

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032525\
 Data File : VN086102.D
 Acq On : 25 Mar 2025 15:52
 Operator : JC\MD
 Sample : PB167276ZHE#07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167276ZHE#07

Quant Time: Mar 26 03:19:50 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)

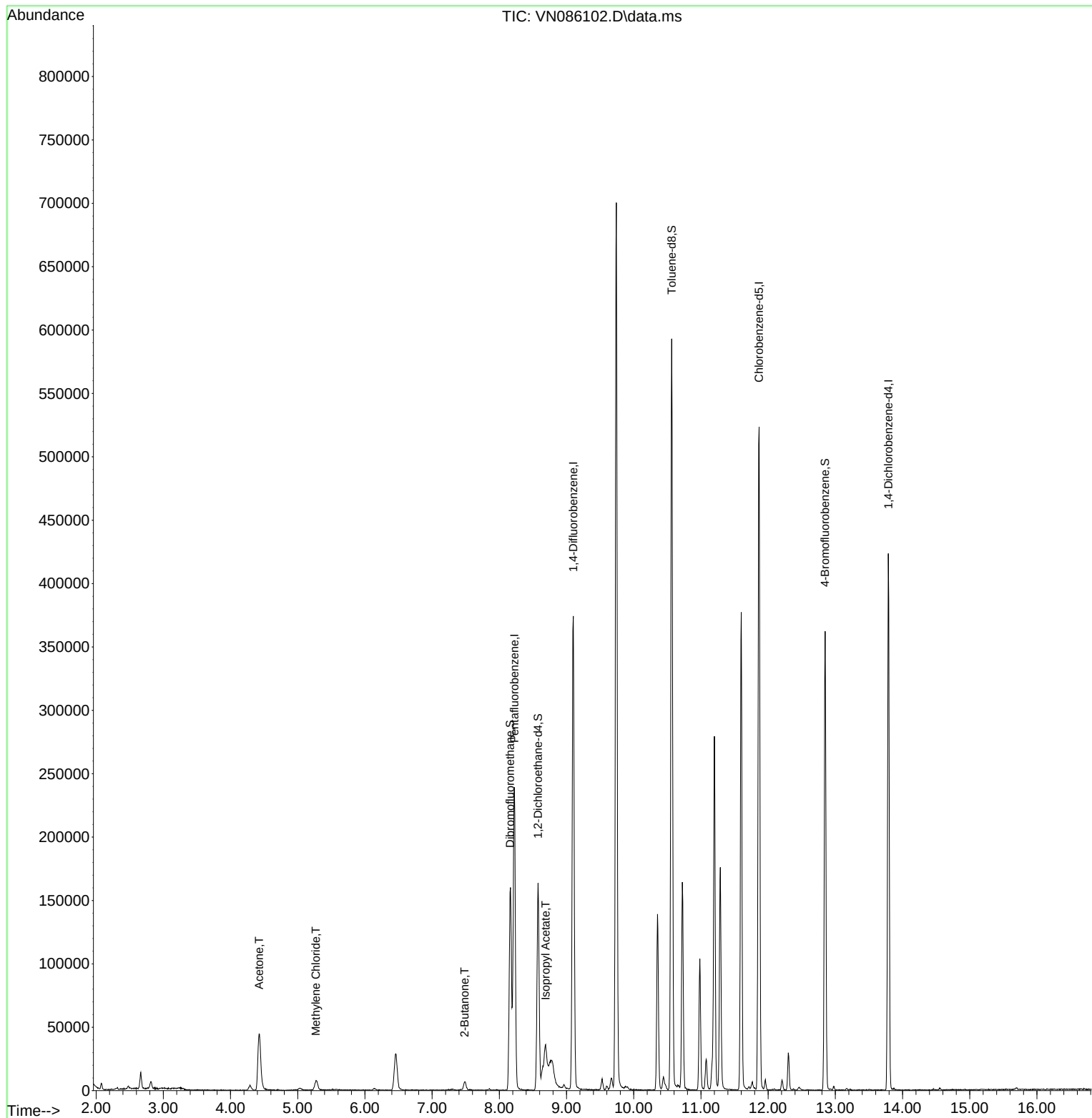
Internal Standards						
1) Pentafluorobenzene	8.224	168	175996	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	332858	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	317156	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	120077	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	134096	55.642	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	111.280%
35) Dibromofluoromethane	8.159	113	117795	50.701	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.400%
50) Toluene-d8	10.565	98	423135	50.182	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.360%
62) 4-Bromofluorobenzene	12.847	95	127947	42.548	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	85.100%
Target Compounds						
					Qvalue	
16) Acetone	4.424	43	85533	116.170	ug/l	100
20) Methylene Chloride	5.271	84	6771	3.144	ug/l	98
25) 2-Butanone	7.483	43	11684	10.998	ug/l	90
43) Isopropyl Acetate	8.689	43	55414	9.908	ug/l #	65

