

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051525\
 Data File : VN086643.D
 Acq On : 15 May 2025 14:23
 Operator : JC\MD
 Sample : PB167995ZHE#05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167995ZHE#05

Quant Time: May 16 05:27:24 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)

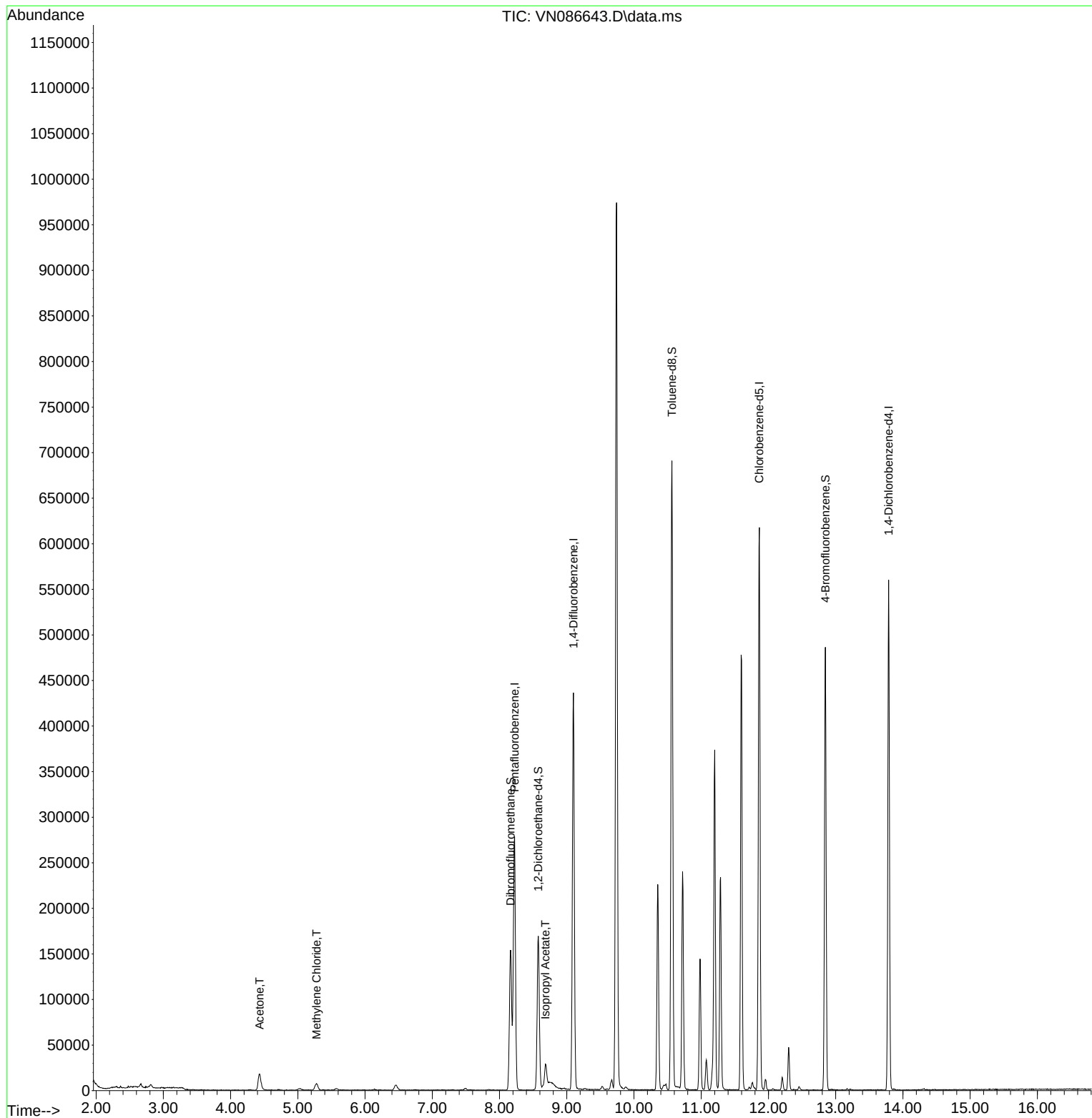
Internal Standards						
1) Pentafluorobenzene	8.224	168	213519	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	395528	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	379438	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	159658	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	142593	46.054	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.100%
35) Dibromofluoromethane	8.165	113	116996	63.734	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	127.460%#
50) Toluene-d8	10.565	98	502690	51.238	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.480%
62) 4-Bromofluorobenzene	12.847	95	179546	50.175	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	100.340%
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	36566	29.116	ug/l	91
20) Methylene Chloride	5.277	84	6136	2.144	ug/l #	87
43) Isopropyl Acetate	8.682	43	41177	4.154	ug/l #	82

