

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051525\
 Data File : VN086642.D
 Acq On : 15 May 2025 13:59
 Operator : JC\MD
 Sample : PB167995ZHE#04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167995ZHE#04

Quant Time: May 16 05:26:58 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)

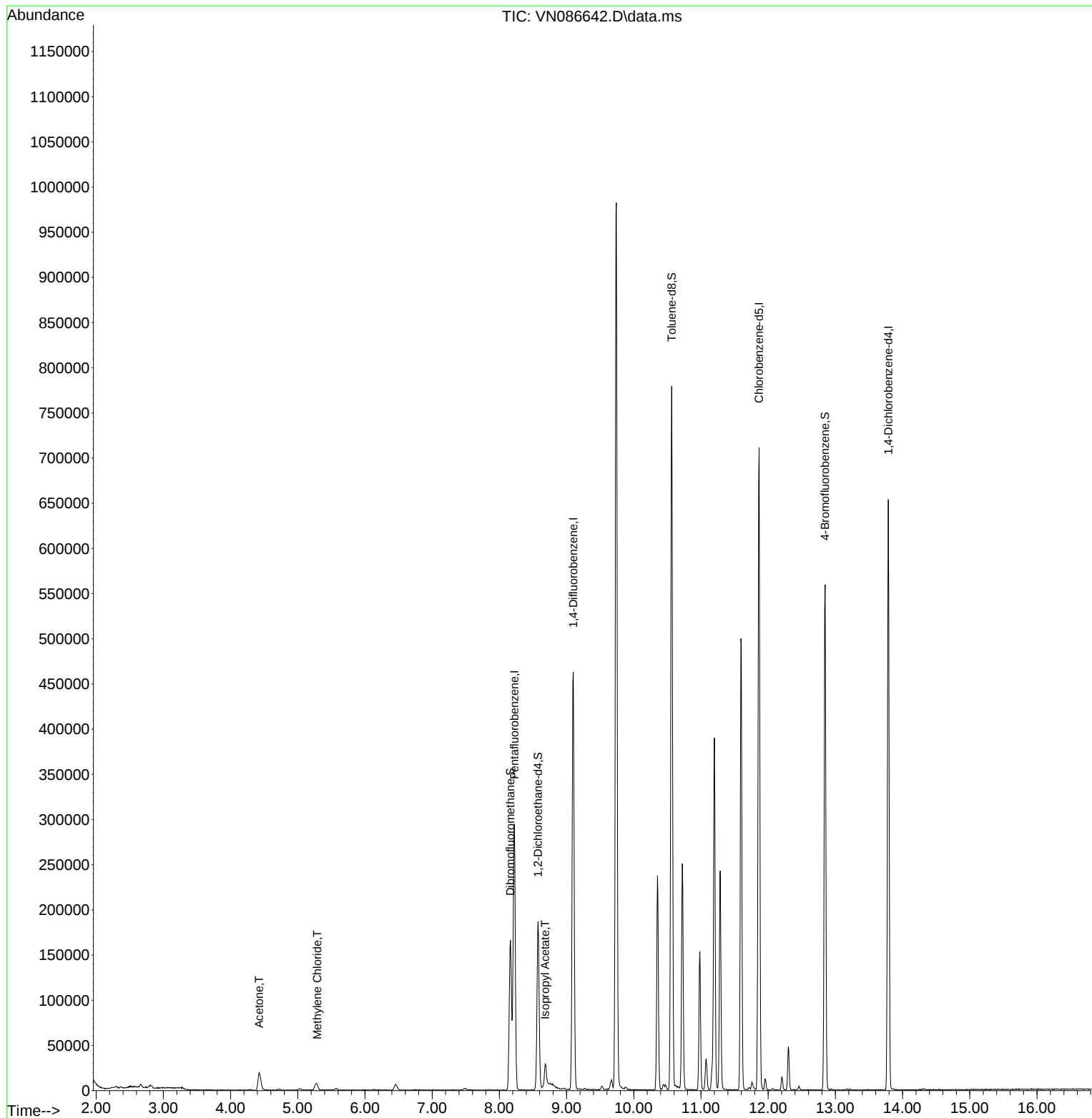
Internal Standards						
1) Pentafluorobenzene	8.224	168	227425	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	429084	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	430918	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	183366	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	155682	47.207	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.420%
35) Dibromofluoromethane	8.165	113	124923	62.730	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	125.460%#
50) Toluene-d8	10.565	98	555372	52.181	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.360%
62) 4-Bromofluorobenzene	12.847	95	210312	54.176	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	108.360%
Target Compounds						
					Qvalue	
16) Acetone	4.424	43	38300	28.535	ug/l	92
20) Methylene Chloride	5.289	84	6946	2.278	ug/l #	77
43) Isopropyl Acetate	8.682	43	39535	3.459	ug/l #	84

