

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020725\
 Data File : VN085702.D
 Acq On : 07 Feb 2025 17:29
 Operator : JC\MD
 Sample : PB166592ZHE#04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB166592ZHE#04

Quant Time: Feb 07 22:34:07 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)

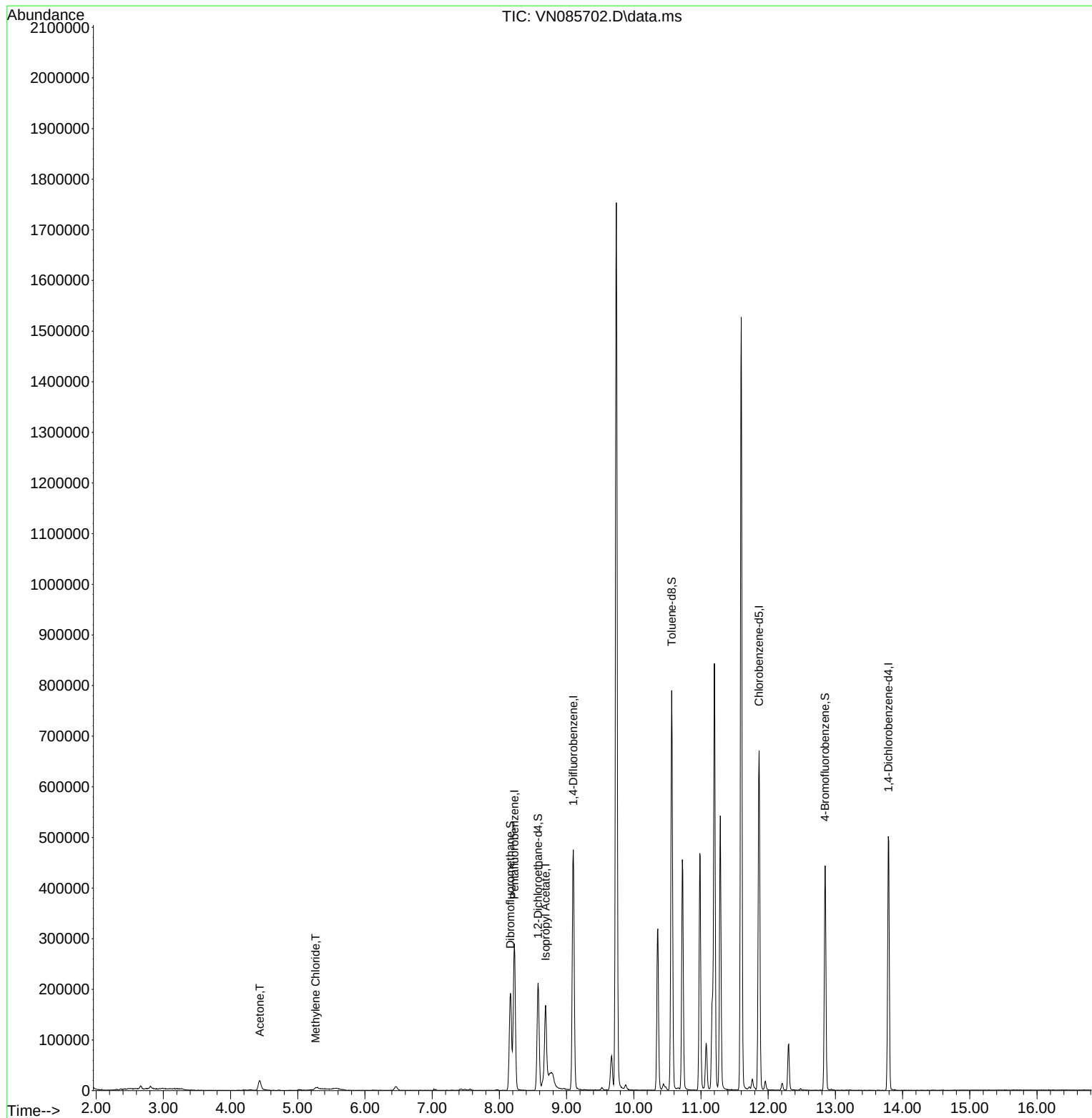
Internal Standards						
1) Pentafluorobenzene	8.224	168	202082	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	406001	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	386439	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	135463	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	173886	53.306	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	106.620%	
35) Dibromofluoromethane	8.165	113	140557	49.902	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	99.800%	
50) Toluene-d8	10.565	98	531021	53.062	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	106.120%	
62) 4-Bromofluorobenzene	12.847	95	151174	44.160	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	88.320%	
Target Compounds						
						Qvalue
16) Acetone	4.436	43	36979	35.085	ug/l	97
20) Methylene Chloride	5.265	84	3303	1.266	ug/l #	70
43) Isopropyl Acetate	8.688	43	197777	30.934	ug/l #	87

