

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050825\
 Data File : VN086543.D
 Acq On : 08 May 2025 14:12
 Operator : JC\MD
 Sample : PB167895ZHE#01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167895ZHE#01

Quant Time: May 09 02:19:40 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)

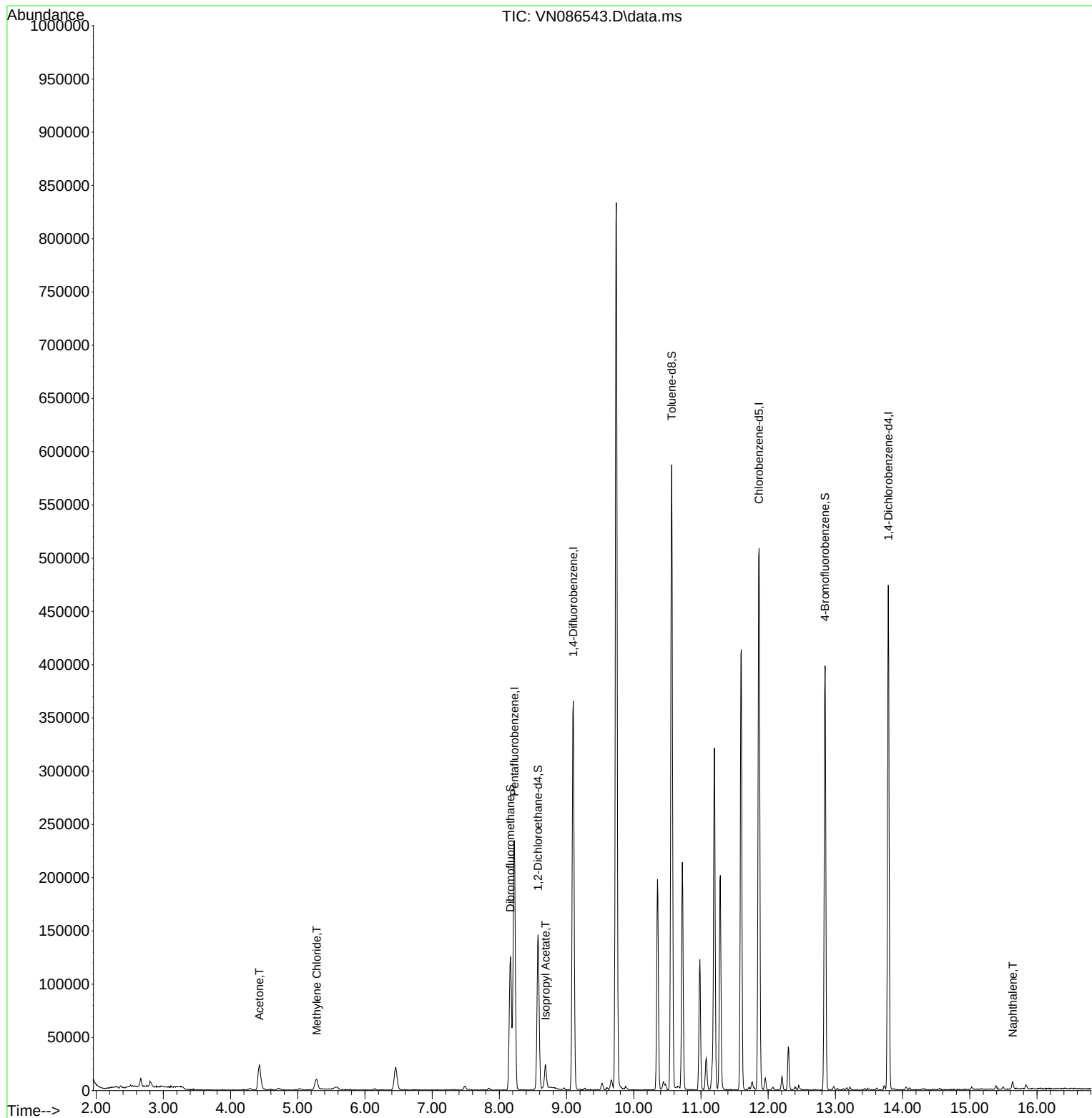
Internal Standards						
1) Pentafluorobenzene	8.224	168	182555	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	331928	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	307855	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	127819	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	121662	45.959	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	91.920%
35) Dibromofluoromethane	8.165	113	94955	61.638	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	123.280%
50) Toluene-d8	10.565	98	414749	50.375	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.740%
62) 4-Bromofluorobenzene	12.847	95	144597	48.150	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	96.300%
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	46012	45.607	ug/l	99
20) Methylene Chloride	5.283	84	7874	3.217	ug/l	89
43) Isopropyl Acetate	8.688	43	29482	3.267	ug/l #	89
95) Naphthalene	15.641	128	7660	1.069	ug/l #	94

