

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020525\
 Data File : VN085688.D
 Acq On : 05 Feb 2025 19:35
 Operator : JC\MD
 Sample : Q1289-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FL-DRUMS-A

Quant Time: Feb 06 00:47:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 15 02:16:08 2025
 Response via : Initial Calibration

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

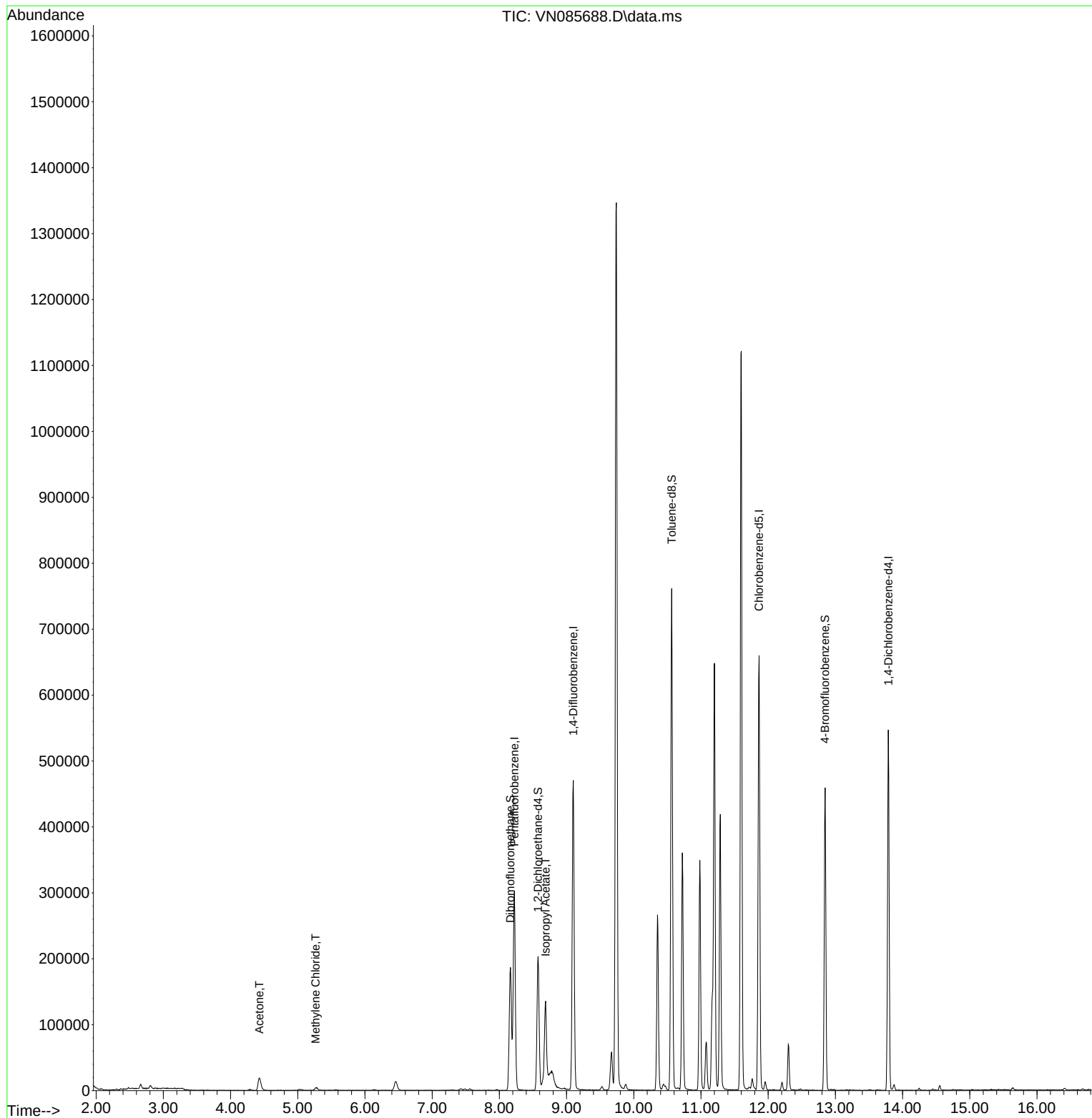
Internal Standards						
1) Pentafluorobenzene	8.224	168	206383	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	404979	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	373277	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	142618	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	160819	48.273	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.540%		
35) Dibromofluoromethane	8.165	113	135100	48.086	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.180%		
50) Toluene-d8	10.565	98	516501	51.742	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	103.480%		
62) 4-Bromofluorobenzene	12.847	95	154152	45.144	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	90.280%		
Target Compounds					Qvalue	
16) Acetone	4.430	43	36860	34.243	ug/l	96
20) Methylene Chloride	5.265	84	3130	1.175	ug/l	92
43) Isopropyl Acetate	8.688	43	164831	25.846	ug/l #	86

