

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051525\
 Data File : VN086636.D
 Acq On : 15 May 2025 11:34
 Operator : JC\MD
 Sample : PB167995TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167995TB

Quant Time: May 16 05:24:01 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)

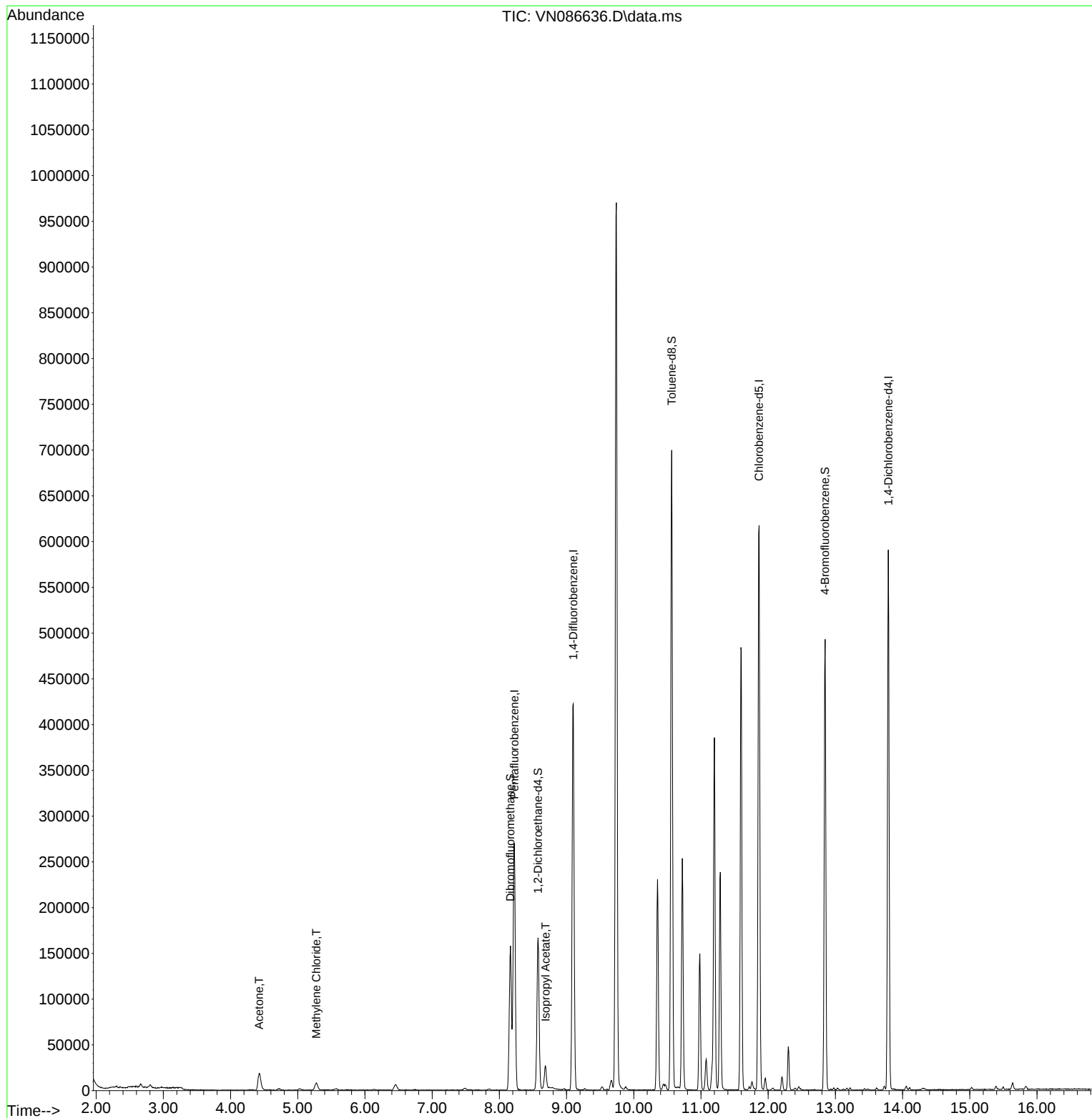
Internal Standards						
1) Pentafluorobenzene	8.224	168	210082	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	390367	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	376634	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	164068	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	140254	46.040	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.080%
35) Dibromofluoromethane	8.165	113	115171	63.569	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	127.140%#
50) Toluene-d8	10.565	98	496514	51.278	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.560%
62) 4-Bromofluorobenzene	12.847	95	182720	51.737	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	103.480%
Target Compounds						
					Qvalue	
16) Acetone	4.424	43	37561	30.655	ug/l	99
20) Methylene Chloride	5.277	84	6723	2.387	ug/l #	84
43) Isopropyl Acetate	8.688	43	33021	3.022	ug/l #	90

