

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050825\
 Data File : VN086547.D
 Acq On : 08 May 2025 15:49
 Operator : JC\MD
 Sample : PB167895ZHE#05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167895ZHE#05

Quant Time: May 09 01:53:40 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)

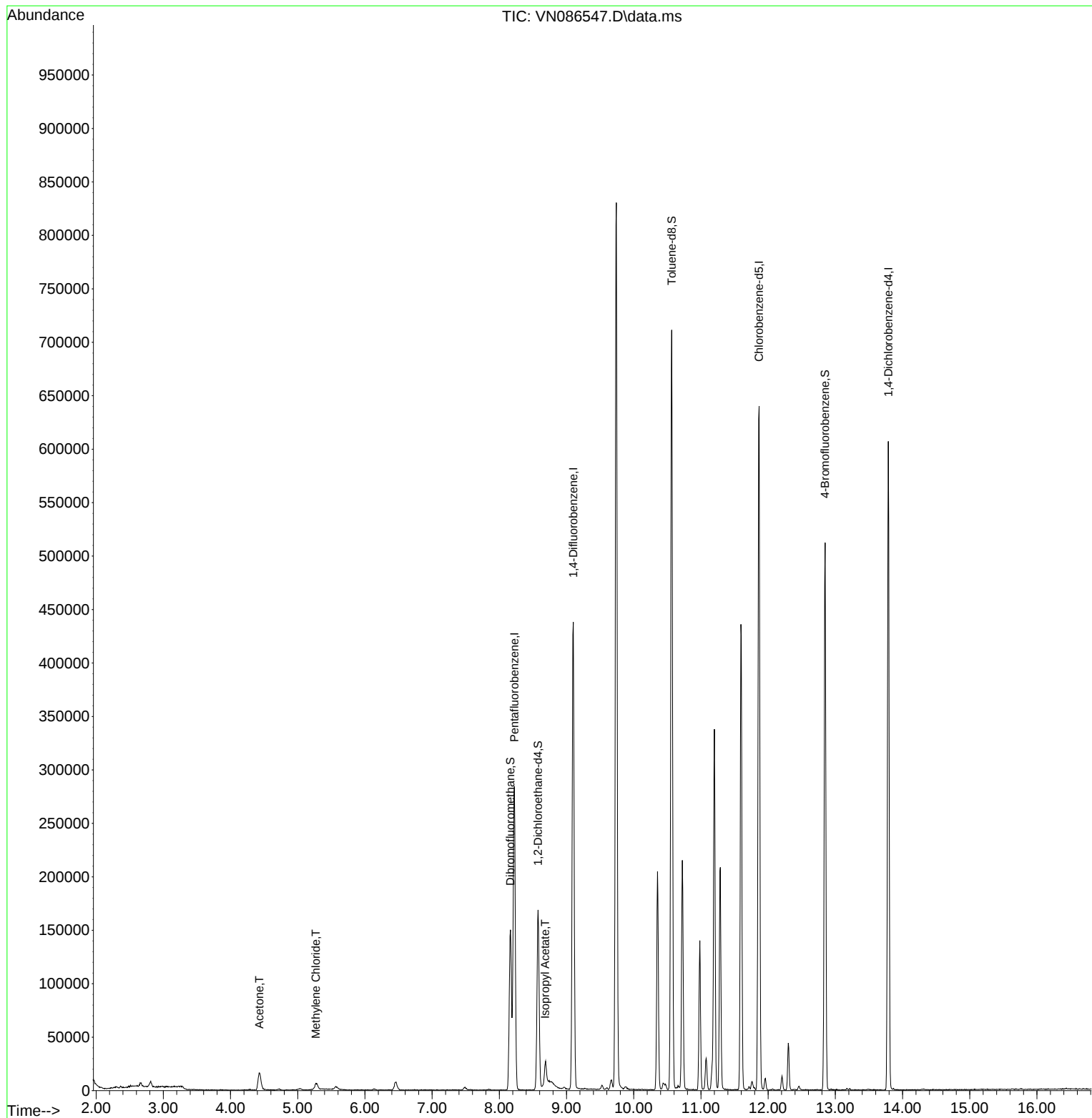
Internal Standards						
1) Pentafluorobenzene	8.224	168	216290	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	393667	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	383817	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	167550	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	142002	45.276	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	90.560%
35) Dibromofluoromethane	8.165	113	112872	61.778	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	123.560%
50) Toluene-d8	10.565	98	505188	51.736	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.480%
62) 4-Bromofluorobenzene	12.847	95	184129	51.698	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	103.400%
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	33010	25.312	ug/l	92
20) Methylene Chloride	5.271	84	5163	1.781	ug/l #	76
43) Isopropyl Acetate	8.683	43	34841	3.249	ug/l #	82