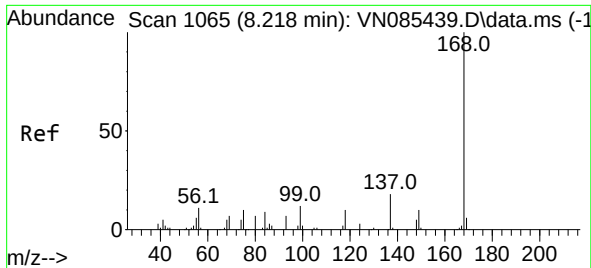
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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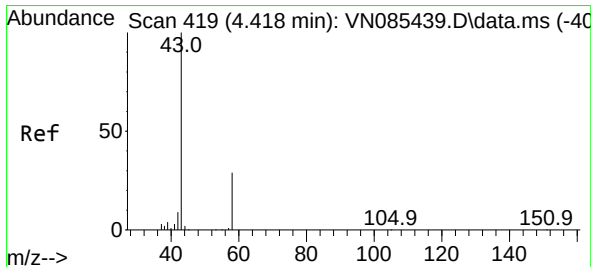
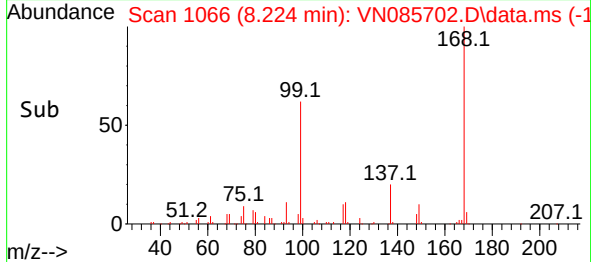
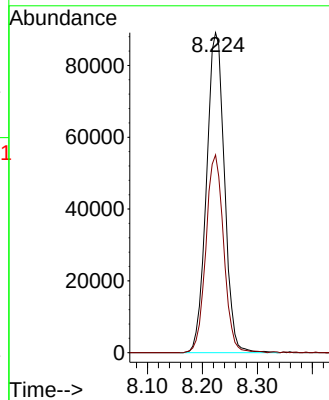
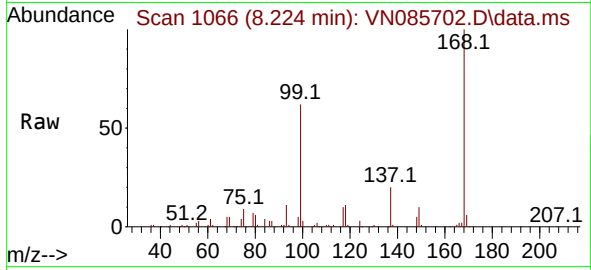




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085702.D
Acq: 07 Feb 2025 17:29

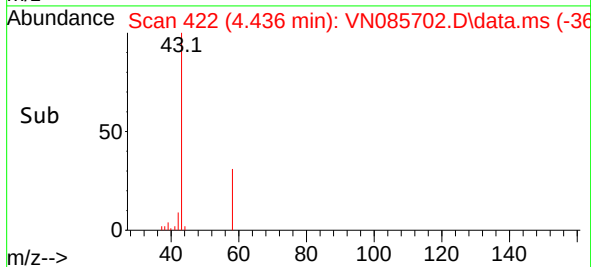
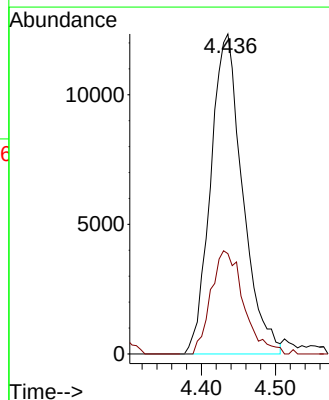
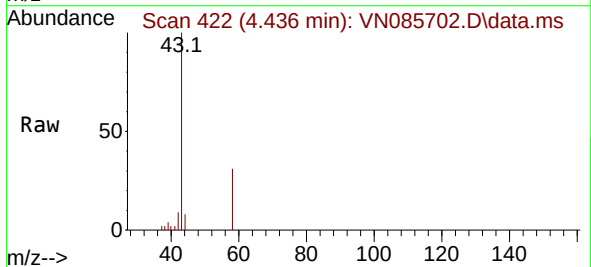
Instrument :
MSVOA_N
ClientSampleId :
PB166592ZHE#04

