

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020325\
 Data File : VN085625.D
 Acq On : 03 Feb 2025 16:24
 Operator : JC\MD
 Sample : PB166424ZHE#04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB166424ZHE#04

Quant Time: Feb 04 00:59:12 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)

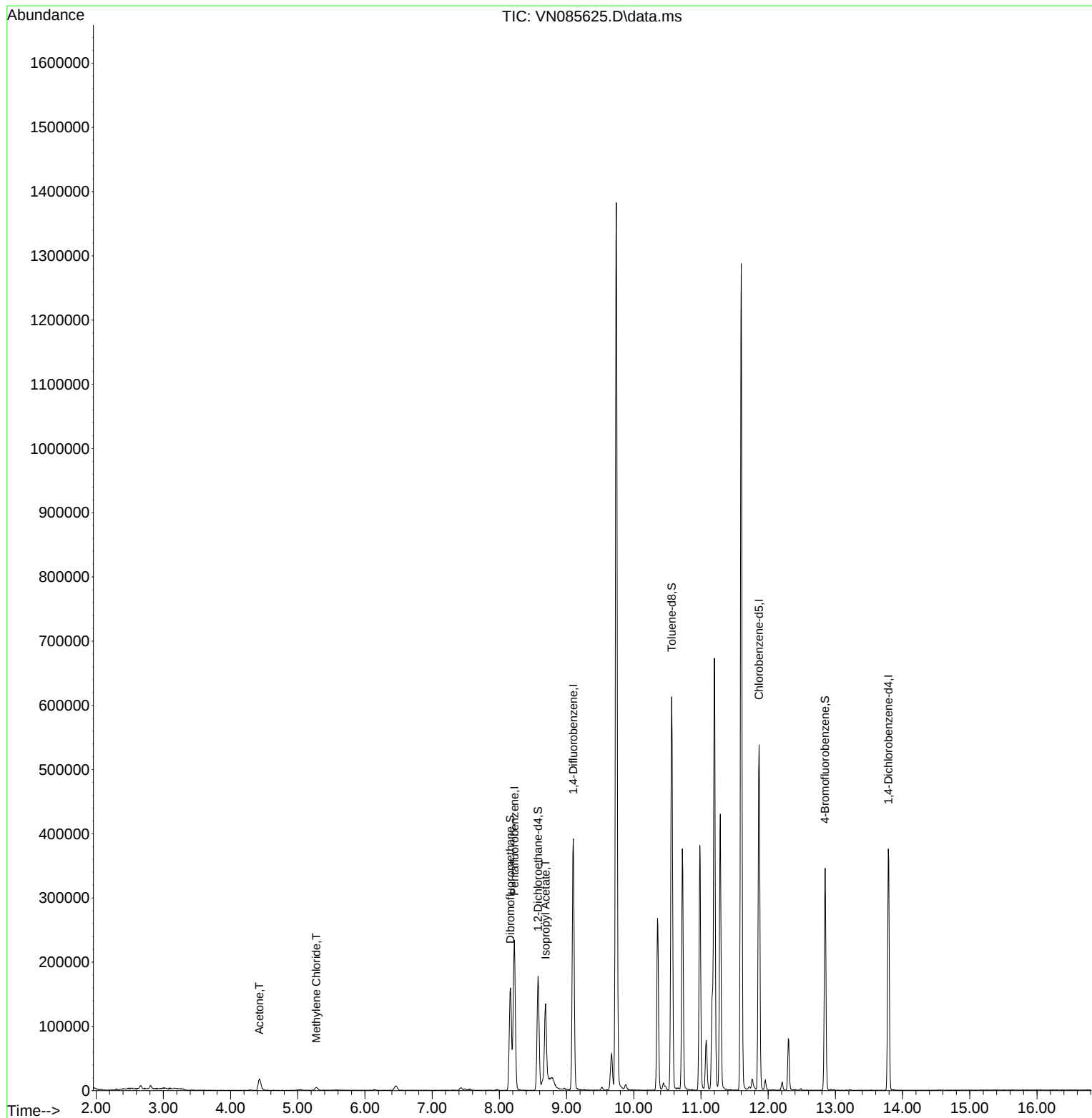
Internal Standards						
1) Pentafluorobenzene	8.224	168	158280	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	329451	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	305295	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	100525	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	139263	54.507	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 109.020%		
35) Dibromofluoromethane	8.165	113	115636	50.594	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 101.180%		
50) Toluene-d8	10.565	98	431145	53.093	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 106.180%		
62) 4-Bromofluorobenzene	12.847	95	113603	40.896	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 81.800%		
Target Compounds						
						Qvalue
16) Acetone	4.430	43	34319	41.572	ug/l	97
20) Methylene Chloride	5.277	84	3802	1.860	ug/l	96
43) Isopropyl Acetate	8.688	43	157525	30.363	ug/l #	88

