

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020325\
 Data File : VN085630.D
 Acq On : 03 Feb 2025 18:25
 Operator : JC\MD
 Sample : PB166424ZHE#09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB166424ZHE#09

Quant Time: Feb 04 00:59:58 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)

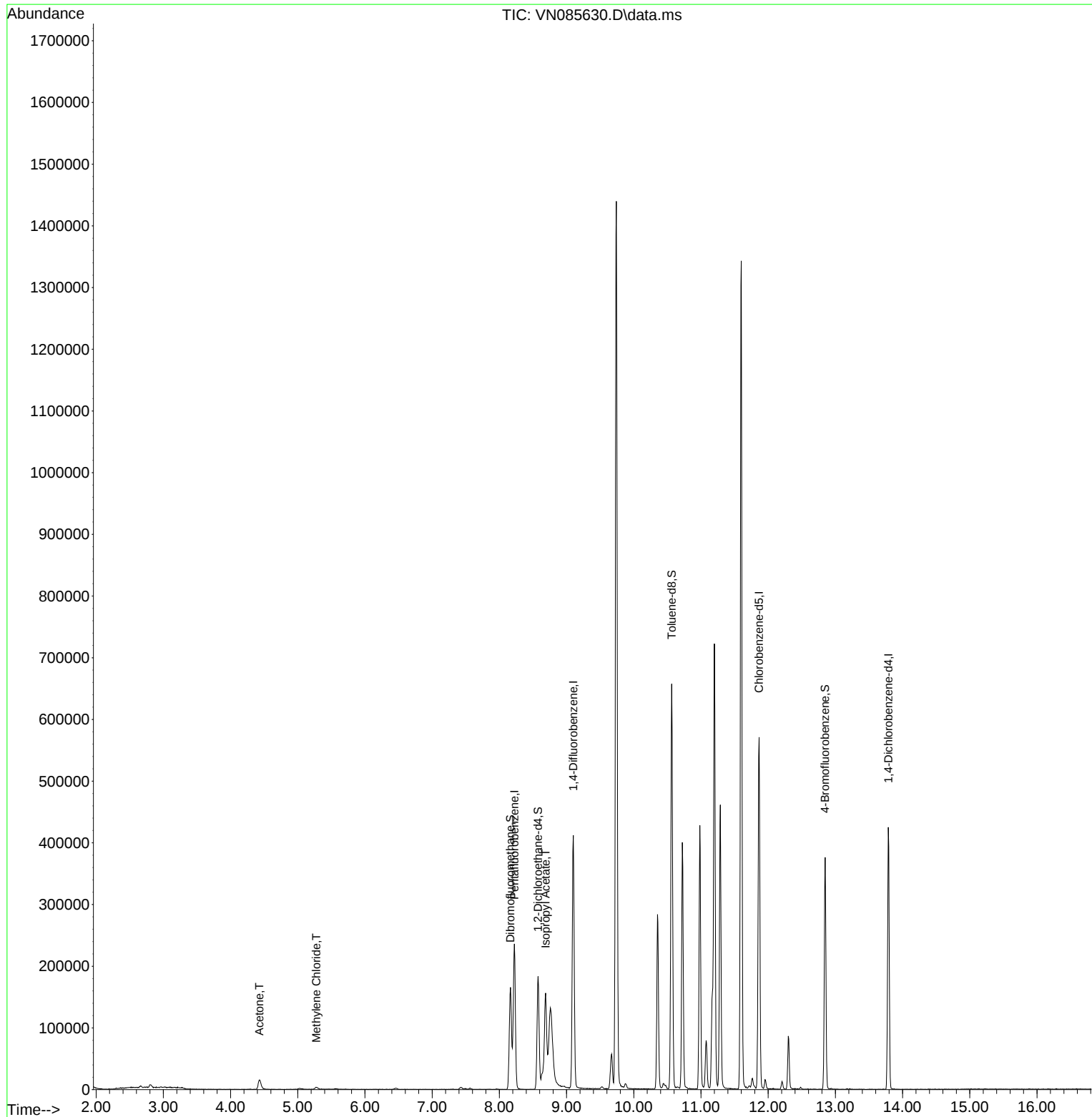
Internal Standards						
1) Pentafluorobenzene	8.224	168	159154	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	348531	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	329832	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	111815	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	142347	55.408	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	110.820%	
35) Dibromofluoromethane	8.165	113	117091	48.426	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	96.860%	
50) Toluene-d8	10.565	98	449452	52.317	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	104.640%	
62) 4-Bromofluorobenzene	12.847	95	123889	42.157	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	84.320%	
Target Compounds						
						Qvalue
16) Acetone	4.430	43	30753	37.048	ug/l	94
20) Methylene Chloride	5.277	84	2392	1.164	ug/l	88
43) Isopropyl Acetate	8.688	43	193967	35.341	ug/l #	83

