

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051525\
 Data File : VN086649.D
 Acq On : 15 May 2025 16:48
 Operator : JC\MD
 Sample : PB167995ZHE#11
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167995ZHE#11

Quant Time: May 16 05:30:19 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)

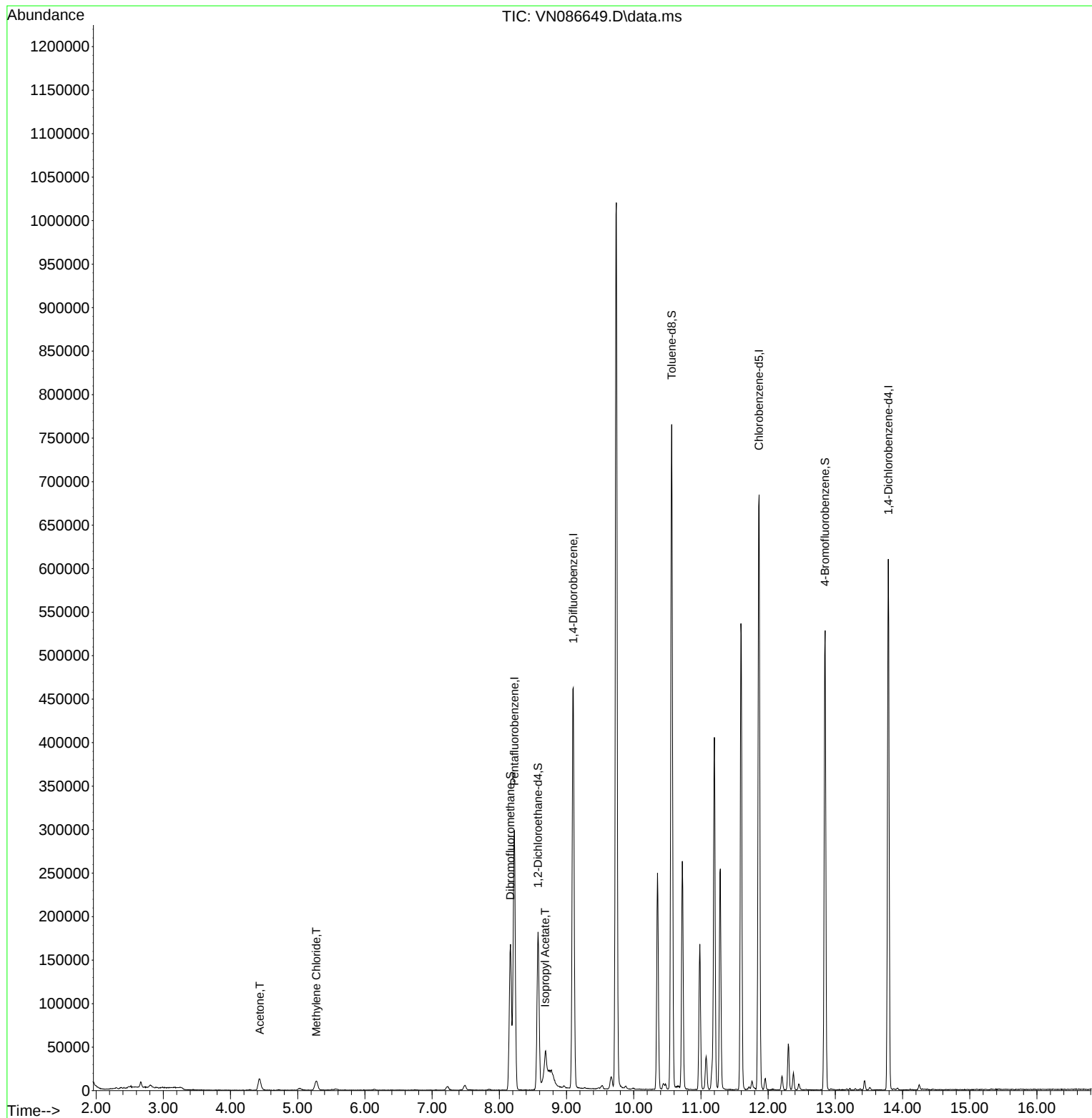
Internal Standards						
1) Pentafluorobenzene	8.224	168	224983	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	425683	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	415487	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	172262	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	150514	46.135	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.280%
35) Dibromofluoromethane	8.165	113	125235	63.389	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	126.780%#
50) Toluene-d8	10.565	98	549665	52.057	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.120%
62) 4-Bromofluorobenzene	12.847	95	197243	51.215	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	102.440%
Target Compounds						
					Qvalue	
16) Acetone	4.436	43	26699	18.383	ug/l	94
20) Methylene Chloride	5.277	84	9191	3.047	ug/l	99
43) Isopropyl Acetate	8.683	43	79433	8.957	ug/l #	71

