

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051525\
 Data File : VN086657.D
 Acq On : 15 May 2025 20:01
 Operator : JC\MD
 Sample : Q2020-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-A

Quant Time: May 16 05:34:18 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)

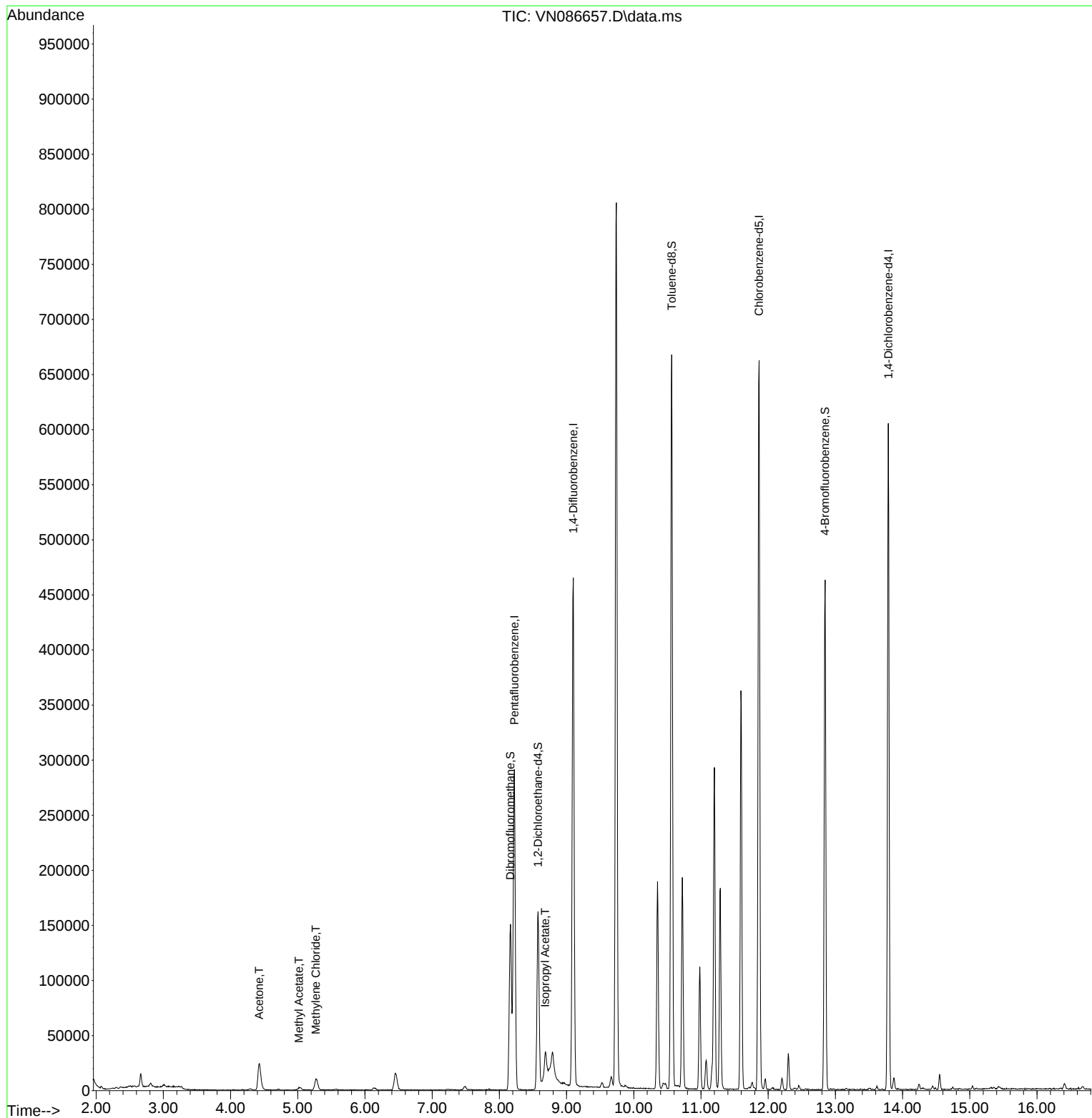
Internal Standards						
1) Pentafluorobenzene	8.224	168	215929	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	409548	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	396847	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	166317	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	134202	42.860	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	85.720%
35) Dibromofluoromethane	8.165	113	111862	58.851	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	117.700%
50) Toluene-d8	10.565	98	473187	46.580	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.160%
62) 4-Bromofluorobenzene	12.847	95	171188	46.201	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	92.400%
Target Compounds						
					Qvalue	
16) Acetone	4.424	43	48143	39.670	ug/l	100
18) Methyl Acetate	5.018	43	5456	1.452	ug/l #	68
20) Methylene Chloride	5.271	84	8970	3.099	ug/l	96
43) Isopropyl Acetate	8.683	43	50179	5.224	ug/l #	74

