

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051525\
 Data File : VN086654.D
 Acq On : 15 May 2025 18:49
 Operator : JC\MD
 Sample : PB167995ZHE#16
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167995ZHE#16

Quant Time: May 16 05:32:45 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)

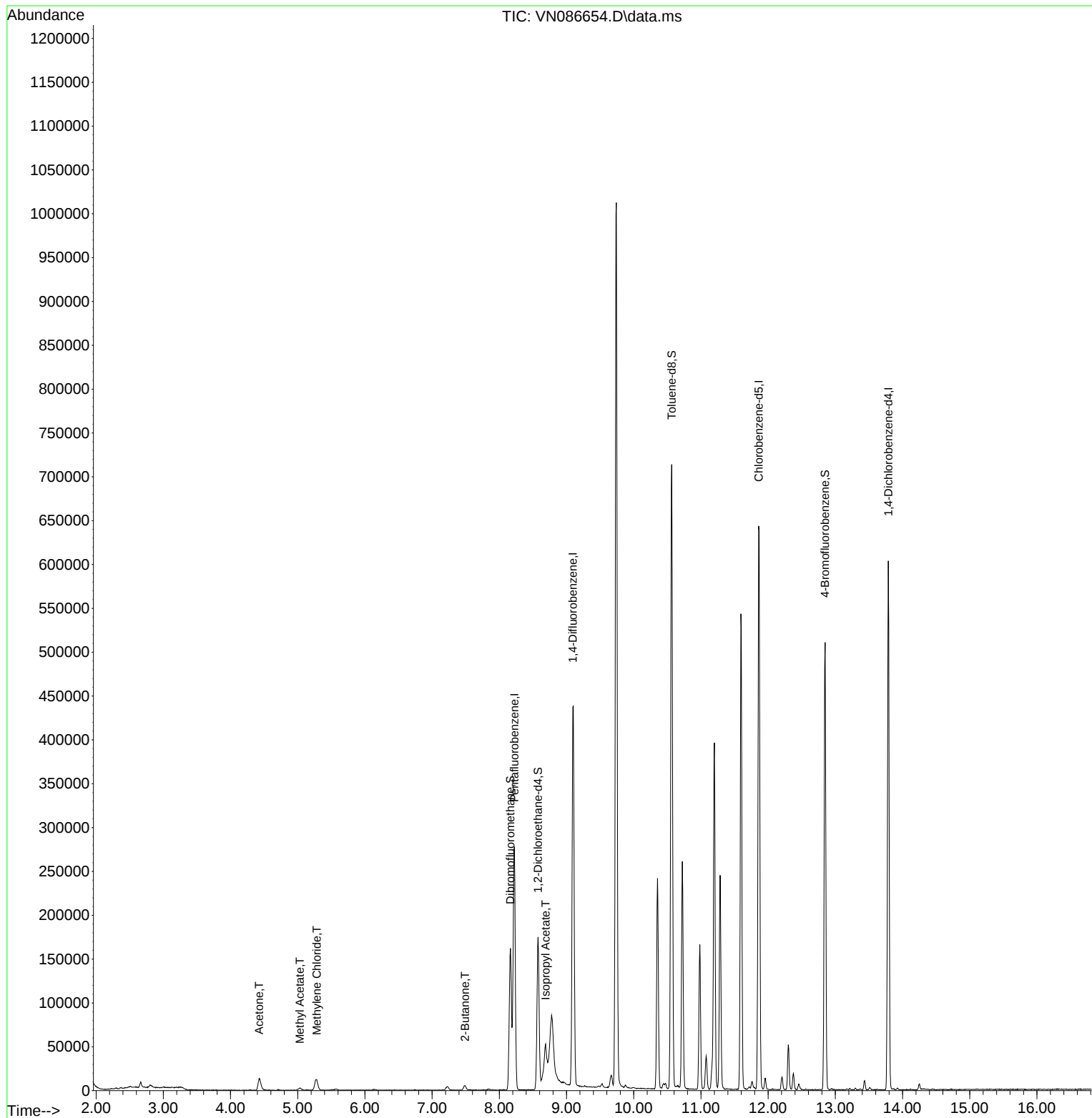
Internal Standards						
1) Pentafluorobenzene	8.224	168	213046	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	400733	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	393199	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	165479	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	143675	46.506	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.020%
35) Dibromofluoromethane	8.165	113	121203	65.168	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	130.340%#
50) Toluene-d8	10.565	98	513427	51.653	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.300%
62) 4-Bromofluorobenzene	12.847	95	192425	53.075	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	106.160%
Target Compounds						
					Qvalue	
16) Acetone	4.424	43	26640	19.684	ug/l	99
18) Methyl Acetate	5.030	43	5128	1.383	ug/l	98
20) Methylene Chloride	5.283	84	10806	3.784	ug/l	85
25) 2-Butanone	7.489	43	9830	5.112	ug/l	98
43) Isopropyl Acetate	8.689	43	72418	8.613	ug/l #	73

