

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050825\
 Data File : VN086544.D
 Acq On : 08 May 2025 14:36
 Operator : JC\MD
 Sample : PB167895ZHE#02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167895ZHE#02

Quant Time: May 09 01:52:09 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)

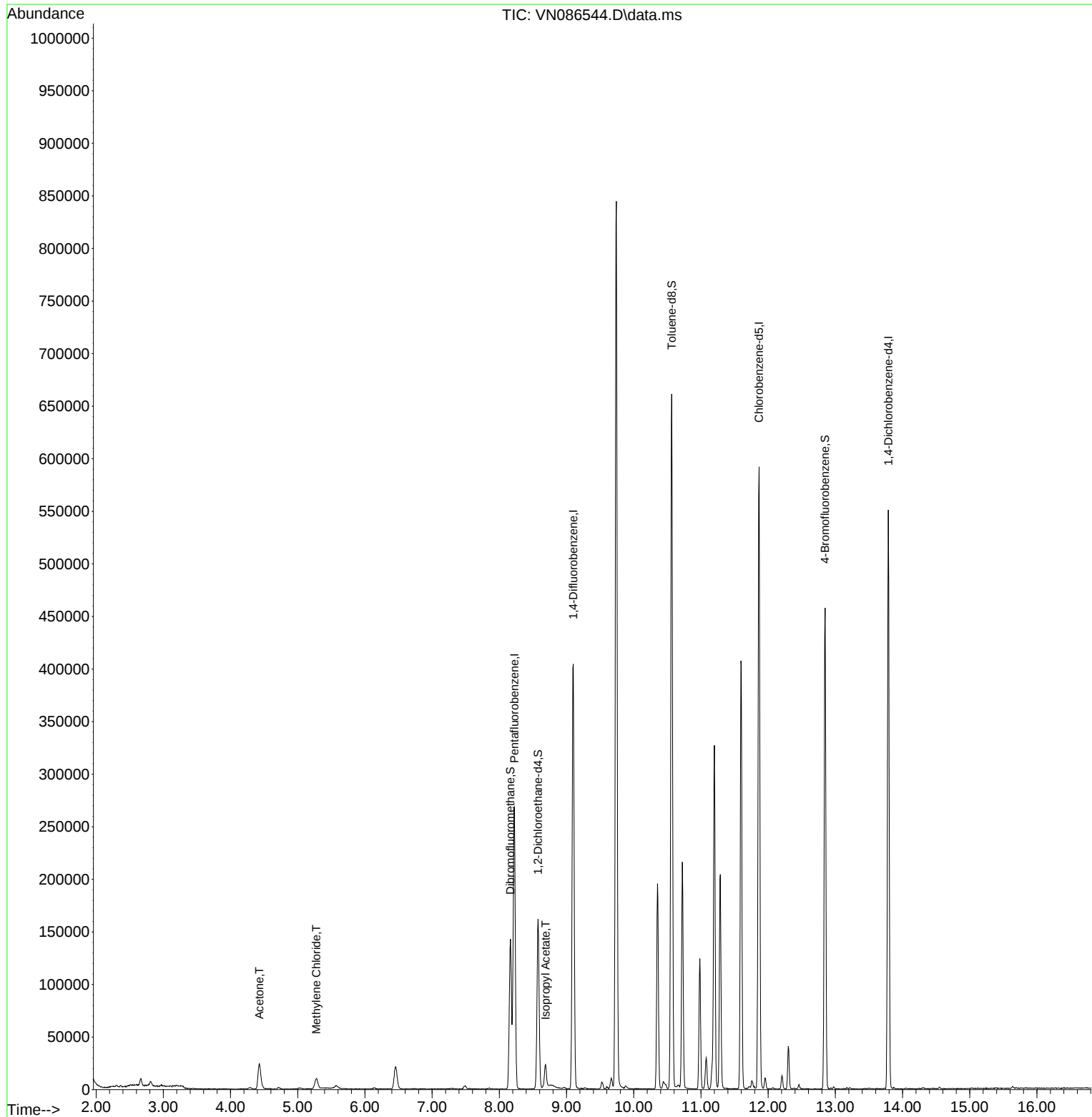
Internal Standards						
1) Pentafluorobenzene	8.224	168	202516	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	369362	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	351871	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	153642	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	134814	45.907	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	91.820%
35) Dibromofluoromethane	8.165	113	105631	61.619	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	123.240%
50) Toluene-d8	10.565	98	466275	50.893	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.780%
62) 4-Bromofluorobenzene	12.847	95	168476	50.416	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	100.840%
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	46813	41.343	ug/l	98
20) Methylene Chloride	5.277	84	7925	2.919	ug/l	91
43) Isopropyl Acetate	8.688	43	29755	2.788	ug/l #	86

