

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050825\
 Data File : VN086549.D
 Acq On : 08 May 2025 16:37
 Operator : JC\MD
 Sample : PB167895ZHE#07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167895ZHE#07

Quant Time: May 09 01:54:37 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)

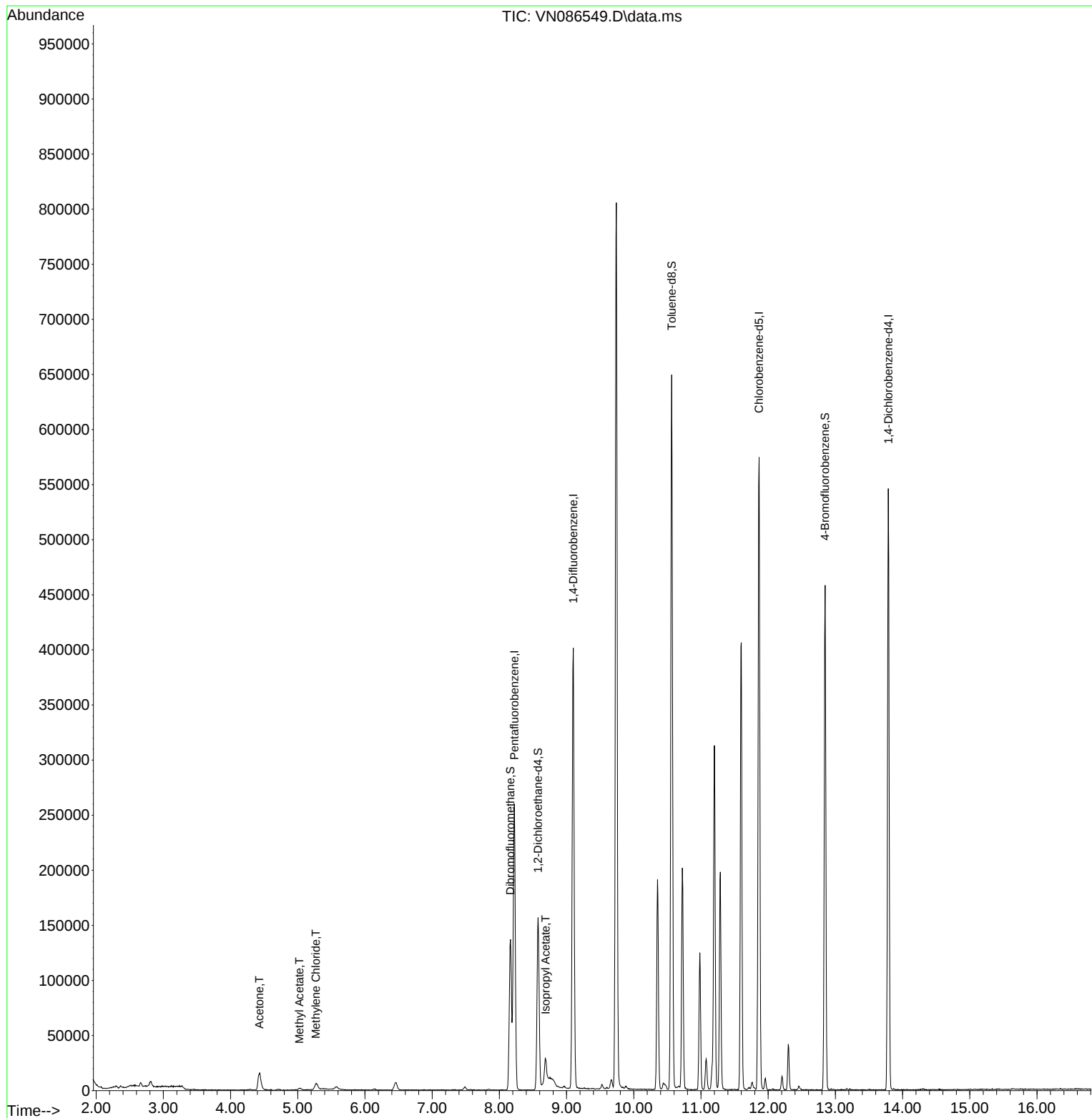
Internal Standards						
1) Pentafluorobenzene	8.224	168	193765	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	357491	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	343484	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	148134	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	130518	46.452	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.900%
35) Dibromofluoromethane	8.165	113	101245	61.022	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	122.040%
50) Toluene-d8	10.565	98	450365	50.789	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.580%
62) 4-Bromofluorobenzene	12.847	95	163743	50.627	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	101.260%
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	32065	27.938	ug/l	95
18) Methyl Acetate	5.024	43	3457	1.025	ug/l #	89
20) Methylene Chloride	5.271	84	4808	1.851	ug/l #	86
43) Isopropyl Acetate	8.688	43	40492	4.686	ug/l #	78

