

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050825\
 Data File : VN086545.D
 Acq On : 08 May 2025 15:00
 Operator : JC\MD
 Sample : PB167895ZHE#03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167895ZHE#03

Quant Time: May 09 01:52:39 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)

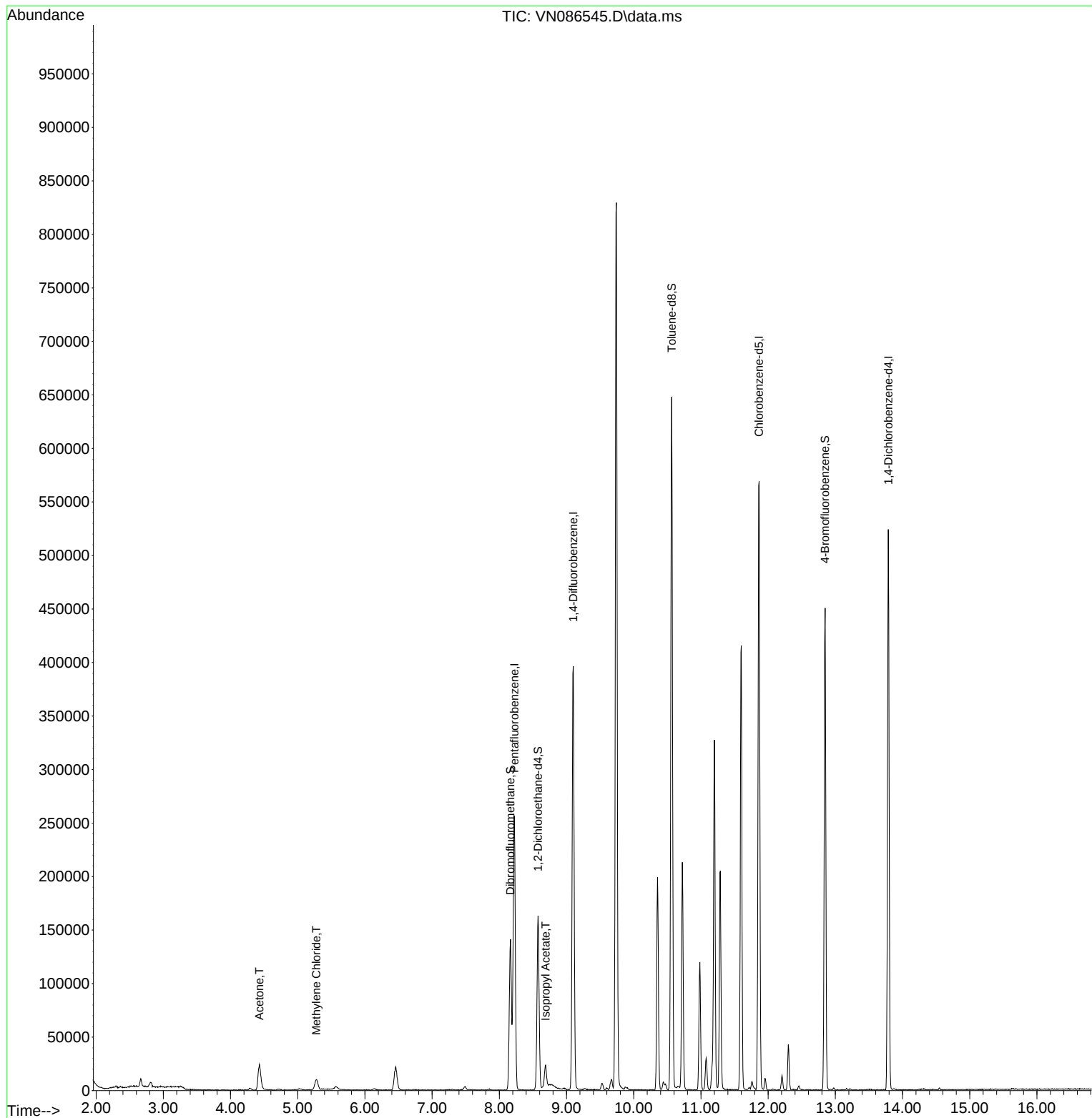
Internal Standards						
1) Pentafluorobenzene	8.224	168	196959	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	359718	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	343781	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	143873	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	133393	46.705	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.400%
35) Dibromofluoromethane	8.165	113	102703	61.517	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	123.040%
50) Toluene-d8	10.565	98	451209	50.569	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.140%
62) 4-Bromofluorobenzene	12.847	95	162482	49.926	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	99.860%
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	46074	41.909	ug/l	90
20) Methylene Chloride	5.277	84	8136	3.081	ug/l	91
43) Isopropyl Acetate	8.688	43	30339	3.007	ug/l #	86