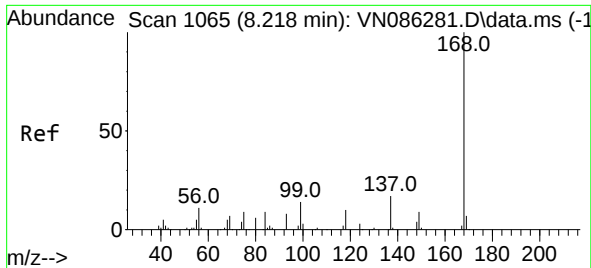
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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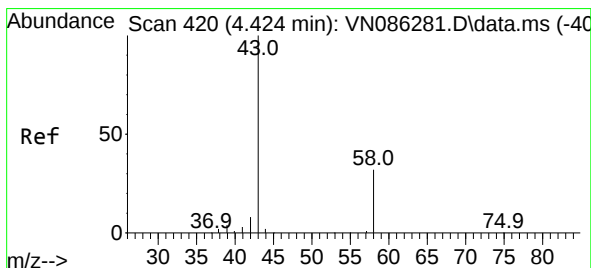
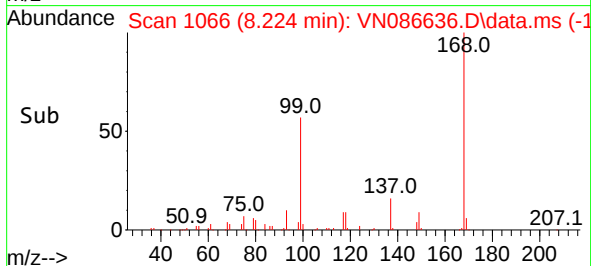
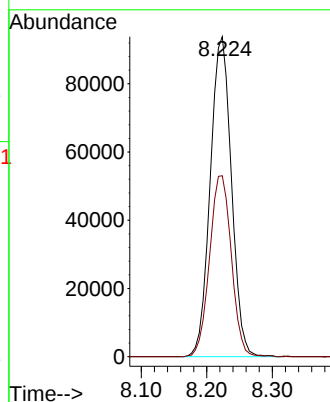
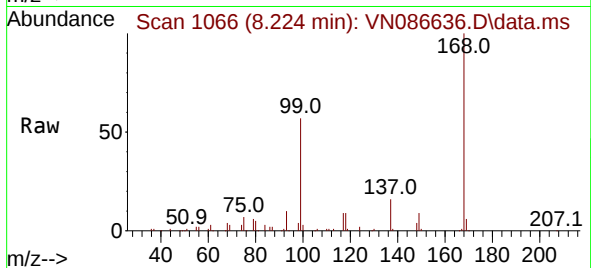




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN086636.D
Acq: 15 May 2025 11:34

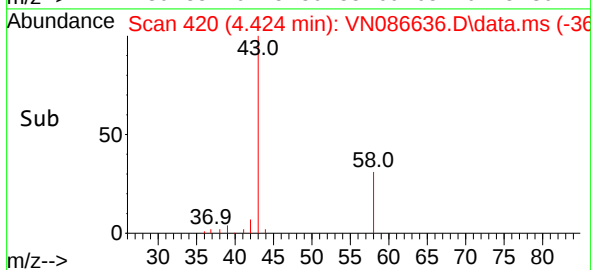
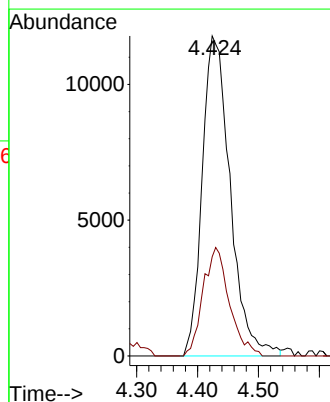
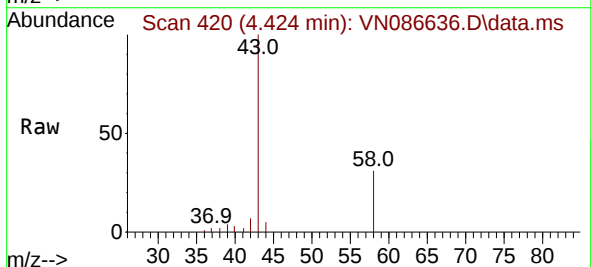
Instrument :
MSVOA_N
ClientSampleId :
PB167995TB