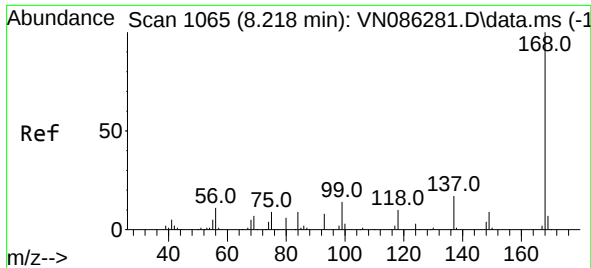
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050825\
Data File : VN086549.D
Acq On : 08 May 2025 16:37
Operator : JC\MD
Sample : PB167895ZHE#07
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB167895ZHE#07

Quant Time: May 09 01:54:37 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

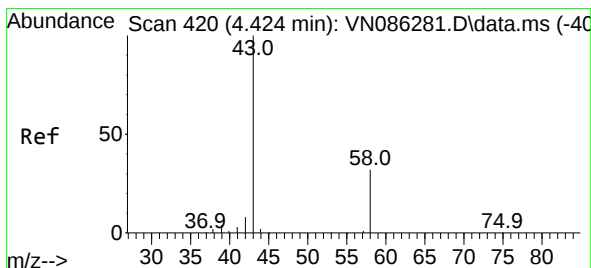
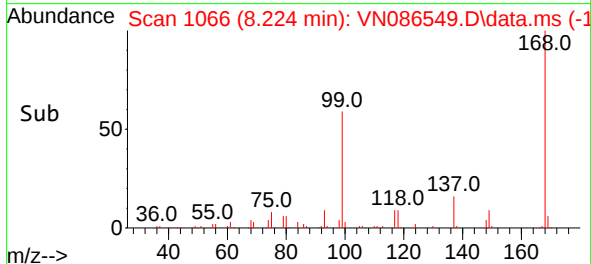
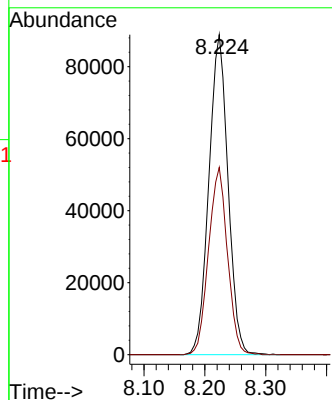
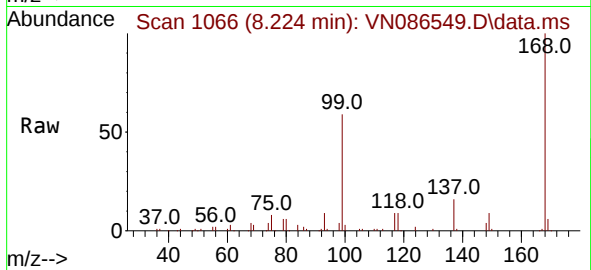




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN086549.D
Acq: 08 May 2025 16:37

