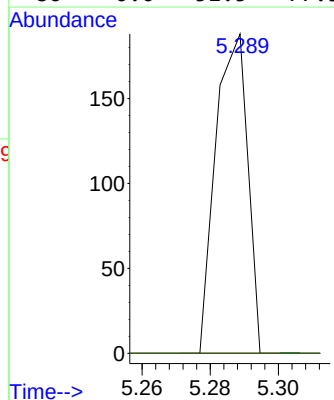
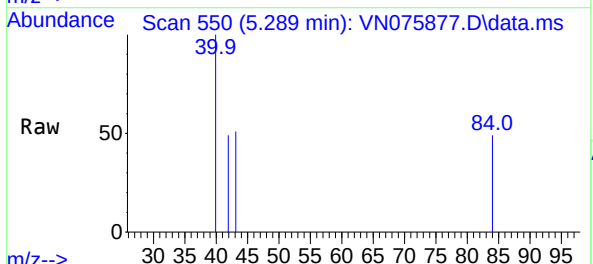


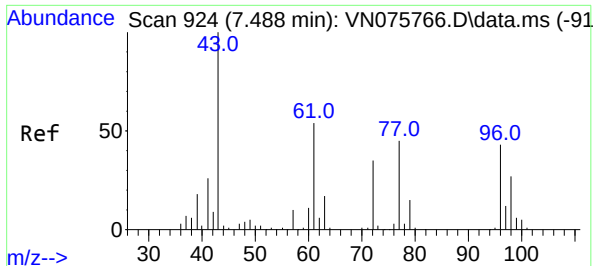
Tgt Ion: 76 Resp: 2700
Ion Ratio Lower Upper
76 100
78 0.0 6.8 10.2#



#20
Methylene Chloride
Concen: Below Cal
RT: 5.289 min Scan# 550
Delta R.T. -0.000 min
Lab File: VN075877.D
Acq: 19 Dec 2022 17:34

Tgt Ion: 84 Resp: 122
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#





#25

2-Butanone

Concen: 1.157 ug/l

RT: 7.500 min Scan# 91

Delta R.T. 0.012 min

Lab File: VN075877.D

Acq: 19 Dec 2022 17:34

Instrument :

MSVOA_N

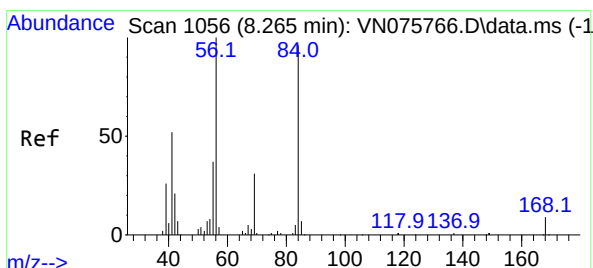
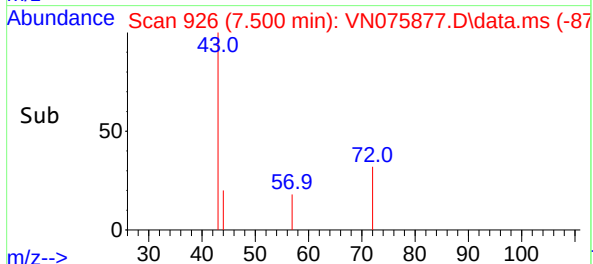
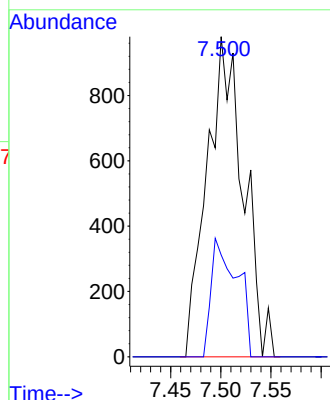
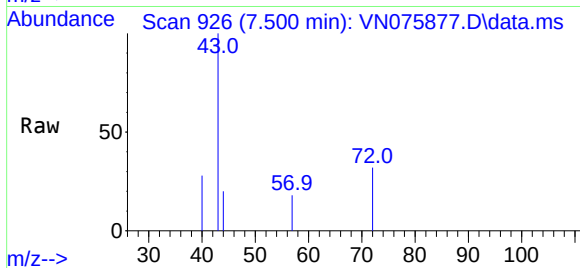
ClientSampleId :

Tgt Ion: 43 Resp: 2464

Ion Ratio Lower Upper

43 100

72 31.8 28.0 42.0



#31

Cyclohexane

Concen: 1.408 ug/l

RT: 8.230 min Scan# 1050

Delta R.T. -0.035 min

Lab File: VN075877.D

Acq: 19 Dec 2022 17:34

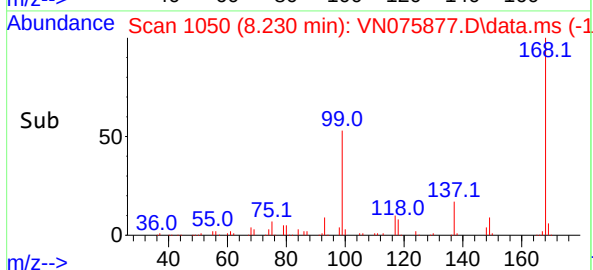
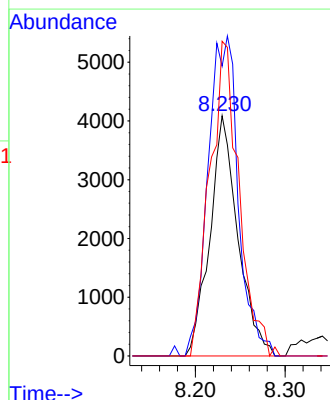
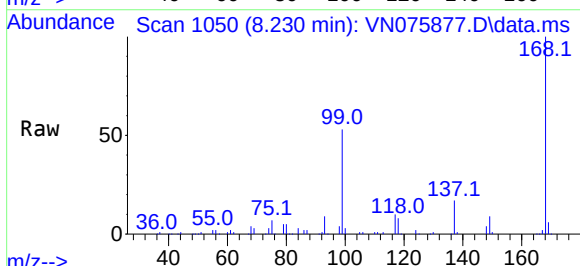
Tgt Ion: 56 Resp: 8896

