

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041825\
 Data File : VN086336.D
 Acq On : 18 Apr 2025 12:07
 Operator : JC\MD
 Sample : PB167623ZHE#01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167623ZHE#01

Quant Time: Apr 19 02:22:22 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 16 04:19:23 2025
 Response via : Initial Calibration

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

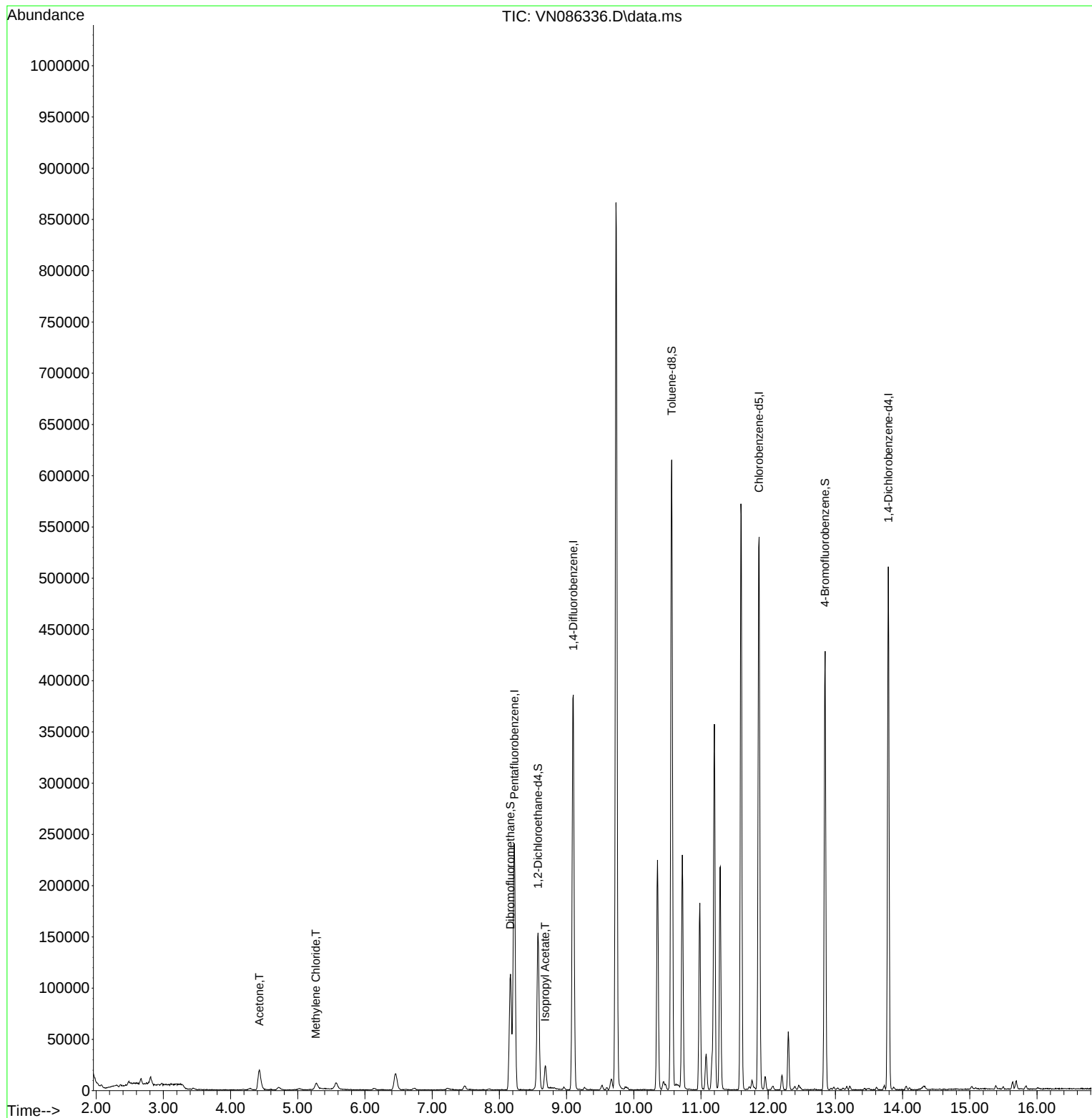
Internal Standards						
1) Pentafluorobenzene	8.224	168	180598	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	341778	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	317317	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	133766	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	129113	49.302	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.600%
35) Dibromofluoromethane	8.165	113	84927	53.540	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	107.080%
50) Toluene-d8	10.565	98	432881	51.062	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.120%
62) 4-Bromofluorobenzene	12.847	95	156254	50.533	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	101.060%
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	38950	38.182	ug/l	97
20) Methylene Chloride	5.271	84	4554	1.881	ug/l	94
43) Isopropyl Acetate	8.682	43	29011	3.039	ug/l #	90

