

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051525\
 Data File : VN086647.D
 Acq On : 15 May 2025 16:00
 Operator : JC\MD
 Sample : PB167995ZHE#09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167995ZHE#09

Quant Time: May 16 05:29:24 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)

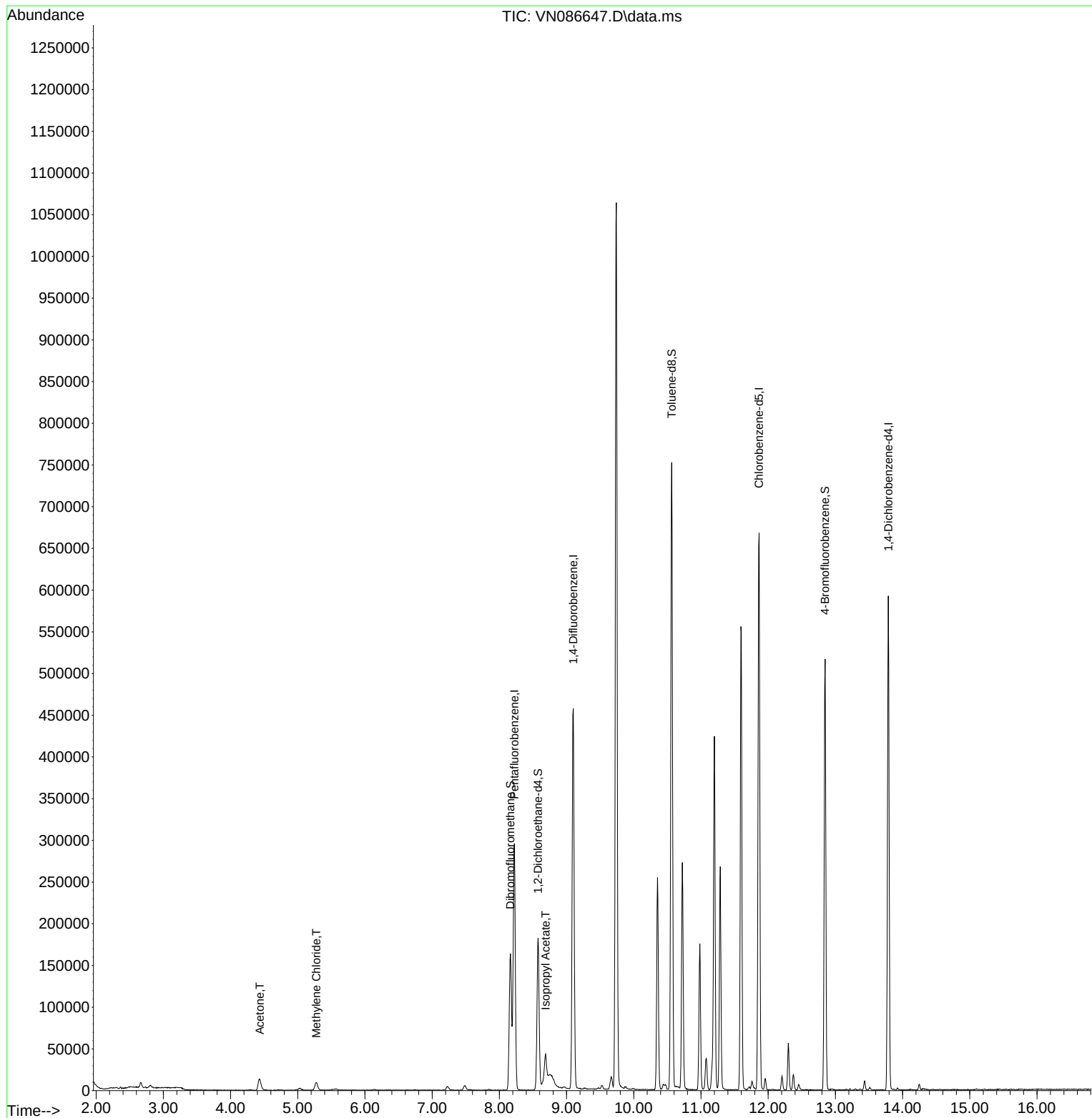
Internal Standards						
1) Pentafluorobenzene	8.224	168	223563	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	420929	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	410683	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	166378	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	150898	46.547	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.100%
35) Dibromofluoromethane	8.165	113	124254	63.603	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	127.200%#
50) Toluene-d8	10.565	98	542015	51.913	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.820%
62) 4-Bromofluorobenzene	12.847	95	192311	50.499	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	101.000%
Target Compounds						
					Qvalue	
16) Acetone	4.436	43	27976	19.703	ug/l	98
20) Methylene Chloride	5.277	84	7753	2.587	ug/l	96
43) Isopropyl Acetate	8.688	43	63566	6.882	ug/l #	75