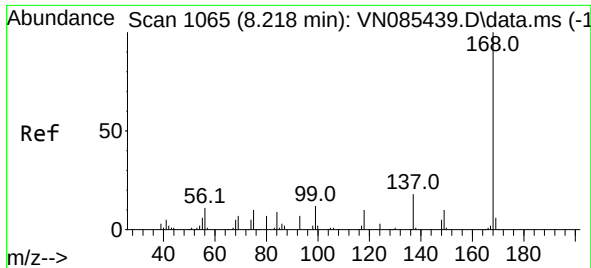
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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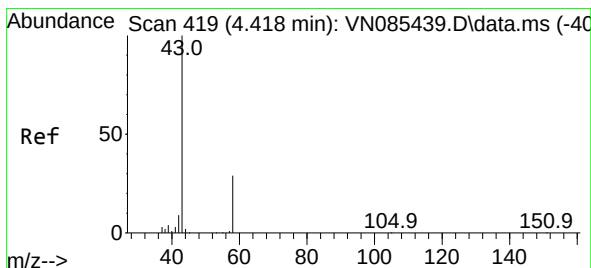
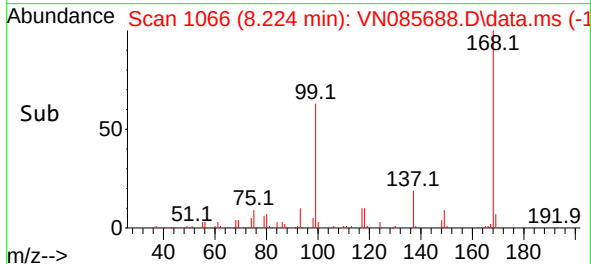
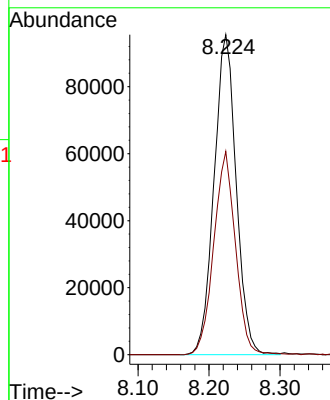
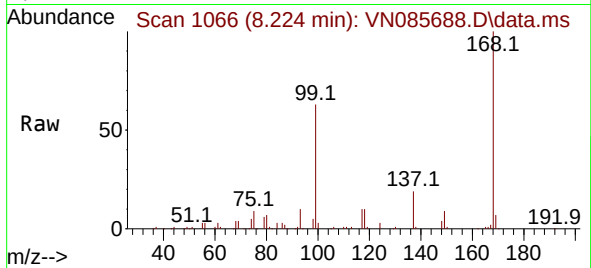




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085688.D
Acq: 05 Feb 2025 19:35

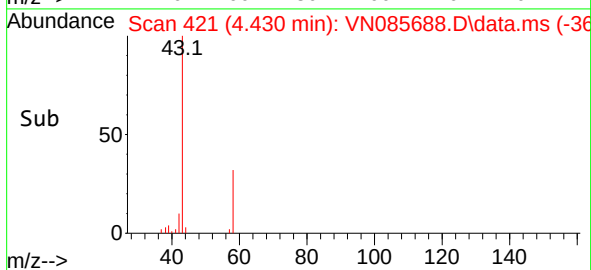
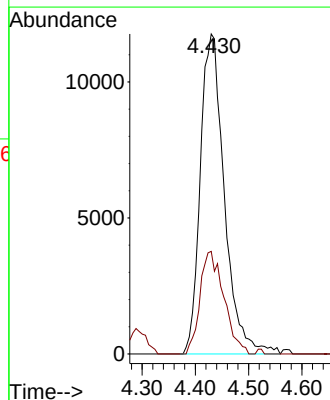
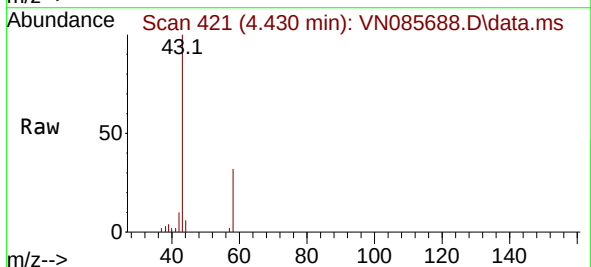
Instrument :
MSVOA_N
ClientSampleId :
FL-DRUMS-A