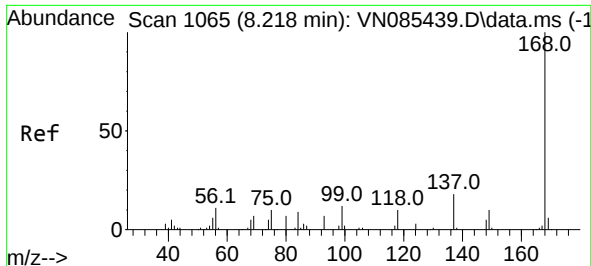
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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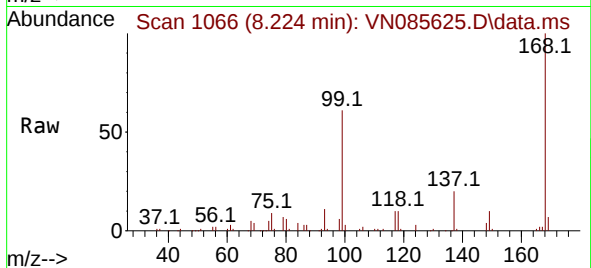
Quant Time: Feb 04 00:59:12 2025
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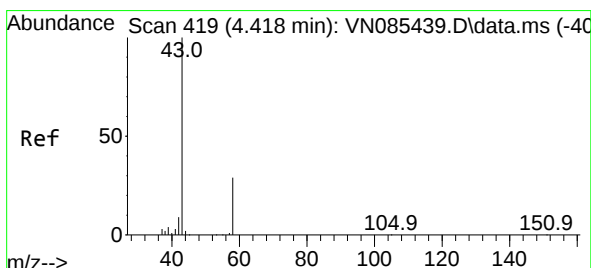
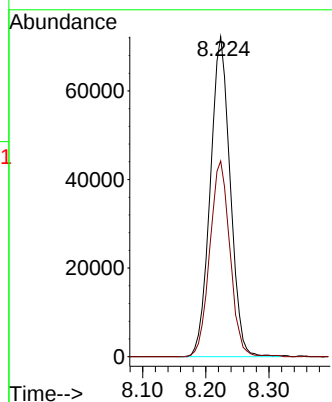
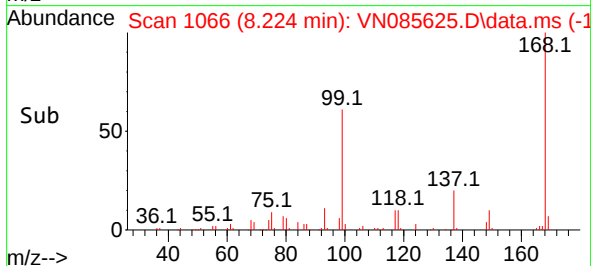


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085625.D
Acq: 03 Feb 2025 16:24

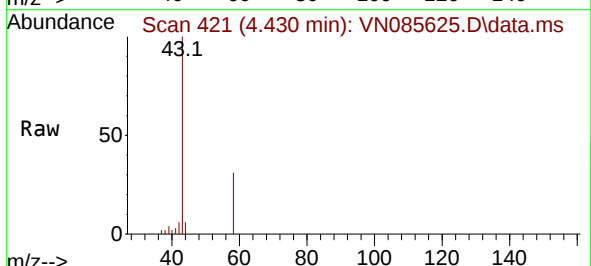
Instrument :
MSVOA_N
ClientSampleId :
PB166424ZHE#04