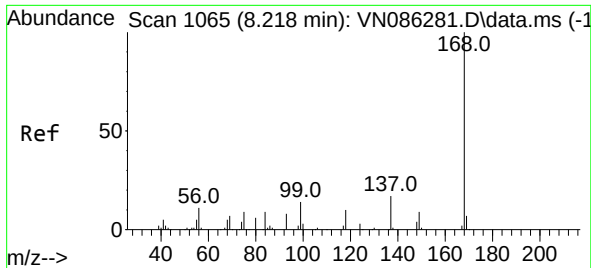
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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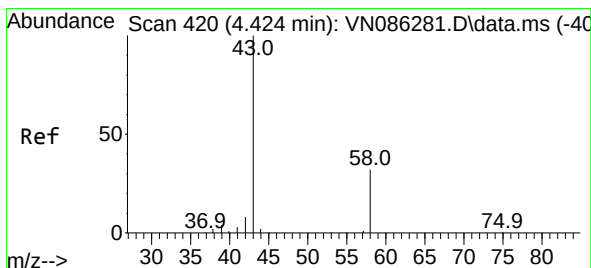
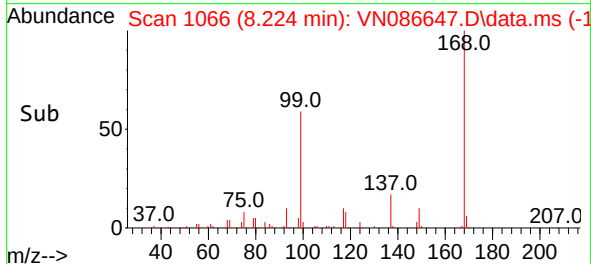
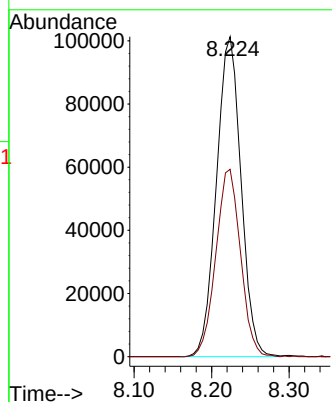
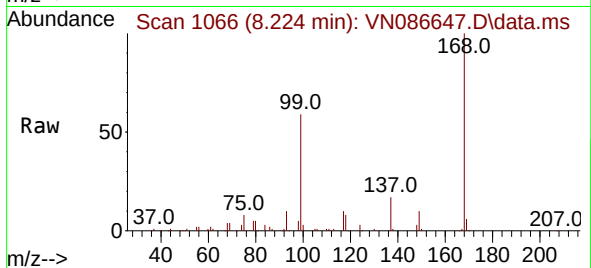




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN086647.D
Acq: 15 May 2025 16:00

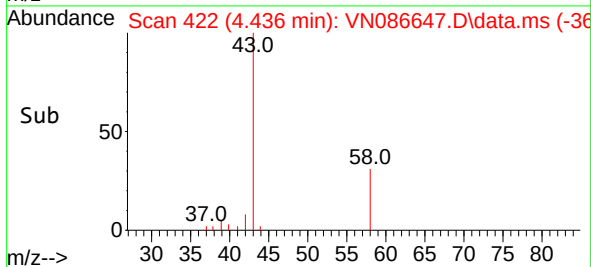
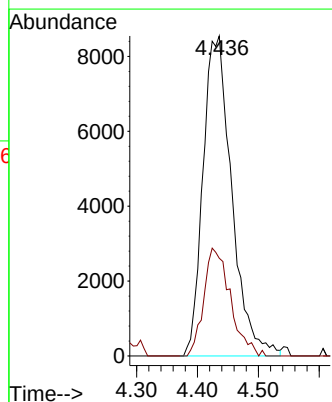
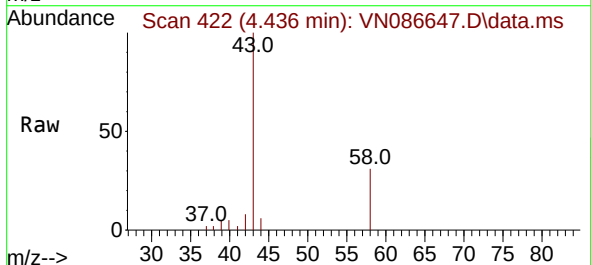
Instrument :
MSVOA_N
ClientSampleId :
PB167995ZHE#09