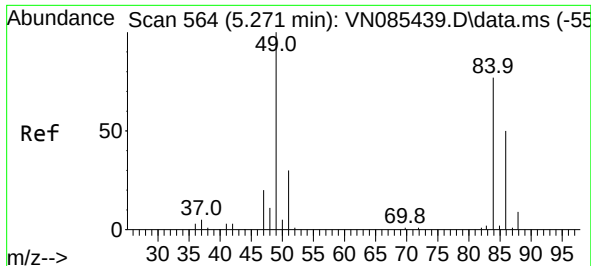
Tgt Ion:168 Resp: 202082
Ion Ratio Lower Upper
168 100
99 61.8 53.6 80.4



#16
Acetone
Concen: 35.085 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.018 min
Lab File: VN085702.D
Acq: 07 Feb 2025 17:29

Tgt Ion: 43 Resp: 36979
Ion Ratio Lower Upper
43 100
58 31.4 23.8 35.6



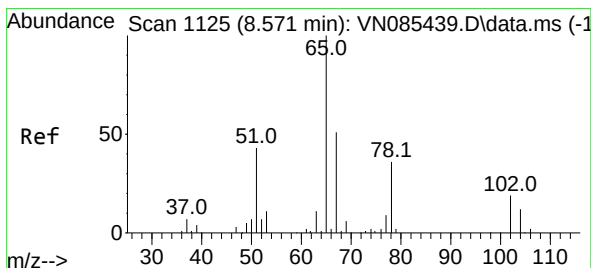
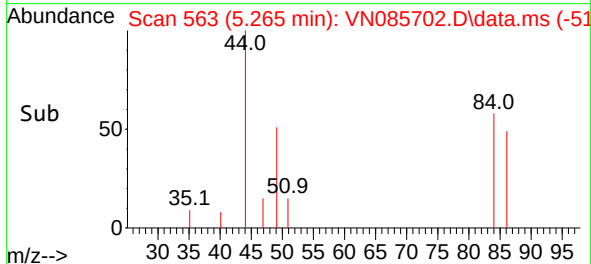
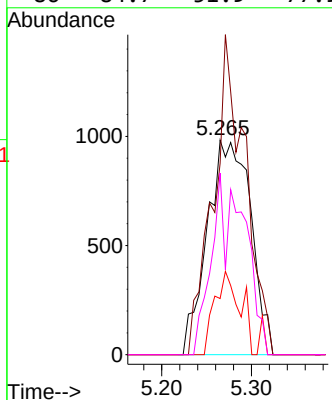
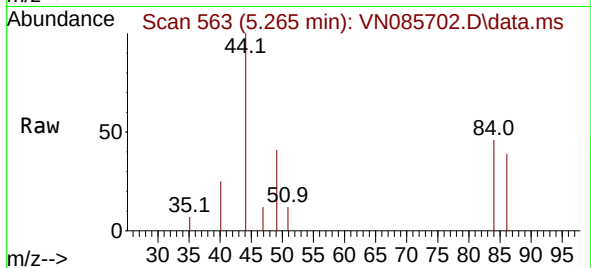


#20
Methylene Chloride
Concen: 1.266 ug/l
RT: 5.265 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN085702.D
Acq: 07 Feb 2025 17:29