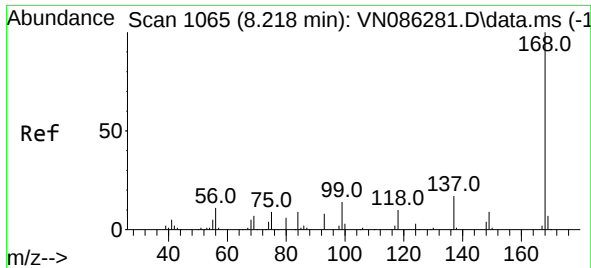
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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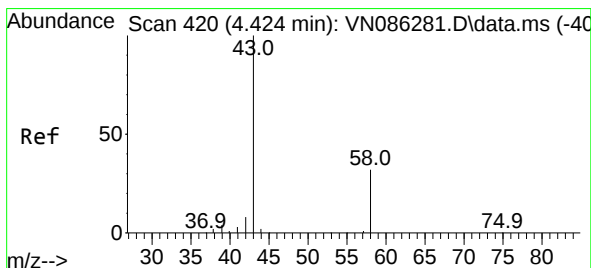
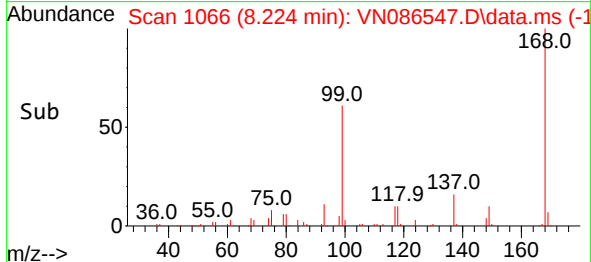
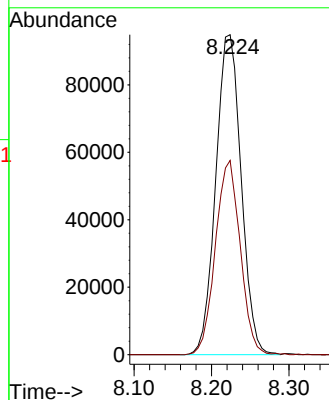
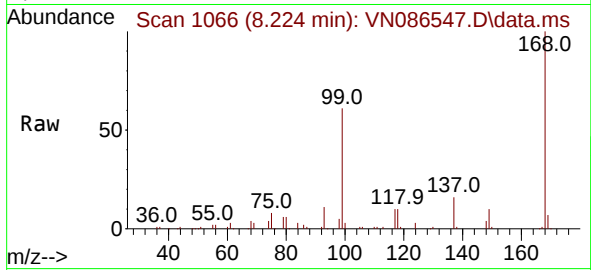




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN086547.D
Acq: 08 May 2025 15:49

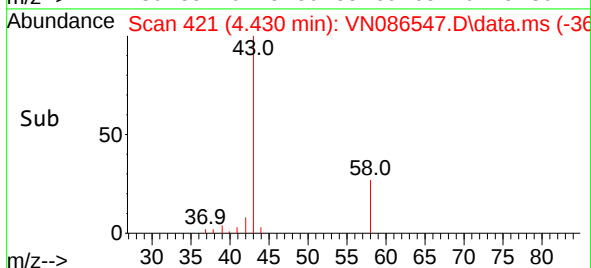
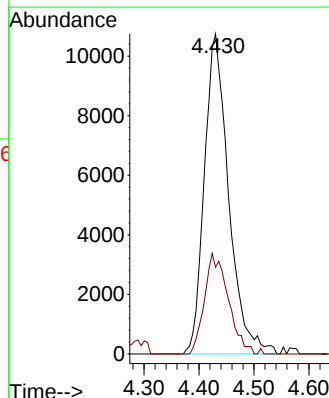
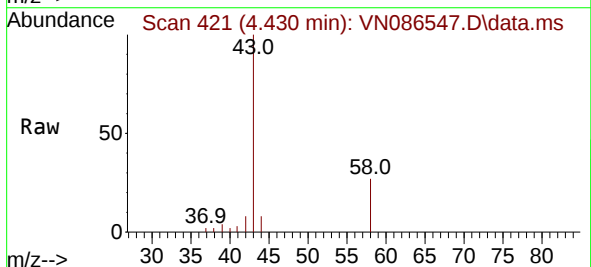
Instrument :
MSVOA_N
ClientSampleId :
PB167895ZHE#05

