

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041825\
 Data File : VN086340.D
 Acq On : 18 Apr 2025 13:43
 Operator : JC\MD
 Sample : PB167623ZHE#05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167623ZHE#05

Quant Time: Apr 19 02:24:22 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)

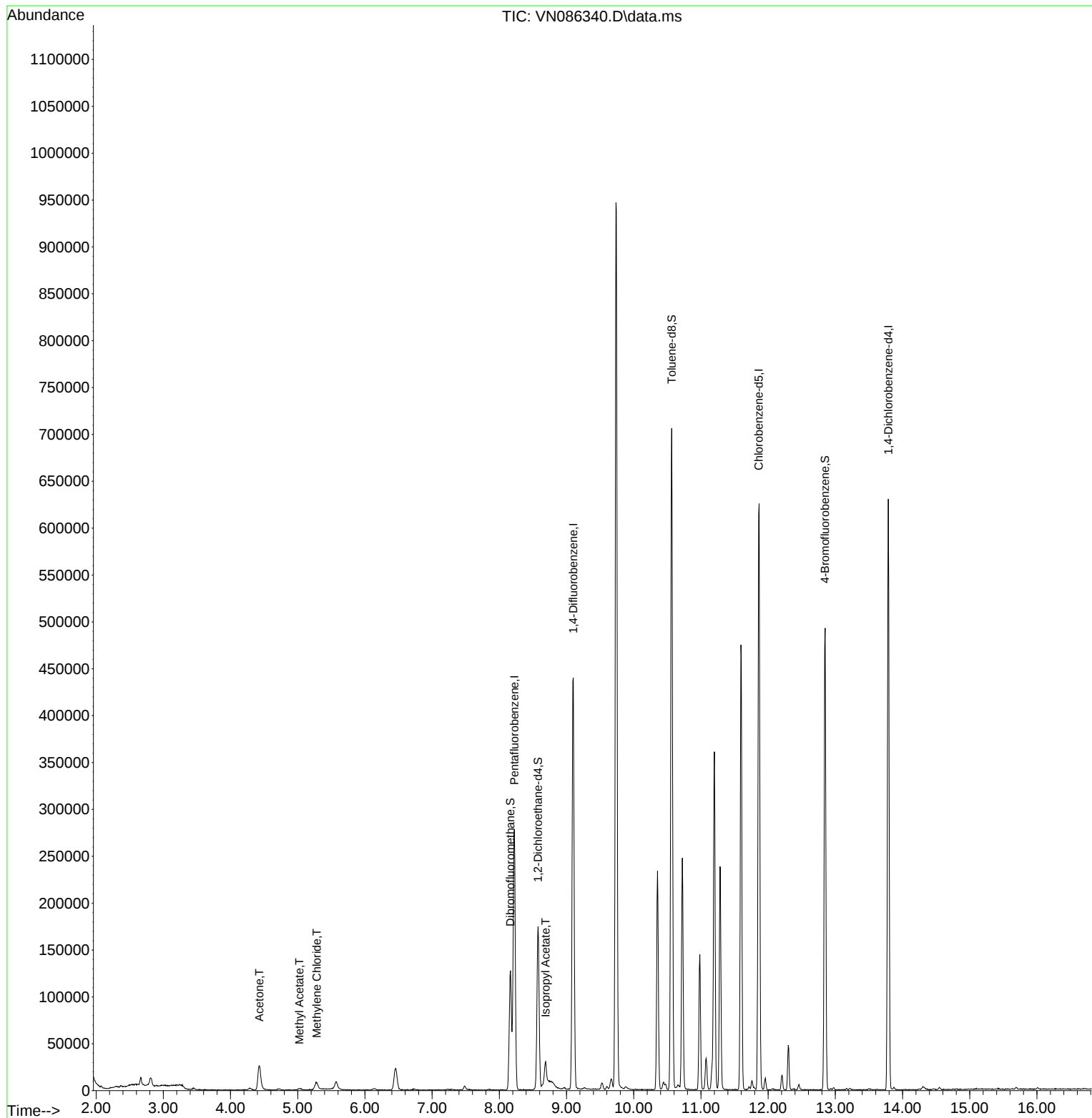
Internal Standards						
1) Pentafluorobenzene	8.224	168	206989	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	390837	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	365592	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	167881	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	145324	48.417	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.840%
35) Dibromofluoromethane	8.165	113	94810	52.268	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.540%
50) Toluene-d8	10.565	98	497330	51.300	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.600%
62) 4-Bromofluorobenzene	12.847	95	185104	52.349	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	104.700%
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	51939	45.378	ug/l	98
18) Methyl Acetate	5.024	43	3795	1.053	ug/l #	63
20) Methylene Chloride	5.283	84	6426	2.316	ug/l #	84
43) Isopropyl Acetate	8.688	43	44898	4.779	ug/l #	80