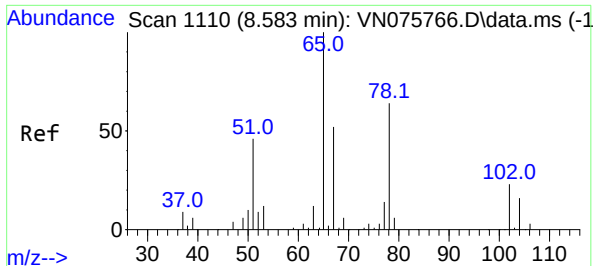
Ion Ratio Lower Upper

56 100

69 120.7 24.7 37.1#

84 131.1 76.5 114.7#





#33

1,2-Dichloroethane-d4

Concen: 45.976 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VN075877.D

Acq: 19 Dec 2022 17:34

Instrument :

MSVOA_N

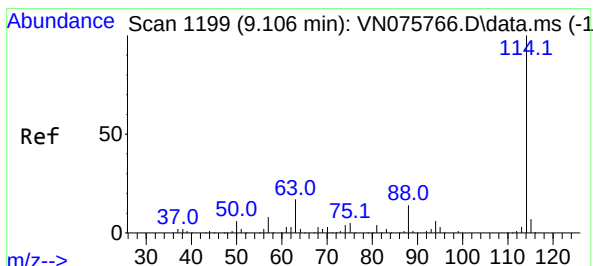
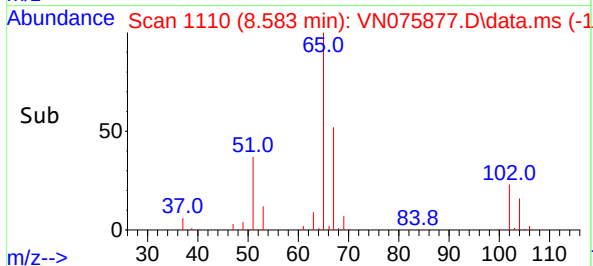
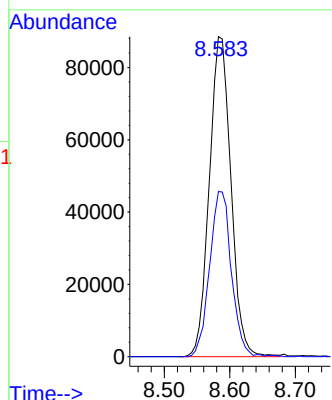
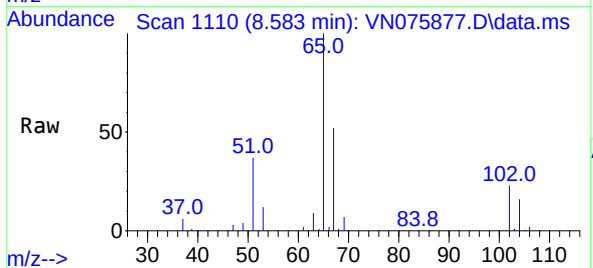
ClientSampleId :

Tgt Ion: 65 Resp: 202831

Ion Ratio Lower Upper

65 100

67 51.9 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: VN075877.D

Acq: 19 Dec 2022 17:34

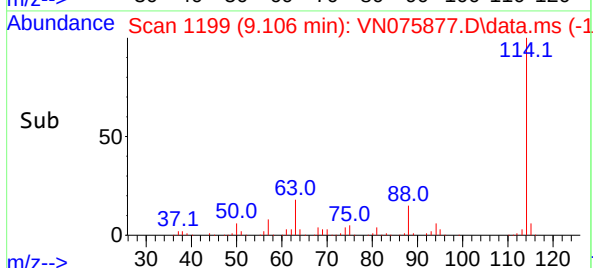
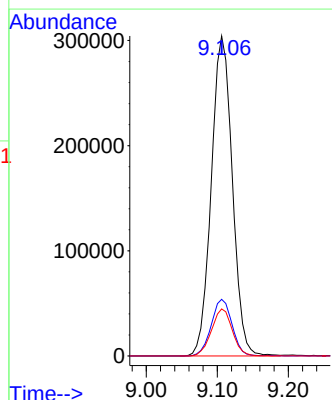
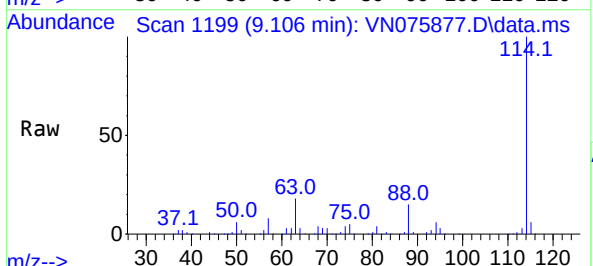
Tgt Ion: 114 Resp: 624792