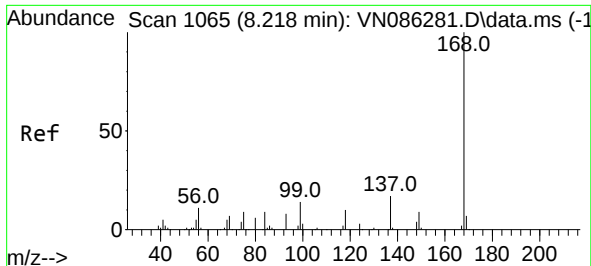
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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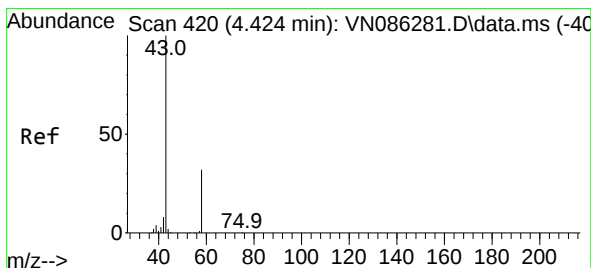
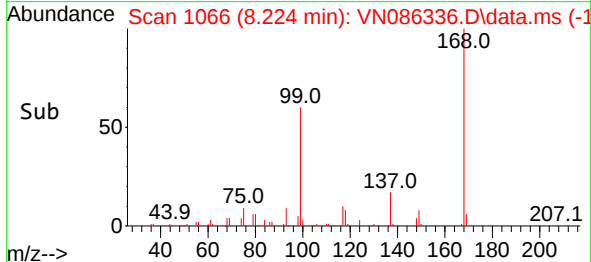
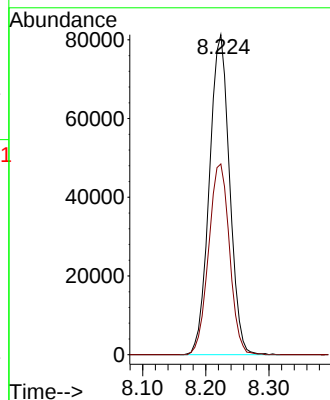
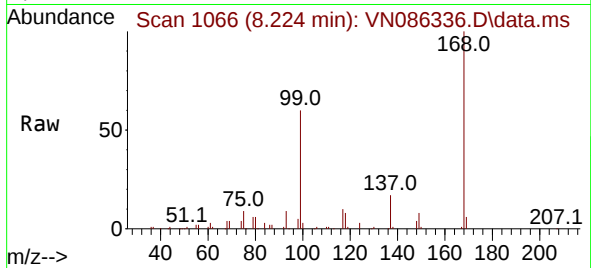




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN086336.D
Acq: 18 Apr 2025 12:07

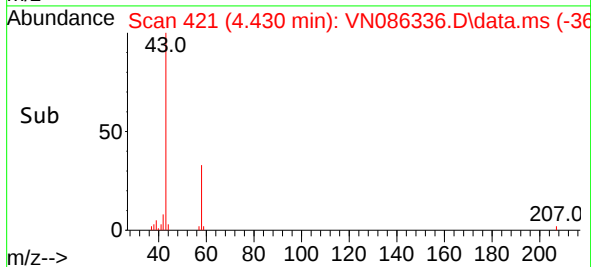
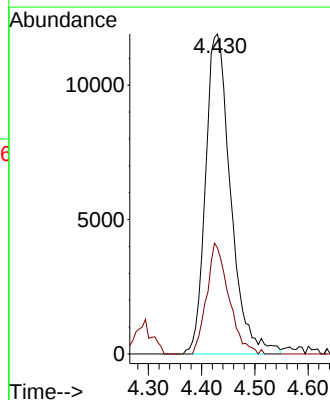
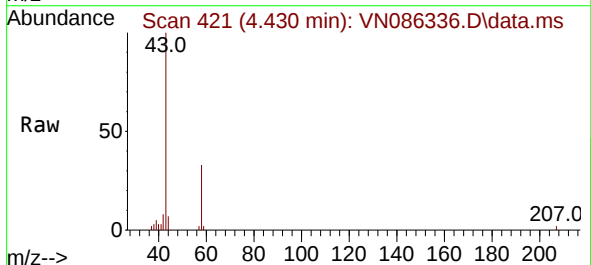
Instrument :
MSVOA_N
ClientSampleId :
PB167623ZHE#01

