

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042825\
 Data File : VN086406.D
 Acq On : 28 Apr 2025 13:08
 Operator : JC\MD
 Sample : PB167744ZHE#03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167744ZHE#03

Quant Time: Apr 29 01:51:44 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)

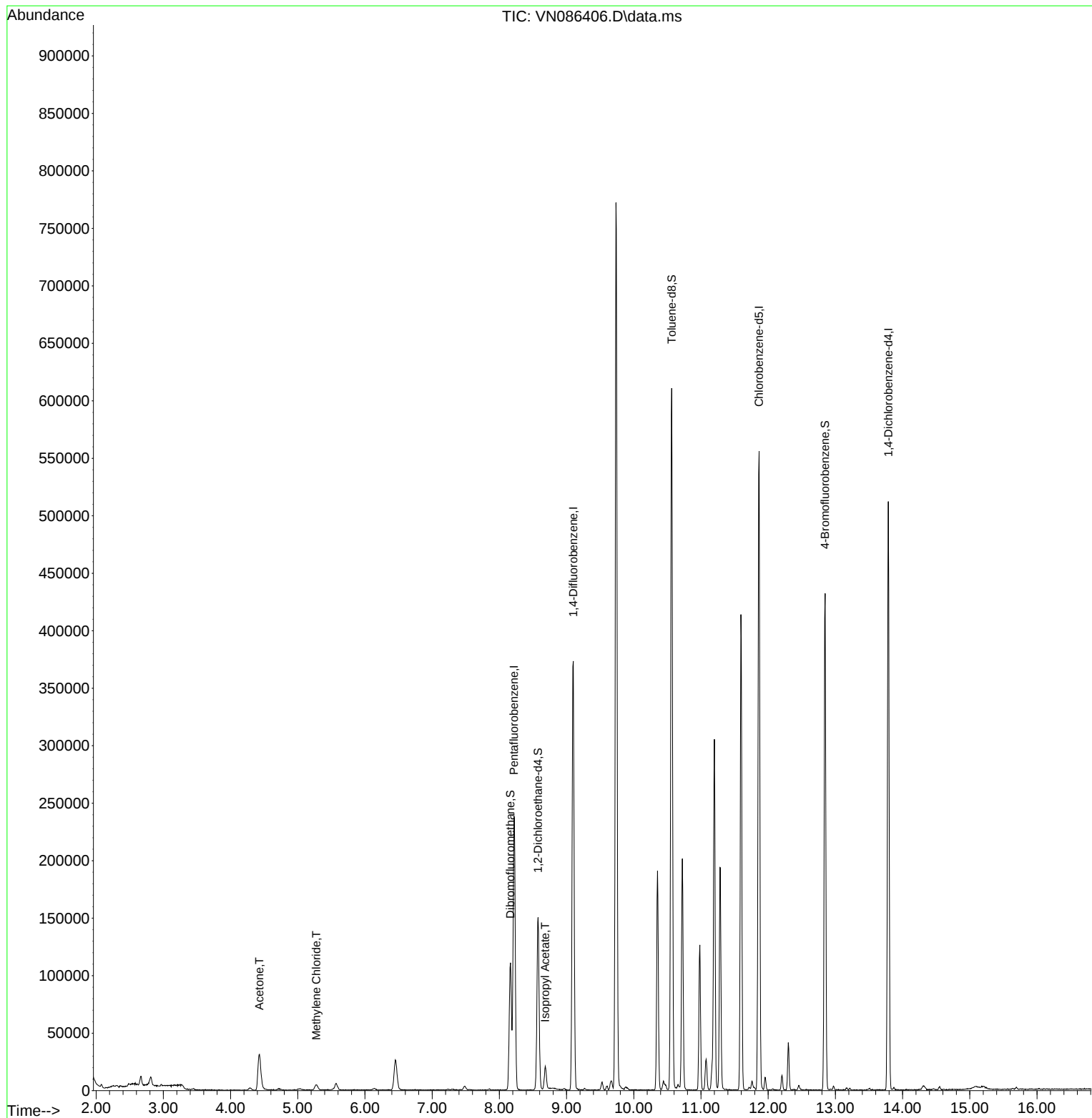
Internal Standards						
1) Pentafluorobenzene	8.218	168	176885	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	336926	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	322671	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	138646	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	125145	48.790	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.580%
35) Dibromofluoromethane	8.165	113	82593	52.818	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.640%
50) Toluene-d8	10.565	98	431004	51.572	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.140%
62) 4-Bromofluorobenzene	12.847	95	153846	50.470	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	100.940%
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	65058	69.234	ug/l	96
20) Methylene Chloride	5.277	84	4117	1.736	ug/l #	81
43) Isopropyl Acetate	8.682	43	25367	2.483	ug/l #	88