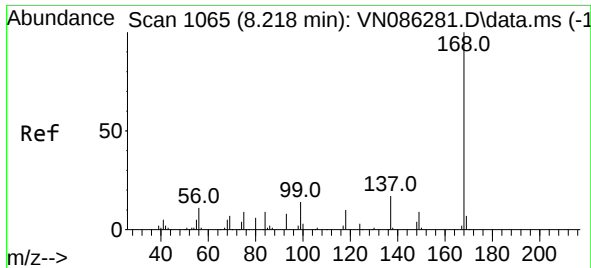
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051525\
Data File : VN086654.D
Acq On : 15 May 2025 18:49
Operator : JC\MD
Sample : PB167995ZHE#16
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB167995ZHE#16

Quant Time: May 16 05:32:45 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

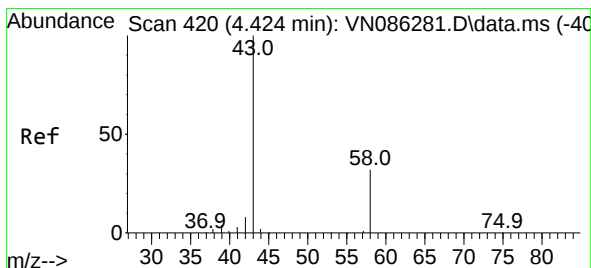
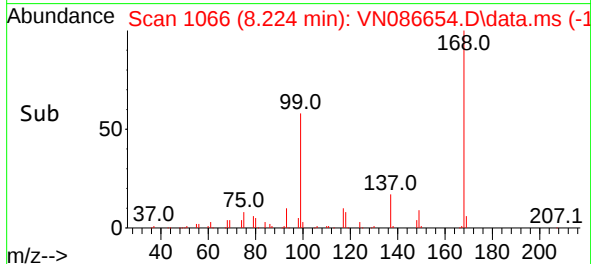
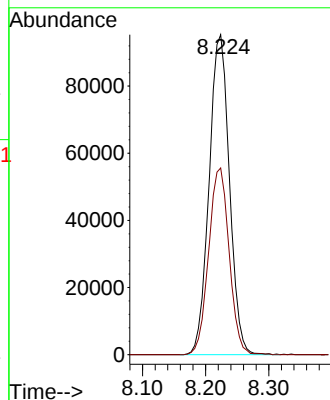
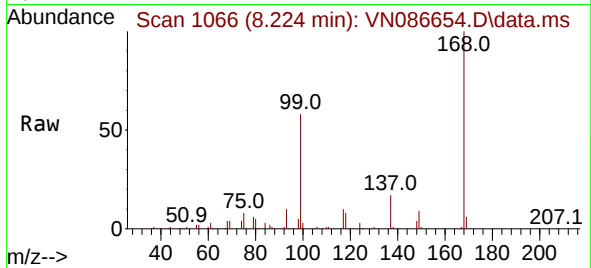




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN086654.D
Acq: 15 May 2025 18:49

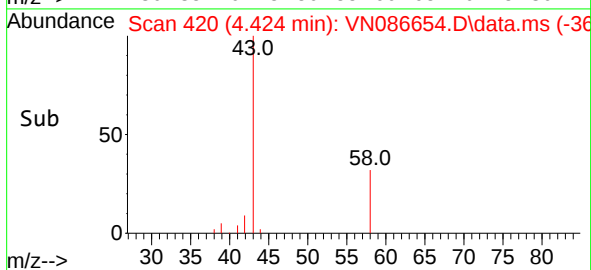
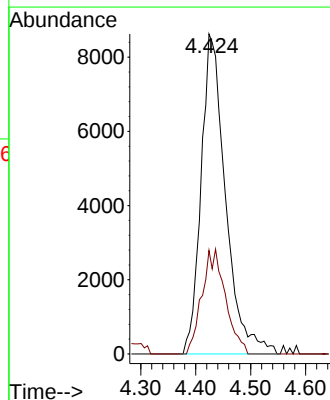
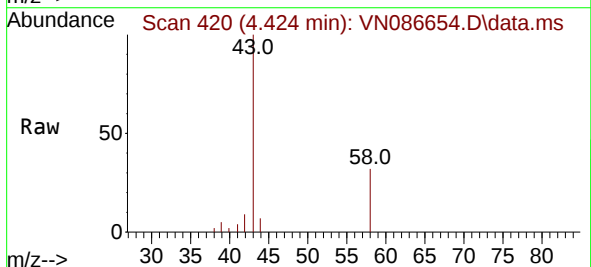
Instrument :
MSVOA_N
ClientSampleId :
PB167995ZHE#16

