

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031925\
 Data File : VN086012.D
 Acq On : 19 Mar 2025 16:26
 Operator : JC\MD
 Sample : PB167194ZHE#02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167194ZHE#02

Quant Time: Mar 20 02:45:58 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 19 03:20:56 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

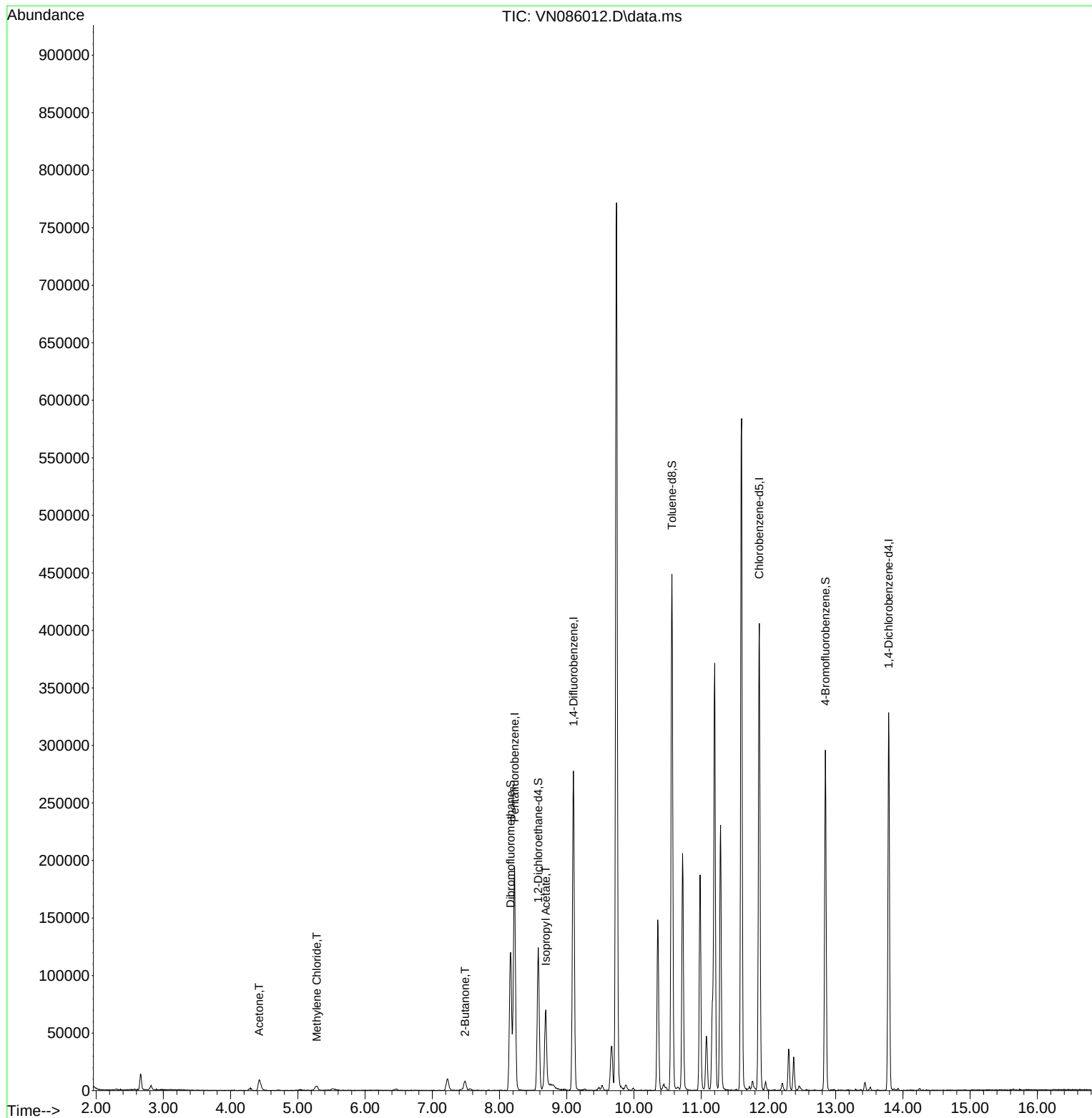
Internal Standards						
1) Pentafluorobenzene	8.224	168	138135	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	241700	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	238319	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	92171	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	102950	54.427	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	108.860%
35) Dibromofluoromethane	8.165	113	87881	52.092	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.180%
50) Toluene-d8	10.565	98	318179	51.967	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.940%
62) 4-Bromofluorobenzene	12.847	95	100278	45.924	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	91.840%
Target Compounds						
						Qvalue
16) Acetone	4.424	43	17676	30.587	ug/l	90
20) Methylene Chloride	5.283	84	3446	2.038	ug/l #	82
25) 2-Butanone	7.488	43	13683	16.409	ug/l	97
43) Isopropyl Acetate	8.688	43	75469	18.584	ug/l #	88