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

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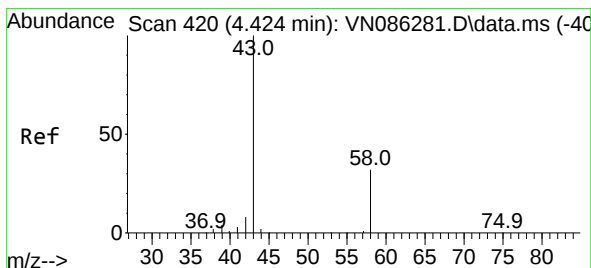
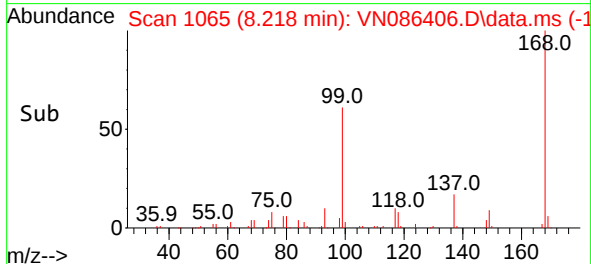
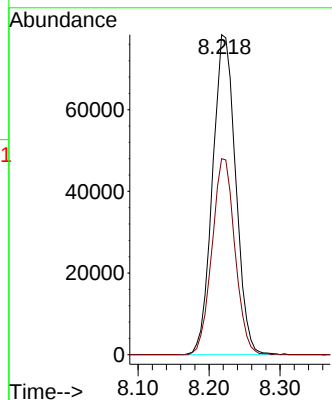
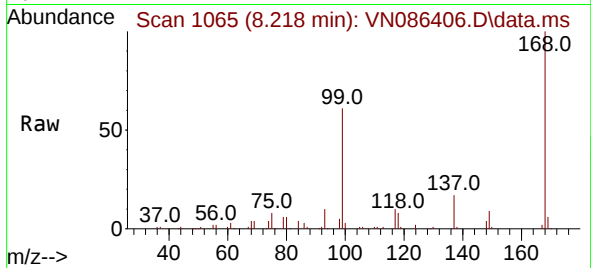




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN086406.D
Acq: 28 Apr 2025 13:08

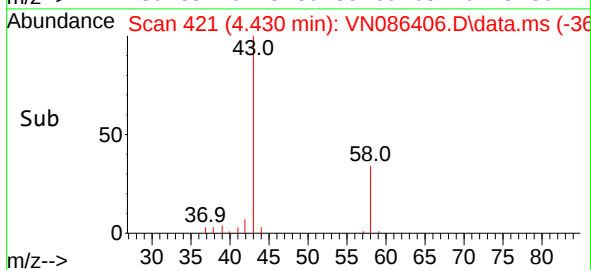
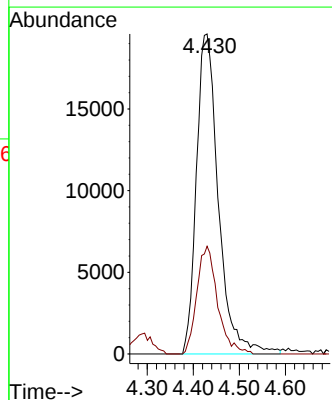
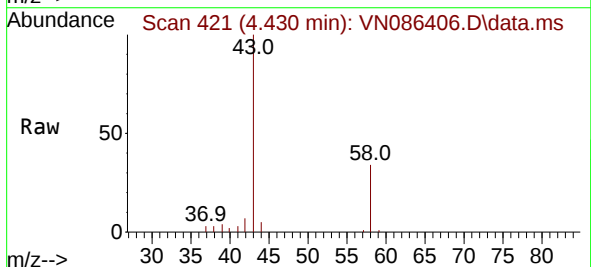
Instrument :
MSVOA_N
ClientSampleId :
PB167744ZHE#03