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

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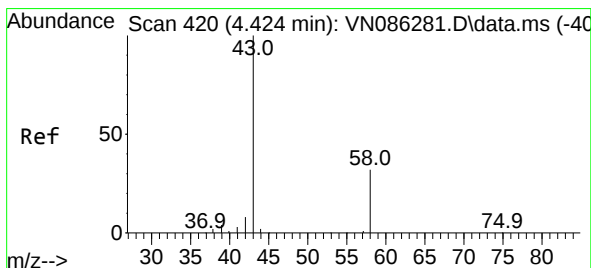
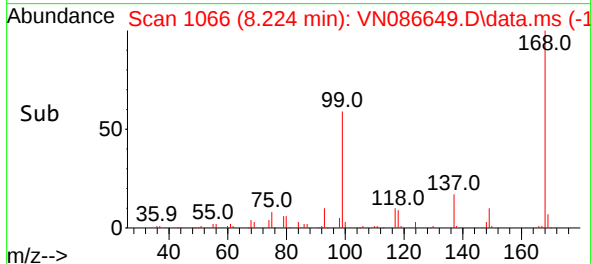
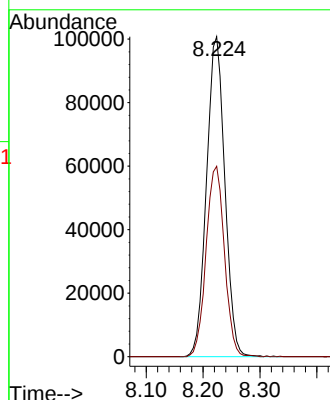
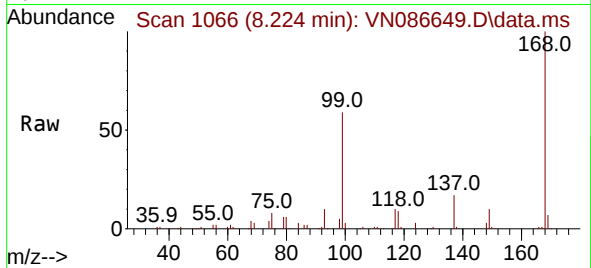




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN086649.D
Acq: 15 May 2025 16:48

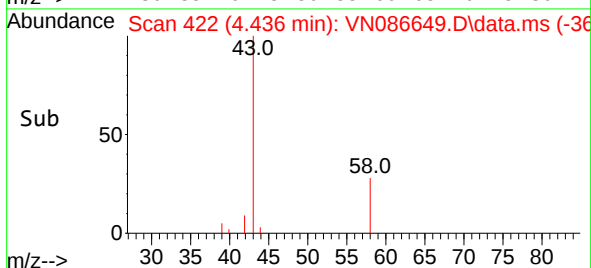
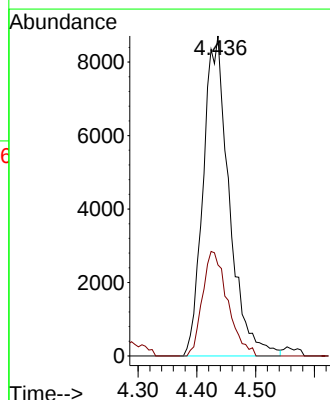
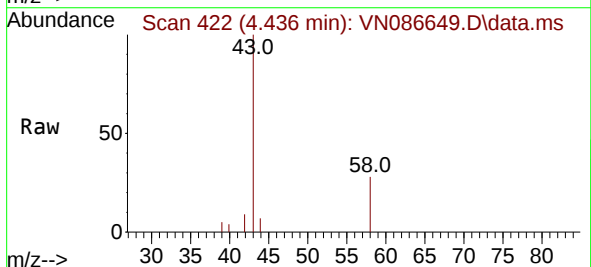
Instrument :
MSVOA_N
ClientSampleId :
PB167995ZHE#11

