

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022125\
 Data File : VN085814.D
 Acq On : 21 Feb 2025 19:50
 Operator : JC\MD
 Sample : Q1356-11
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CARBON-SOLID

Quant Time: Feb 22 02:41:08 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:43:32 2025
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

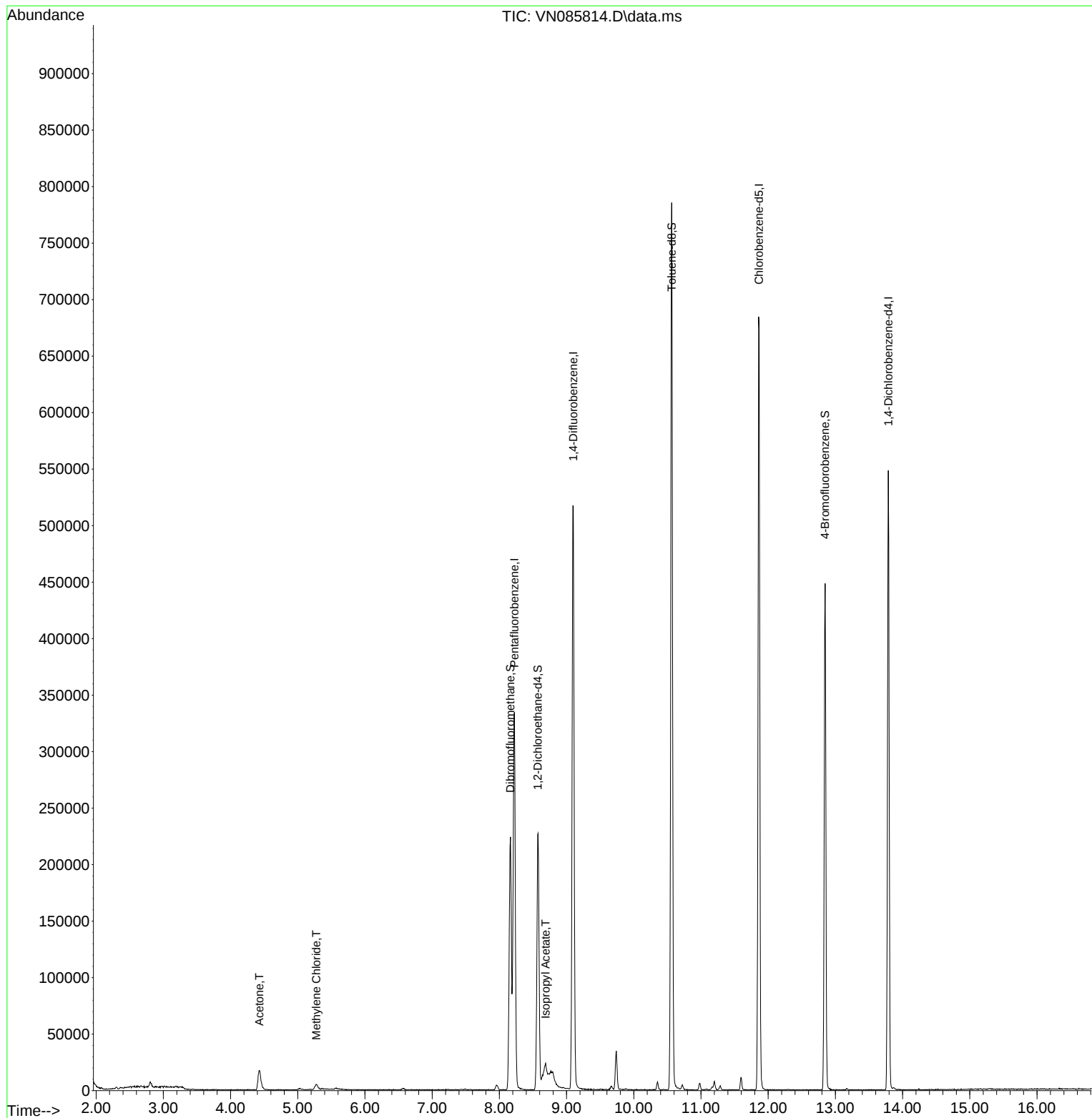
Internal Standards						
1) Pentafluorobenzene	8.224	168	242238	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	469775	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	404628	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	154623	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	188553	60.039	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 120.080%		
35) Dibromofluoromethane	8.165	113	163233	53.101	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 106.200%		
50) Toluene-d8	10.565	98	555193	49.641	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 99.280%		
62) 4-Bromofluorobenzene	12.847	95	160141	43.459	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 86.920%		
Target Compounds						
						Qvalue
16) Acetone	4.430	43	34008	34.223	ug/l	95
20) Methylene Chloride	5.277	84	3917	1.226	ug/l	92
43) Isopropyl Acetate	8.688	43	34964	5.074	ug/l #	64