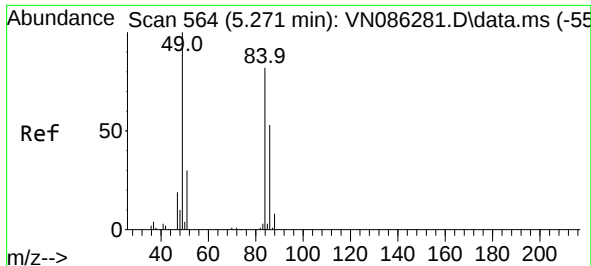
Tgt Ion:168 Resp: 180598
Ion Ratio Lower Upper
168 100
99 59.6 52.5 78.7



#16
Acetone
Concen: 38.182 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN086336.D
Acq: 18 Apr 2025 12:07

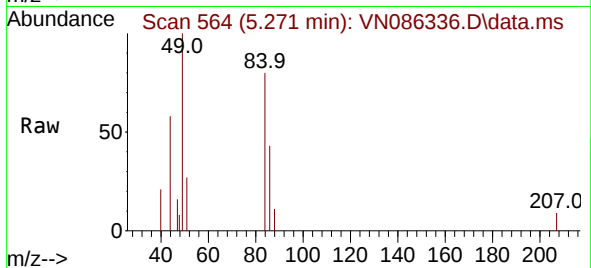
Tgt Ion: 43 Resp: 38950
Ion Ratio Lower Upper
43 100
58 33.1 25.3 37.9



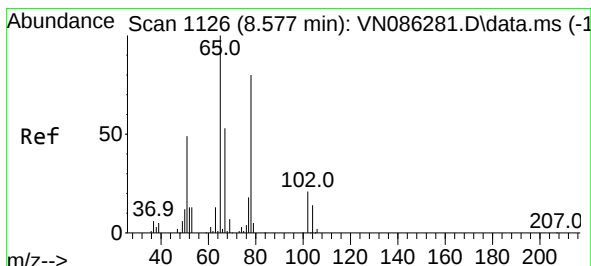
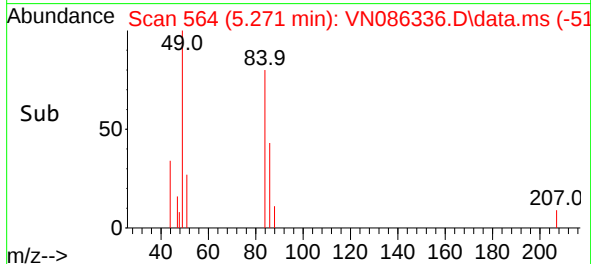
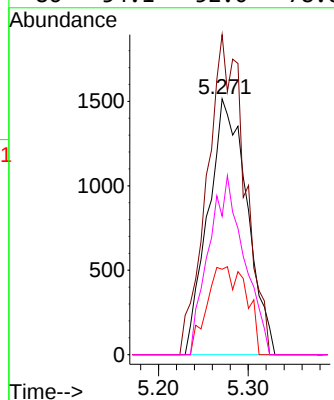


#20
Methylene Chloride
Concen: 1.881 ug/l
RT: 5.271 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN086336.D
Acq: 18 Apr 2025 12:07