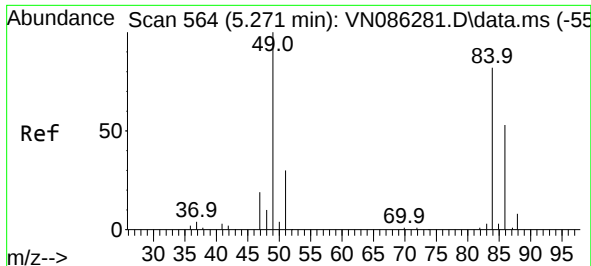
Tgt Ion:168 Resp: 216290
Ion Ratio Lower Upper
168 100
99 60.7 52.5 78.7



#16
Acetone
Concen: 25.312 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN086547.D
Acq: 08 May 2025 15:49

Tgt Ion: 43 Resp: 33010
Ion Ratio Lower Upper
43 100
58 27.1 25.3 37.9

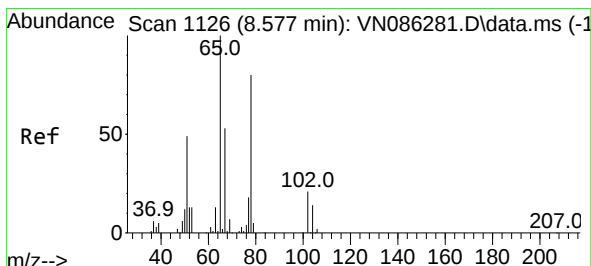
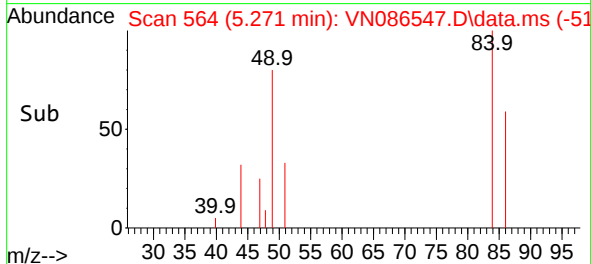
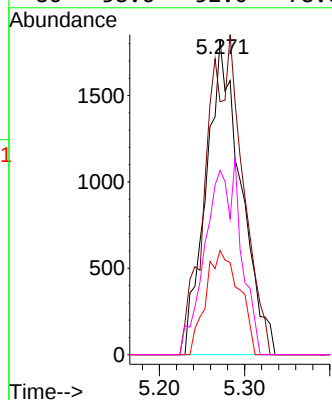
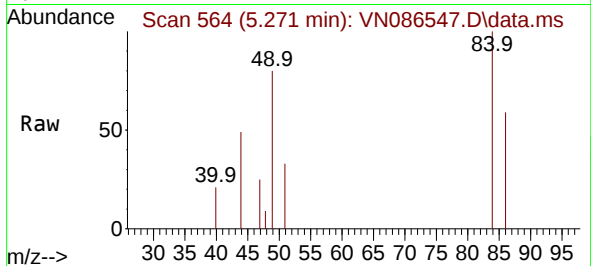




#20
Methylene Chloride
Concen: 1.781 ug/l
RT: 5.271 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN086547.D
Acq: 08 May 2025 15:49

