

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041825\
 Data File : VN086341.D
 Acq On : 18 Apr 2025 14:07
 Operator : JC\MD
 Sample : PB167623ZHE#06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167623ZHE#06

Quant Time: Apr 19 02:24:49 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)

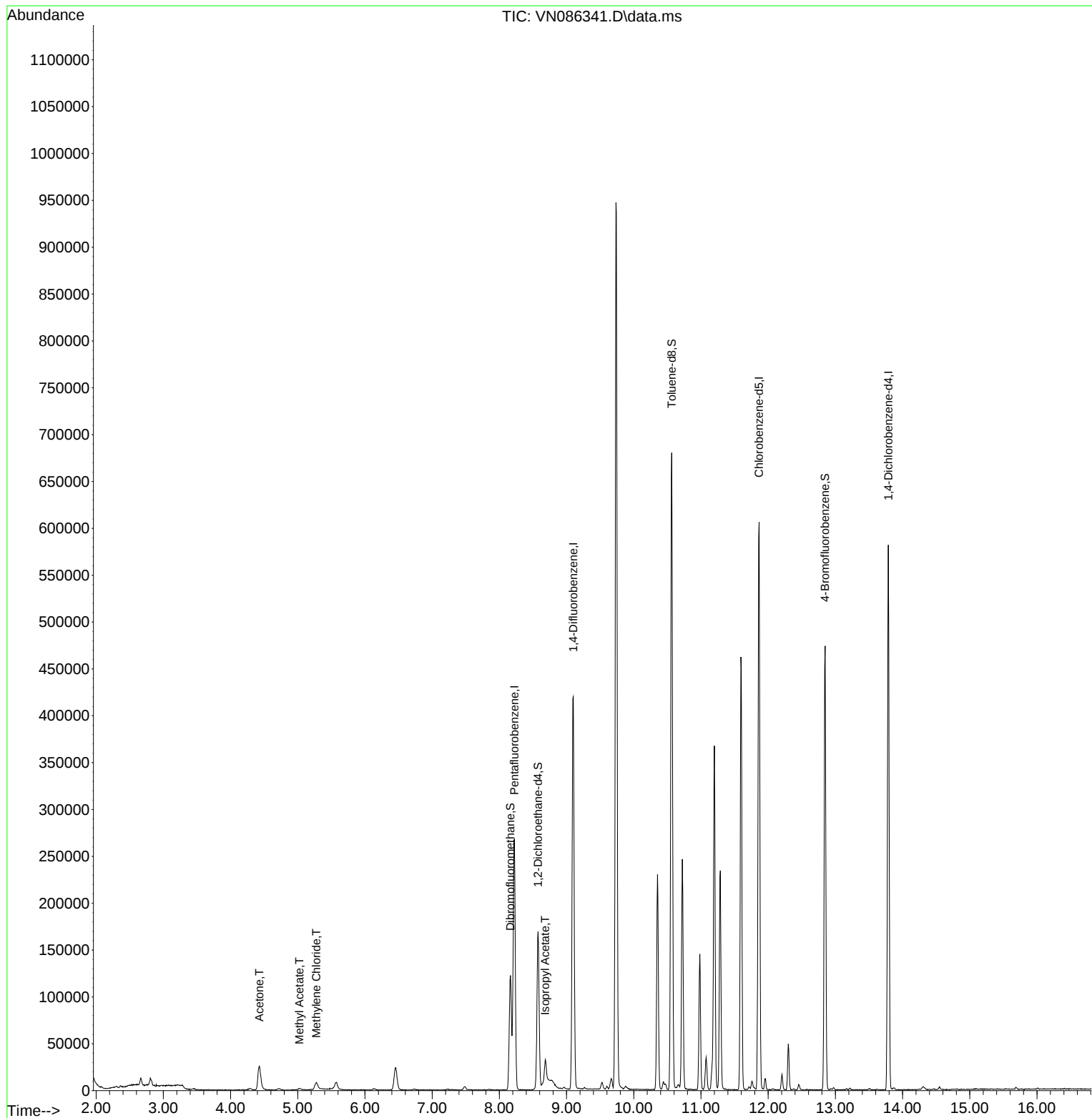
Internal Standards						
1) Pentafluorobenzene	8.224	168	196766	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	376539	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	353824	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	154059	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	139583	48.920	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.840%
35) Dibromofluoromethane	8.165	113	92133	52.721	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.440%
50) Toluene-d8	10.565	98	478953	51.281	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.560%
62) 4-Bromofluorobenzene	12.847	95	175618	51.552	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	103.100%
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	51733	47.826	ug/l	99
18) Methyl Acetate	5.024	43	4032	1.177	ug/l #	86
20) Methylene Chloride	5.277	84	5816	2.205	ug/l #	91
43) Isopropyl Acetate	8.682	43	49612	5.761	ug/l #	77