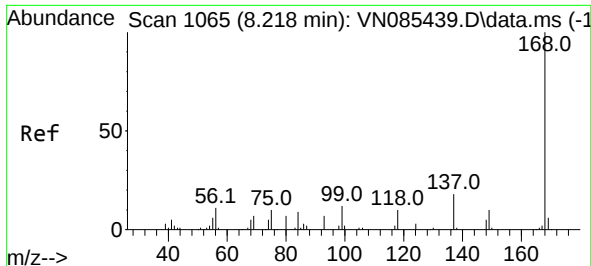
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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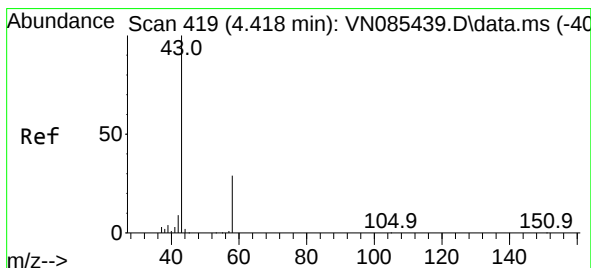
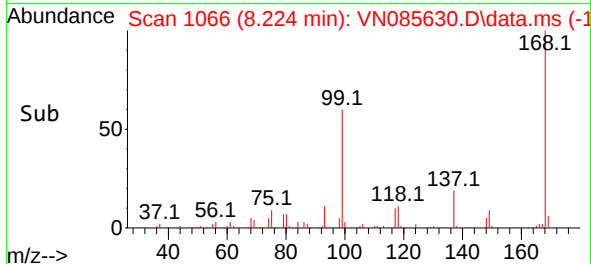
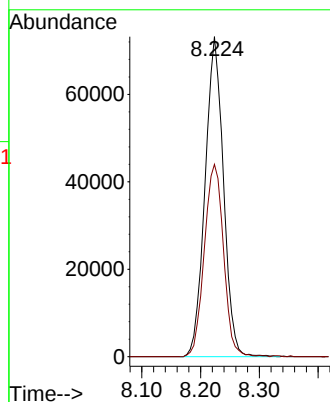
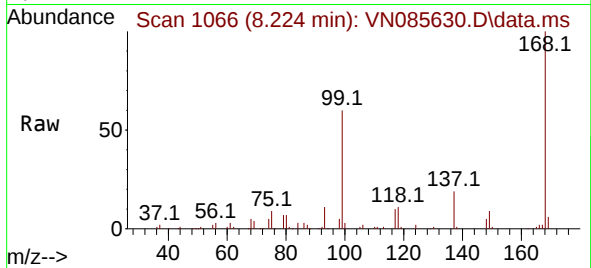




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085630.D
Acq: 03 Feb 2025 18:25

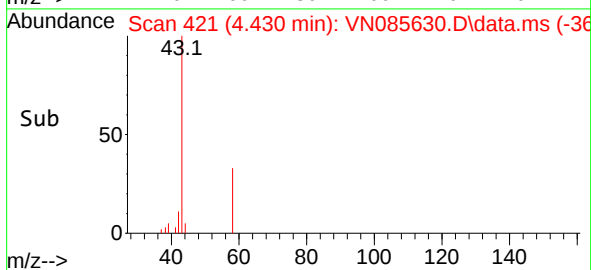
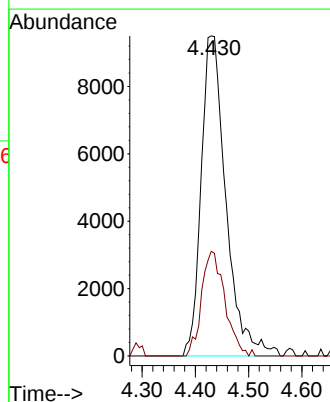
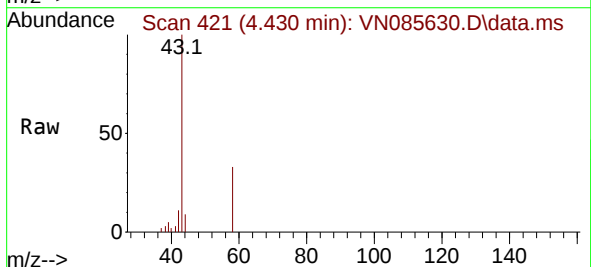
Instrument :
MSVOA_N
ClientSampleId :
PB166424ZHE#09