Tgt Ion:168 Resp: 210082
Ion Ratio Lower Upper
168 100
99 56.6 52.5 78.7



#16
Acetone
Concen: 30.655 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN086636.D
Acq: 15 May 2025 11:34

Tgt Ion: 43 Resp: 37561
Ion Ratio Lower Upper
43 100
58 31.0 25.3 37.9

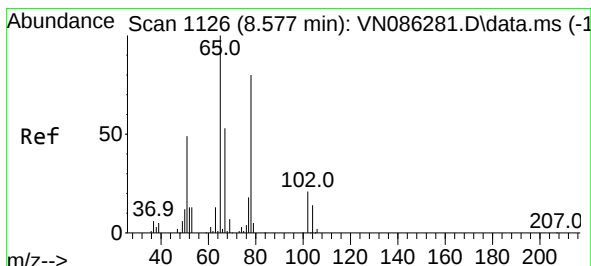
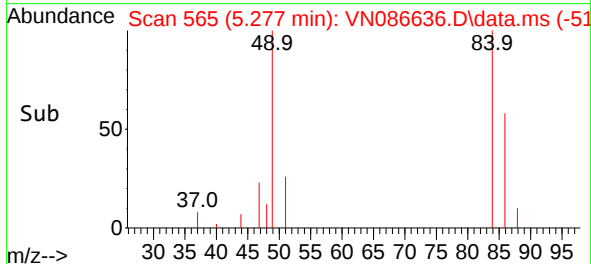
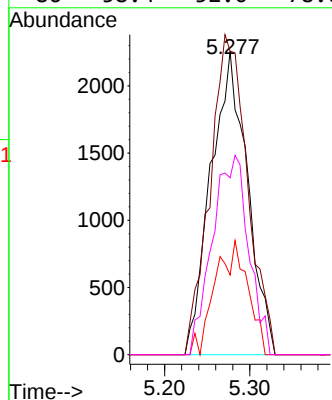
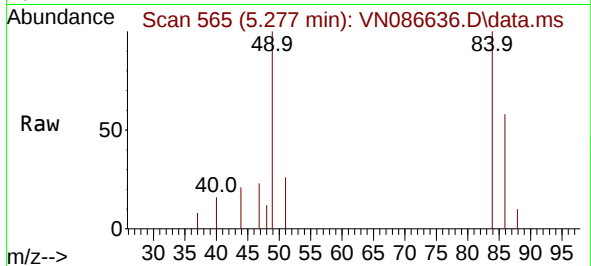




#20
Methylene Chloride
Concen: 2.387 ug/l
RT: 5.277 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN086636.D
Acq: 15 May 2025 11:34

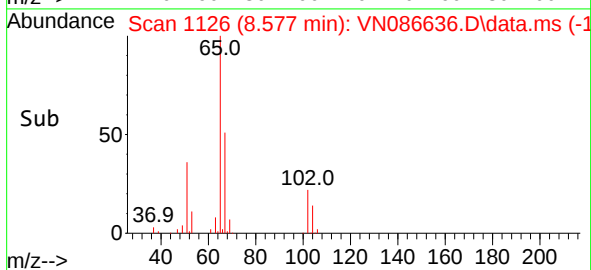
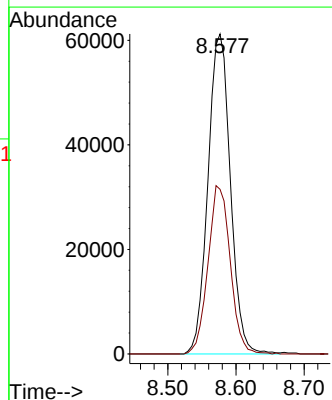
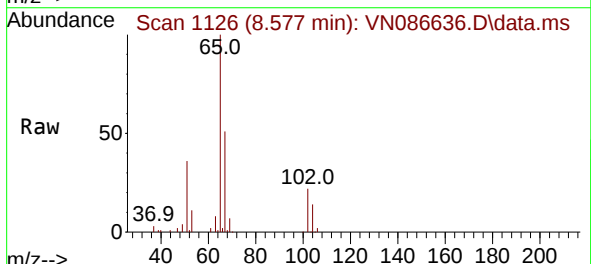
Instrument :
MSVOA_N
ClientSampleId :
PB167995TB