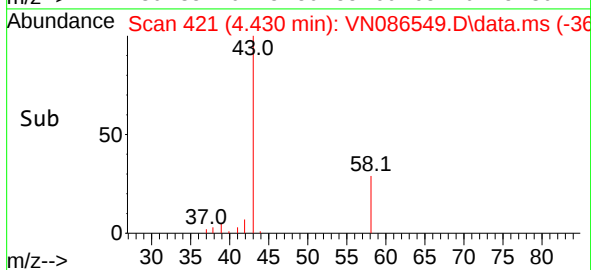
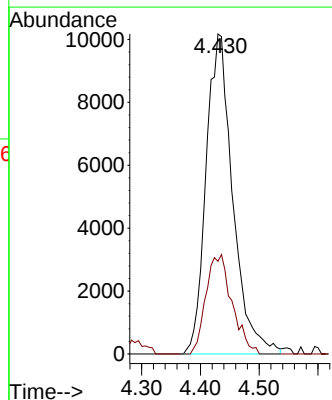
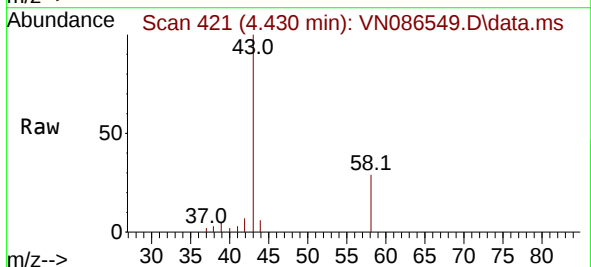
Instrument :
MSVOA_N
ClientSampleId :
PB167895ZHE#07

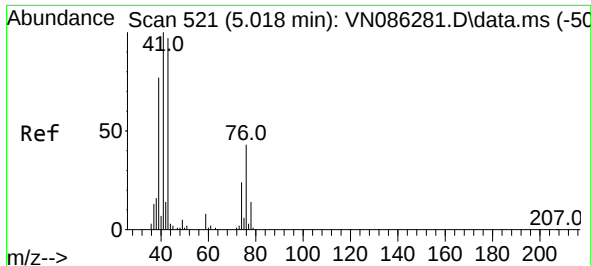
Tgt Ion:168 Resp: 193765
Ion Ratio Lower Upper
168 100
99 58.5 52.5 78.7



#16
Acetone
Concen: 27.938 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN086549.D
Acq: 08 May 2025 16:37

Tgt Ion: 43 Resp: 32065
Ion Ratio Lower Upper
43 100
58 29.0 25.3 37.9

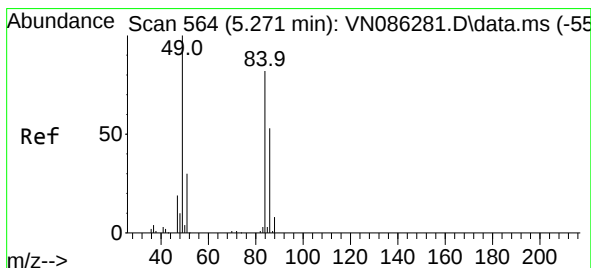
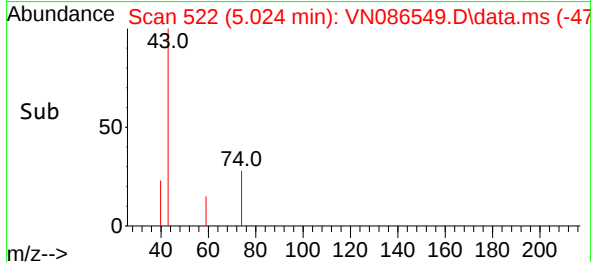
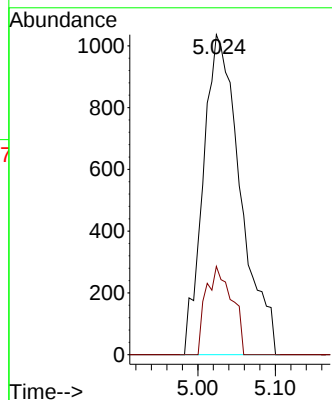
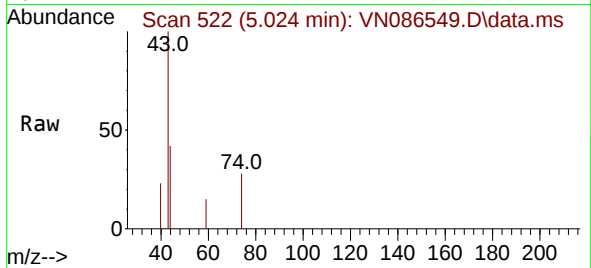