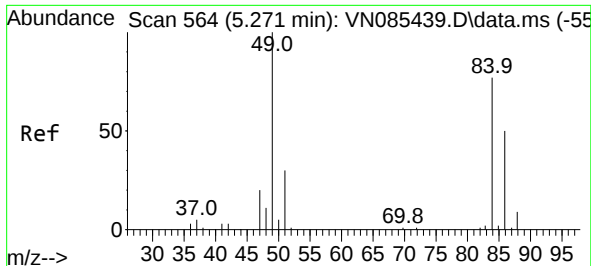
Tgt Ion:168 Resp: 159154
Ion Ratio Lower Upper
168 100
99 60.1 53.6 80.4



#16
Acetone
Concen: 37.048 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN085630.D
Acq: 03 Feb 2025 18:25

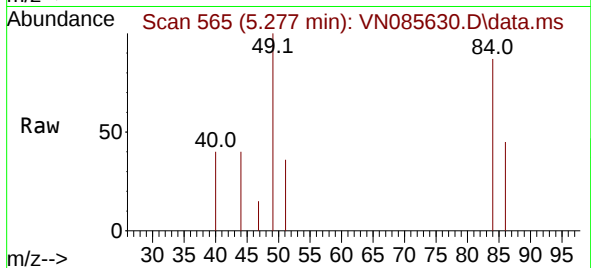
Tgt Ion: 43 Resp: 30753
Ion Ratio Lower Upper
43 100
58 32.7 23.8 35.6



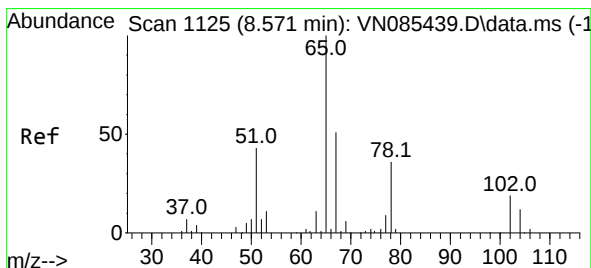
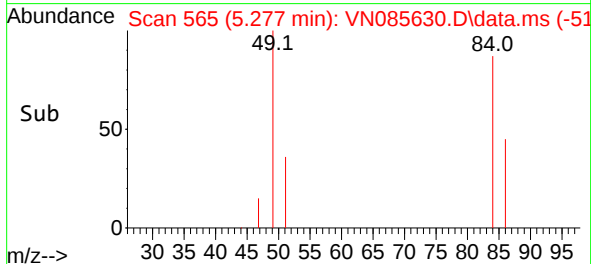
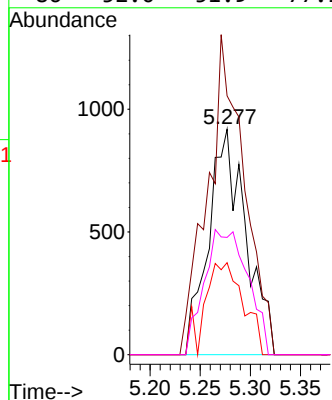


#20
Methylene Chloride
Concen: 1.164 ug/l
RT: 5.277 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN085630.D
Acq: 03 Feb 2025 18:25