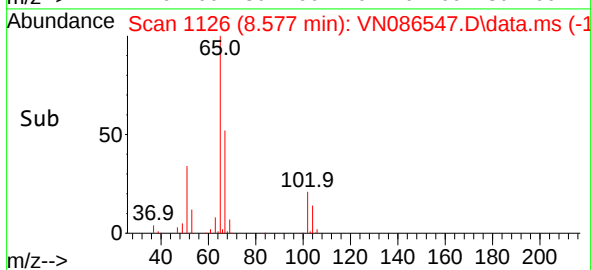
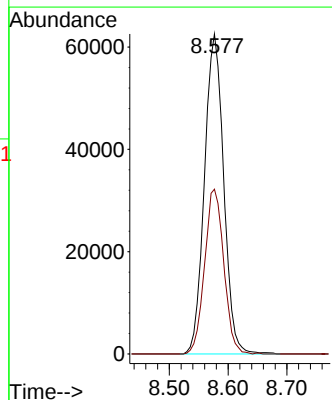
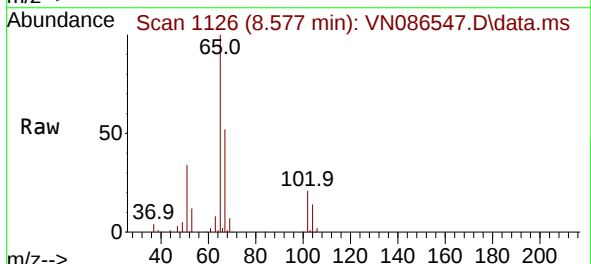
Instrument :
MSVOA_N
ClientSampleId :
PB167895ZHE#05

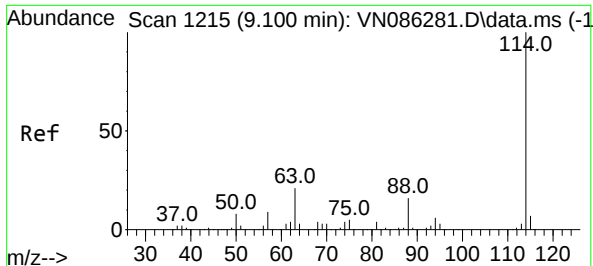
Tgt Ion:	84	Resp:	5163
Ion	Ratio	Lower	Upper
84	100		
49	80.5	98.2	147.2#
51	33.2	29.8	44.6
86	58.6	52.0	78.0



#33
1,2-Dichloroethane-d4
Concen: 45.276 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN086547.D
Acq: 08 May 2025 15:49

Tgt Ion:	65	Resp:	142002
Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	106.0

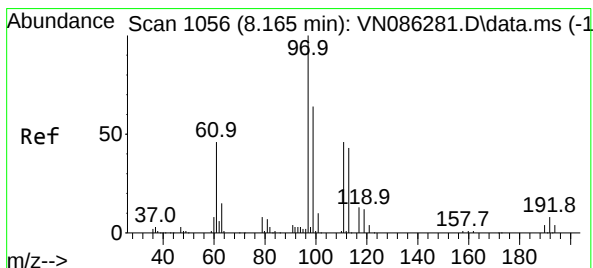
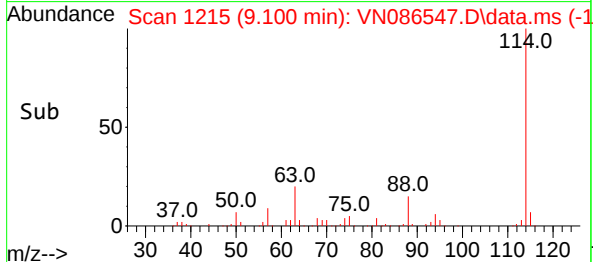
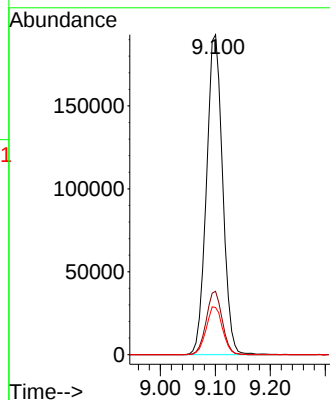
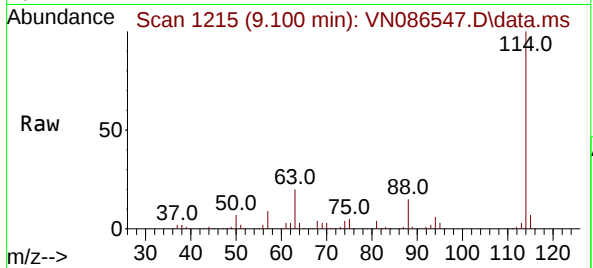




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN086547.D
Acq: 08 May 2025 15:49