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

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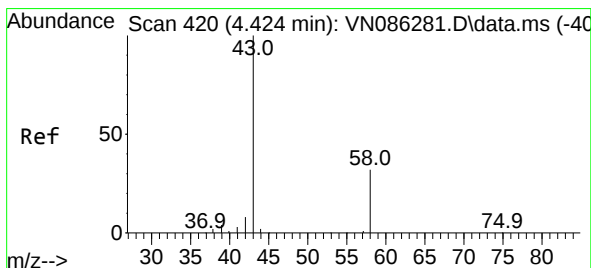
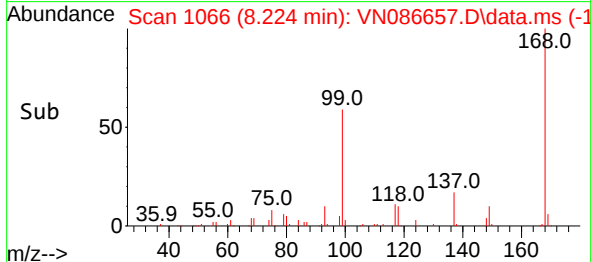
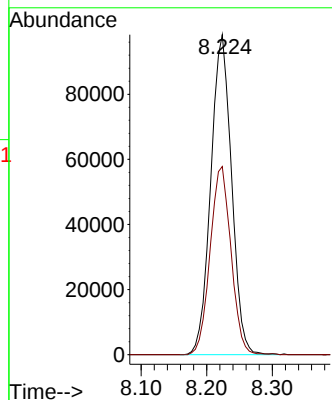
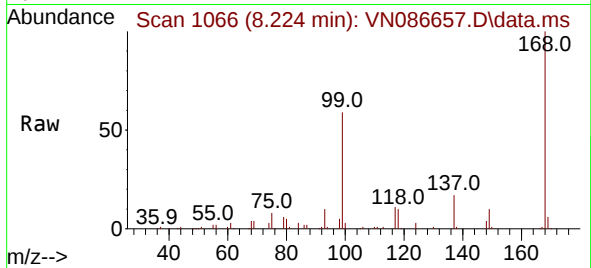




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN086657.D
Acq: 15 May 2025 20:01