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

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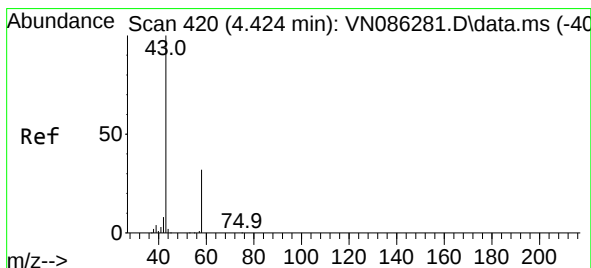
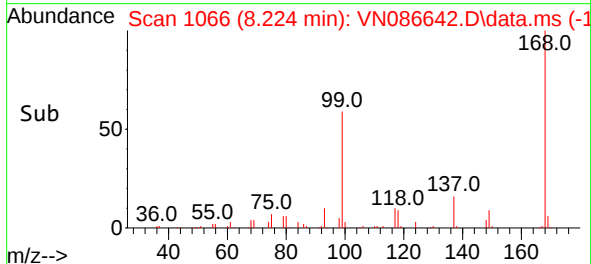
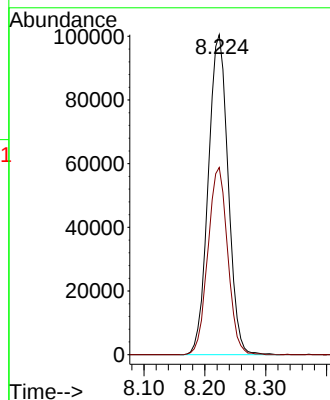
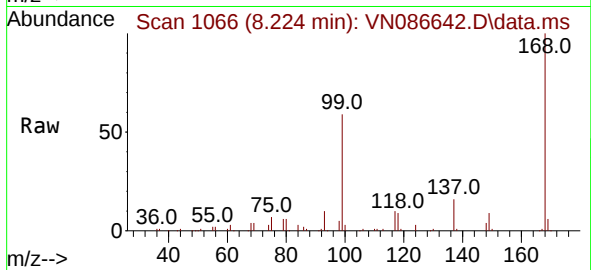




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN086642.D
Acq: 15 May 2025 13:59

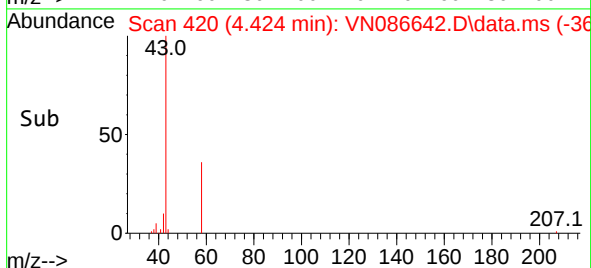
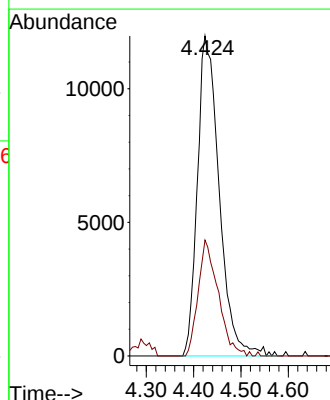
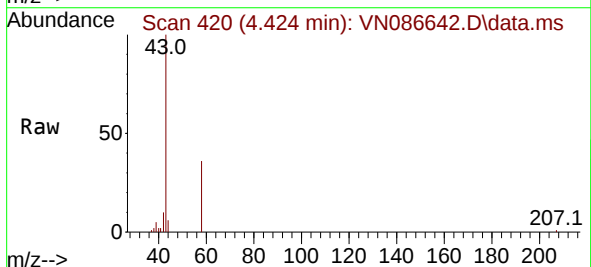
Instrument :
MSVOA_N
ClientSampleId :
PB167995ZHE#04