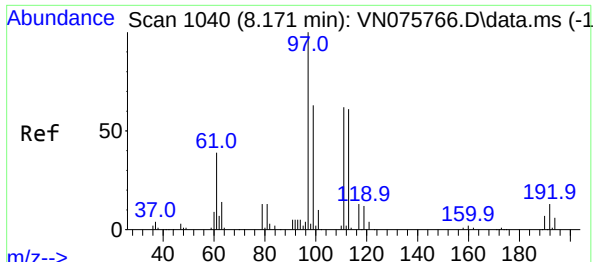
Ion Ratio Lower Upper

114 100

63 17.7 0.0 34.4

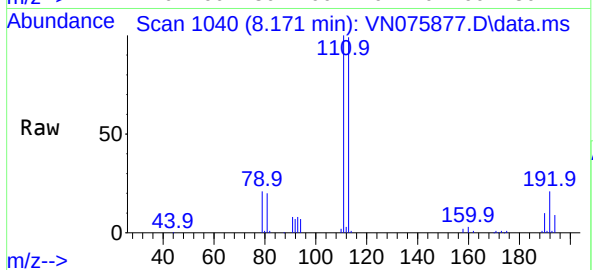
88 14.7 0.0 28.8



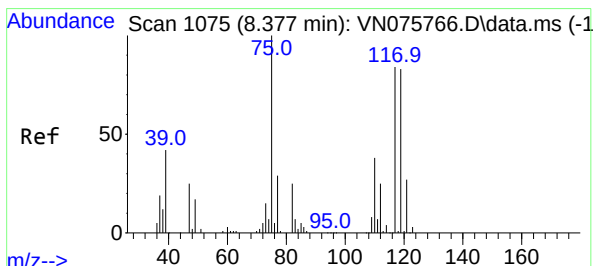
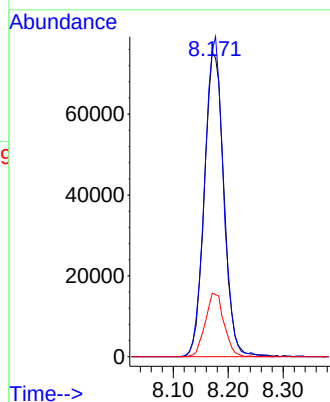
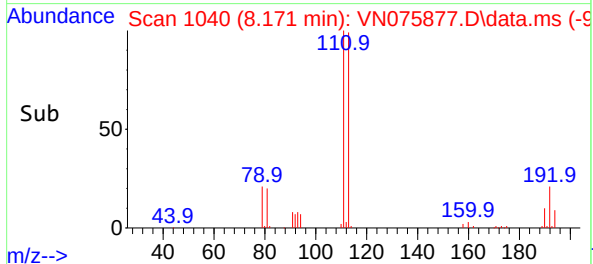


#35
Dibromofluoromethane
Concen: 47.966 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VN075877.D
Acq: 19 Dec 2022 17:34

Instrument :
MSVOA_N
ClientSampleId :

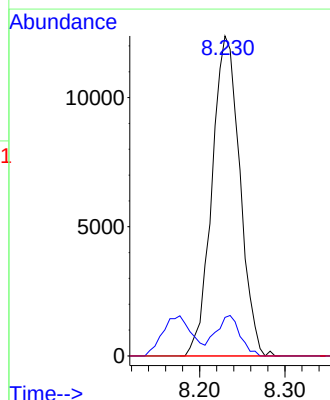
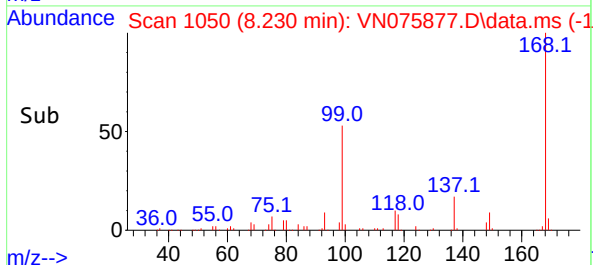
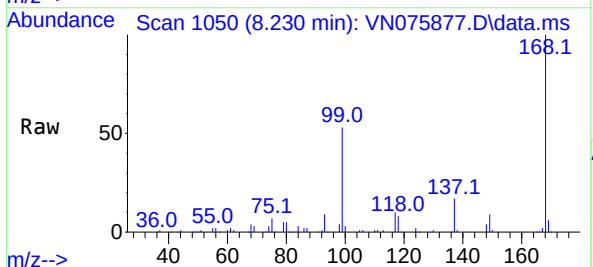


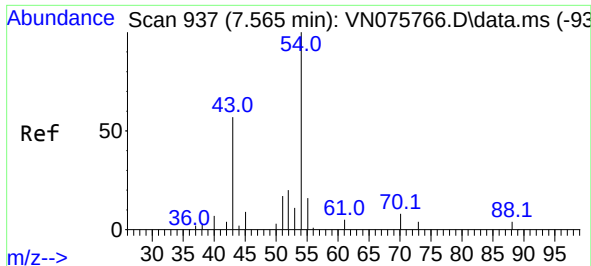
Tgt Ion:113 Resp: 185592
Ion Ratio Lower Upper
113 100
111 101.6 83.4 125.2
192 20.1 16.1 24.1



#36
1,1-Dichloropropene
Concen: 5.467 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.147 min
Lab File: VN075877.D
Acq: 19 Dec 2022 17:34

Tgt Ion: 75 Resp: 28102
Ion Ratio Lower Upper
75 100
110 10.9 18.8 56.4#
77 0.0 24.1 36.1#