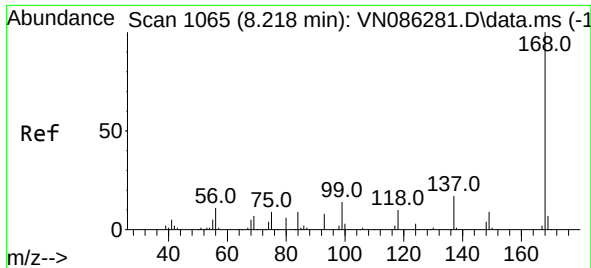
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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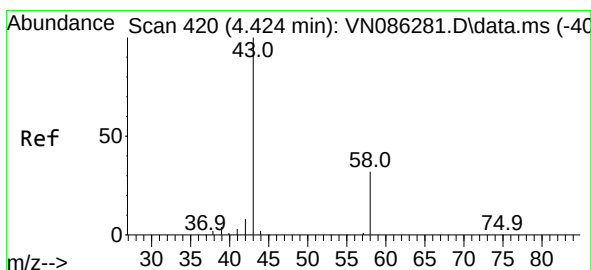
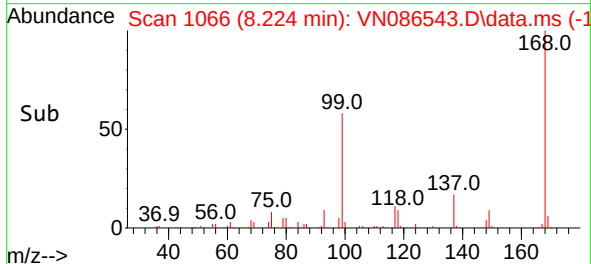
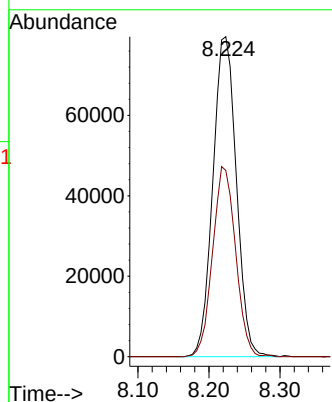
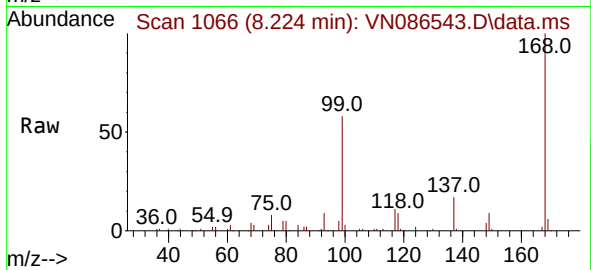




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN086543.D
Acq: 08 May 2025 14:12