Tgt Ion:168 Resp: 227425
Ion Ratio Lower Upper
168 100
99 58.5 52.5 78.7



#16
Acetone
Concen: 28.535 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN086642.D
Acq: 15 May 2025 13:59

Tgt Ion: 43 Resp: 38300
Ion Ratio Lower Upper
43 100
58 36.2 25.3 37.9

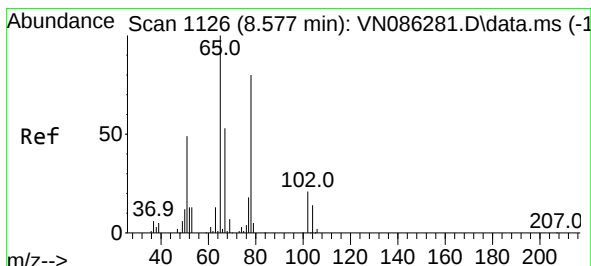
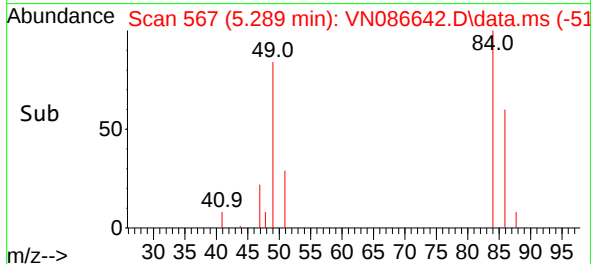
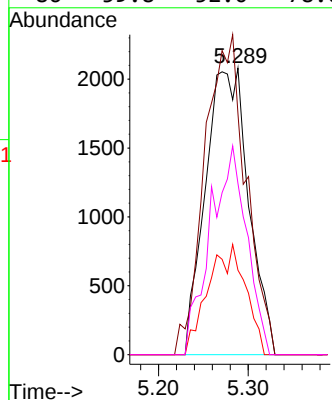
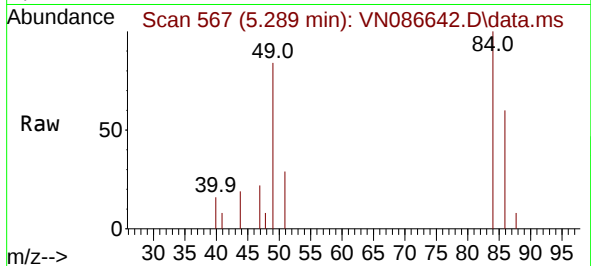




#20
Methylene Chloride
Concen: 2.278 ug/l
RT: 5.289 min Scan# 51
Delta R.T. 0.018 min
Lab File: VN086642.D
Acq: 15 May 2025 13:59

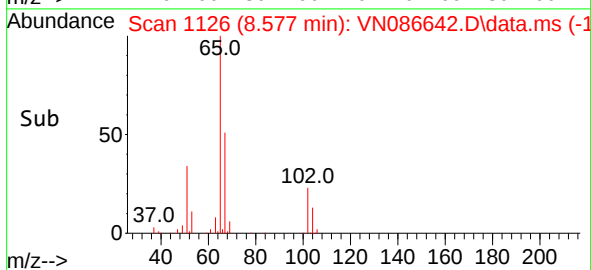
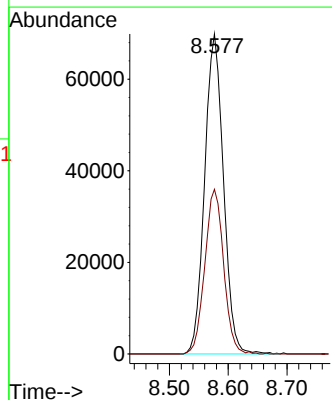
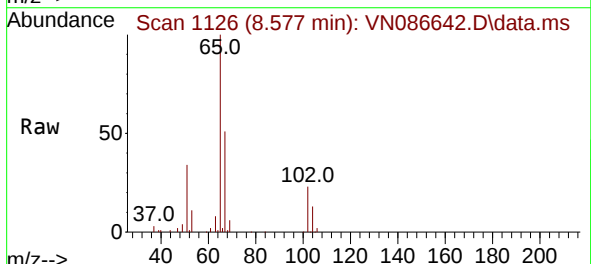
Instrument :
MSVOA_N
ClientSampleId :
PB167995ZHE#04

