

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042825\
 Data File : VN086409.D
 Acq On : 28 Apr 2025 14:21
 Operator : JC\MD
 Sample : PB167744ZHE#06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167744ZHE#06

Quant Time: Apr 29 01:53:15 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)

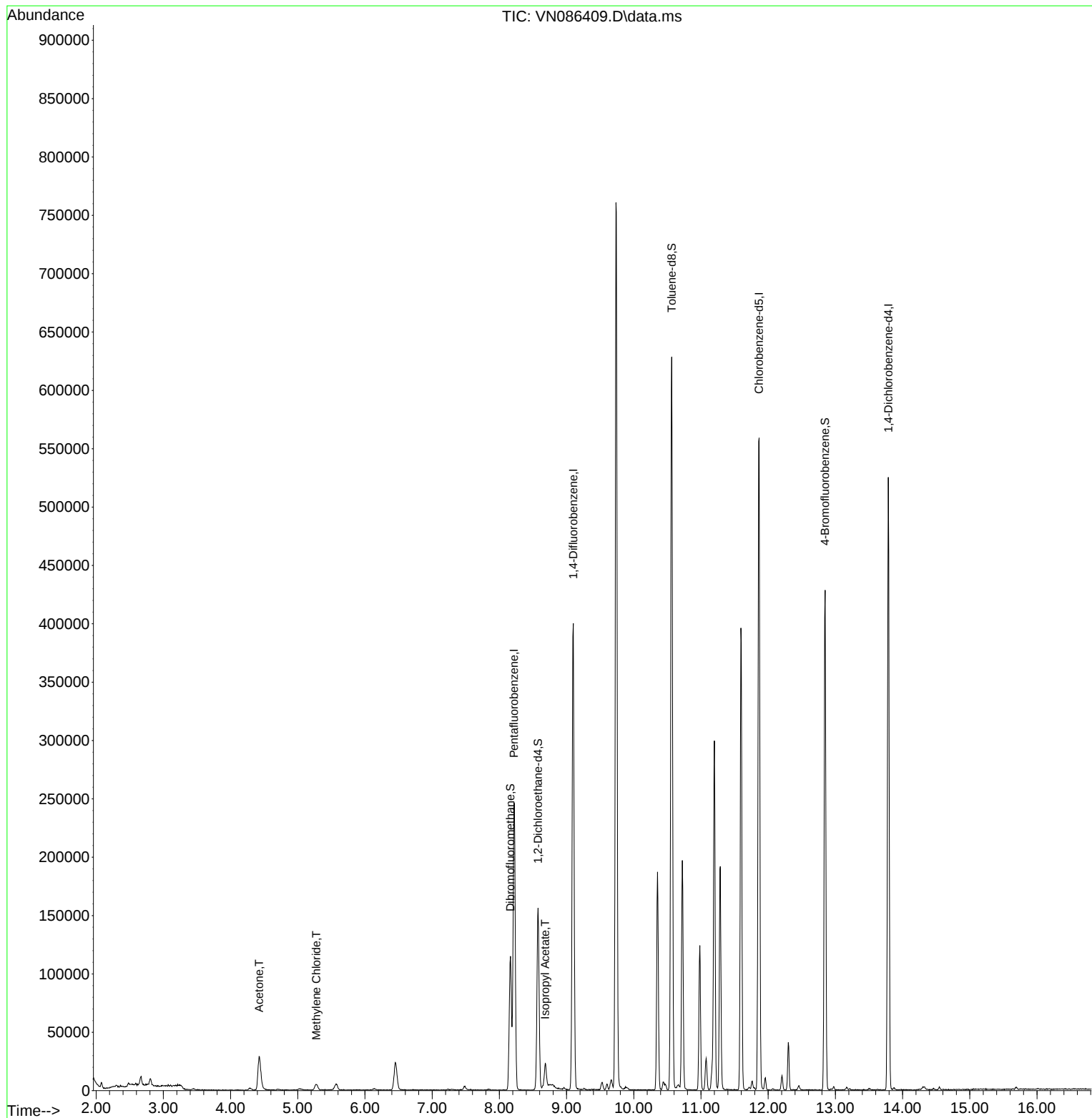
Internal Standards						
1) Pentafluorobenzene	8.218	168	183862	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	350166	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	328437	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	140360	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	129028	48.395	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.780%
35) Dibromofluoromethane	8.165	113	85672	52.716	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.440%
50) Toluene-d8	10.565	98	445830	51.329	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.660%
62) 4-Bromofluorobenzene	12.847	95	155846	49.193	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	98.380%
Target Compounds						
					Qvalue	
16) Acetone	4.424	43	59177	59.856	ug/l	97
20) Methylene Chloride	5.277	84	4182	1.697	ug/l	88
43) Isopropyl Acetate	8.682	43	29607	3.019	ug/l #	85