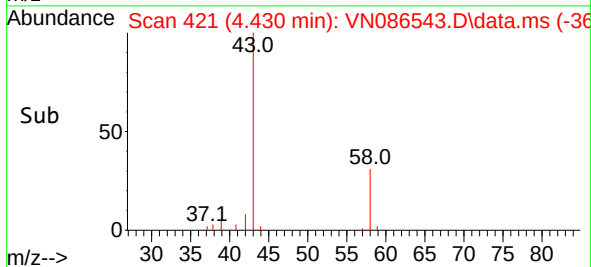
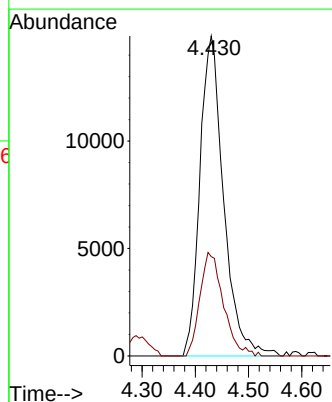
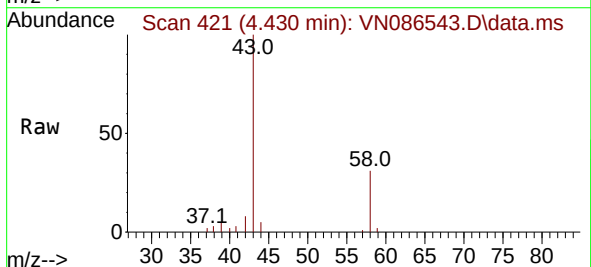
Instrument :
MSVOA_N
ClientSampleId :
PB167895ZHE#01

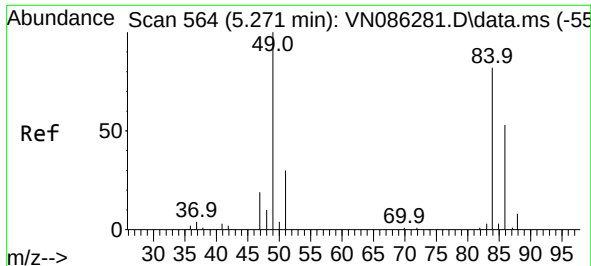
Tgt Ion:168 Resp: 182555
Ion Ratio Lower Upper
168 100
99 58.2 52.5 78.7



#16
Acetone
Concen: 45.607 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN086543.D
Acq: 08 May 2025 14:12

Tgt Ion: 43 Resp: 46012
Ion Ratio Lower Upper
43 100
58 31.0 25.3 37.9

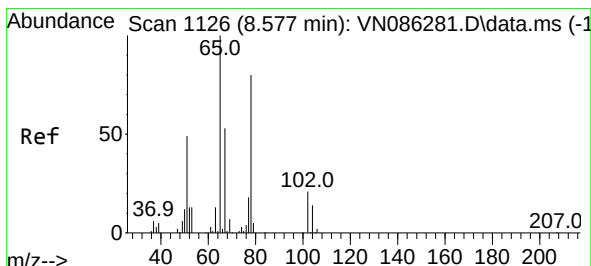
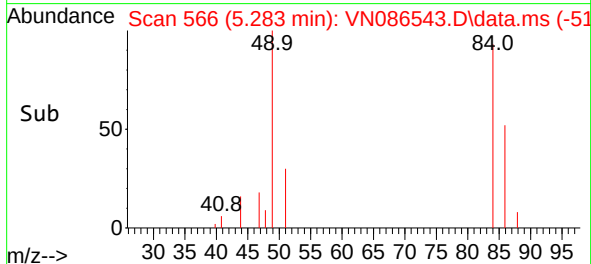
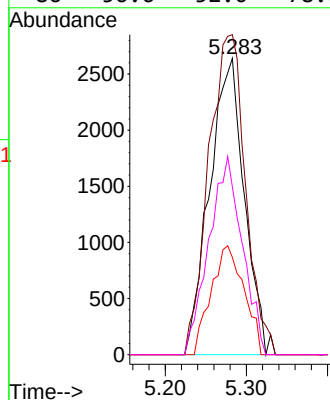
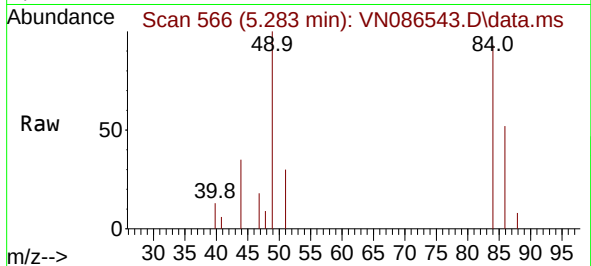