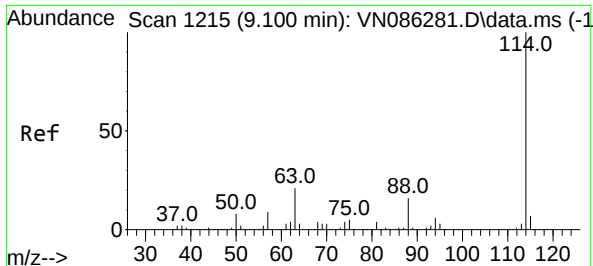
Tgt Ion: 84	Resp: 6946
Ion Ratio	Lower Upper
84 100	
49 84.1	98.2 147.2#
51 29.5	29.8 44.6#
86 59.8	52.0 78.0



#33
1,2-Dichloroethane-d4
Concen: 47.207 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086642.D
Acq: 15 May 2025 13:59

Tgt Ion: 65	Resp: 155682
Ion Ratio	Lower Upper
65 100	
67 51.5	0.0 106.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN086642.D

Acq: 15 May 2025 13:59

Instrument :

MSVOA_N

ClientSampleId :

PB167995ZHE#04

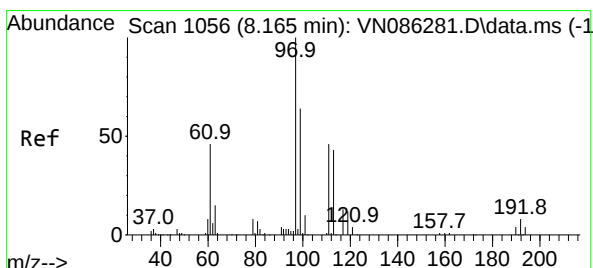
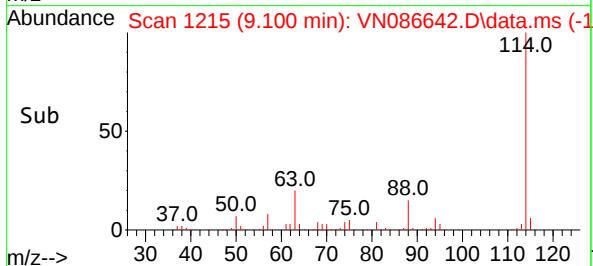
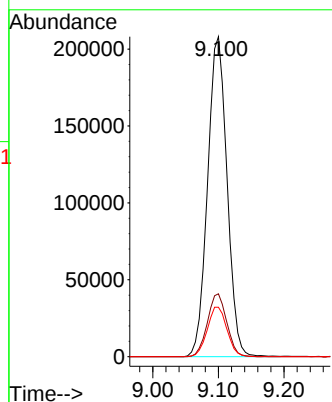
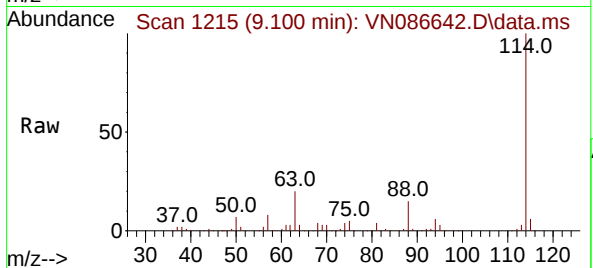
Tgt Ion:114 Resp: 429084