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

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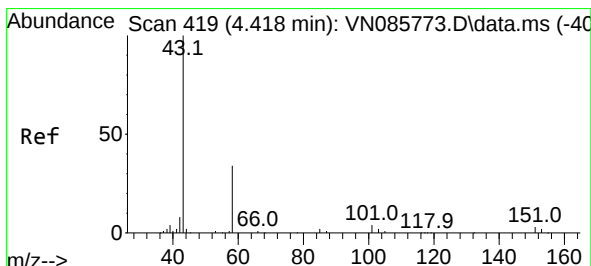
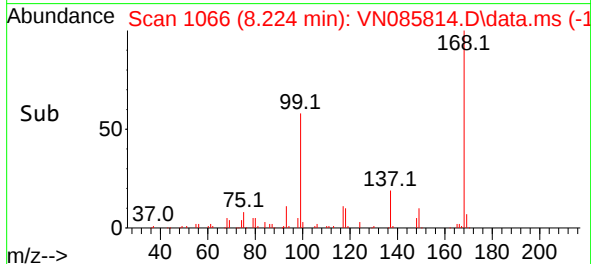
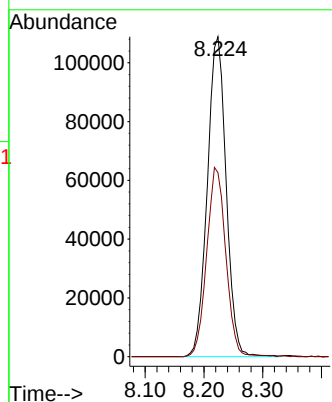
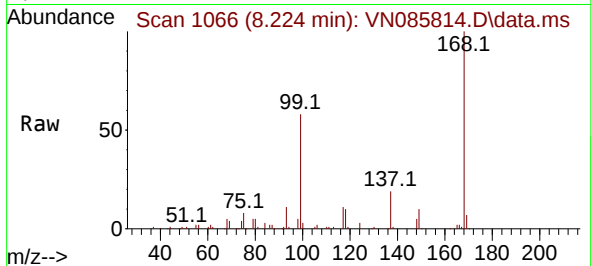




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085814.D
Acq: 21 Feb 2025 19:50

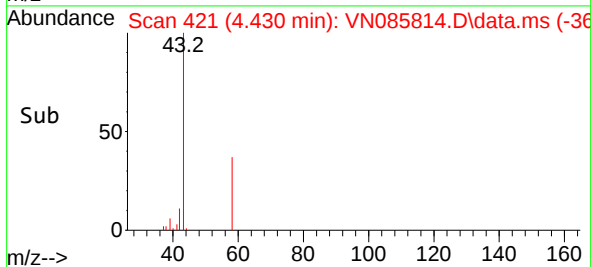
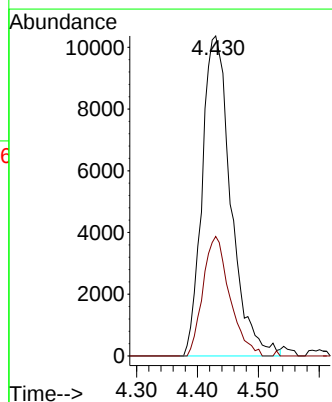
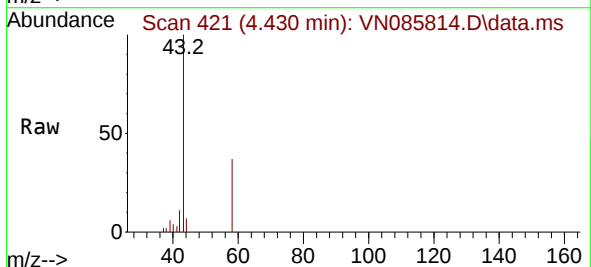
Instrument :
MSVOA_N
ClientSampleId :
CARBON-SOLID