#20
Methylene Chloride
Concen: 3.217 ug/l
RT: 5.283 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN086543.D
Acq: 08 May 2025 14:12

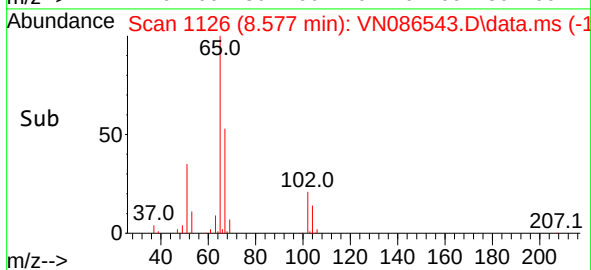
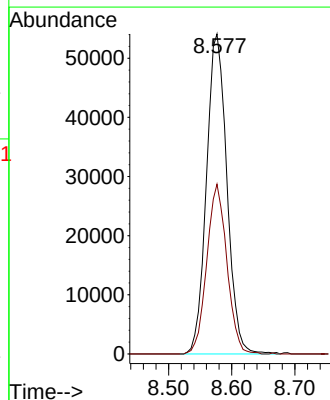
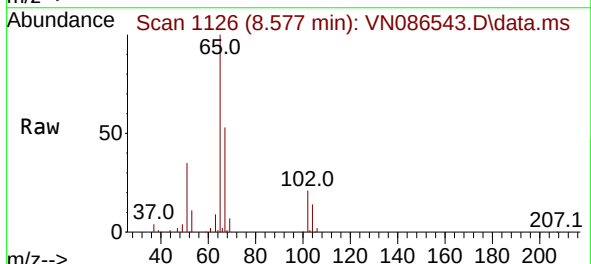
Instrument :
MSVOA_N
ClientSampleId :
PB167895ZHE#01

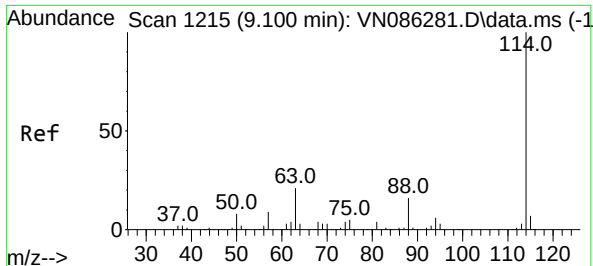
Tgt Ion: 84	Resp: 7874
Ion Ratio	Lower Upper
84 100	
49 108.0	98.2 147.2
51 32.8	29.8 44.6
86 56.6	52.0 78.0



#33
1,2-Dichloroethane-d4
Concen: 45.959 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN086543.D
Acq: 08 May 2025 14:12