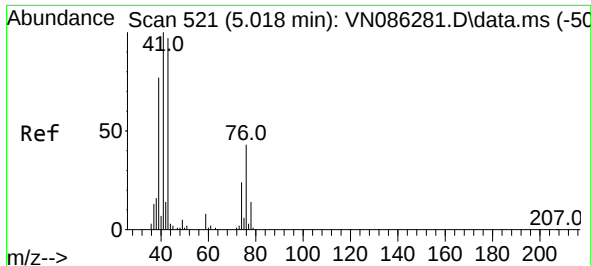
Tgt Ion:168 Resp: 213046
Ion Ratio Lower Upper
168 100
99 58.4 52.5 78.7



#16
Acetone
Concen: 19.684 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN086654.D
Acq: 15 May 2025 18:49

Tgt Ion: 43 Resp: 26640
Ion Ratio Lower Upper
43 100
58 32.3 25.3 37.9

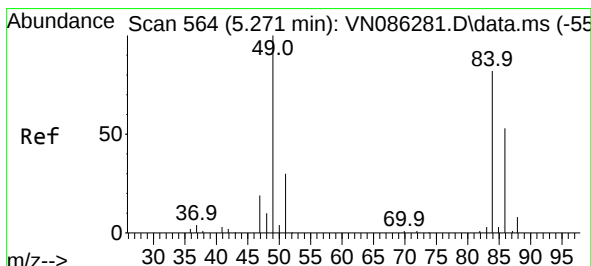
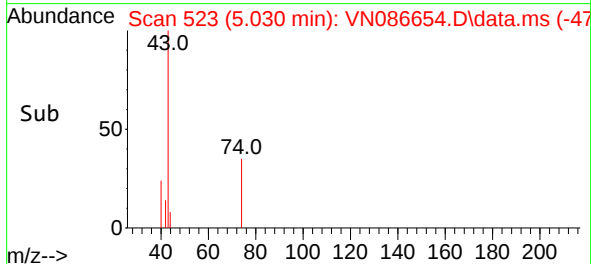
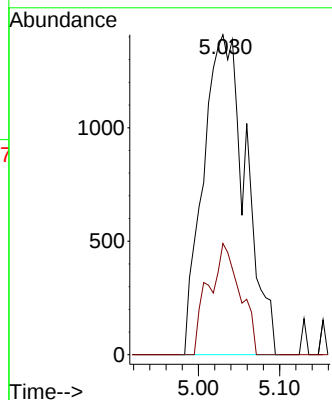
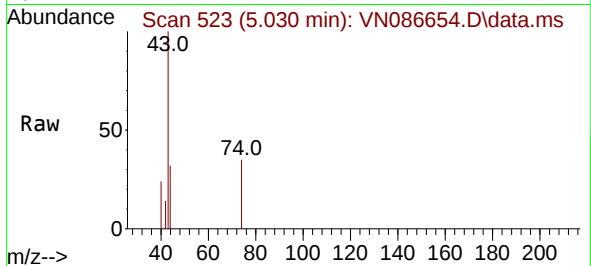




#18
Methyl Acetate
Concen: 1.383 ug/l
RT: 5.030 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN086654.D
Acq: 15 May 2025 18:49