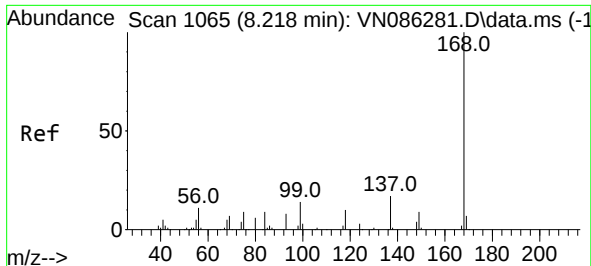
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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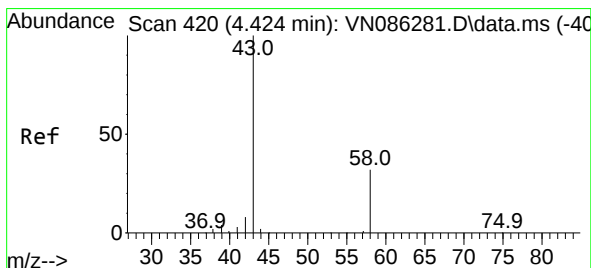
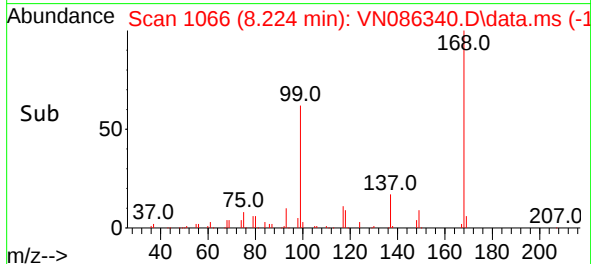
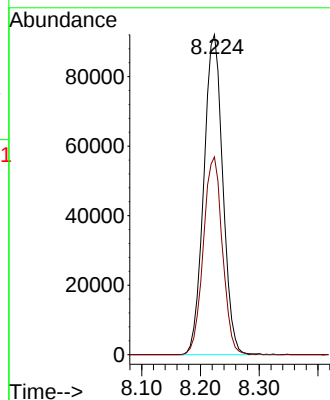
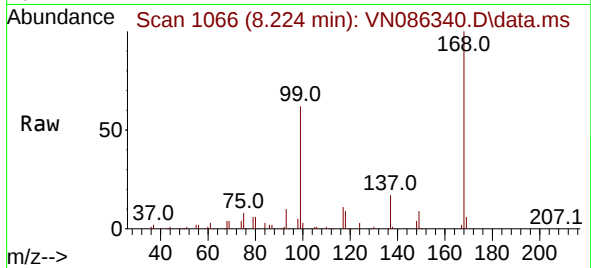




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN086340.D
Acq: 18 Apr 2025 13:43

