

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020325\
 Data File : VN085624.D
 Acq On : 03 Feb 2025 16:00
 Operator : JC\MD
 Sample : PB166424ZHE#03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB166424ZHE#03

Quant Time: Feb 04 00:59:02 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)

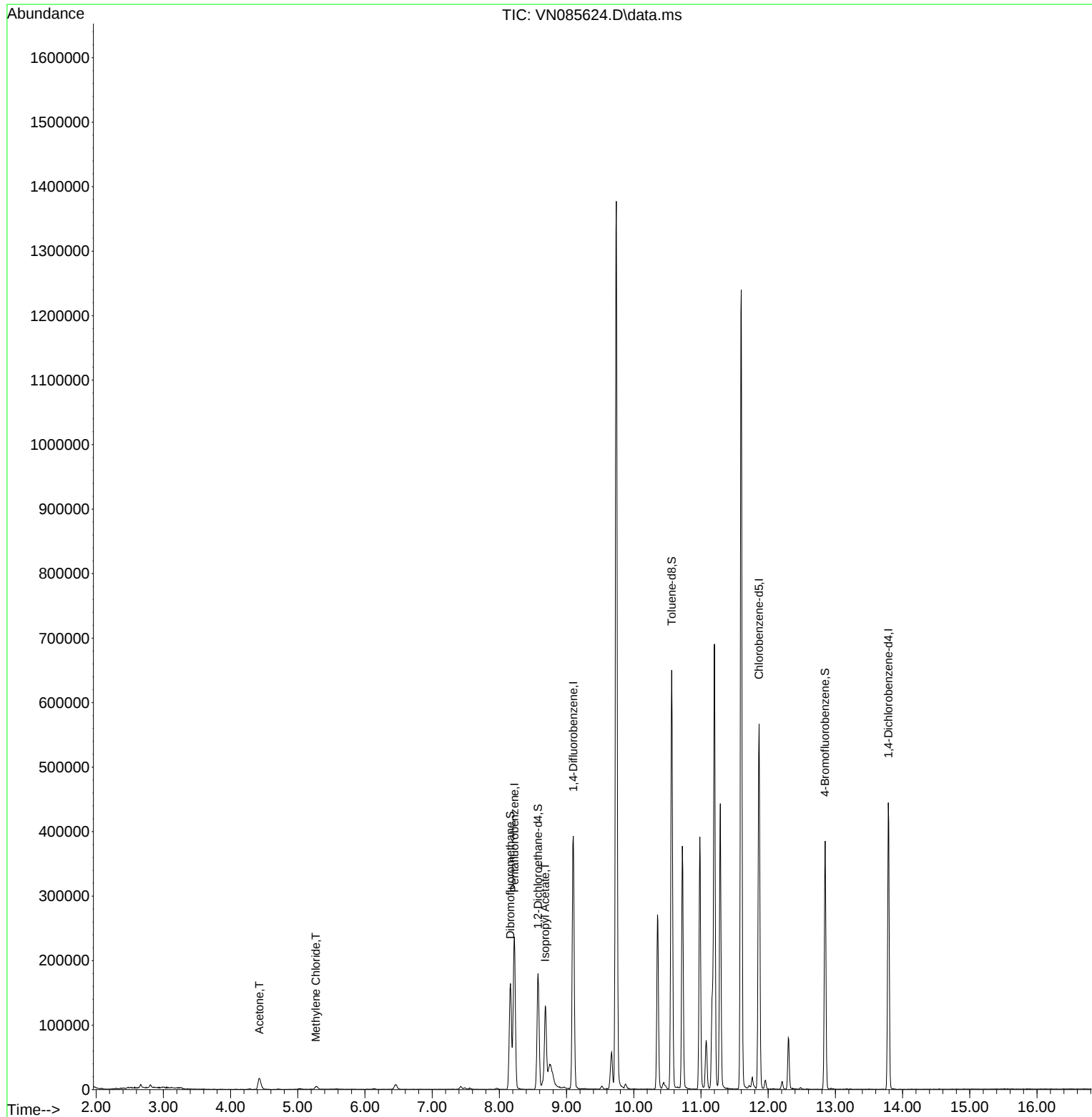
Internal Standards						
1) Pentafluorobenzene	8.224	168	165847	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	341580	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	322934	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	115512	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	143006	53.418	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 106.840%		
35) Dibromofluoromethane	8.165	113	120069	50.668	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 101.340%		
50) Toluene-d8	10.565	98	446904	53.079	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 106.160%		
62) 4-Bromofluorobenzene	12.847	95	123090	42.738	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 85.480%		
Target Compounds						
						Qvalue
16) Acetone	4.430	43	33749	39.016	ug/l #	85
20) Methylene Chloride	5.271	84	3696	1.726	ug/l #	74
43) Isopropyl Acetate	8.683	43	147932	27.501	ug/l #	89