Tgt Ion:168 Resp: 224983
Ion Ratio Lower Upper
168 100
99 59.5 52.5 78.7



#16
Acetone
Concen: 18.383 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN086649.D
Acq: 15 May 2025 16:48

Tgt Ion: 43 Resp: 26699
Ion Ratio Lower Upper
43 100
58 28.5 25.3 37.9

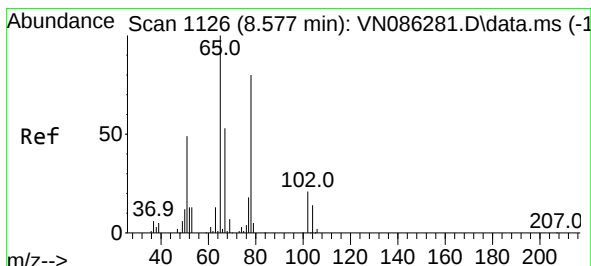
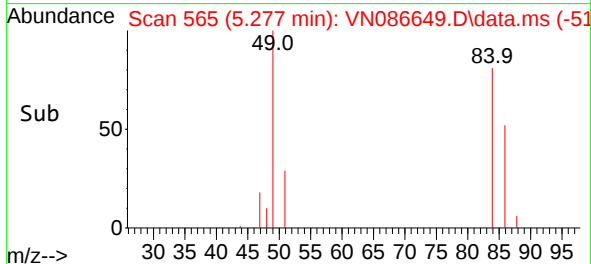
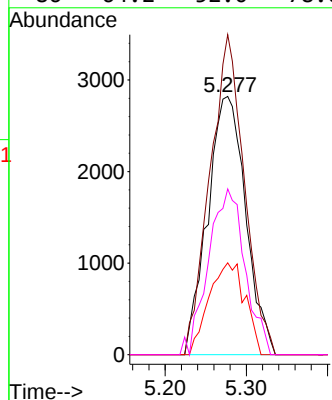
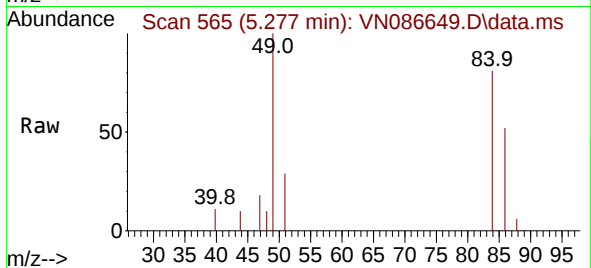




#20
Methylene Chloride
Concen: 3.047 ug/l
RT: 5.277 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN086649.D
Acq: 15 May 2025 16:48

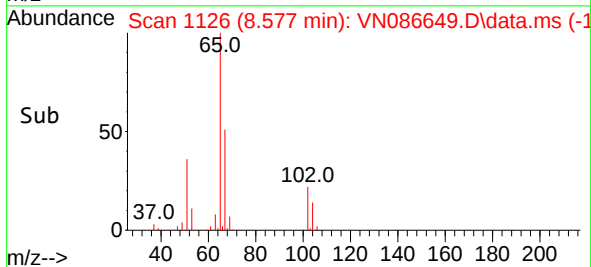
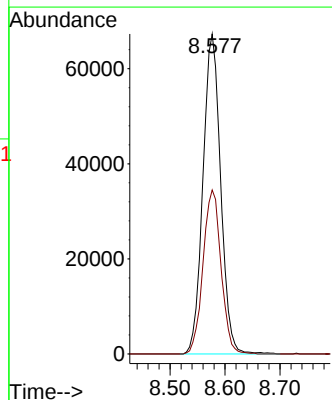
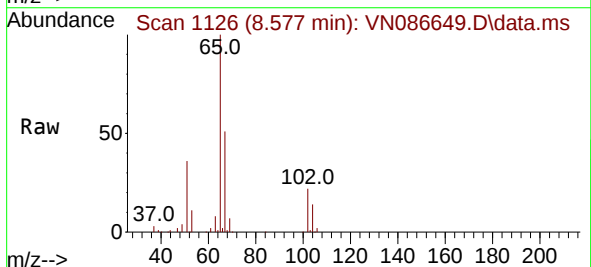
Instrument :
MSVOA_N
ClientSampleId :
PB167995ZHE#11