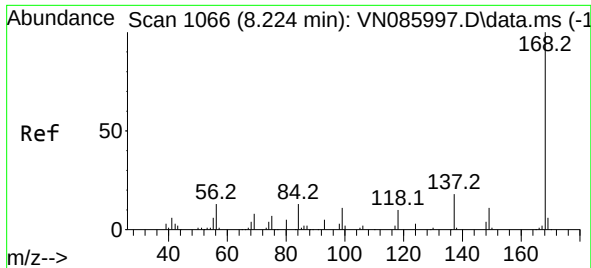
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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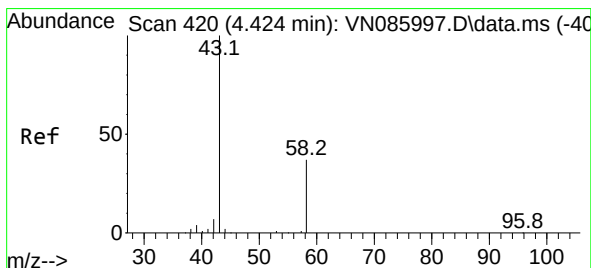
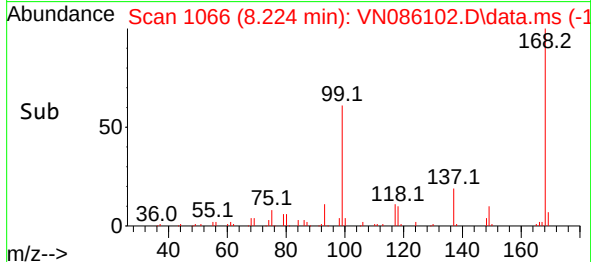
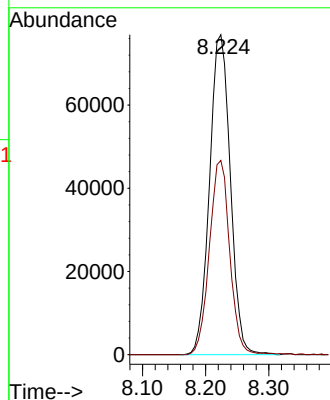
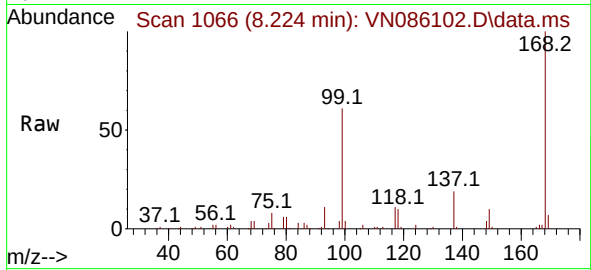




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086102.D
Acq: 25 Mar 2025 15:52