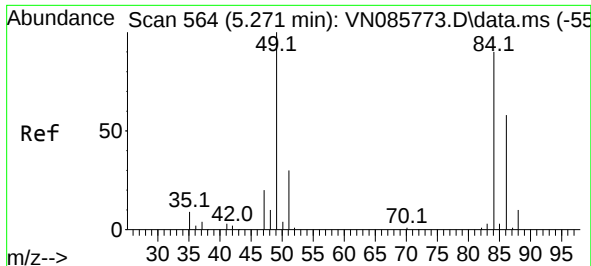
Tgt Ion:168 Resp: 242238
Ion Ratio Lower Upper
168 100
99 57.5 47.9 71.9



#16
Acetone
Concen: 34.223 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN085814.D
Acq: 21 Feb 2025 19:50

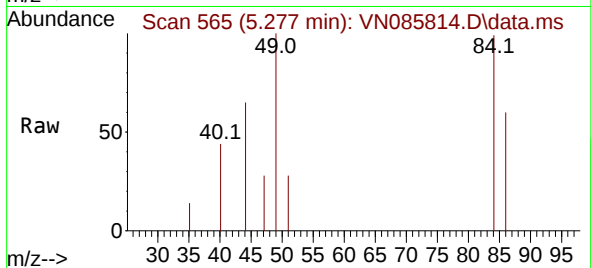
Tgt Ion: 43 Resp: 34008
Ion Ratio Lower Upper
43 100
58 37.3 27.5 41.3



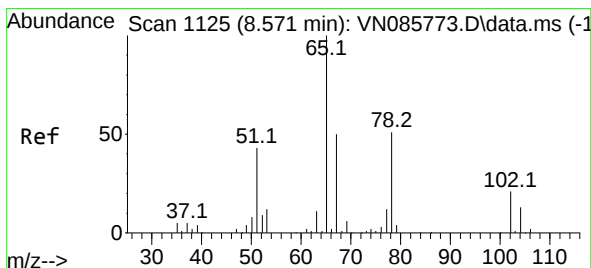
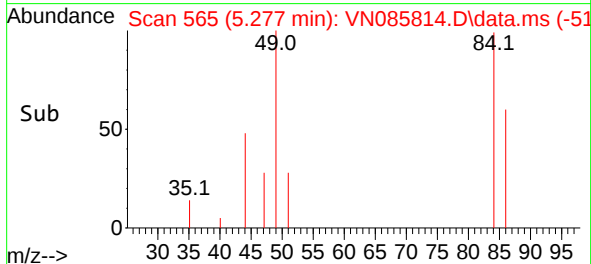
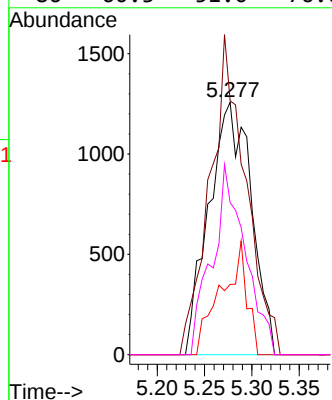


#20
Methylene Chloride
Concen: 1.226 ug/l
RT: 5.277 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN085814.D
Acq: 21 Feb 2025 19:50