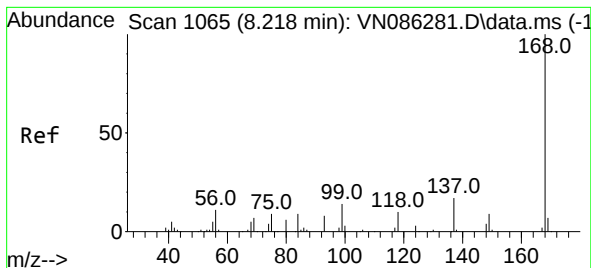
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042825\
Data File : VN086409.D
Acq On : 28 Apr 2025 14:21
Operator : JC\MD
Sample : PB167744ZHE#06
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB167744ZHE#06

Quant Time: Apr 29 01:53:15 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

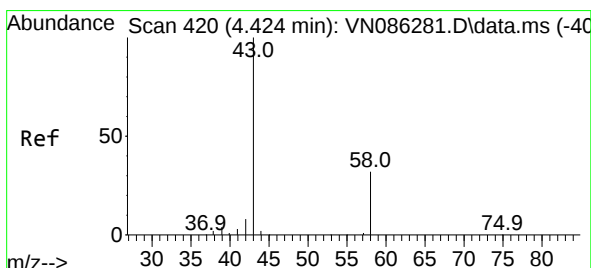
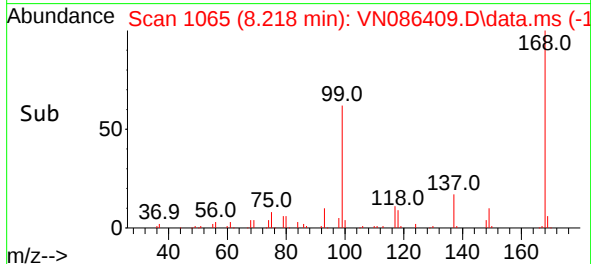
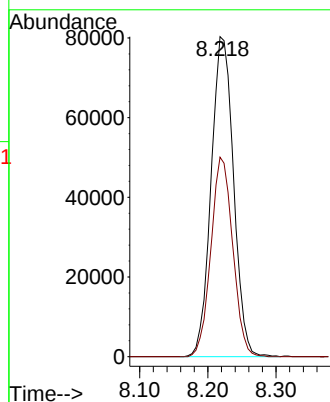
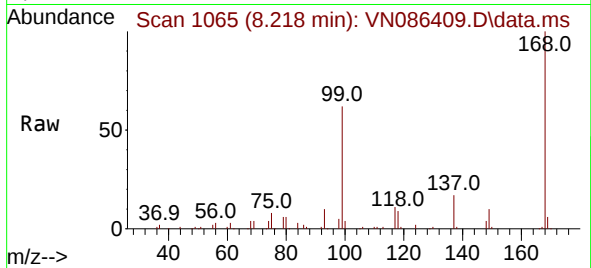




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN086409.D
Acq: 28 Apr 2025 14:21

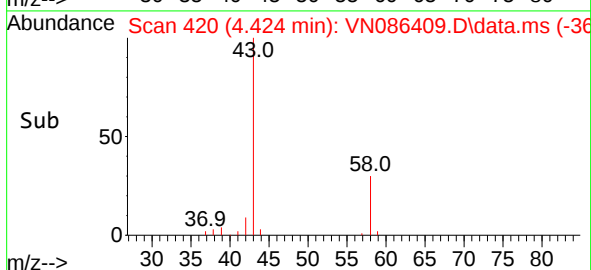
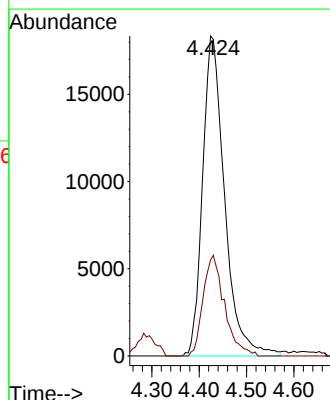
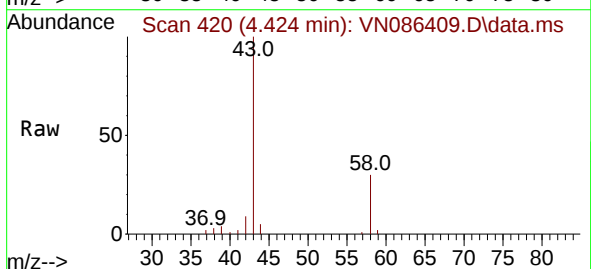
Instrument :
MSVOA_N
ClientSampleId :
PB167744ZHE#06