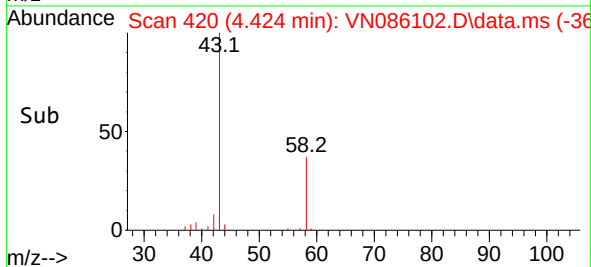
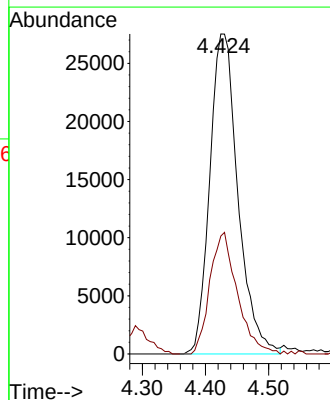
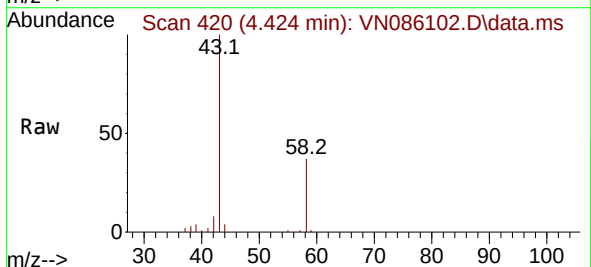
Instrument :
MSVOA_N
ClientSampleId :
PB167276ZHE#07

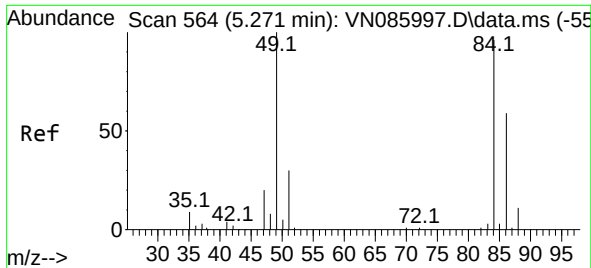
Tgt Ion:168 Resp: 175996
Ion Ratio Lower Upper
168 100
99 60.7 49.4 74.2



#16
Acetone
Concen: 116.170 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN086102.D
Acq: 25 Mar 2025 15:52

Tgt Ion: 43 Resp: 85533
Ion Ratio Lower Upper
43 100
58 36.9 29.4 44.2

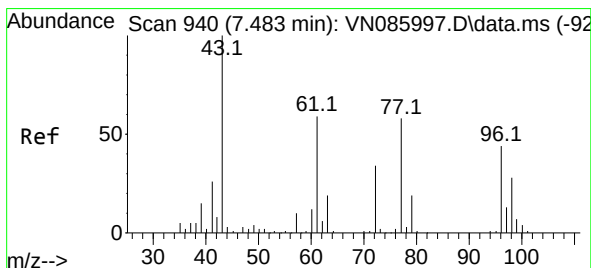
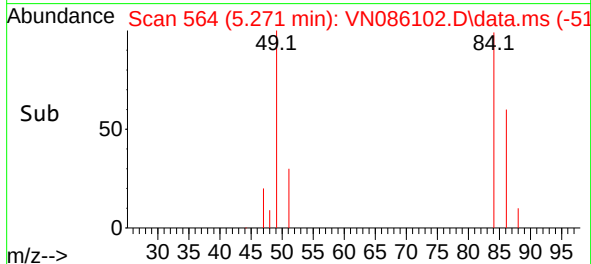
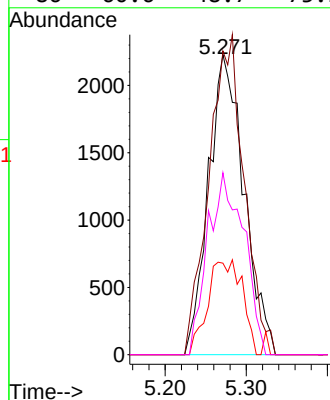
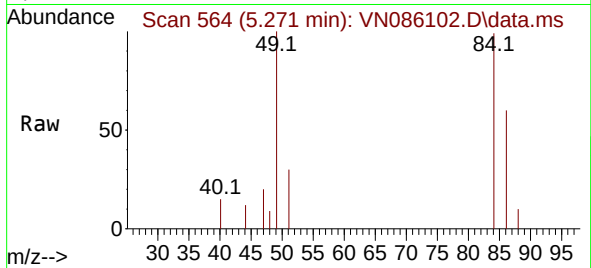