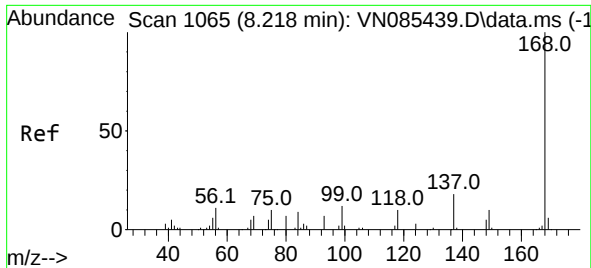
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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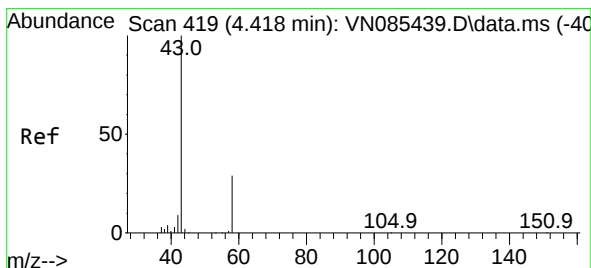
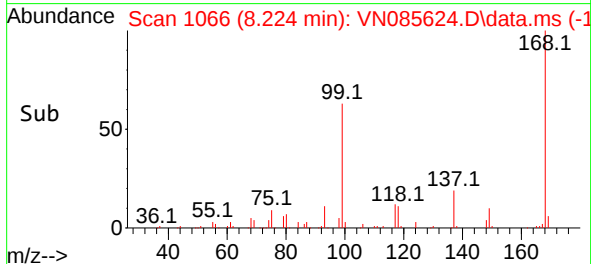
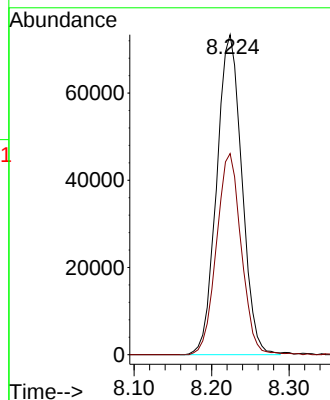
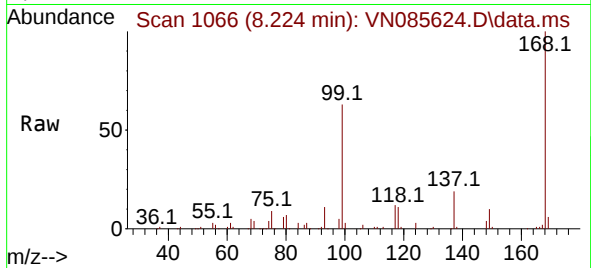




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085624.D
Acq: 03 Feb 2025 16:00

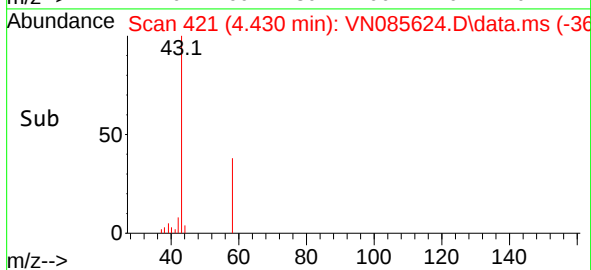
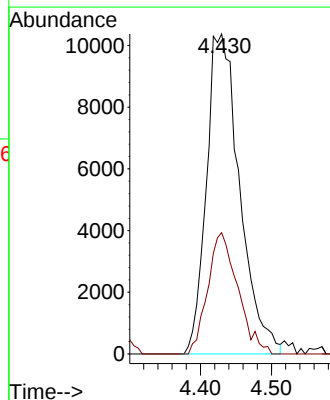
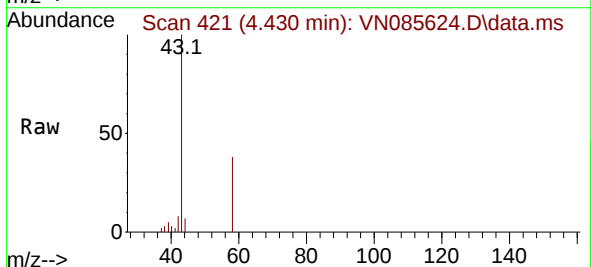
Instrument :
MSVOA_N
ClientSampleId :
PB166424ZHE#03