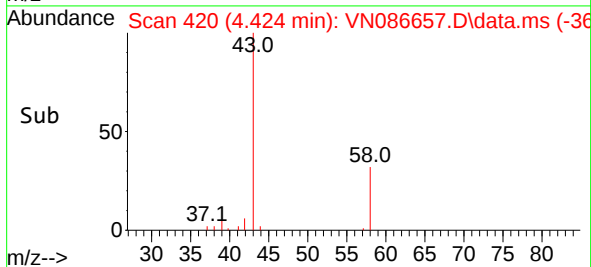
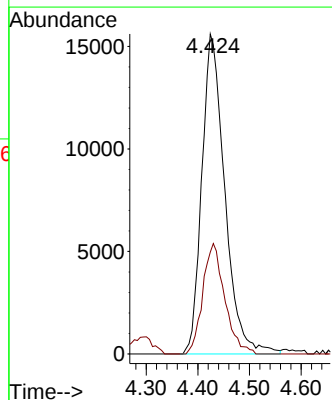
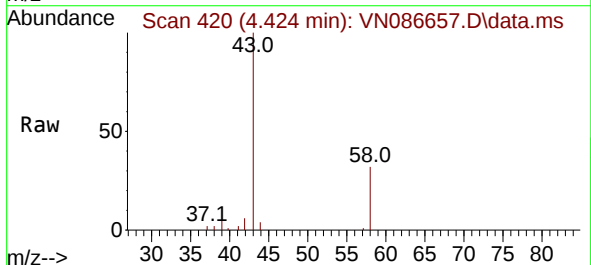
Instrument :
MSVOA_N
ClientSampleId :
TP-A

Tgt Ion:168 Resp: 215929
Ion Ratio Lower Upper
168 100
99 58.8 52.5 78.7



#16
Acetone
Concen: 39.670 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN086657.D
Acq: 15 May 2025 20:01

Tgt Ion: 43 Resp: 48143
Ion Ratio Lower Upper
43 100
58 31.8 25.3 37.9

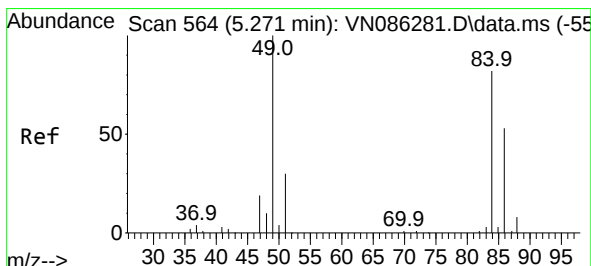
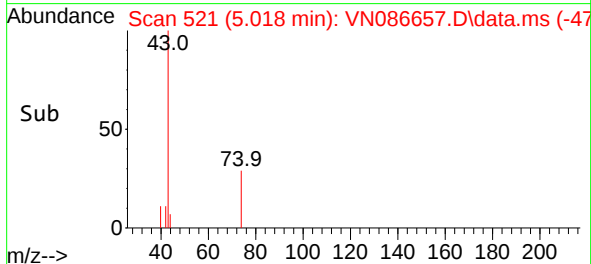
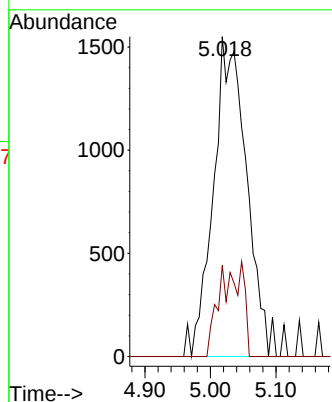
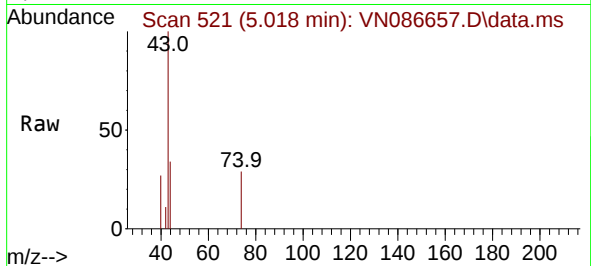




#18
Methyl Acetate
Concen: 1.452 ug/l
RT: 5.018 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN086657.D
Acq: 15 May 2025 20:01