#18
Methyl Acetate
Concen: 1.025 ug/l
RT: 5.024 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN086549.D
Acq: 08 May 2025 16:37

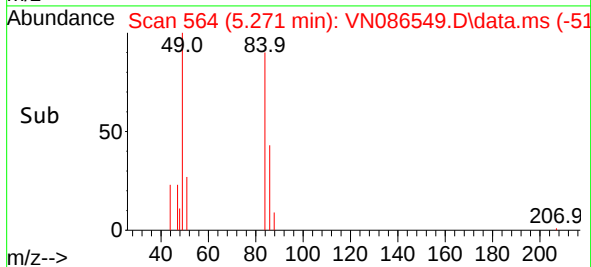
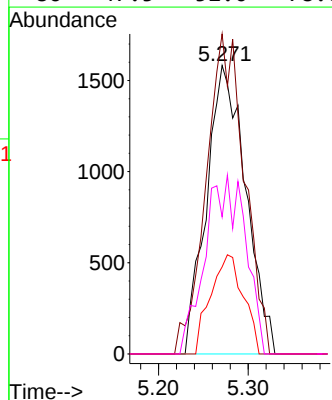
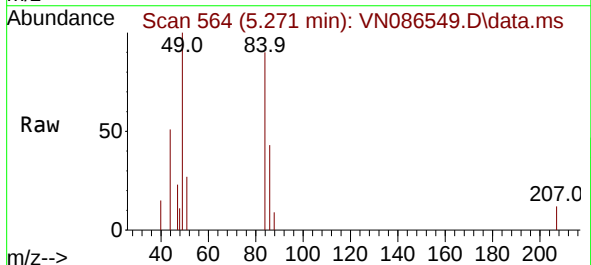
Instrument :
MSVOA_N
ClientSampleId :
PB167895ZHE#07

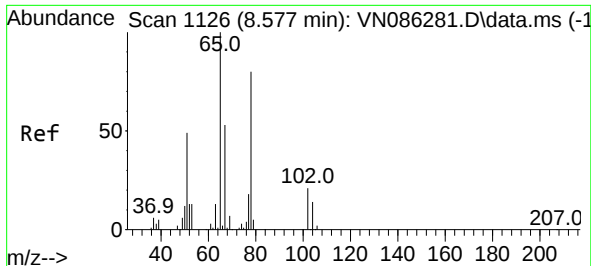
Tgt Ion: 43 Resp: 3457
Ion Ratio Lower Upper
43 100
74 19.2 19.8 29.6#



#20
Methylene Chloride
Concen: 1.851 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.000 min
Lab File: VN086549.D
Acq: 08 May 2025 16:37

Tgt Ion: 84 Resp: 4808
Ion Ratio Lower Upper
84 100
49 110.9 98.2 147.2
51 30.2 29.8 44.6
86 47.5 52.0 78.0#





#33

1,2-Dichloroethane-d4

Concen: 46.452 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086549.D

Acq: 08 May 2025 16:37

Instrument :

MSVOA_N

ClientSampleId :