Instrument :
MSVOA_N
ClientSampleId :
PB167623ZHE#01

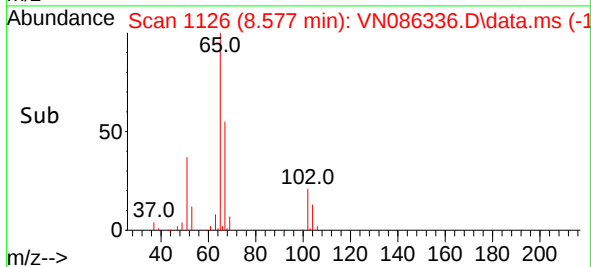
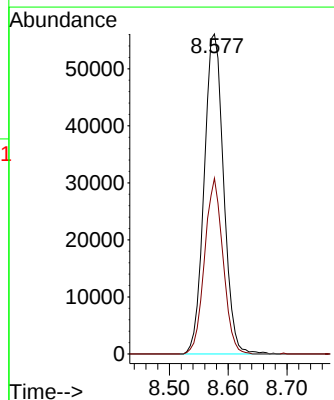
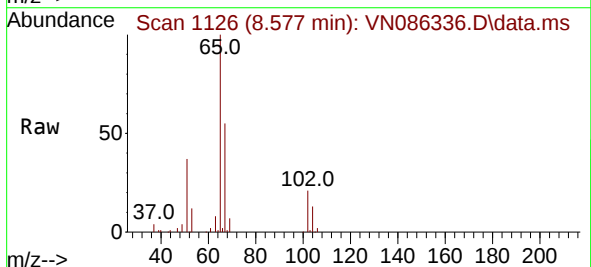


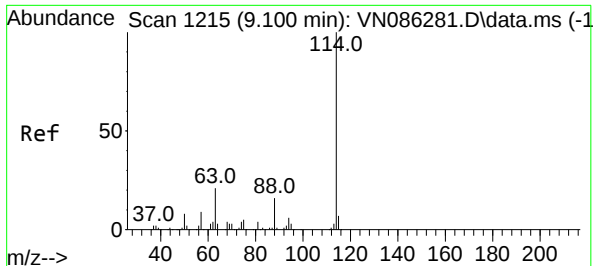
Tgt Ion:	84	Resp:	4554
Ion	Ratio	Lower	Upper
84	100		
49	125.1	98.2	147.2
51	33.4	29.8	44.6
86	54.1	52.0	78.0



#33
1,2-Dichloroethane-d4
Concen: 49.302 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086336.D
Acq: 18 Apr 2025 12:07

Tgt Ion:	65	Resp:	129113
Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	106.0

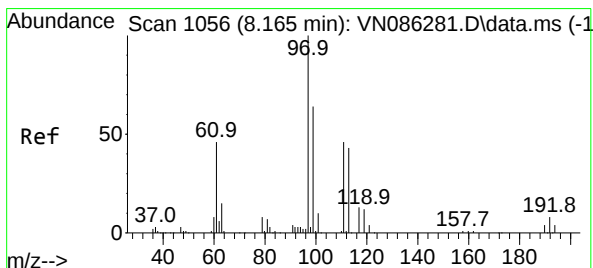
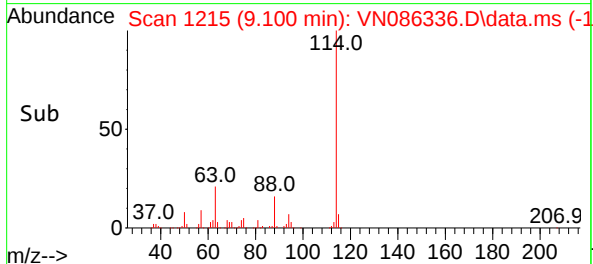
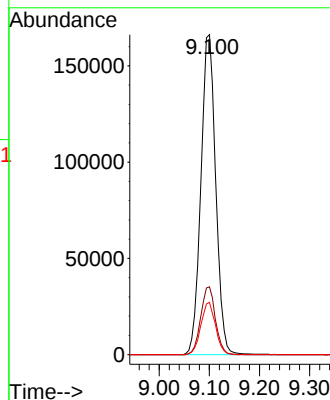
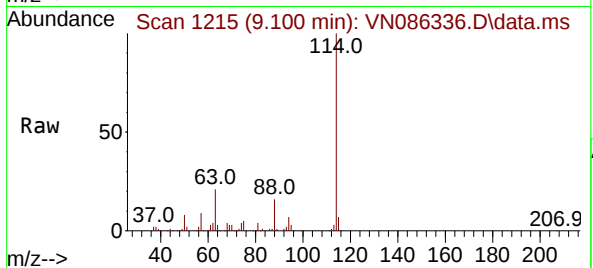




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086336.D
Acq: 18 Apr 2025 12:07