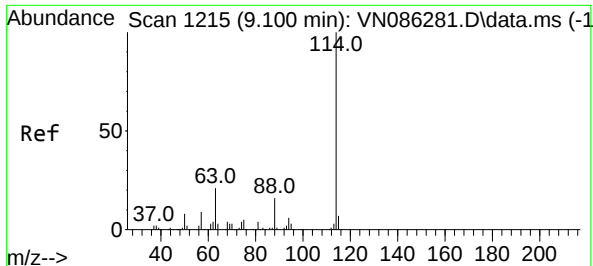
Tgt Ion:	84	Resp:	9191
Ion	Ratio	Lower	Upper
84	100		
49	123.9	98.2	147.2
51	35.6	29.8	44.6
86	64.2	52.0	78.0



#33
1,2-Dichloroethane-d4
Concen: 46.135 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN086649.D
Acq: 15 May 2025 16:48

Tgt Ion:	65	Resp:	150514
Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	106.0

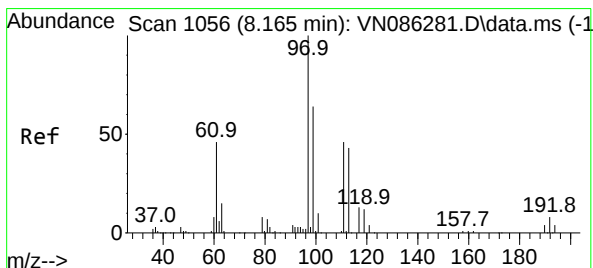
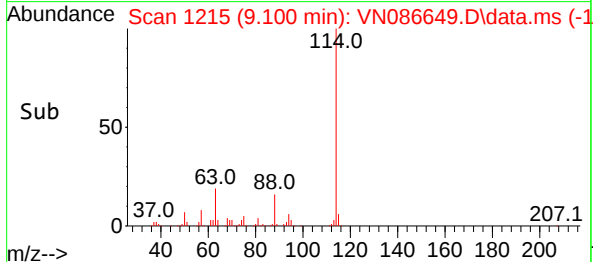
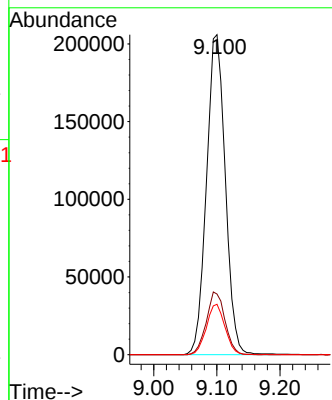
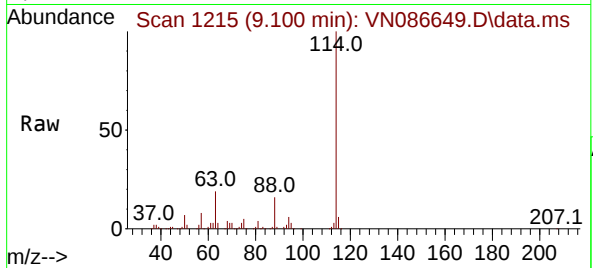




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN086649.D
Acq: 15 May 2025 16:48

