

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032125\
 Data File : VN086052.D
 Acq On : 21 Mar 2025 20:06
 Operator : JC\MD
 Sample : PB167234ZHE#12
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167234ZHE#12

Quant Time: Mar 21 23:04:29 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)

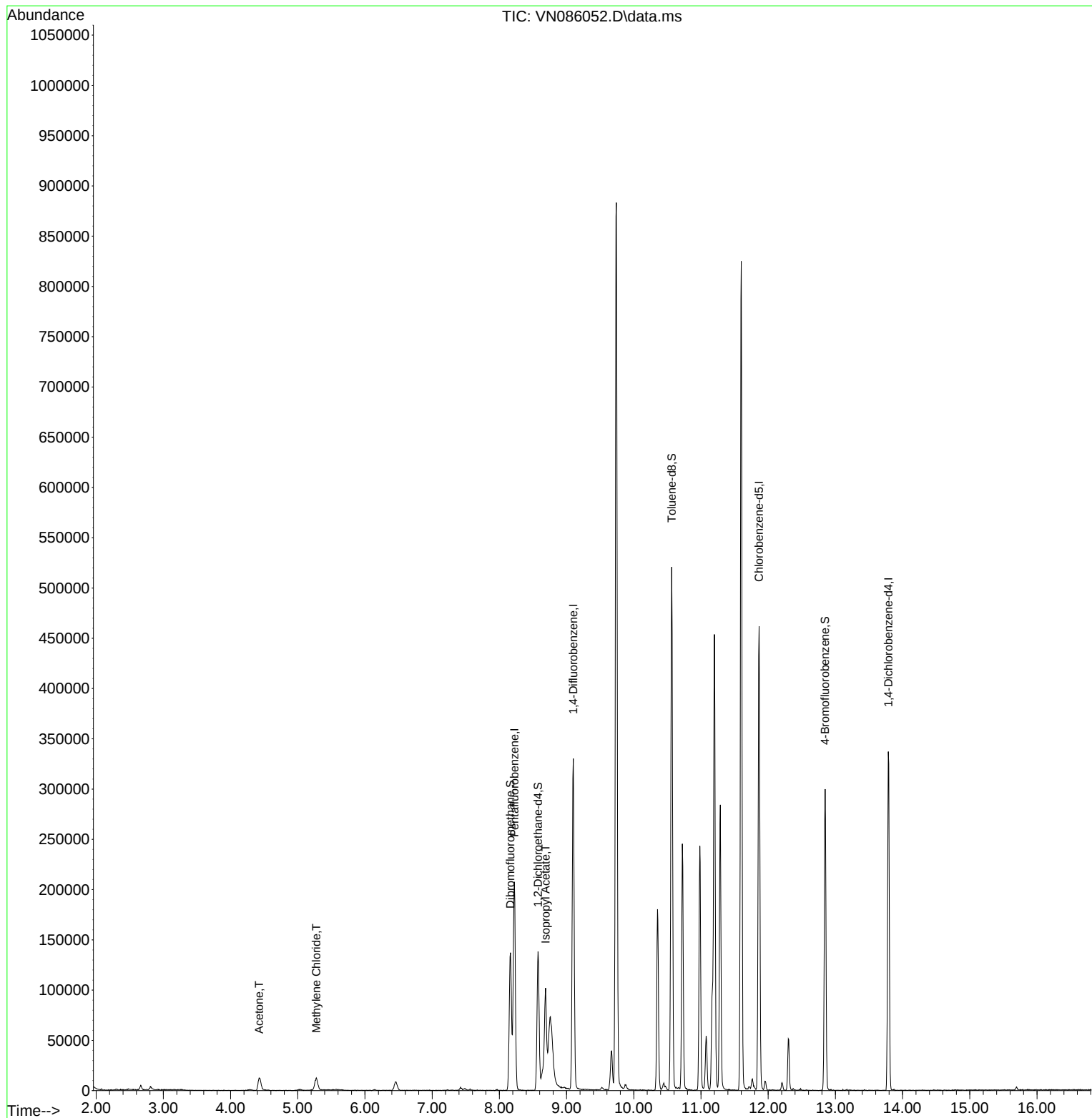
Internal Standards						
1) Pentafluorobenzene	8.224	168	146866	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	285919	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	271974	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	97362	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	115936	57.648	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	115.300%
35) Dibromofluoromethane	8.165	113	100760	50.489	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.980%
50) Toluene-d8	10.565	98	364624	50.342	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.680%
62) 4-Bromofluorobenzene	12.847	95	107070	41.451	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	82.900%
Target Compounds						
					Qvalue	
16) Acetone	4.424	43	25110	40.869	ug/l	92
20) Methylene Chloride	5.277	84	10092	5.615	ug/l #	92
43) Isopropyl Acetate	8.688	43	123813	25.773	ug/l #	78