Instrument :
MSVOA_N
ClientSampleId :
PB166424ZHE#09

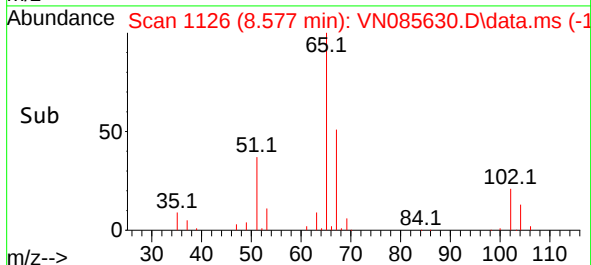
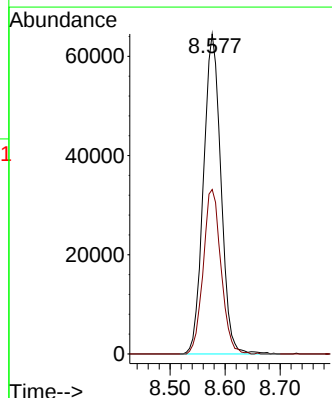
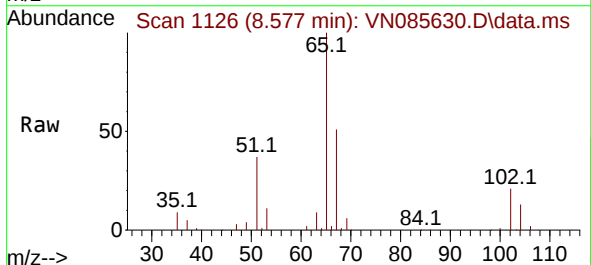


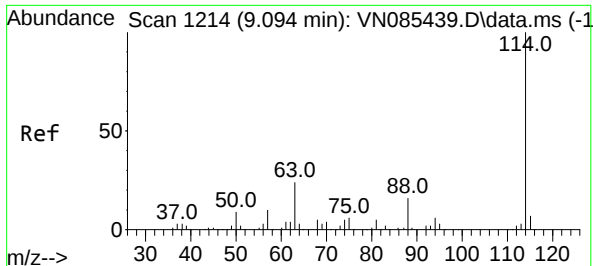
Tgt Ion:	84	Resp:	2392
Ion	Ratio	Lower	Upper
84	100		
49	114.8	104.1	156.1
51	40.8	31.0	46.4
86	52.0	51.9	77.9



#33
1,2-Dichloroethane-d4
Concen: 55.408 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085630.D
Acq: 03 Feb 2025 18:25

Tgt Ion:	65	Resp:	142347
Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	101.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN085630.D

Acq: 03 Feb 2025 18:25

Instrument :

MSVOA_N

ClientSampleId :

PB166424ZHE#09

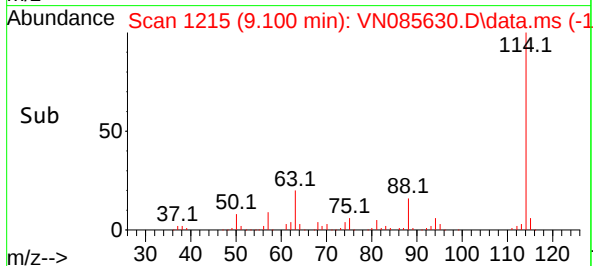
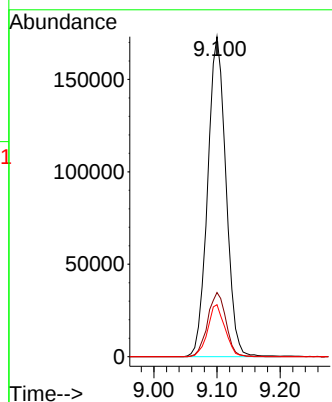
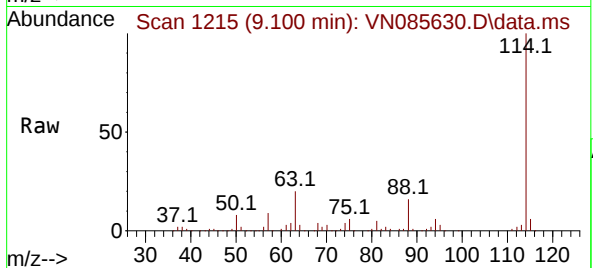
Tgt Ion:114 Resp: 348531

