

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041825\
 Data File : VN086344.D
 Acq On : 18 Apr 2025 15:19
 Operator : JC\MD
 Sample : PB167623ZHE#09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167623ZHE#09

Quant Time: Apr 19 02:26:14 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)

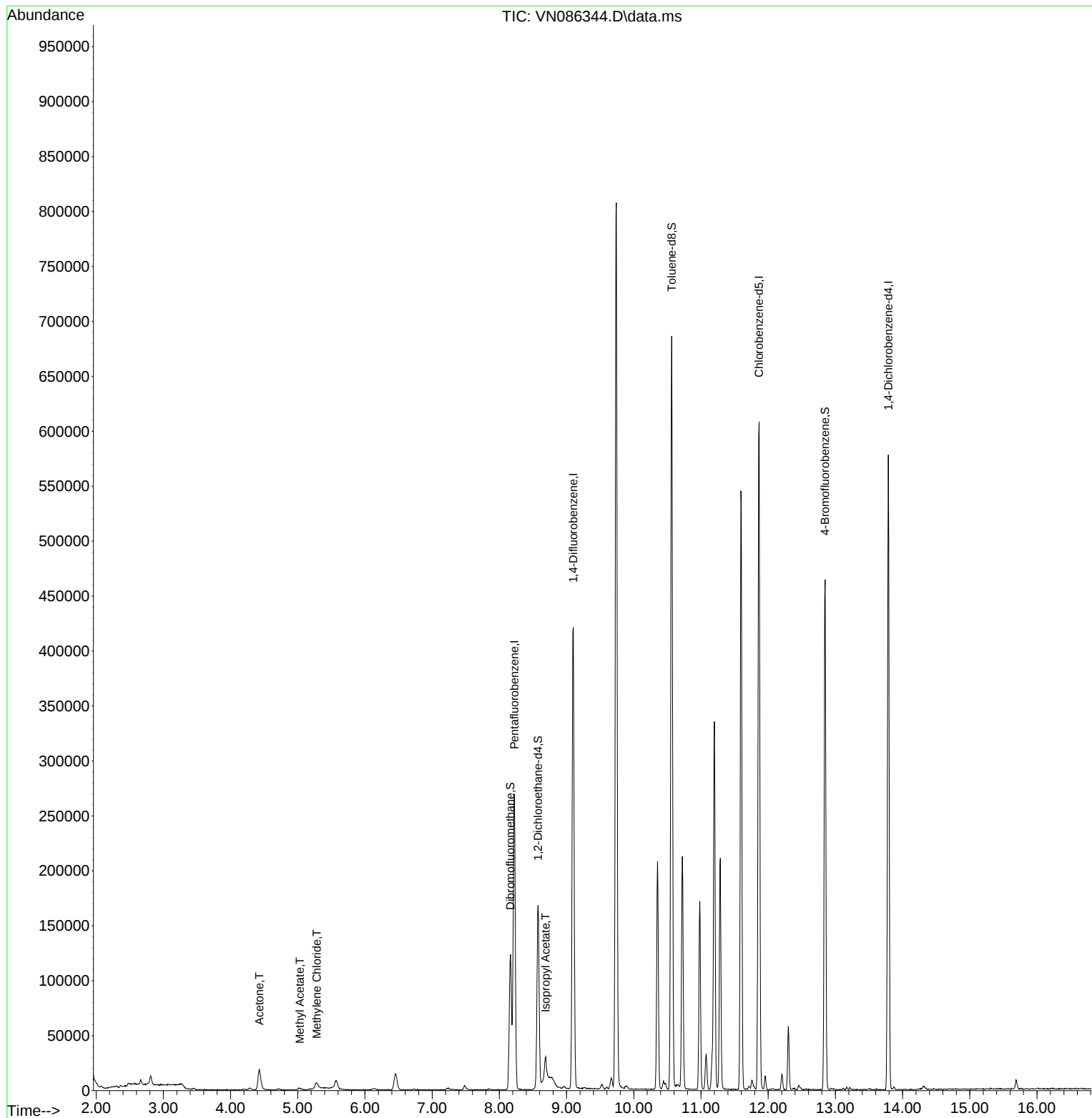
Internal Standards						
1) Pentafluorobenzene	8.224	168	197092	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	376730	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	355138	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	154079	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	139743	48.895	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.800%
35) Dibromofluoromethane	8.165	113	90973	52.031	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.060%
50) Toluene-d8	10.565	98	476557	50.998	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.000%
62) 4-Bromofluorobenzene	12.847	95	174663	51.245	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	102.500%
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	35472	30.896	ug/l	99
18) Methyl Acetate	5.030	43	3718	1.084	ug/l #	81
20) Methylene Chloride	5.283	84	4229	1.601	ug/l	86
43) Isopropyl Acetate	8.688	43	48565	5.595	ug/l #	74