Tgt Ion:168 Resp: 176885
Ion Ratio Lower Upper
168 100
99 61.2 52.5 78.7



#16
Acetone
Concen: 69.234 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN086406.D
Acq: 28 Apr 2025 13:08

Tgt Ion: 43 Resp: 65058
Ion Ratio Lower Upper
43 100
58 33.7 25.3 37.9

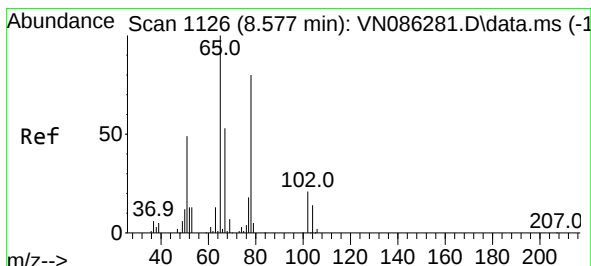
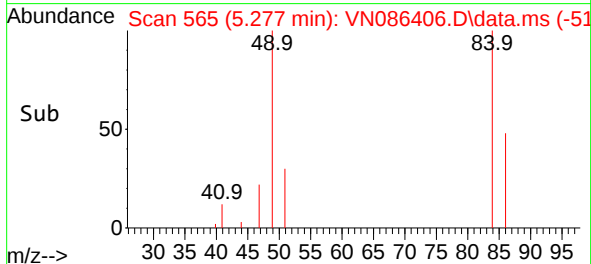
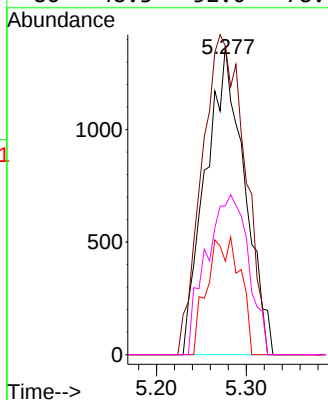
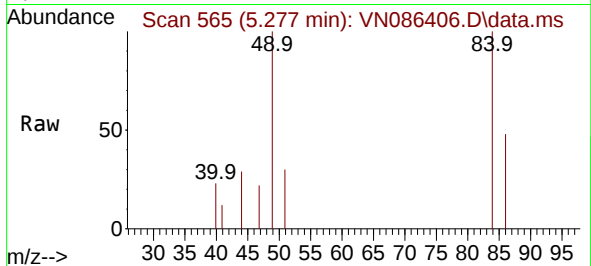




#20
Methylene Chloride
Concen: 1.736 ug/l
RT: 5.277 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN086406.D
Acq: 28 Apr 2025 13:08

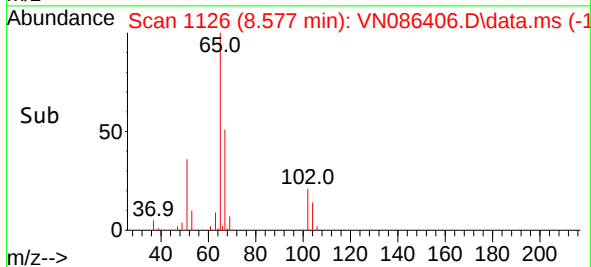
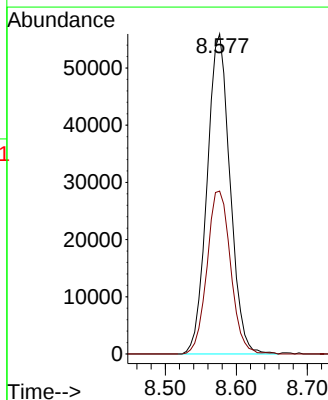
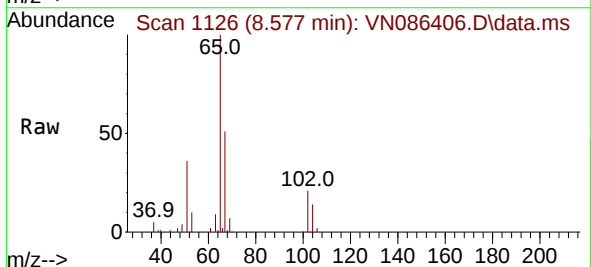
Instrument :
MSVOA_N
ClientSampleId :
PB167744ZHE#03