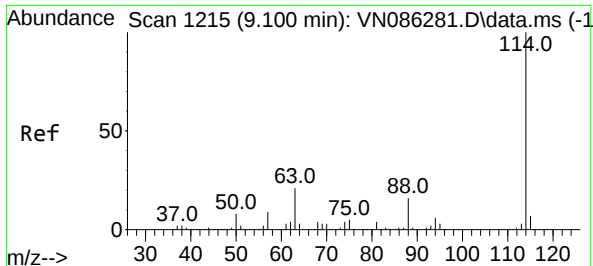
Tgt Ion:	84	Resp:	6723
Ion	Ratio	Lower	Upper
84	100		
49	100.1	98.2	147.2
51	26.3	29.8	44.6#
86	58.4	52.0	78.0



#33
1,2-Dichloroethane-d4
Concen: 46.040 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086636.D
Acq: 15 May 2025 11:34

Tgt Ion:	65	Resp:	140254
Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	106.0

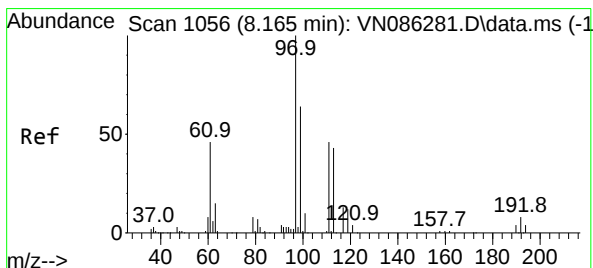
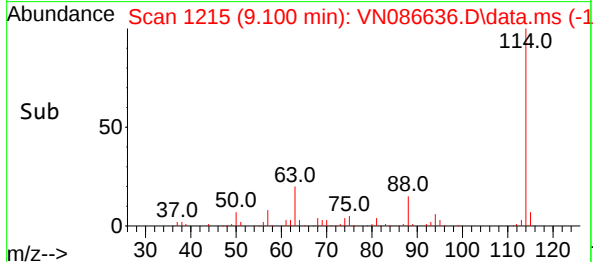
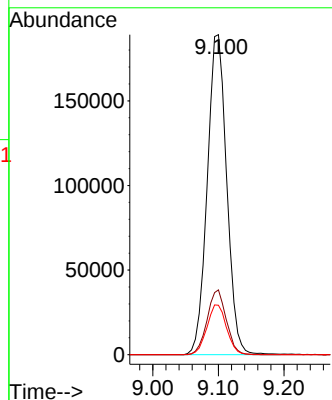
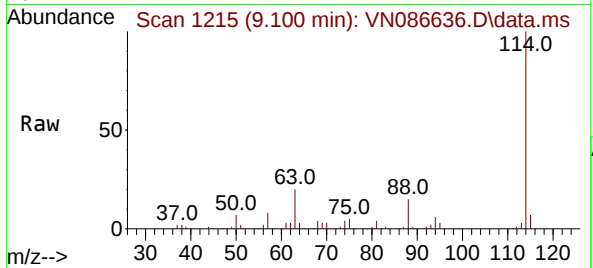




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086636.D
Acq: 15 May 2025 11:34