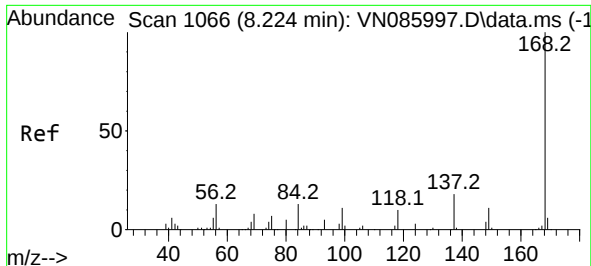
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032125\
Data File : VN086052.D
Acq On : 21 Mar 2025 20:06
Operator : JC\MD
Sample : PB167234ZHE#12
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB167234ZHE#12

Quant Time: Mar 21 23:04:29 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

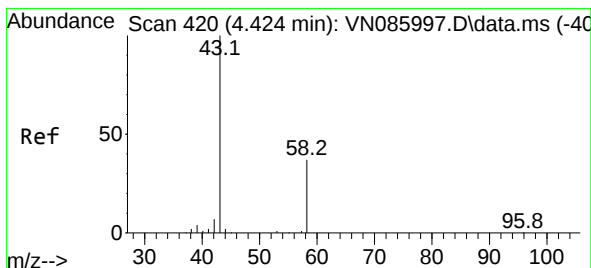
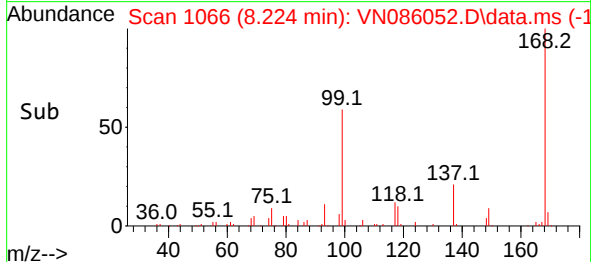
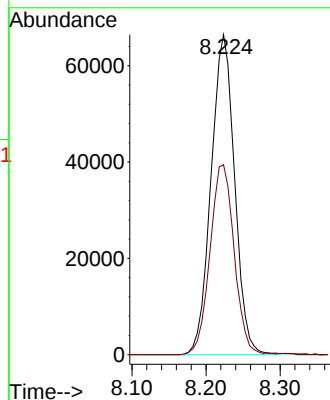
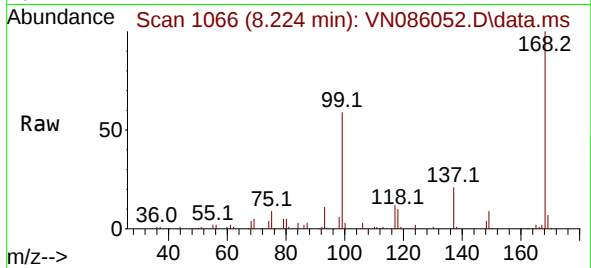




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086052.D
Acq: 21 Mar 2025 20:06

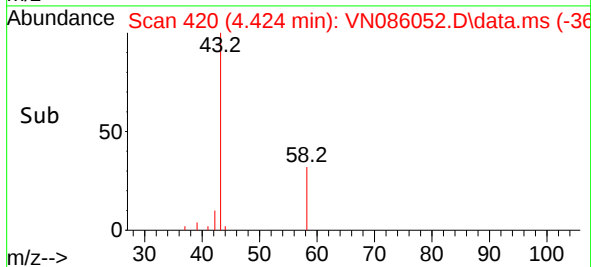
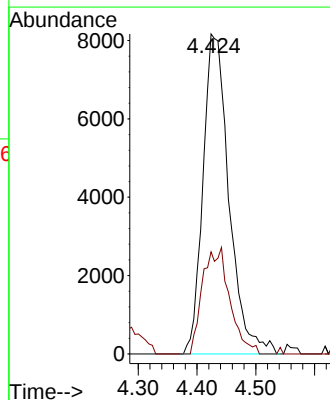
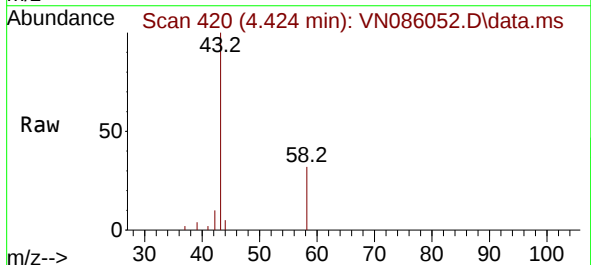
Instrument :
MSVOA_N
ClientSampleId :
PB167234ZHE#12