#37

Ethyl Acetate

Concen: 0.597 ug/l

RT: 7.500 min Scan# 91

Delta R.T. -0.065 min

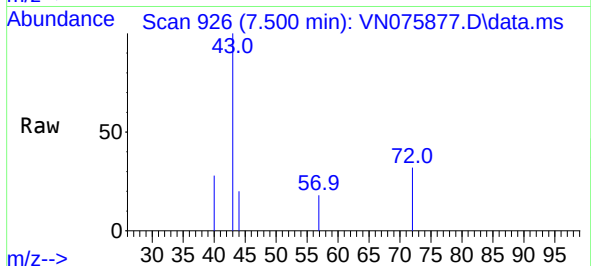
Lab File: VN075877.D

Acq: 19 Dec 2022 17:34

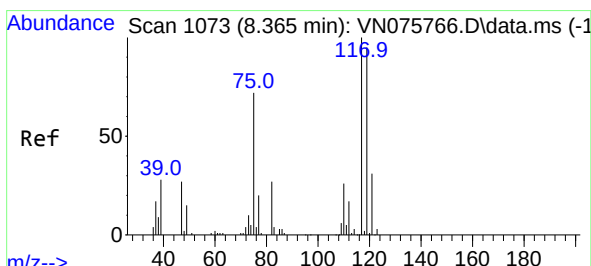
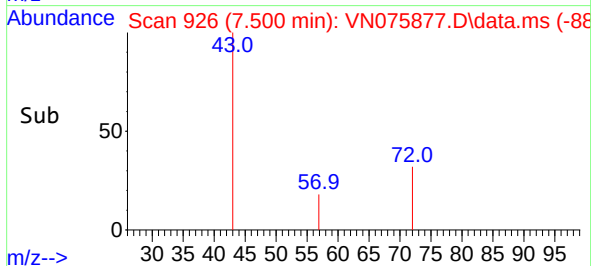
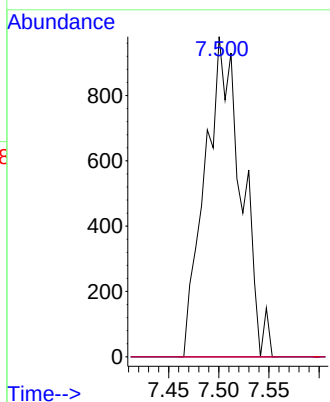
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	43	Resp:	2464
Ion	Ratio	Lower	Upper
43	100		
61	0.0	13.0	19.4#
70	0.0	9.4	14.0#



#38

Carbon Tetrachloride

Concen: 6.777 ug/l

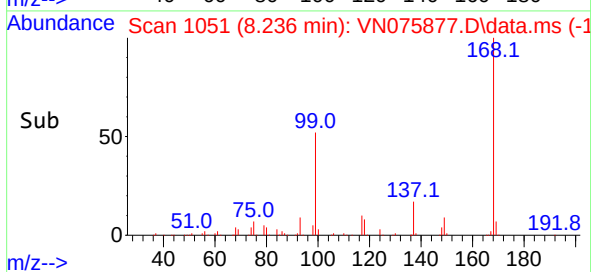
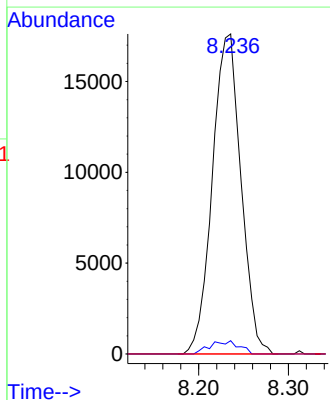
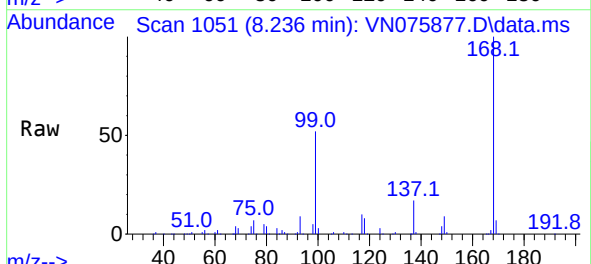
RT: 8.236 min Scan# 1051

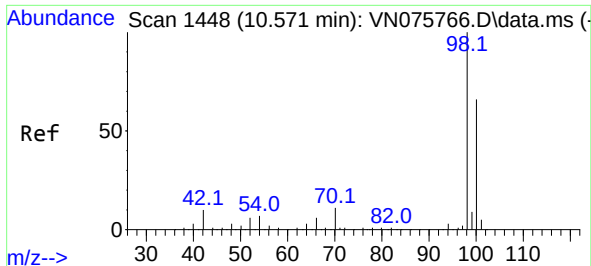
Delta R.T. -0.129 min

Lab File: VN075877.D

Acq: 19 Dec 2022 17:34

Tgt Ion:	117	Resp:	38988
Ion	Ratio	Lower	Upper
117	100		
119	4.2	76.1	114.1#
121	0.0	24.5	36.7#

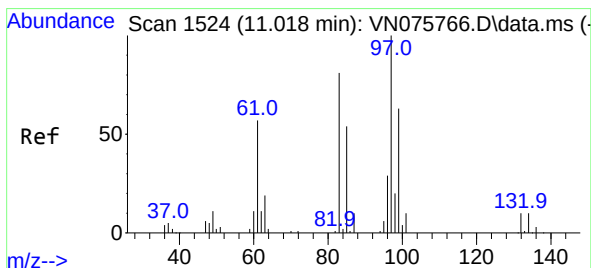
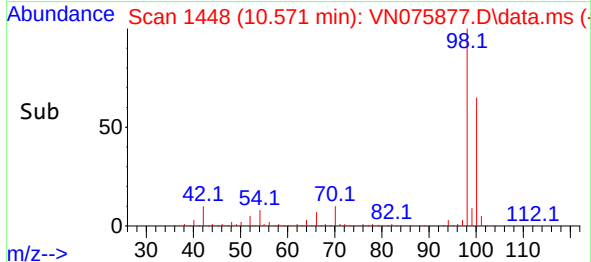
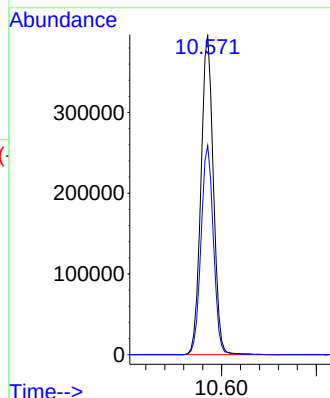
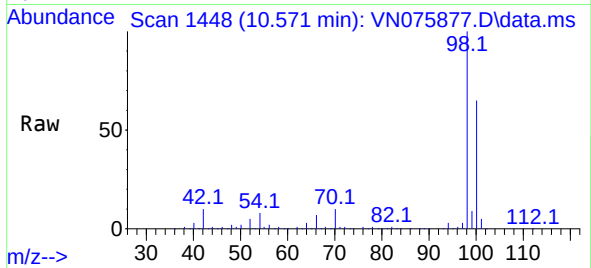