#20
Methylene Chloride
Concen: 3.144 ug/l
RT: 5.271 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN086102.D
Acq: 25 Mar 2025 15:52

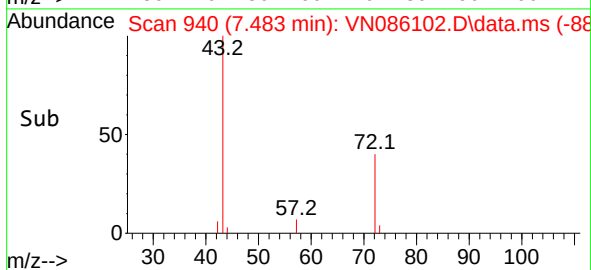
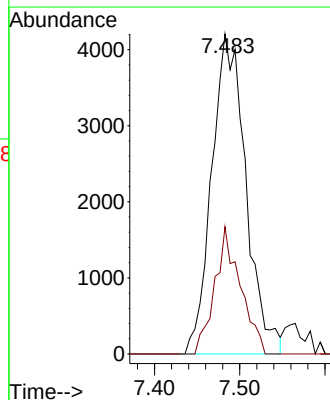
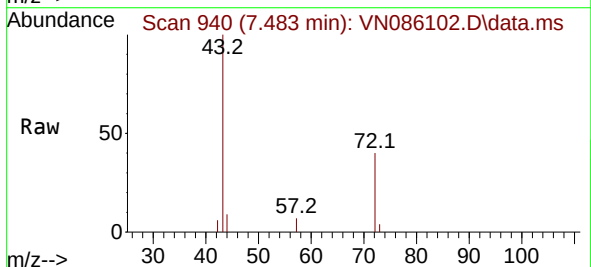
Instrument :
MSVOA_N
ClientSampleId :
PB167276ZHE#07

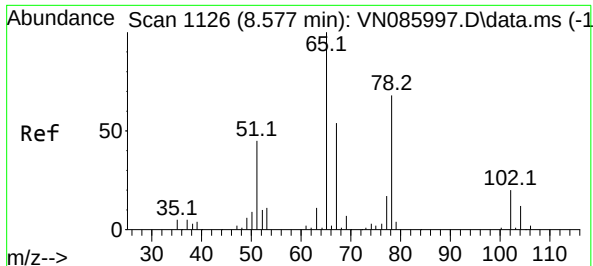
Tgt Ion: 84	Resp: 6771
Ion Ratio	Lower Upper
84 100	
49 101.3	83.3 124.9
51 30.5	24.8 37.2
86 60.6	48.7 73.1



#25
2-Butanone
Concen: 10.998 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN086102.D
Acq: 25 Mar 2025 15:52

Tgt Ion: 43	Resp: 11684
Ion Ratio	Lower Upper
43 100	
72 39.7	27.4 41.0





#33

1,2-Dichloroethane-d4

Concen: 55.642 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN086102.D

Acq: 25 Mar 2025 15:52

Instrument :

MSVOA_N

ClientSampleId :