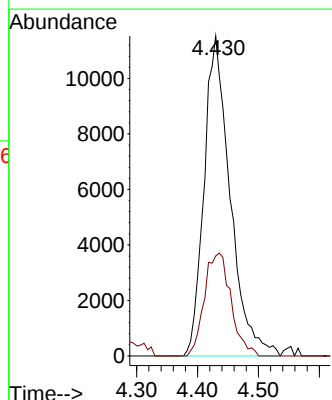
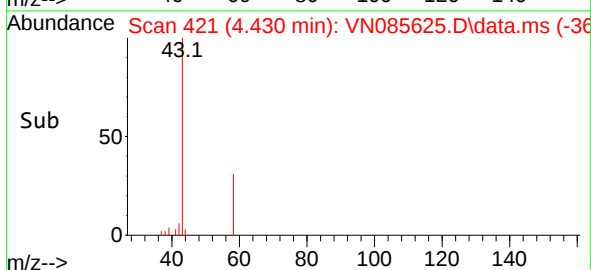
Tgt Ion:168 Resp: 158280
Ion Ratio Lower Upper
168 100
99 61.1 53.6 80.4

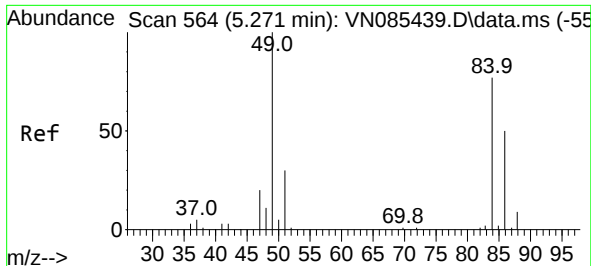


#16
Acetone
Concen: 41.572 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN085625.D
Acq: 03 Feb 2025 16:24



Tgt Ion: 43 Resp: 34319
Ion Ratio Lower Upper
43 100
58 31.2 23.8 35.6

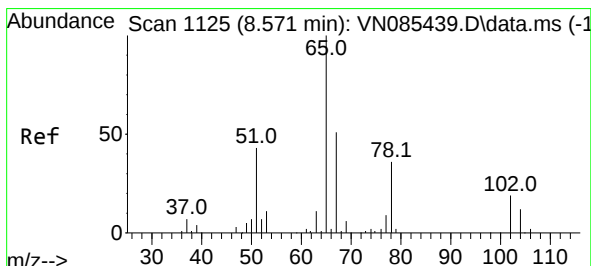
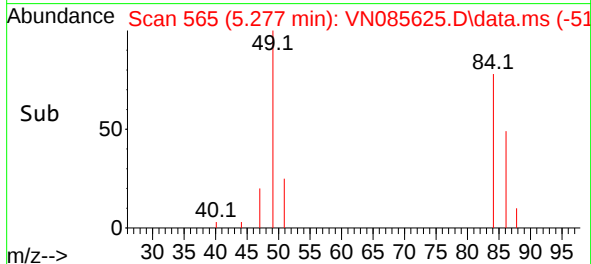
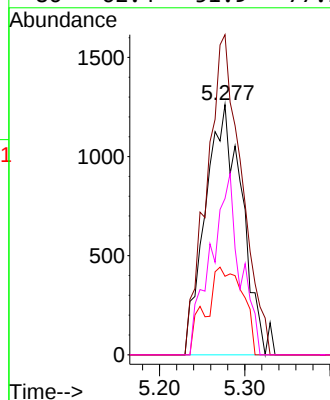
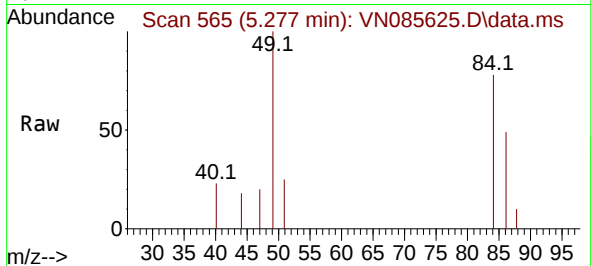




#20
Methylene Chloride
Concen: 1.860 ug/l
RT: 5.277 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN085625.D
Acq: 03 Feb 2025 16:24