#50
Toluene-d8
Concen: 49.689 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN075877.D
Acq: 19 Dec 2022 17:34

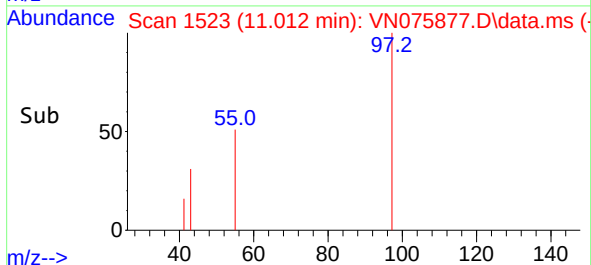
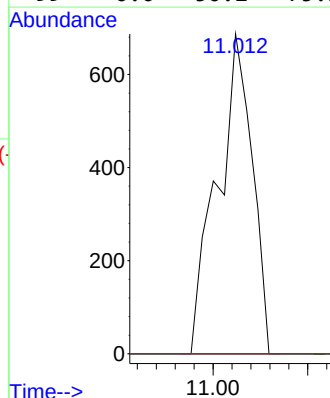
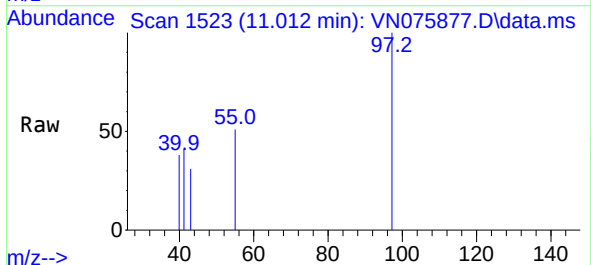
Instrument :
MSVOA_N
ClientSampleId :

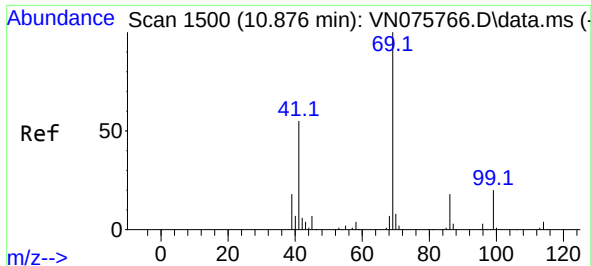
Tgt Ion: 98 Resp: 718834
Ion Ratio Lower Upper
98 100
100 65.6 52.1 78.1



#55
1,1,2-Trichloroethane
Concen: 0.216 ug/l
RT: 11.012 min Scan# 1523
Delta R.T. -0.006 min
Lab File: VN075877.D
Acq: 19 Dec 2022 17:34

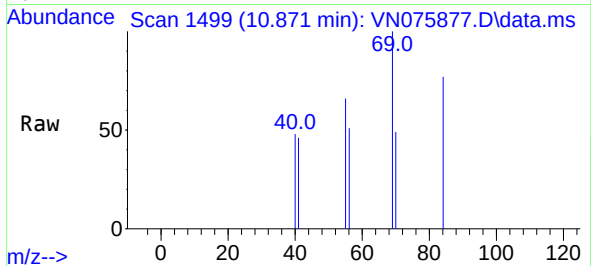
Tgt Ion: 97 Resp: 876
Ion Ratio Lower Upper
97 100
83 0.0 65.0 97.4#
85 0.0 43.0 64.6#
99 0.0 50.2 75.2#



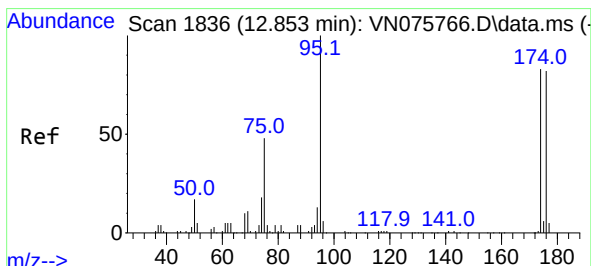
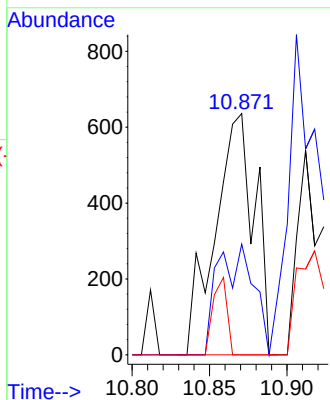
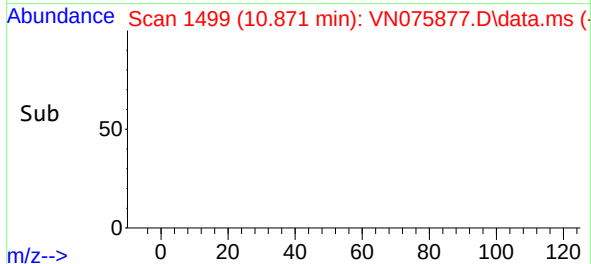


#56
Ethyl methacrylate
Concen: 0.211 ug/l
RT: 10.871 min Scan# 1499
Delta R.T. -0.006 min
Lab File: VN075877.D
Acq: 19 Dec 2022 17:34

Instrument :
MSVOA_N
ClientSampleId :