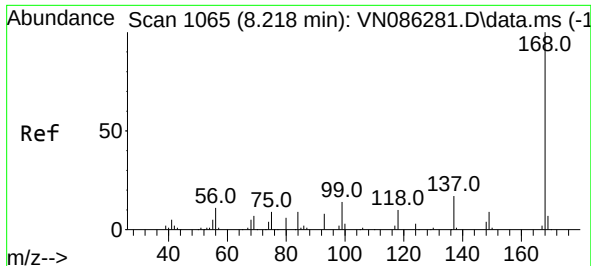
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051525\
Data File : VN086643.D
Acq On : 15 May 2025 14:23
Operator : JC\MD
Sample : PB167995ZHE#05
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB167995ZHE#05

Quant Time: May 16 05:27:24 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

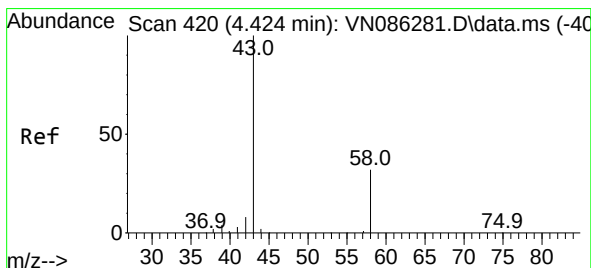
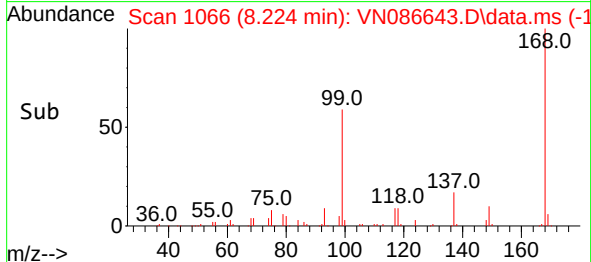
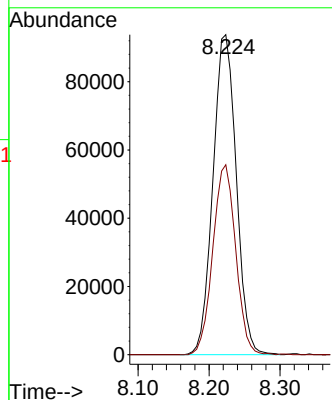
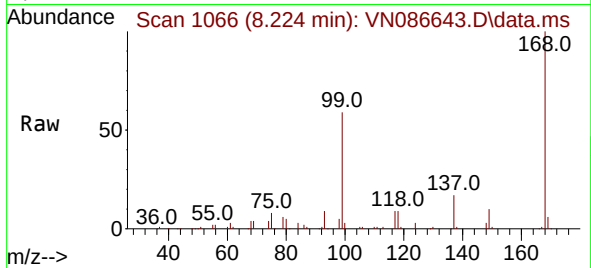




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN086643.D
Acq: 15 May 2025 14:23

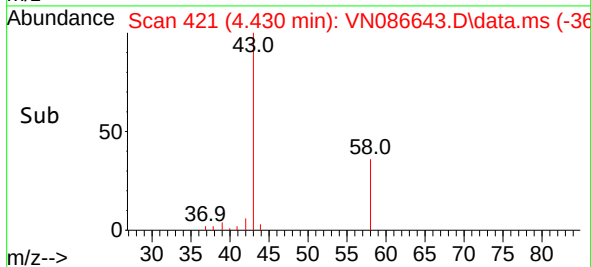
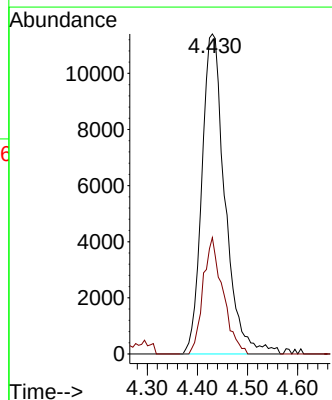
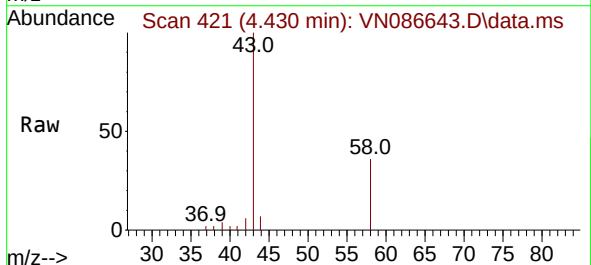
Instrument :
MSVOA_N
ClientSampleId :
PB167995ZHE#05