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

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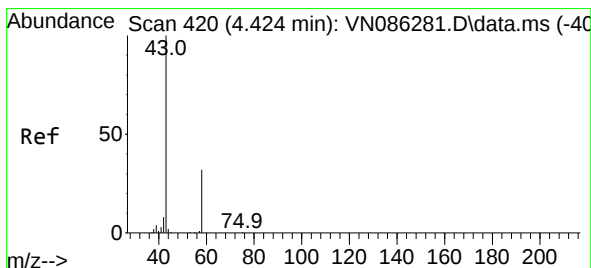
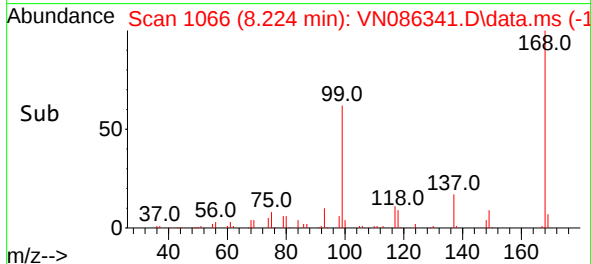
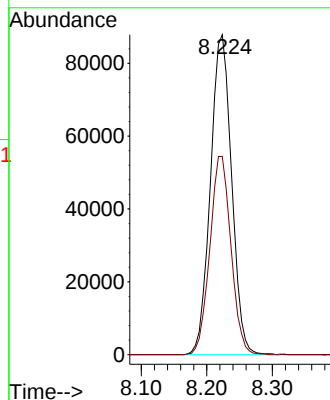
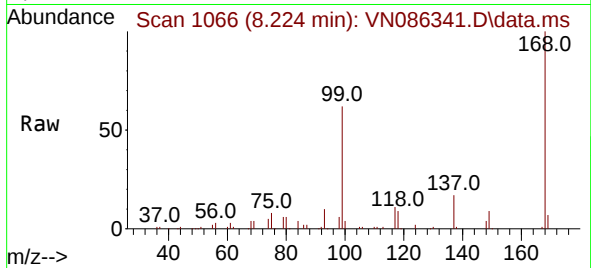




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN086341.D
Acq: 18 Apr 2025 14:07