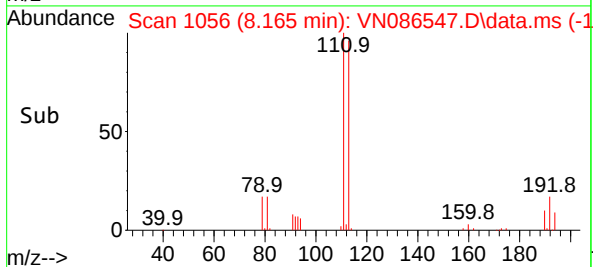
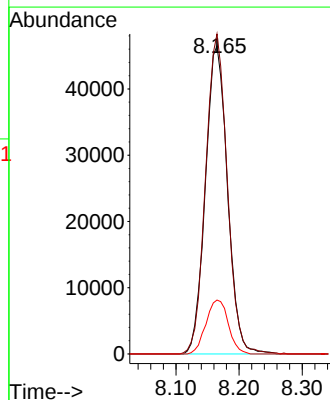
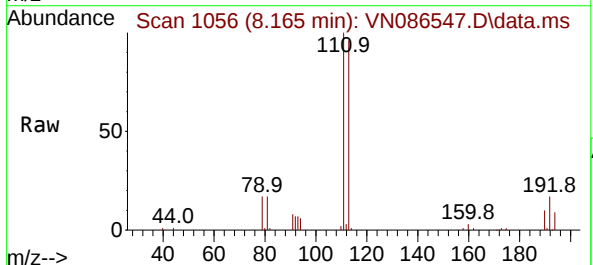
Instrument :
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PB167895ZHE#05

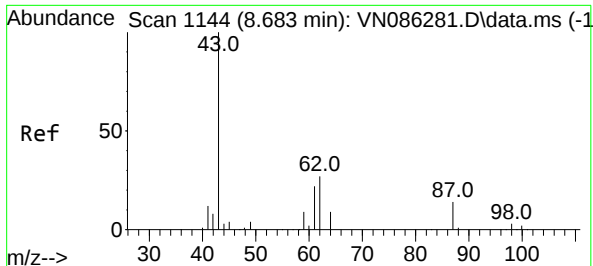
Tgt Ion:114 Resp: 393667
Ion Ratio Lower Upper
114 100
63 19.8 0.0 42.6
88 14.7 0.0 31.8



#35
Dibromofluoromethane
Concen: 61.778 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN086547.D
Acq: 08 May 2025 15:49

Tgt Ion:113 Resp: 112872
Ion Ratio Lower Upper
113 100
111 101.9 83.4 125.0
192 17.7 13.7 20.5

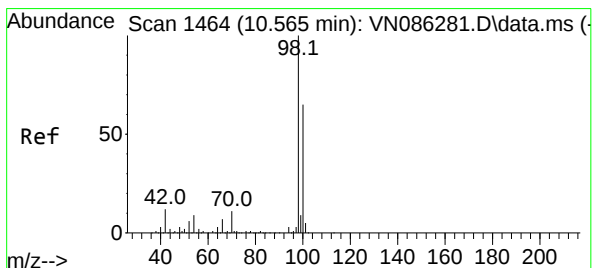
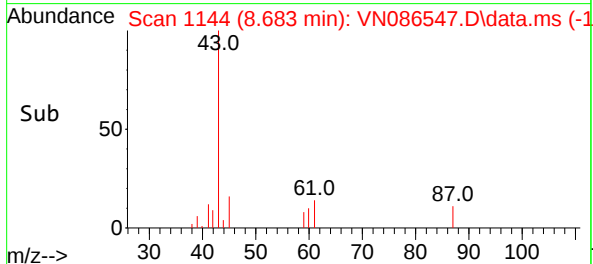
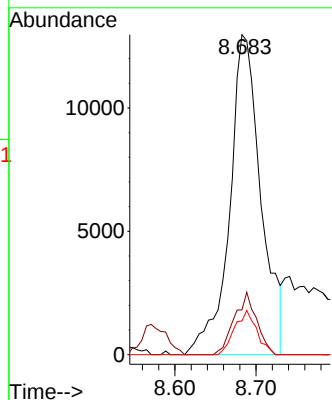
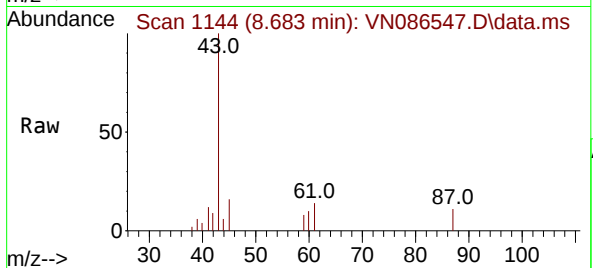