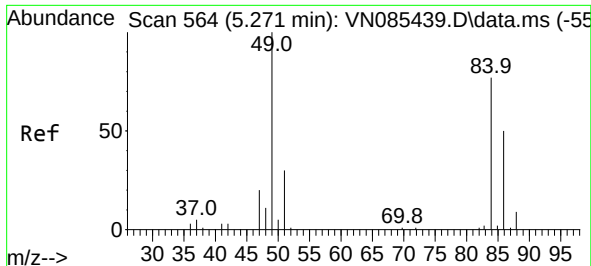
Tgt Ion:168 Resp: 206383
Ion Ratio Lower Upper
168 100
99 63.5 53.6 80.4



#16
Acetone
Concen: 34.243 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN085688.D
Acq: 05 Feb 2025 19:35

Tgt Ion: 43 Resp: 36860
Ion Ratio Lower Upper
43 100
58 32.0 23.8 35.6

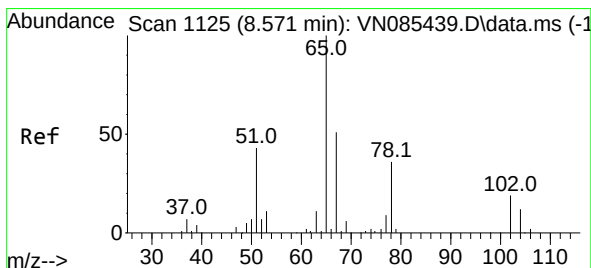
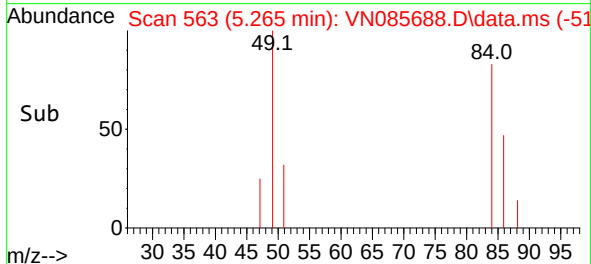
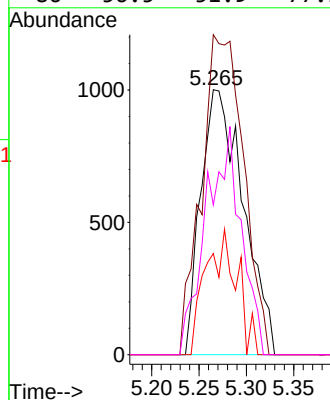
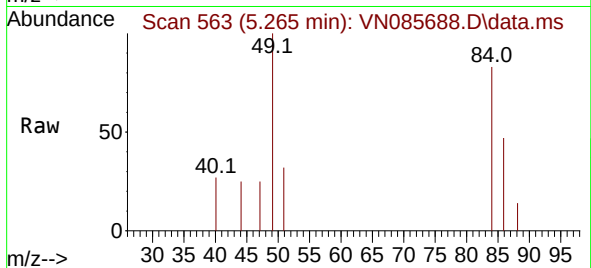




#20
Methylene Chloride
Concen: 1.175 ug/l
RT: 5.265 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN085688.D
Acq: 05 Feb 2025 19:35