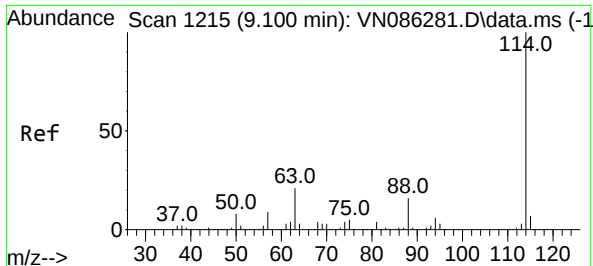
Tgt Ion: 84	Resp: 4117
Ion Ratio	Lower Upper
84 100	
49 99.9	98.2 147.2
51 30.2	29.8 44.6
86 48.3	52.0 78.0#



#33
1,2-Dichloroethane-d4
Concen: 48.790 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086406.D
Acq: 28 Apr 2025 13:08

Tgt Ion: 65	Resp: 125145
Ion Ratio	Lower Upper
65 100	
67 52.5	0.0 106.0

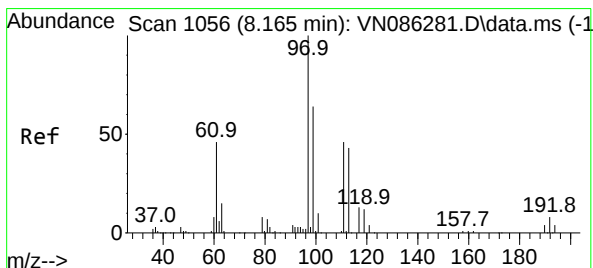
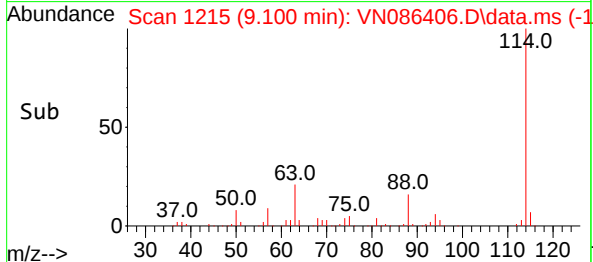
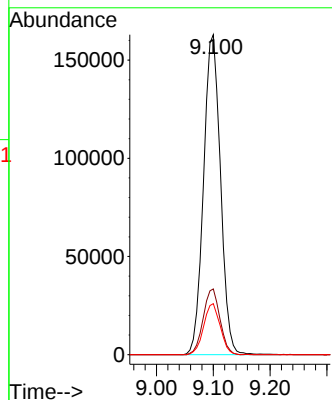
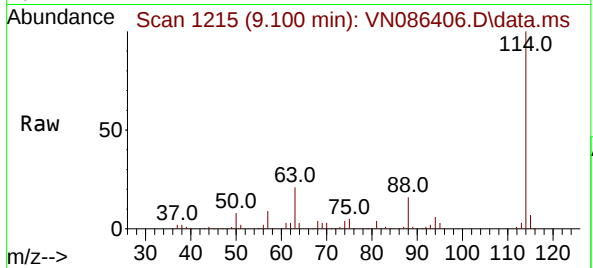




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086406.D
Acq: 28 Apr 2025 13:08

