

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033125\
 Data File : VN086174.D
 Acq On : 31 Mar 2025 17:02
 Operator : JC\MD
 Sample : PB167360TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167360TB

Quant Time: Apr 01 01:37:59 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 19 03:20:56 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

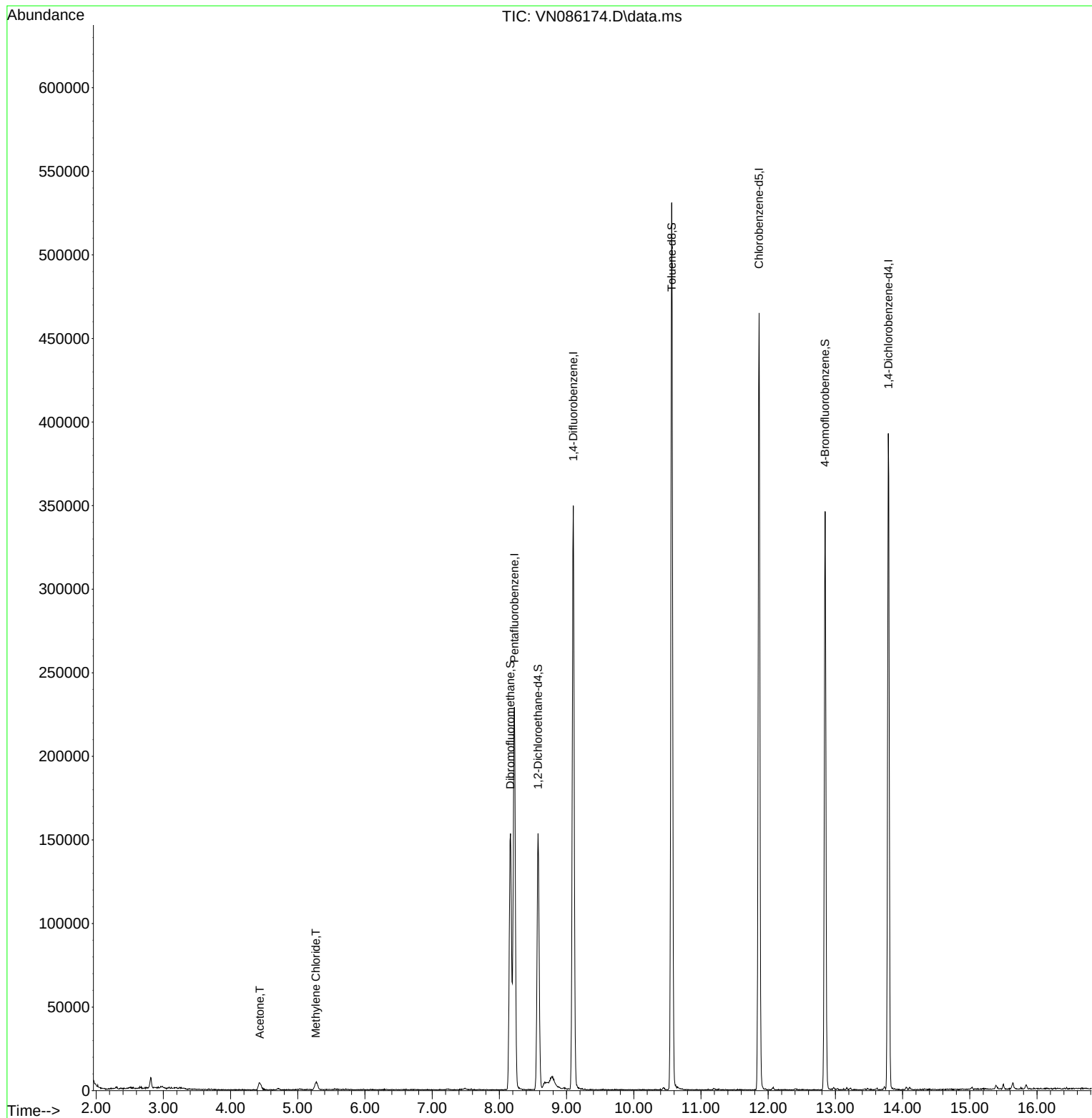
Internal Standards						
1) Pentafluorobenzene	8.224	168	168378	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	310082	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	279939	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	113187	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	125916	54.612	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.220%	
35) Dibromofluoromethane	8.165	113	113115	52.263	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.520%	
50) Toluene-d8	10.565	98	376809	47.970	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 95.940%	
62) 4-Bromofluorobenzene	12.847	95	121657	43.428	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 86.860%	
Target Compounds						Qvalue
16) Acetone	4.436	43	8736	12.402	ug/l	91
20) Methylene Chloride	5.271	84	3856	1.871	ug/l #	94