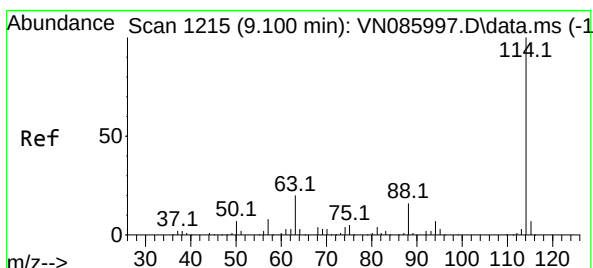
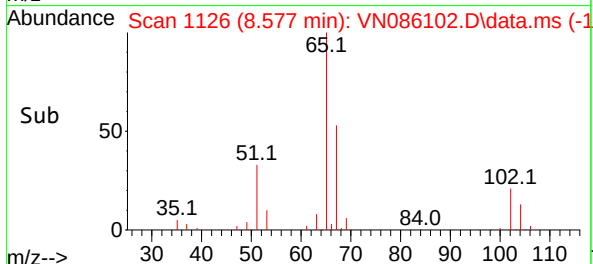
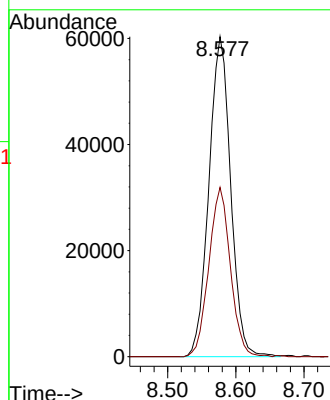
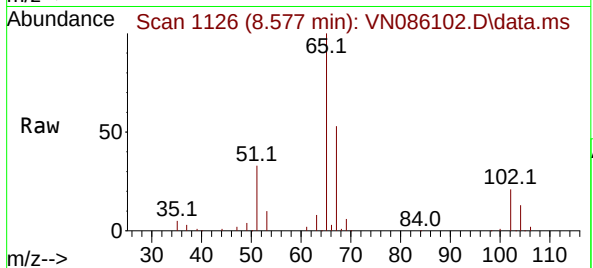
PB167276ZHE#07

Tgt Ion: 65 Resp: 134096

Ion Ratio Lower Upper

65 100

67 52.4 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: VN086102.D

Acq: 25 Mar 2025 15:52

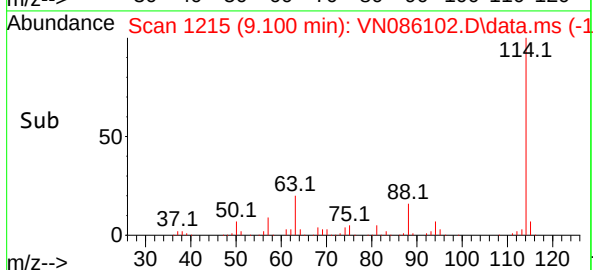
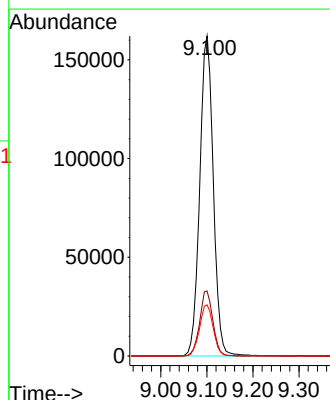
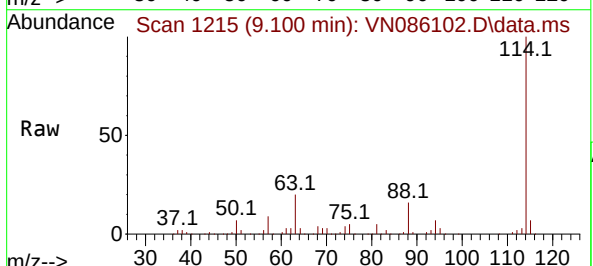
Tgt Ion: 114 Resp: 332858