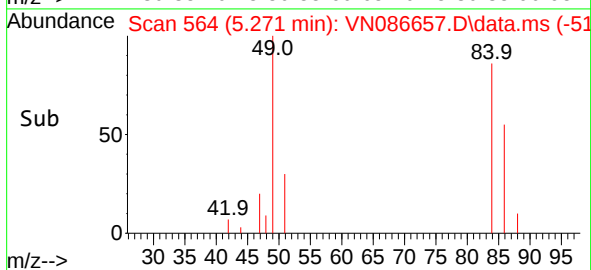
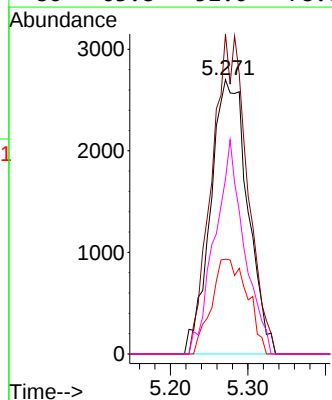
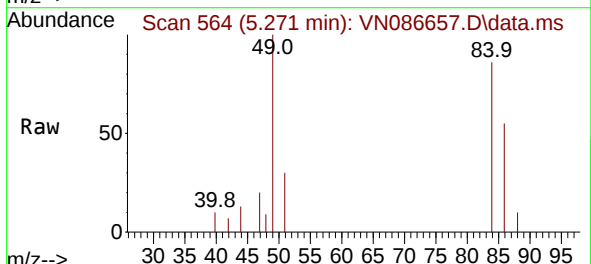
Instrument :
MSVOA_N
ClientSampleId :
TP-A

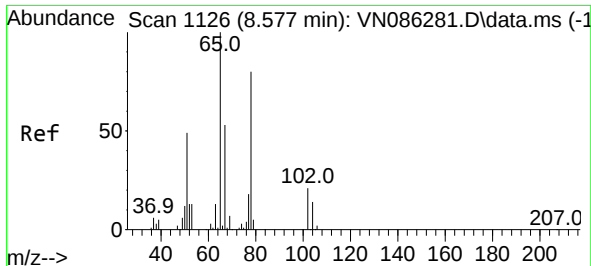
Tgt Ion: 43 Resp: 5456
Ion Ratio Lower Upper
43 100
74 8.6 19.8 29.6#



#20
Methylene Chloride
Concen: 3.099 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.000 min
Lab File: VN086657.D
Acq: 15 May 2025 20:01

Tgt Ion: 84 Resp: 8970
Ion Ratio Lower Upper
84 100
49 116.7 98.2 147.2
51 34.5 29.8 44.6
86 63.8 52.0 78.0

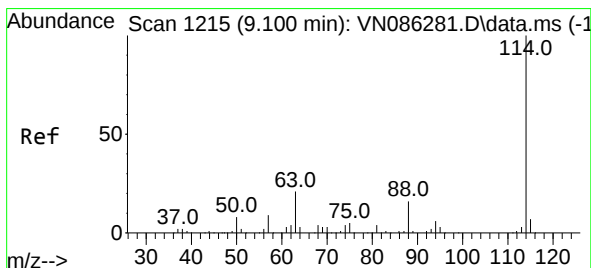
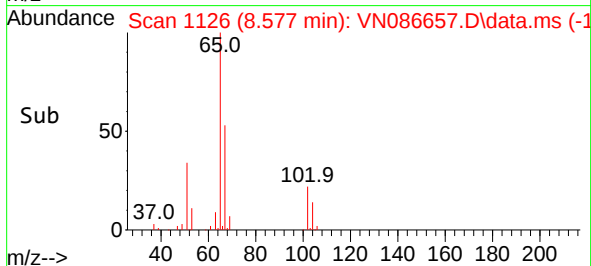
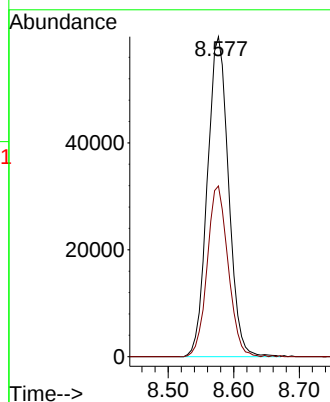
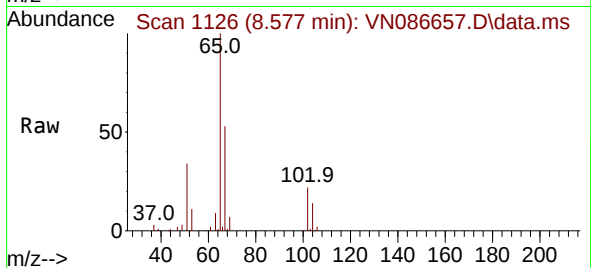