Ion Ratio Lower Upper

114 100

63 20.1 0.0 47.6

88 16.2 0.0 32.6



#35

Dibromofluoromethane

Concen: 48.426 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085630.D

Acq: 03 Feb 2025 18:25

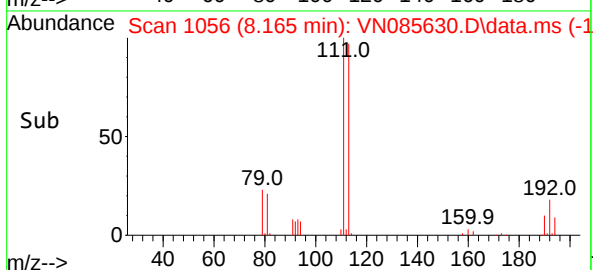
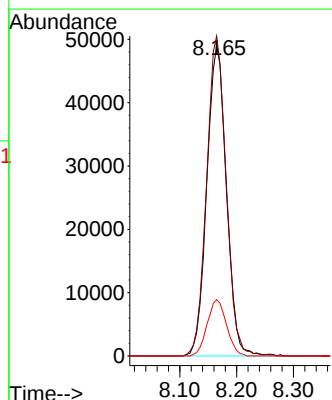
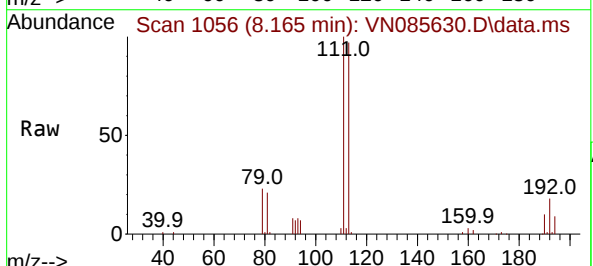
Tgt Ion:113 Resp: 117091

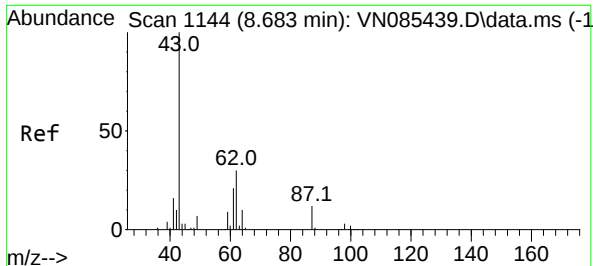
Ion Ratio Lower Upper

113 100

111 103.3 82.7 124.1

192 17.9 14.3 21.5

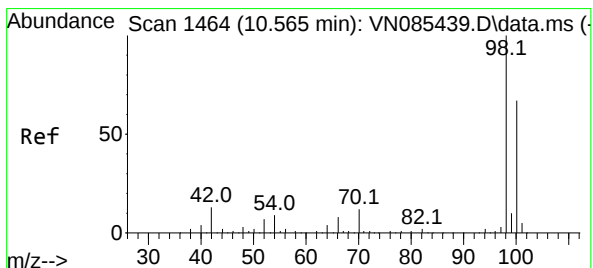
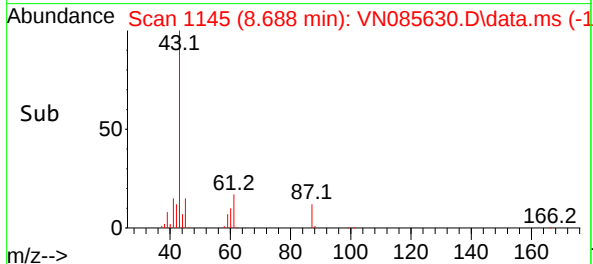
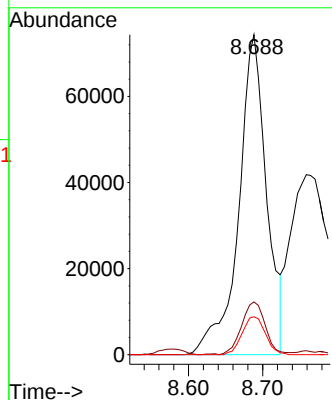
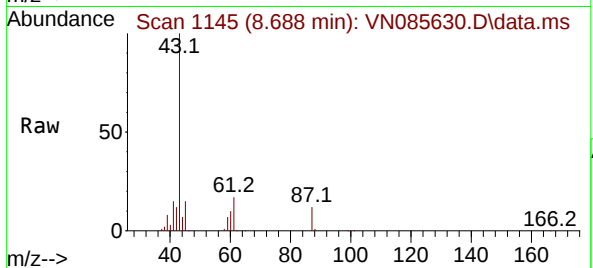