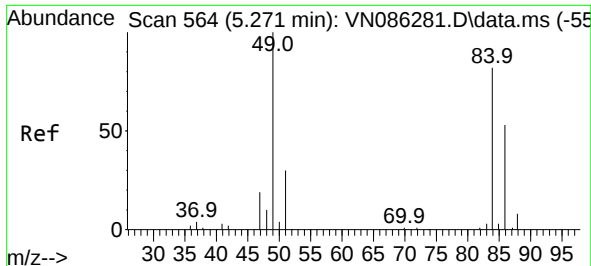
Tgt Ion:168 Resp: 183862
Ion Ratio Lower Upper
168 100
99 62.4 52.5 78.7



#16
Acetone
Concen: 59.856 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN086409.D
Acq: 28 Apr 2025 14:21

Tgt Ion: 43 Resp: 59177
Ion Ratio Lower Upper
43 100
58 30.0 25.3 37.9

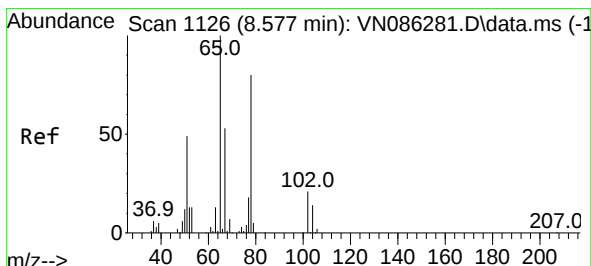
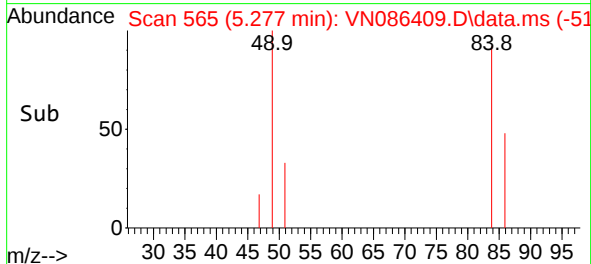
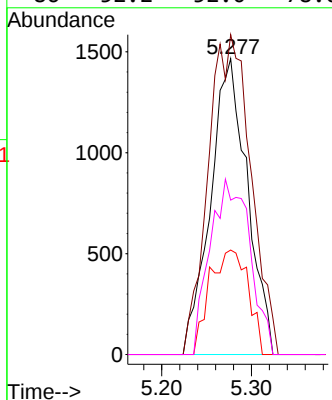
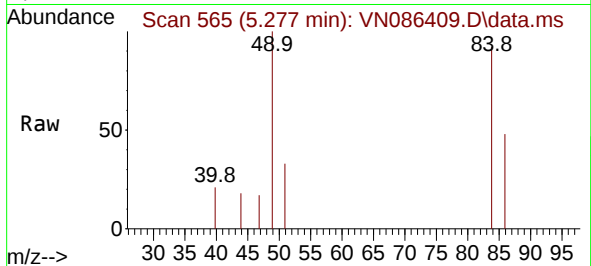




#20
Methylene Chloride
Concen: 1.697 ug/l
RT: 5.277 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN086409.D
Acq: 28 Apr 2025 14:21