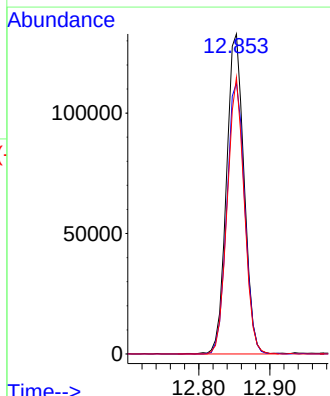
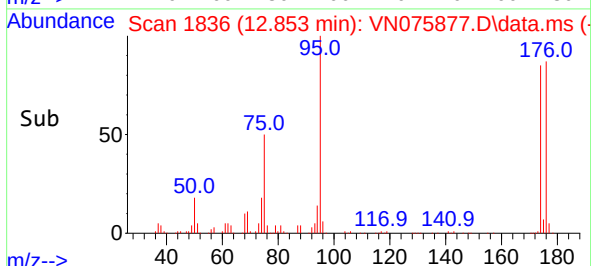
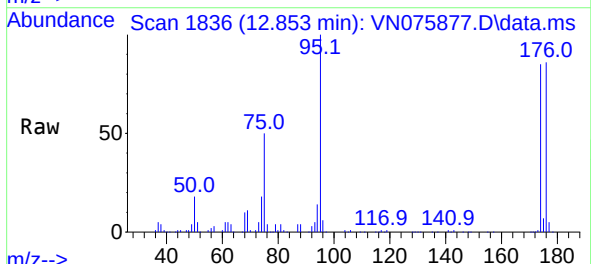


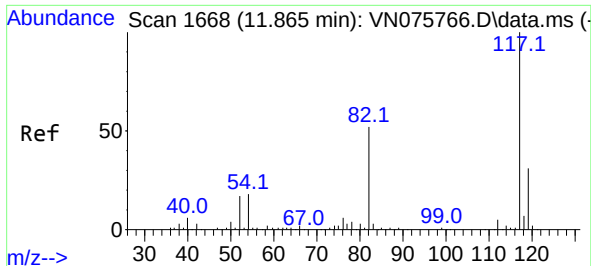
Tgt Ion: 69 Resp: 1134
Ion Ratio Lower Upper
69 100
41 21.0 44.2 66.4#
39 11.3 26.4 39.6#



#62
4-Bromofluorobenzene
Concen: 47.589 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN075877.D
Acq: 19 Dec 2022 17:34

Tgt Ion: 95 Resp: 228025
Ion Ratio Lower Upper
95 100
174 86.0 0.0 171.6
176 83.3 0.0 169.2

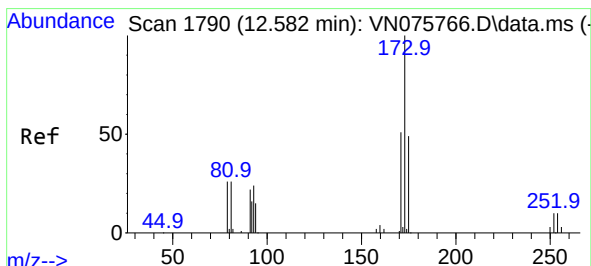
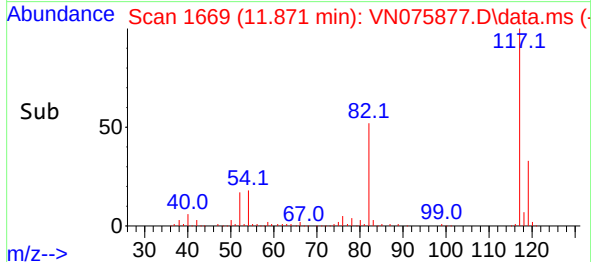
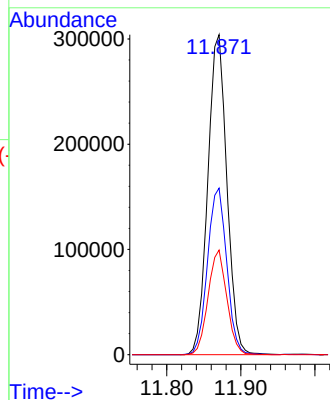
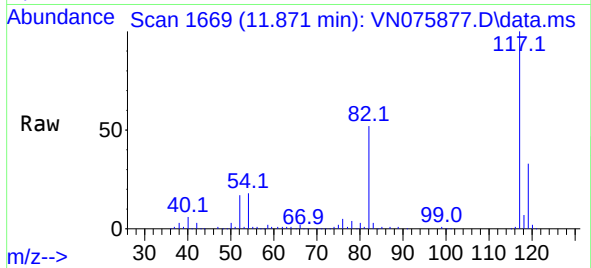




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN075877.D
Acq: 19 Dec 2022 17:34

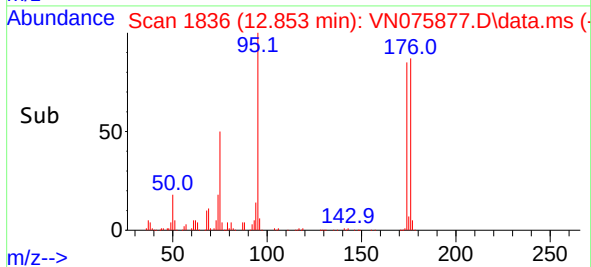
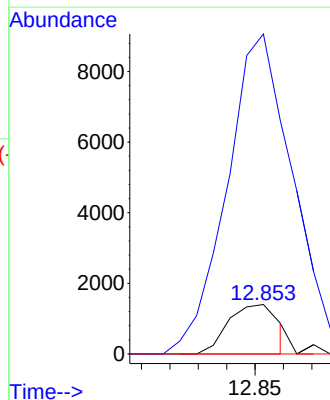
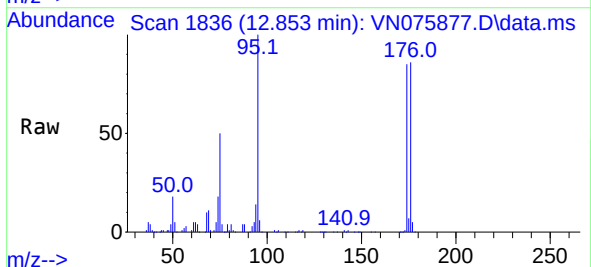
Instrument :
MSVOA_N
ClientSampleId :