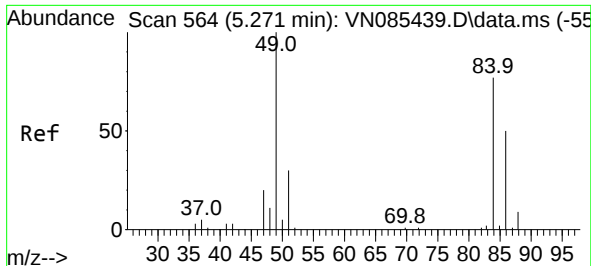
Tgt Ion:168 Resp: 165847
Ion Ratio Lower Upper
168 100
99 62.9 53.6 80.4



#16
Acetone
Concen: 39.016 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN085624.D
Acq: 03 Feb 2025 16:00

Tgt Ion: 43 Resp: 33749
Ion Ratio Lower Upper
43 100
58 37.9 23.8 35.6#

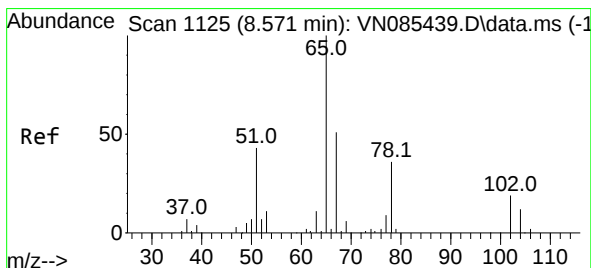
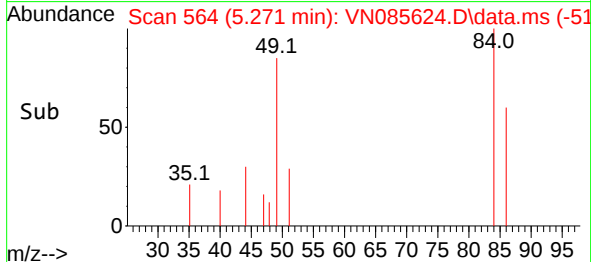
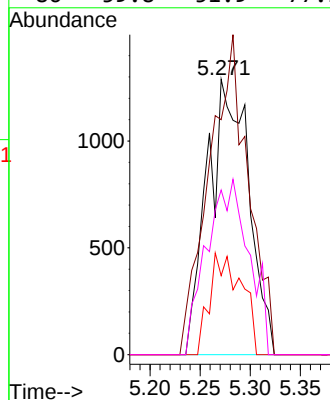
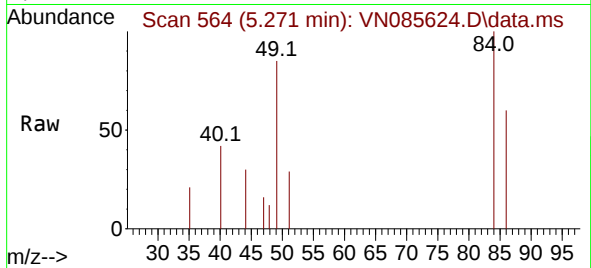




#20
Methylene Chloride
Concen: 1.726 ug/l
RT: 5.271 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN085624.D
Acq: 03 Feb 2025 16:00