Instrument :
MSVOA_N
ClientSampleId :
CARBON-SOLID

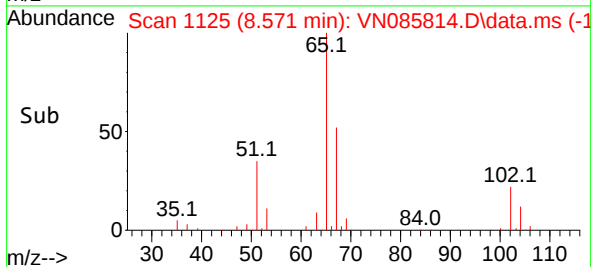
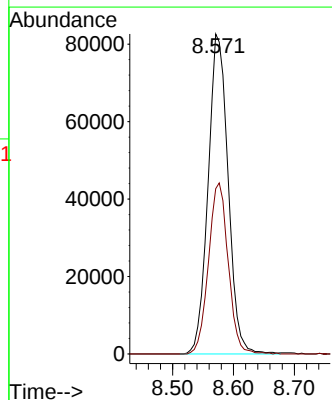
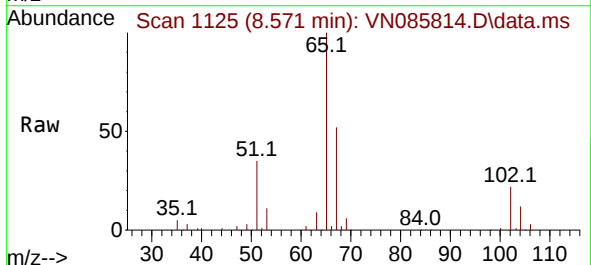


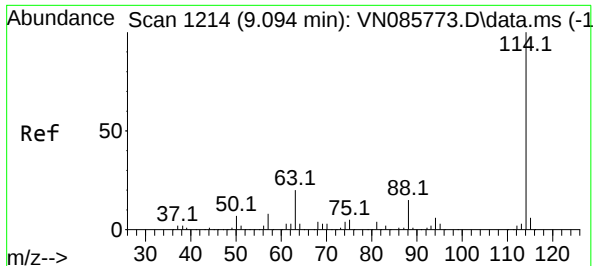
Tgt Ion: 84	Resp: 3917
Ion Ratio	Lower Upper
84 100	
49 100.6	88.4 132.6
51 27.8	26.6 40.0
86 60.3	51.0 76.6



#33
1,2-Dichloroethane-d4
Concen: 60.039 ug/l
RT: 8.571 min Scan# 1125
Delta R.T. 0.000 min
Lab File: VN085814.D
Acq: 21 Feb 2025 19:50

Tgt Ion: 65	Resp: 188553
Ion Ratio	Lower Upper
65 100	
67 52.6	0.0 106.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN085814.D

Acq: 21 Feb 2025 19:50

Instrument :

MSVOA_N

ClientSampleId :

CARBON-SOLID

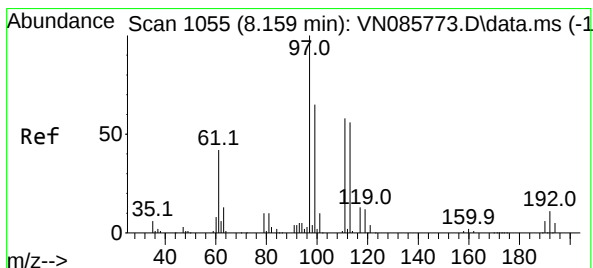
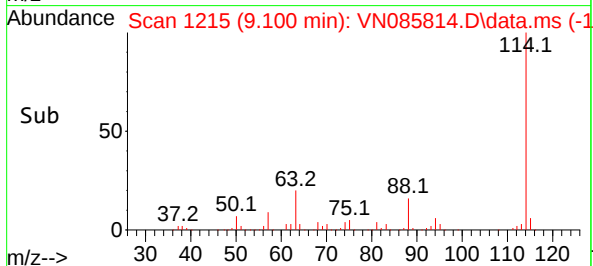
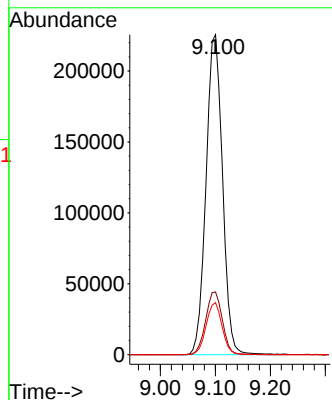
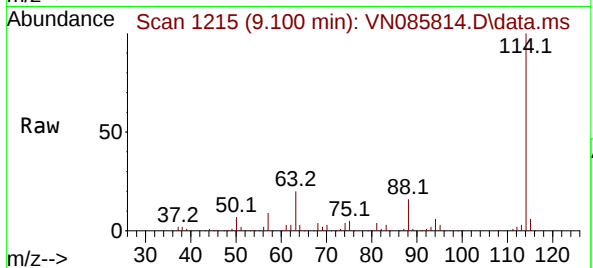
Tgt Ion:114 Resp: 469775