Tgt Ion: 65	Resp: 121662
Ion Ratio	Lower Upper
65 100	
67 52.2	0.0 106.0

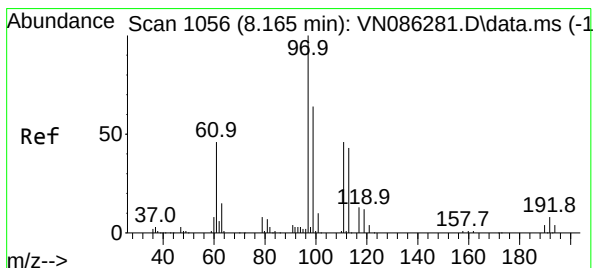
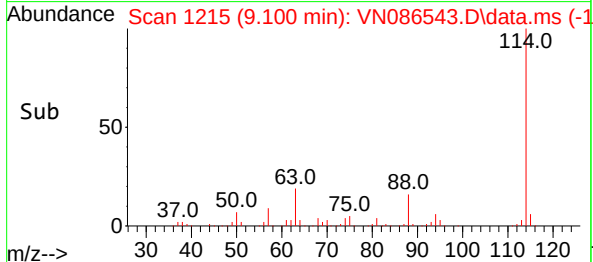
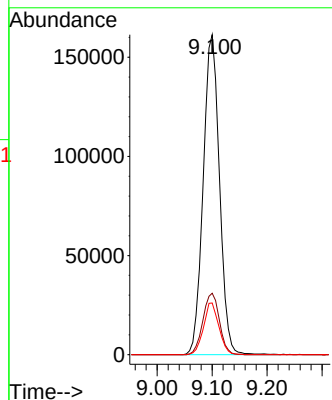
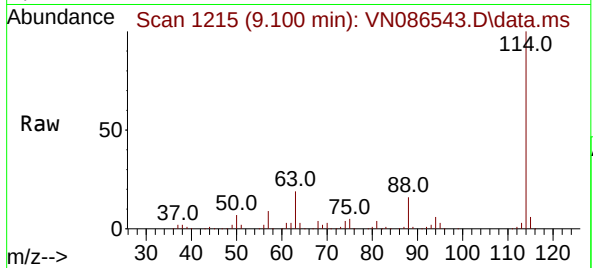




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN086543.D
Acq: 08 May 2025 14:12

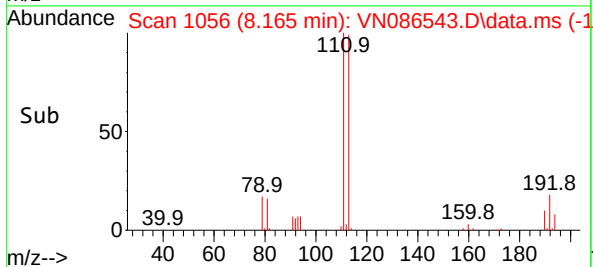
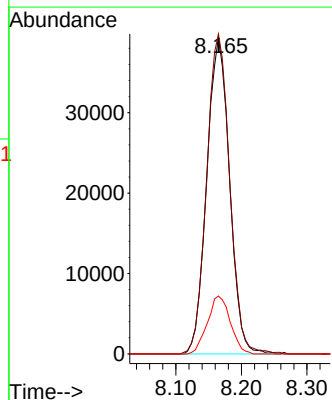
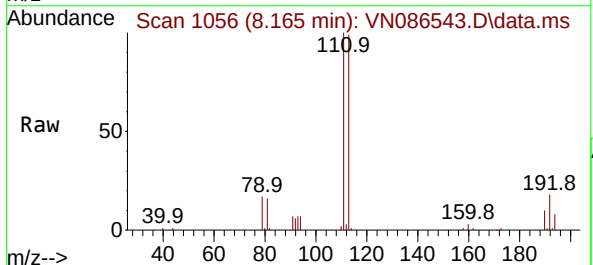
Instrument :
MSVOA_N
ClientSampleId :
PB167895ZHE#01

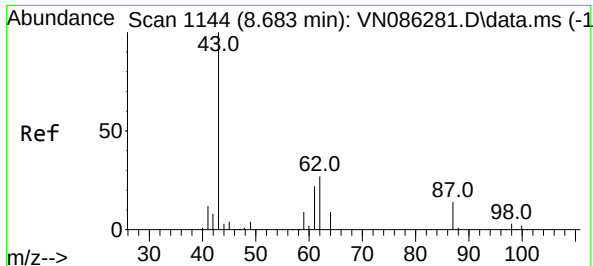
Tgt Ion:114 Resp: 331928
Ion Ratio Lower Upper
114 100
63 19.2 0.0 42.6
88 16.2 0.0 31.8



#35
Dibromofluoromethane
Concen: 61.638 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN086543.D
Acq: 08 May 2025 14:12

Tgt Ion:113 Resp: 94955
Ion Ratio Lower Upper
113 100
111 102.2 83.4 125.0
192 18.4 13.7 20.5