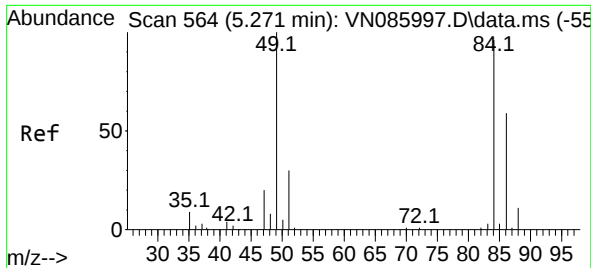
Tgt Ion:168 Resp: 146866
Ion Ratio Lower Upper
168 100
99 59.3 49.4 74.2



#16
Acetone
Concen: 40.869 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN086052.D
Acq: 21 Mar 2025 20:06

Tgt Ion: 43 Resp: 25110
Ion Ratio Lower Upper
43 100
58 31.9 29.4 44.2

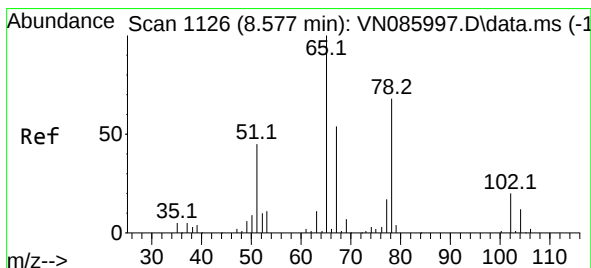
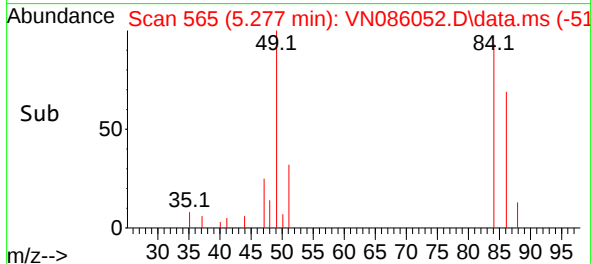
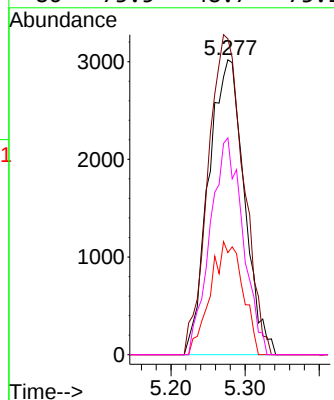
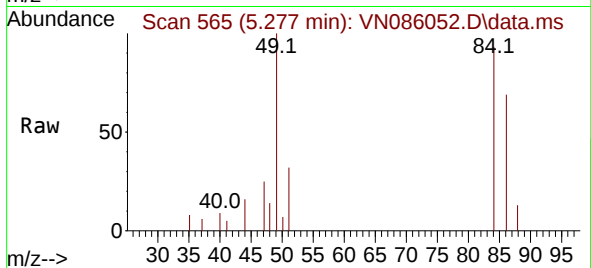




#20
Methylene Chloride
Concen: 5.615 ug/l
RT: 5.277 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN086052.D
Acq: 21 Mar 2025 20:06