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

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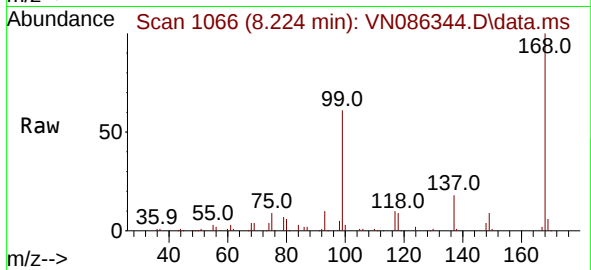
Quant Time: Apr 19 02:26:14 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
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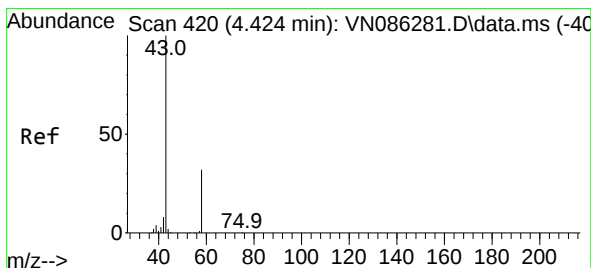
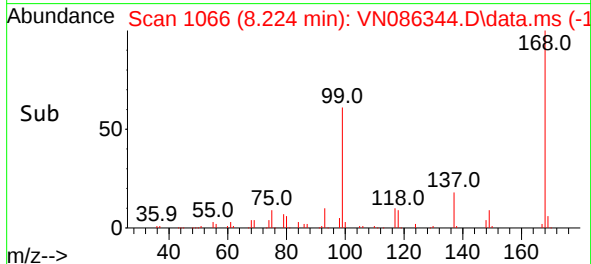
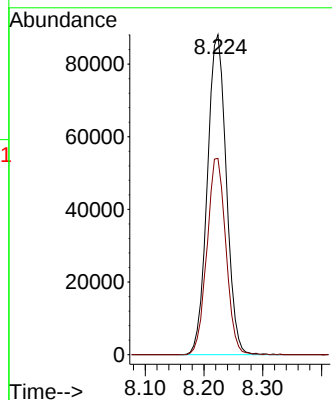


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN086344.D
Acq: 18 Apr 2025 15:19