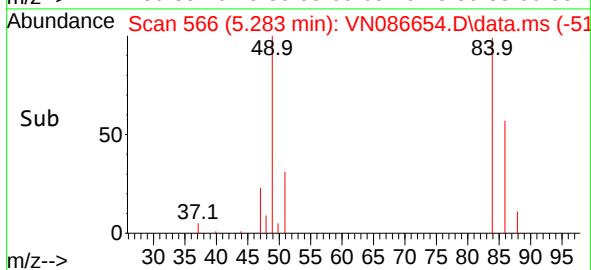
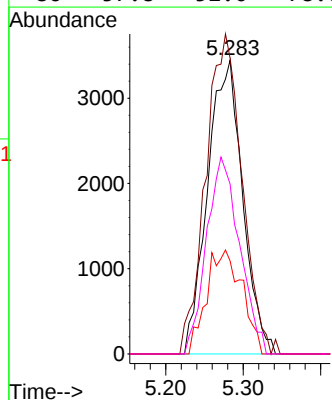
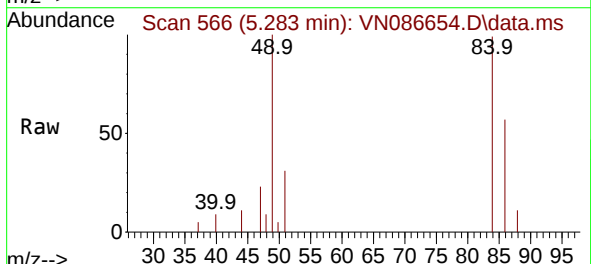
Instrument :
MSVOA_N
ClientSampleId :
PB167995ZHE#16

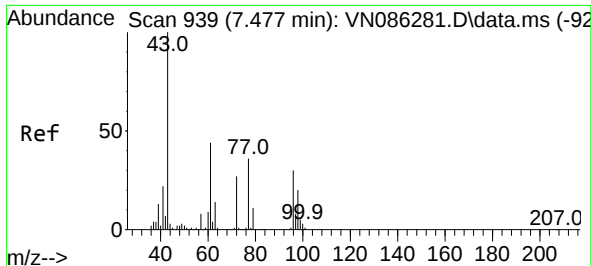
Tgt Ion: 43 Resp: 5128
Ion Ratio Lower Upper
43 100
74 25.8 19.8 29.6



#20
Methylene Chloride
Concen: 3.784 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.012 min
Lab File: VN086654.D
Acq: 15 May 2025 18:49

Tgt Ion: 84 Resp: 10806
Ion Ratio Lower Upper
84 100
49 100.7 98.2 147.2
51 31.6 29.8 44.6
86 57.8 52.0 78.0

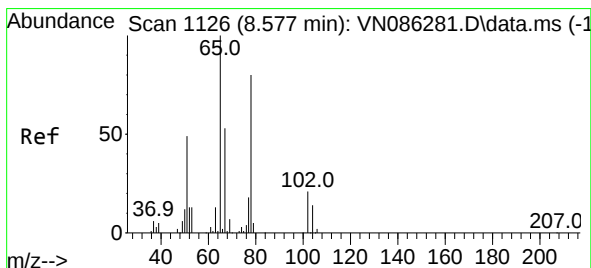
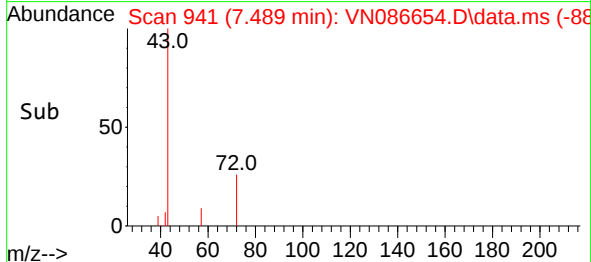
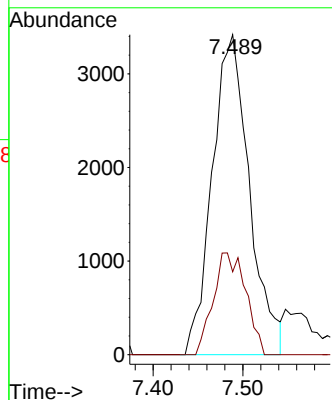
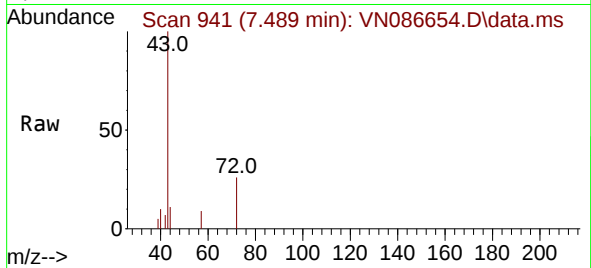




#25
2-Butanone
Concen: 5.112 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.012 min
Lab File: VN086654.D
Acq: 15 May 2025 18:49