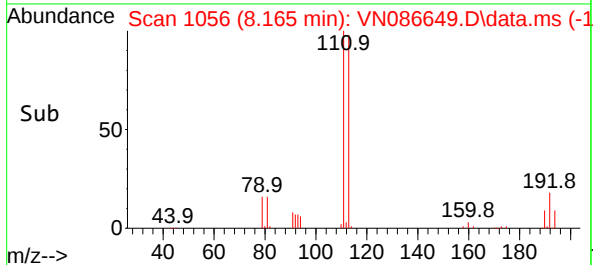
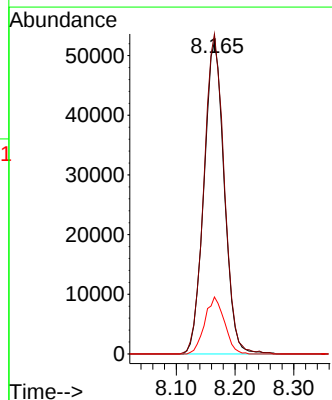
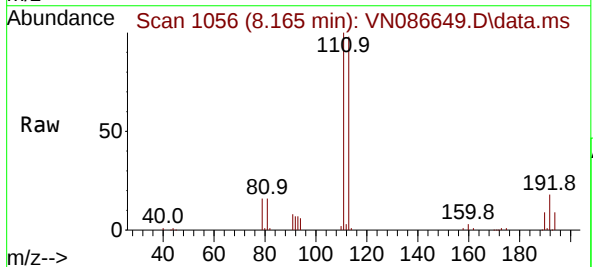
Instrument :
MSVOA_N
ClientSampleId :
PB167995ZHE#11

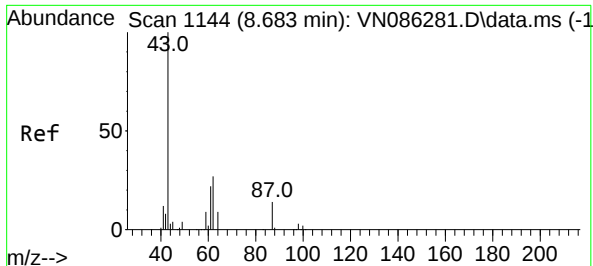
Tgt Ion:114 Resp: 425683
Ion Ratio Lower Upper
114 100
63 18.9 0.0 42.6
88 15.8 0.0 31.8



#35
Dibromofluoromethane
Concen: 63.389 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN086649.D
Acq: 15 May 2025 16:48

Tgt Ion:113 Resp: 125235
Ion Ratio Lower Upper
113 100
111 102.3 83.4 125.0
192 17.7 13.7 20.5

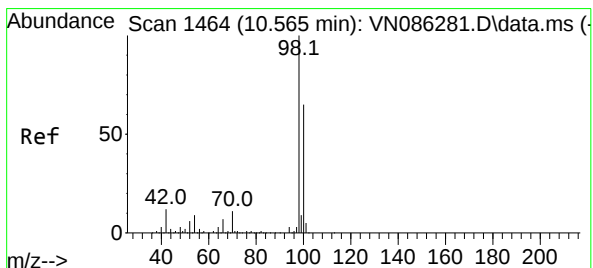
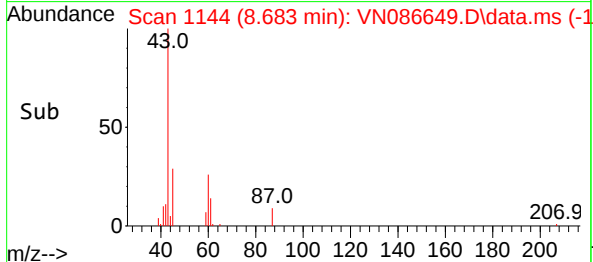
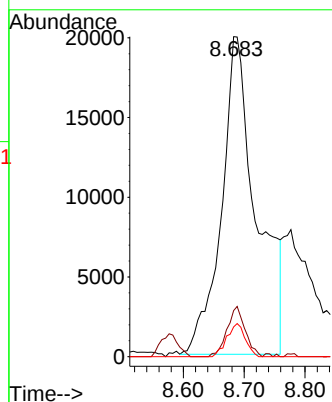
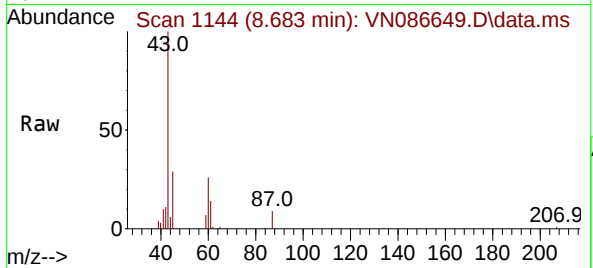