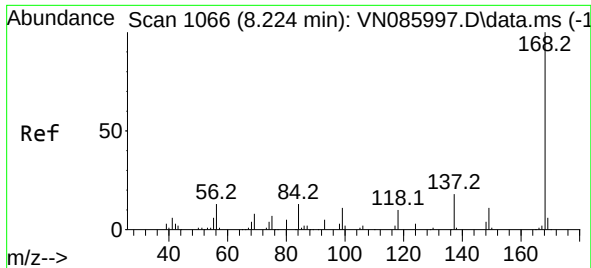
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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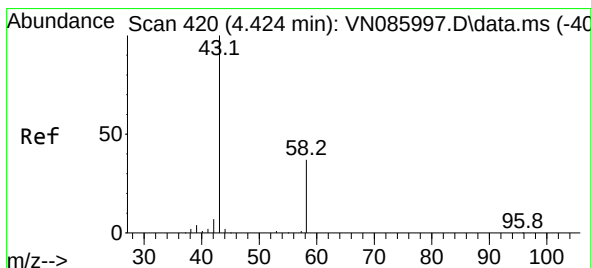
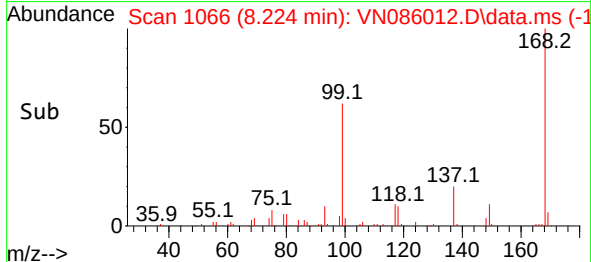
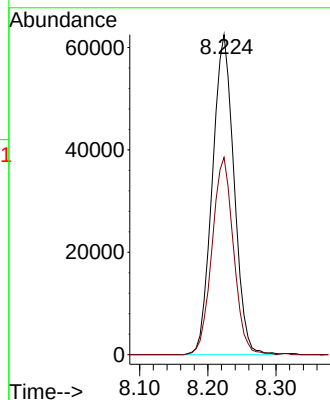
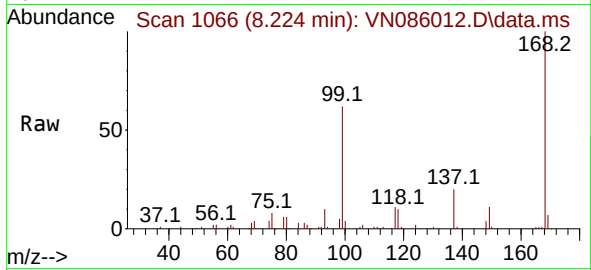




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086012.D
Acq: 19 Mar 2025 16:26