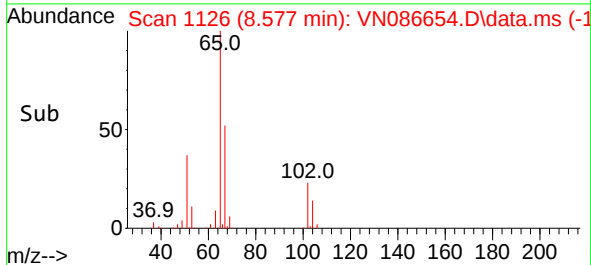
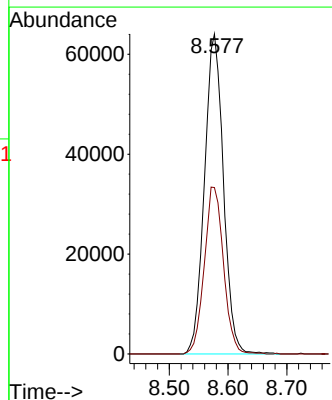
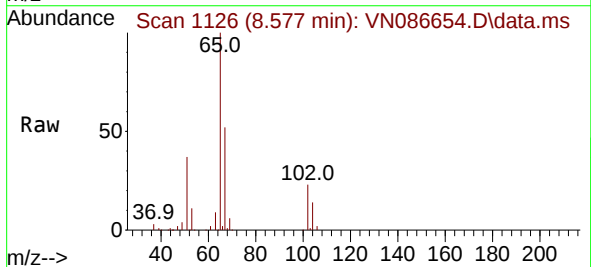
Instrument :
MSVOA_N
ClientSampleId :
PB167995ZHE#16

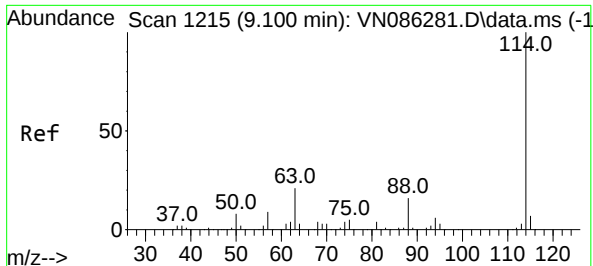
Tgt Ion: 43 Resp: 9830
Ion Ratio Lower Upper
43 100
72 25.9 21.7 32.5



#33
1,2-Dichloroethane-d4
Concen: 46.506 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN086654.D
Acq: 15 May 2025 18:49

Tgt Ion: 65 Resp: 143675
Ion Ratio Lower Upper
65 100
67 52.8 0.0 106.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.094 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN086654.D

Acq: 15 May 2025 18:49

Instrument :

MSVOA_N

ClientSampleId :

PB167995ZHE#16

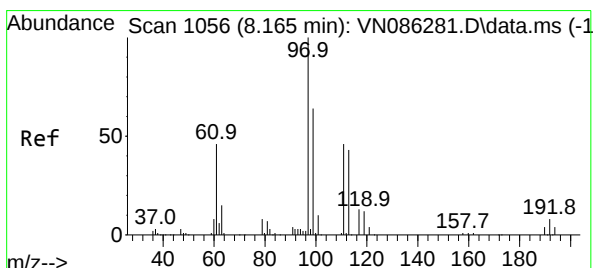
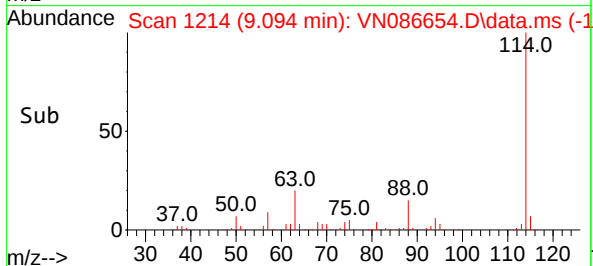
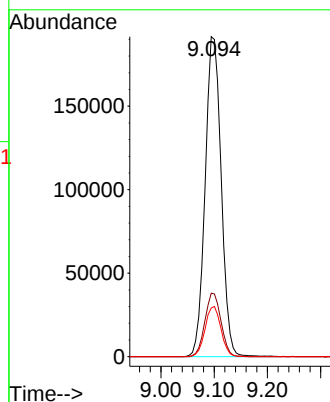
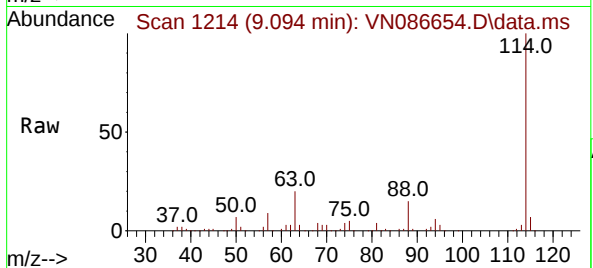
Tgt Ion:114 Resp: 400733