Instrument :
MSVOA_N
ClientSampleId :
PB166592ZHE#04

Tgt Ion: 84 Resp: 3303

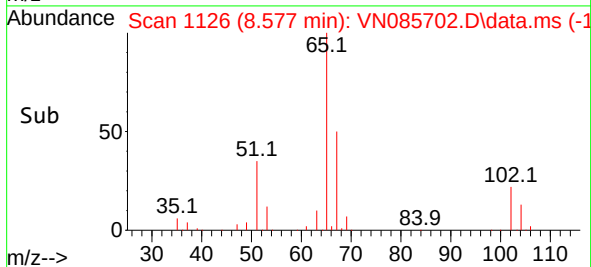
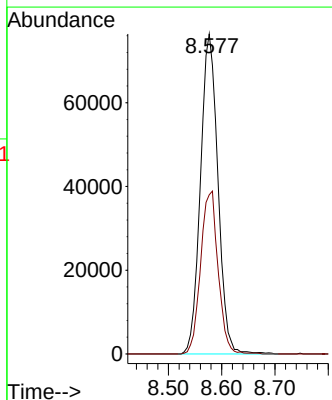
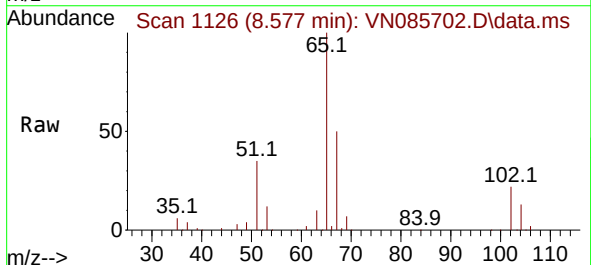
Ion	Ratio	Lower	Upper
84	100		
49	89.3	104.1	156.1#
51	26.2	31.0	46.4#
86	84.7	51.9	77.9#

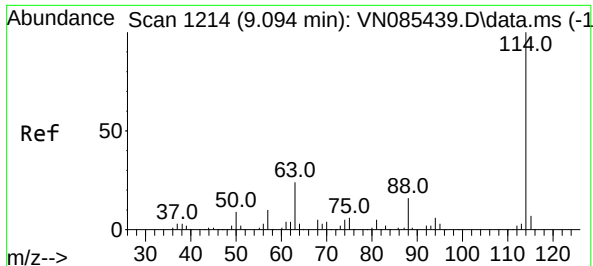


#33
1,2-Dichloroethane-d4
Concen: 53.306 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085702.D
Acq: 07 Feb 2025 17:29

Tgt Ion: 65 Resp: 173886

Ion	Ratio	Lower	Upper
65	100		
67	50.8	0.0	101.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 114

Delta R.T. 0.006 min

Lab File: VN085702.D

Acq: 07 Feb 2025 17:29

Instrument :

MSVOA_N

ClientSampleId :

PB166592ZHE#04

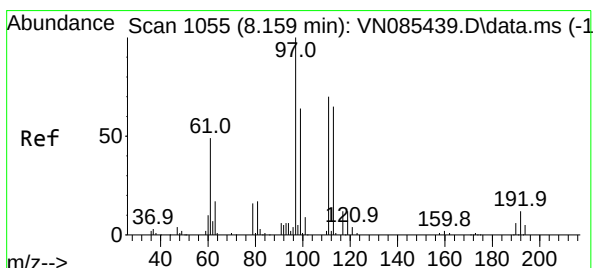
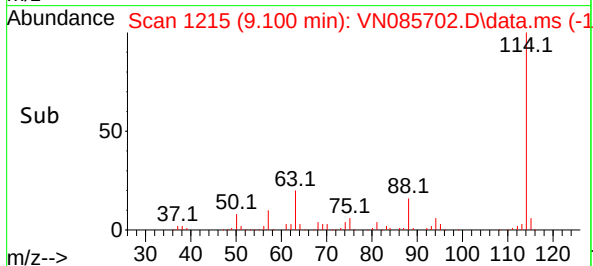
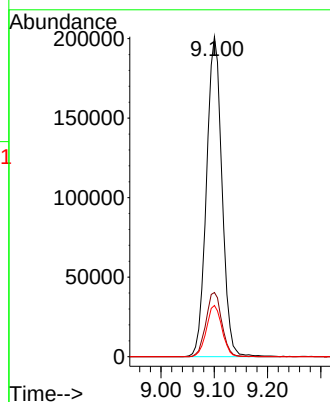
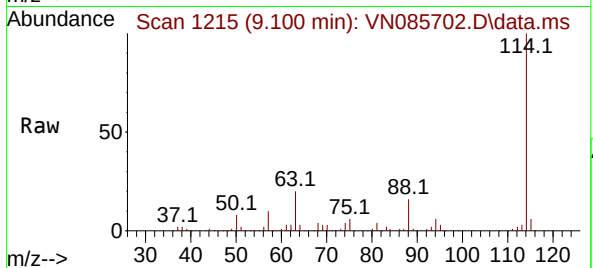
Tgt Ion:114 Resp: 406001