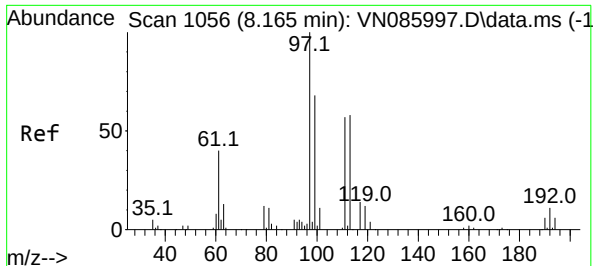
Ion Ratio Lower Upper

114 100

63 20.3 0.0 39.6

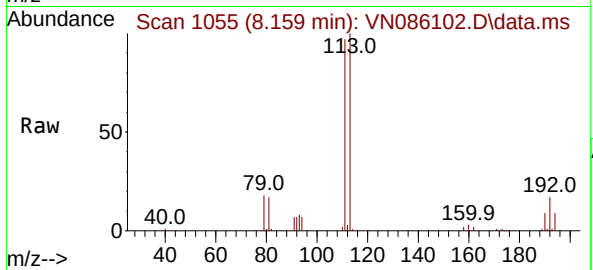
88 15.9 0.0 32.6



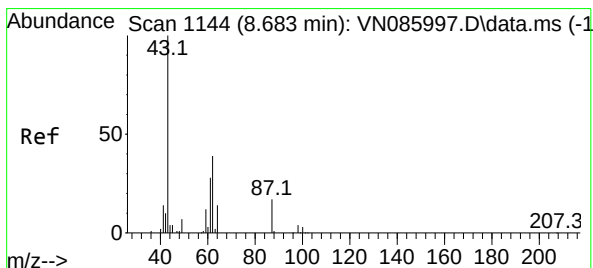
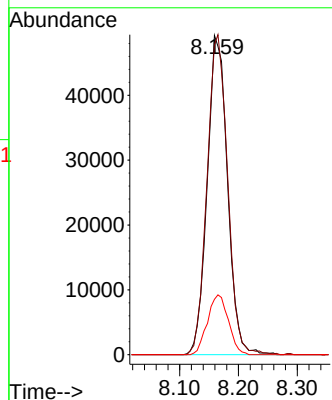
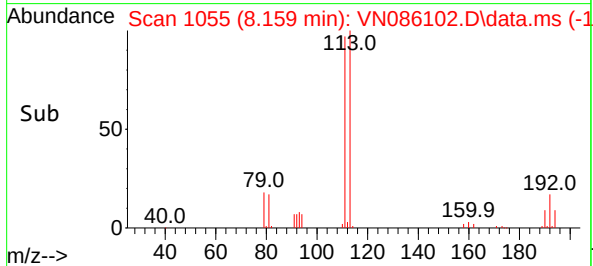


#35
Dibromofluoromethane
Concen: 50.701 ug/l
RT: 8.159 min Scan# 110
Delta R.T. -0.006 min
Lab File: VN086102.D
Acq: 25 Mar 2025 15:52

Instrument :
MSVOA_N
ClientSampleId :
PB167276ZHE#07

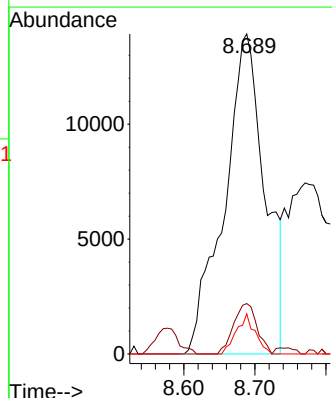
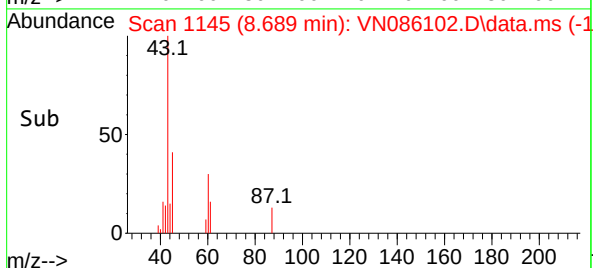
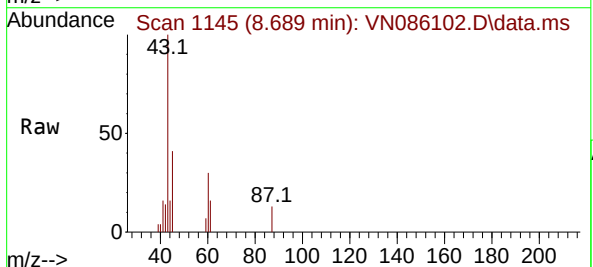