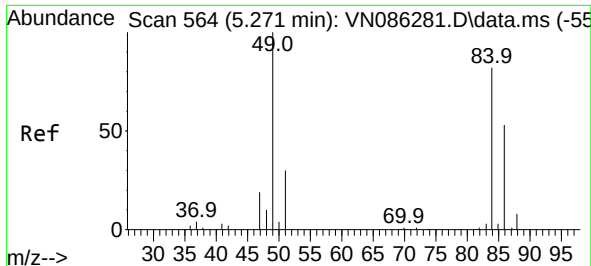
Tgt Ion:168 Resp: 223563
Ion Ratio Lower Upper
168 100
99 58.5 52.5 78.7



#16
Acetone
Concen: 19.703 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN086647.D
Acq: 15 May 2025 16:00

Tgt Ion: 43 Resp: 27976
Ion Ratio Lower Upper
43 100
58 30.5 25.3 37.9

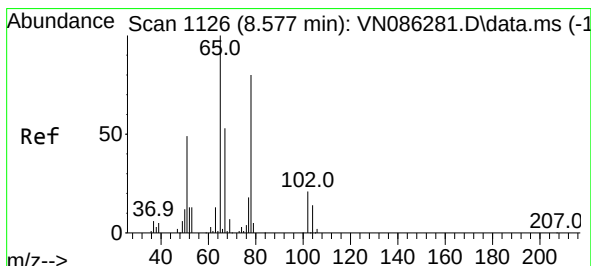
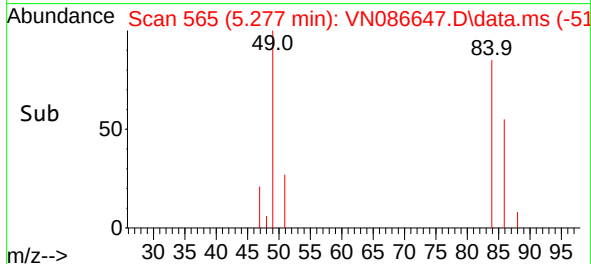
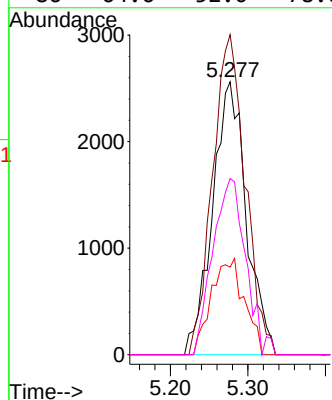
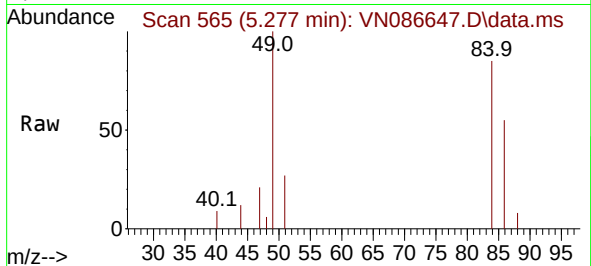




#20
Methylene Chloride
Concen: 2.587 ug/l
RT: 5.277 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN086647.D
Acq: 15 May 2025 16:00