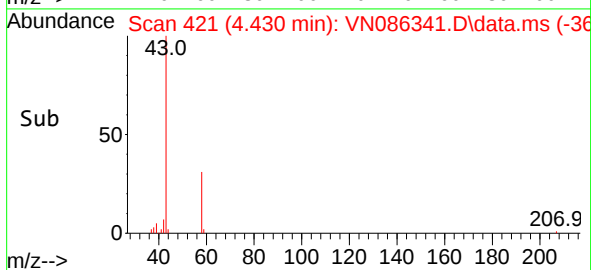
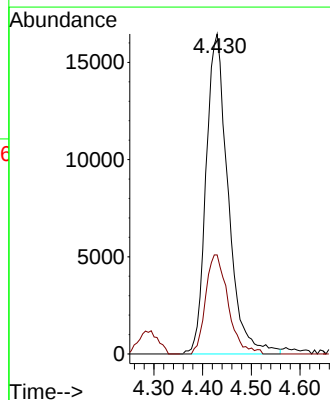
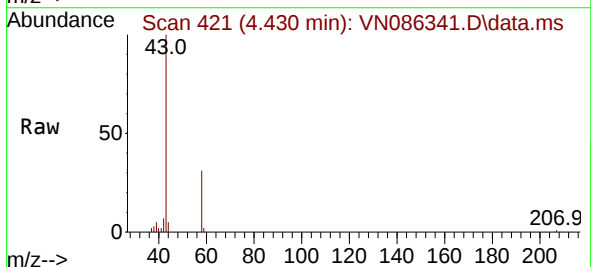
Instrument :
MSVOA_N
ClientSampleId :
PB167623ZHE#06

Tgt Ion:168 Resp: 196766
Ion Ratio Lower Upper
168 100
99 62.0 52.5 78.7



#16
Acetone
Concen: 47.826 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN086341.D
Acq: 18 Apr 2025 14:07

Tgt Ion: 43 Resp: 51733
Ion Ratio Lower Upper
43 100
58 31.0 25.3 37.9

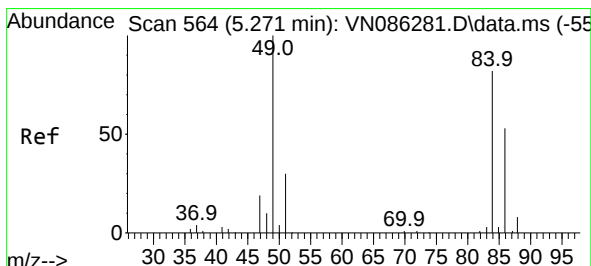
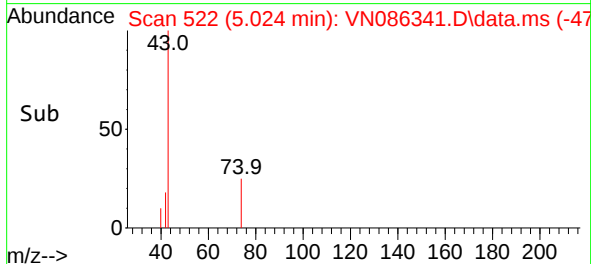
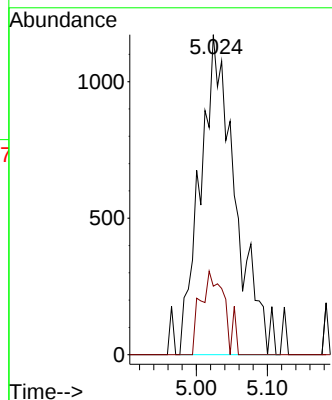
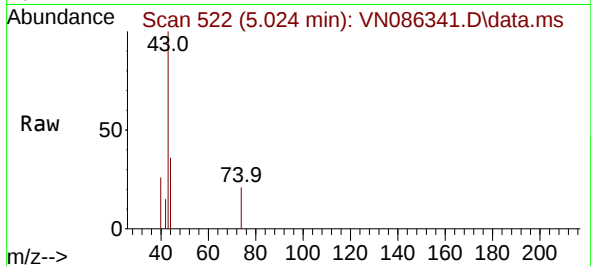




#18
Methyl Acetate
Concen: 1.177 ug/l
RT: 5.024 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN086341.D
Acq: 18 Apr 2025 14:07