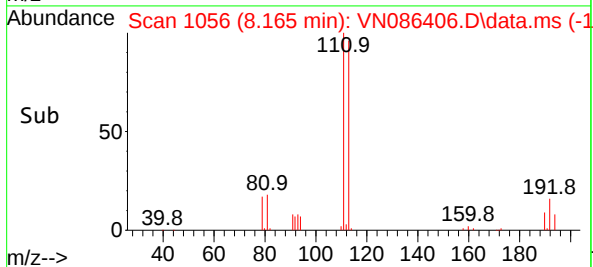
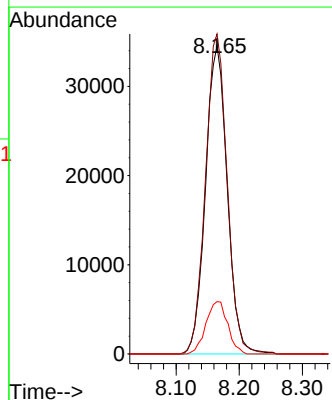
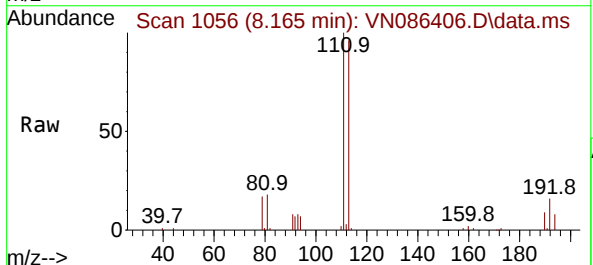
Instrument :
MSVOA_N
ClientSampleId :
PB167744ZHE#03

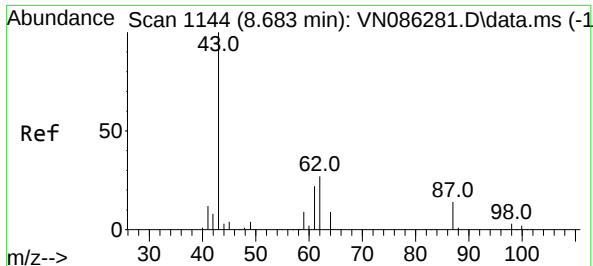
Tgt Ion:114 Resp: 336926
Ion Ratio Lower Upper
114 100
63 20.6 0.0 42.6
88 15.9 0.0 31.8



#35
Dibromofluoromethane
Concen: 52.818 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086406.D
Acq: 28 Apr 2025 13:08

Tgt Ion:113 Resp: 82593
Ion Ratio Lower Upper
113 100
111 103.6 83.4 125.0
192 17.0 13.7 20.5

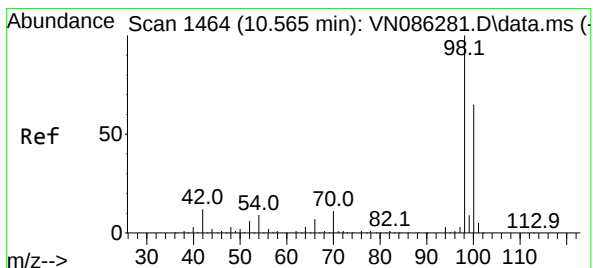
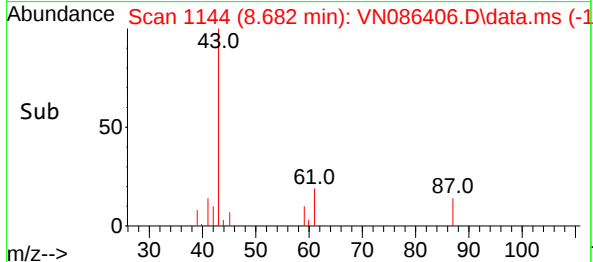
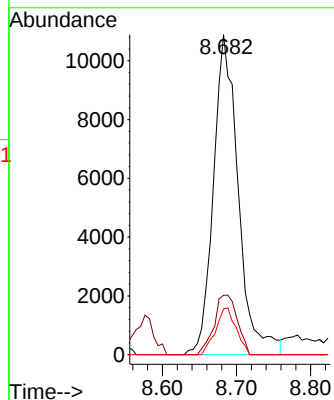
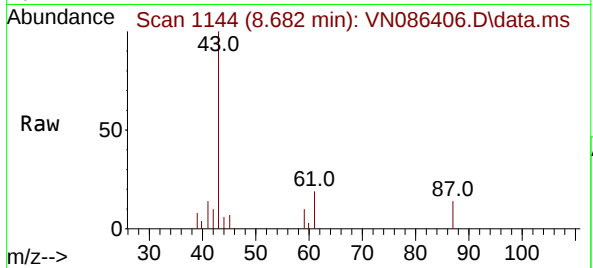