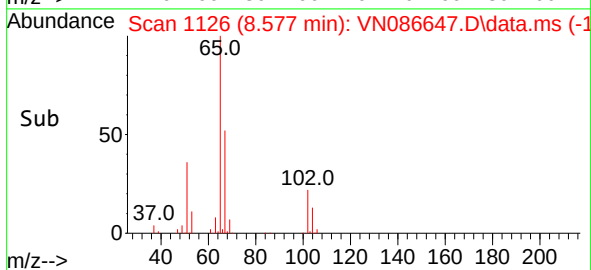
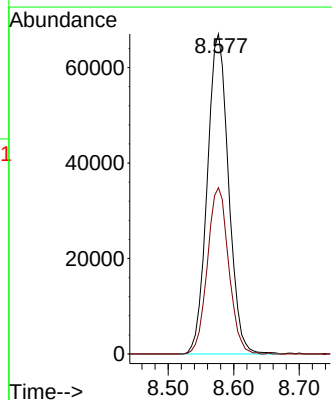
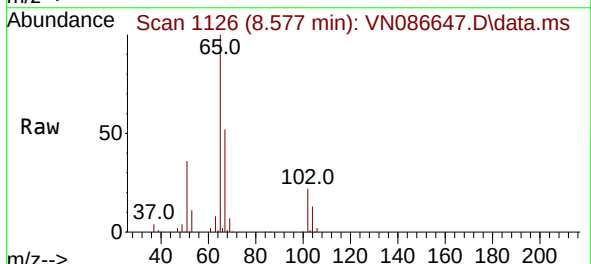
Instrument :
MSVOA_N
ClientSampleId :
PB167995ZHE#09

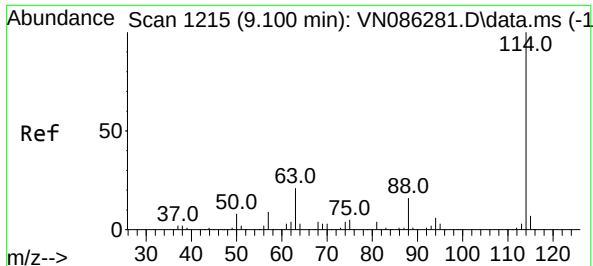
Tgt Ion: 84	Resp: 7753
Ion Ratio	Lower Upper
84 100	
49 117.3	98.2 147.2
51 32.1	29.8 44.6
86 64.6	52.0 78.0



#33
1,2-Dichloroethane-d4
Concen: 46.547 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN086647.D
Acq: 15 May 2025 16:00

Tgt Ion: 65	Resp: 150898
Ion Ratio	Lower Upper
65 100	
67 51.9	0.0 106.0

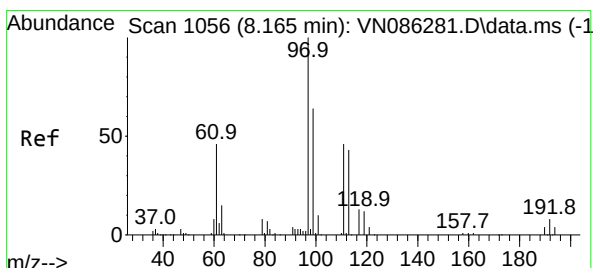
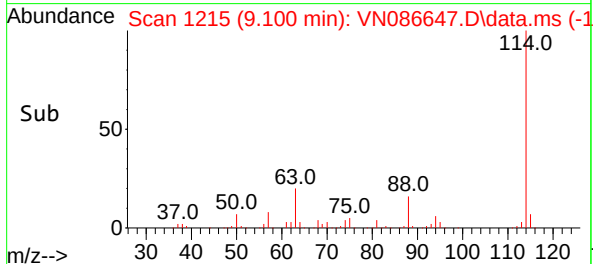
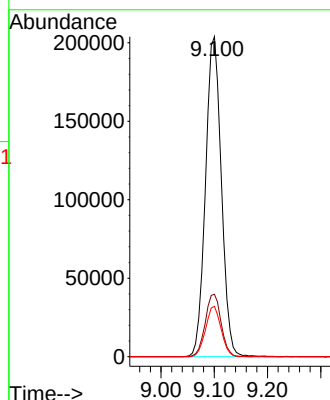
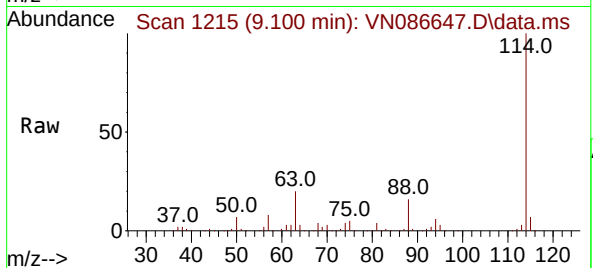




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN086647.D
Acq: 15 May 2025 16:00