Ion Ratio Lower Upper

114 100

63 19.6 0.0 42.6

88 15.4 0.0 31.8



#35

Dibromofluoromethane

Concen: 62.730 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN086642.D

Acq: 15 May 2025 13:59

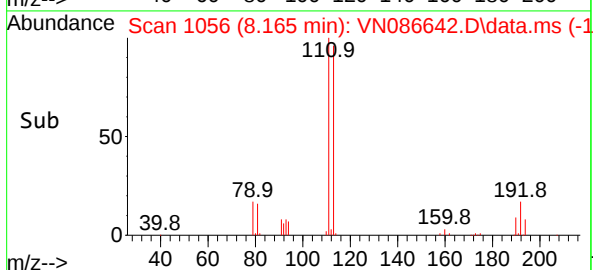
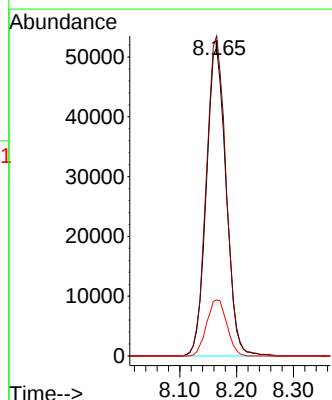
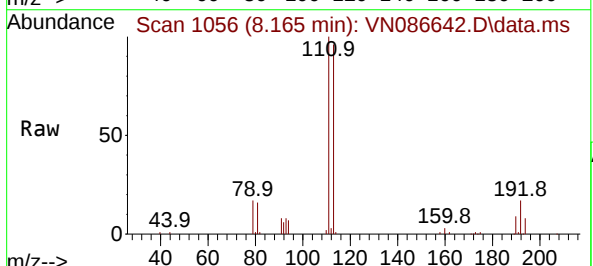
Tgt Ion:113 Resp: 124923

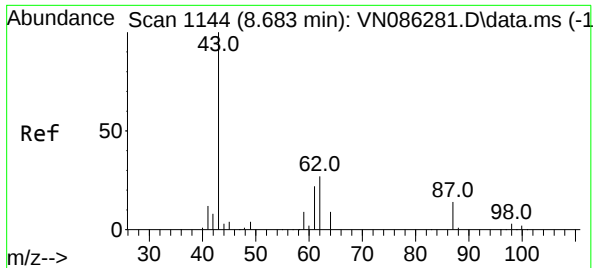
Ion Ratio Lower Upper

113 100

111 103.3 83.4 125.0

192 18.5 13.7 20.5

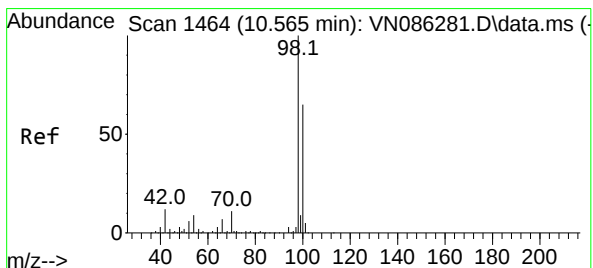
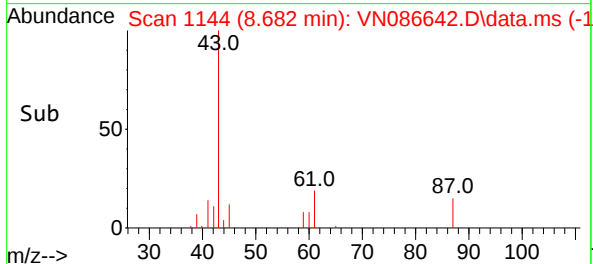
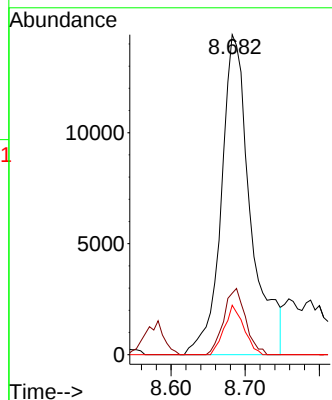
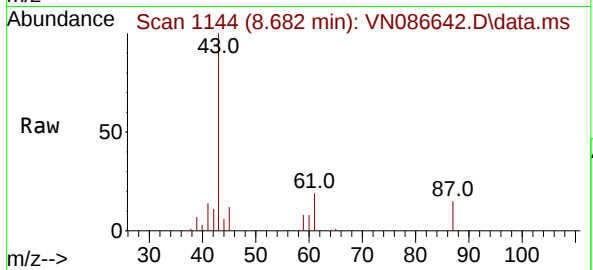