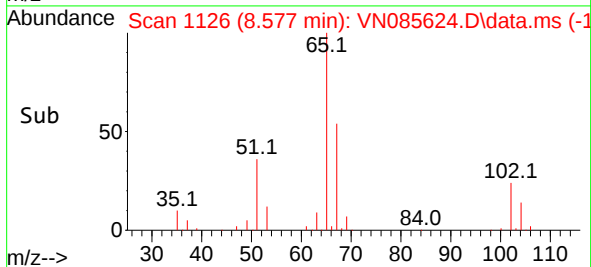
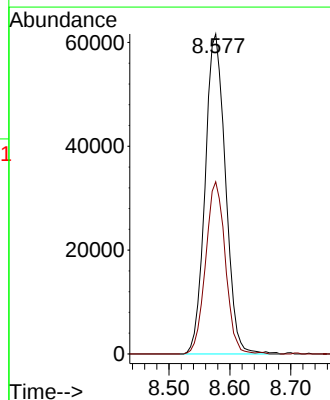
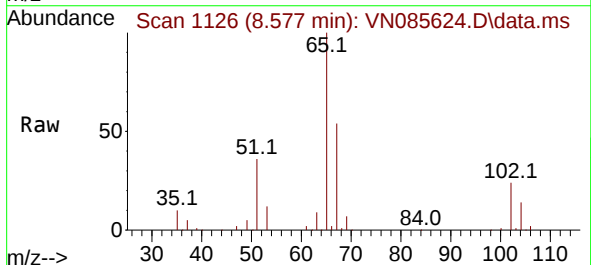
Instrument :
MSVOA_N
ClientSampleId :
PB166424ZHE#03

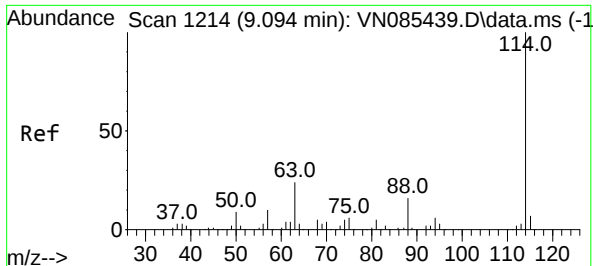
Tgt Ion:	84	Resp:	3696
Ion	Ratio	Lower	Upper
84	100		
49	85.3	104.1	156.1#
51	28.7	31.0	46.4#
86	59.8	51.9	77.9



#33
1,2-Dichloroethane-d4
Concen: 53.418 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085624.D
Acq: 03 Feb 2025 16:00

Tgt Ion:	65	Resp:	143006
Ion	Ratio	Lower	Upper
65	100		
67	52.0	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: VN085624.D

Acq: 03 Feb 2025 16:00

Instrument :

MSVOA_N

ClientSampleId :

PB166424ZHE#03

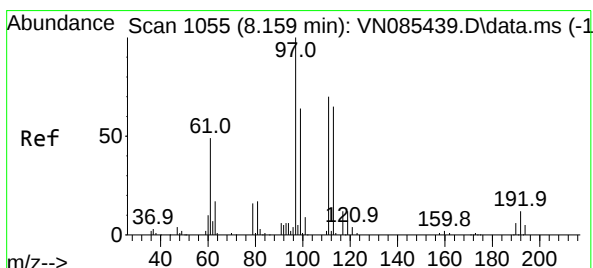
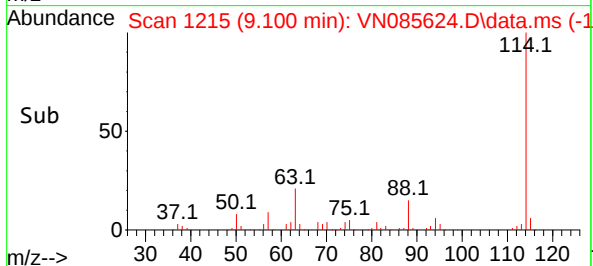
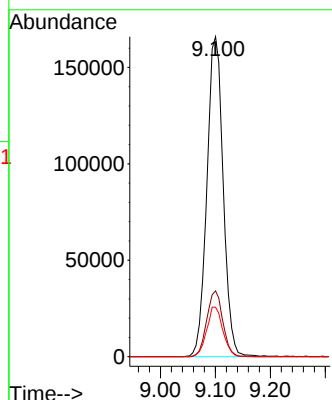
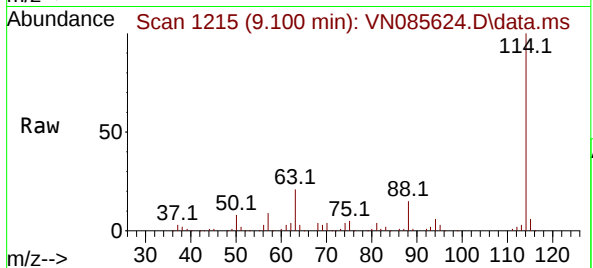
Tgt Ion:114 Resp: 341580