Ion Ratio Lower Upper

114 100

63 19.8 0.0 42.6

88 15.2 0.0 31.8



#35

Dibromofluoromethane

Concen: 65.168 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN086654.D

Acq: 15 May 2025 18:49

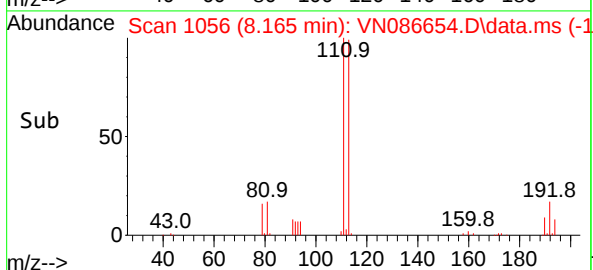
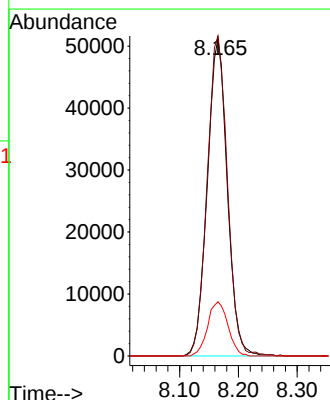
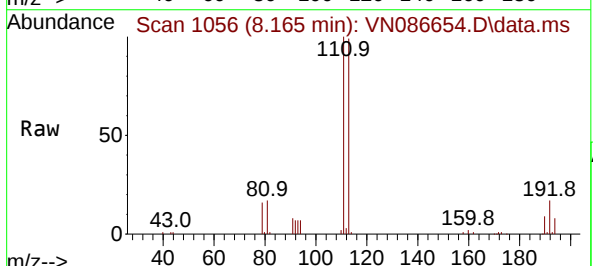
Tgt Ion:113 Resp: 121203

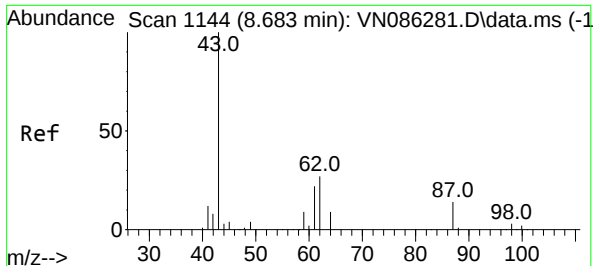
Ion Ratio Lower Upper

113 100

111 101.7 83.4 125.0

192 17.4 13.7 20.5





#43

Isopropyl Acetate

Concen: 8.613 ug/l

RT: 8.689 min Scan# 1145

Delta R.T. 0.006 min

Lab File: VN086654.D

Acq: 15 May 2025 18:49

Instrument :

MSVOA_N

ClientSampleId :

PB167995ZHE#16

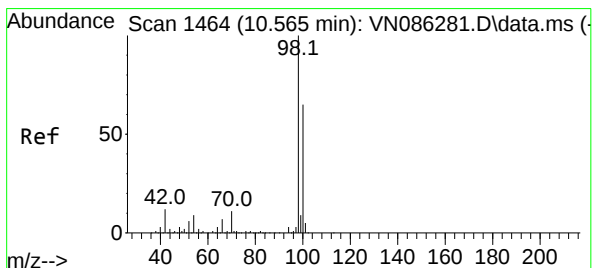
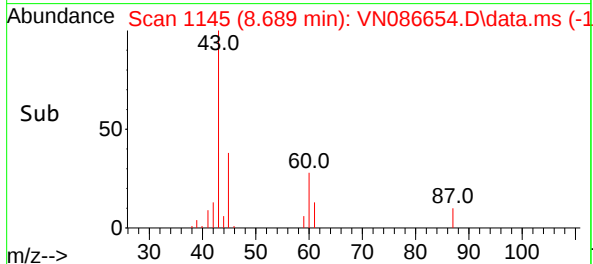
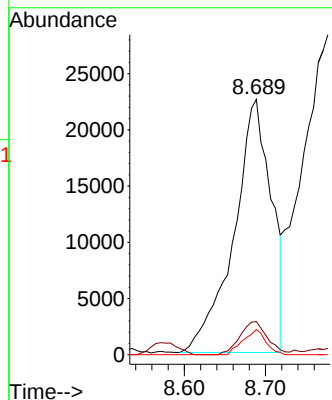
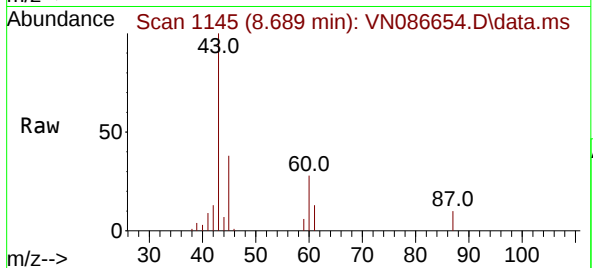
Tgt Ion: 43 Resp: 72418