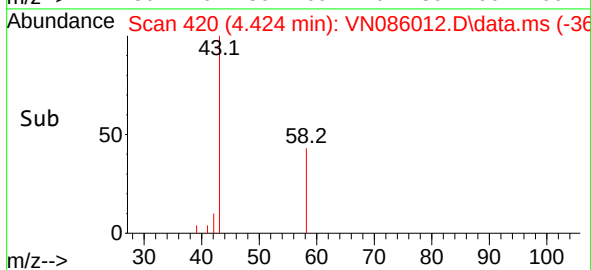
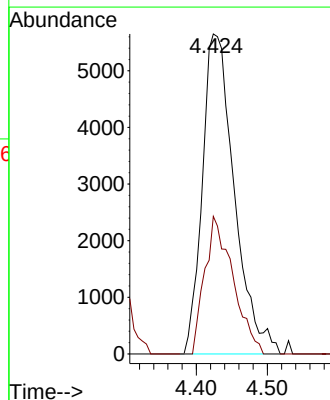
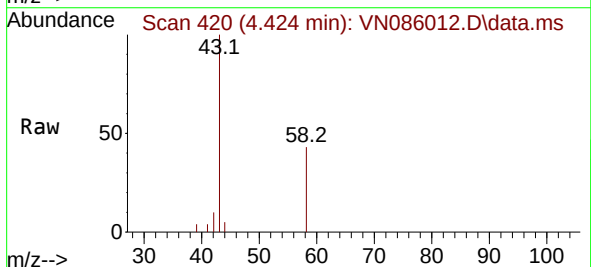
Instrument :
MSVOA_N
ClientSampleId :
PB167194ZHE#02

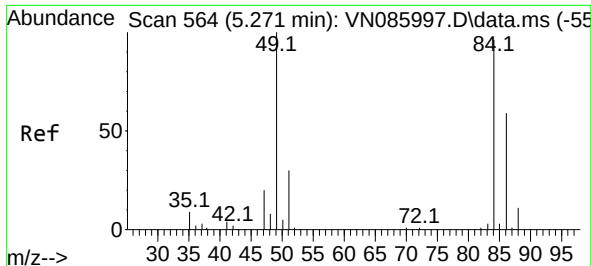
Tgt Ion:168 Resp: 138135
Ion Ratio Lower Upper
168 100
99 61.7 49.4 74.2



#16
Acetone
Concen: 30.587 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN086012.D
Acq: 19 Mar 2025 16:26

Tgt Ion: 43 Resp: 17676
Ion Ratio Lower Upper
43 100
58 43.0 29.4 44.2

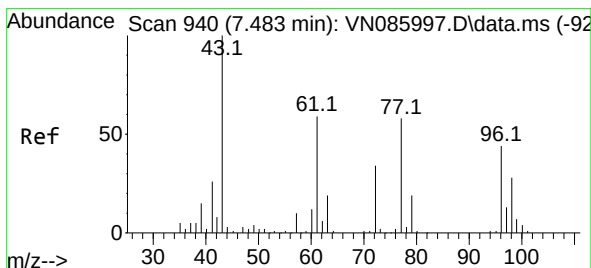
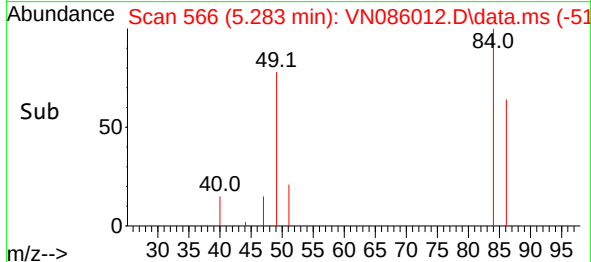
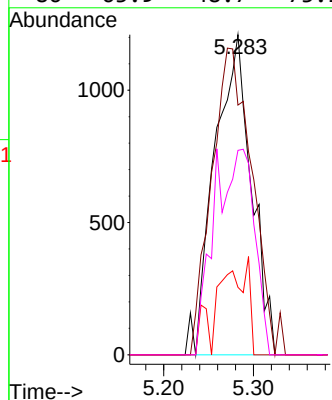
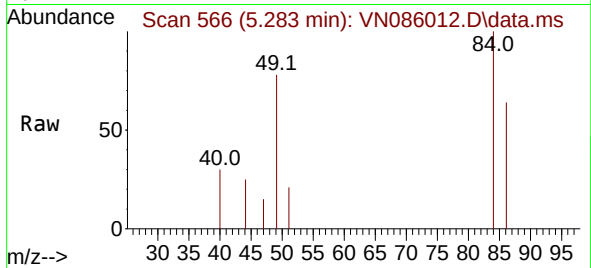