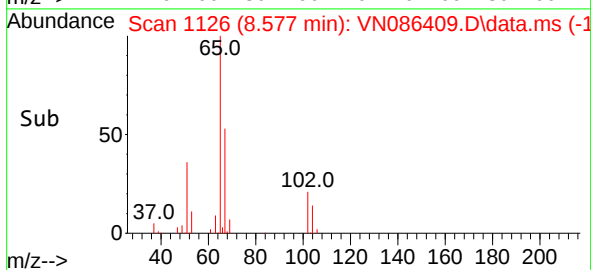
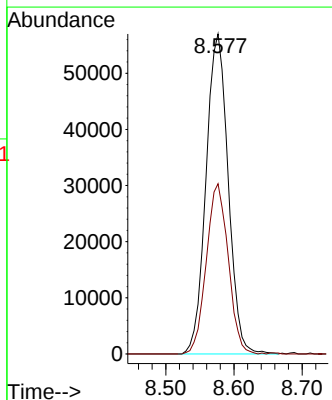
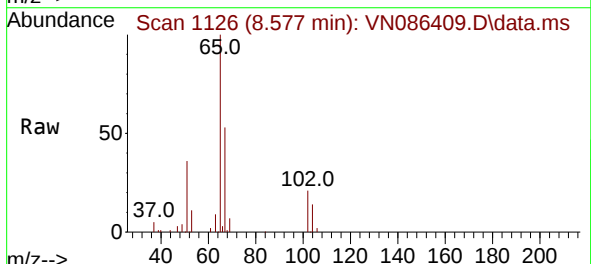
Instrument :
MSVOA_N
ClientSampleId :
PB167744ZHE#06

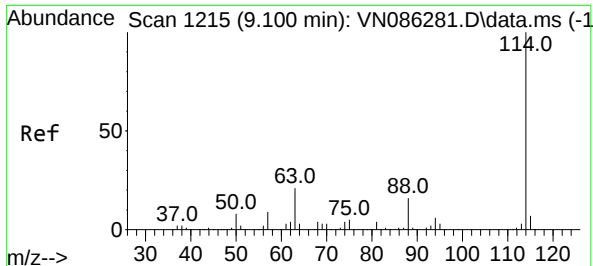
Tgt Ion:	84	Resp:	4182
Ion	Ratio	Lower	Upper
84	100		
49	108.1	98.2	147.2
51	35.3	29.8	44.6
86	52.2	52.0	78.0



#33
1,2-Dichloroethane-d4
Concen: 48.395 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086409.D
Acq: 28 Apr 2025 14:21

Tgt Ion:	65	Resp:	129028
Ion	Ratio	Lower	Upper
65	100		
67	52.4	0.0	106.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN086409.D

Acq: 28 Apr 2025 14:21

Instrument :

MSVOA_N

ClientSampleId :

PB167744ZHE#06

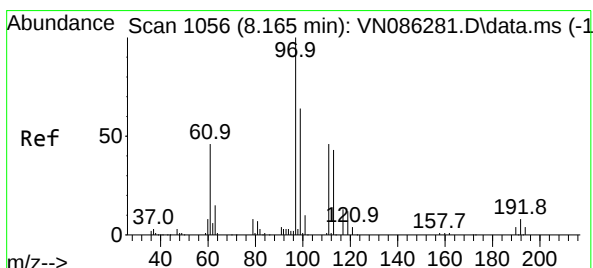
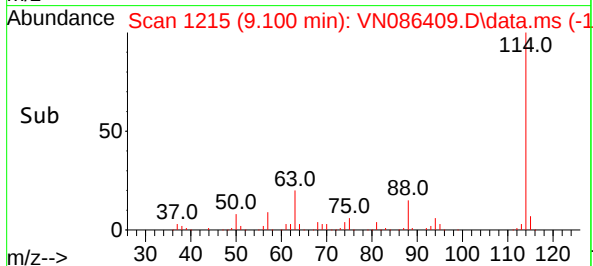
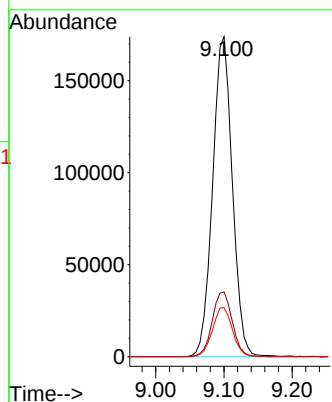
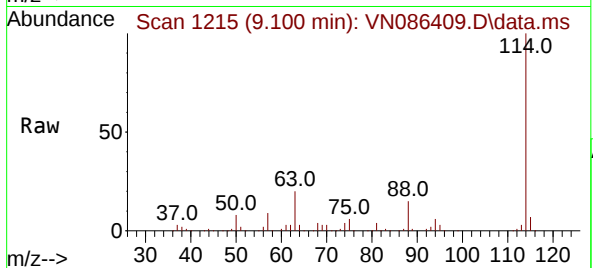
Tgt Ion:114 Resp: 350166