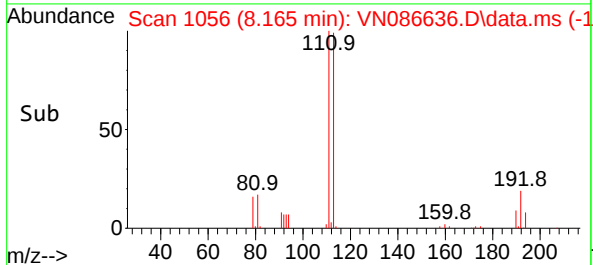
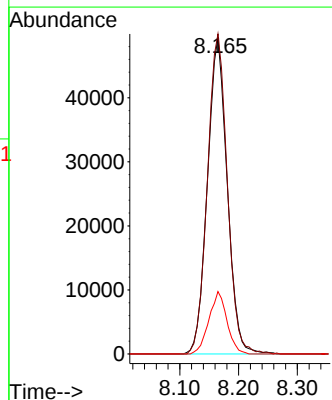
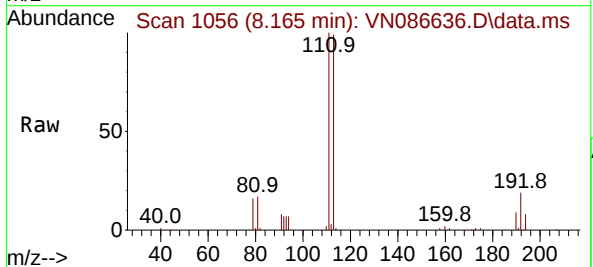
Instrument :
MSVOA_N
ClientSampleId :
PB167995TB

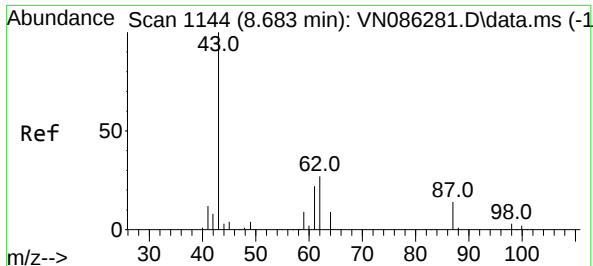
Tgt Ion:114 Resp: 390367
Ion Ratio Lower Upper
114 100
63 20.3 0.0 42.6
88 15.5 0.0 31.8



#35
Dibromofluoromethane
Concen: 63.569 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086636.D
Acq: 15 May 2025 11:34

Tgt Ion:113 Resp: 115171
Ion Ratio Lower Upper
113 100
111 101.7 83.4 125.0
192 18.0 13.7 20.5

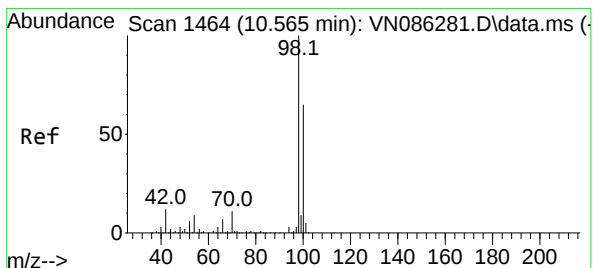
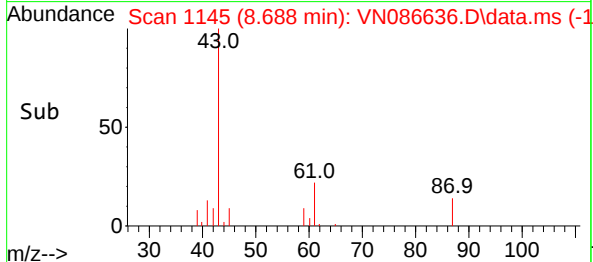
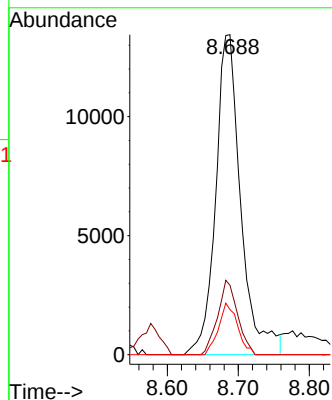
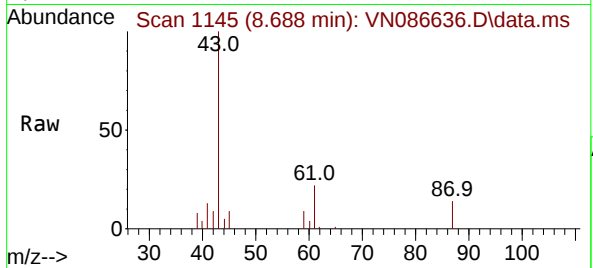