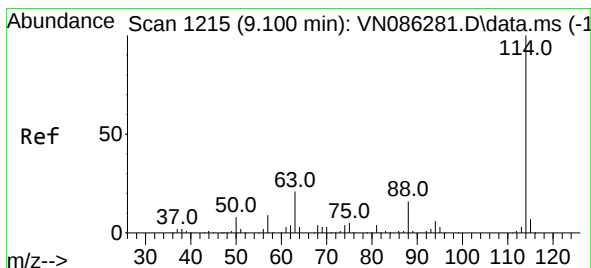
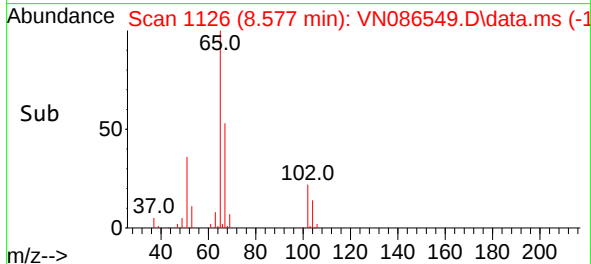
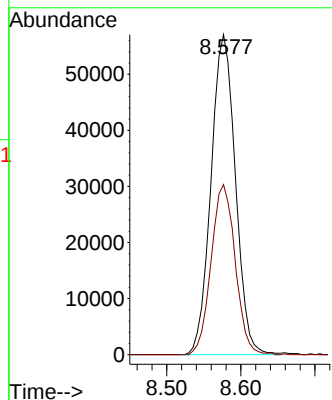
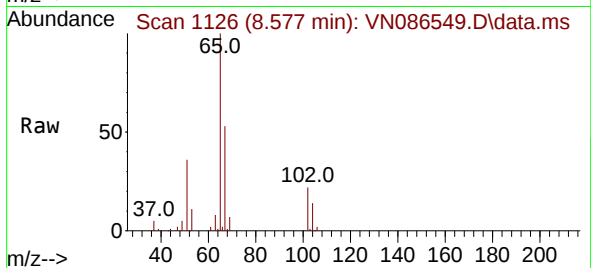
PB167895ZHE#07

Tgt Ion: 65 Resp: 130518

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# 1215

Delta R.T. -0.000 min

Lab File: VN086549.D

Acq: 08 May 2025 16:37

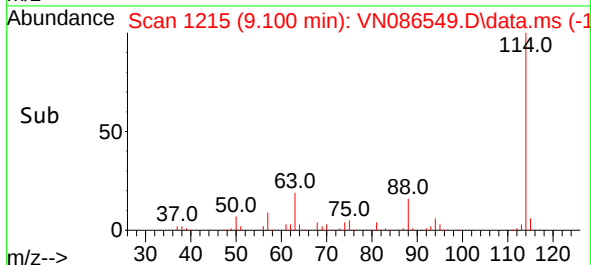
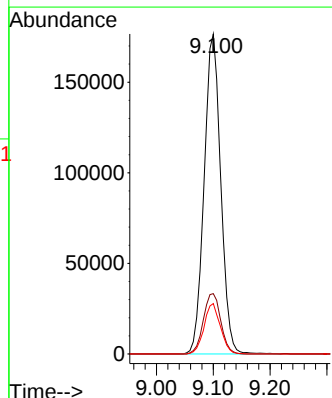
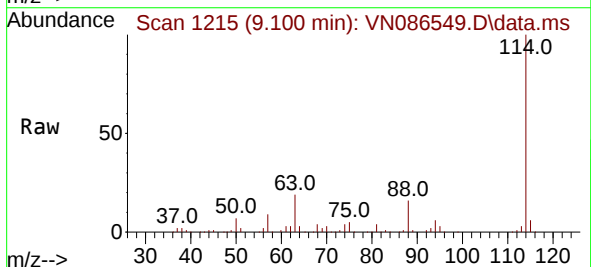
Tgt Ion: 114 Resp: 357491

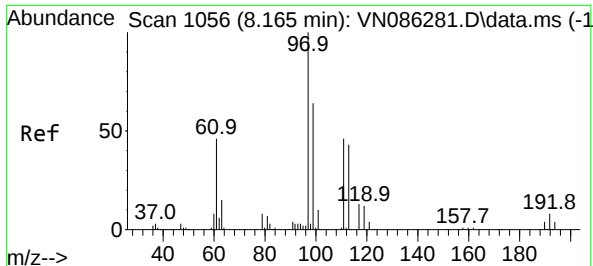
Ion Ratio Lower Upper

114 100

63 18.9 0.0 42.6

88 15.8 0.0 31.8





#35

Dibromofluoromethane

Concen: 61.022 ug/l

RT: 8.165 min Scan# 110

Delta R.T. -0.000 min

Lab File: VN086549.D

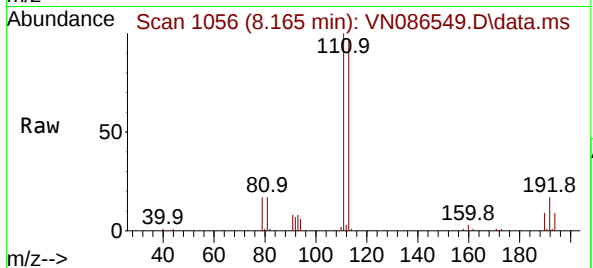
Acq: 08 May 2025 16:37

Instrument :