Instrument :
MSVOA_N
ClientSampleId :
PB167623ZHE#09

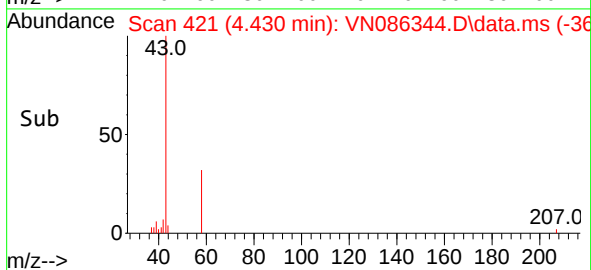
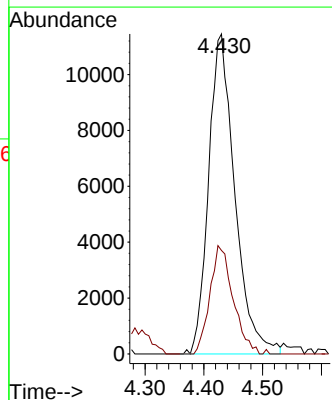
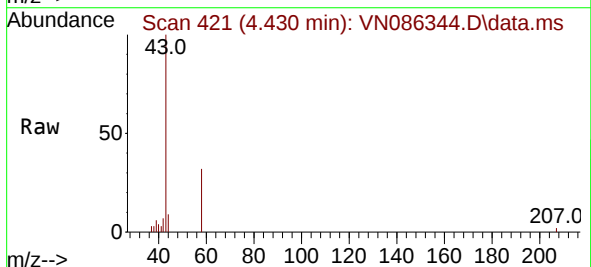


Tgt Ion:168 Resp: 197092
Ion Ratio Lower Upper
168 100
99 61.4 52.5 78.7



#16
Acetone
Concen: 30.896 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN086344.D
Acq: 18 Apr 2025 15:19

Tgt Ion: 43 Resp: 35472
Ion Ratio Lower Upper
43 100
58 32.3 25.3 37.9

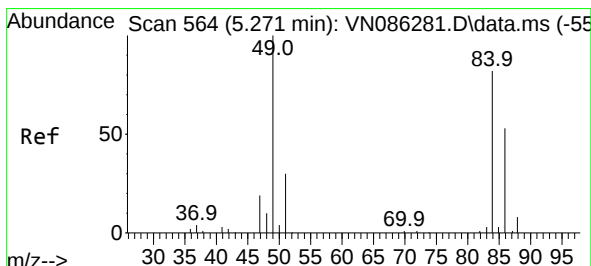
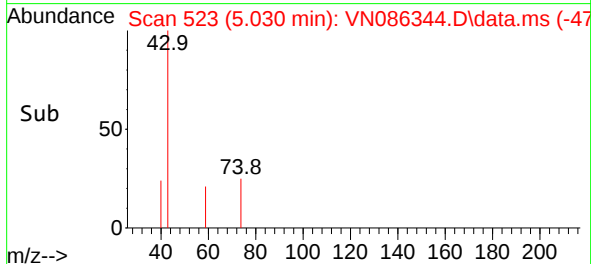
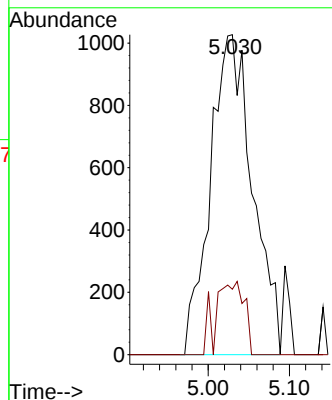
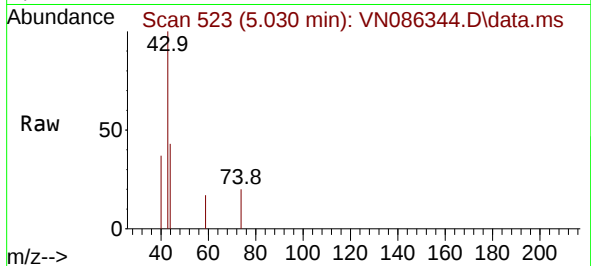




#18
Methyl Acetate
Concen: 1.084 ug/l
RT: 5.030 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN086344.D
Acq: 18 Apr 2025 15:19