#43
Isopropyl Acetate
Concen: 3.459 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.001 min
Lab File: VN086642.D
Acq: 15 May 2025 13:59

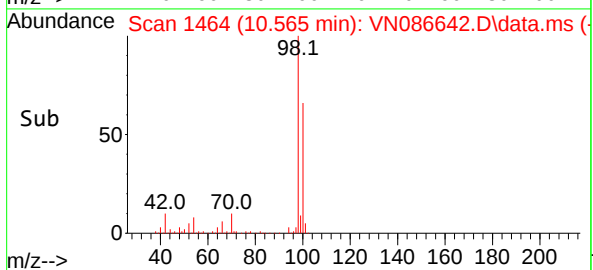
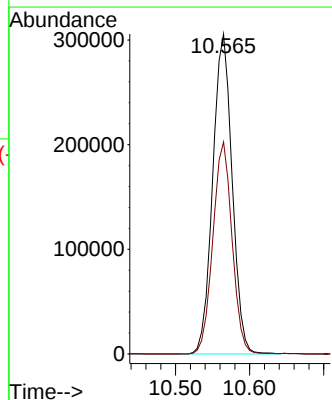
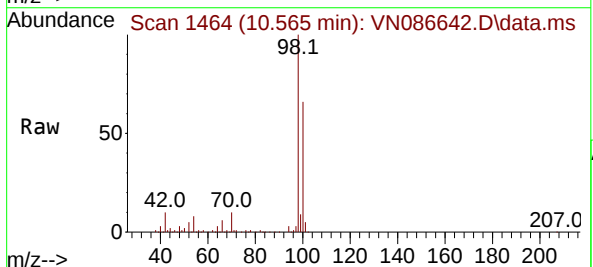
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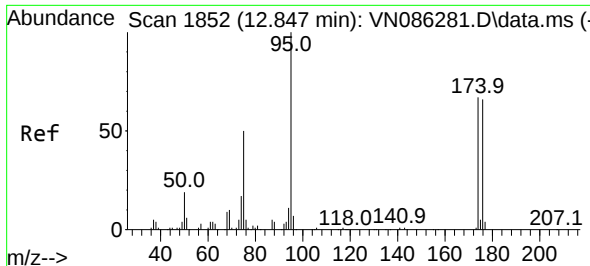
Tgt Ion: 43 Resp: 39535
Ion Ratio Lower Upper
43 100
61 15.5 20.5 30.7#
87 10.3 10.5 15.7#



#50
Toluene-d8
Concen: 52.181 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086642.D
Acq: 15 May 2025 13:59

Tgt Ion: 98 Resp: 555372
Ion Ratio Lower Upper
98 100
100 65.5 52.5 78.7

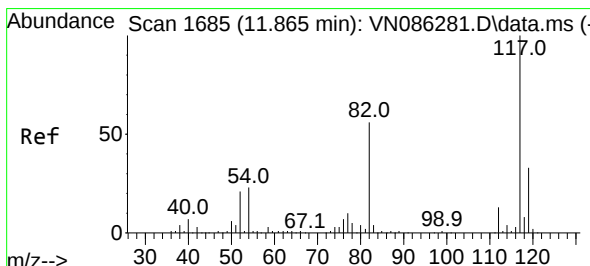
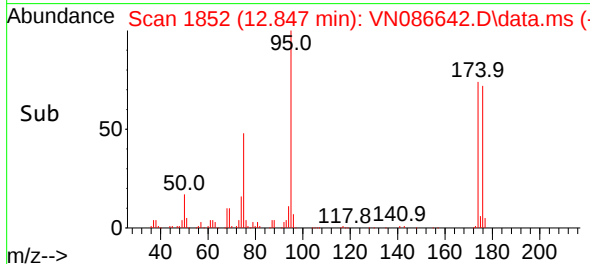
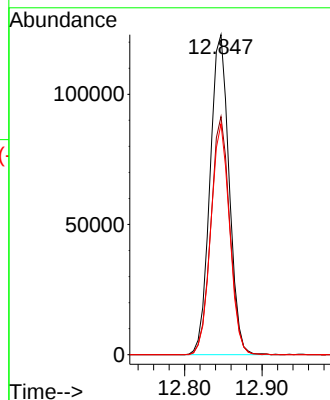
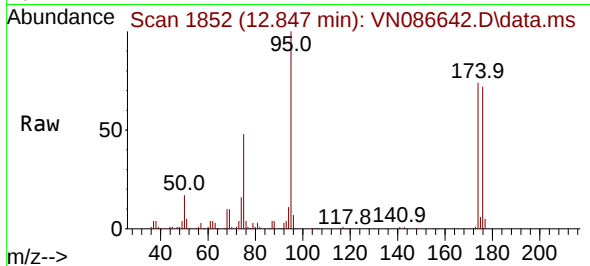