#43
Isopropyl Acetate
Concen: 3.022 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.005 min
Lab File: VN086636.D
Acq: 15 May 2025 11:34

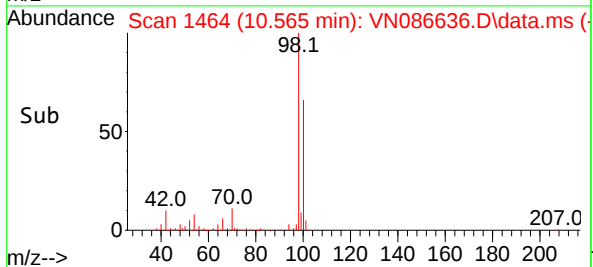
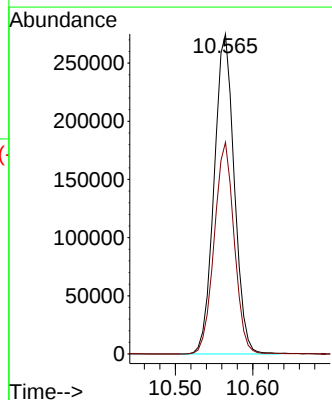
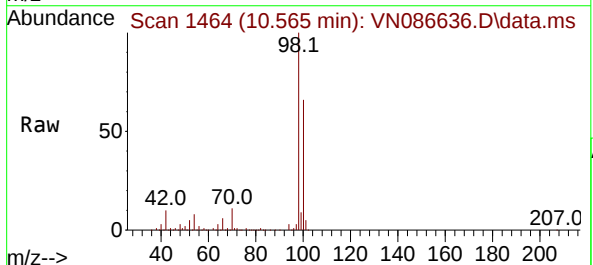
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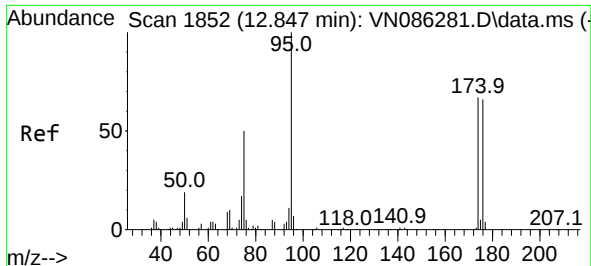
Tgt Ion: 43 Resp: 33021
Ion Ratio Lower Upper
43 100
61 18.4 20.5 30.7#
87 12.2 10.5 15.7



#50
Toluene-d8
Concen: 51.278 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086636.D
Acq: 15 May 2025 11:34

Tgt Ion: 98 Resp: 496514
Ion Ratio Lower Upper
98 100
100 65.6 52.5 78.7

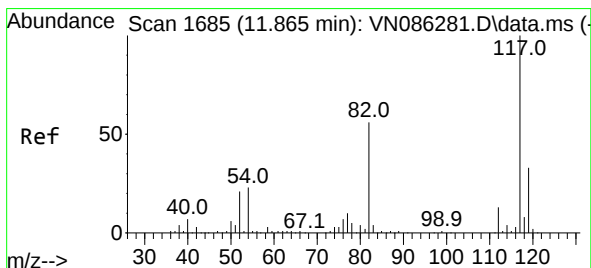
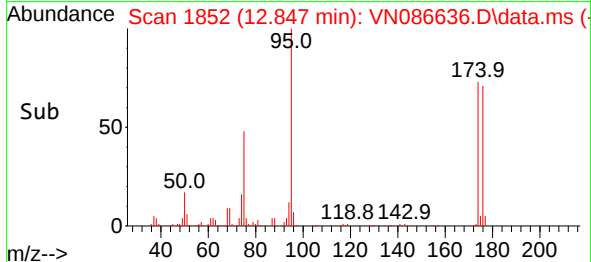
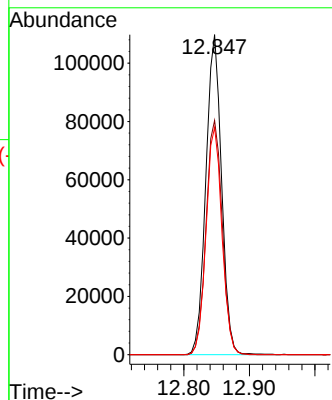
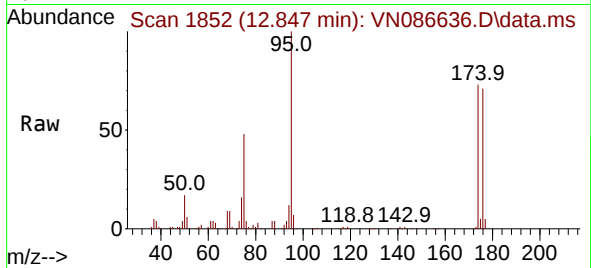