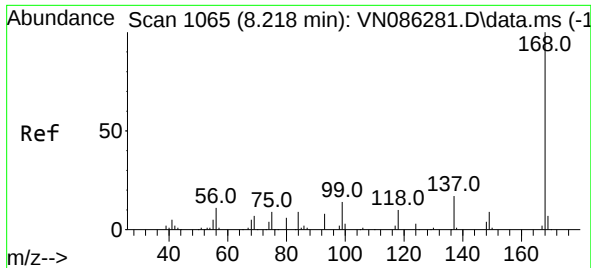
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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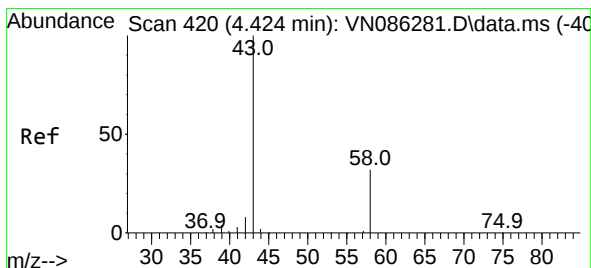
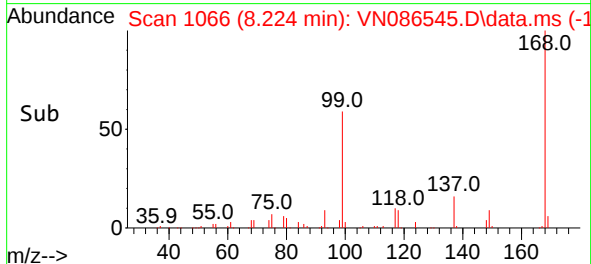
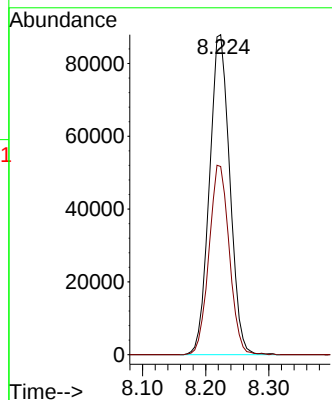
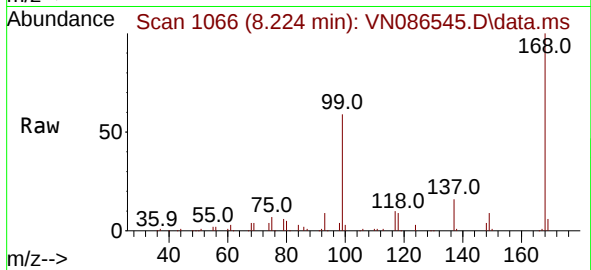




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN086545.D
Acq: 08 May 2025 15:00

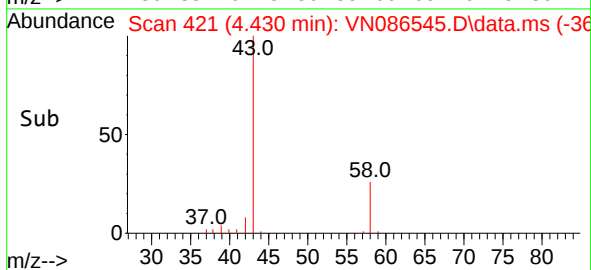
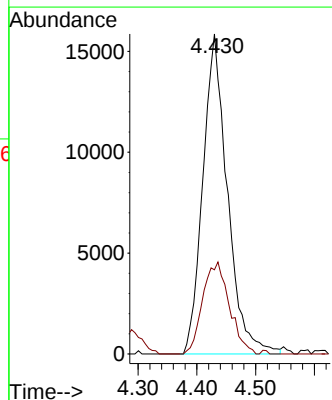
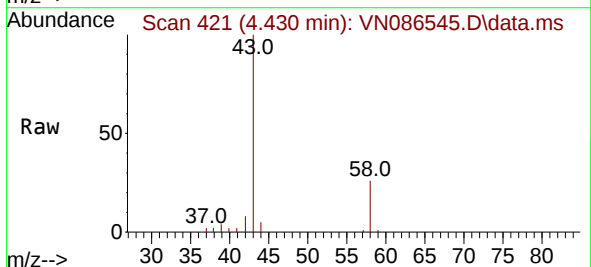
Instrument :
MSVOA_N
ClientSampleId :
PB167895ZHE#03