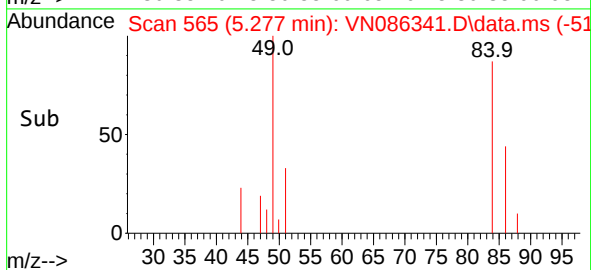
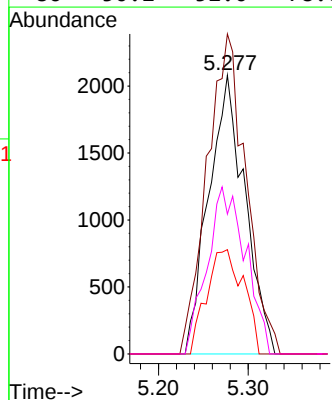
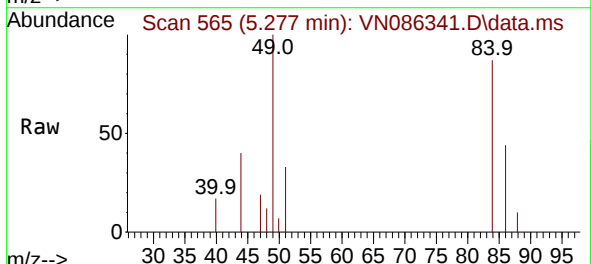
Instrument :
MSVOA_N
ClientSampleId :
PB167623ZHE#06

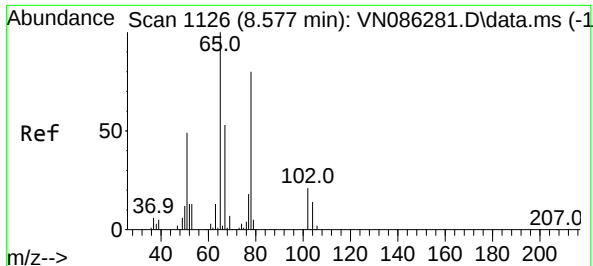
Tgt Ion: 43 Resp: 4032
Ion Ratio Lower Upper
43 100
74 17.8 19.8 29.6#



#20
Methylene Chloride
Concen: 2.205 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN086341.D
Acq: 18 Apr 2025 14:07

Tgt Ion: 84 Resp: 5816
Ion Ratio Lower Upper
84 100
49 114.8 98.2 147.2
51 37.4 29.8 44.6
86 50.2 52.0 78.0#





#33

1,2-Dichloroethane-d4

Concen: 48.920 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086341.D

Acq: 18 Apr 2025 14:07

Instrument :

MSVOA_N

ClientSampleId :

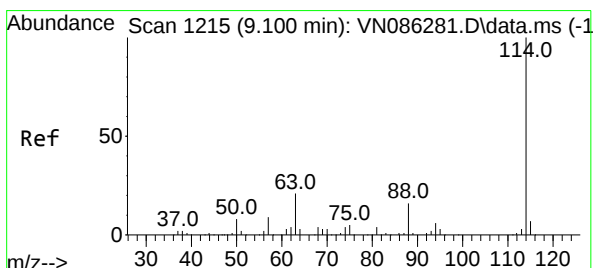
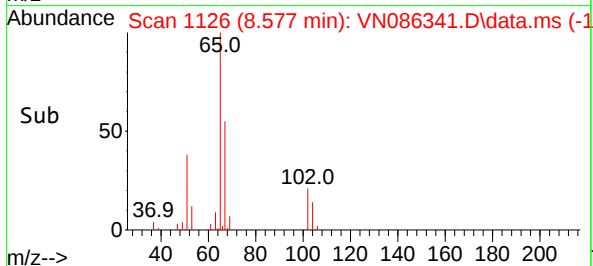
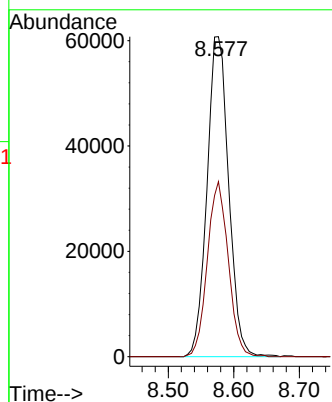
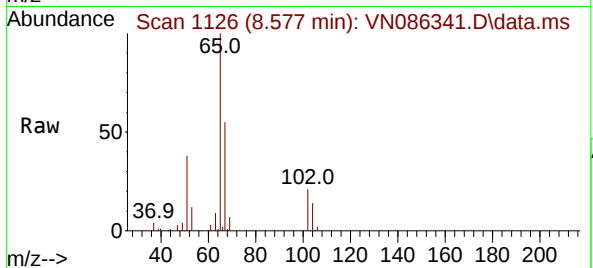
PB167623ZHE#06