Ion Ratio Lower Upper

114 100

63 20.3 0.0 42.6

88 15.3 0.0 31.8



#35

Dibromofluoromethane

Concen: 52.716 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN086409.D

Acq: 28 Apr 2025 14:21

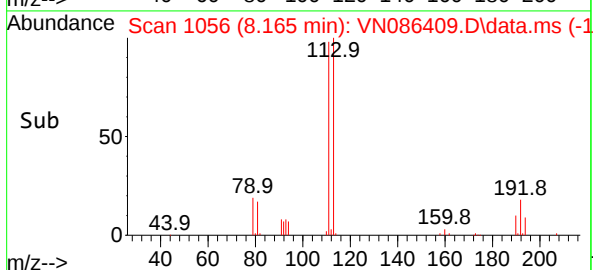
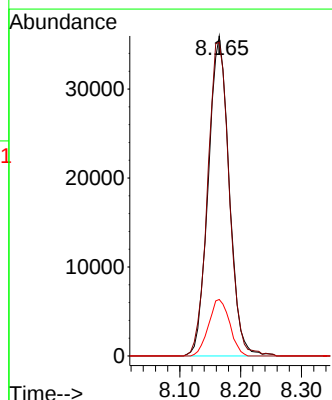
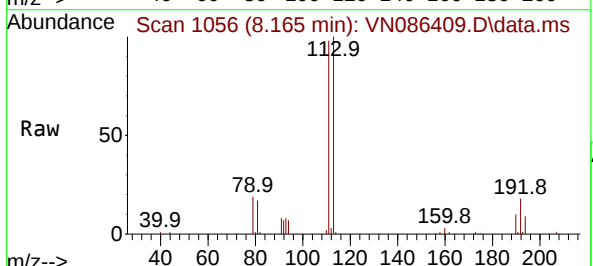
Tgt Ion:113 Resp: 85672

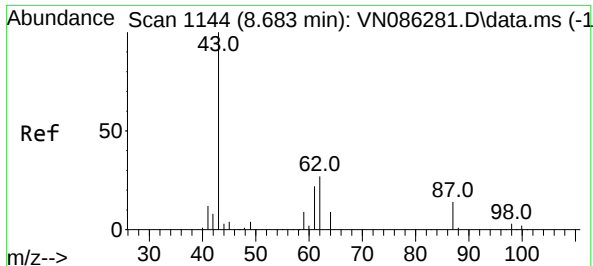
Ion Ratio Lower Upper

113 100

111 101.2 83.4 125.0

192 17.8 13.7 20.5

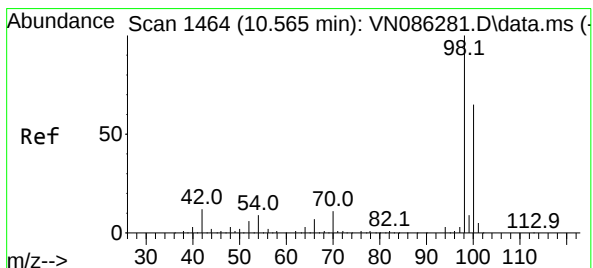
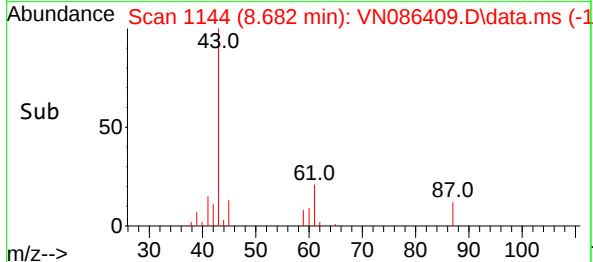
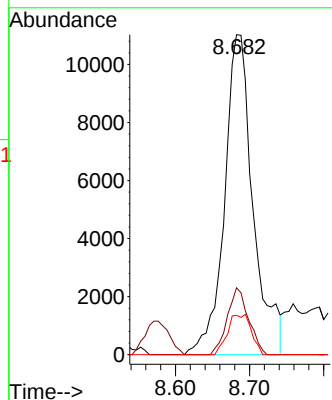
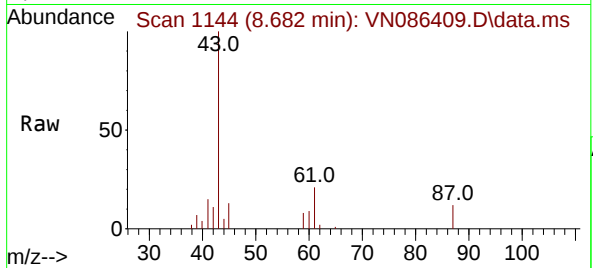