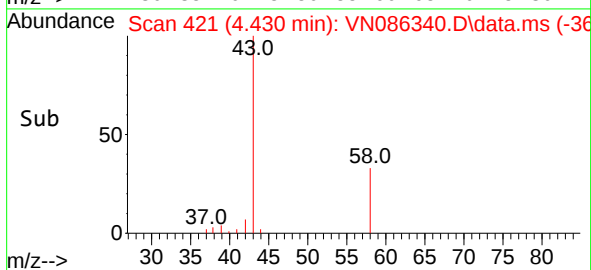
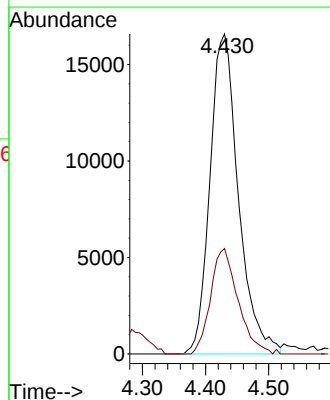
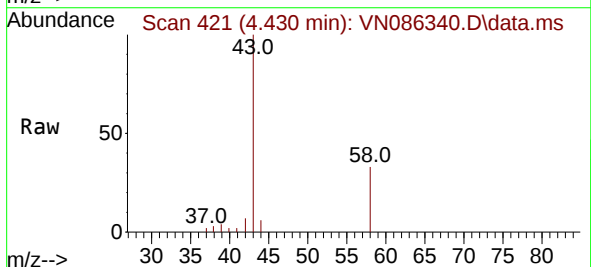
Instrument :
MSVOA_N
ClientSampleId :
PB167623ZHE#05

Tgt Ion:168 Resp: 206989
Ion Ratio Lower Upper
168 100
99 61.8 52.5 78.7



#16
Acetone
Concen: 45.378 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN086340.D
Acq: 18 Apr 2025 13:43

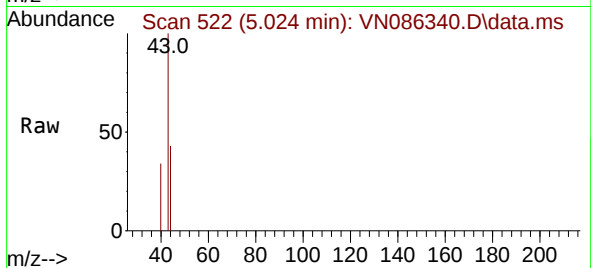
Tgt Ion: 43 Resp: 51939
Ion Ratio Lower Upper
43 100
58 33.0 25.3 37.9



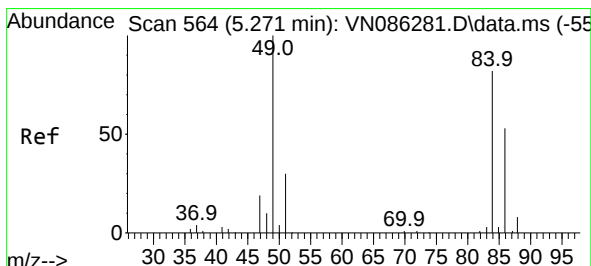
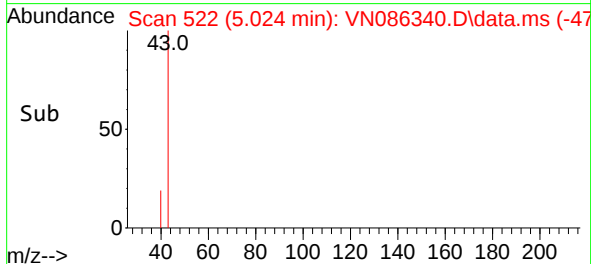
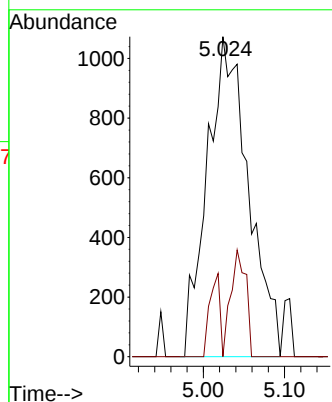


#18
Methyl Acetate
Concen: 1.053 ug/l
RT: 5.024 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN086340.D
Acq: 18 Apr 2025 13:43