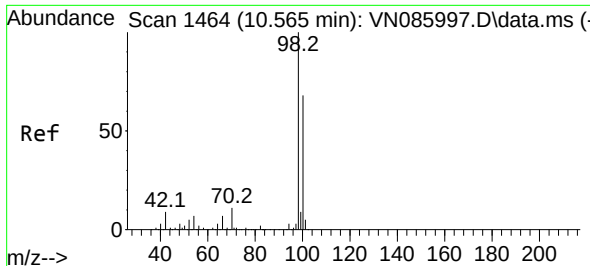
Tgt Ion:113 Resp: 117795
Ion Ratio Lower Upper
113 100
111 101.5 81.8 122.8
192 19.3 15.9 23.9



#43
Isopropyl Acetate
Concen: 9.908 ug/l
RT: 8.689 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VN086102.D
Acq: 25 Mar 2025 15:52

Tgt Ion: 43 Resp: 55414
Ion Ratio Lower Upper
43 100
61 9.1 25.0 37.6#
87 5.7 13.0 19.4#

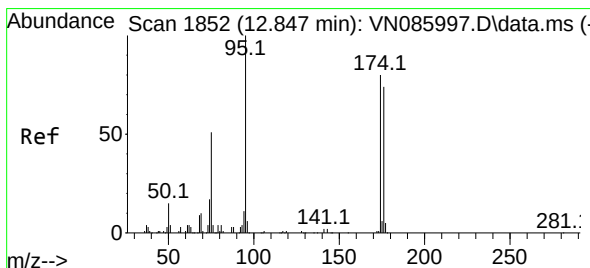
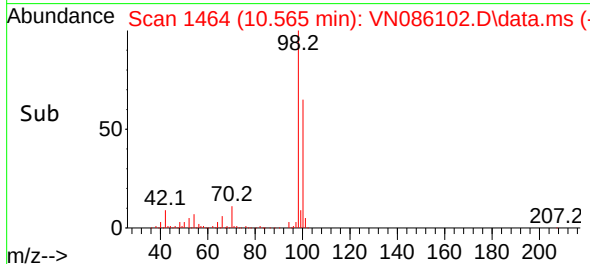
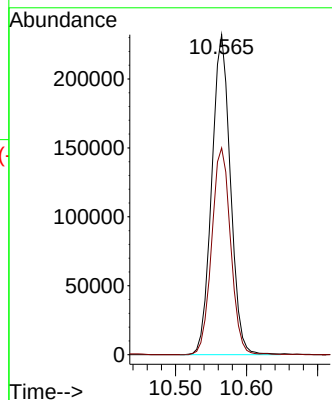
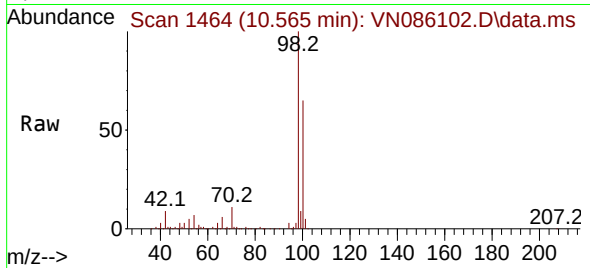




#50
Toluene-d8
Concen: 50.182 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN086102.D
Acq: 25 Mar 2025 15:52

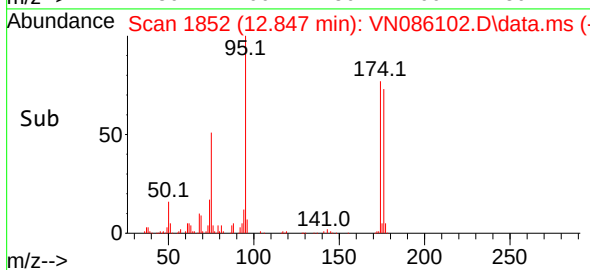
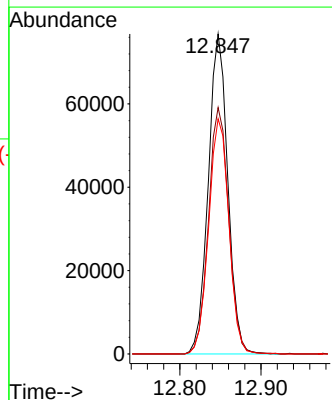
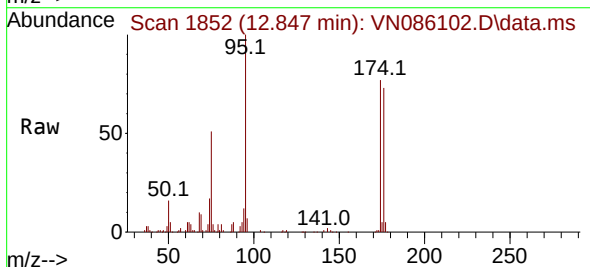
Instrument :
MSVOA_N
ClientSampleId :
PB167276ZHE#07