#20
Methylene Chloride
Concen: 2.038 ug/l
RT: 5.283 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN086012.D
Acq: 19 Mar 2025 16:26

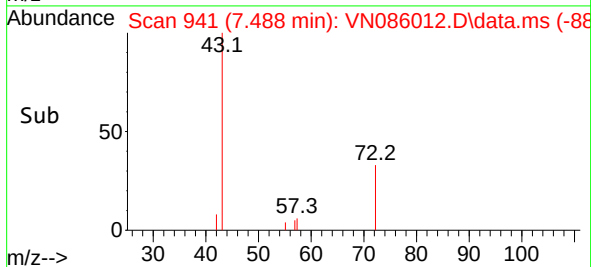
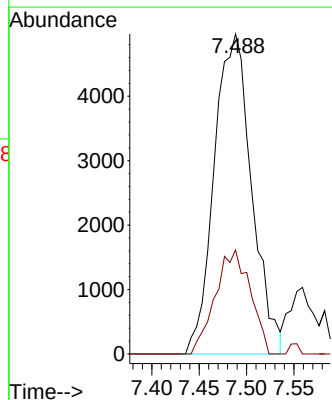
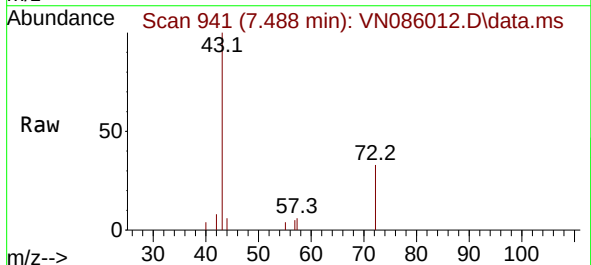
Instrument :
MSVOA_N
ClientSampleId :
PB167194ZHE#02

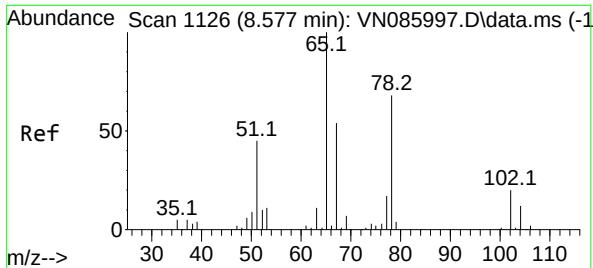
Tgt Ion: 84	Resp: 3446
Ion Ratio	Lower Upper
84 100	
49 78.0	83.3 124.9#
51 21.1	24.8 37.2#
86 63.9	48.7 73.1



#25
2-Butanone
Concen: 16.409 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN086012.D
Acq: 19 Mar 2025 16:26