Instrument :
MSVOA_N
ClientSampleId :
PB167623ZHE#05

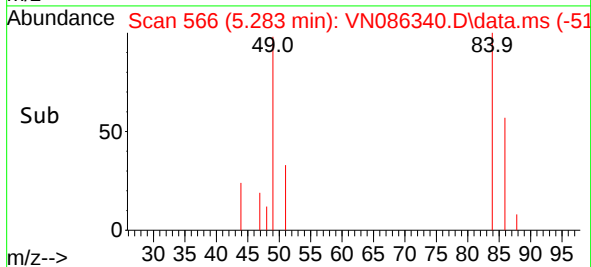
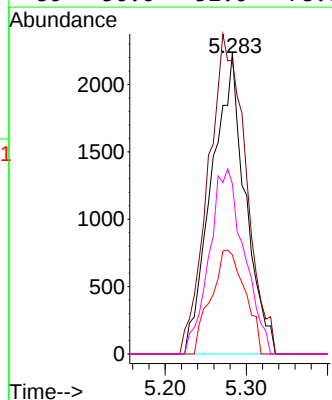
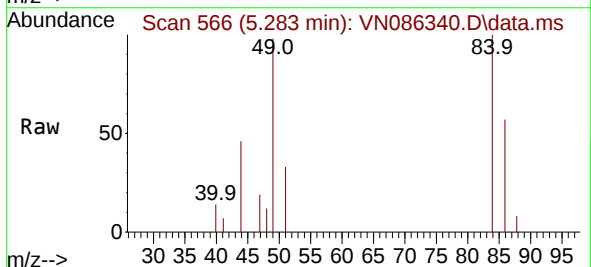


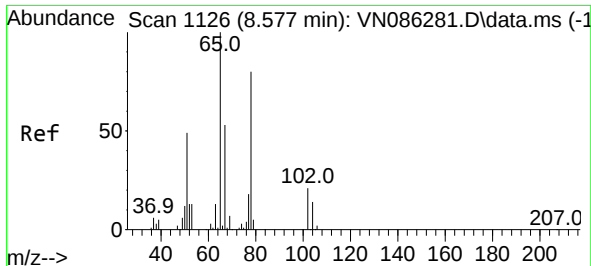
Tgt Ion: 43 Resp: 3795
Ion Ratio Lower Upper
43 100
74 6.3 19.8 29.6#



#20
Methylene Chloride
Concen: 2.316 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.012 min
Lab File: VN086340.D
Acq: 18 Apr 2025 13:43

Tgt Ion: 84 Resp: 6426
Ion Ratio Lower Upper
84 100
49 97.5 98.2 147.2#
51 33.0 29.8 44.6
86 56.6 52.0 78.0

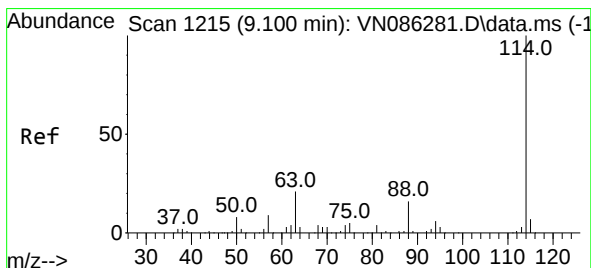
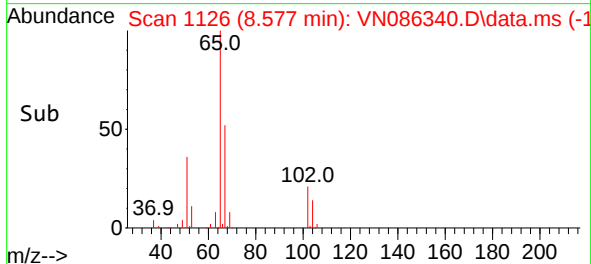
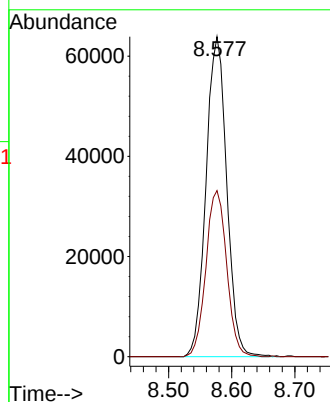
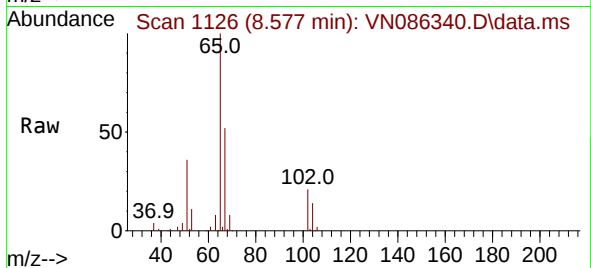