#43
Isopropyl Acetate
Concen: 8.957 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VN086649.D
Acq: 15 May 2025 16:48

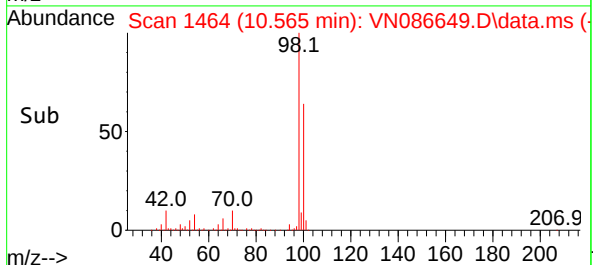
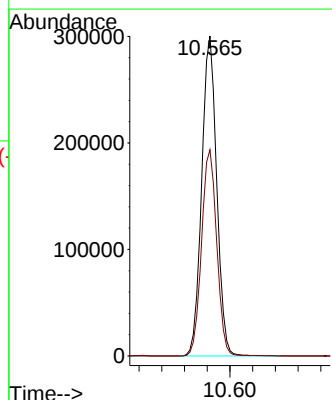
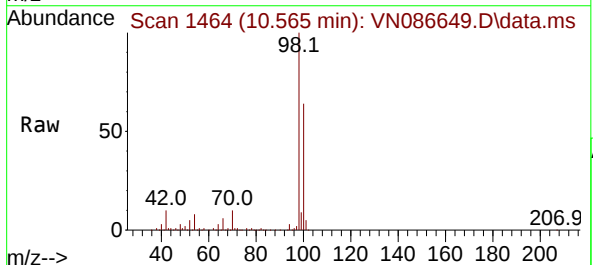
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ClientSampleId :
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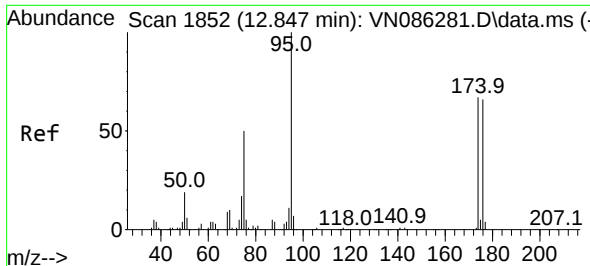
Tgt Ion: 43 Resp: 79433
Ion Ratio Lower Upper
43 100
61 8.2 20.5 30.7#
87 5.5 10.5 15.7#



#50
Toluene-d8
Concen: 52.057 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN086649.D
Acq: 15 May 2025 16:48

Tgt Ion: 98 Resp: 549665
Ion Ratio Lower Upper
98 100
100 65.1 52.5 78.7

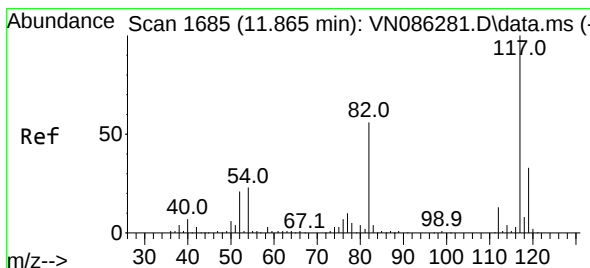
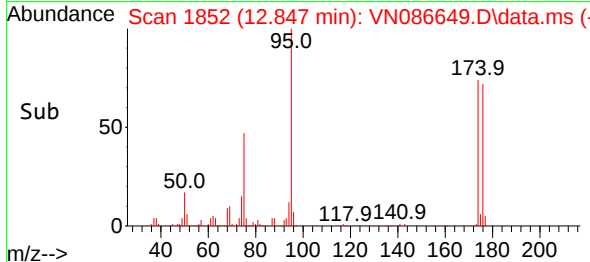
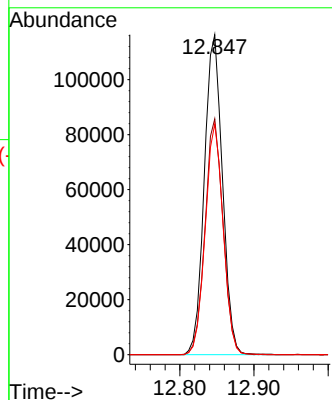
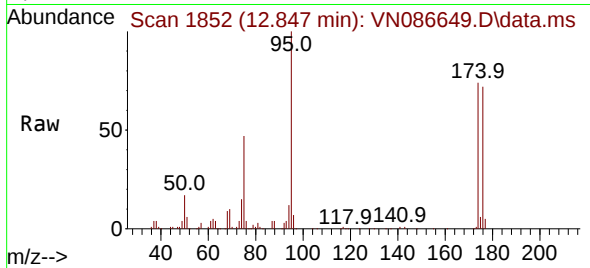