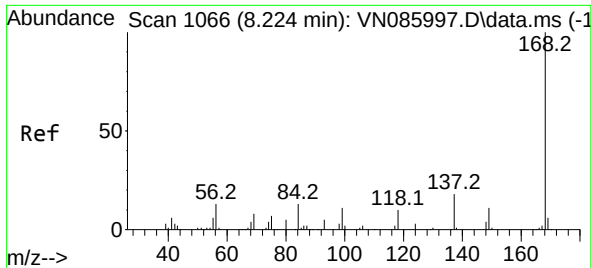
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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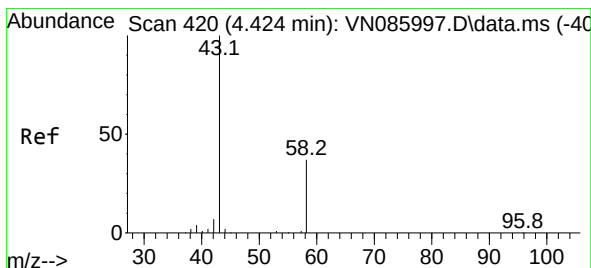
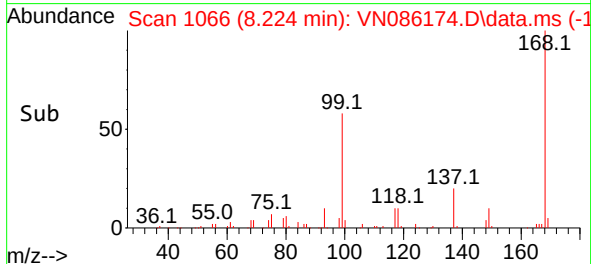
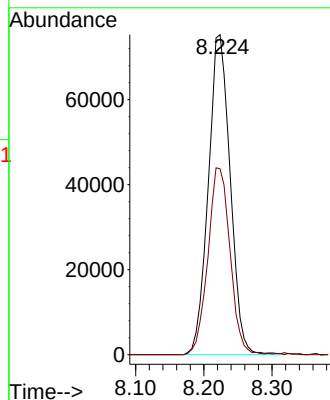
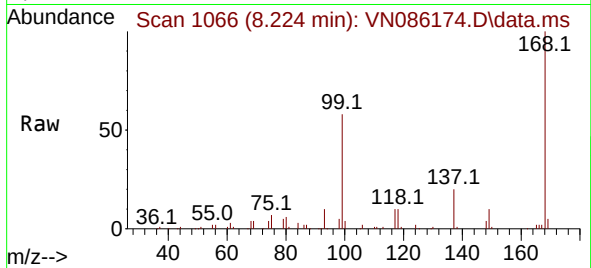




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086174.D
Acq: 31 Mar 2025 17:02