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

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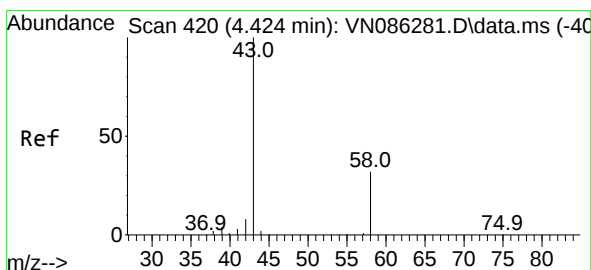
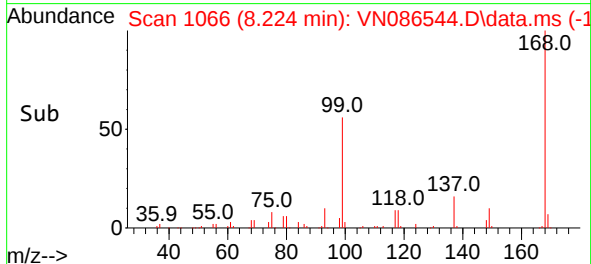
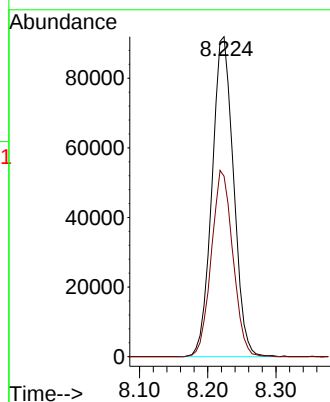
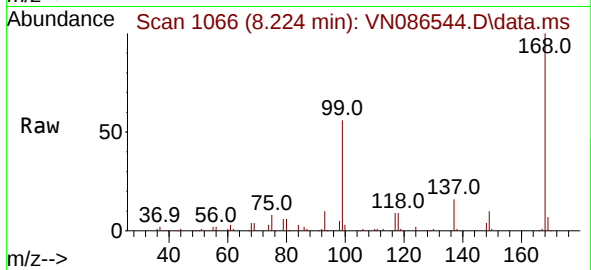




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN086544.D
Acq: 08 May 2025 14:36

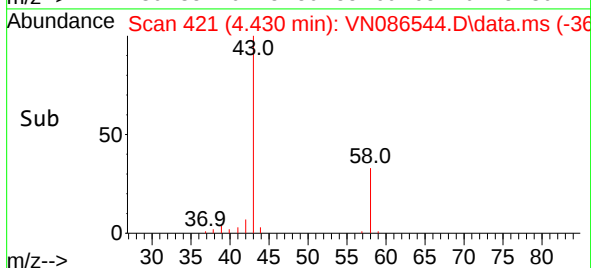
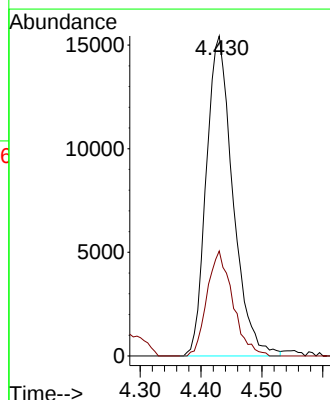
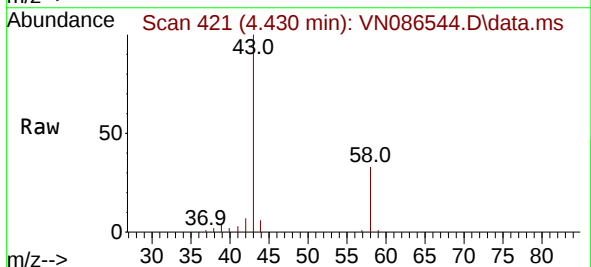
Instrument :
MSVOA_N
ClientSampleId :
PB167895ZHE#02