#43
Isopropyl Acetate
Concen: 2.483 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.001 min
Lab File: VN086406.D
Acq: 28 Apr 2025 13:08

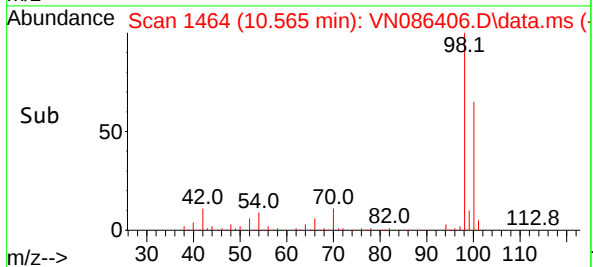
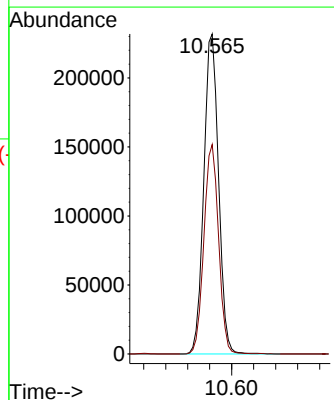
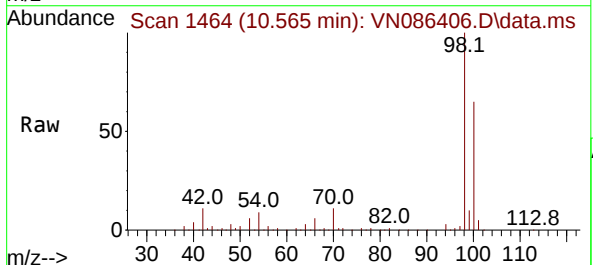
Instrument :
MSVOA_N
ClientSampleId :
PB167744ZHE#03

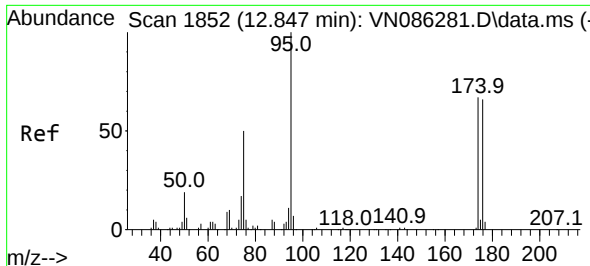
Tgt Ion: 43 Resp: 25367
Ion Ratio Lower Upper
43 100
61 17.4 20.5 30.7#
87 12.0 10.5 15.7



#50
Toluene-d8
Concen: 51.572 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086406.D
Acq: 28 Apr 2025 13:08

Tgt Ion: 98 Resp: 431004
Ion Ratio Lower Upper
98 100
100 65.1 52.5 78.7

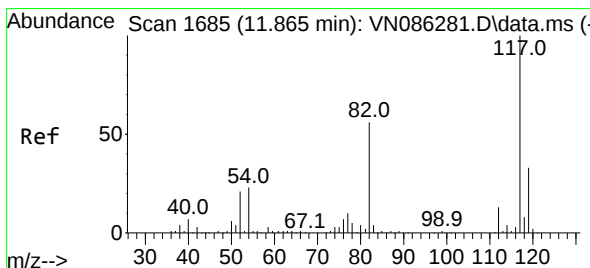
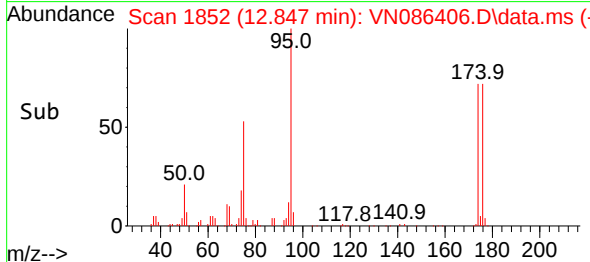
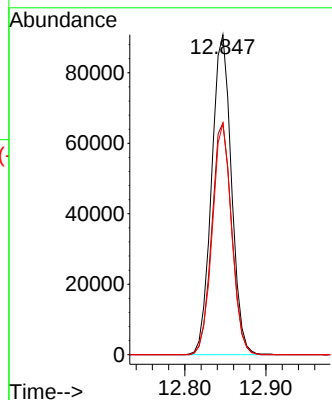
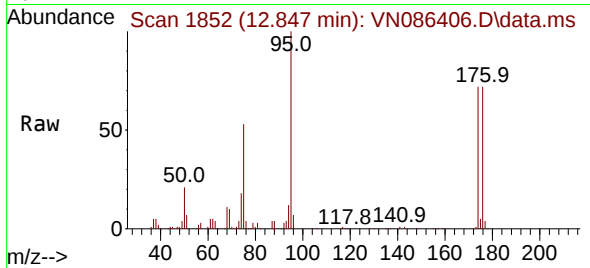