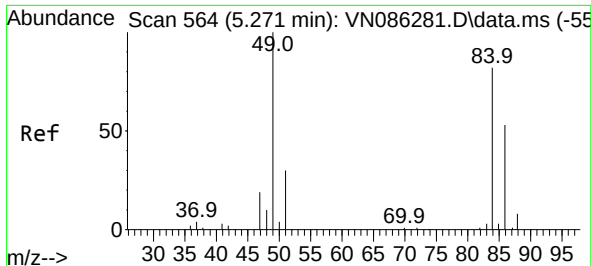
Tgt Ion:168 Resp: 213519
Ion Ratio Lower Upper
168 100
99 59.4 52.5 78.7



#16
Acetone
Concen: 29.116 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN086643.D
Acq: 15 May 2025 14:23

Tgt Ion: 43 Resp: 36566
Ion Ratio Lower Upper
43 100
58 36.3 25.3 37.9

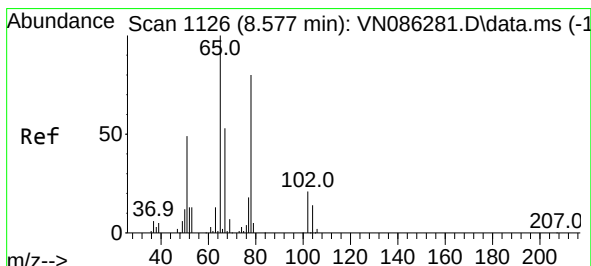
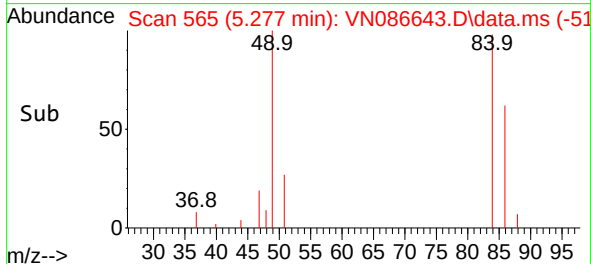
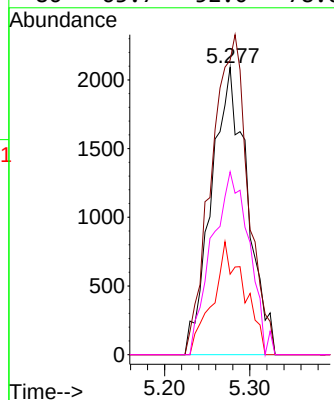
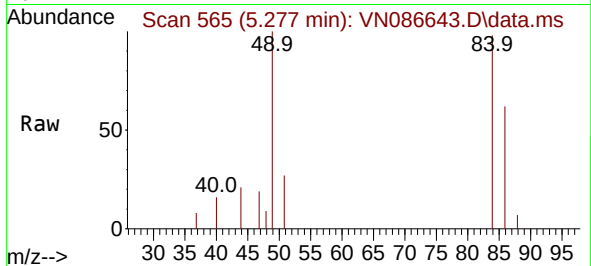




#20
Methylene Chloride
Concen: 2.144 ug/l
RT: 5.277 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN086643.D
Acq: 15 May 2025 14:23