#43
Isopropyl Acetate
Concen: 3.019 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.001 min
Lab File: VN086409.D
Acq: 28 Apr 2025 14:21

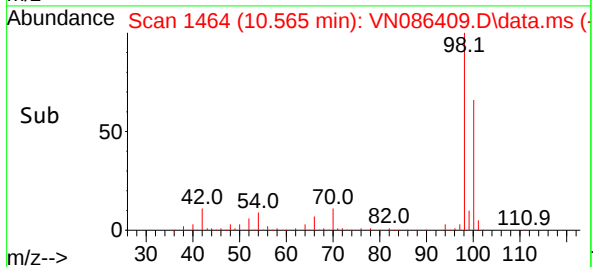
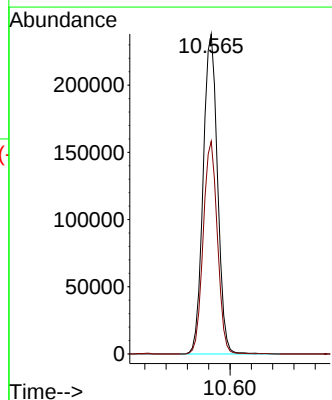
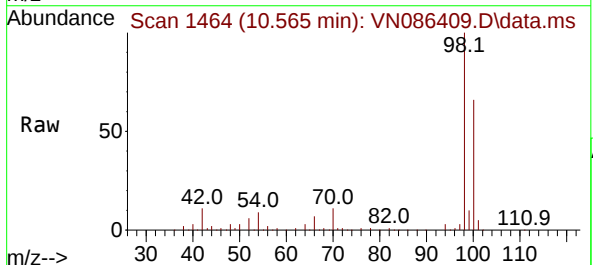
Instrument :
MSVOA_N
ClientSampleId :
PB167744ZHE#06

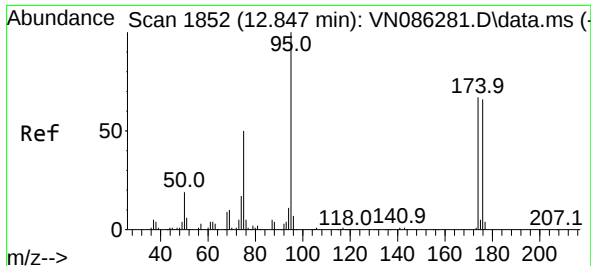
Tgt Ion: 43 Resp: 29607
Ion Ratio Lower Upper
43 100
61 15.5 20.5 30.7#
87 10.3 10.5 15.7#



#50
Toluene-d8
Concen: 51.329 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086409.D
Acq: 28 Apr 2025 14:21

Tgt Ion: 98 Resp: 445830
Ion Ratio Lower Upper
98 100
100 65.6 52.5 78.7

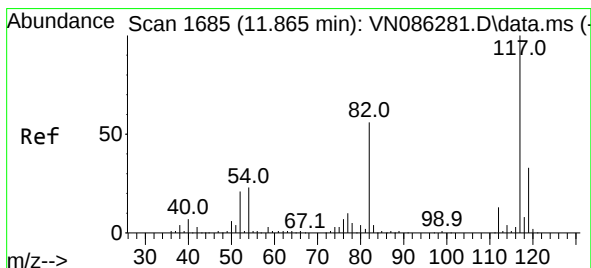
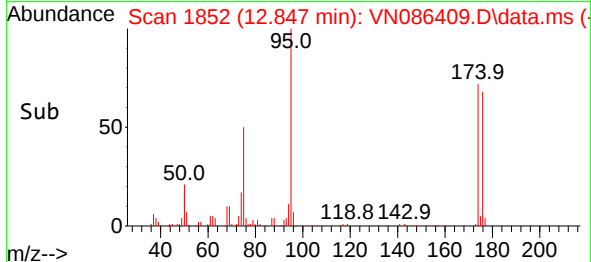
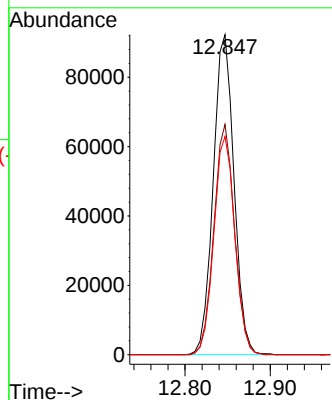
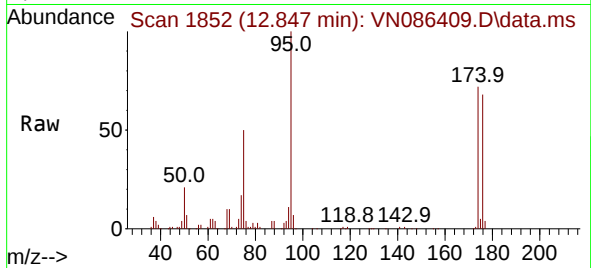