#33
1,2-Dichloroethane-d4
Concen: 48.417 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN086340.D
Acq: 18 Apr 2025 13:43

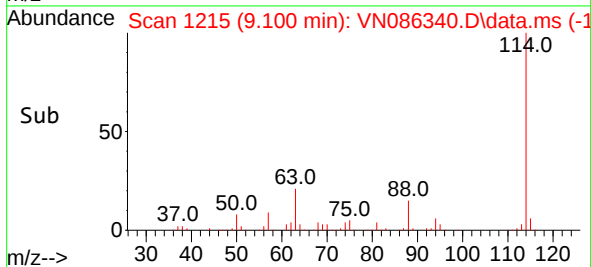
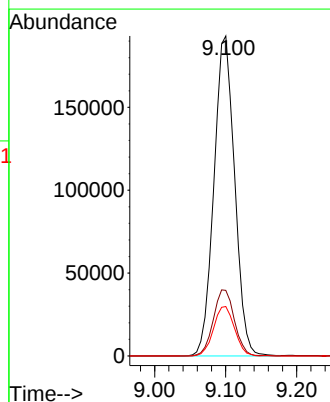
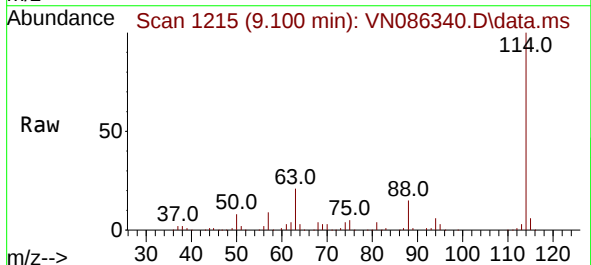
Instrument :
MSVOA_N
ClientSampleId :
PB167623ZHE#05

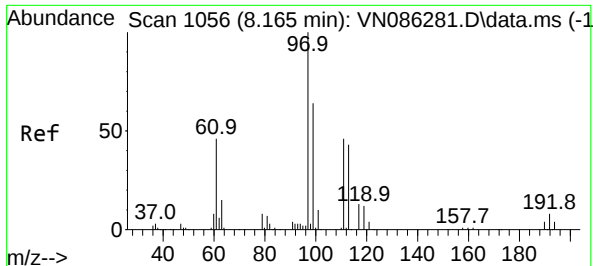
Tgt Ion: 65 Resp: 145324
Ion Ratio Lower Upper
65 100
67 52.1 0.0 106.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN086340.D
Acq: 18 Apr 2025 13:43

Tgt Ion: 114 Resp: 390837
Ion Ratio Lower Upper
114 100
63 20.5 0.0 42.6
88 15.4 0.0 31.8