Ion Ratio Lower Upper

114 100

63 20.1 0.0 47.6

88 16.0 0.0 32.6



#35

Dibromofluoromethane

Concen: 49.902 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085702.D

Acq: 07 Feb 2025 17:29

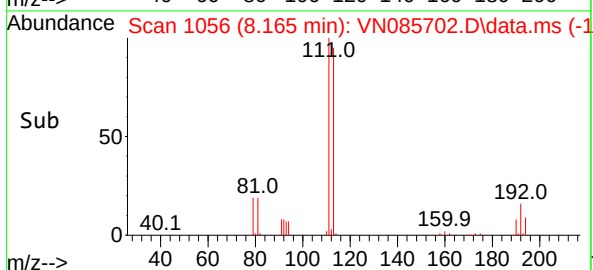
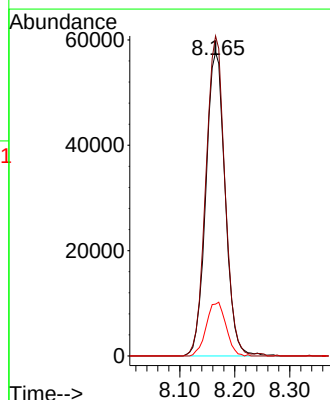
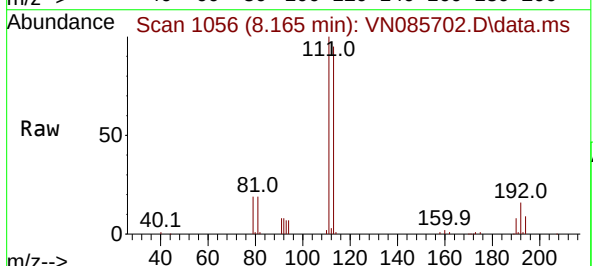
Tgt Ion:113 Resp: 140557

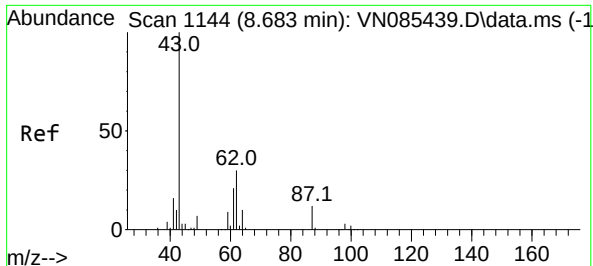
Ion Ratio Lower Upper

113 100

111 104.0 82.7 124.1

192 18.0 14.3 21.5

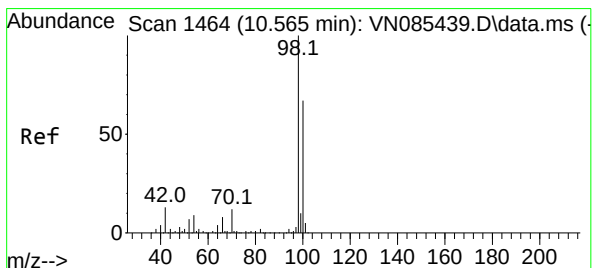
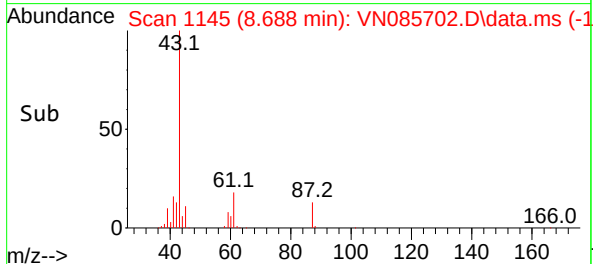
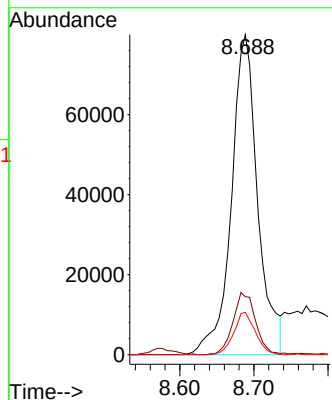
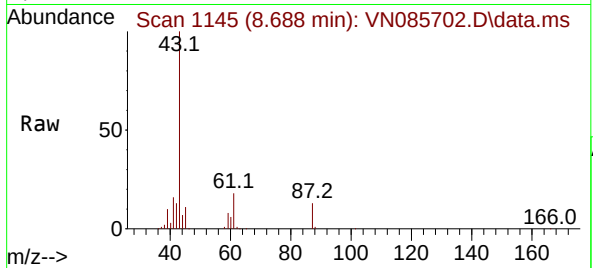