MSVOA_N

ClientSampleId :

PB167895ZHE#07



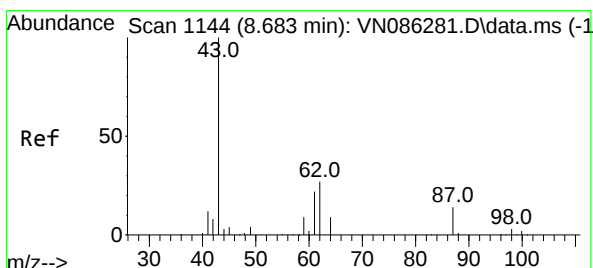
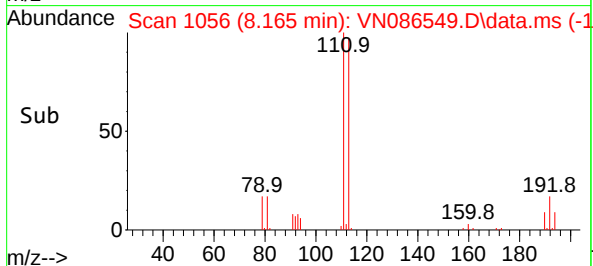
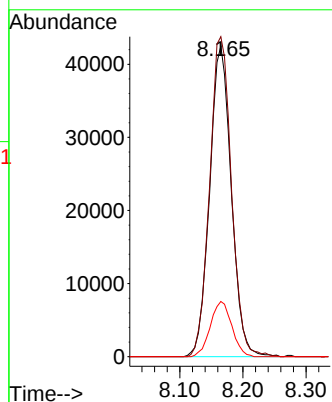
Tgt Ion:113 Resp: 101245

Ion Ratio Lower Upper

113 100

111 103.9 83.4 125.0

192 17.6 13.7 20.5



#43

Isopropyl Acetate

Concen: 4.686 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.005 min

Lab File: VN086549.D

Acq: 08 May 2025 16:37

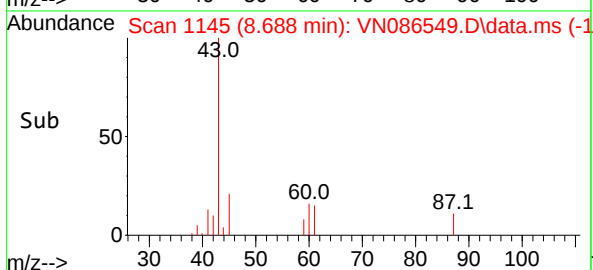
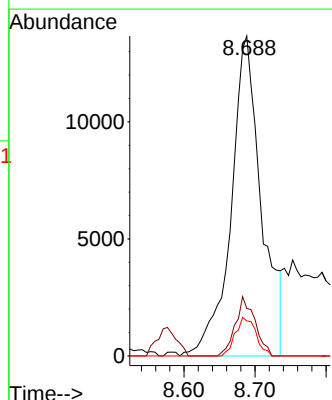
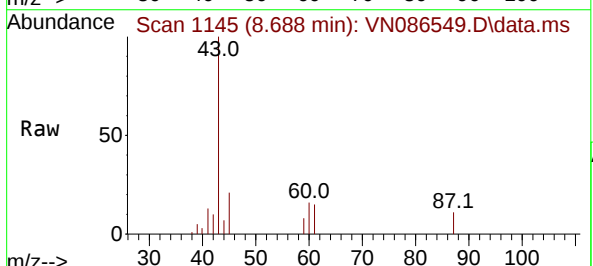
Tgt Ion: 43 Resp: 40492