Ion Ratio Lower Upper

114 100

63 20.5 0.0 47.6

88 15.5 0.0 32.6



#35

Dibromofluoromethane

Concen: 50.668 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085624.D

Acq: 03 Feb 2025 16:00

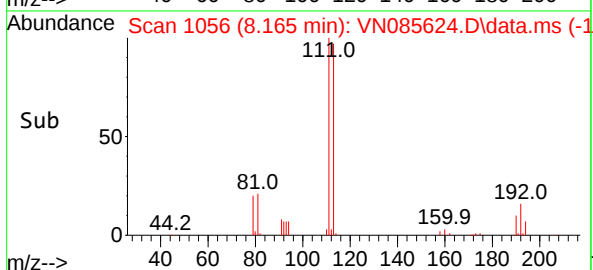
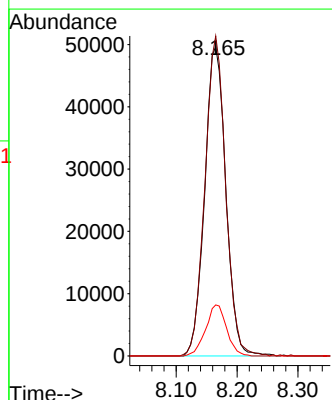
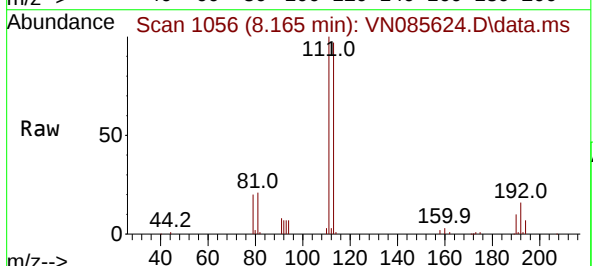
Tgt Ion:113 Resp: 120069

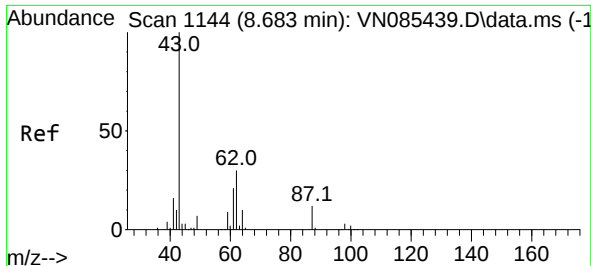
Ion Ratio Lower Upper

113 100

111 101.2 82.7 124.1

192 16.4 14.3 21.5

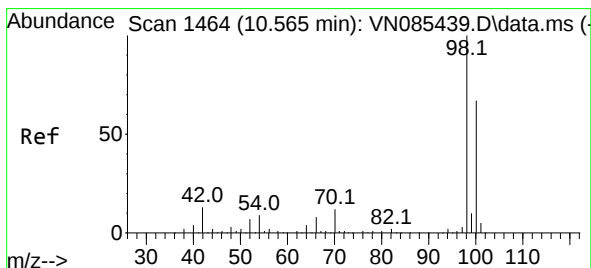
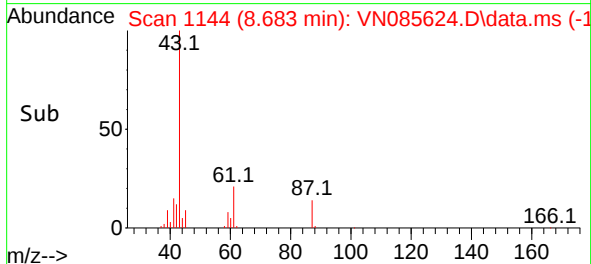
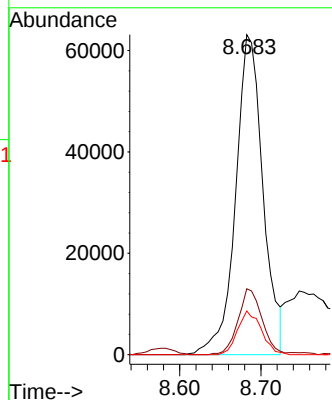
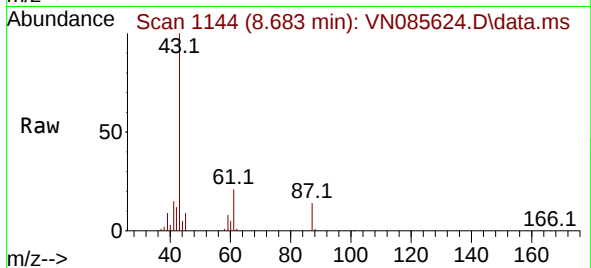