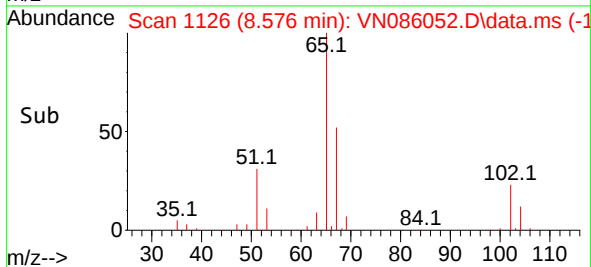
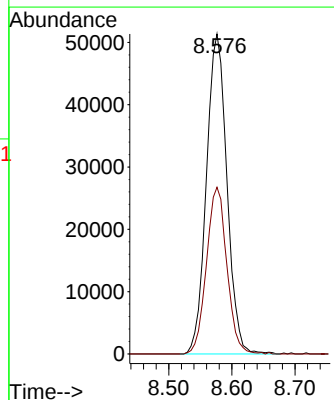
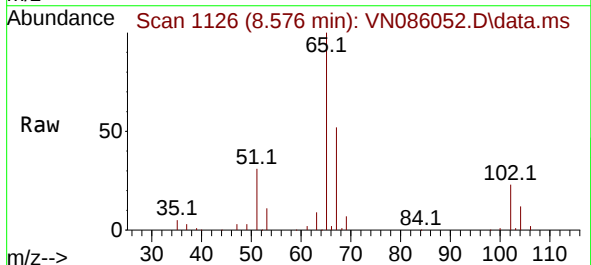
Instrument :
MSVOA_N
ClientSampleId :
PB167234ZHE#12

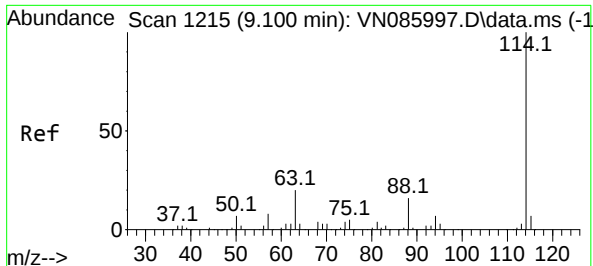
Tgt Ion: 84	Resp: 10092
Ion Ratio	Lower Upper
84 100	
49 107.1	83.3 124.9
51 34.6	24.8 37.2
86 73.5	48.7 73.1#



#33
1,2-Dichloroethane-d4
Concen: 57.648 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086052.D
Acq: 21 Mar 2025 20:06

Tgt Ion: 65	Resp: 115936
Ion Ratio	Lower Upper
65 100	
67 51.8	0.0 102.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN086052.D

Acq: 21 Mar 2025 20:06

Instrument :

MSVOA_N

ClientSampleId :

PB167234ZHE#12

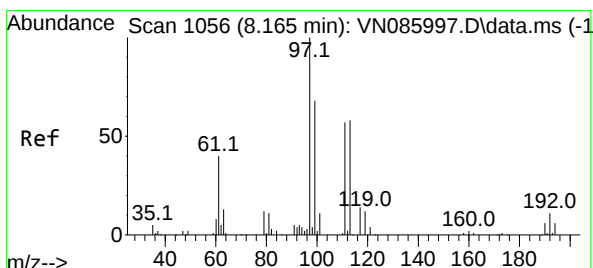
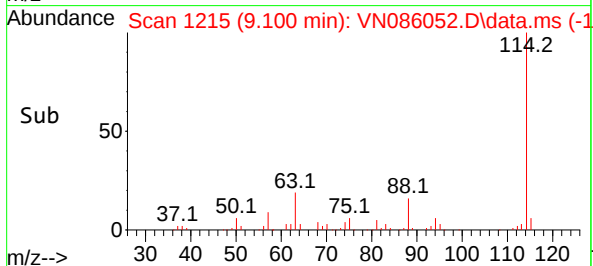
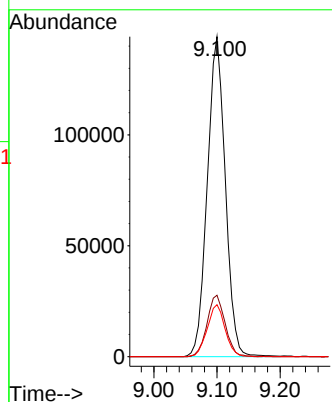
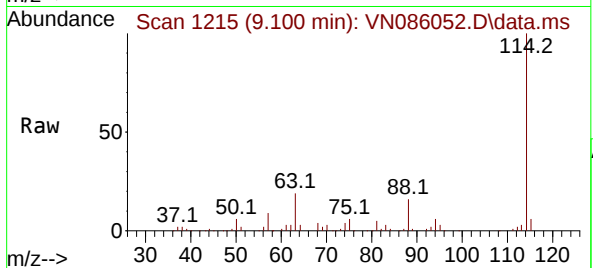
Tgt Ion:114 Resp: 285919