Tgt Ion: 65 Resp: 139583

Ion Ratio Lower Upper

65 100

67 52.8 0.0 106.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN086341.D

Acq: 18 Apr 2025 14:07

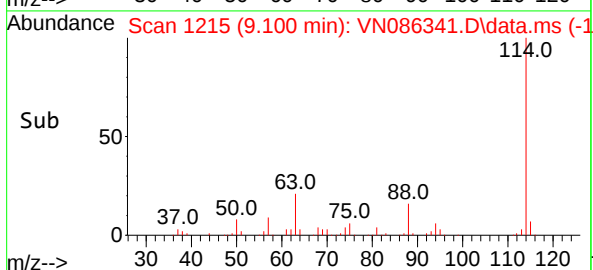
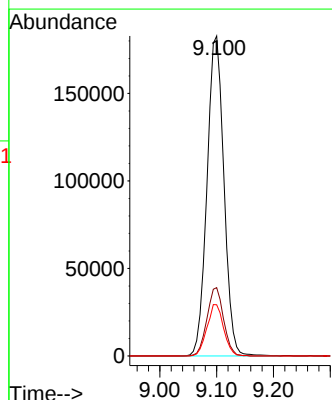
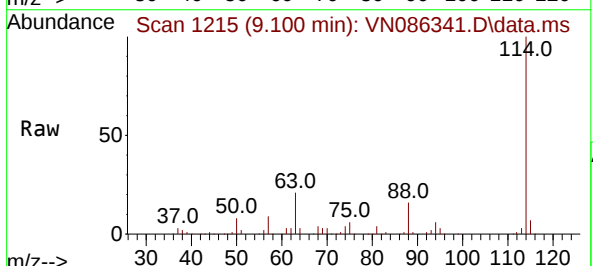
Tgt Ion: 114 Resp: 376539