Ion Ratio Lower Upper

114 100

63 19.6 0.0 39.2

88 16.3 0.0 30.0



#35

Dibromofluoromethane

Concen: 53.101 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085814.D

Acq: 21 Feb 2025 19:50

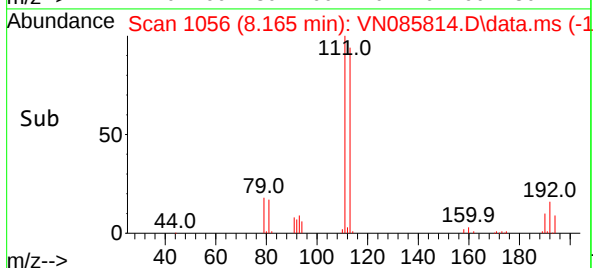
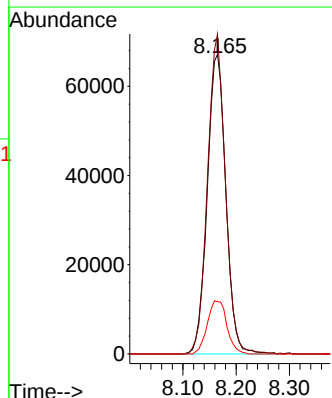
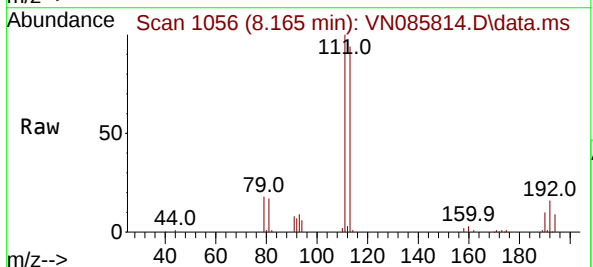
Tgt Ion:113 Resp: 163233

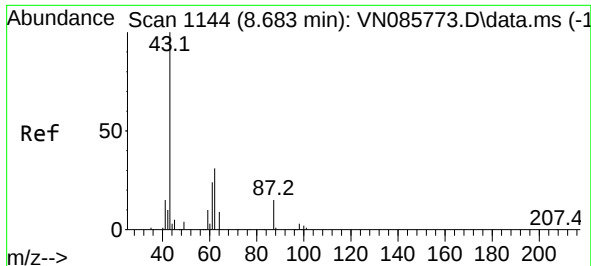
Ion Ratio Lower Upper

113 100

111 102.4 82.2 123.4

192 18.7 14.7 22.1

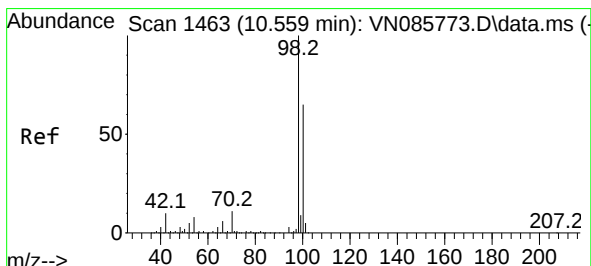
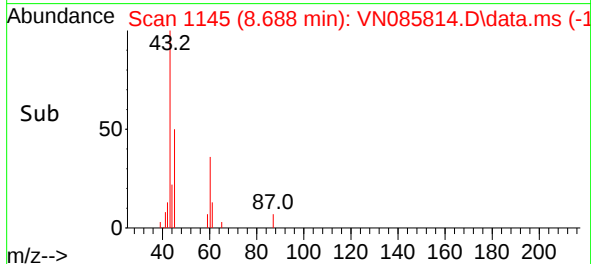
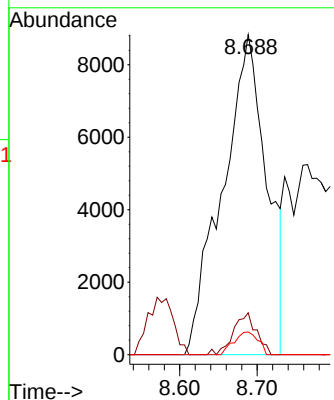
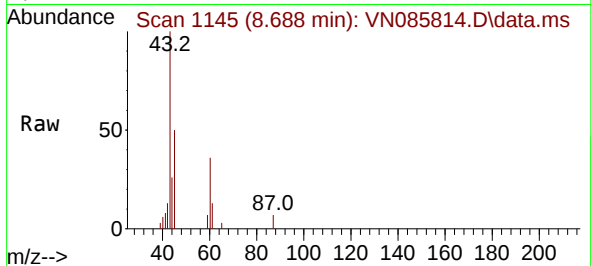