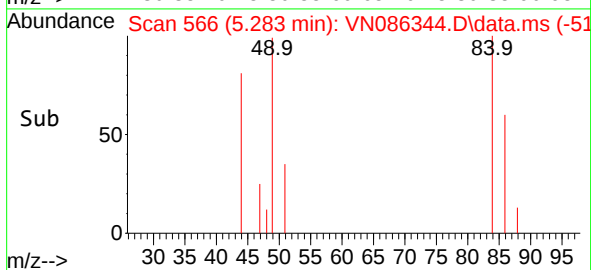
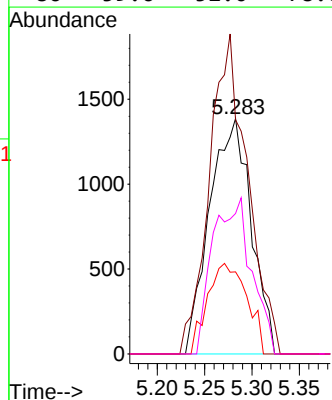
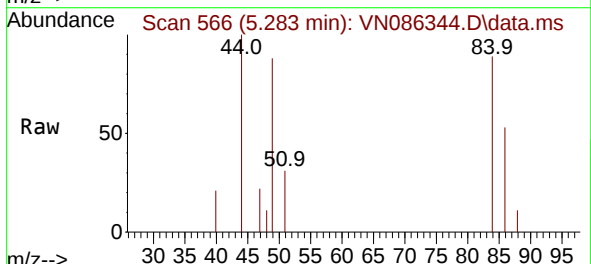
Instrument :
MSVOA_N
ClientSampleId :
PB167623ZHE#09

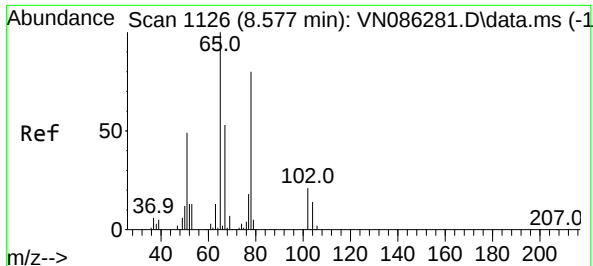
Tgt Ion: 43 Resp: 3718
Ion Ratio Lower Upper
43 100
74 15.4 19.8 29.6#



#20
Methylene Chloride
Concen: 1.601 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.012 min
Lab File: VN086344.D
Acq: 18 Apr 2025 15:19

Tgt Ion: 84 Resp: 4229
Ion Ratio Lower Upper
84 100
49 99.4 98.2 147.2
51 34.8 29.8 44.6
86 59.6 52.0 78.0

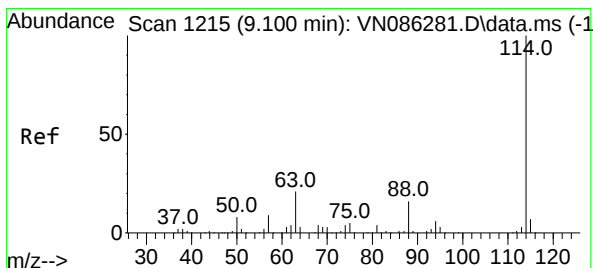
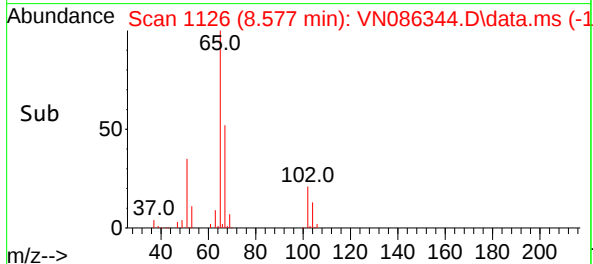
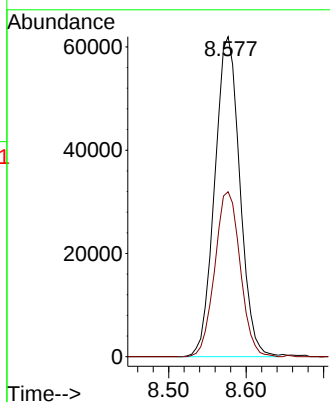
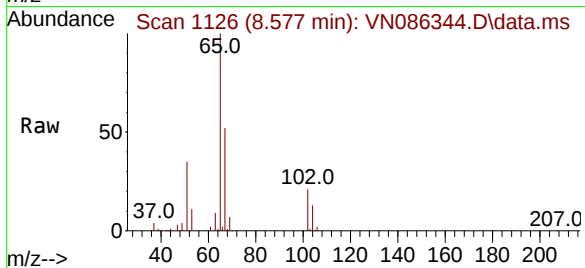