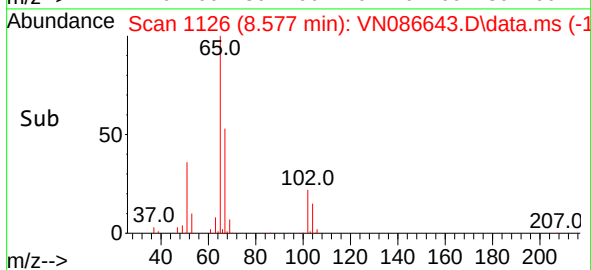
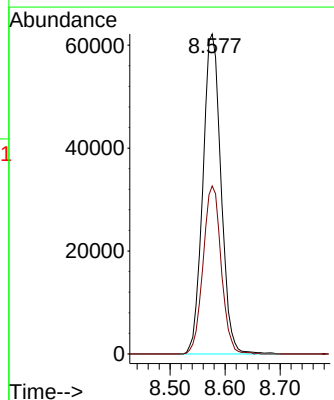
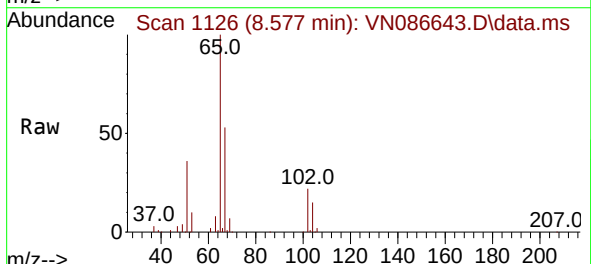
Instrument :
MSVOA_N
ClientSampleId :
PB167995ZHE#05

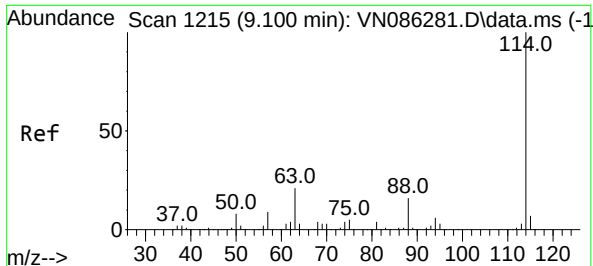
Tgt Ion:	84	Resp:	6136
Ion	Ratio	Lower	Upper
84	100		
49	102.5	98.2	147.2
51	28.0	29.8	44.6#
86	63.7	52.0	78.0



#33
1,2-Dichloroethane-d4
Concen: 46.054 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086643.D
Acq: 15 May 2025 14:23

Tgt Ion:	65	Resp:	142593
Ion	Ratio	Lower	Upper
65	100		
67	52.3	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: VN086643.D

Acq: 15 May 2025 14:23

Instrument :

MSVOA_N

ClientSampleId :

PB167995ZHE#05

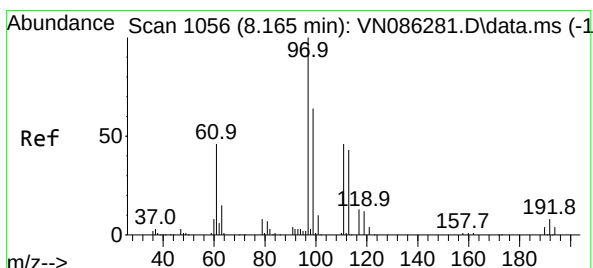
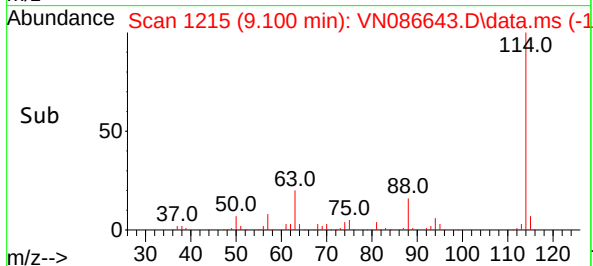
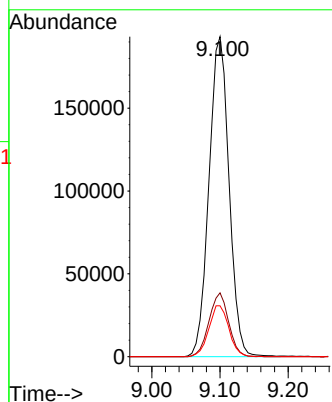
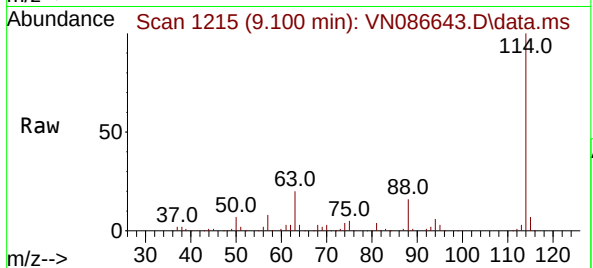
Tgt Ion:114 Resp: 395528