#43
Isopropyl Acetate
Concen: 5.074 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.005 min
Lab File: VN085814.D
Acq: 21 Feb 2025 19:50

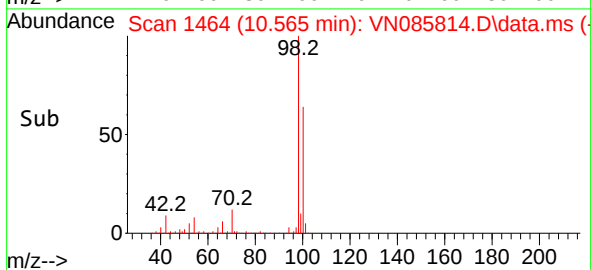
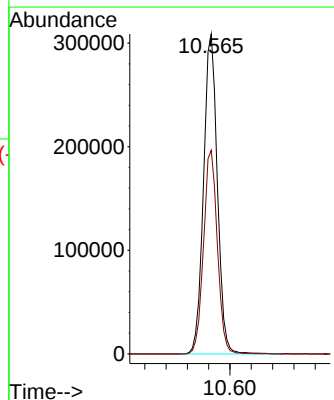
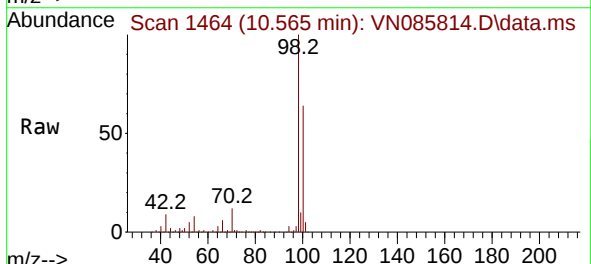
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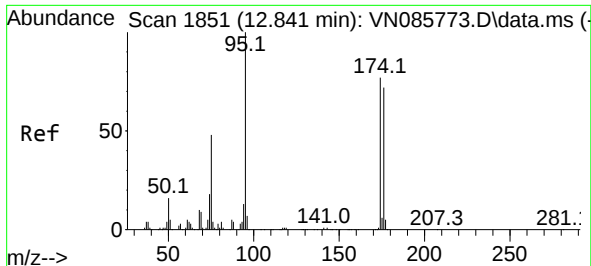
Tgt Ion: 43 Resp: 34964
Ion Ratio Lower Upper
43 100
61 6.8 22.6 34.0#
87 3.9 11.8 17.8#



#50
Toluene-d8
Concen: 49.641 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN085814.D
Acq: 21 Feb 2025 19:50