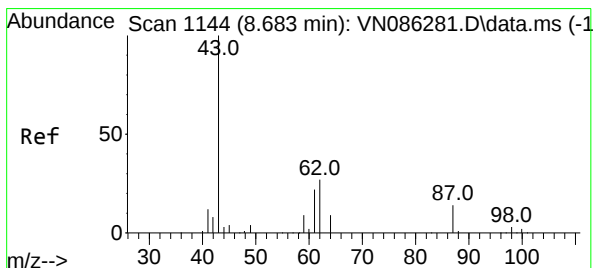
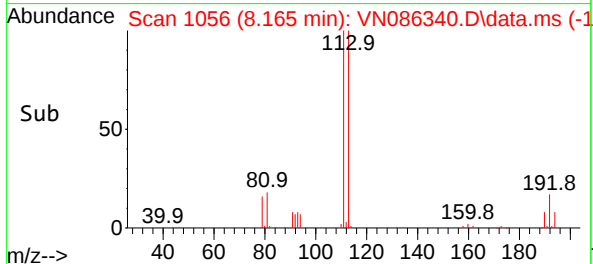
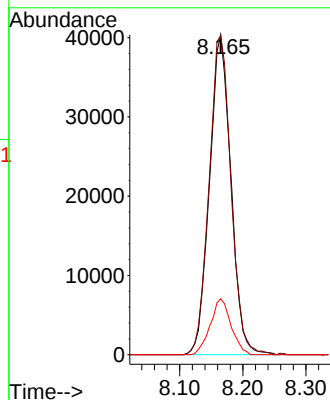
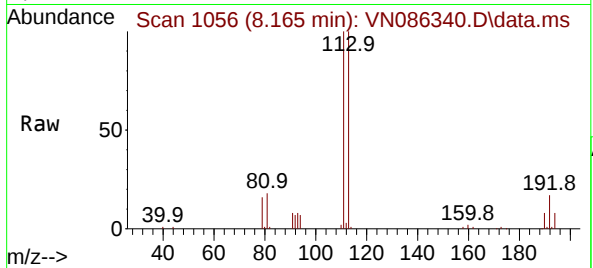




#35
Dibromofluoromethane
Concen: 52.268 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN086340.D
Acq: 18 Apr 2025 13:43

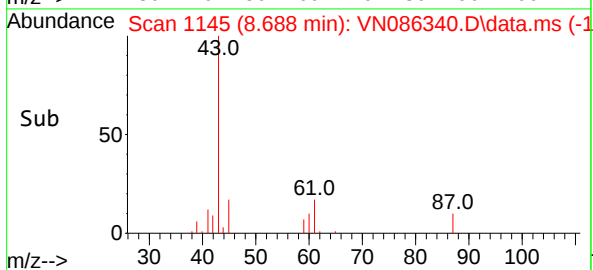
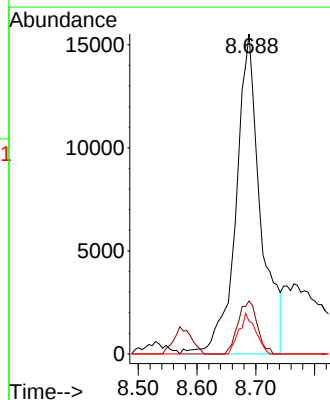
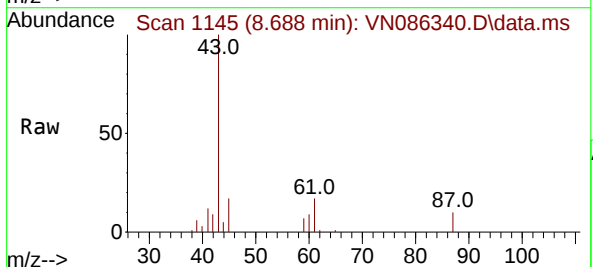
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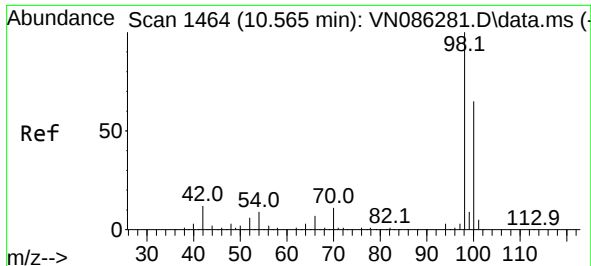
Tgt Ion:113 Resp: 94810
Ion Ratio Lower Upper
113 100
111 102.0 83.4 125.0
192 17.0 13.7 20.5