#43
Isopropyl Acetate
Concen: 27.501 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. 0.000 min
Lab File: VN085624.D
Acq: 03 Feb 2025 16:00

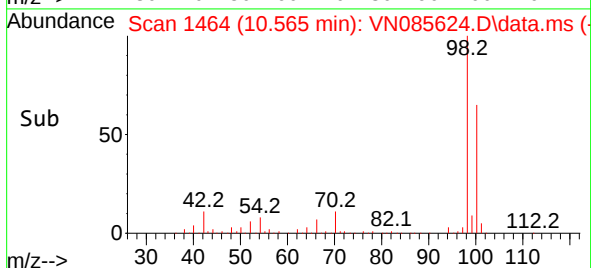
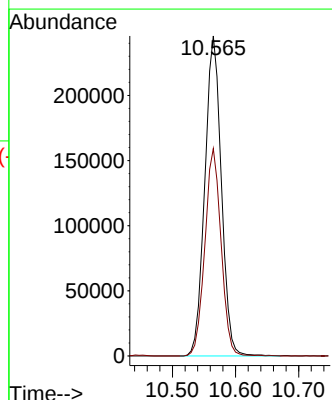
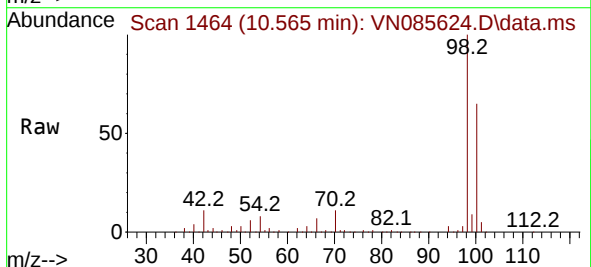
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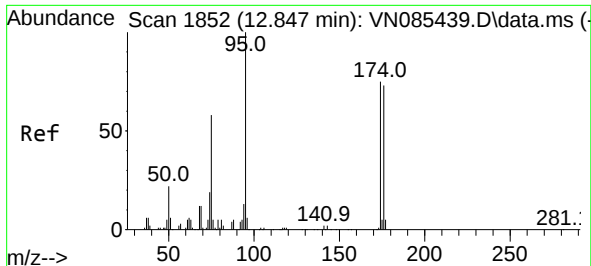
Tgt Ion: 43 Resp: 147932
Ion Ratio Lower Upper
43 100
61 18.0 20.7 31.1#
87 11.8 9.8 14.8



#50
Toluene-d8
Concen: 53.079 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN085624.D
Acq: 03 Feb 2025 16:00

Tgt Ion: 98 Resp: 446904
Ion Ratio Lower Upper
98 100
100 63.6 52.2 78.4

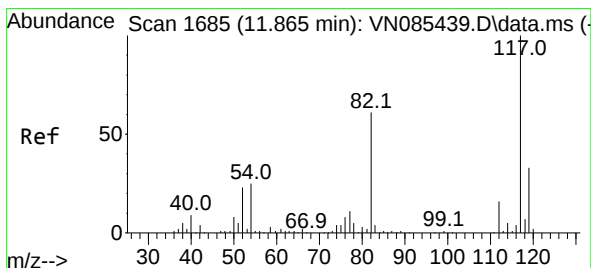
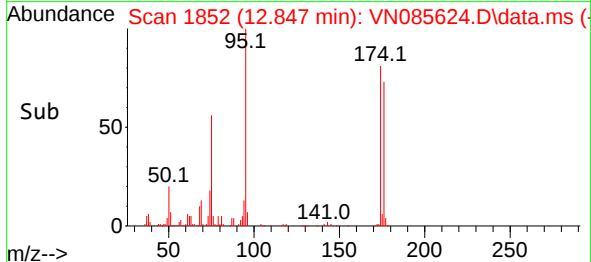
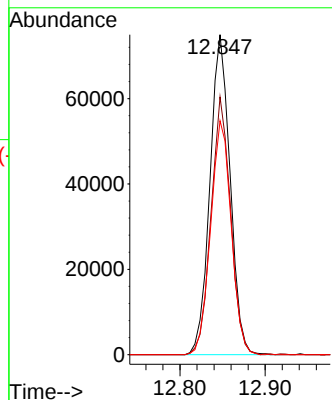
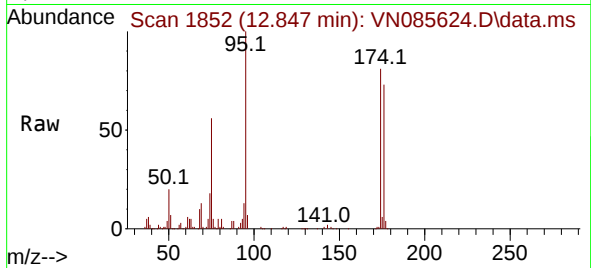