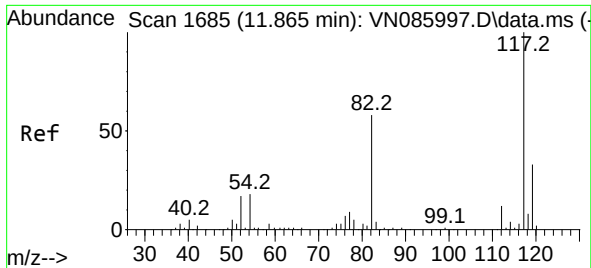
Tgt Ion: 98 Resp: 423135
Ion Ratio Lower Upper
98 100
100 65.5 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 42.548 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086102.D
Acq: 25 Mar 2025 15:52

Tgt Ion: 95 Resp: 127947
Ion Ratio Lower Upper
95 100
174 80.0 0.0 156.8
176 76.3 0.0 152.2

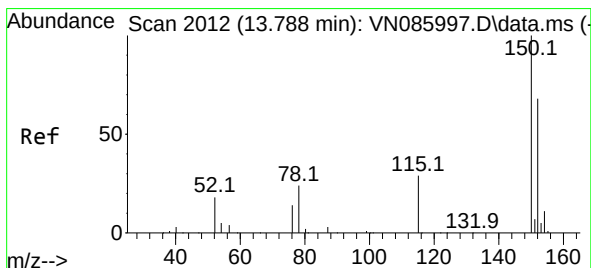
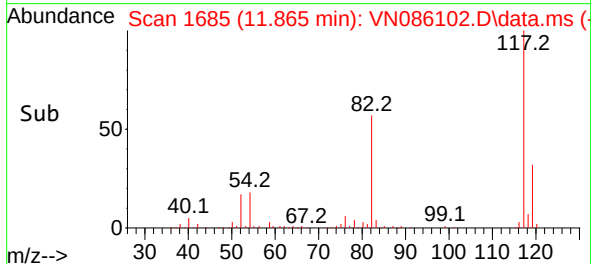
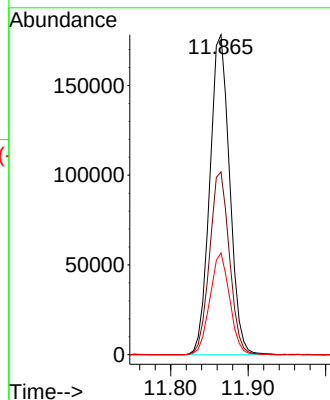
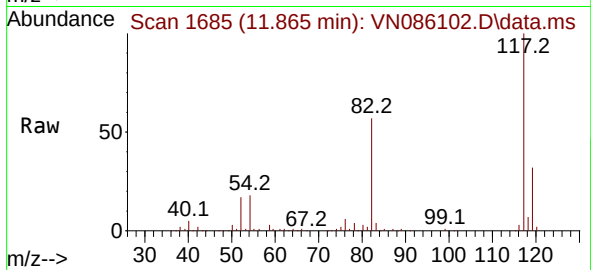




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086102.D
Acq: 25 Mar 2025 15:52

Instrument :
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ClientSampleId :
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Tgt Ion:117 Resp: 317156
Ion Ratio Lower Upper
117 100
82 57.1 46.7 70.1
119 31.8 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: VN086102.D
Acq: 25 Mar 2025 15:52

Tgt Ion:152 Resp: 120077
Ion Ratio Lower Upper
152 100
115 60.7 31.1 93.2
150 156.7 0.0 359.6