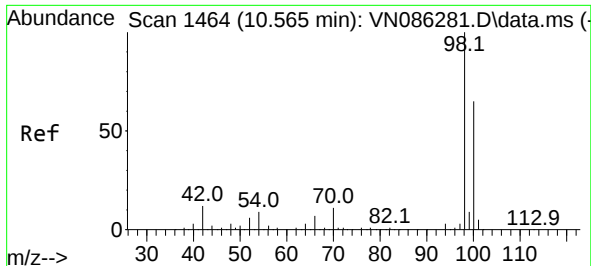
Ion Ratio Lower Upper

43 100

61 12.1 20.5 30.7#

87 8.1 10.5 15.7#

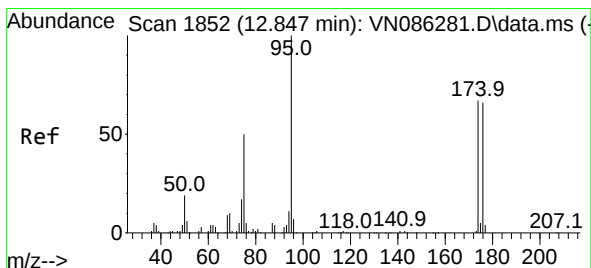
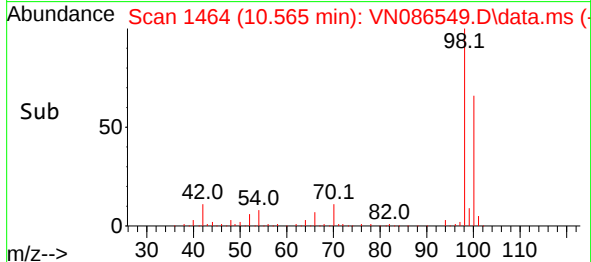
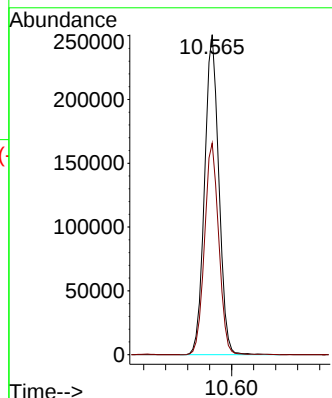
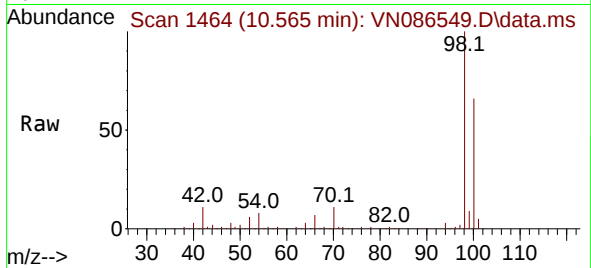




#50
Toluene-d8
Concen: 50.789 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086549.D
Acq: 08 May 2025 16:37

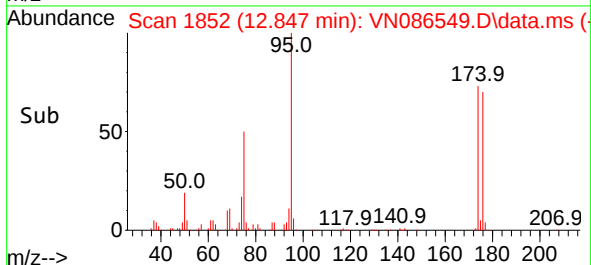
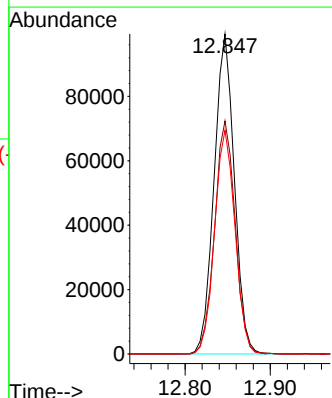
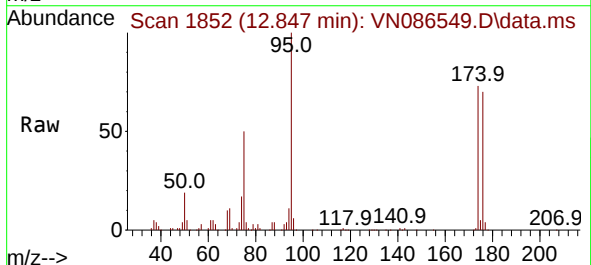
Instrument :
MSVOA_N
ClientSampleId :
PB167895ZHE#07