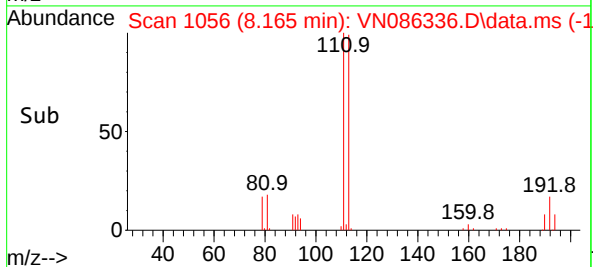
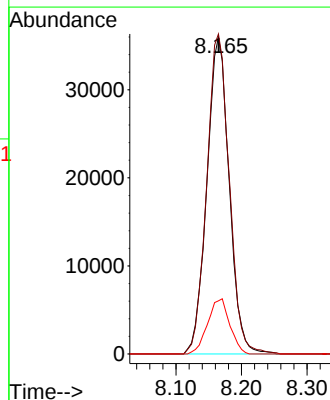
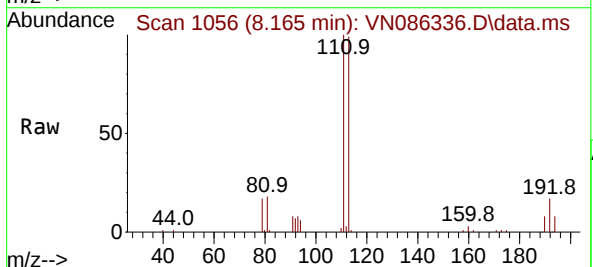
Instrument :
MSVOA_N
ClientSampleId :
PB167623ZHE#01

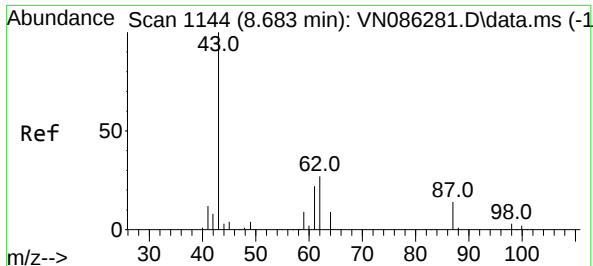
Tgt Ion:114 Resp: 341778
Ion Ratio Lower Upper
114 100
63 21.2 0.0 42.6
88 16.4 0.0 31.8



#35
Dibromofluoromethane
Concen: 53.540 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086336.D
Acq: 18 Apr 2025 12:07

Tgt Ion:113 Resp: 84927
Ion Ratio Lower Upper
113 100
111 101.9 83.4 125.0
192 17.3 13.7 20.5

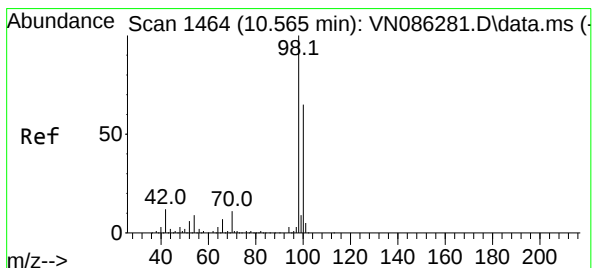
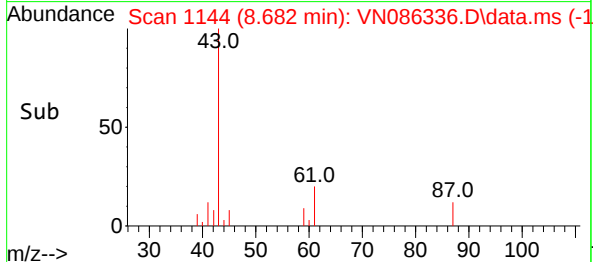
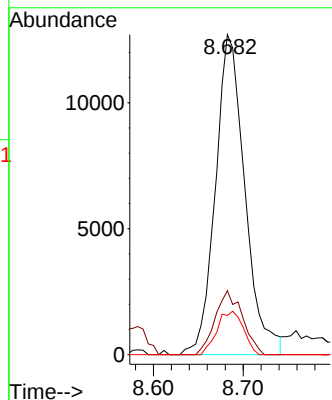
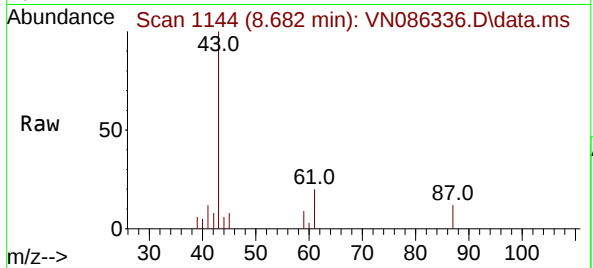