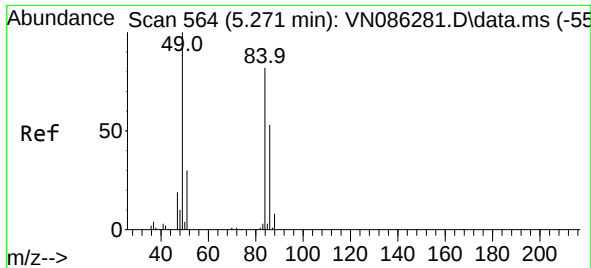
Tgt Ion:168 Resp: 196959
Ion Ratio Lower Upper
168 100
99 58.8 52.5 78.7



#16
Acetone
Concen: 41.909 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN086545.D
Acq: 08 May 2025 15:00

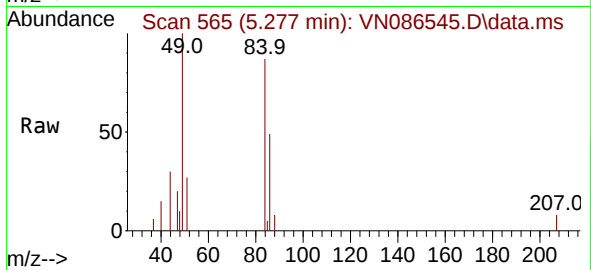
Tgt Ion: 43 Resp: 46074
Ion Ratio Lower Upper
43 100
58 26.3 25.3 37.9



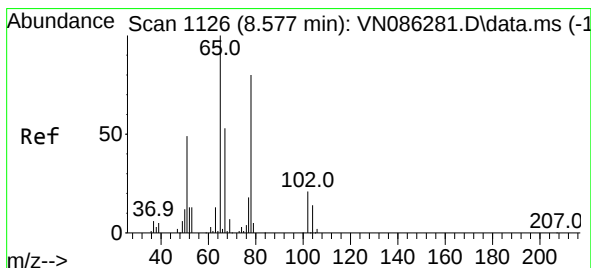
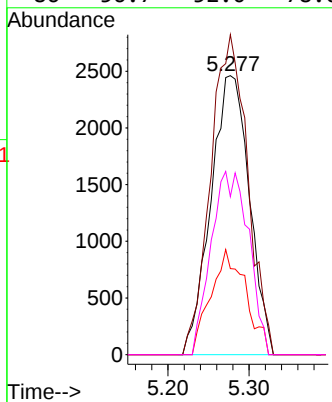
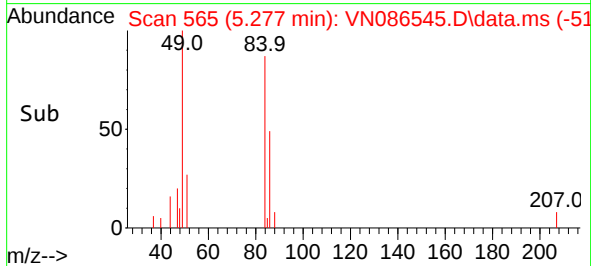


#20
Methylene Chloride
Concen: 3.081 ug/l
RT: 5.277 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN086545.D
Acq: 08 May 2025 15:00