#43
Isopropyl Acetate
Concen: 4.779 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.005 min
Lab File: VN086340.D
Acq: 18 Apr 2025 13:43

Tgt Ion: 43 Resp: 44898
Ion Ratio Lower Upper
43 100
61 13.0 20.5 30.7#
87 8.6 10.5 15.7#

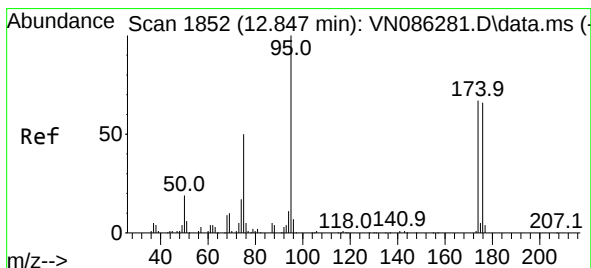
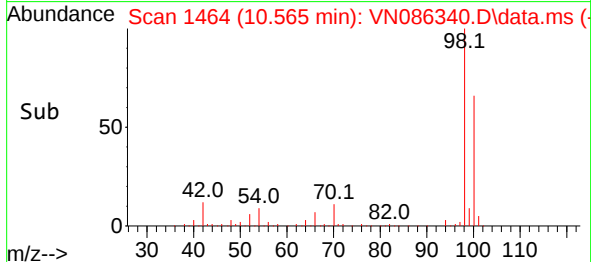
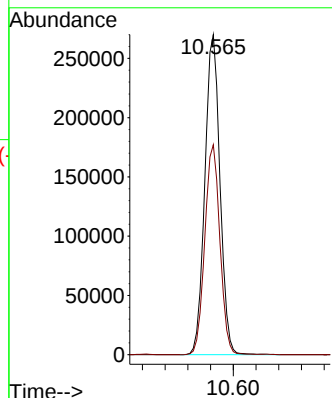
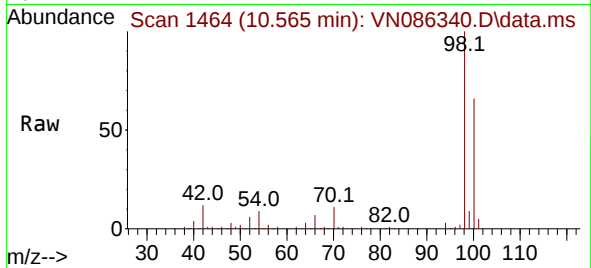




#50
Toluene-d8
Concen: 51.300 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN086340.D
Acq: 18 Apr 2025 13:43