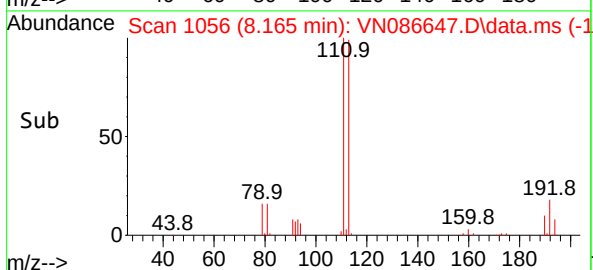
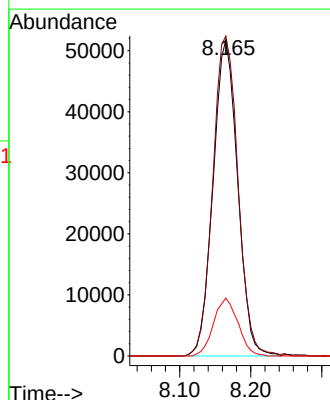
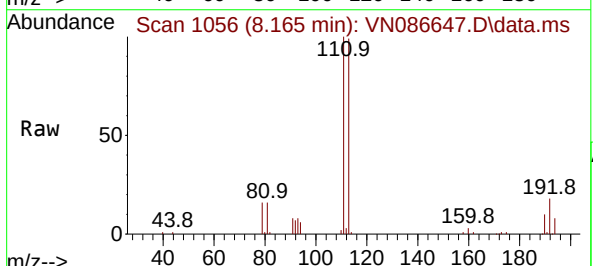
Instrument :
MSVOA_N
ClientSampleId :
PB167995ZHE#09

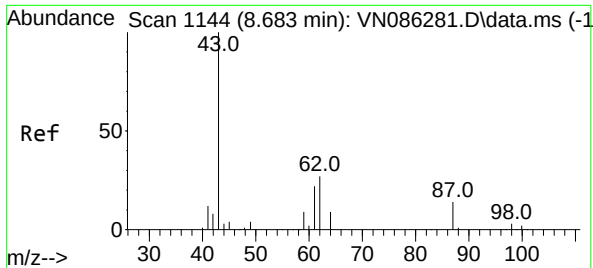
Tgt Ion:114 Resp: 420929
Ion Ratio Lower Upper
114 100
63 19.5 0.0 42.6
88 15.8 0.0 31.8



#35
Dibromofluoromethane
Concen: 63.603 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN086647.D
Acq: 15 May 2025 16:00

Tgt Ion:113 Resp: 124254
Ion Ratio Lower Upper
113 100
111 103.7 83.4 125.0
192 18.2 13.7 20.5

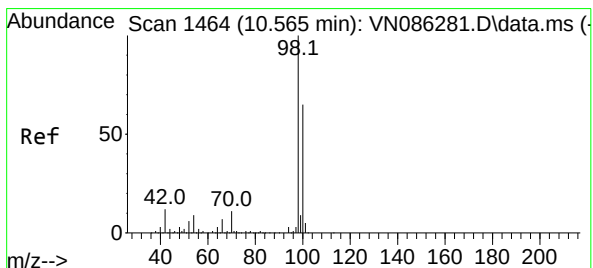
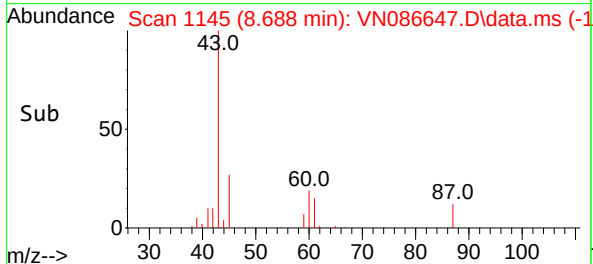
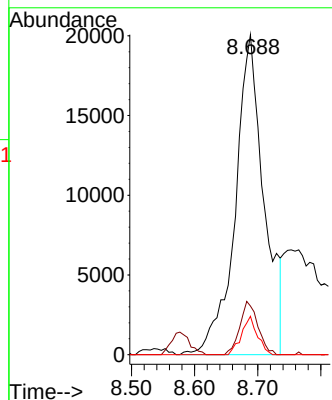
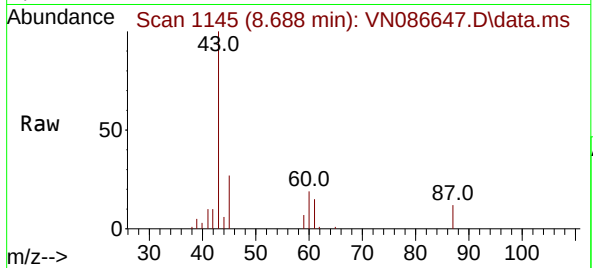