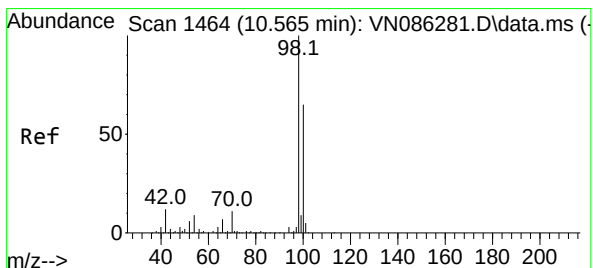
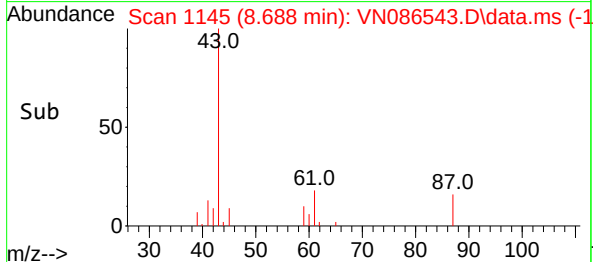
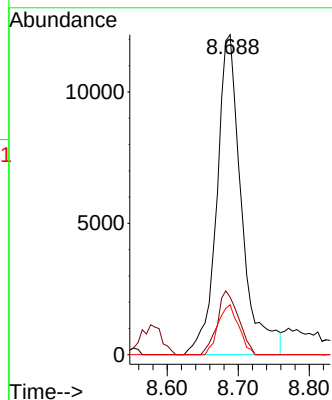
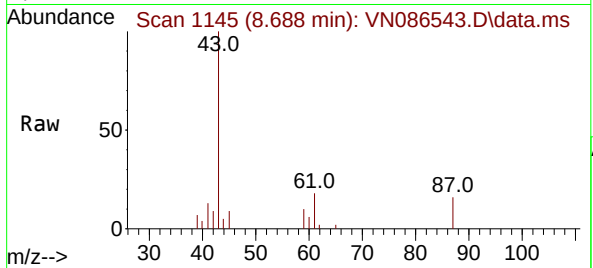




#43
Isopropyl Acetate
Concen: 3.267 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.005 min
Lab File: VN086543.D
Acq: 08 May 2025 14:12

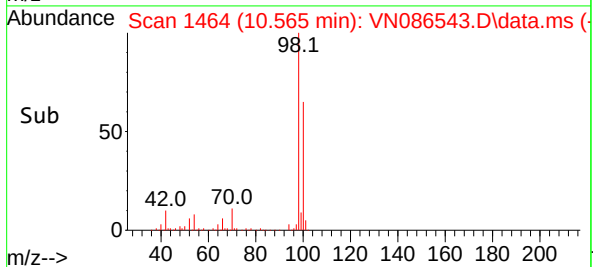
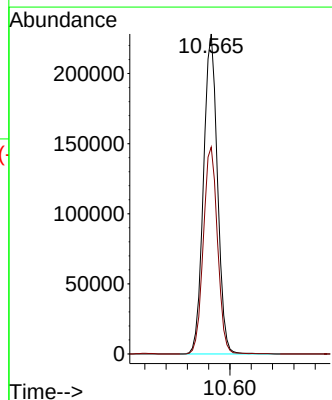
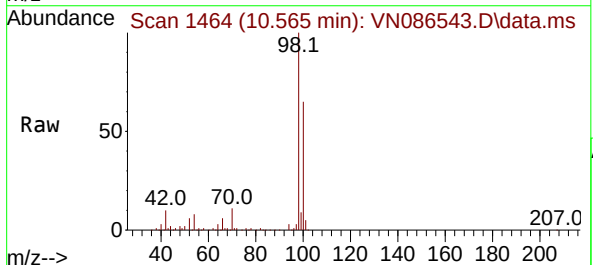
Instrument :
MSVOA_N
ClientSampleId :
PB167895ZHE#01

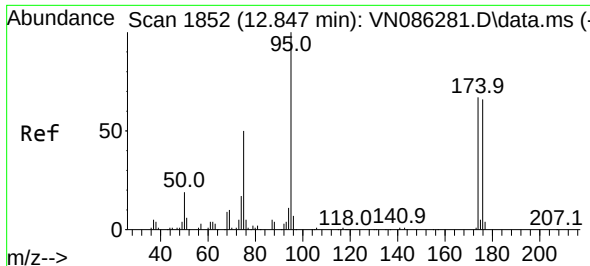
Tgt Ion: 43 Resp: 29482
Ion Ratio Lower Upper
43 100
61 17.2 20.5 30.7#
87 13.0 10.5 15.7