Tgt Ion: 43	Resp: 13683
Ion Ratio	Lower Upper
43 100	
72 32.5	27.4 41.0

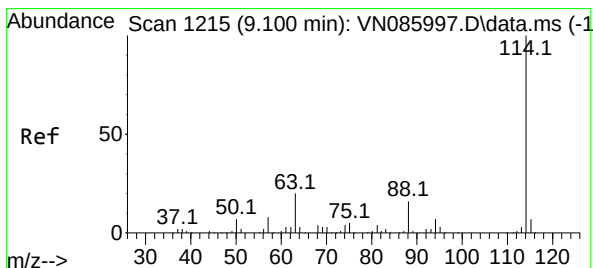
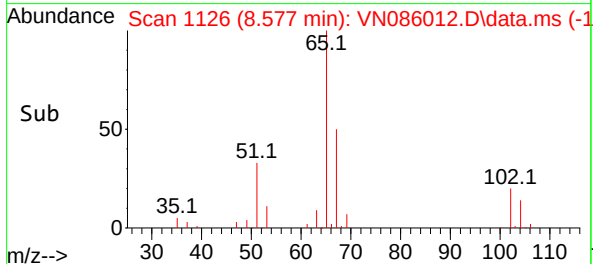
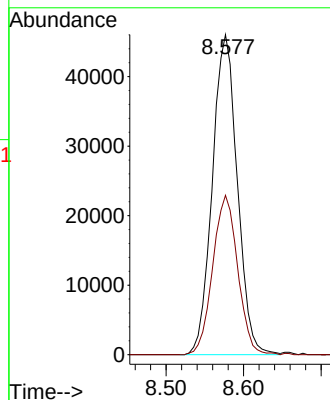
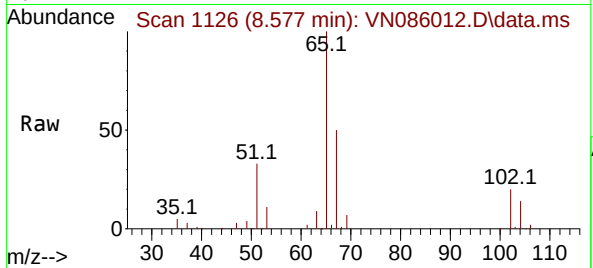




#33
 1,2-Dichloroethane-d4
 Concen: 54.427 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: VN086012.D
 Acq: 19 Mar 2025 16:26

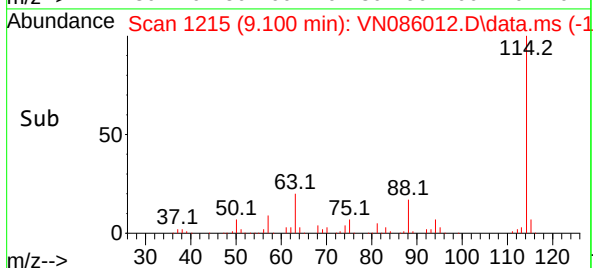
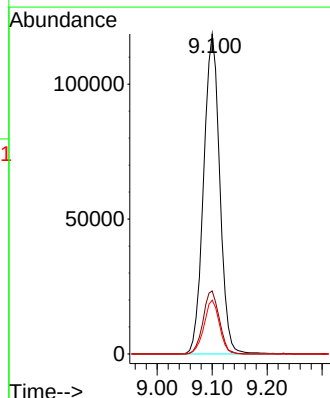
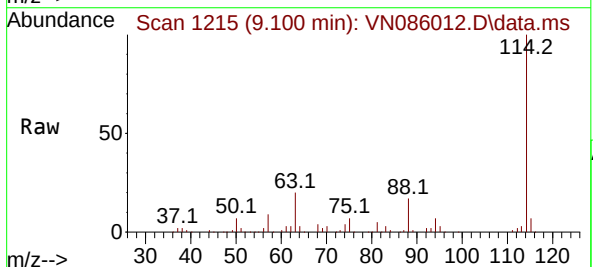
Instrument :
 MSVOA_N
 ClientSampleId :
 PB167194ZHE#02

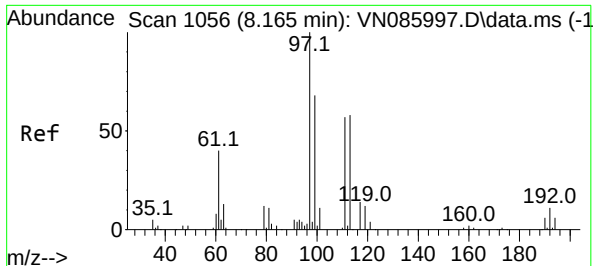
Tgt Ion: 65 Resp: 102950
 Ion Ratio Lower Upper
 65 100
 67 49.8 0.0 102.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. -0.000 min
 Lab File: VN086012.D
 Acq: 19 Mar 2025 16:26