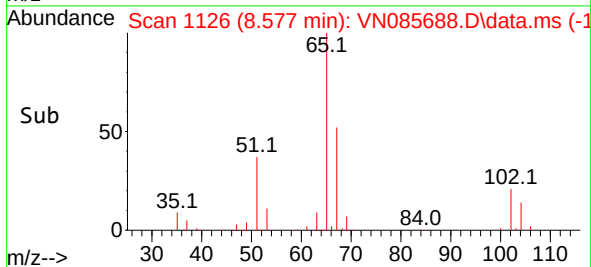
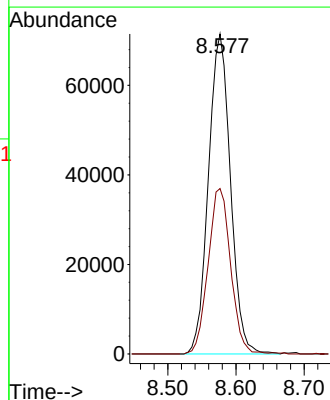
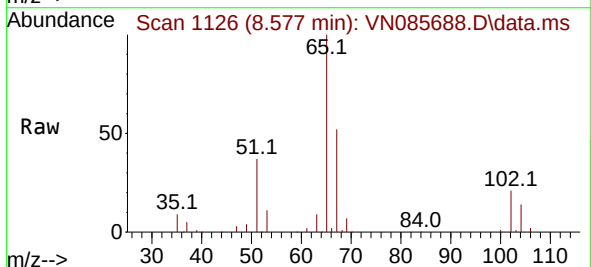
Instrument :
MSVOA_N
ClientSampleId :
FL-DRUMS-A

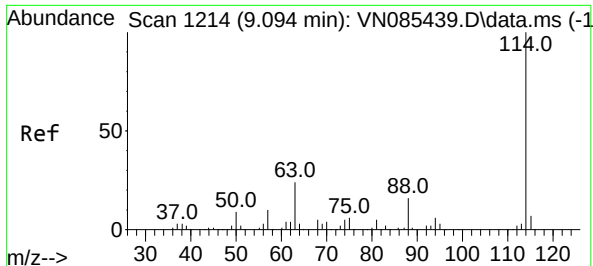
Tgt Ion: 84	Resp:	3130	
Ion	Ratio	Lower	Upper
84	100		
49	120.8	104.1	156.1
51	38.2	31.0	46.4
86	56.5	51.9	77.9



#33
1,2-Dichloroethane-d4
Concen: 48.273 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085688.D
Acq: 05 Feb 2025 19:35

Tgt Ion: 65	Resp: 160819
Ion Ratio	Lower Upper
65 100	
67 52.8	0.0 101.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN085688.D

Acq: 05 Feb 2025 19:35

Instrument :

MSVOA_N

ClientSampleId :

FL-DRUMS-A

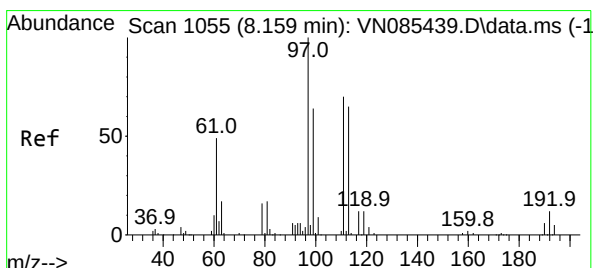
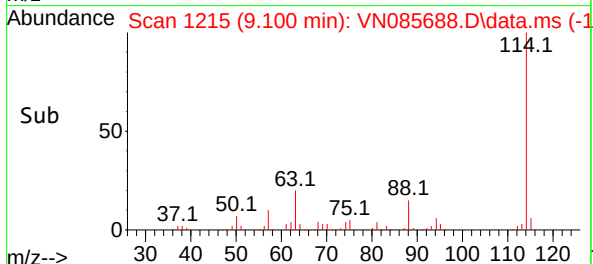
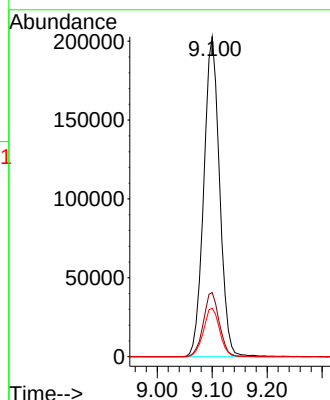
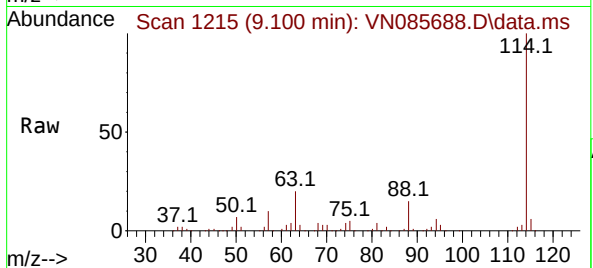
Tgt Ion:114 Resp: 404979