#33
 1,2-Dichloroethane-d4
 Concen: 48.895 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: VN086344.D
 Acq: 18 Apr 2025 15:19

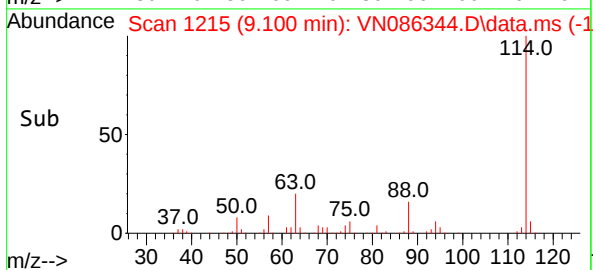
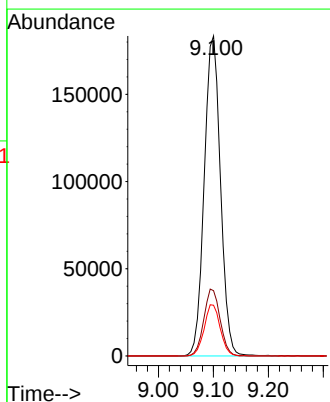
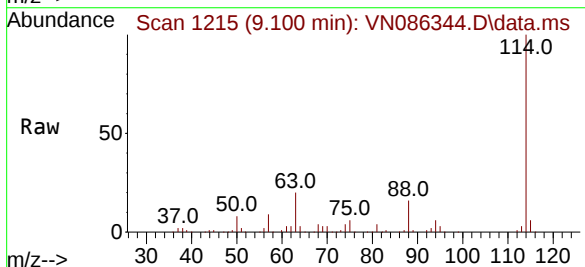
Instrument :
 MSVOA_N
 ClientSampleId :
 PB167623ZHE#09

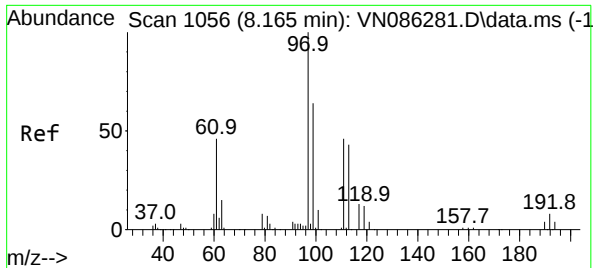
Tgt Ion: 65 Resp: 139743
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 106.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. -0.000 min
 Lab File: VN086344.D
 Acq: 18 Apr 2025 15:19

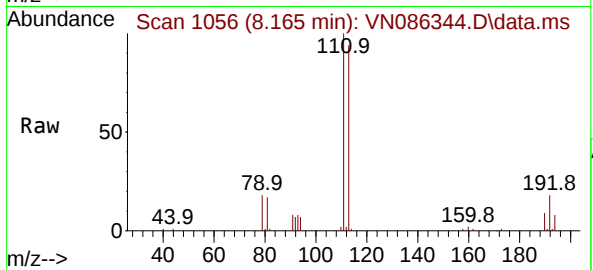
Tgt Ion: 114 Resp: 376730
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 42.6
 88 15.8 0.0 31.8