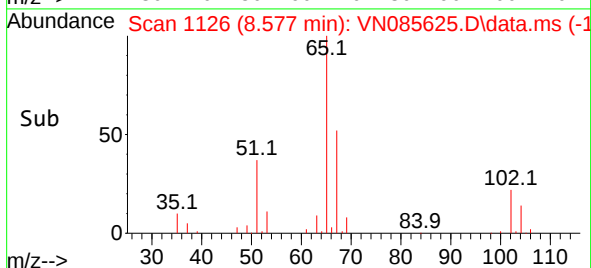
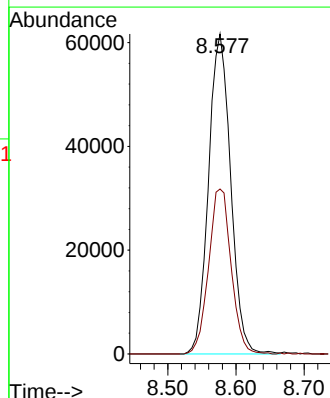
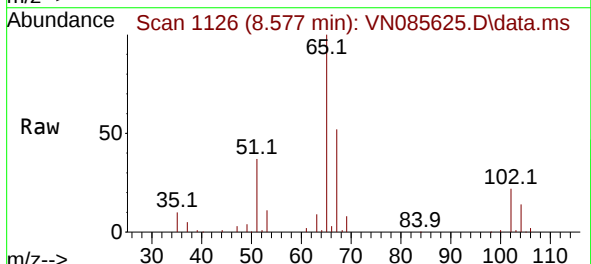
Instrument :
MSVOA_N
ClientSampleId :
PB166424ZHE#04

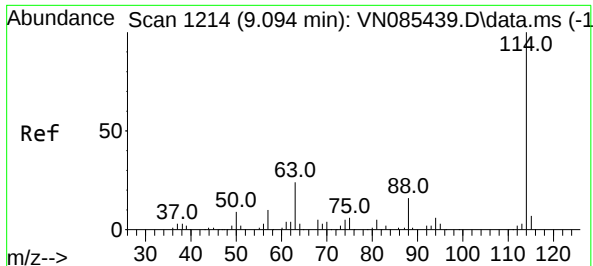
Tgt Ion:	84	Resp:	3802
Ion	Ratio	Lower	Upper
84	100		
49	128.0	104.1	156.1
51	31.4	31.0	46.4
86	62.4	51.9	77.9



#33
1,2-Dichloroethane-d4
Concen: 54.507 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085625.D
Acq: 03 Feb 2025 16:24

Tgt Ion:	65	Resp:	139263
Ion	Ratio	Lower	Upper
65	100		
67	52.5	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: VN085625.D

Acq: 03 Feb 2025 16:24

Instrument :

MSVOA_N

ClientSampleId :

PB166424ZHE#04

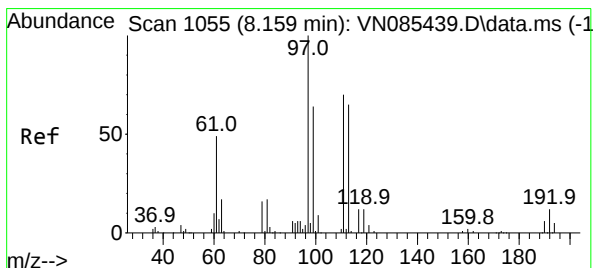
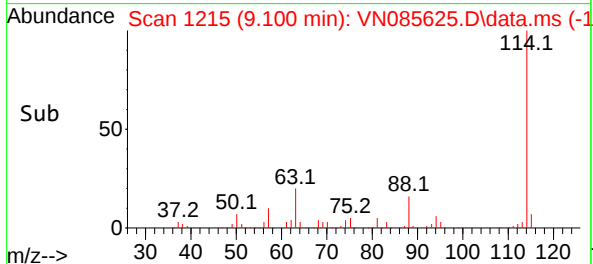
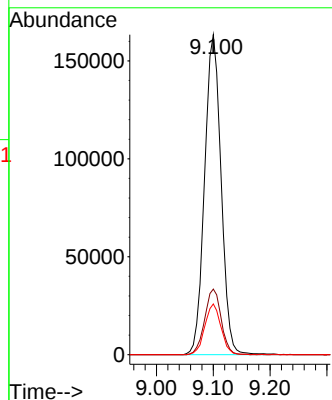
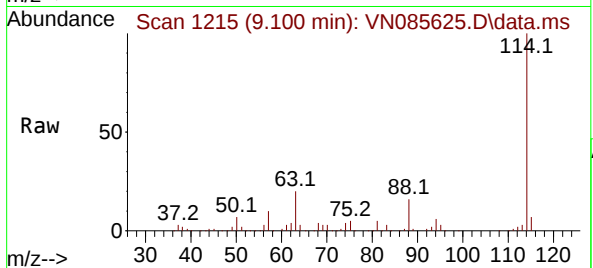
Tgt Ion:114 Resp: 329451