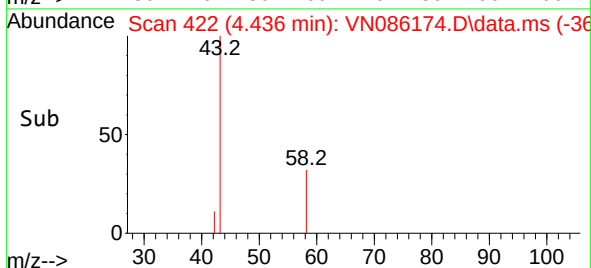
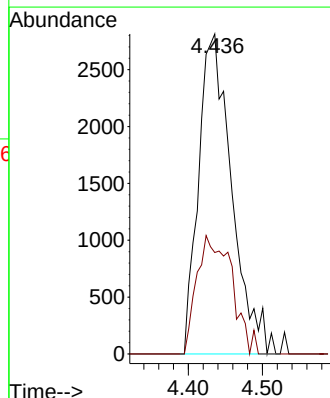
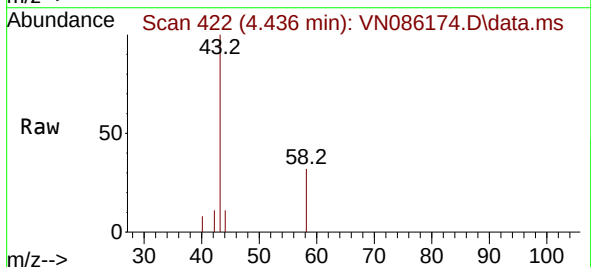
Instrument :
MSVOA_N
ClientSampleId :
PB167360TB

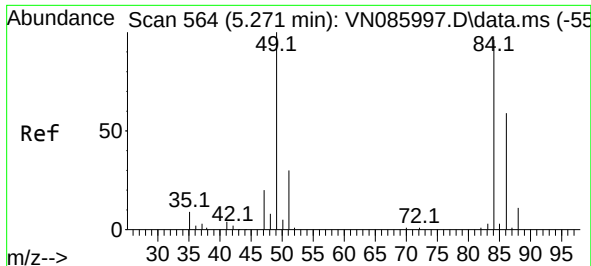
Tgt Ion:168 Resp: 168378
Ion Ratio Lower Upper
168 100
99 58.1 49.4 74.2



#16
Acetone
Concen: 12.402 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN086174.D
Acq: 31 Mar 2025 17:02

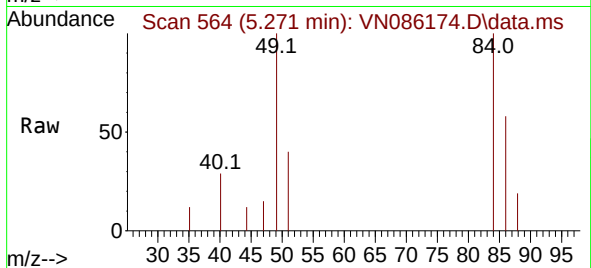
Tgt Ion: 43 Resp: 8736
Ion Ratio Lower Upper
43 100
58 31.7 29.4 44.2



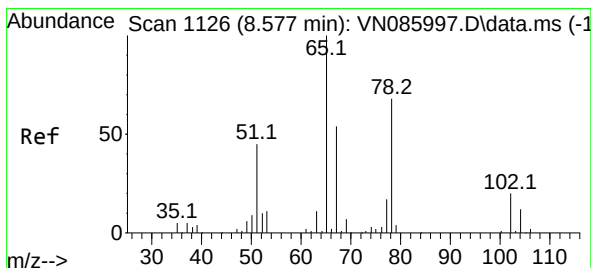
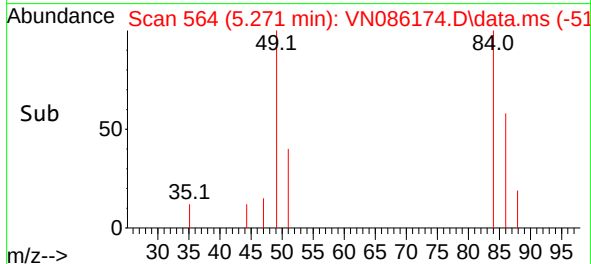
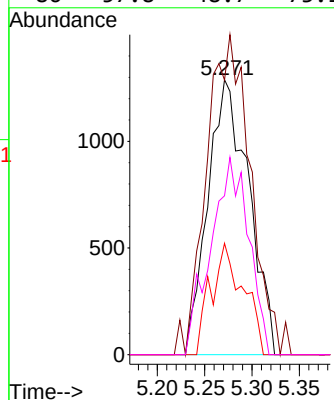