#43
Isopropyl Acetate
Concen: 3.249 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VN086547.D
Acq: 08 May 2025 15:49

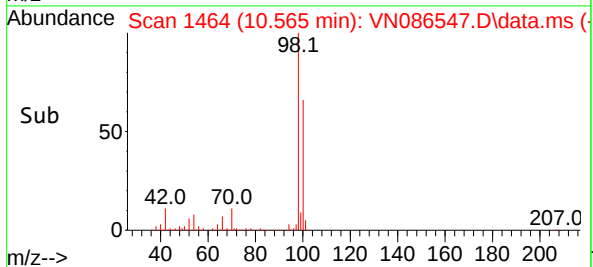
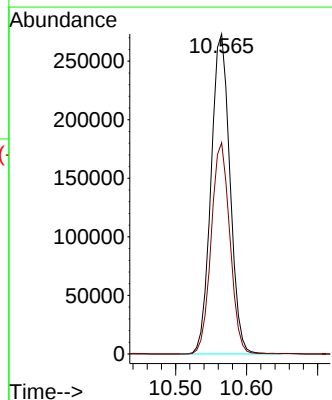
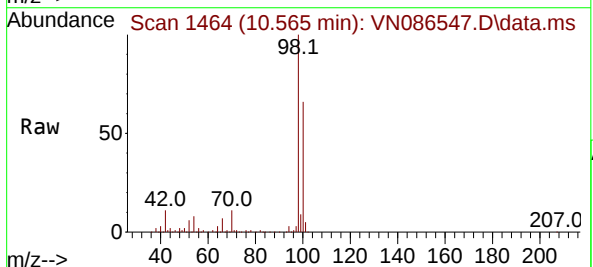
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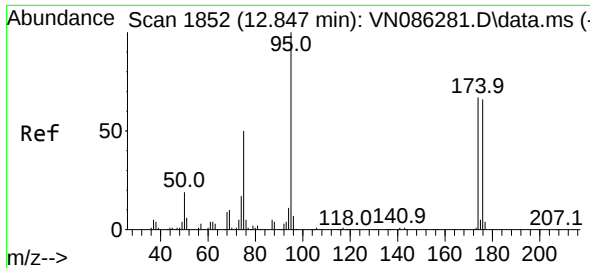
Tgt Ion: 43 Resp: 34841
Ion Ratio Lower Upper
43 100
61 13.9 20.5 30.7#
87 9.7 10.5 15.7#



#50
Toluene-d8
Concen: 51.736 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN086547.D
Acq: 08 May 2025 15:49

Tgt Ion: 98 Resp: 505188
Ion Ratio Lower Upper
98 100
100 65.1 52.5 78.7

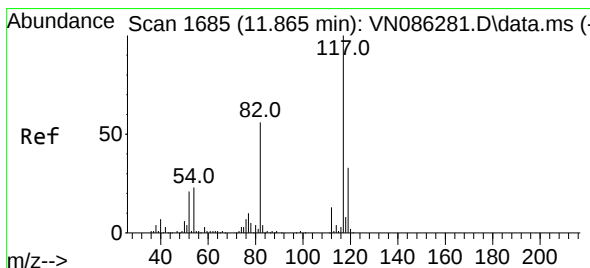
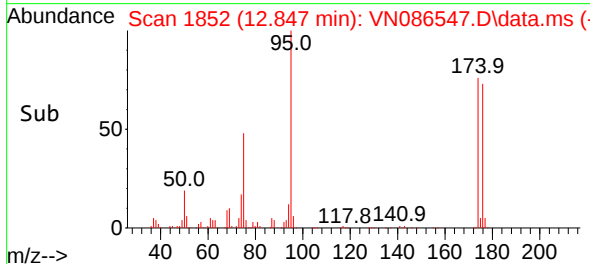
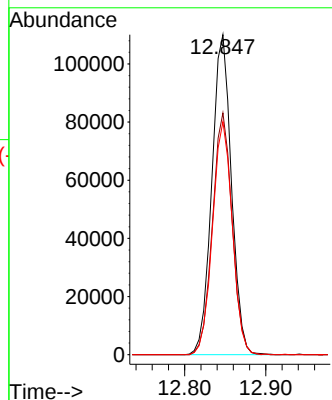
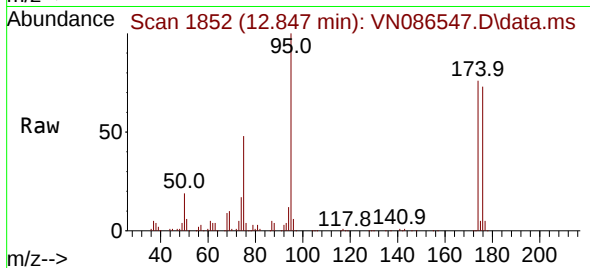