Ion Ratio Lower Upper

114 100

63 20.5 0.0 47.6

88 15.8 0.0 32.6



#35

Dibromofluoromethane

Concen: 50.594 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085625.D

Acq: 03 Feb 2025 16:24

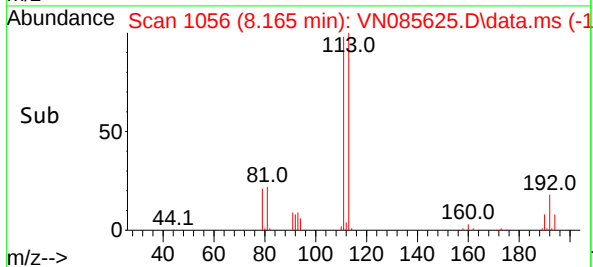
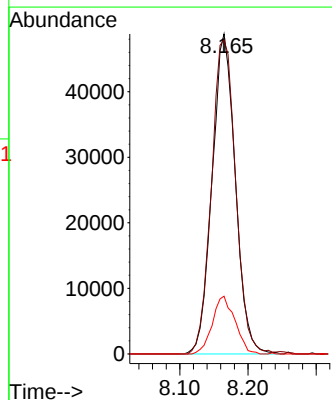
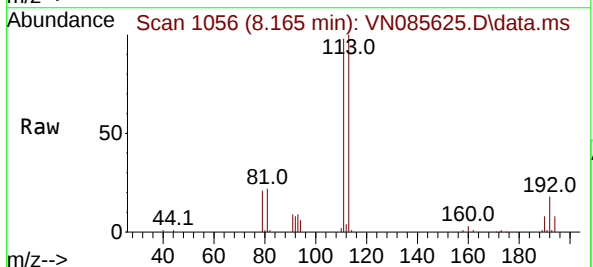
Tgt Ion:113 Resp: 115636

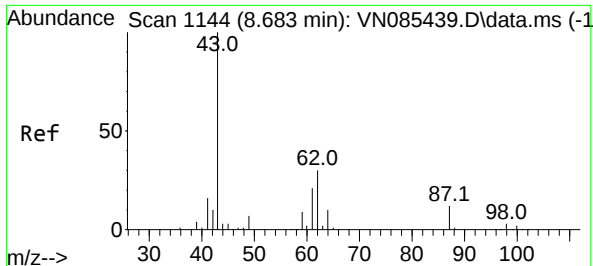
Ion Ratio Lower Upper

113 100

111 102.3 82.7 124.1

192 17.6 14.3 21.5

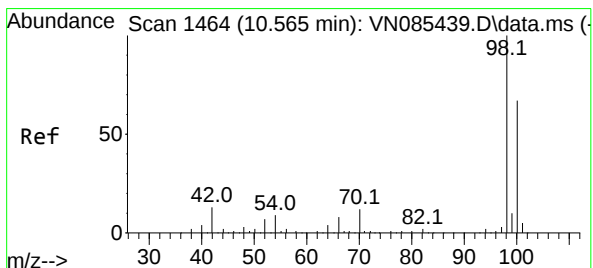
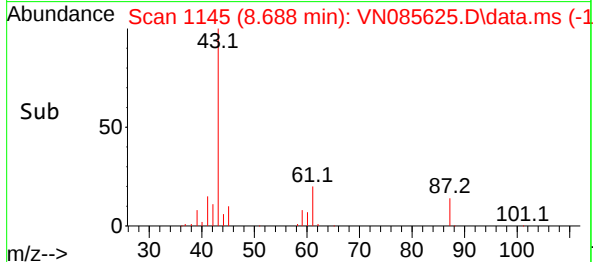
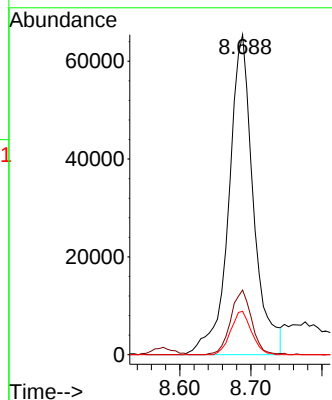
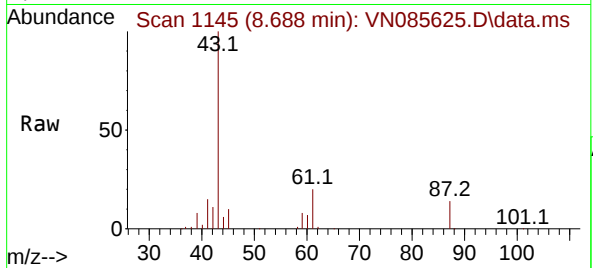