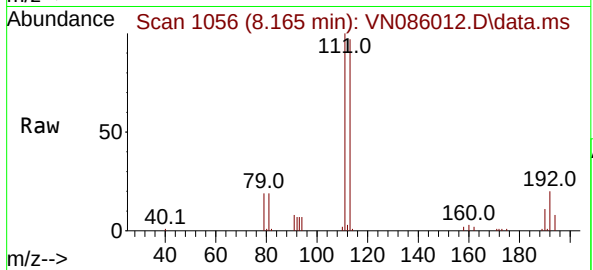
Tgt Ion: 114 Resp: 241700
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 39.6
 88 16.8 0.0 32.6



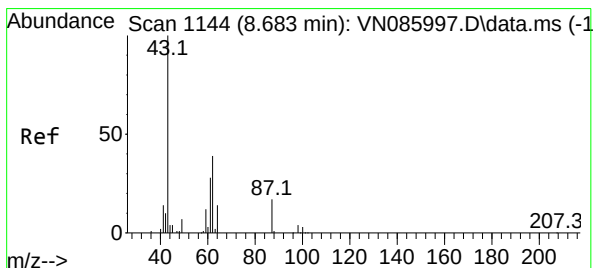
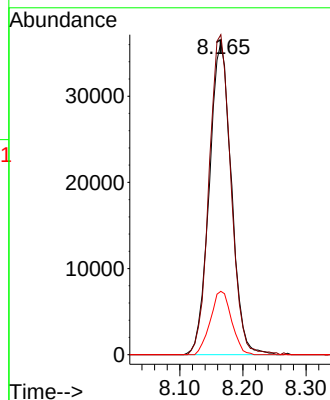
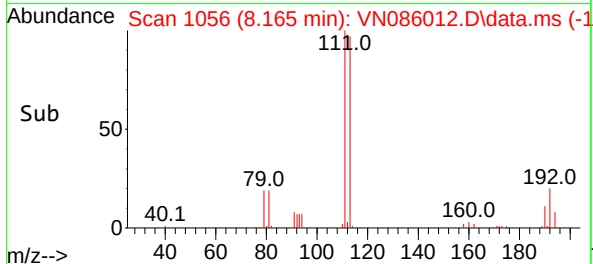


#35
Dibromofluoromethane
Concen: 52.092 ug/l
RT: 8.165 min Scan# 110
Delta R.T. -0.000 min
Lab File: VN086012.D
Acq: 19 Mar 2025 16:26

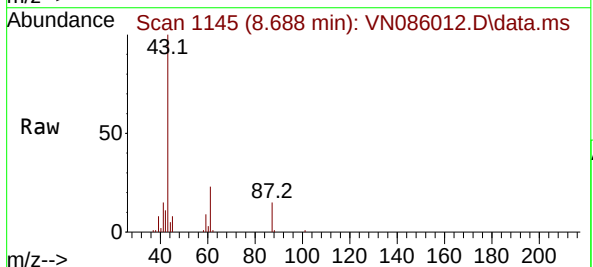
Instrument :
MSVOA_N
ClientSampleId :
PB167194ZHE#02



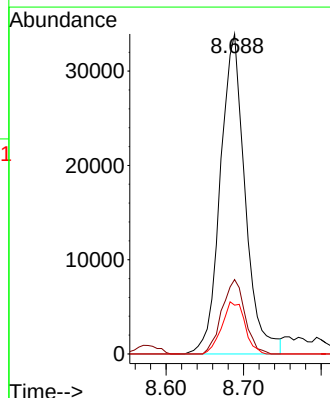
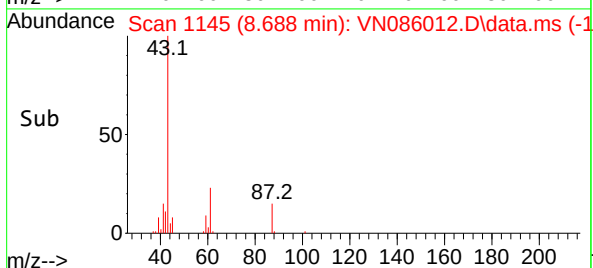
Tgt Ion:113 Resp: 87881
Ion Ratio Lower Upper
113 100
111 101.3 81.8 122.8
192 19.5 15.9 23.9