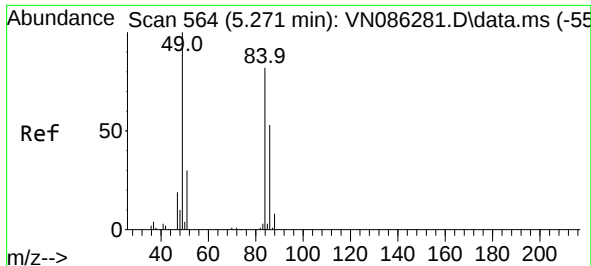
Tgt Ion:168 Resp: 202516
Ion Ratio Lower Upper
168 100
99 56.4 52.5 78.7



#16
Acetone
Concen: 41.343 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN086544.D
Acq: 08 May 2025 14:36

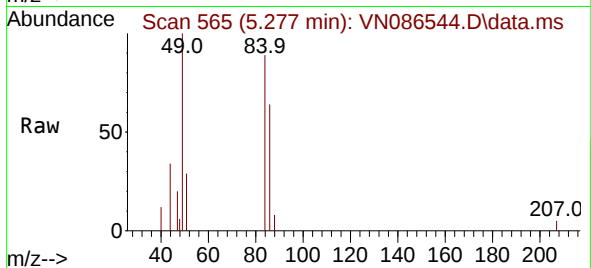
Tgt Ion: 43 Resp: 46813
Ion Ratio Lower Upper
43 100
58 32.8 25.3 37.9



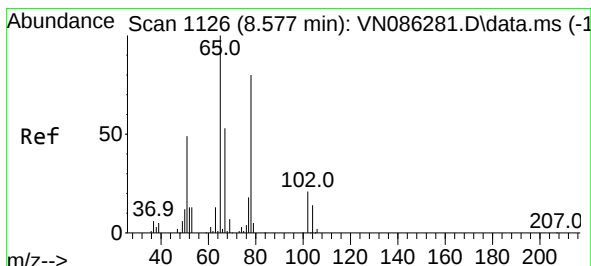
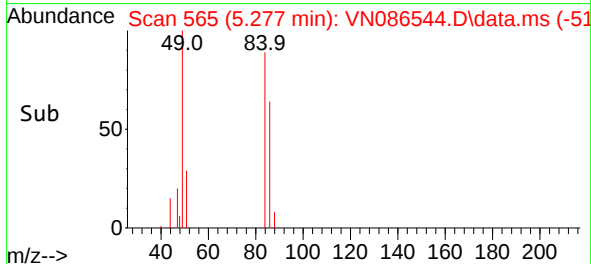
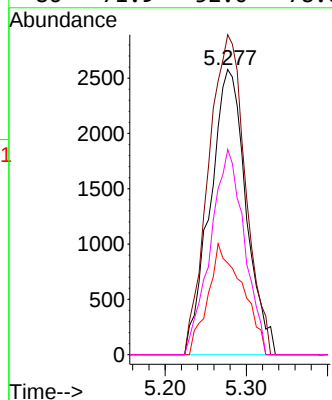


#20
Methylene Chloride
Concen: 2.919 ug/l
RT: 5.277 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN086544.D
Acq: 08 May 2025 14:36

Instrument :
MSVOA_N
ClientSampleId :
PB167895ZHE#02

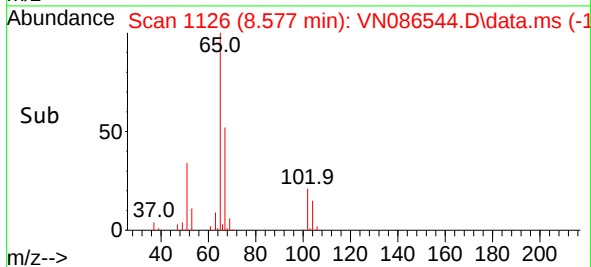
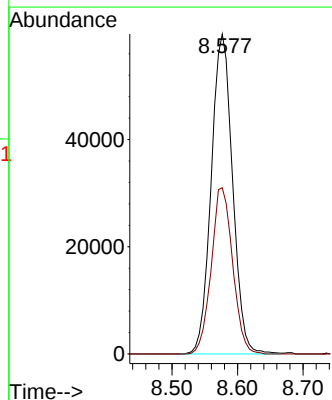
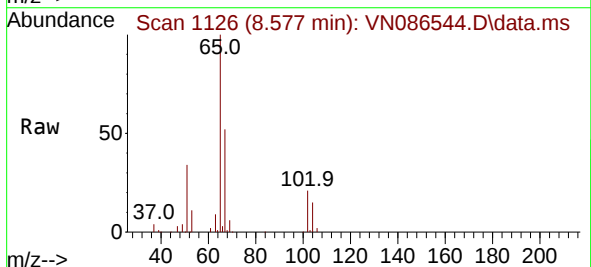