#62
4-Bromofluorobenzene
Concen: 51.698 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086547.D
Acq: 08 May 2025 15:49

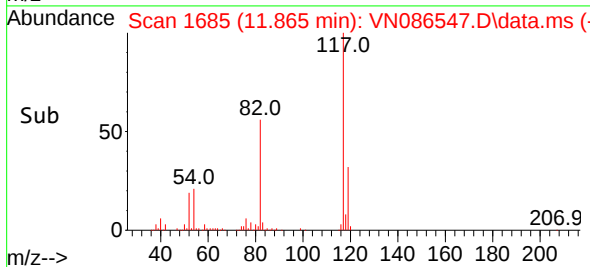
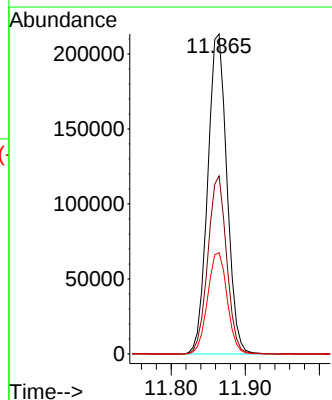
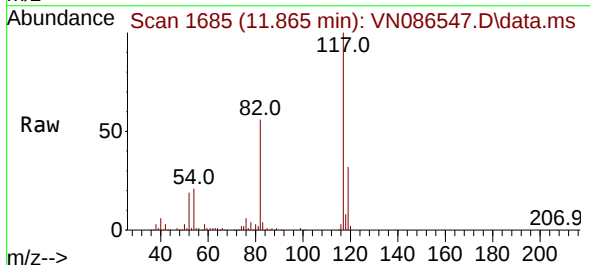
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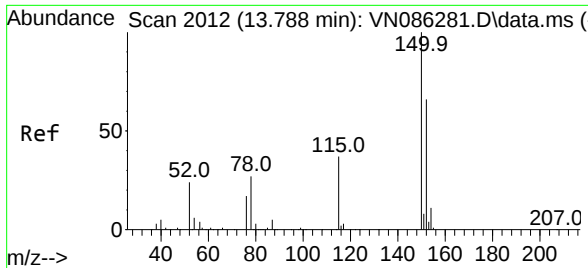
Tgt Ion: 95 Resp: 184129
Ion Ratio Lower Upper
95 100
174 75.9 0.0 133.4
176 73.6 0.0 129.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN086547.D
Acq: 08 May 2025 15:49

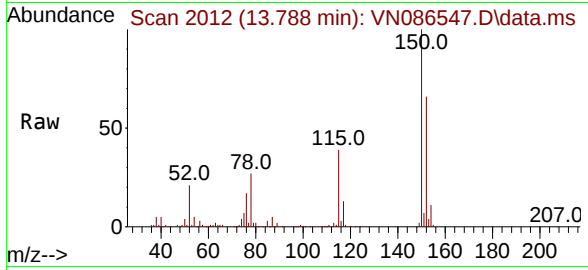
Tgt Ion: 117 Resp: 383817
Ion Ratio Lower Upper
117 100
82 55.6 44.7 67.1
119 31.6 26.4 39.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN086547.D
 Acq: 08 May 2025 15:49

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167895ZHE#05



Tgt Ion:152 Resp: 167550

Ion	Ratio	Lower	Upper
152	100		
115	60.4	31.9	95.9
150	156.2	0.0	352.0