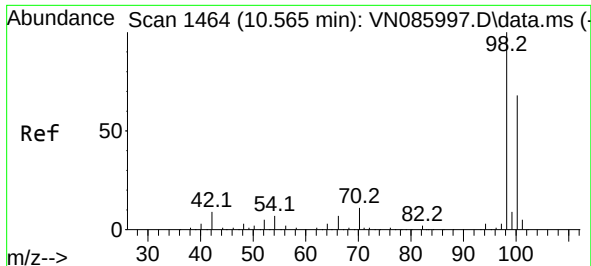


#43
Isopropyl Acetate
Concen: 18.584 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VN086012.D
Acq: 19 Mar 2025 16:26



Tgt Ion: 43 Resp: 75469
Ion Ratio Lower Upper
43 100
61 21.7 25.0 37.6#
87 15.1 13.0 19.4

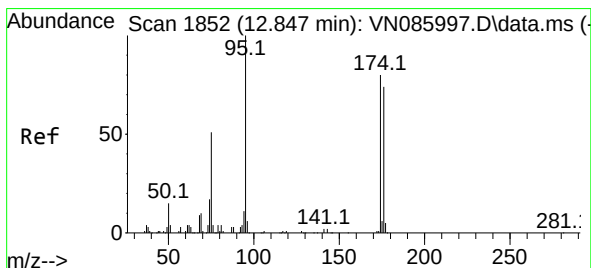
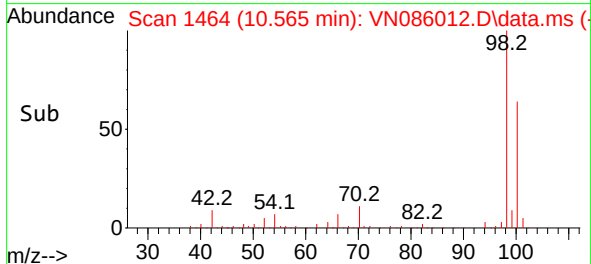
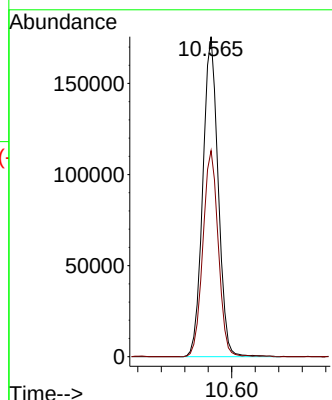
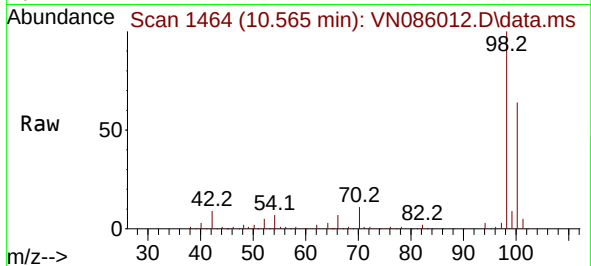




#50
Toluene-d8
Concen: 51.967 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086012.D
Acq: 19 Mar 2025 16:26