#62
4-Bromofluorobenzene
Concen: 49.193 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086409.D
Acq: 28 Apr 2025 14:21

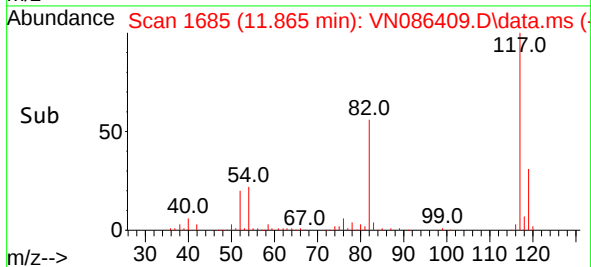
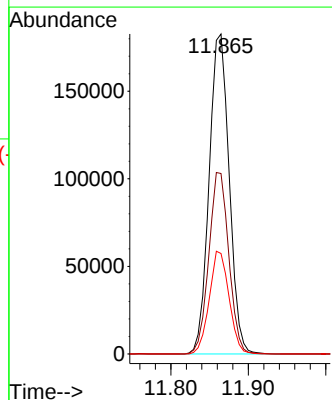
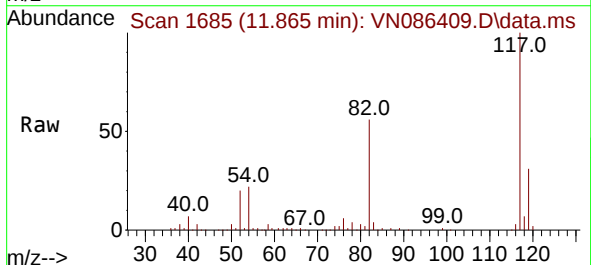
Instrument :
MSVOA_N
ClientSampleId :
PB167744ZHE#06

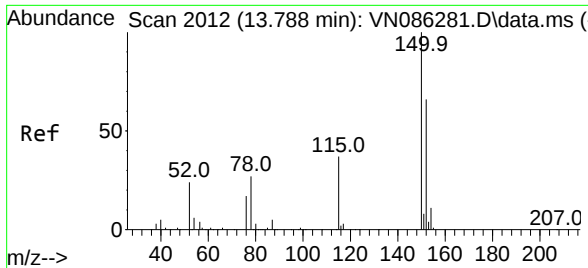
Tgt Ion: 95 Resp: 155846
Ion Ratio Lower Upper
95 100
174 71.7 0.0 133.4
176 68.9 0.0 129.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086409.D
Acq: 28 Apr 2025 14:21

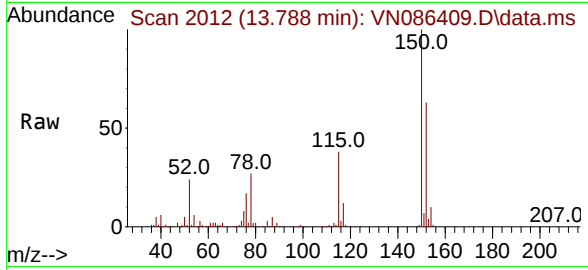
Tgt Ion: 117 Resp: 328437
Ion Ratio Lower Upper
117 100
82 56.4 44.7 67.1
119 31.4 26.4 39.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN086409.D
 Acq: 28 Apr 2025 14:21

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167744ZHE#06



Tgt Ion:152 Resp: 140360

Ion	Ratio	Lower	Upper
152	100		
115	61.6	31.9	95.9
150	159.0	0.0	352.0