Ion Ratio Lower Upper

114 100

63 20.0 0.0 42.6

88 15.9 0.0 31.8



#35

Dibromofluoromethane

Concen: 63.734 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN086643.D

Acq: 15 May 2025 14:23

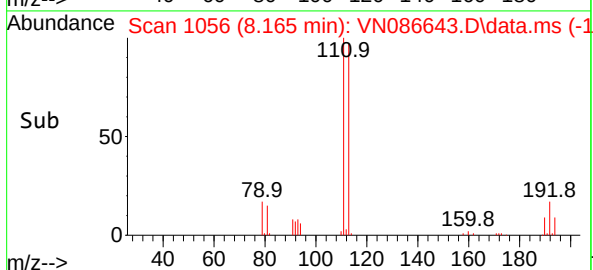
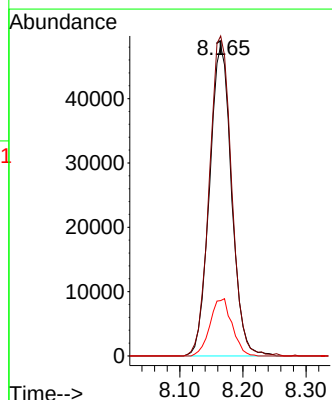
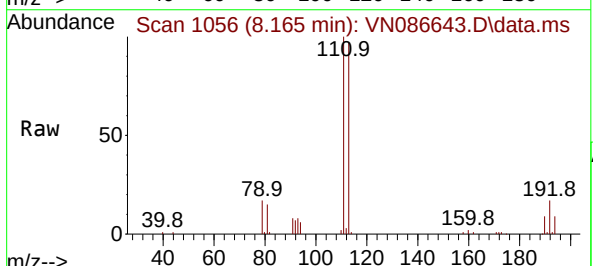
Tgt Ion:113 Resp: 116996

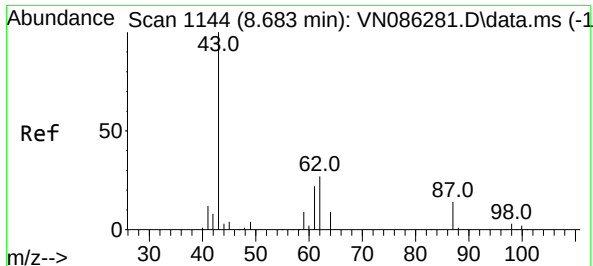
Ion Ratio Lower Upper

113 100

111 104.2 83.4 125.0

192 18.4 13.7 20.5

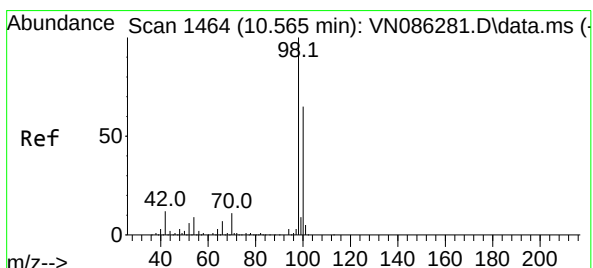
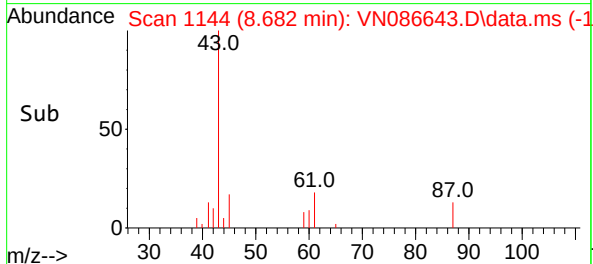
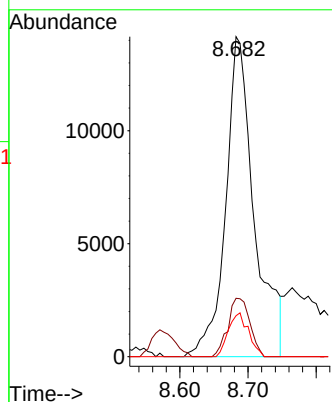
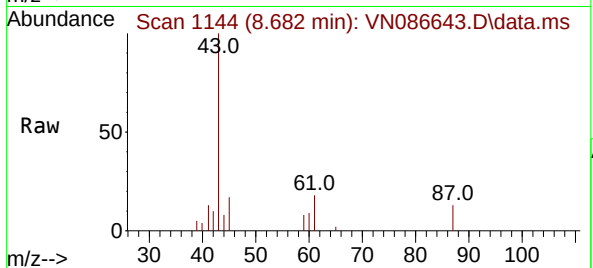