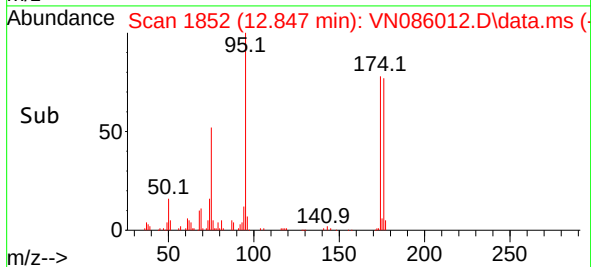
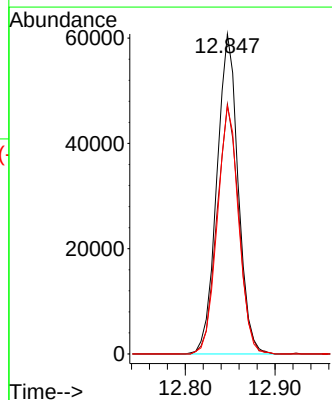
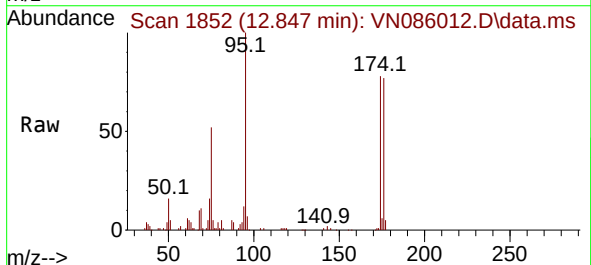
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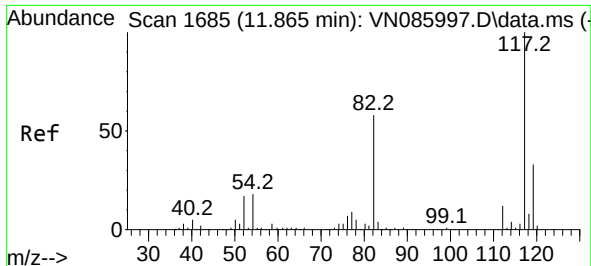
Tgt Ion: 98 Resp: 318179
Ion Ratio Lower Upper
98 100
100 64.6 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 45.924 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086012.D
Acq: 19 Mar 2025 16:26

Tgt Ion: 95 Resp: 100278
Ion Ratio Lower Upper
95 100
174 79.6 0.0 156.8
176 77.5 0.0 152.2

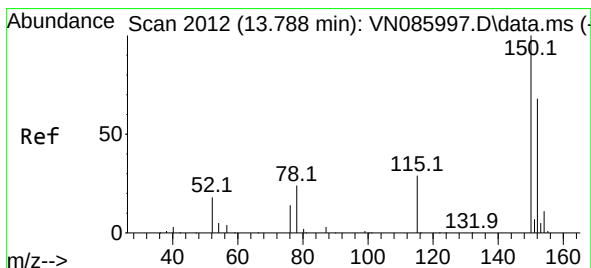
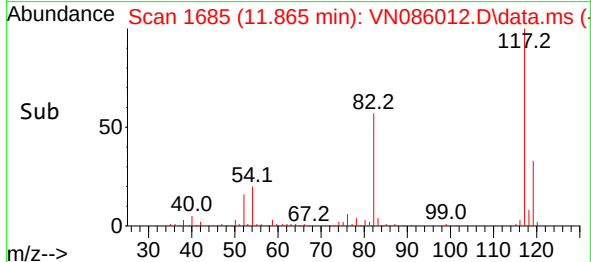
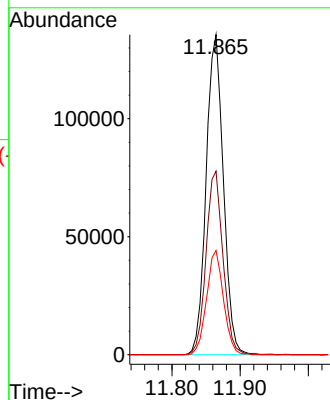
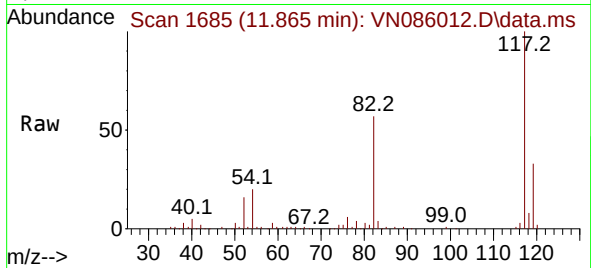




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN086012.D
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Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:117 Resp: 238319
Ion Ratio Lower Upper
117 100
82 57.4 46.7 70.1
119 32.5 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086012.D
Acq: 19 Mar 2025 16:26

Tgt Ion:152 Resp: 92171
Ion Ratio Lower Upper
152 100
115 60.6 31.1 93.2
150 160.6 0.0 359.6