#43
Isopropyl Acetate
Concen: 30.934 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VN085702.D
Acq: 07 Feb 2025 17:29

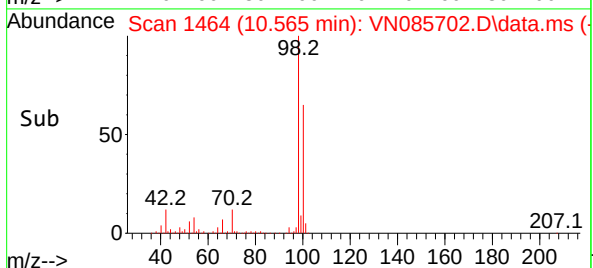
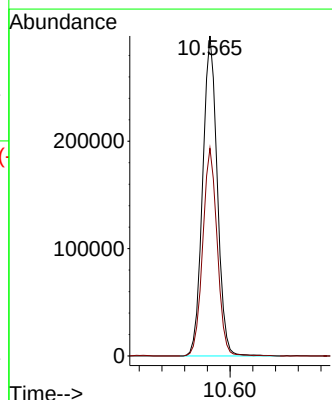
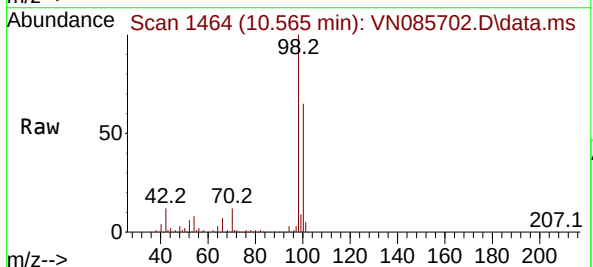
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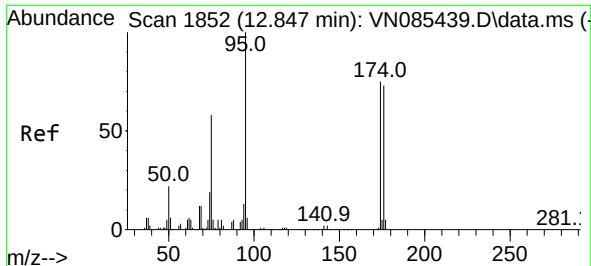
Tgt Ion: 43 Resp: 197777
Ion Ratio Lower Upper
43 100
61 16.8 20.7 31.1#
87 10.8 9.8 14.8



#50
Toluene-d8
Concen: 53.062 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085702.D
Acq: 07 Feb 2025 17:29

Tgt Ion: 98 Resp: 531021
Ion Ratio Lower Upper
98 100
100 64.2 52.2 78.4

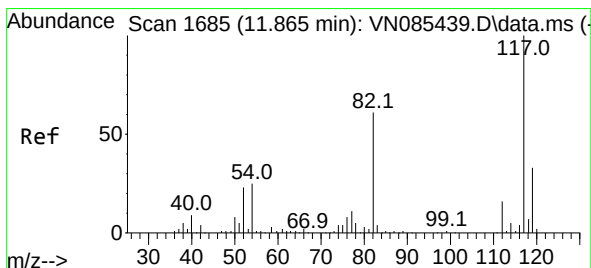
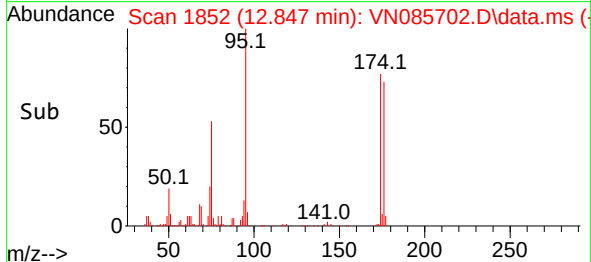
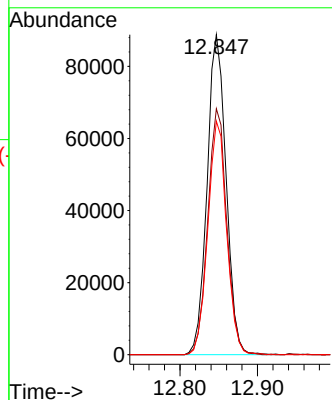
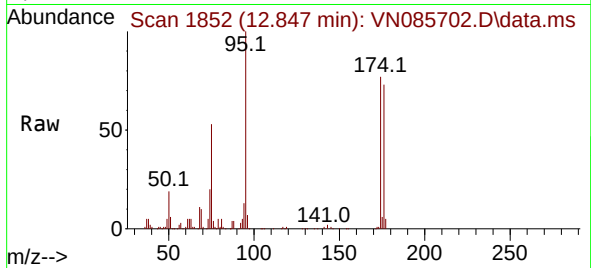