#43
Isopropyl Acetate
Concen: 4.154 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.001 min
Lab File: VN086643.D
Acq: 15 May 2025 14:23

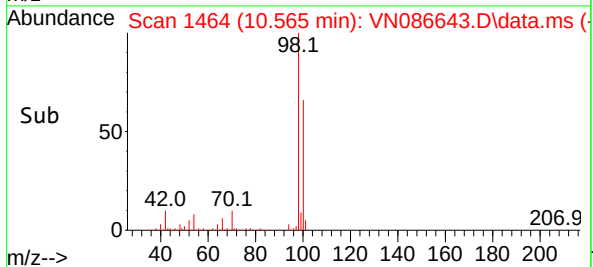
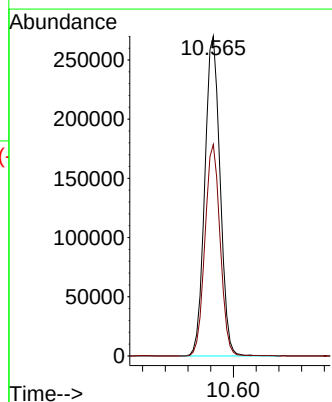
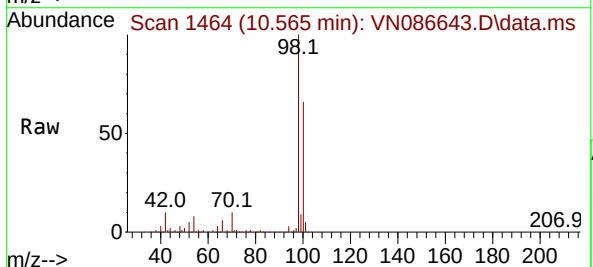
Instrument :
MSVOA_N
ClientSampleId :
PB167995ZHE#05

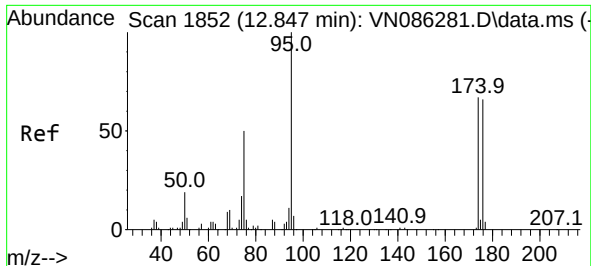
Tgt Ion: 43 Resp: 41177
Ion Ratio Lower Upper
43 100
61 14.1 20.5 30.7#
87 9.7 10.5 15.7#



#50
Toluene-d8
Concen: 51.238 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086643.D
Acq: 15 May 2025 14:23

Tgt Ion: 98 Resp: 502690
Ion Ratio Lower Upper
98 100
100 65.8 52.5 78.7

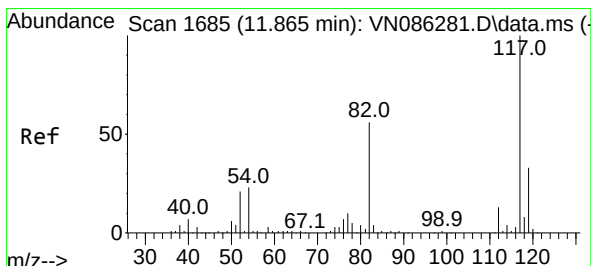
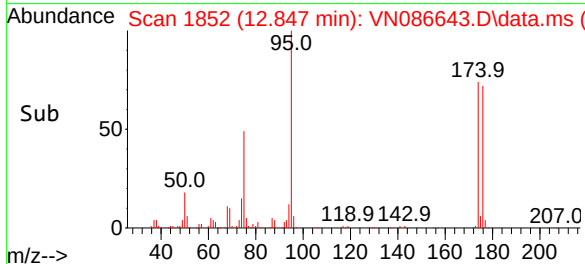
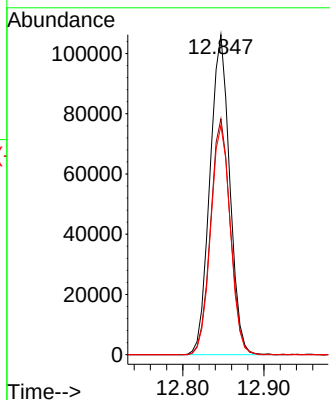
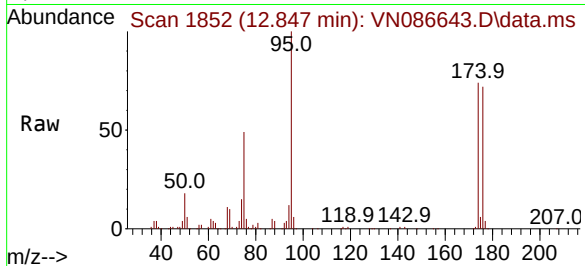