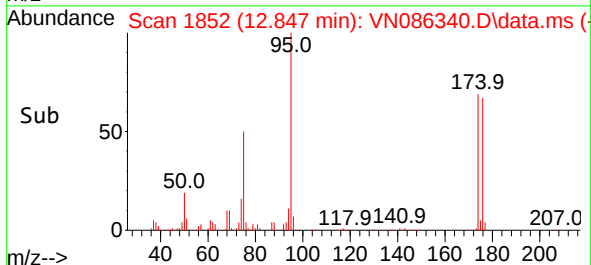
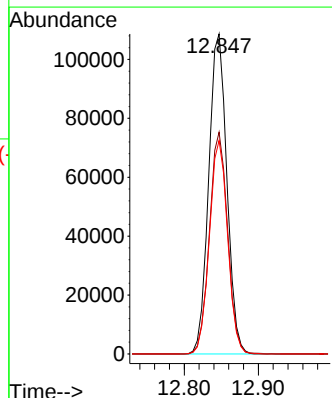
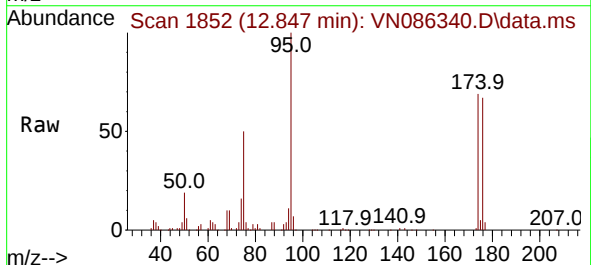
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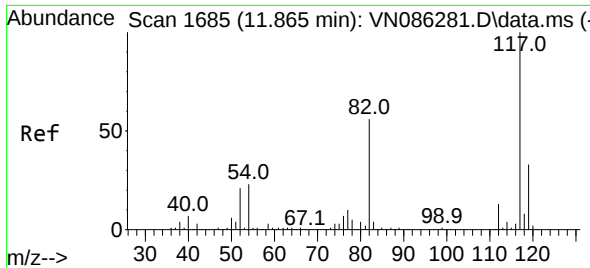
Tgt Ion: 98 Resp: 497330
Ion Ratio Lower Upper
98 100
100 65.5 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 52.349 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086340.D
Acq: 18 Apr 2025 13:43

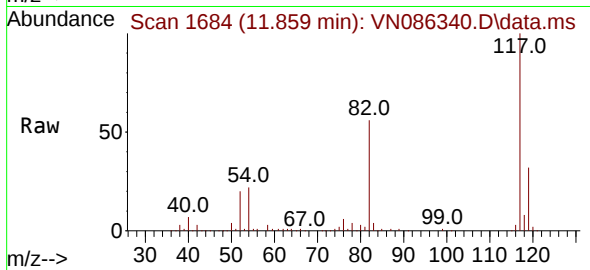
Tgt Ion: 95 Resp: 185104
Ion Ratio Lower Upper
95 100
174 69.3 0.0 133.4
176 66.6 0.0 129.2



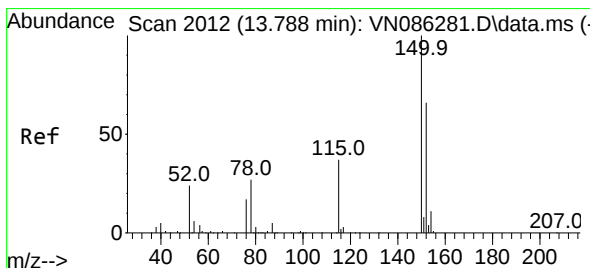
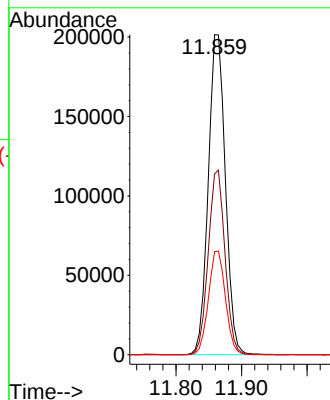
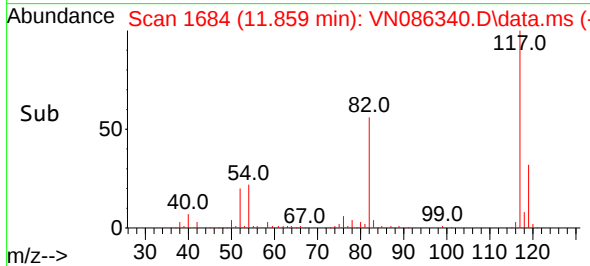


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.859 min Scan# 117
Delta R.T. -0.006 min
Lab File: VN086340.D
Acq: 18 Apr 2025 13:43

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Tgt Ion:117 Resp: 365592
Ion Ratio Lower Upper
117 100
82 56.5 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: VN086340.D
Acq: 18 Apr 2025 13:43

Tgt Ion:152 Resp: 167881
Ion Ratio Lower Upper
152 100
115 62.0 31.9 95.9
150 158.6 0.0 352.0