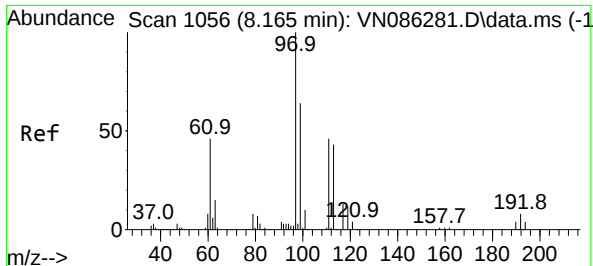
Ion Ratio Lower Upper

114 100

63 21.4 0.0 42.6

88 16.0 0.0 31.8

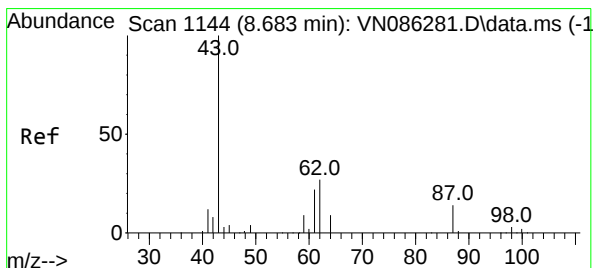
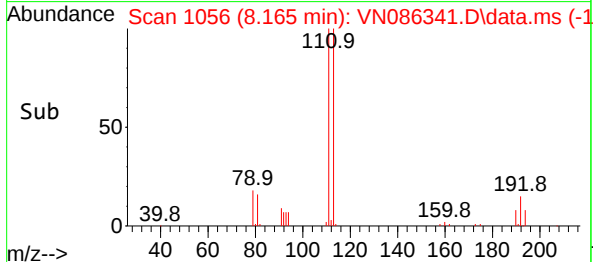
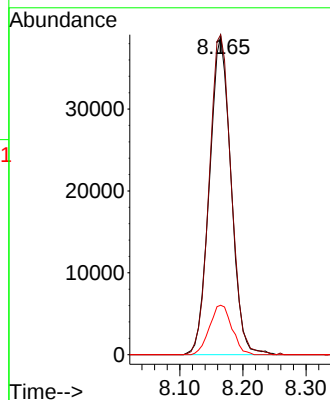
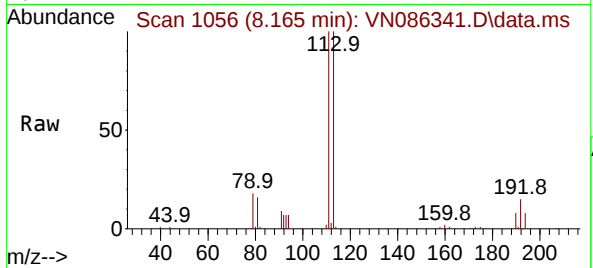




#35
Dibromofluoromethane
Concen: 52.721 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086341.D
Acq: 18 Apr 2025 14:07

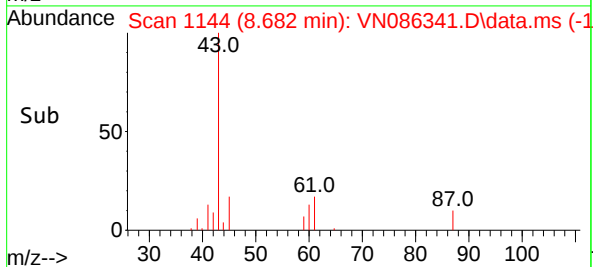
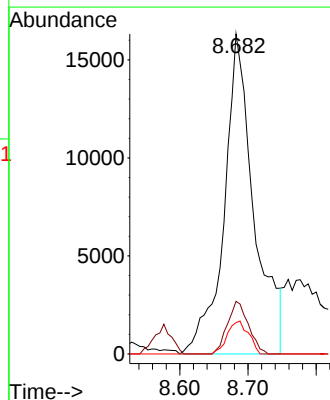
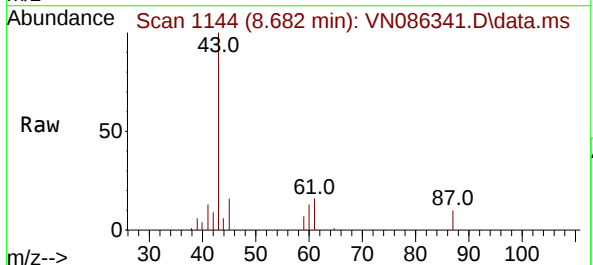
Instrument :
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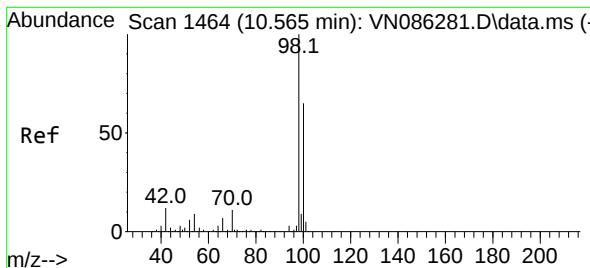
Tgt Ion:113 Resp: 92133
Ion Ratio Lower Upper
113 100
111 102.0 83.4 125.0
192 16.1 13.7 20.5