#62
4-Bromofluorobenzene
Concen: 42.738 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085624.D
Acq: 03 Feb 2025 16:00

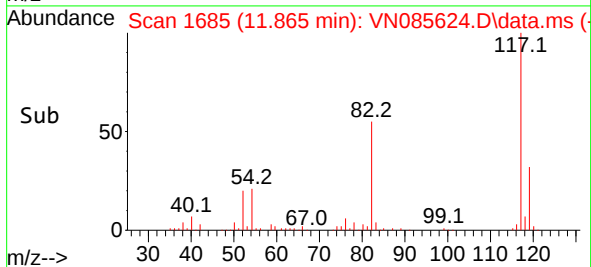
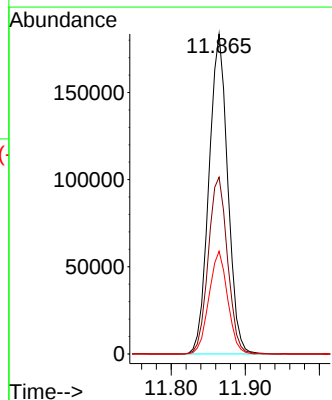
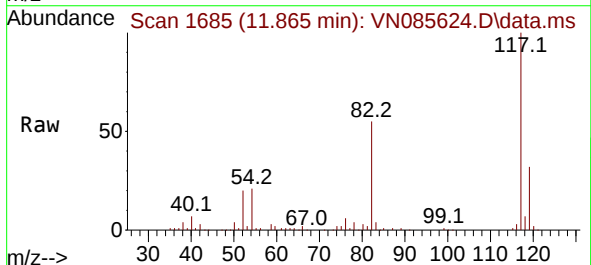
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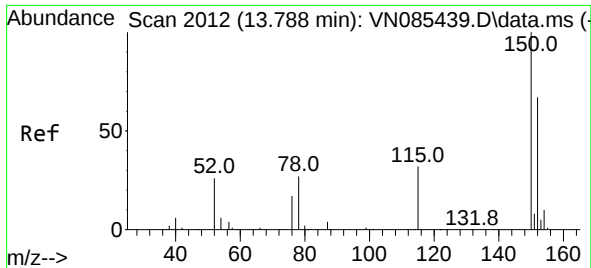
Tgt Ion: 95 Resp: 123090
Ion Ratio Lower Upper
95 100
174 78.2 0.0 145.0
176 74.6 0.0 142.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN085624.D
Acq: 03 Feb 2025 16:00

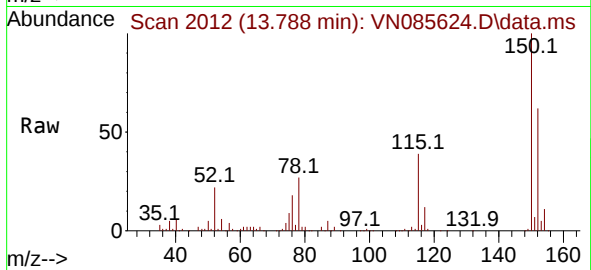
Tgt Ion: 117 Resp: 322934
Ion Ratio Lower Upper
117 100
82 55.3 48.6 72.8
119 32.1 26.6 39.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN085624.D
 Acq: 03 Feb 2025 16:00

Instrument :
 MSVOA_N
 ClientSampleId :
 PB166424ZHE#03



Tgt Ion:152 Resp: 115512
 Ion Ratio Lower Upper
 152 100
 115 61.5 31.1 93.3
 150 160.3 0.0 343.6