#33
 1,2-Dichloroethane-d4
 Concen: 42.860 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VN086657.D
 Acq: 15 May 2025 20:01

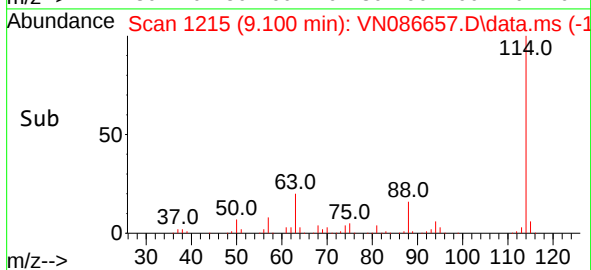
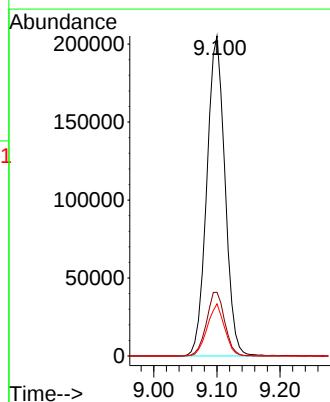
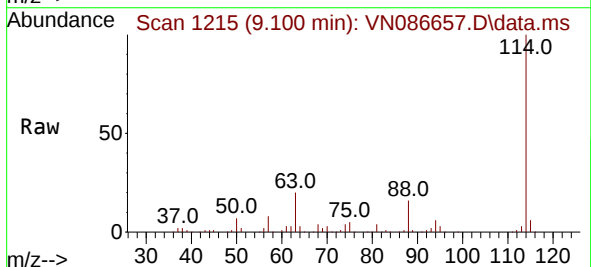
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-A

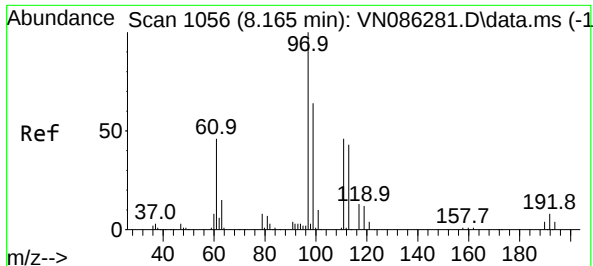
Tgt Ion: 65 Resp: 134202
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 106.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.000 min
 Lab File: VN086657.D
 Acq: 15 May 2025 20:01

Tgt Ion: 114 Resp: 409548
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 42.6
 88 16.3 0.0 31.8





#35

Dibromofluoromethane

Concen: 58.851 ug/l

RT: 8.165 min Scan# 110

Delta R.T. 0.000 min

Lab File: VN086657.D

Acq: 15 May 2025 20:01

Instrument :

MSVOA_N

ClientSampleId :