#43
Isopropyl Acetate
Concen: 3.039 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.001 min
Lab File: VN086336.D
Acq: 18 Apr 2025 12:07

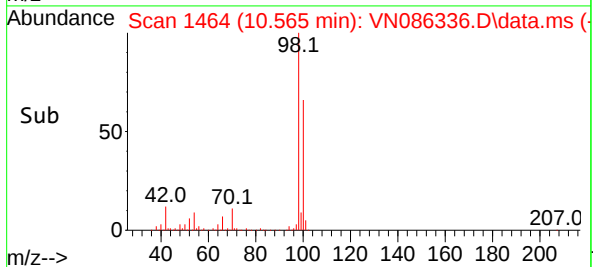
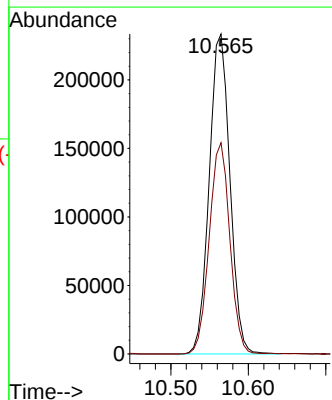
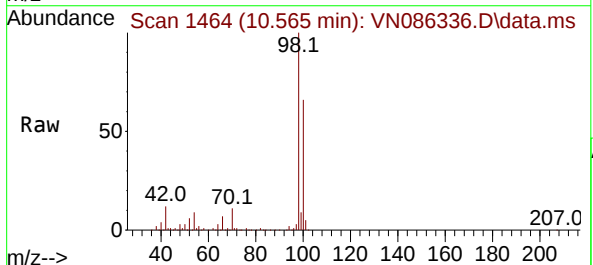
Instrument :
MSVOA_N
ClientSampleId :
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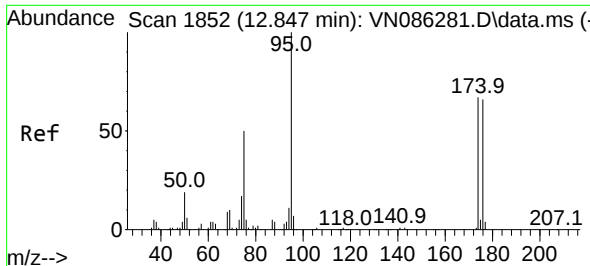
Tgt Ion: 43 Resp: 29011
Ion Ratio Lower Upper
43 100
61 18.5 20.5 30.7#
87 12.1 10.5 15.7



#50
Toluene-d8
Concen: 51.062 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086336.D
Acq: 18 Apr 2025 12:07

Tgt Ion: 98 Resp: 432881
Ion Ratio Lower Upper
98 100
100 66.0 52.5 78.7

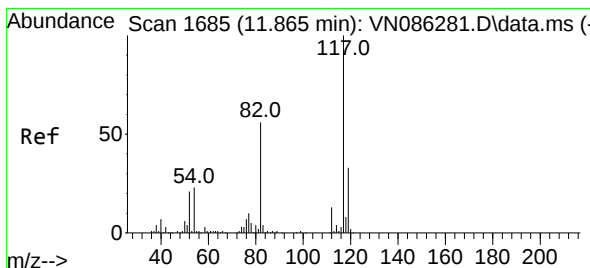
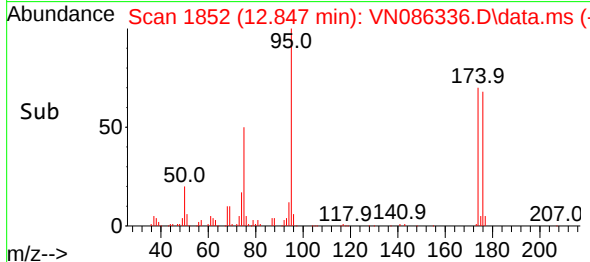
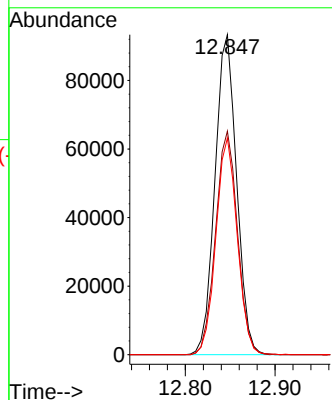
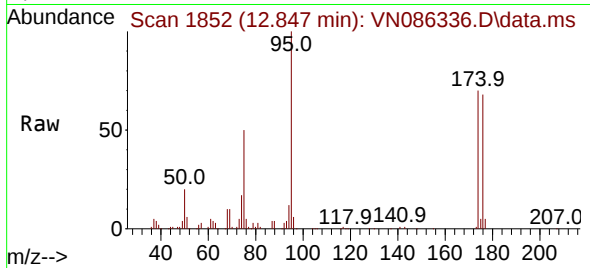