#62
4-Bromofluorobenzene
Concen: 44.160 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085702.D
Acq: 07 Feb 2025 17:29

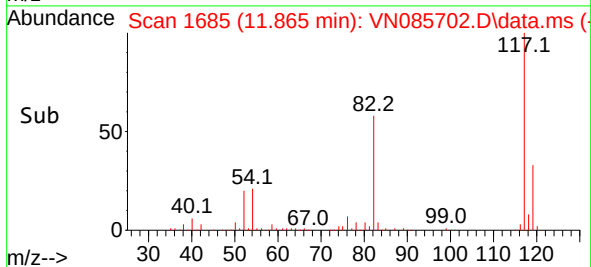
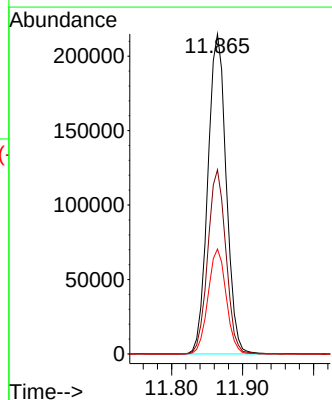
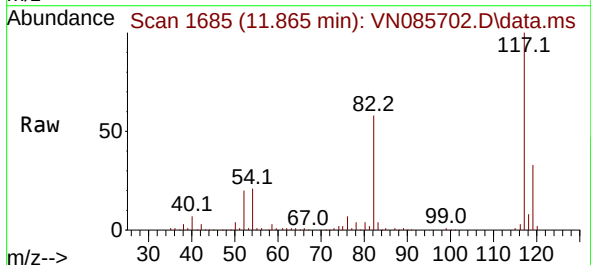
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MSVOA_N
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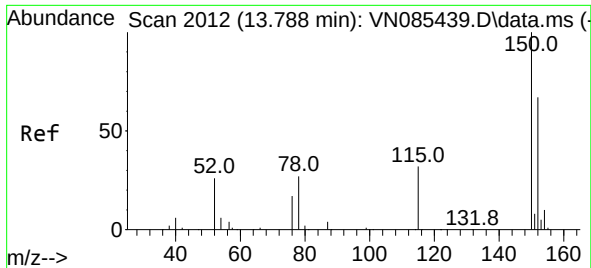
Tgt Ion: 95 Resp: 151174
Ion Ratio Lower Upper
95 100
174 77.0 0.0 145.0
176 72.2 0.0 142.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN085702.D
Acq: 07 Feb 2025 17:29

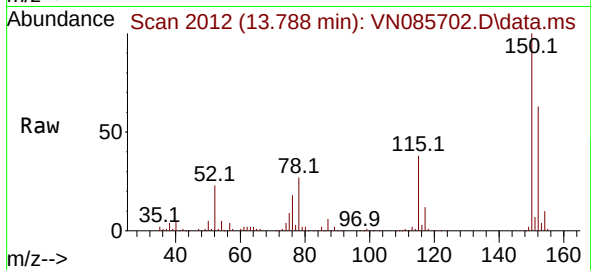
Tgt Ion: 117 Resp: 386439
Ion Ratio Lower Upper
117 100
82 57.6 48.6 72.8
119 32.8 26.6 39.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN085702.D
 Acq: 07 Feb 2025 17:29

Instrument :
 MSVOA_N
 ClientSampleId :
 PB166592ZHE#04



Tgt Ion:152 Resp: 135463
 Ion Ratio Lower Upper
 152 100
 115 61.8 31.1 93.3
 150 159.3 0.0 343.6