Instrument :
MSVOA_N
ClientSampleId :
PB167895ZHE#03

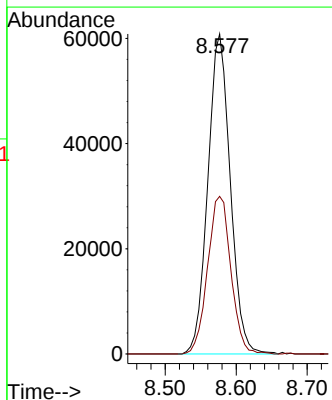
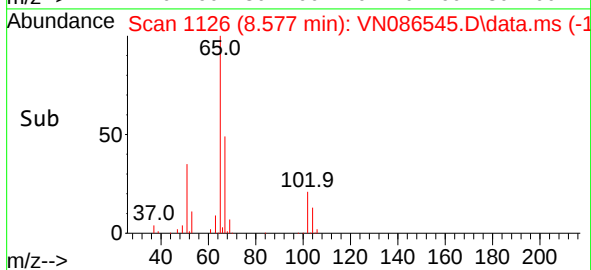
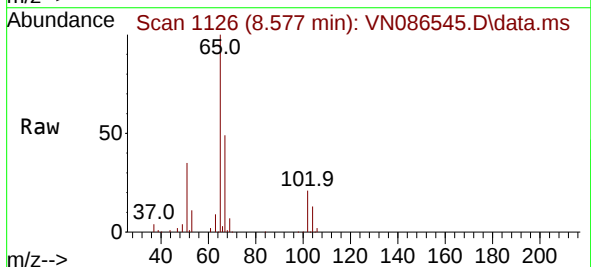


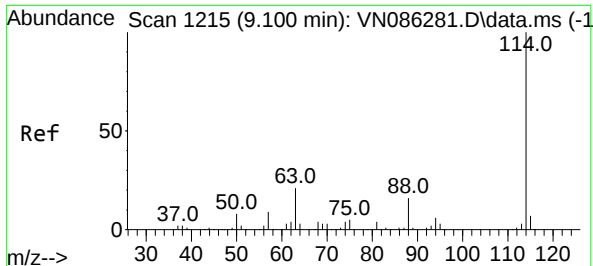
Tgt Ion:	84	Resp:	8136
Ion	Ratio	Lower	Upper
84	100		
49	114.7	98.2	147.2
51	30.8	29.8	44.6
86	56.7	52.0	78.0



#33
1,2-Dichloroethane-d4
Concen: 46.705 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN086545.D
Acq: 08 May 2025 15:00

Tgt Ion:	65	Resp:	133393
Ion	Ratio	Lower	Upper
65	100		
67	51.1	0.0	106.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN086545.D

Acq: 08 May 2025 15:00

Instrument :

MSVOA_N

ClientSampleId :

PB167895ZHE#03

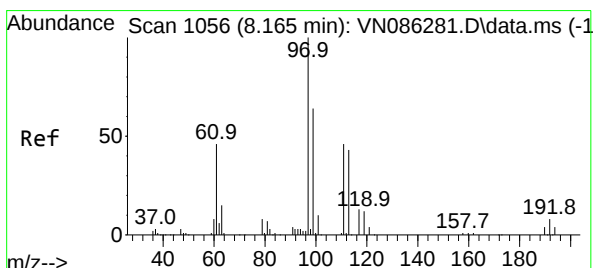
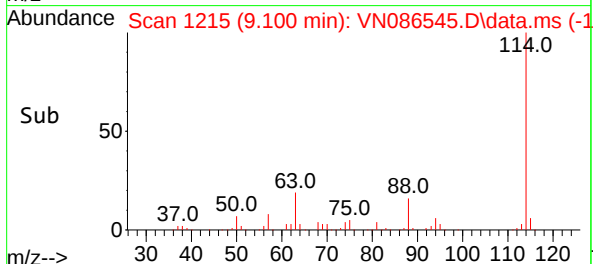
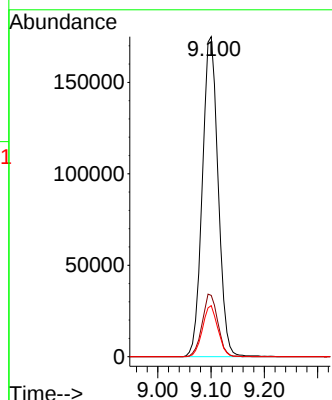
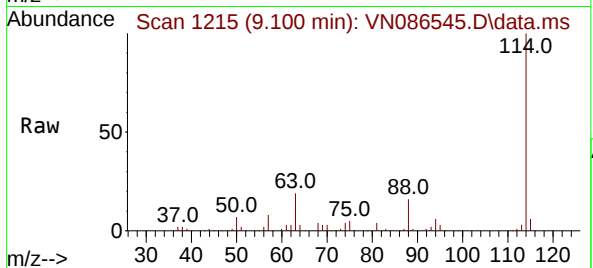
Tgt Ion:114 Resp: 359718