Ion Ratio Lower Upper

114 100

63 20.1 0.0 47.6

88 15.1 0.0 32.6



#35

Dibromofluoromethane

Concen: 48.086 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085688.D

Acq: 05 Feb 2025 19:35

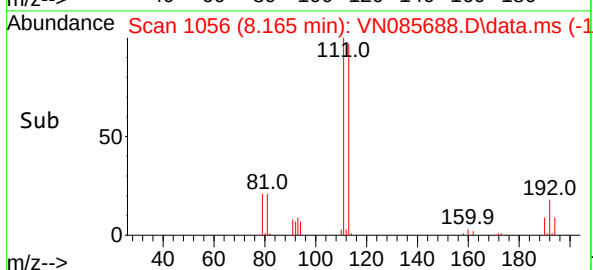
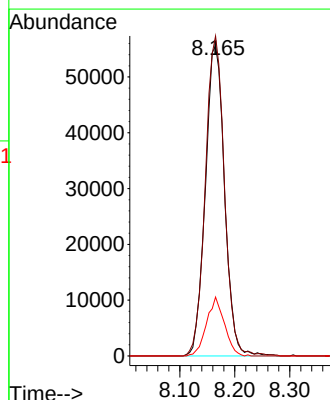
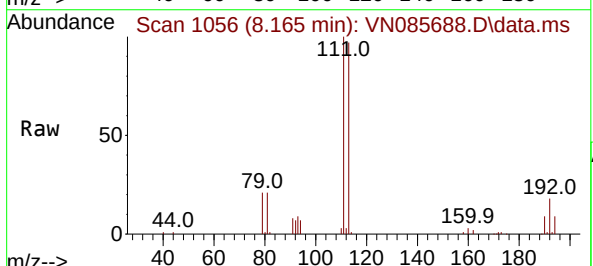
Tgt Ion:113 Resp: 135100

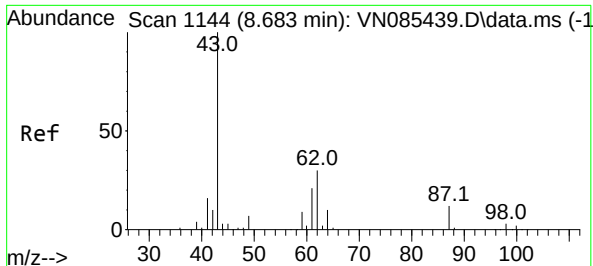
Ion Ratio Lower Upper

113 100

111 102.2 82.7 124.1

192 17.7 14.3 21.5

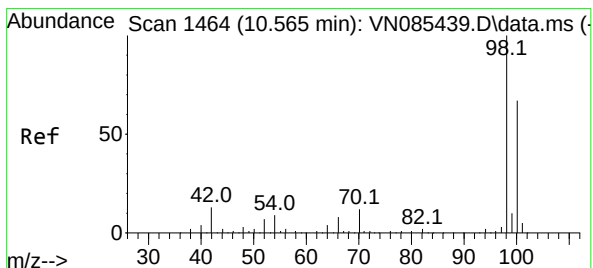
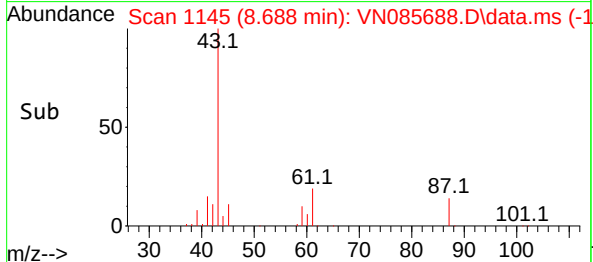
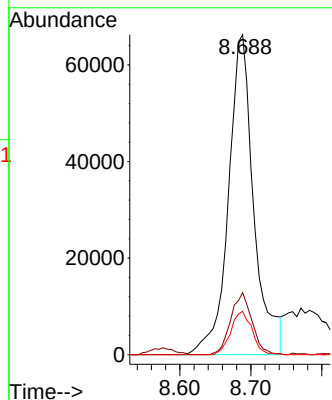
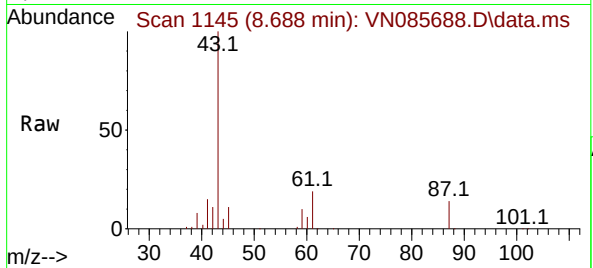