#20
Methylene Chloride
Concen: 1.871 ug/l
RT: 5.271 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN086174.D
Acq: 31 Mar 2025 17:02

Instrument :
MSVOA_N
ClientSampleId :
PB167360TB

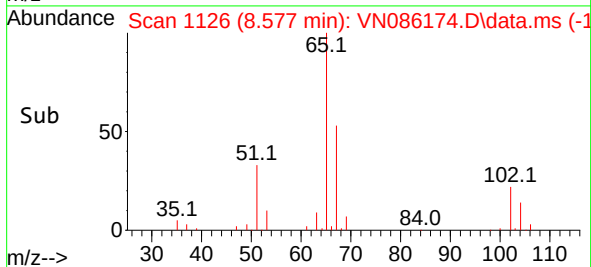
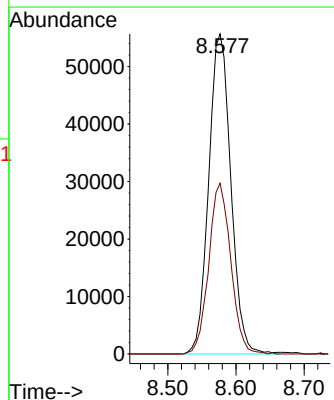
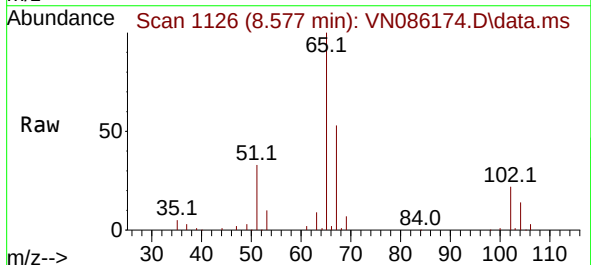


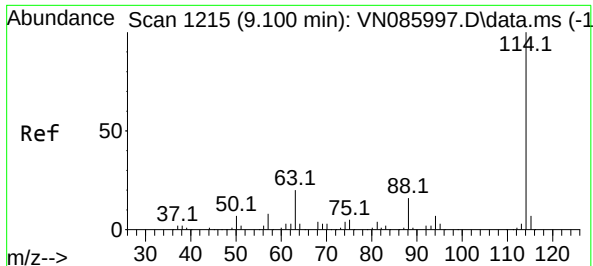
Tgt Ion: 84	Resp:	3856	
Ion	Ratio	Lower	Upper
84	100		
49	99.8	83.3	124.9
51	40.5	24.8	37.2#
86	57.8	48.7	73.1



#33
1,2-Dichloroethane-d4
Concen: 54.612 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086174.D
Acq: 31 Mar 2025 17:02

Tgt Ion:	65	Resp:	125916
Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	102.2

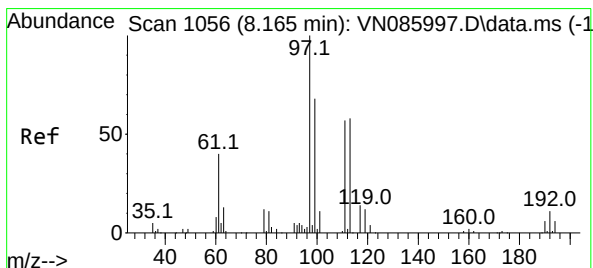
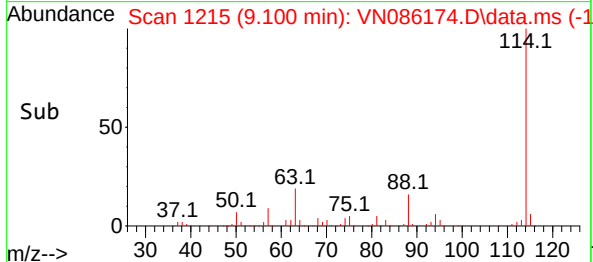
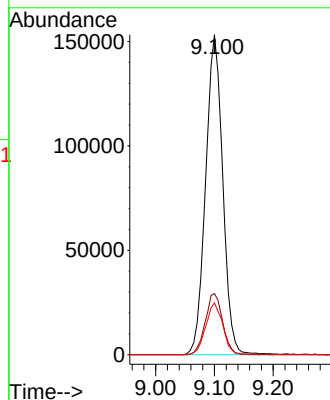
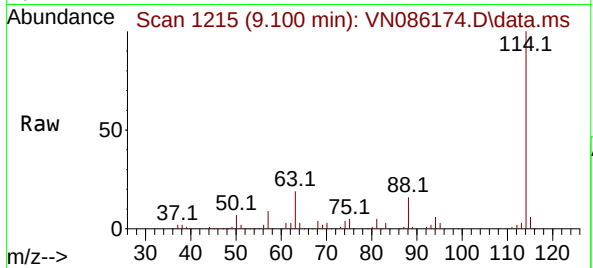