#50
Toluene-d8
Concen: 50.375 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN086543.D
Acq: 08 May 2025 14:12

Tgt Ion: 98 Resp: 414749
Ion Ratio Lower Upper
98 100
100 65.5 52.5 78.7

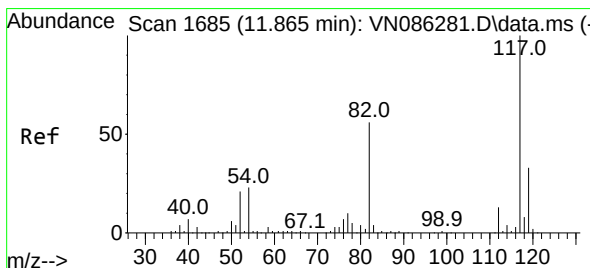
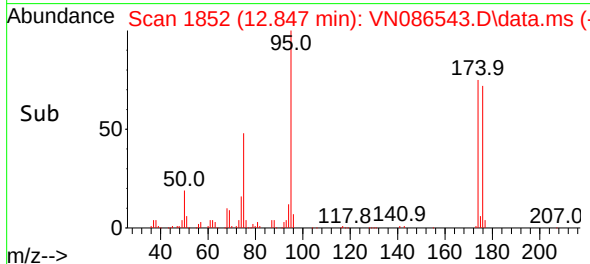
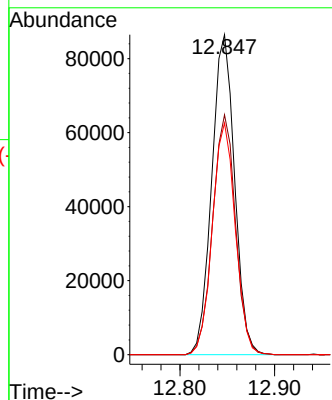
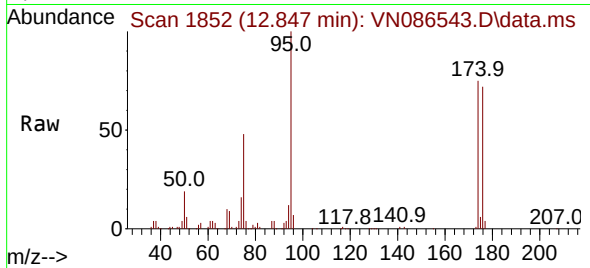




#62
4-Bromofluorobenzene
Concen: 48.150 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086543.D
Acq: 08 May 2025 14:12

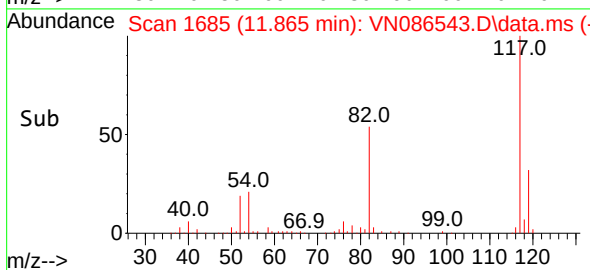
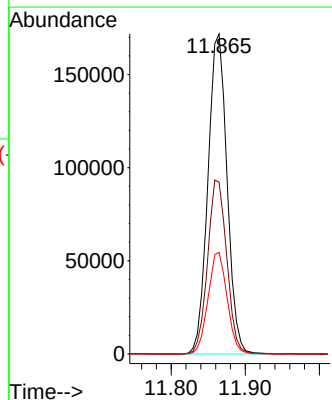
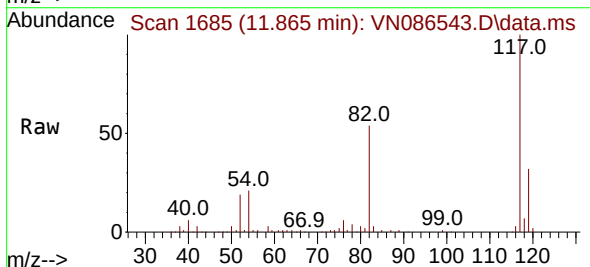
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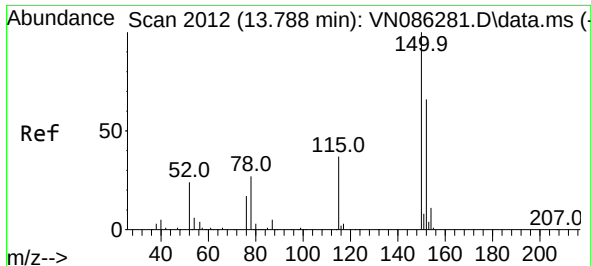
Tgt Ion: 95 Resp: 144597
Ion Ratio Lower Upper
95 100
174 75.2 0.0 133.4
176 72.9 0.0 129.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN086543.D
Acq: 08 May 2025 14:12