#43
Isopropyl Acetate
Concen: 5.761 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.001 min
Lab File: VN086341.D
Acq: 18 Apr 2025 14:07

Tgt Ion: 43 Resp: 49612
Ion Ratio Lower Upper
43 100
61 11.6 20.5 30.7#
87 7.3 10.5 15.7#

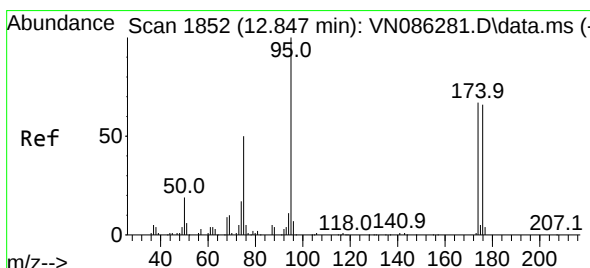
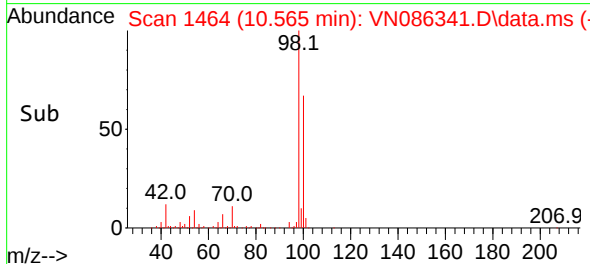
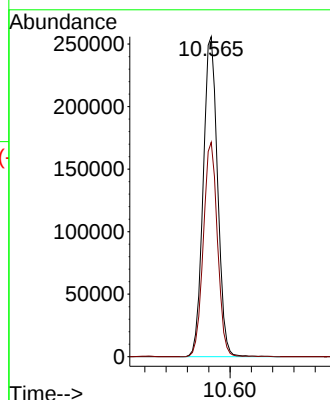
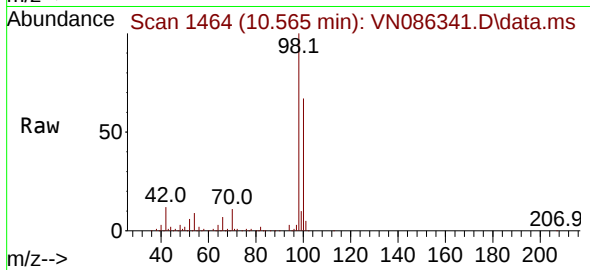




#50
Toluene-d8
Concen: 51.281 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086341.D
Acq: 18 Apr 2025 14:07

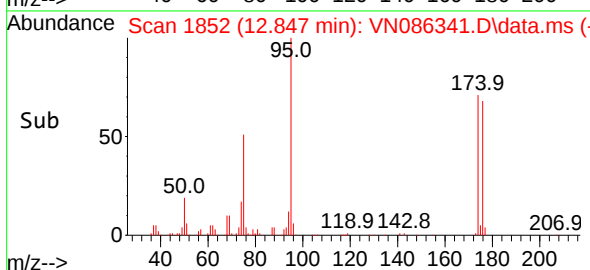
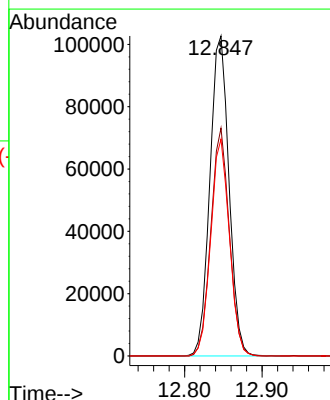
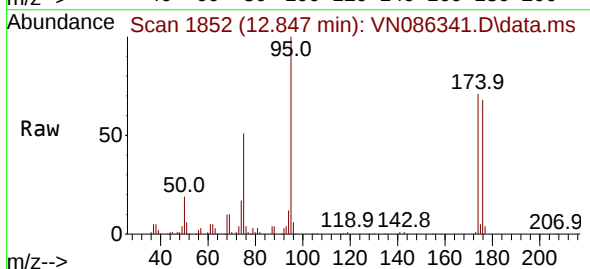
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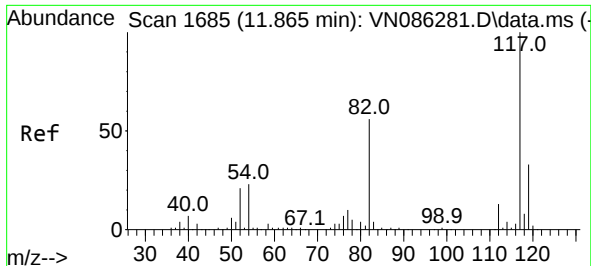
Tgt Ion: 98 Resp: 478953
Ion Ratio Lower Upper
98 100
100 65.8 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 51.552 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086341.D
Acq: 18 Apr 2025 14:07