#43
Isopropyl Acetate
Concen: 30.363 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VN085625.D
Acq: 03 Feb 2025 16:24

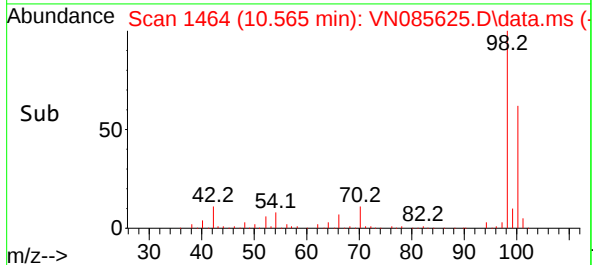
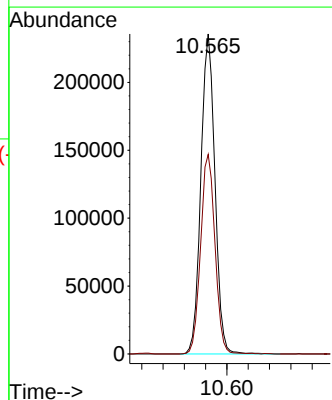
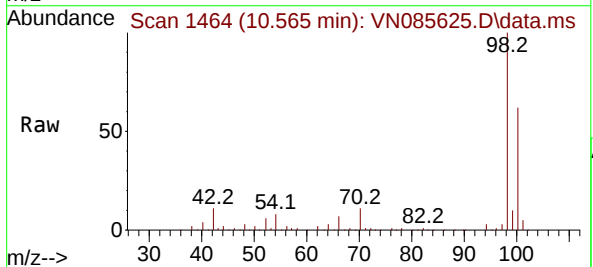
Instrument :
MSVOA_N
ClientSampleId :
PB166424ZHE#04

Tgt Ion: 43 Resp: 157525
Ion Ratio Lower Upper
43 100
61 17.2 20.7 31.1#
87 11.4 9.8 14.8



#50
Toluene-d8
Concen: 53.093 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085625.D
Acq: 03 Feb 2025 16:24

Tgt Ion: 98 Resp: 431145
Ion Ratio Lower Upper
98 100
100 63.6 52.2 78.4

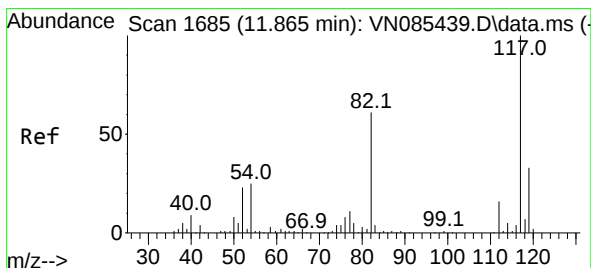
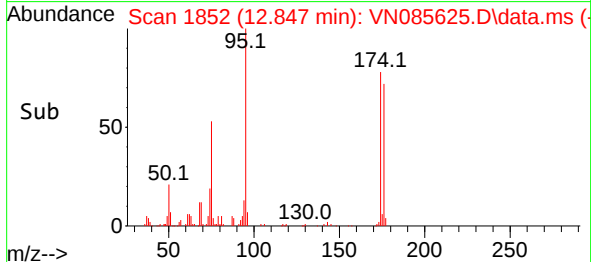
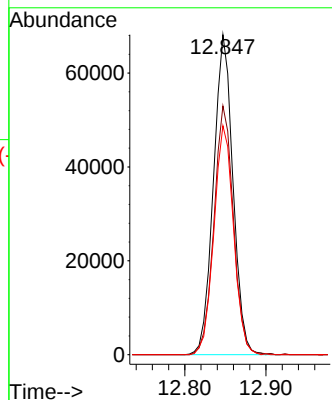
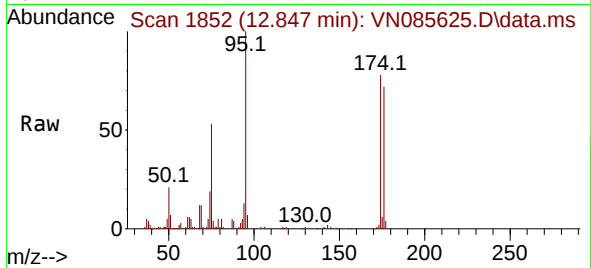