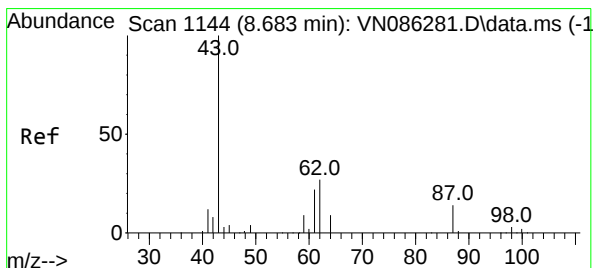
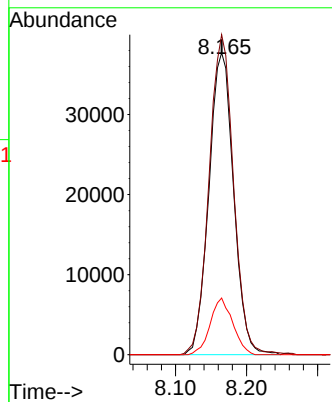
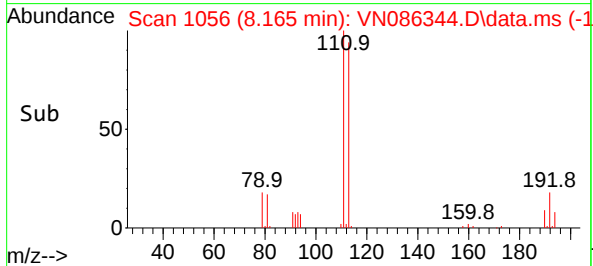


#35
Dibromofluoromethane
Concen: 52.031 ug/l
RT: 8.165 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VN086344.D
Acq: 18 Apr 2025 15:19

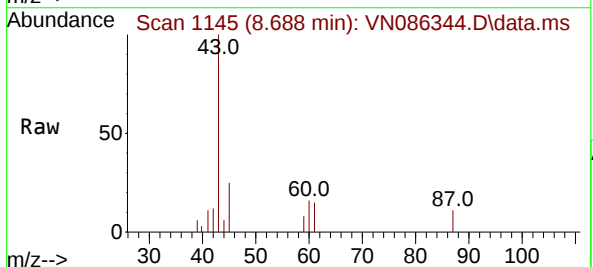
Instrument :
MSVOA_N
ClientSampleId :
PB167623ZHE#09



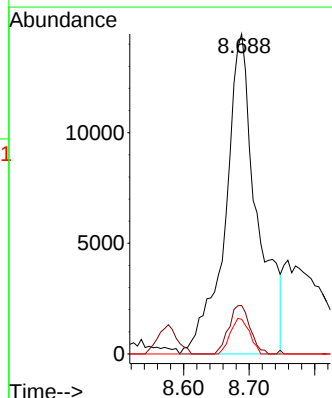
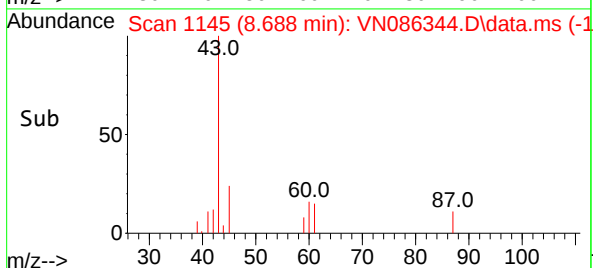
Tgt Ion:113 Resp: 90973
Ion Ratio Lower Upper
113 100
111 105.3 83.4 125.0
192 17.2 13.7 20.5

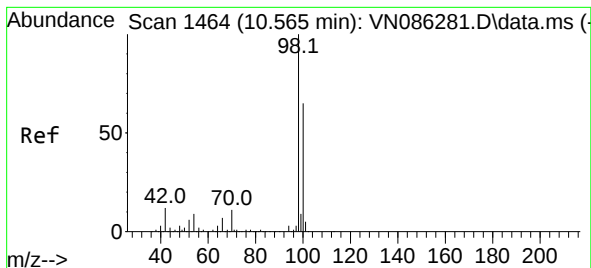


#43
Isopropyl Acetate
Concen: 5.595 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.005 min
Lab File: VN086344.D
Acq: 18 Apr 2025 15:19