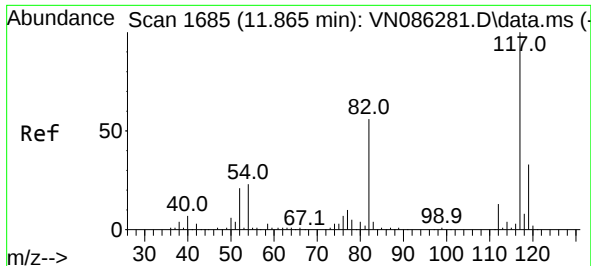
Tgt Ion: 98 Resp: 450365
Ion Ratio Lower Upper
98 100
100 66.0 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 50.627 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086549.D
Acq: 08 May 2025 16:37

Tgt Ion: 95 Resp: 163743
Ion Ratio Lower Upper
95 100
174 74.1 0.0 133.4
176 70.7 0.0 129.2

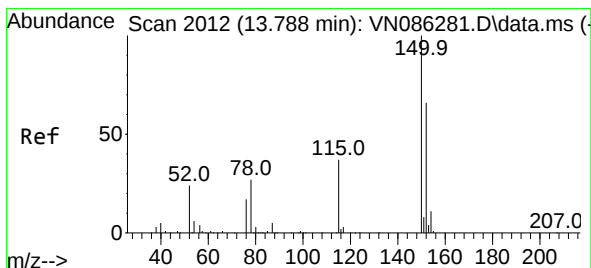
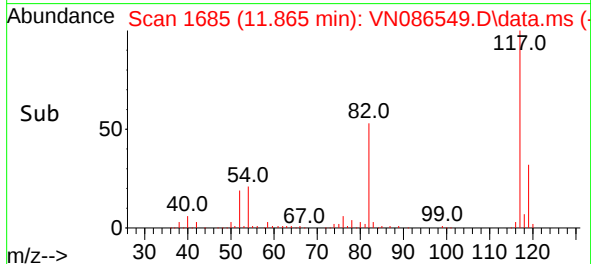
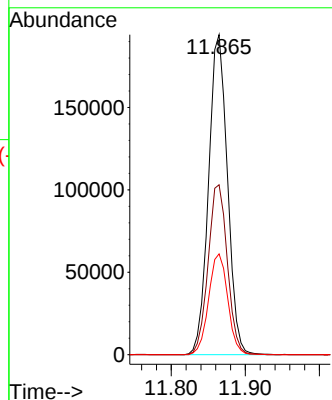
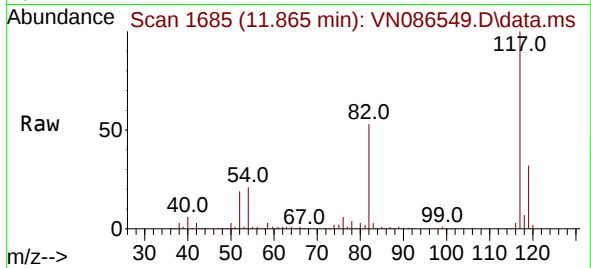




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086549.D
Acq: 08 May 2025 16:37

Instrument :
MSVOA_N
ClientSampleId :
PB167895ZHE#07

Tgt Ion:117 Resp: 343484
Ion Ratio Lower Upper
117 100
82 53.1 44.7 67.1
119 31.5 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086549.D
Acq: 08 May 2025 16:37

Tgt Ion:152 Resp: 148134
Ion Ratio Lower Upper
152 100
115 61.6 31.9 95.9
150 157.3 0.0 352.0