#62
4-Bromofluorobenzene
Concen: 40.896 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085625.D
Acq: 03 Feb 2025 16:24

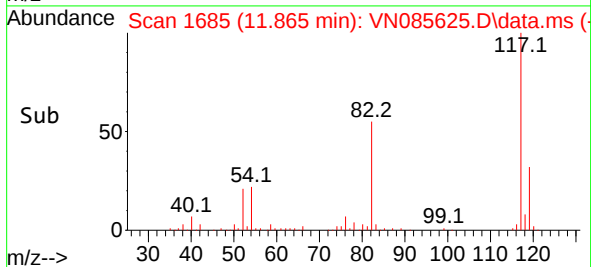
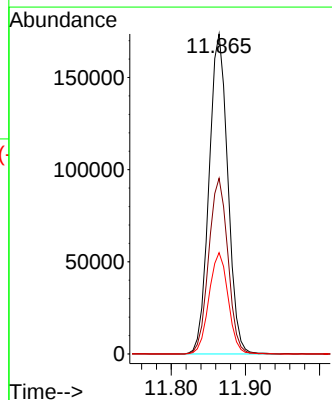
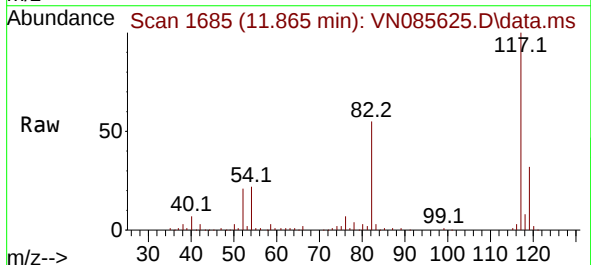
Instrument :
MSVOA_N
ClientSampleId :
PB166424ZHE#04

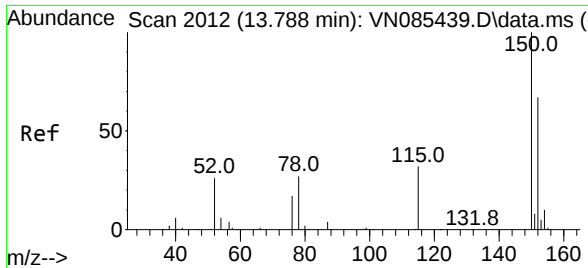
Tgt Ion: 95 Resp: 113603
Ion Ratio Lower Upper
95 100
174 77.7 0.0 145.0
176 72.3 0.0 142.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN085625.D
Acq: 03 Feb 2025 16:24

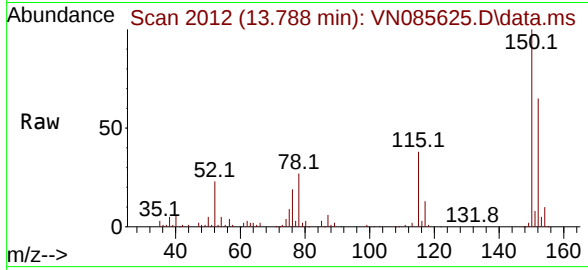
Tgt Ion: 117 Resp: 305295
Ion Ratio Lower Upper
117 100
82 54.9 48.6 72.8
119 31.7 26.6 39.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN085625.D
 Acq: 03 Feb 2025 16:24

Instrument :
 MSVOA_N
 ClientSampleId :
 PB166424ZHE#04



Tgt Ion:	152	Resp:	100525
Ion Ratio	Lower	Upper	
152	100		
115	60.3	31.1	93.3
150	156.0	0.0	343.6