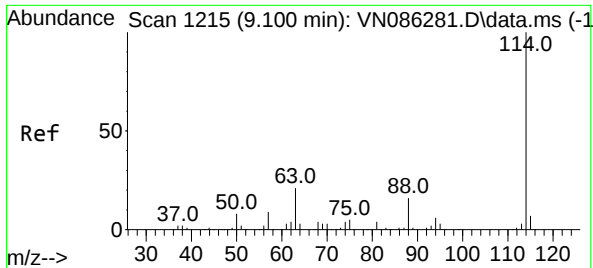
Tgt Ion:	84	Resp:	7925
Ion	Ratio	Lower	Upper
84	100		
49	112.3	98.2	147.2
51	32.2	29.8	44.6
86	71.9	52.0	78.0



#33
1,2-Dichloroethane-d4
Concen: 45.907 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN086544.D
Acq: 08 May 2025 14:36

Tgt Ion:	65	Resp:	134814
Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	106.0

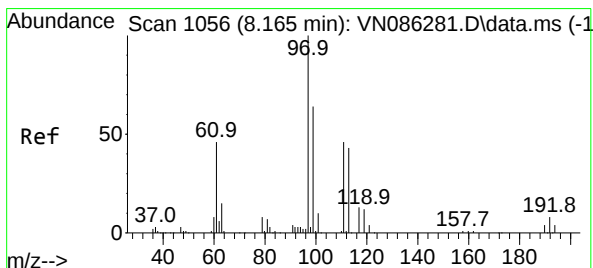
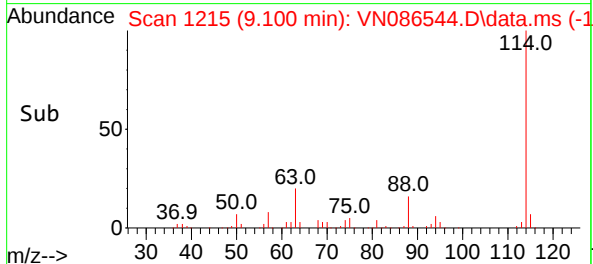
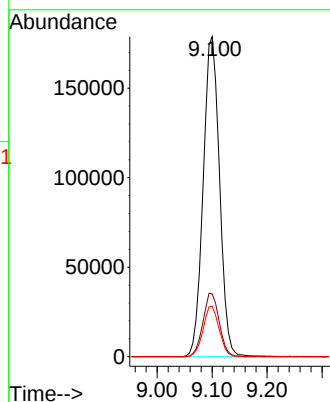
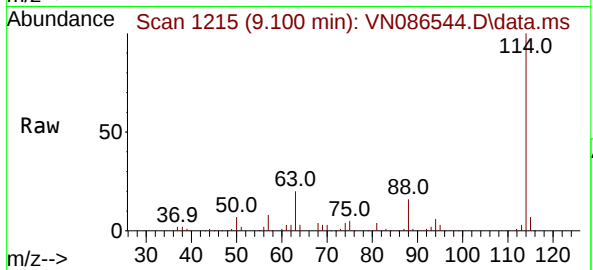




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN086544.D
Acq: 08 May 2025 14:36