#43
Isopropyl Acetate
Concen: 25.846 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VN085688.D
Acq: 05 Feb 2025 19:35

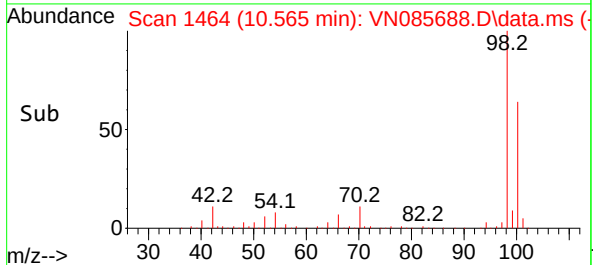
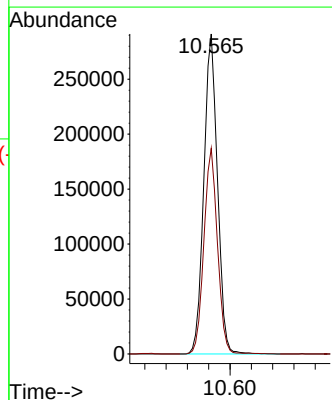
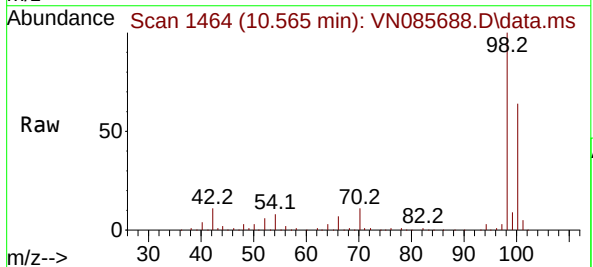
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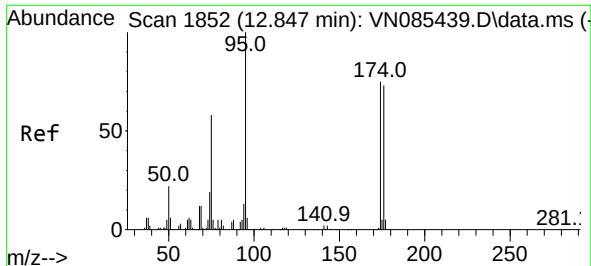
Tgt Ion: 43 Resp: 164831
Ion Ratio Lower Upper
43 100
61 16.3 20.7 31.1#
87 11.3 9.8 14.8



#50
Toluene-d8
Concen: 51.742 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085688.D
Acq: 05 Feb 2025 19:35

Tgt Ion: 98 Resp: 516501
Ion Ratio Lower Upper
98 100
100 63.9 52.2 78.4

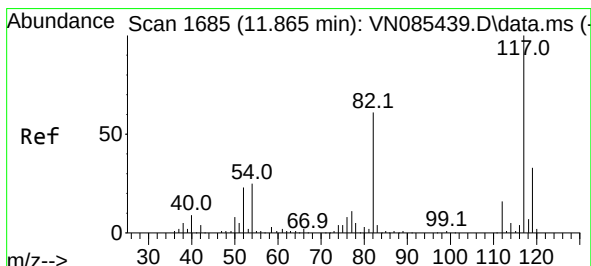
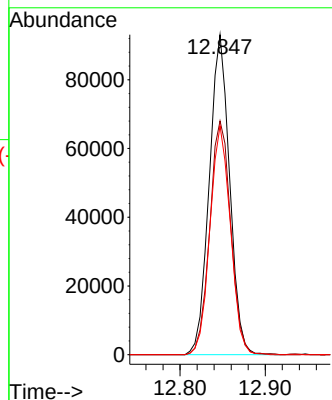
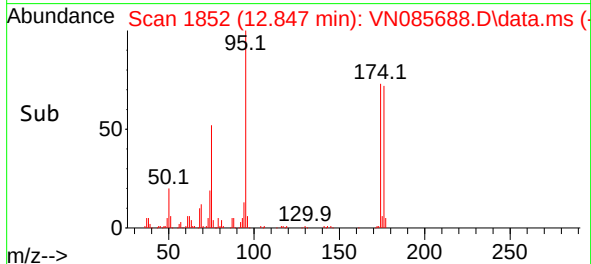
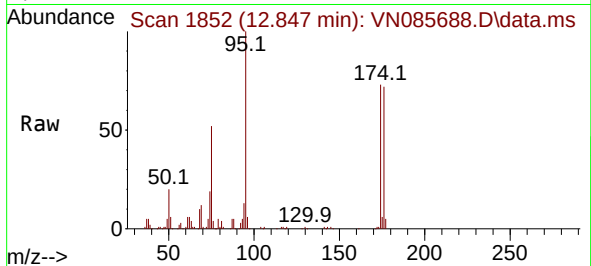