Ion Ratio Lower Upper

43 100

61 9.7 20.5 30.7#

87 6.0 10.5 15.7#



#50

Toluene-d8

Concen: 51.653 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN086654.D

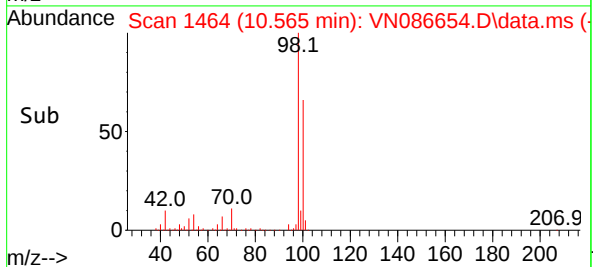
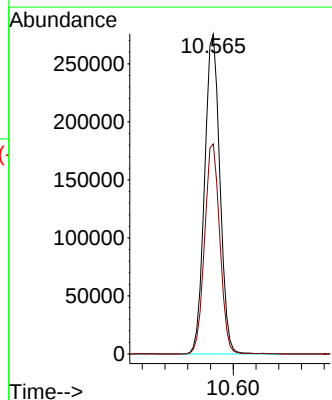
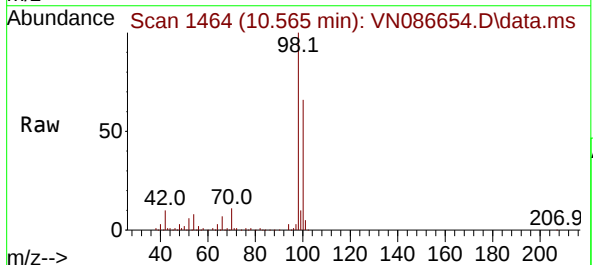
Acq: 15 May 2025 18:49

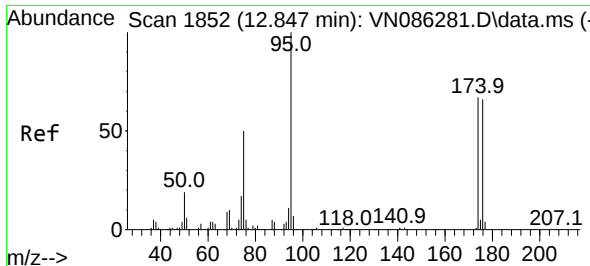
Tgt Ion: 98 Resp: 513427

Ion Ratio Lower Upper

98 100

100 65.6 52.5 78.7

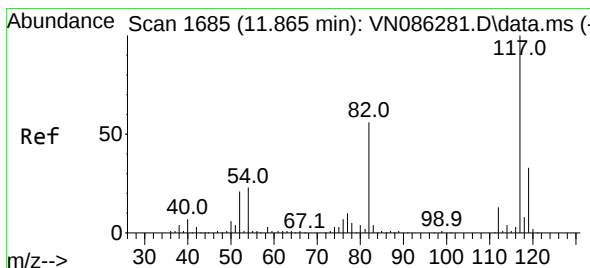
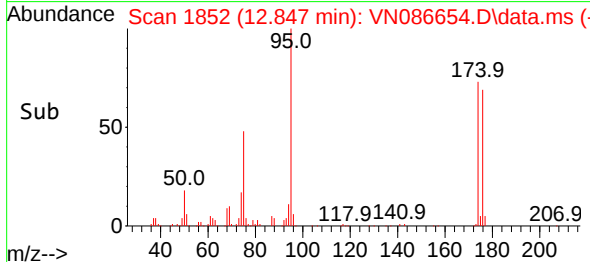
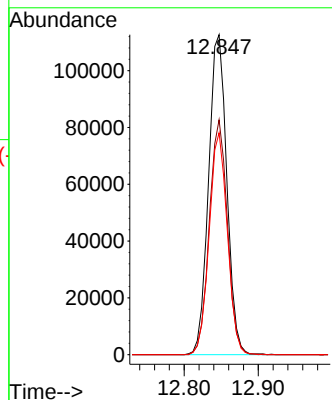
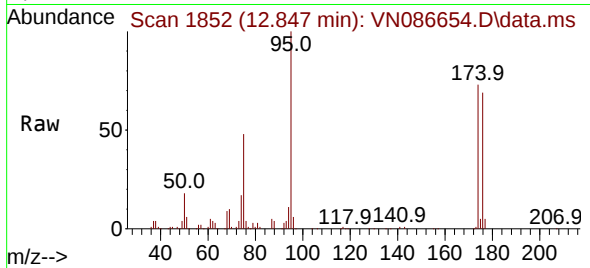