Ion Ratio Lower Upper

114 100

63 19.2 0.0 42.6

88 16.0 0.0 31.8



#35

Dibromofluoromethane

Concen: 61.517 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN086545.D

Acq: 08 May 2025 15:00

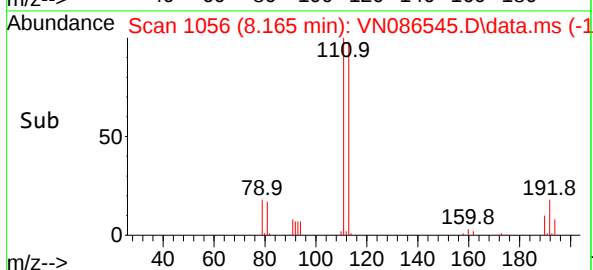
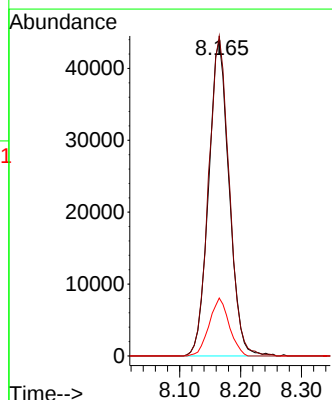
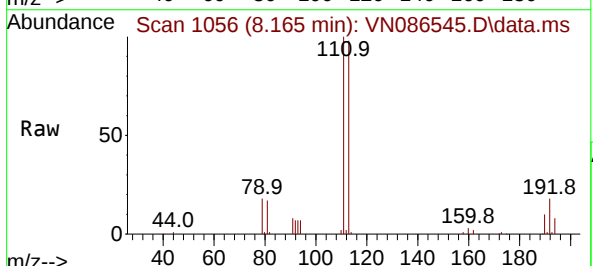
Tgt Ion:113 Resp: 102703

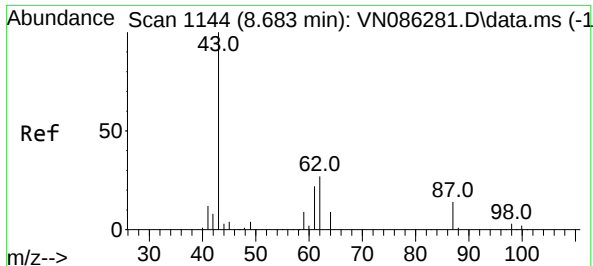
Ion Ratio Lower Upper

113 100

111 101.8 83.4 125.0

192 17.9 13.7 20.5

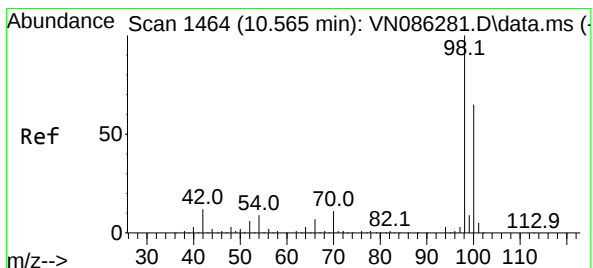
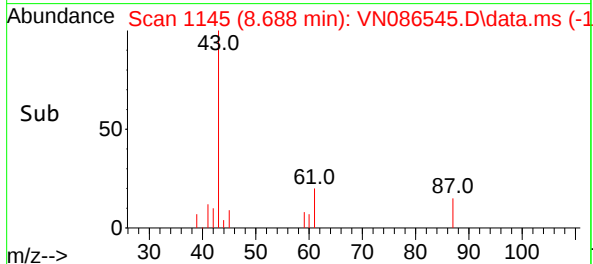
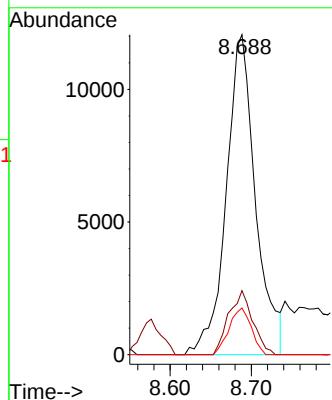
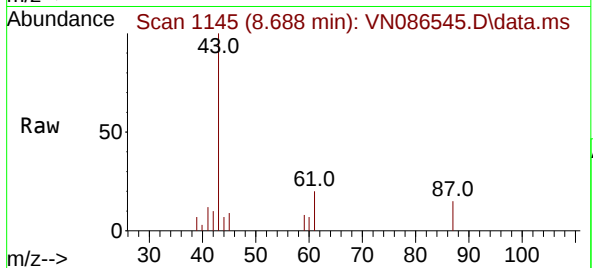