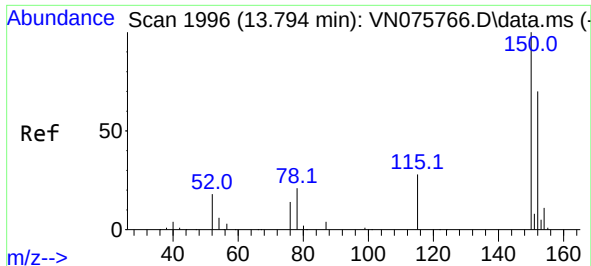
Tgt Ion:117 Resp: 543159
Ion Ratio Lower Upper
117 100
82 52.0 41.3 61.9
119 32.7 24.6 37.0



#71
Bromoform
Concen: 0.572 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.271 min
Lab File: VN075877.D
Acq: 19 Dec 2022 17:34

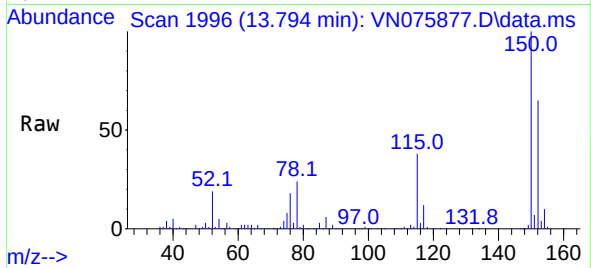
Tgt Ion:173 Resp: 1719
Ion Ratio Lower Upper
173 100
175 689.1 24.3 72.8#
254 0.0 0.0 0.0





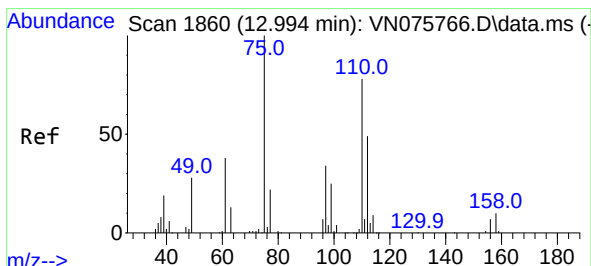
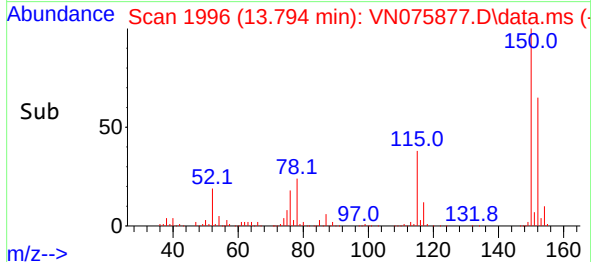
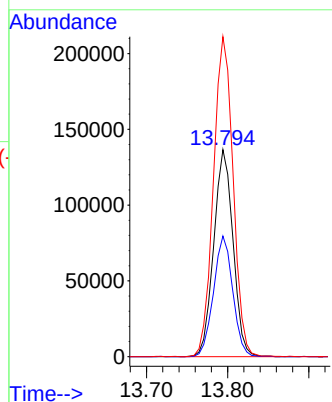
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 1996
 Delta R.T. 0.000 min
 Lab File: VN075877.D
 Acq: 19 Dec 2022 17:34

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:152 Resp: 225587

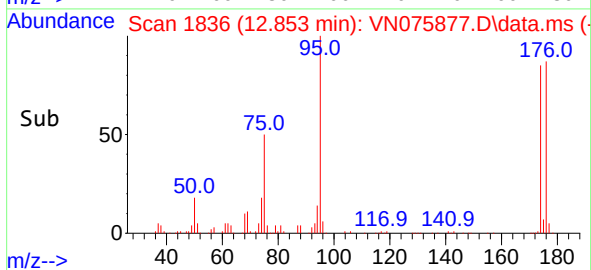
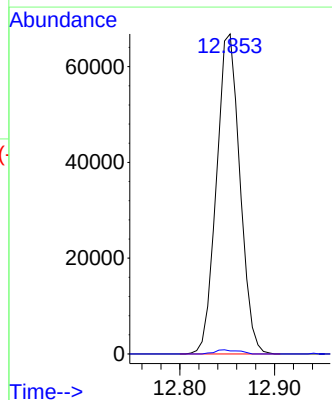
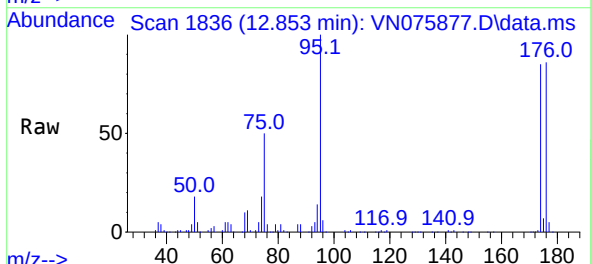
Ion	Ratio	Lower	Upper
152	100		
115	58.1	29.1	87.4
150	157.8	0.0	347.0

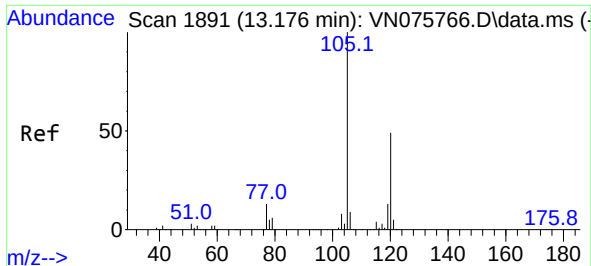


#76
 1,2,3-Trichloropropane
 Concen: 25.268 ug/l
 RT: 12.853 min Scan# 1836
 Delta R.T. -0.141 min
 Lab File: VN075877.D
 Acq: 19 Dec 2022 17:34