#43
Isopropyl Acetate
Concen: 35.341 ug/l
RT: 8.688 min Scan# 1144
Delta R.T. 0.006 min
Lab File: VN085630.D
Acq: 03 Feb 2025 18:25

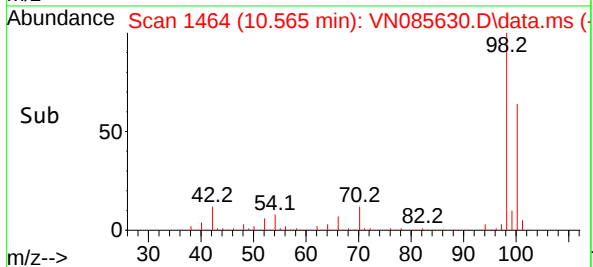
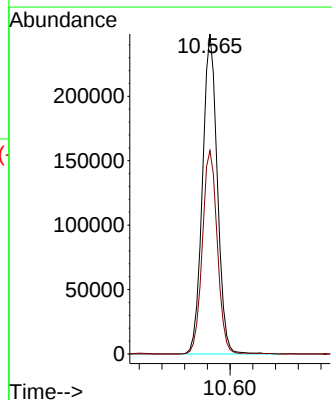
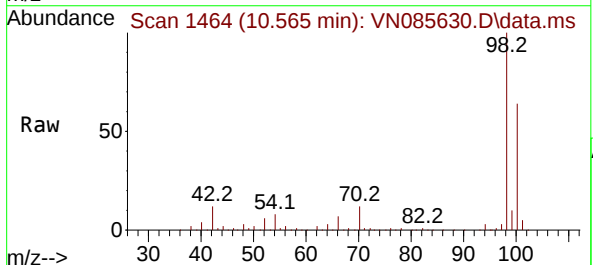
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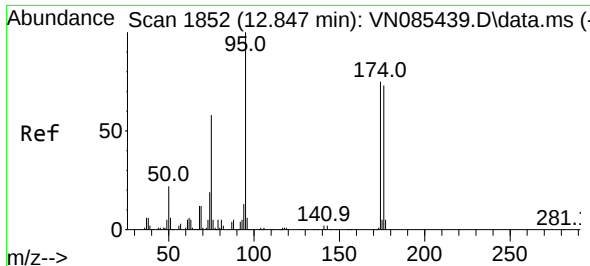
Tgt Ion: 43 Resp: 193967
Ion Ratio Lower Upper
43 100
61 14.3 20.7 31.1#
87 9.9 9.8 14.8



#50
Toluene-d8
Concen: 52.317 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085630.D
Acq: 03 Feb 2025 18:25

Tgt Ion: 98 Resp: 449452
Ion Ratio Lower Upper
98 100
100 64.0 52.2 78.4

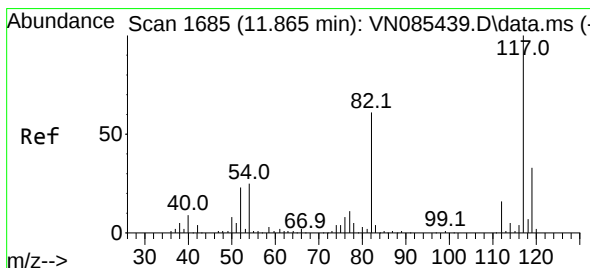
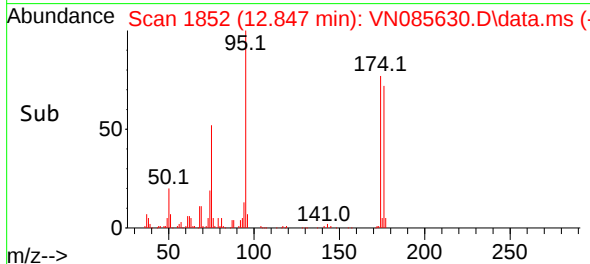
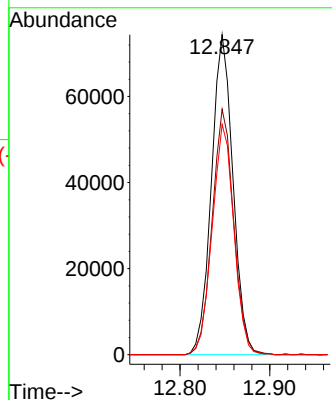
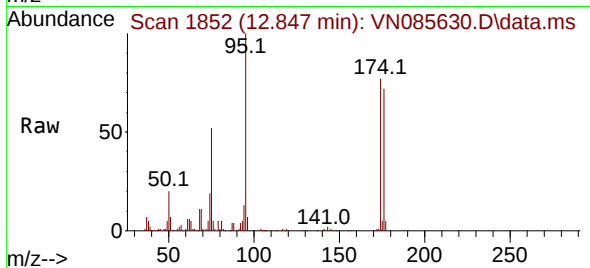