#62
4-Bromofluorobenzene
Concen: 45.144 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085688.D
Acq: 05 Feb 2025 19:35

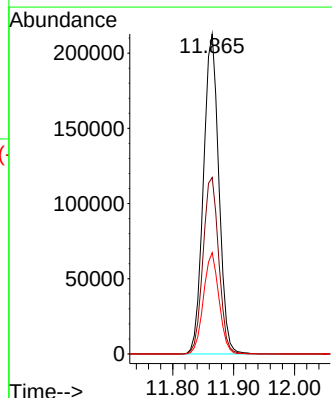
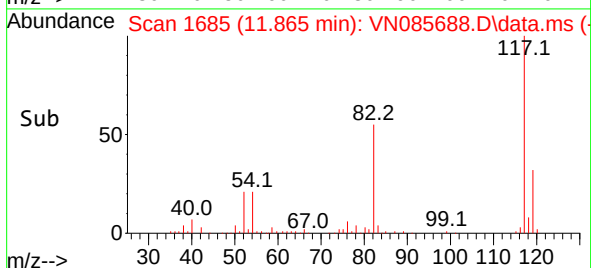
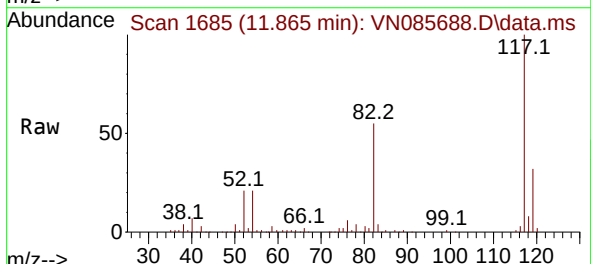
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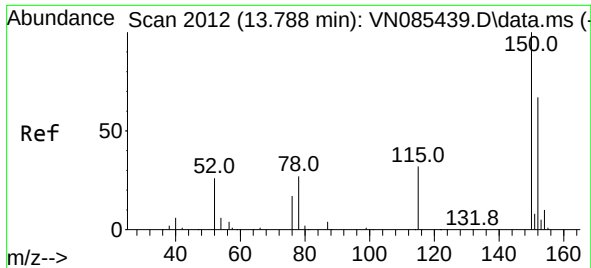
Tgt Ion: 95 Resp: 154152
Ion Ratio Lower Upper
95 100
174 75.8 0.0 145.0
176 71.9 0.0 142.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN085688.D
Acq: 05 Feb 2025 19:35

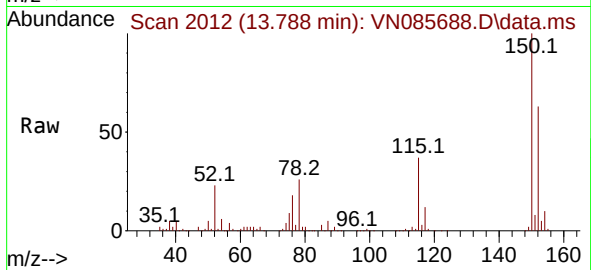
Tgt Ion: 117 Resp: 373277
Ion Ratio Lower Upper
117 100
82 55.2 48.6 72.8
119 31.7 26.6 39.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN085688.D
 Acq: 05 Feb 2025 19:35

Instrument :
 MSVOA_N
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Tgt Ion:152 Resp: 142618
 Ion Ratio Lower Upper
 152 100
 115 60.7 31.1 93.3
 150 159.0 0.0 343.6