#43
Isopropyl Acetate
Concen: 6.882 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.005 min
Lab File: VN086647.D
Acq: 15 May 2025 16:00

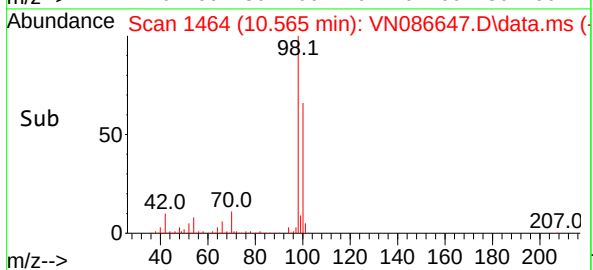
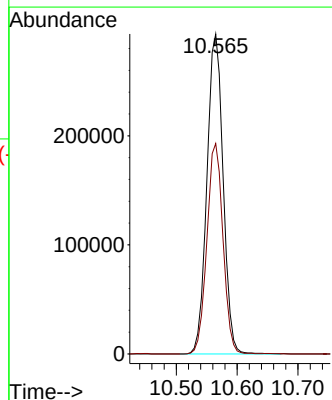
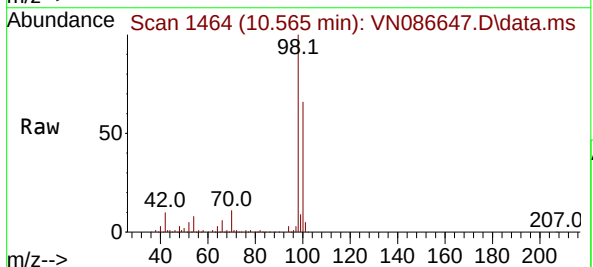
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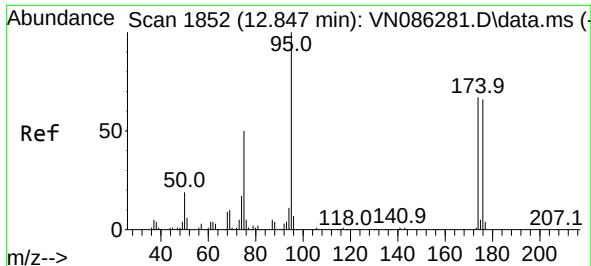
Tgt Ion: 43 Resp: 63566
Ion Ratio Lower Upper
43 100
61 10.5 20.5 30.7#
87 6.6 10.5 15.7#



#50
Toluene-d8
Concen: 51.913 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN086647.D
Acq: 15 May 2025 16:00

Tgt Ion: 98 Resp: 542015
Ion Ratio Lower Upper
98 100
100 65.3 52.5 78.7

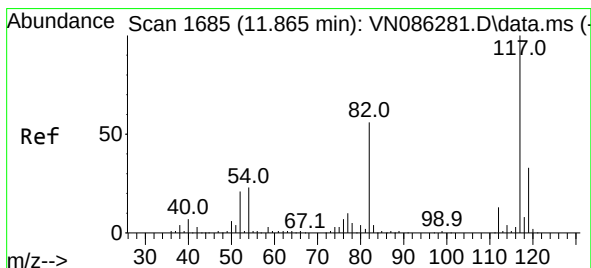
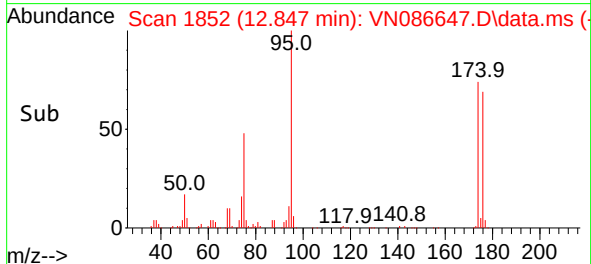
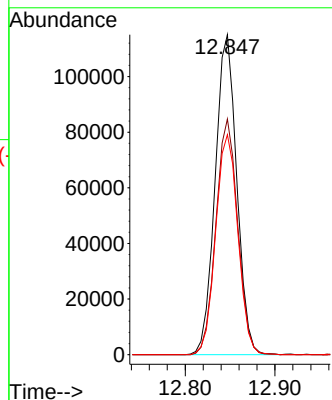
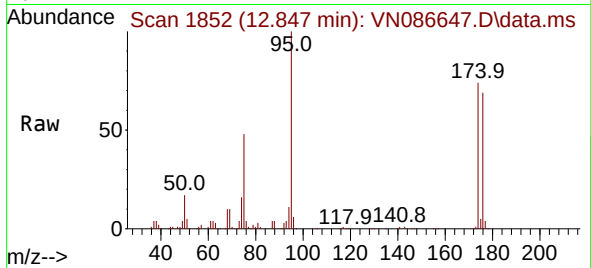