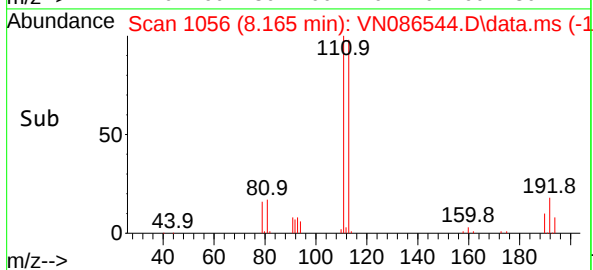
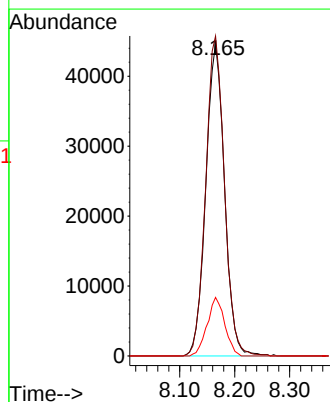
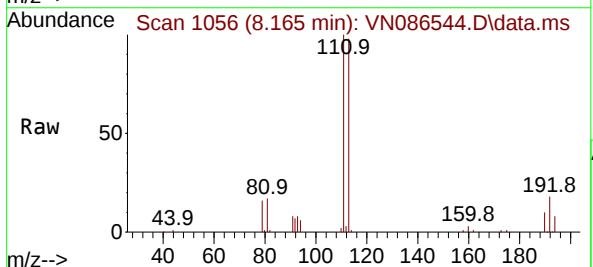
Instrument :
MSVOA_N
ClientSampleId :
PB167895ZHE#02

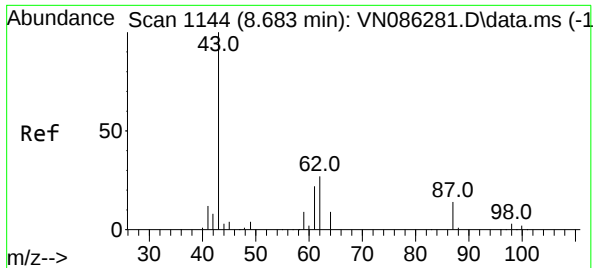
Tgt Ion:114 Resp: 369362
Ion Ratio Lower Upper
114 100
63 19.7 0.0 42.6
88 15.7 0.0 31.8



#35
Dibromofluoromethane
Concen: 61.619 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN086544.D
Acq: 08 May 2025 14:36

Tgt Ion:113 Resp: 105631
Ion Ratio Lower Upper
113 100
111 102.2 83.4 125.0
192 17.6 13.7 20.5

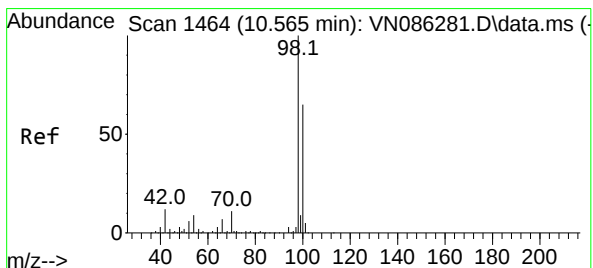
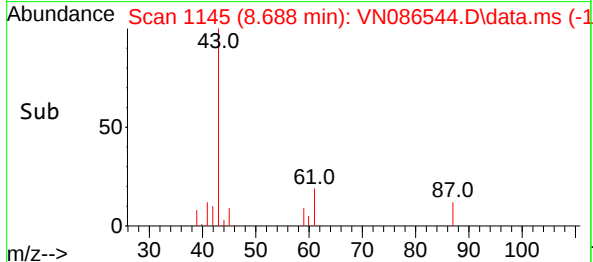
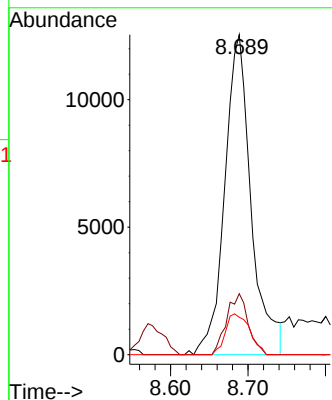
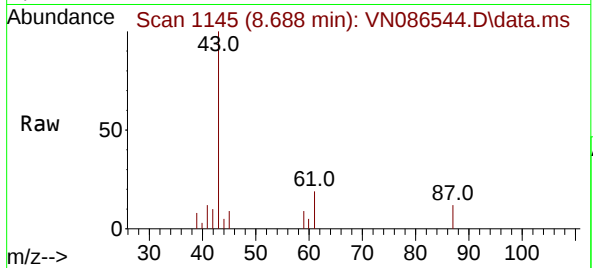