Tgt Ion: 75 Resp: 114903

Ion	Ratio	Lower	Upper
75	100		
77	1.3	82.6	247.8#

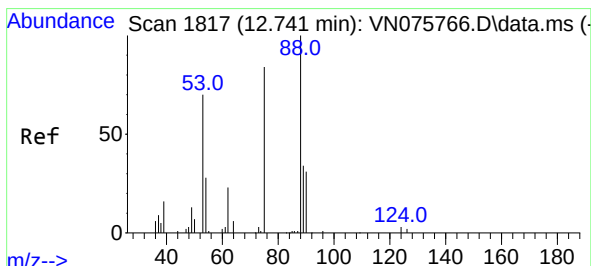
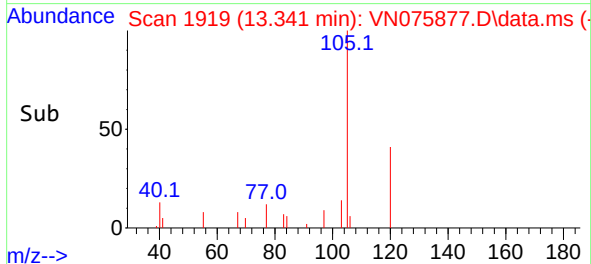
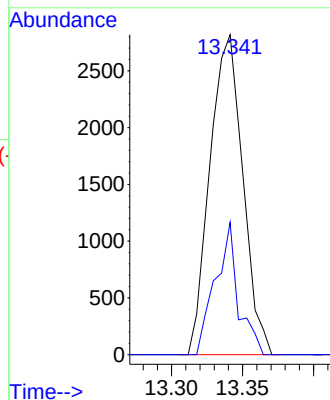
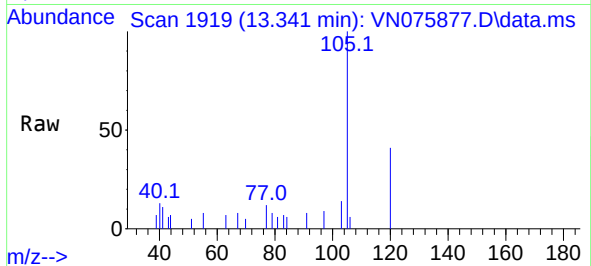




#80
1,3,5-Trimethylbenzene
Concen: 0.332 ug/l
RT: 13.341 min Scan# 1919
Delta R.T. 0.165 min
Lab File: VN075877.D
Acq: 19 Dec 2022 17:34

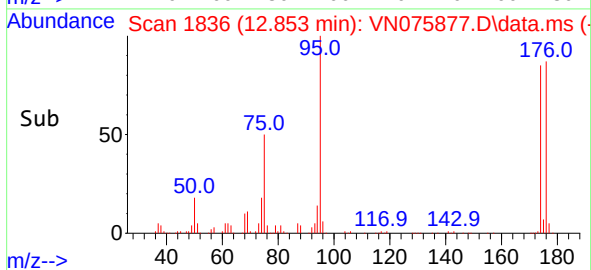
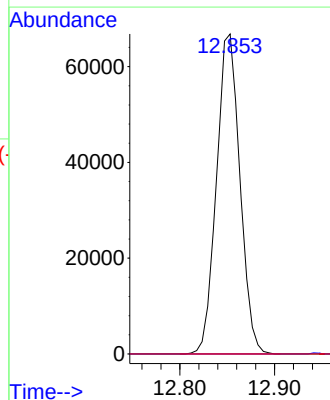
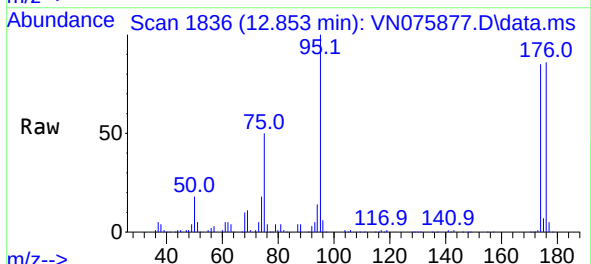
Instrument :
MSVOA_N
ClientSampleId :

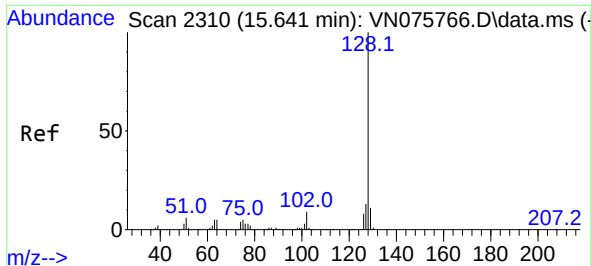
Tgt Ion:105 Resp: 4536
Ion Ratio Lower Upper
105 100
120 28.7 24.7 74.1



#81
trans-1,4-Dichloro-2-butene
Concen: 90.954 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.112 min
Lab File: VN075877.D
Acq: 19 Dec 2022 17:34

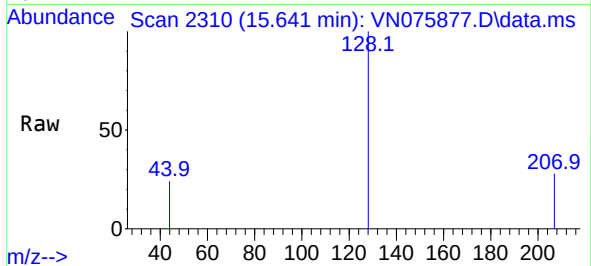
Tgt Ion: 75 Resp: 114903
Ion Ratio Lower Upper
75 100
53 0.0 73.8 110.6#
89 0.0 39.5 59.3#





#95
Naphthalene
Concen: 2.352 ug/l
RT: 15.641 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN075877.D
Acq: 19 Dec 2022 17:34

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:128 Resp: 2241
Ion Ratio Lower Upper
128 100
127 0.0 10.4 15.6#
129 0.0 8.7 13.1#