Ion Ratio Lower Upper

114 100

63 19.2 0.0 39.6

88 16.3 0.0 32.6



#35

Dibromofluoromethane

Concen: 50.489 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN086052.D

Acq: 21 Mar 2025 20:06

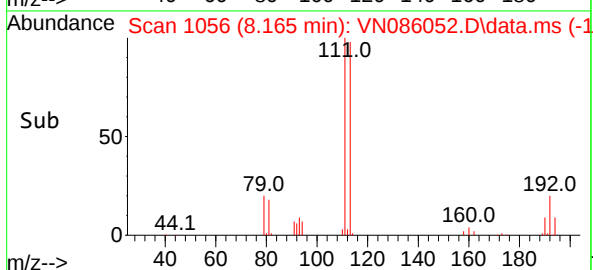
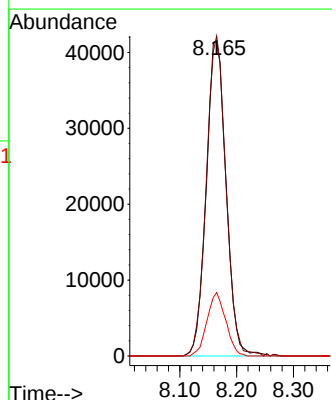
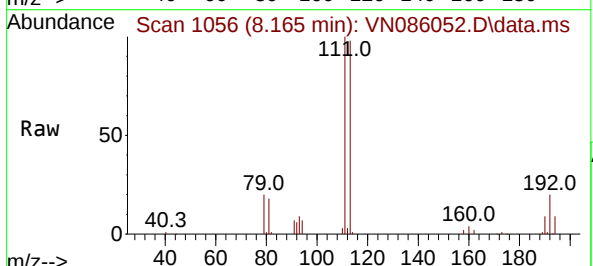
Tgt Ion:113 Resp: 100760

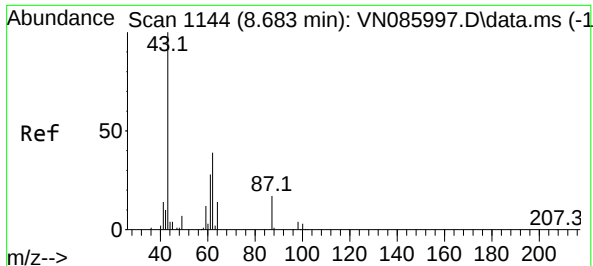
Ion Ratio Lower Upper

113 100

111 100.1 81.8 122.8

192 19.0 15.9 23.9





#43

Isopropyl Acetate

Concen: 25.773 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.006 min

Lab File: VN086052.D

Acq: 21 Mar 2025 20:06

Instrument :

MSVOA_N

ClientSampleId :

PB167234ZHE#12

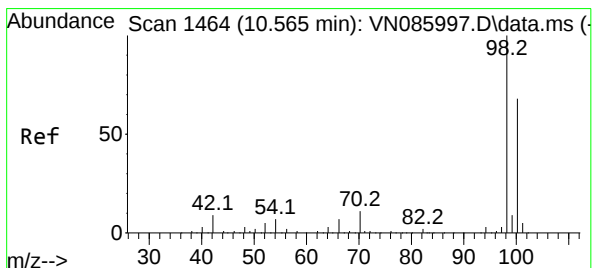
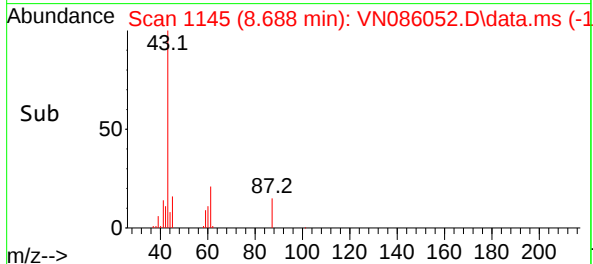
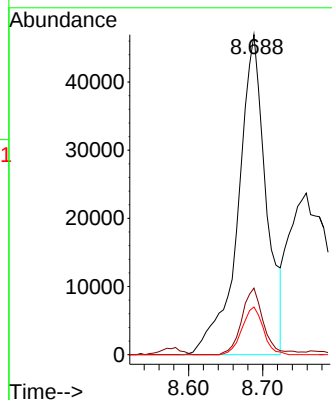
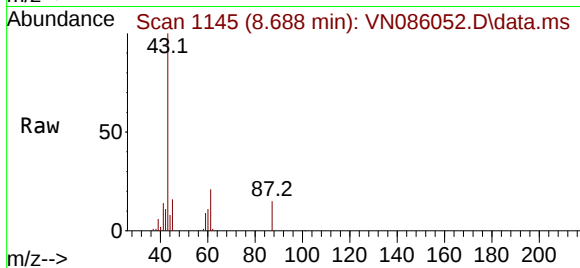
Tgt Ion: 43 Resp: 123813