#62
4-Bromofluorobenzene
Concen: 50.470 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086406.D
Acq: 28 Apr 2025 13:08

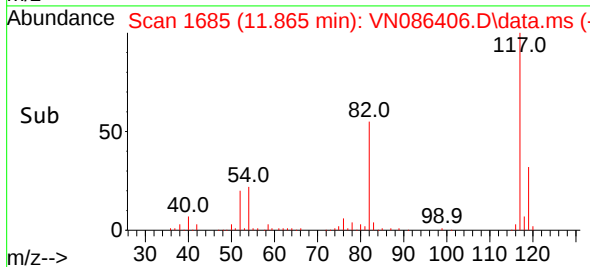
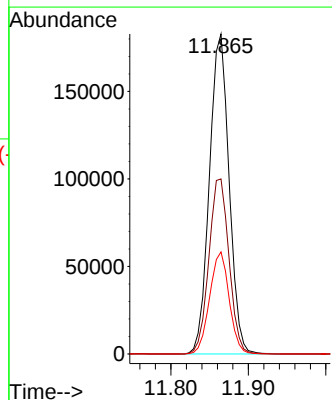
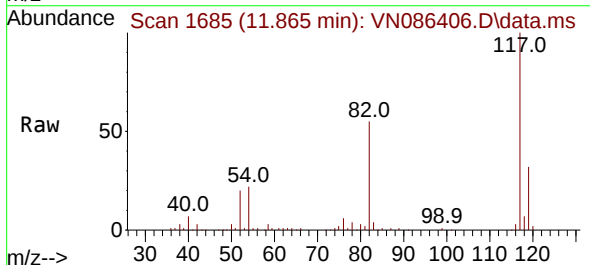
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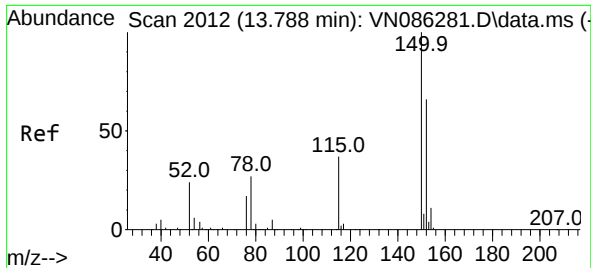
Tgt Ion: 95 Resp: 153846
Ion Ratio Lower Upper
95 100
174 72.3 0.0 133.4
176 70.5 0.0 129.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086406.D
Acq: 28 Apr 2025 13:08

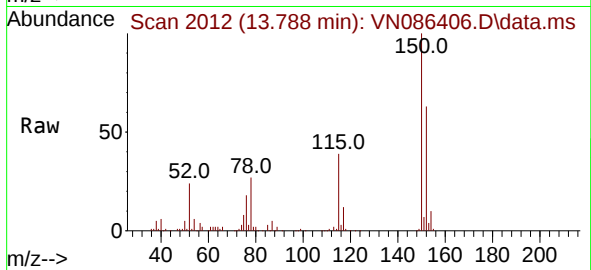
Tgt Ion: 117 Resp: 322671
Ion Ratio Lower Upper
117 100
82 54.7 44.7 67.1
119 31.9 26.4 39.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN086406.D
 Acq: 28 Apr 2025 13:08

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167744ZHE#03



Tgt Ion:152 Resp: 138646
 Ion Ratio Lower Upper
 152 100
 115 61.2 31.9 95.9
 150 157.4 0.0 352.0