#62
4-Bromofluorobenzene
Concen: 53.075 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086654.D
Acq: 15 May 2025 18:49

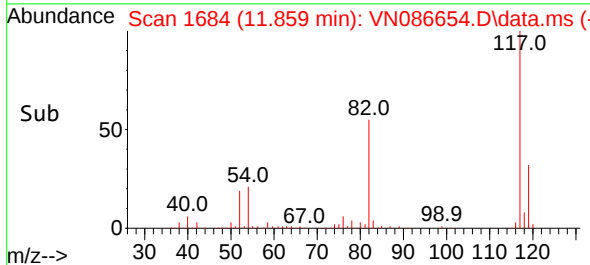
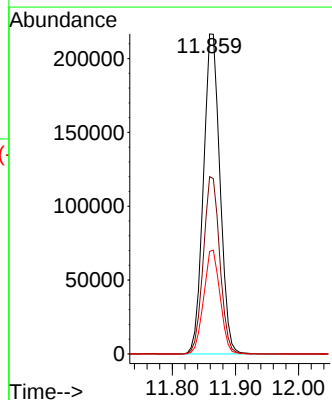
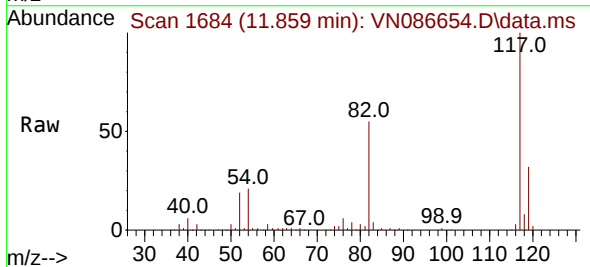
Instrument :
MSVOA_N
ClientSampleId :
PB167995ZHE#16

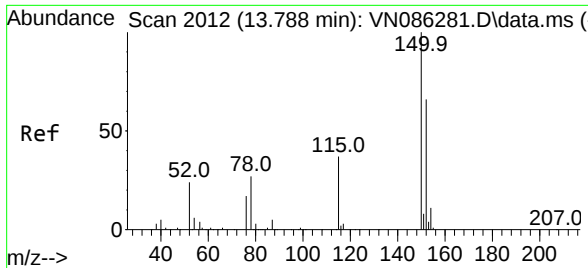
Tgt Ion: 95 Resp: 192425
Ion Ratio Lower Upper
95 100
174 72.9 0.0 133.4
176 69.0 0.0 129.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.859 min Scan# 1684
Delta R.T. -0.006 min
Lab File: VN086654.D
Acq: 15 May 2025 18:49

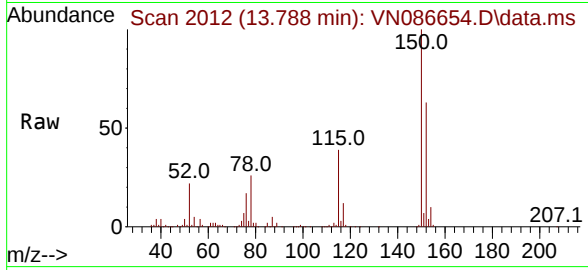
Tgt Ion: 117 Resp: 393199
Ion Ratio Lower Upper
117 100
82 55.4 44.7 67.1
119 32.0 26.4 39.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN086654.D
 Acq: 15 May 2025 18:49

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167995ZHE#16



Tgt Ion:152 Resp: 165479

Ion	Ratio	Lower	Upper
152	100		
115	61.5	31.9	95.9
150	158.6	0.0	352.0