#43
Isopropyl Acetate
Concen: 3.007 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.005 min
Lab File: VN086545.D
Acq: 08 May 2025 15:00

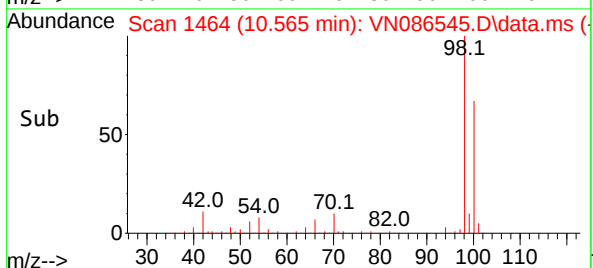
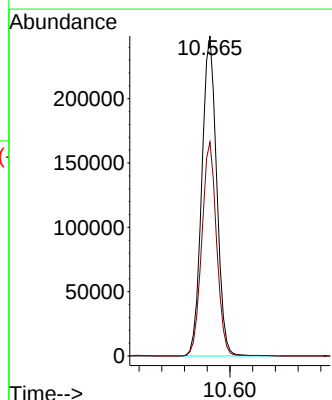
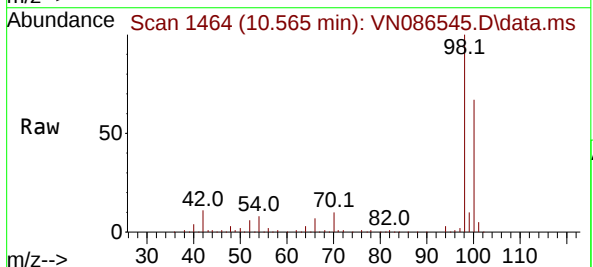
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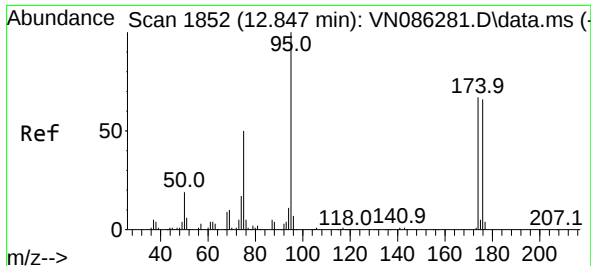
Tgt Ion: 43 Resp: 30339
Ion Ratio Lower Upper
43 100
61 16.4 20.5 30.7#
87 11.0 10.5 15.7



#50
Toluene-d8
Concen: 50.569 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN086545.D
Acq: 08 May 2025 15:00

Tgt Ion: 98 Resp: 451209
Ion Ratio Lower Upper
98 100
100 66.5 52.5 78.7

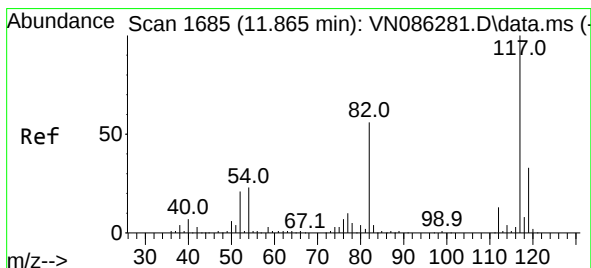
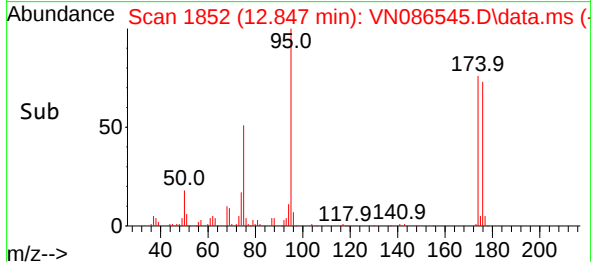
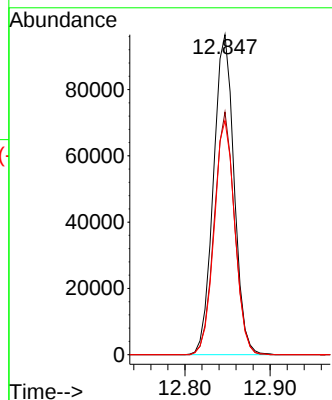
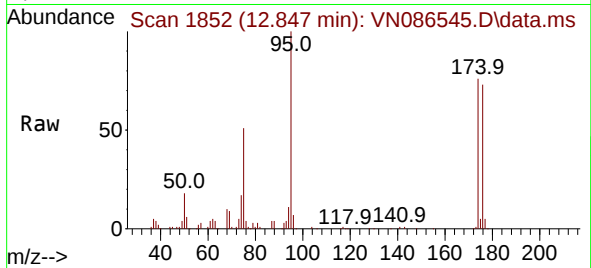