Tgt Ion: 98 Resp: 555193
Ion Ratio Lower Upper
98 100
100 63.8 52.1 78.1

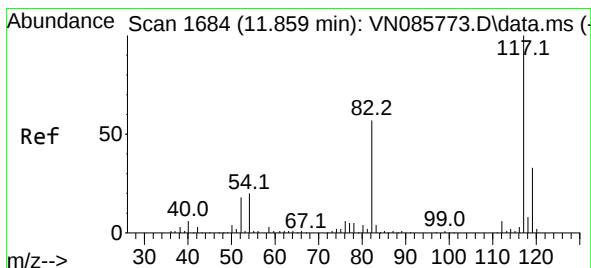
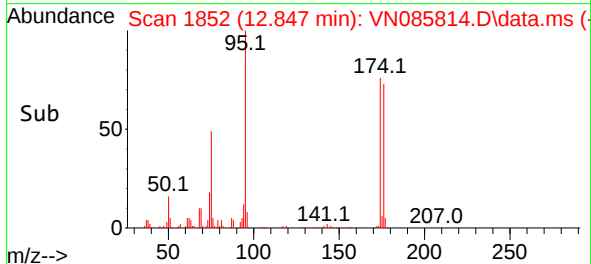
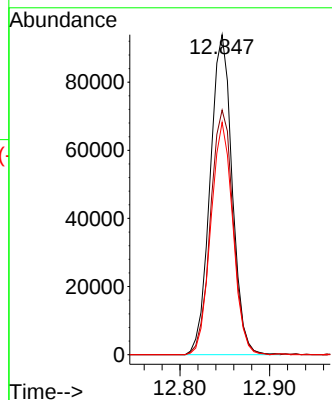
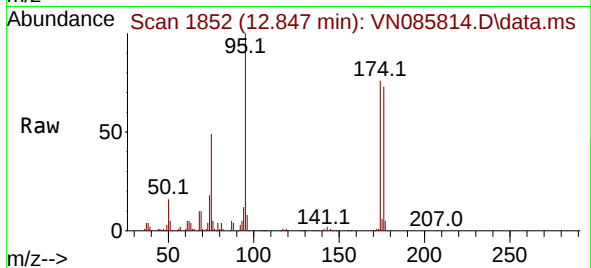




#62
4-Bromofluorobenzene
Concen: 43.459 ug/l
RT: 12.847 min Scan# 1851
Delta R.T. 0.006 min
Lab File: VN085814.D
Acq: 21 Feb 2025 19:50

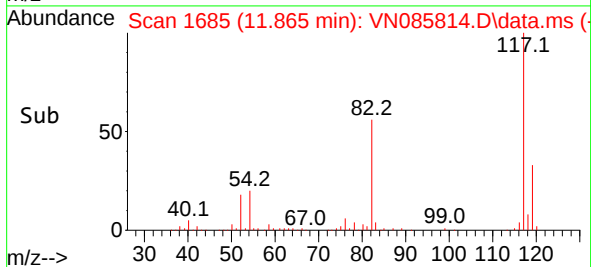
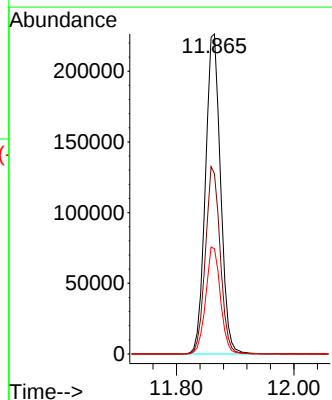
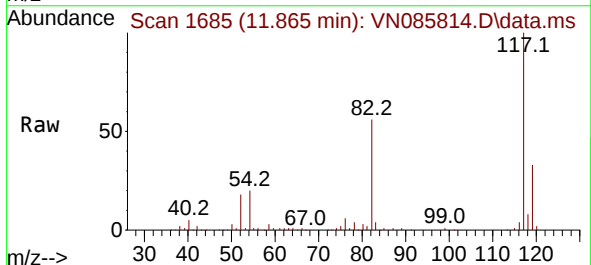
Instrument :
MSVOA_N
ClientSampleId :
CARBON-SOLID

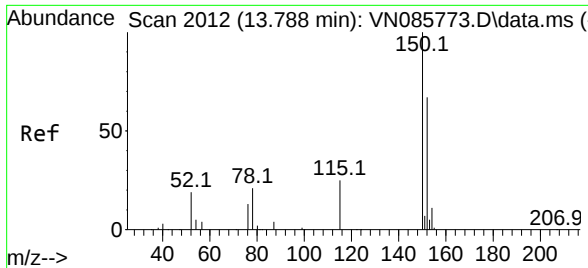
Tgt Ion: 95 Resp: 160141
Ion Ratio Lower Upper
95 100
174 78.7 0.0 152.4
176 72.3 0.0 146.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VN085814.D
Acq: 21 Feb 2025 19:50

Tgt Ion: 117 Resp: 404628
Ion Ratio Lower Upper
117 100
82 56.3 45.7 68.5
119 32.9 26.2 39.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN085814.D
 Acq: 21 Feb 2025 19:50

Instrument :
 MSVOA_N
 ClientSampleId :
 CARBON-SOLID

Tgt Ion:152 Resp: 154623
 Ion Ratio Lower Upper
 152 100
 115 60.5 30.4 91.3
 150 158.6 0.0 345.4