TP-A

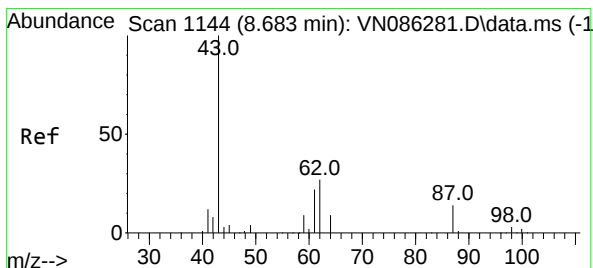
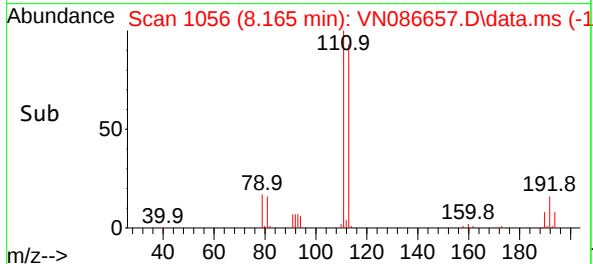
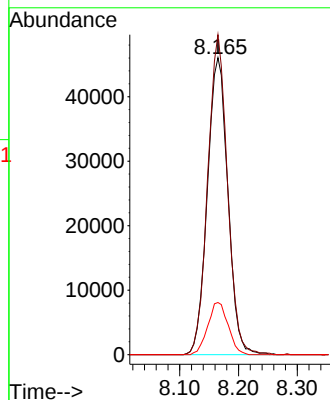
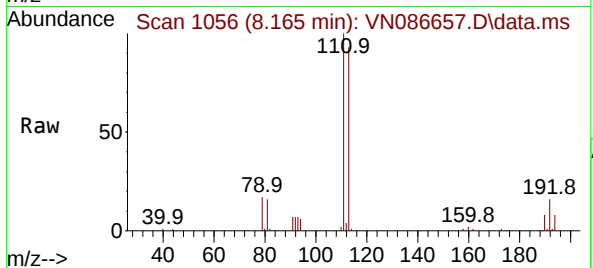
Tgt Ion:113 Resp: 111862

Ion Ratio Lower Upper

113 100

111 103.5 83.4 125.0

192 17.5 13.7 20.5



#43

Isopropyl Acetate

Concen: 5.224 ug/l

RT: 8.683 min Scan# 1144

Delta R.T. -0.000 min

Lab File: VN086657.D

Acq: 15 May 2025 20:01

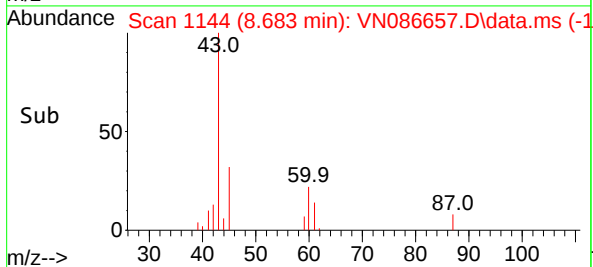
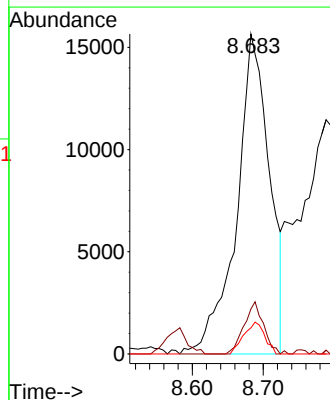
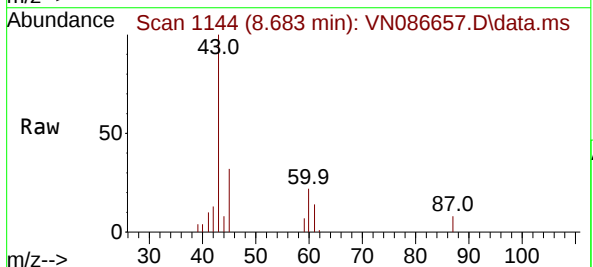
Tgt Ion: 43 Resp: 50179