Tgt Ion: 43 Resp: 48565
Ion Ratio Lower Upper
43 100
61 10.1 20.5 30.7#
87 6.7 10.5 15.7#

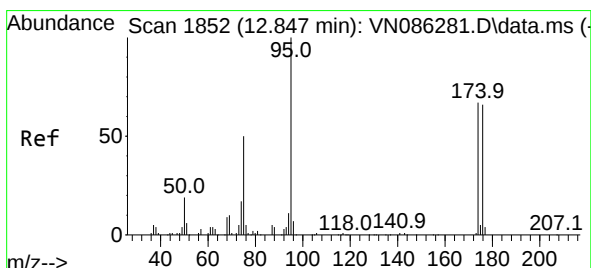
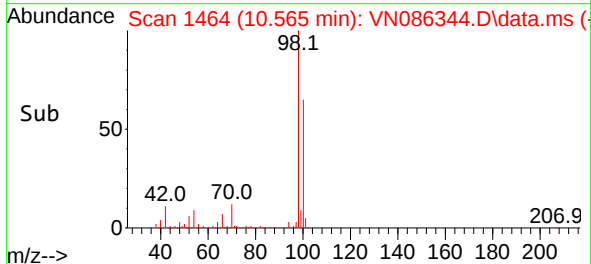
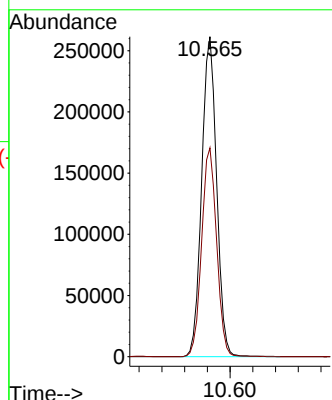
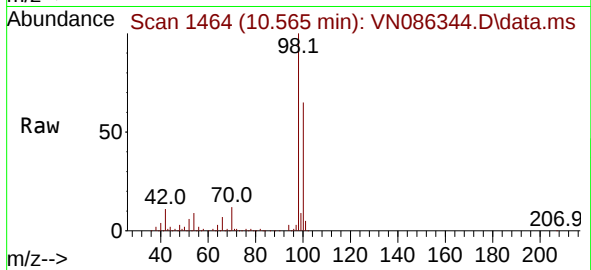




#50
Toluene-d8
Concen: 50.998 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086344.D
Acq: 18 Apr 2025 15:19

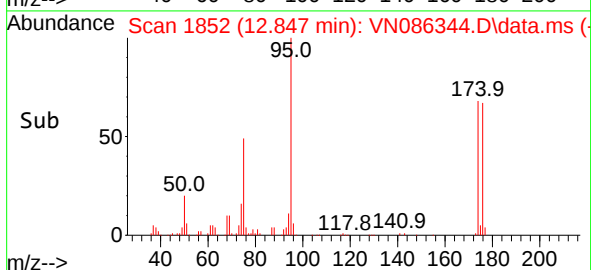
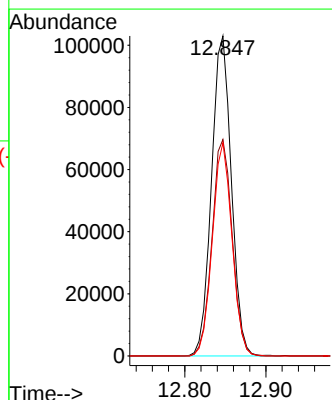
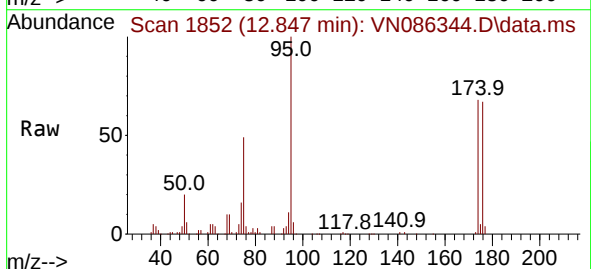
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ClientSampleId :
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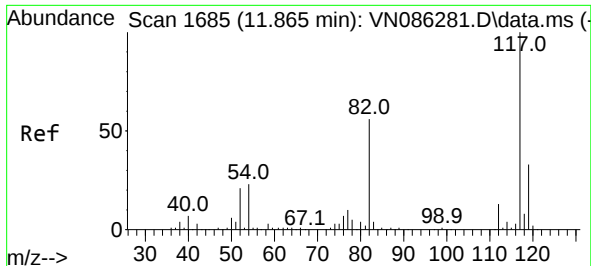
Tgt Ion: 98 Resp: 476557
Ion Ratio Lower Upper
98 100
100 65.5 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 51.245 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086344.D
Acq: 18 Apr 2025 15:19