Ion Ratio Lower Upper

43 100

61 16.1 25.0 37.6#

87 11.2 13.0 19.4#



#50

Toluene-d8

Concen: 50.342 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN086052.D

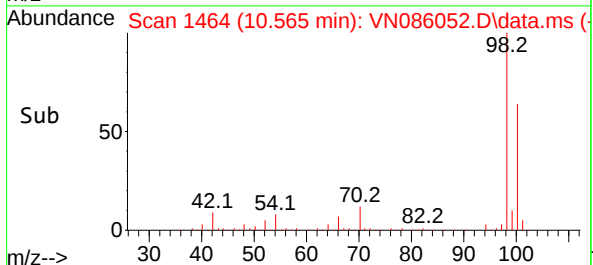
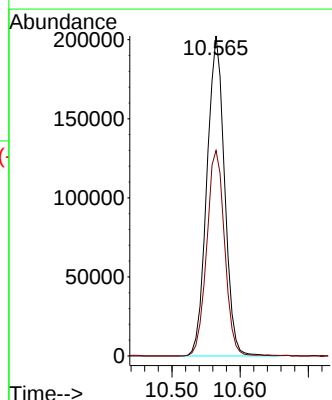
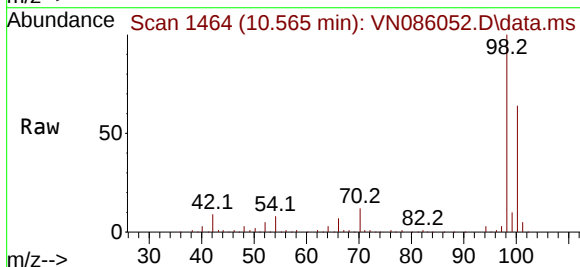
Acq: 21 Mar 2025 20:06

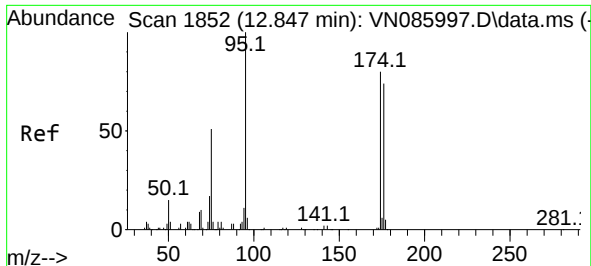
Tgt Ion: 98 Resp: 364624

Ion Ratio Lower Upper

98 100

100 64.9 53.1 79.7

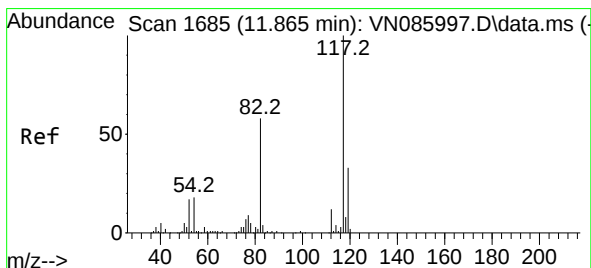
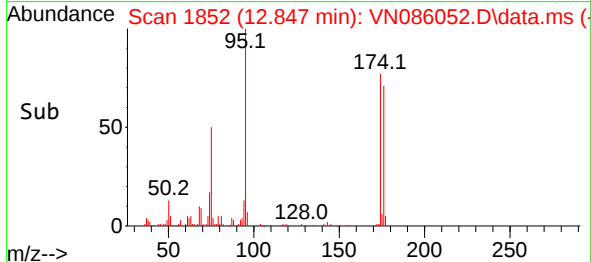
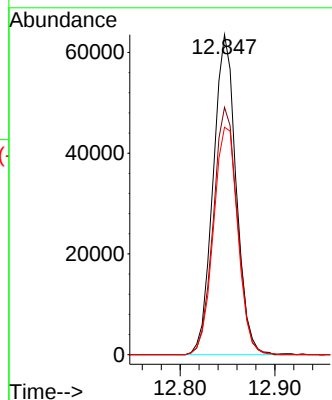
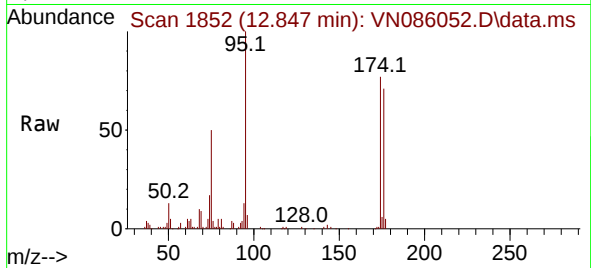