Tgt Ion: 117 Resp: 307855
Ion Ratio Lower Upper
117 100
82 53.7 44.7 67.1
119 31.8 26.4 39.6

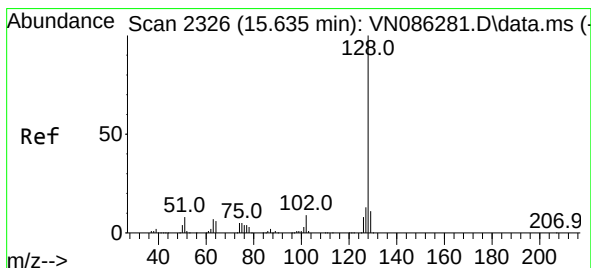
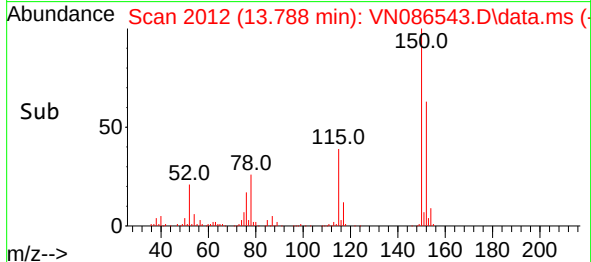
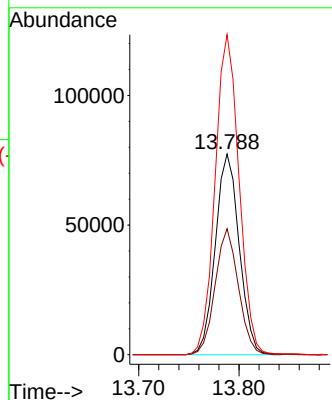
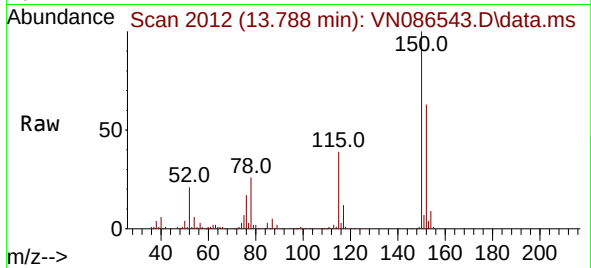




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN086543.D
Acq: 08 May 2025 14:12

Instrument :
MSVOA_N
ClientSampleId :
PB167895ZHE#01

Tgt Ion:152 Resp: 127819
Ion Ratio Lower Upper
152 100
115 61.0 31.9 95.9
150 159.9 0.0 352.0



#95
Naphthalene
Concen: 1.069 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.006 min
Lab File: VN086543.D
Acq: 08 May 2025 14:12

Tgt Ion:128 Resp: 7660
Ion Ratio Lower Upper
128 100
127 9.3 10.2 15.4#
129 9.9 8.6 13.0