Tgt Ion: 95 Resp: 175618
Ion Ratio Lower Upper
95 100
174 69.0 0.0 133.4
176 66.2 0.0 129.2

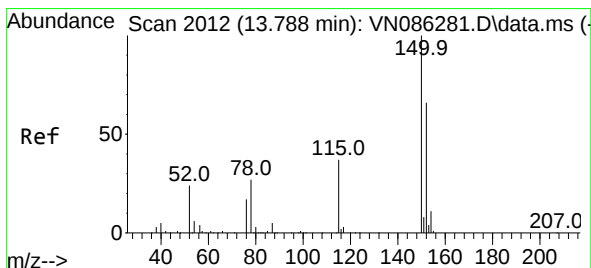
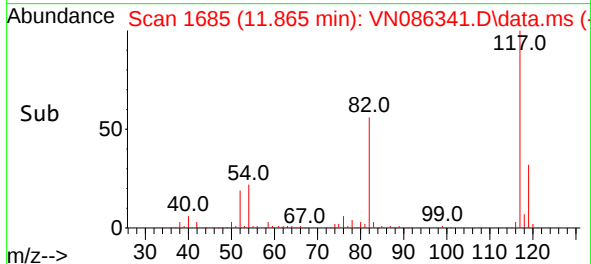
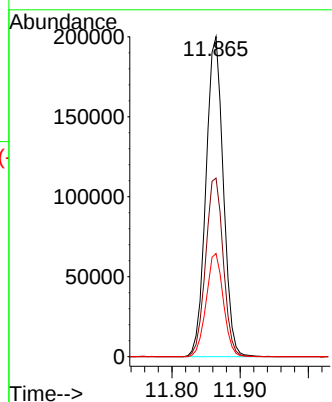
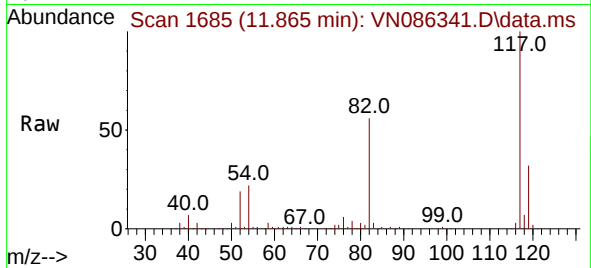




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN086341.D
Acq: 18 Apr 2025 14:07

Instrument :
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Tgt Ion:117 Resp: 353824
Ion Ratio Lower Upper
117 100
82 55.8 44.7 67.1
119 32.2 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086341.D
Acq: 18 Apr 2025 14:07

Tgt Ion:152 Resp: 154059
Ion Ratio Lower Upper
152 100
115 62.3 31.9 95.9
150 158.5 0.0 352.0