Tgt Ion: 95 Resp: 174663
Ion Ratio Lower Upper
95 100
174 68.8 0.0 133.4
176 65.9 0.0 129.2

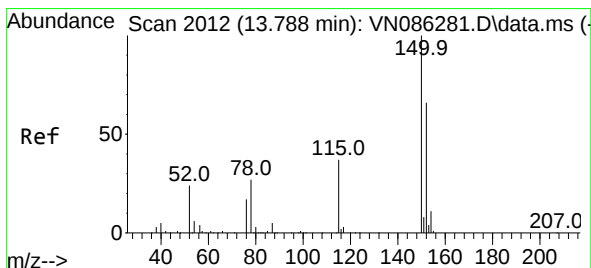
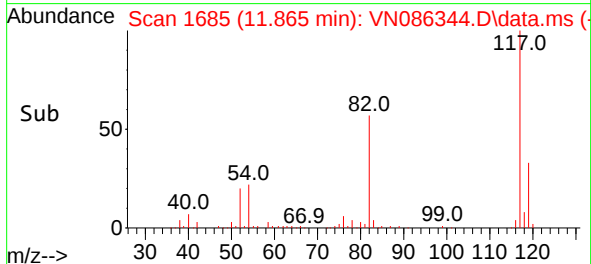
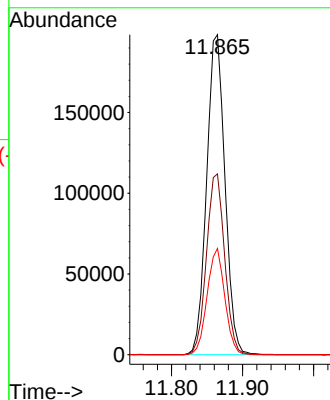
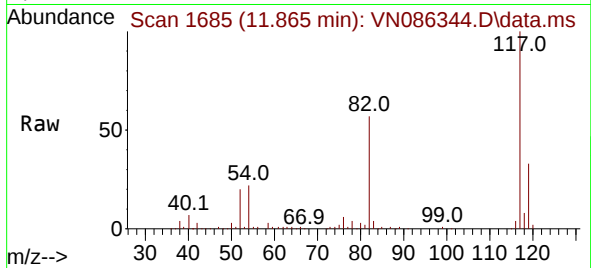




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN086344.D
Acq: 18 Apr 2025 15:19

Instrument :
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Tgt Ion:117 Resp: 355138
Ion Ratio Lower Upper
117 100
82 56.5 44.7 67.1
119 33.2 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: VN086344.D
Acq: 18 Apr 2025 15:19

Tgt Ion:152 Resp: 154079
Ion Ratio Lower Upper
152 100
115 61.7 31.9 95.9
150 156.8 0.0 352.0