#43
Isopropyl Acetate
Concen: 2.788 ug/l
RT: 8.688 min Scan# 1144
Delta R.T. 0.005 min
Lab File: VN086544.D
Acq: 08 May 2025 14:36

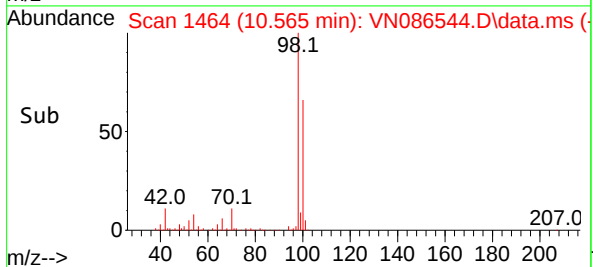
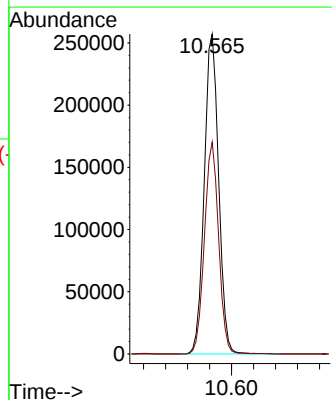
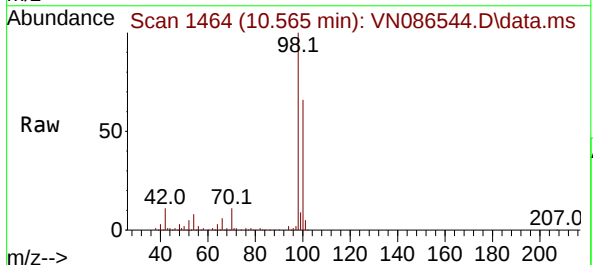
Instrument :
MSVOA_N
ClientSampleId :
PB167895ZHE#02

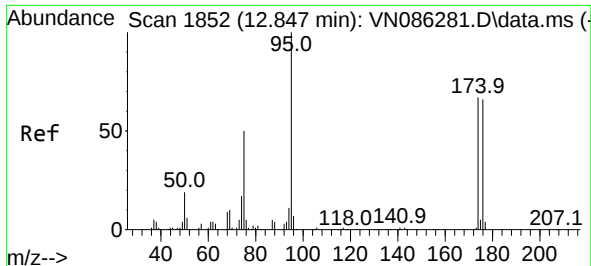
Tgt Ion: 43 Resp: 29755
Ion Ratio Lower Upper
43 100
61 15.6 20.5 30.7#
87 11.7 10.5 15.7



#50
Toluene-d8
Concen: 50.893 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN086544.D
Acq: 08 May 2025 14:36

Tgt Ion: 98 Resp: 466275
Ion Ratio Lower Upper
98 100
100 65.3 52.5 78.7

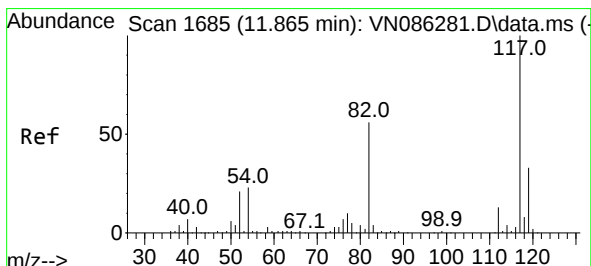
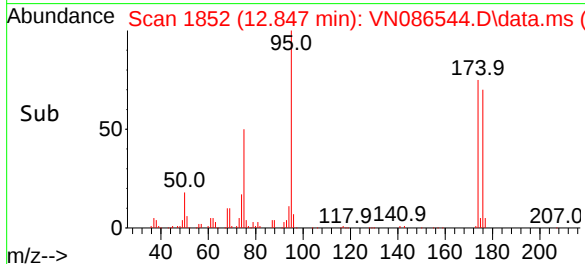
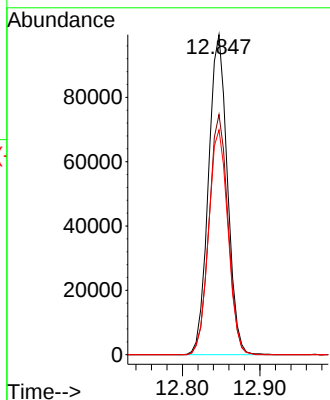
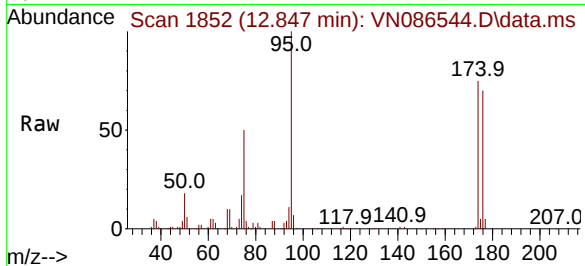