#62
4-Bromofluorobenzene
Concen: 50.175 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086643.D
Acq: 15 May 2025 14:23

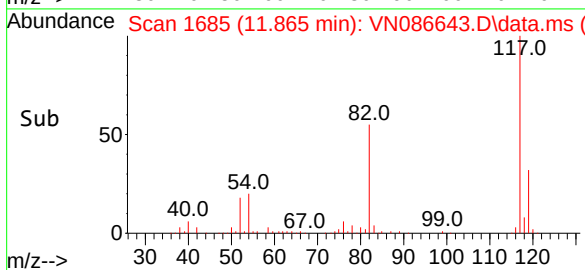
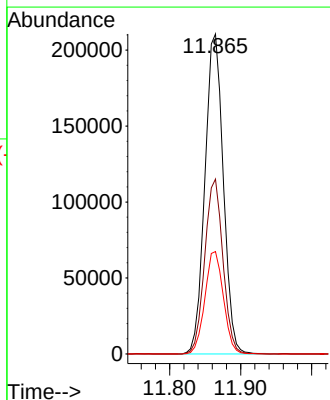
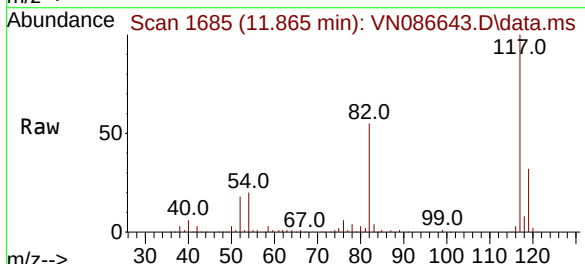
Instrument :
MSVOA_N
ClientSampleId :
PB167995ZHE#05

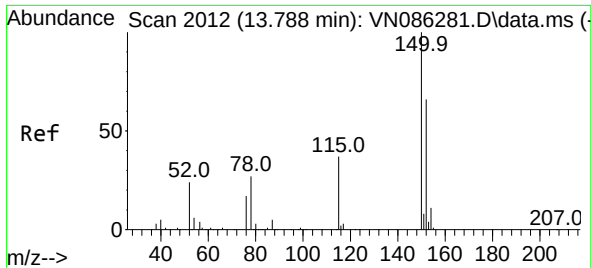
Tgt Ion: 95 Resp: 179546
Ion Ratio Lower Upper
95 100
174 73.7 0.0 133.4
176 71.2 0.0 129.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086643.D
Acq: 15 May 2025 14:23

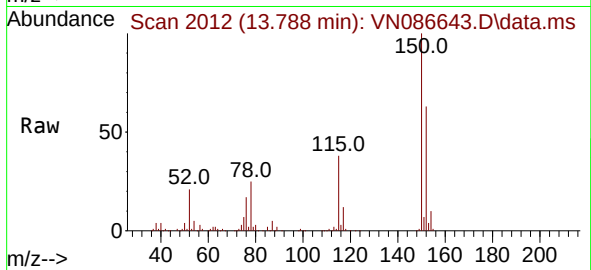
Tgt Ion: 117 Resp: 379438
Ion Ratio Lower Upper
117 100
82 54.7 44.7 67.1
119 32.0 26.4 39.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN086643.D
 Acq: 15 May 2025 14:23

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167995ZHE#05



Tgt Ion:152 Resp: 159658
 Ion Ratio Lower Upper
 152 100
 115 59.7 31.9 95.9
 150 157.9 0.0 352.0