#62
4-Bromofluorobenzene
Concen: 42.157 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085630.D
Acq: 03 Feb 2025 18:25

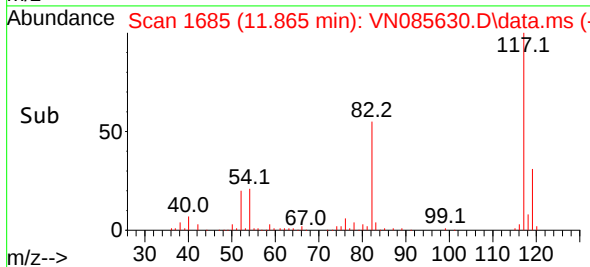
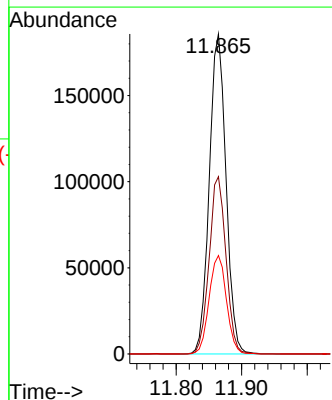
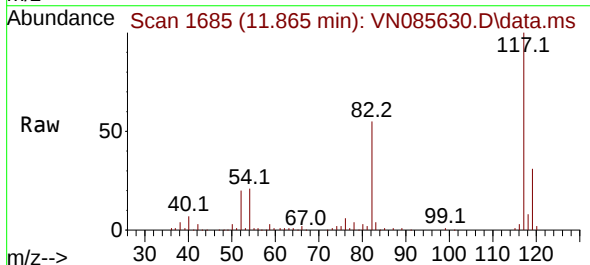
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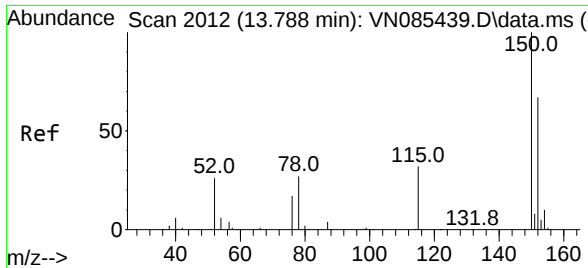
Tgt Ion: 95 Resp: 123889
Ion Ratio Lower Upper
95 100
174 76.9 0.0 145.0
176 72.4 0.0 142.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN085630.D
Acq: 03 Feb 2025 18:25

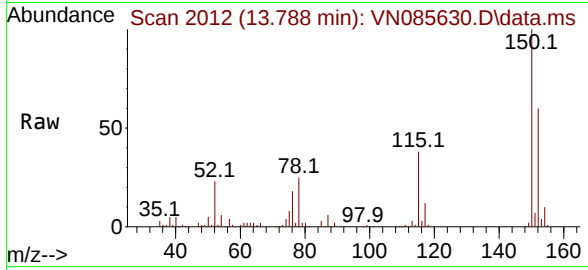
Tgt Ion: 117 Resp: 329832
Ion Ratio Lower Upper
117 100
82 55.4 48.6 72.8
119 30.7 26.6 39.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN085630.D
 Acq: 03 Feb 2025 18:25

Instrument :
 MSVOA_N
 ClientSampleId :
 PB166424ZHE#09



Tgt Ion:	152	Resp:	111815
Ion	Ratio	Lower	Upper
152	100		
115	60.8	31.1	93.3
150	158.2	0.0	343.6