#62
4-Bromofluorobenzene
Concen: 41.451 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086052.D
Acq: 21 Mar 2025 20:06

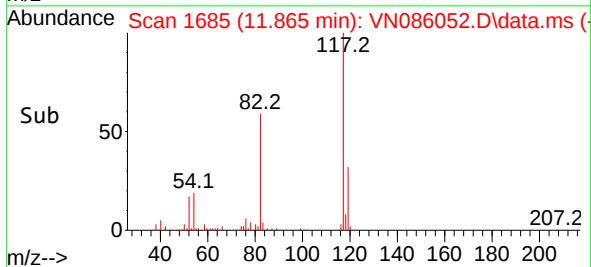
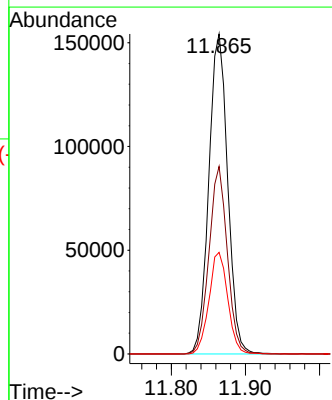
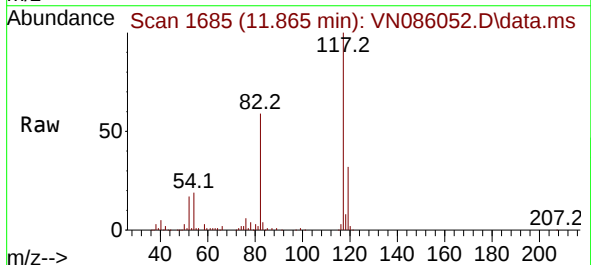
Instrument :
MSVOA_N
ClientSampleId :
PB167234ZHE#12

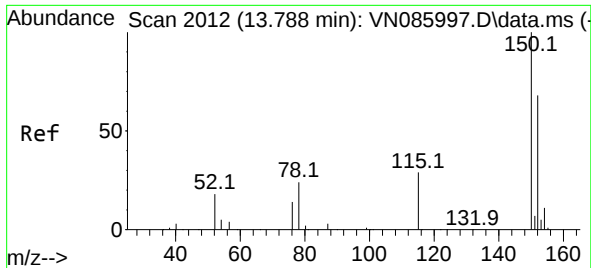
Tgt Ion: 95 Resp: 107070
Ion Ratio Lower Upper
95 100
174 80.8 0.0 156.8
176 75.7 0.0 152.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086052.D
Acq: 21 Mar 2025 20:06

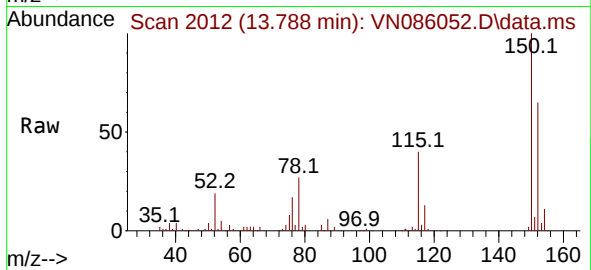
Tgt Ion: 117 Resp: 271974
Ion Ratio Lower Upper
117 100
82 58.6 46.7 70.1
119 31.7 26.5 39.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN086052.D
 Acq: 21 Mar 2025 20:06

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167234ZHE#12



Tgt Ion:152 Resp: 97362
 Ion Ratio Lower Upper
 152 100
 115 61.6 31.1 93.2
 150 157.4 0.0 359.6