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086174.D
Acq: 31 Mar 2025 17:02

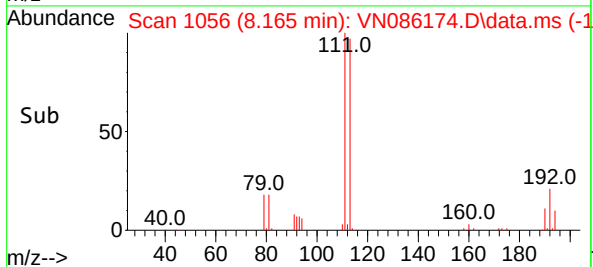
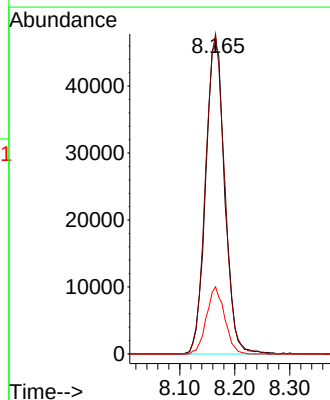
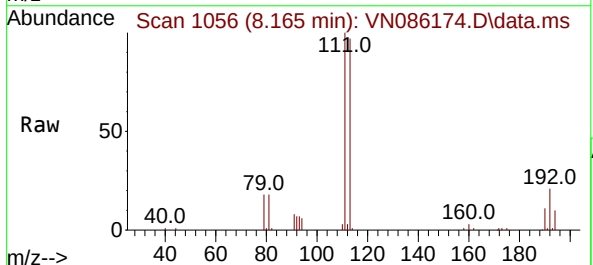
Instrument :
MSVOA_N
ClientSampleId :
PB167360TB

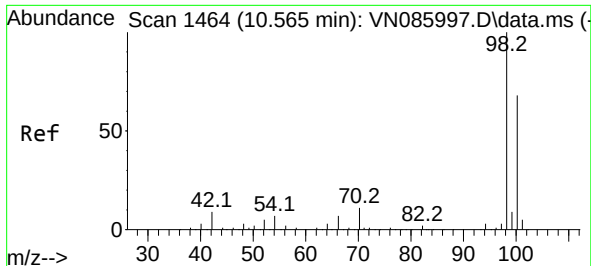
Tgt Ion:114 Resp: 310082
Ion Ratio Lower Upper
114 100
63 19.1 0.0 39.6
88 16.2 0.0 32.6



#35
Dibromofluoromethane
Concen: 52.263 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086174.D
Acq: 31 Mar 2025 17:02

Tgt Ion:113 Resp: 113115
Ion Ratio Lower Upper
113 100
111 101.1 81.8 122.8
192 20.3 15.9 23.9