#62
4-Bromofluorobenzene
Concen: 54.176 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086642.D
Acq: 15 May 2025 13:59

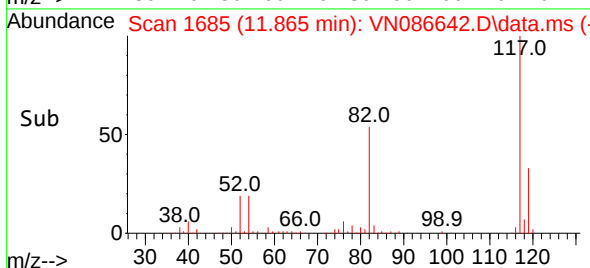
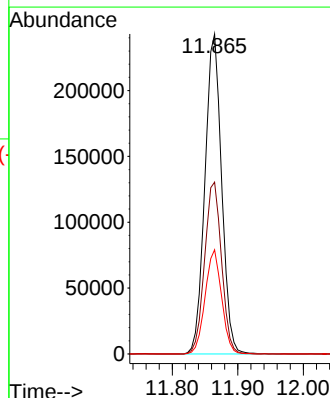
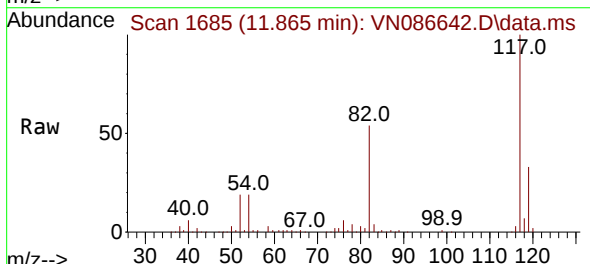
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PB167995ZHE#04

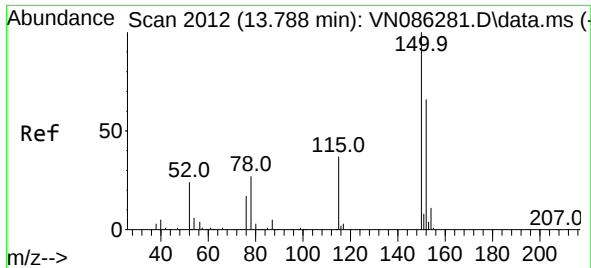
Tgt Ion: 95 Resp: 210312
Ion Ratio Lower Upper
95 100
174 73.7 0.0 133.4
176 70.8 0.0 129.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086642.D
Acq: 15 May 2025 13:59

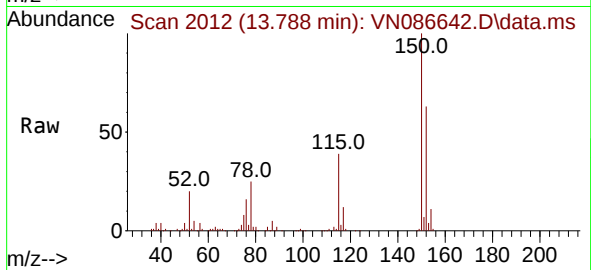
Tgt Ion: 117 Resp: 430918
Ion Ratio Lower Upper
117 100
82 53.7 44.7 67.1
119 32.5 26.4 39.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN086642.D
 Acq: 15 May 2025 13:59

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167995ZHE#04



Tgt Ion:152 Resp: 183366
 Ion Ratio Lower Upper
 152 100
 115 60.9 31.9 95.9
 150 158.4 0.0 352.0