#62
4-Bromofluorobenzene
Concen: 51.215 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086649.D
Acq: 15 May 2025 16:48

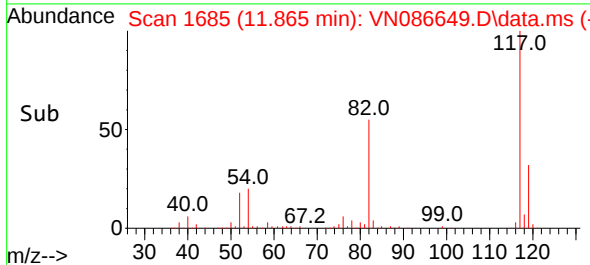
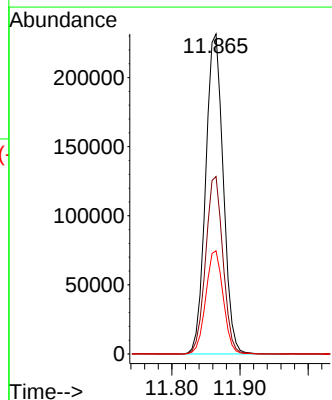
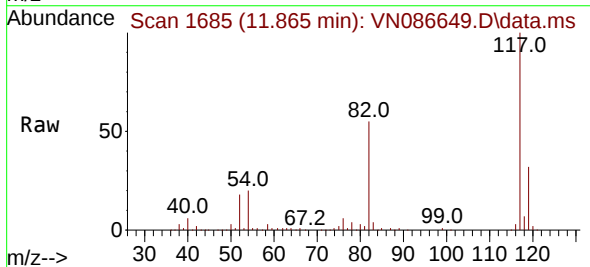
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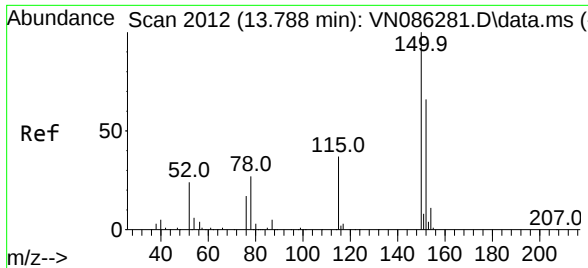
Tgt Ion: 95 Resp: 197243
Ion Ratio Lower Upper
95 100
174 73.2 0.0 133.4
176 71.5 0.0 129.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN086649.D
Acq: 15 May 2025 16:48

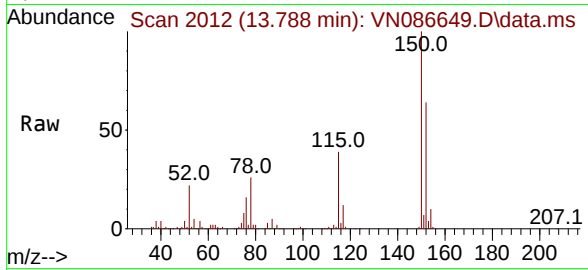
Tgt Ion: 117 Resp: 415487
Ion Ratio Lower Upper
117 100
82 55.5 44.7 67.1
119 32.3 26.4 39.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN086649.D
 Acq: 15 May 2025 16:48

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167995ZHE#11



Tgt Ion:	152	Resp:	172262
Ion Ratio	Lower	Upper	
152	100		
115	60.4	31.9	95.9
150	157.2	0.0	352.0