#62
4-Bromofluorobenzene
Concen: 50.416 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086544.D
Acq: 08 May 2025 14:36

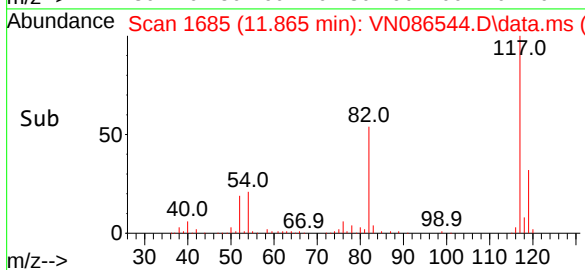
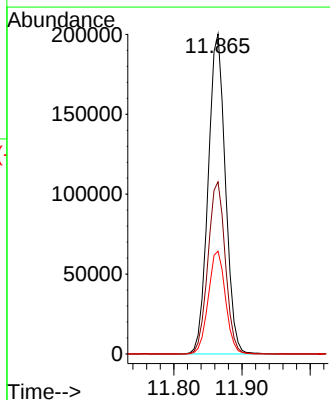
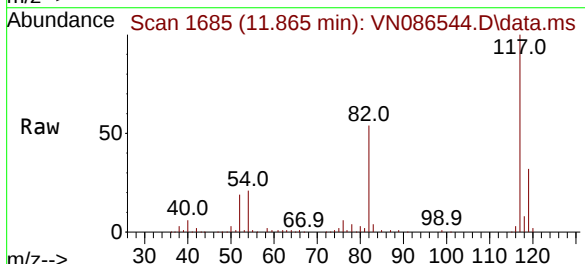
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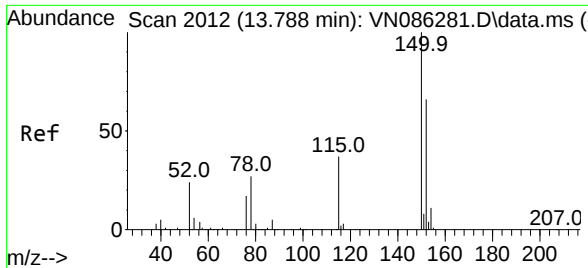
Tgt Ion: 95 Resp: 168476
Ion Ratio Lower Upper
95 100
174 75.3 0.0 133.4
176 71.8 0.0 129.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN086544.D
Acq: 08 May 2025 14:36

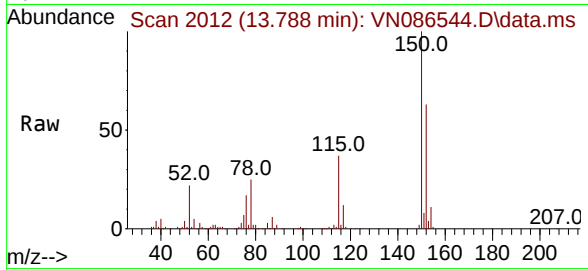
Tgt Ion: 117 Resp: 351871
Ion Ratio Lower Upper
117 100
82 53.8 44.7 67.1
119 32.1 26.4 39.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN086544.D
 Acq: 08 May 2025 14:36

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167895ZHE#02



Tgt Ion:152 Resp: 153642

Ion	Ratio	Lower	Upper
152	100		
115	60.0	31.9	95.9
150	158.3	0.0	352.0