#62
4-Bromofluorobenzene
Concen: 51.737 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086636.D
Acq: 15 May 2025 11:34

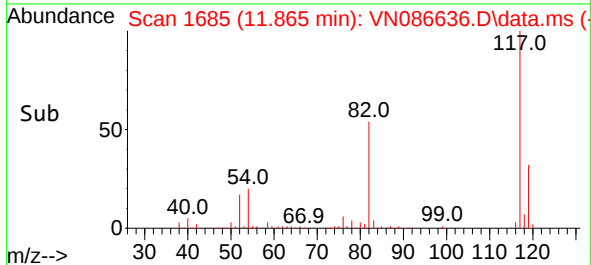
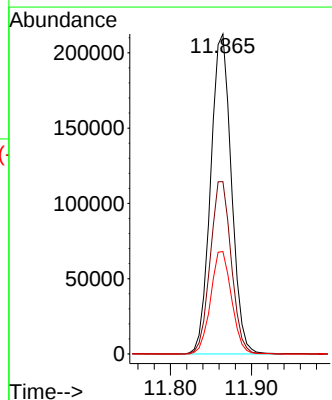
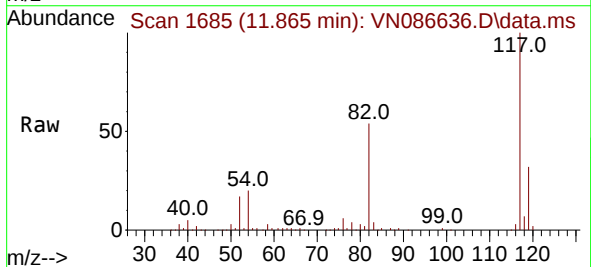
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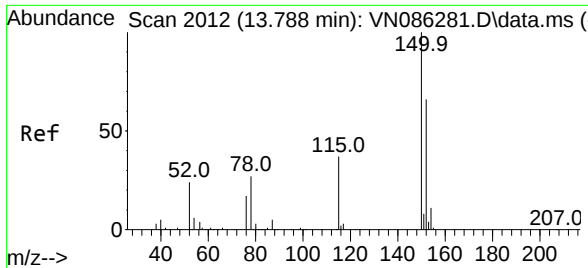
Tgt Ion: 95 Resp: 182720
Ion Ratio Lower Upper
95 100
174 75.7 0.0 133.4
176 71.8 0.0 129.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086636.D
Acq: 15 May 2025 11:34

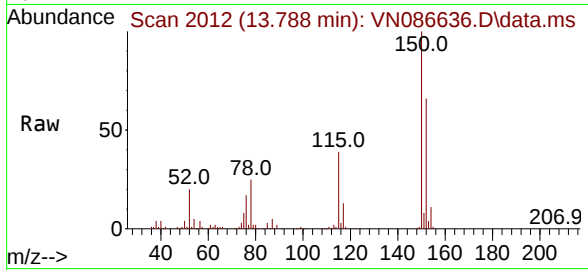
Tgt Ion: 117 Resp: 376634
Ion Ratio Lower Upper
117 100
82 53.8 44.7 67.1
119 32.0 26.4 39.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN086636.D
 Acq: 15 May 2025 11:34

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167995TB



Tgt Ion:152 Resp: 164068
 Ion Ratio Lower Upper
 152 100
 115 61.3 31.9 95.9
 150 157.7 0.0 352.0