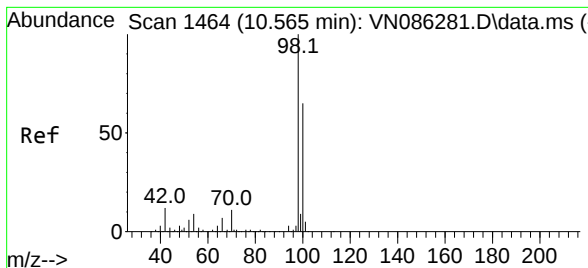
Ion Ratio Lower Upper

43 100

61 9.8 20.5 30.7#

87 6.3 10.5 15.7#

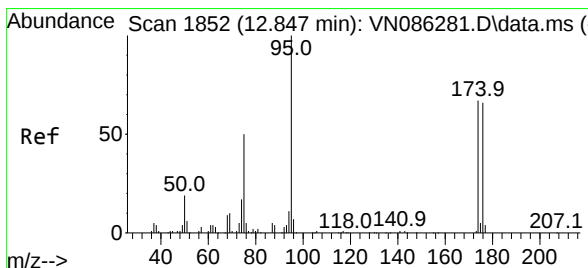
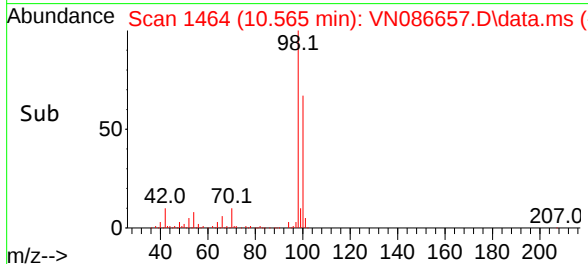
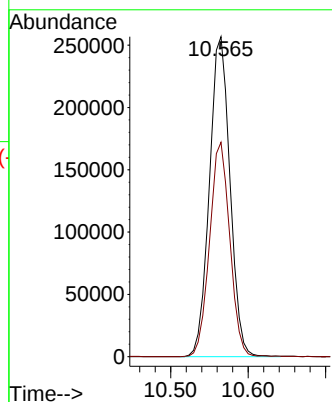
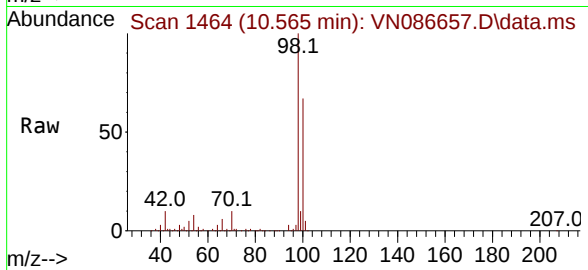




#50
Toluene-d8
Concen: 46.580 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN086657.D
Acq: 15 May 2025 20:01

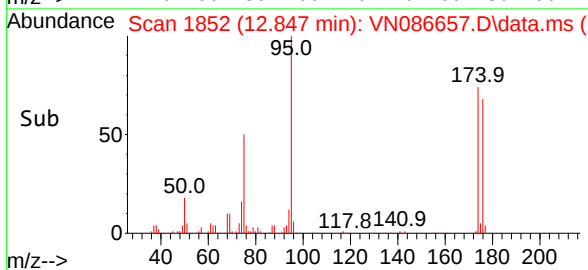
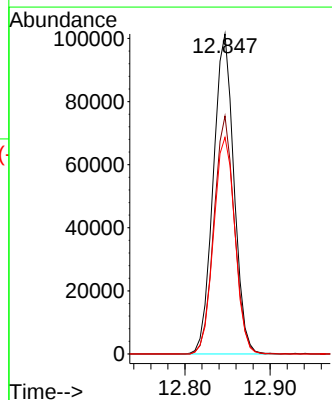
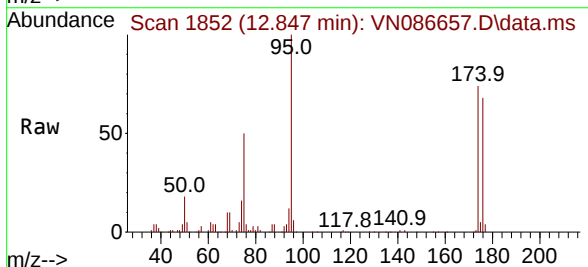
Instrument :
MSVOA_N
ClientSampleId :
TP-A