#62
4-Bromofluorobenzene
Concen: 49.926 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086545.D
Acq: 08 May 2025 15:00

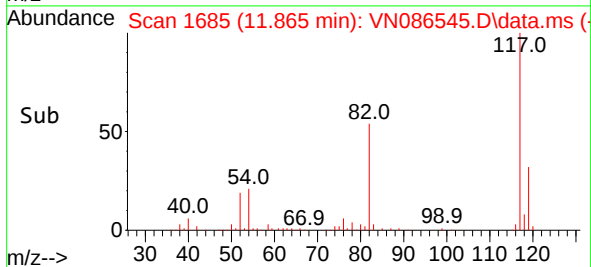
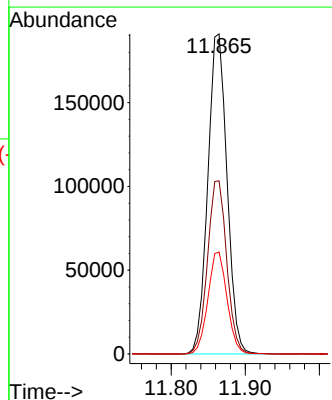
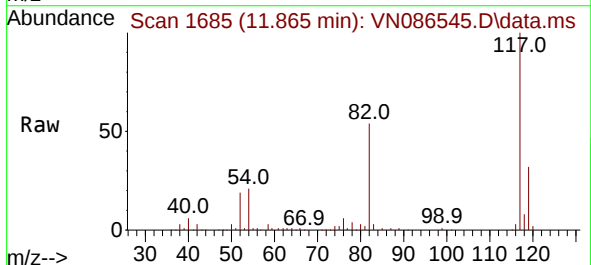
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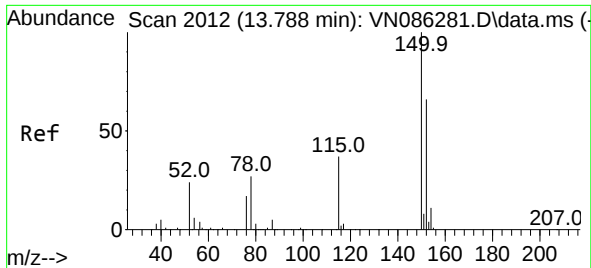
Tgt Ion: 95 Resp: 162482
Ion Ratio Lower Upper
95 100
174 74.6 0.0 133.4
176 72.9 0.0 129.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN086545.D
Acq: 08 May 2025 15:00

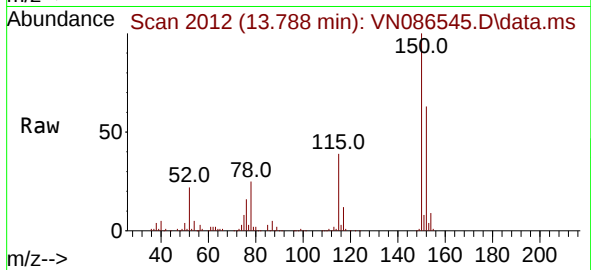
Tgt Ion: 117 Resp: 343781
Ion Ratio Lower Upper
117 100
82 54.1 44.7 67.1
119 31.8 26.4 39.6





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 20
Delta R.T. 0.000 min
Lab File: VN086545.D
Acq: 08 May 2025 15:00

Instrument :
MSVOA_N
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Tgt Ion:152 Resp: 143873
Ion Ratio Lower Upper
152 100
115 61.2 31.9 95.9
150 157.6 0.0 352.0