#62
4-Bromofluorobenzene
Concen: 50.499 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086647.D
Acq: 15 May 2025 16:00

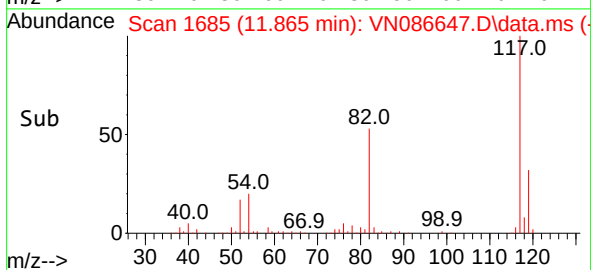
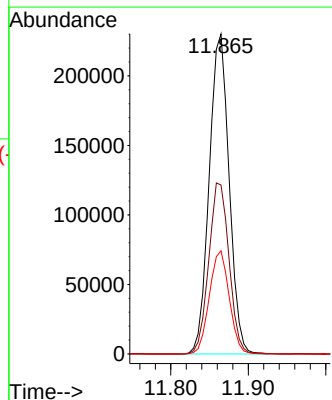
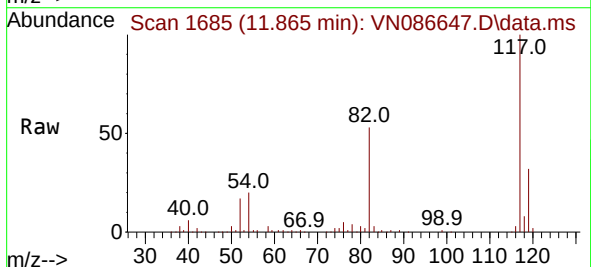
Instrument :
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PB167995ZHE#09

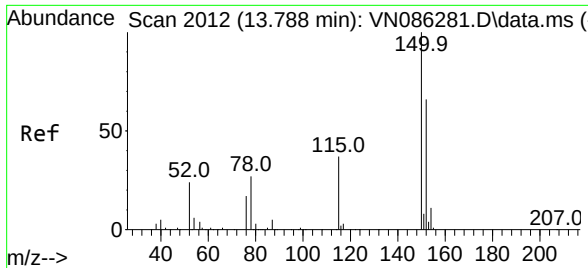
Tgt Ion: 95 Resp: 192311
Ion Ratio Lower Upper
95 100
174 74.4 0.0 133.4
176 70.7 0.0 129.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN086647.D
Acq: 15 May 2025 16:00

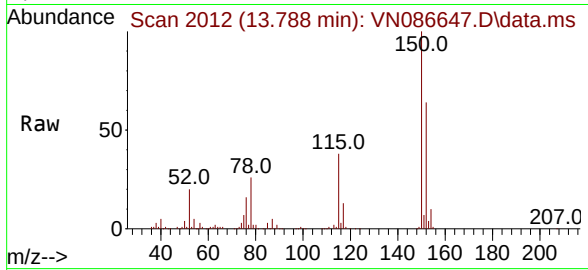
Tgt Ion: 117 Resp: 410683
Ion Ratio Lower Upper
117 100
82 52.8 44.7 67.1
119 32.3 26.4 39.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN086647.D
 Acq: 15 May 2025 16:00

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167995ZHE#09



Tgt Ion:152 Resp: 166378
 Ion Ratio Lower Upper
 152 100
 115 60.8 31.9 95.9
 150 156.9 0.0 352.0