#62
4-Bromofluorobenzene
Concen: 50.533 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086336.D
Acq: 18 Apr 2025 12:07

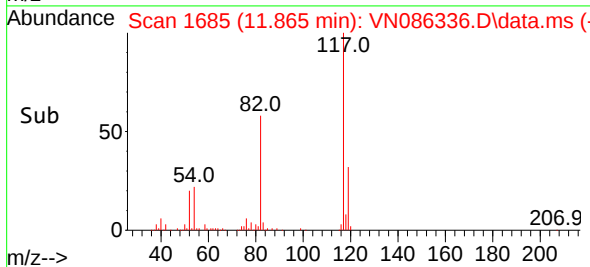
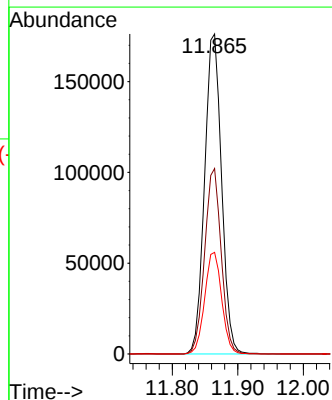
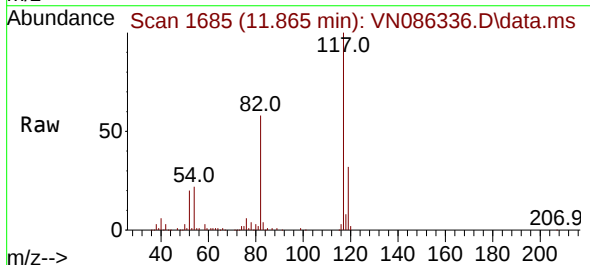
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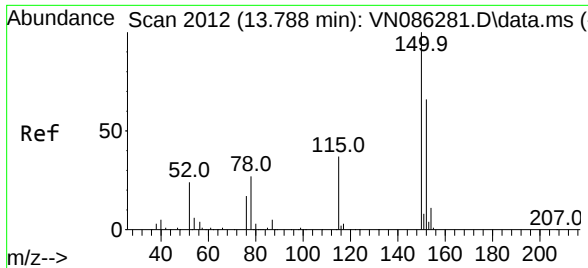
Tgt Ion: 95 Resp: 156254
Ion Ratio Lower Upper
95 100
174 70.6 0.0 133.4
176 66.9 0.0 129.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086336.D
Acq: 18 Apr 2025 12:07

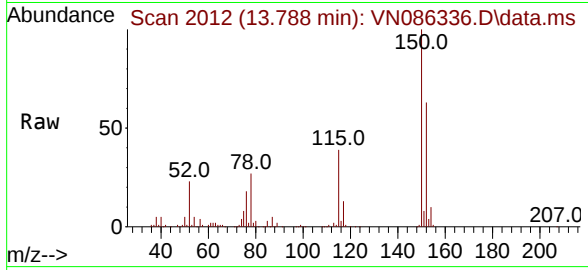
Tgt Ion: 117 Resp: 317317
Ion Ratio Lower Upper
117 100
82 57.9 44.7 67.1
119 31.8 26.4 39.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN086336.D
 Acq: 18 Apr 2025 12:07

Instrument :
 MSVOA_N
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Tgt Ion:	152	Resp:	133766
Ion	Ratio	Lower	Upper
152	100		
115	62.6	31.9	95.9
150	159.3	0.0	352.0