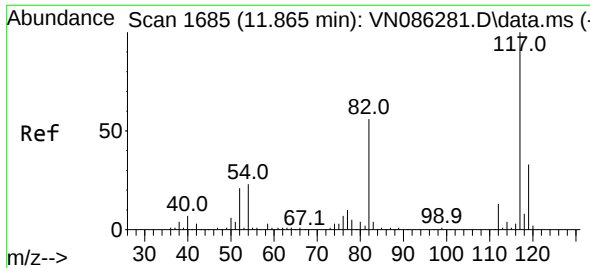
Tgt Ion: 98 Resp: 473187
Ion Ratio Lower Upper
98 100
100 66.0 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 46.201 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086657.D
Acq: 15 May 2025 20:01

Tgt Ion: 95 Resp: 171188
Ion Ratio Lower Upper
95 100
174 73.6 0.0 133.4
176 69.7 0.0 129.2

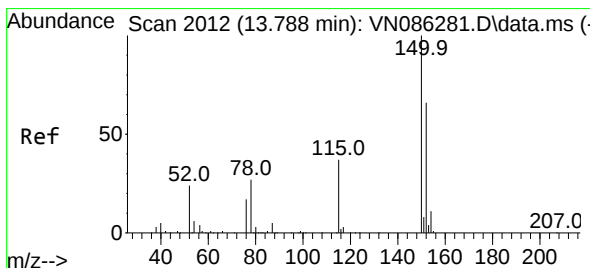
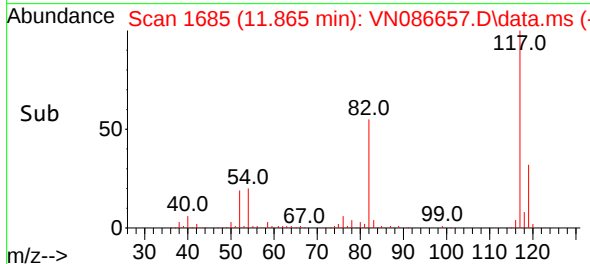
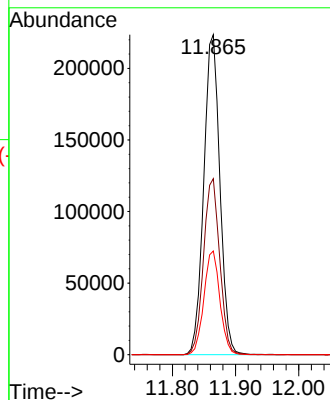
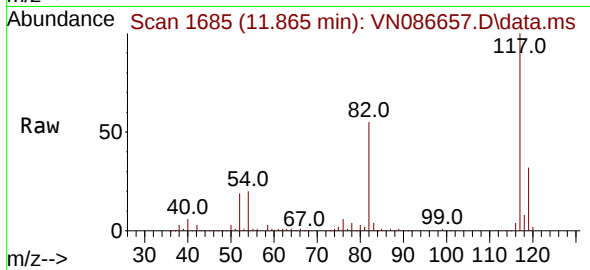




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN086657.D
Acq: 15 May 2025 20:01

Instrument :
MSVOA_N
ClientSampleId :
TP-A

Tgt Ion:117 Resp: 396847
Ion Ratio Lower Upper
117 100
82 55.0 44.7 67.1
119 32.4 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: VN086657.D
Acq: 15 May 2025 20:01

Tgt Ion:152 Resp: 166317
Ion Ratio Lower Upper
152 100
115 60.6 31.9 95.9
150 158.6 0.0 352.0