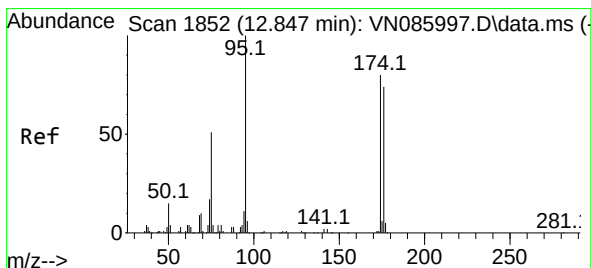
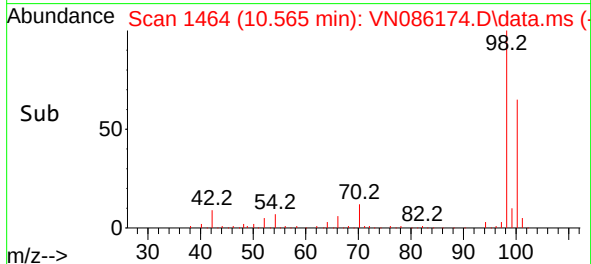
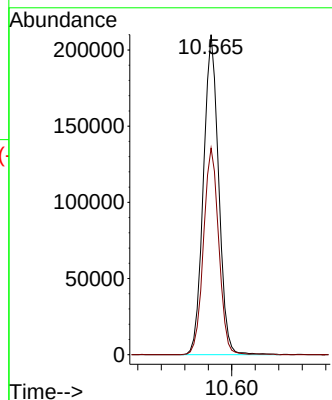
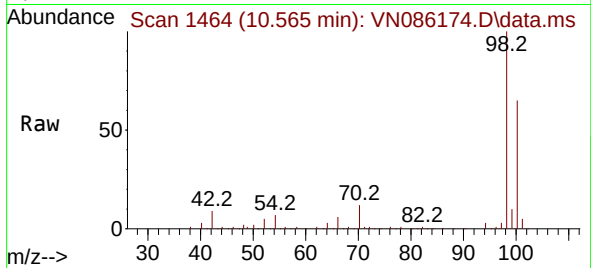




#50
Toluene-d8
Concen: 47.970 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086174.D
Acq: 31 Mar 2025 17:02

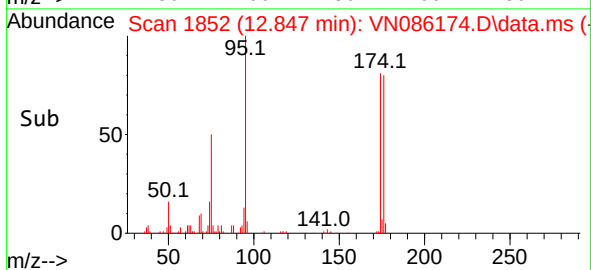
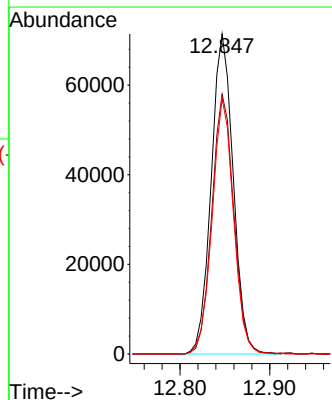
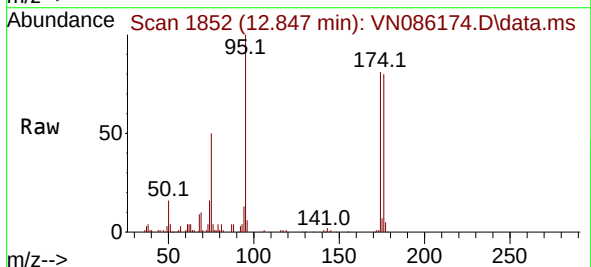
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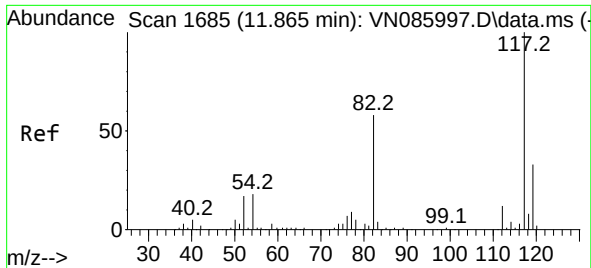
Tgt Ion: 98 Resp: 376809
Ion Ratio Lower Upper
98 100
100 64.7 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 43.428 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086174.D
Acq: 31 Mar 2025 17:02

Tgt Ion: 95 Resp: 121657
Ion Ratio Lower Upper
95 100
174 81.0 0.0 156.8
176 77.4 0.0 152.2

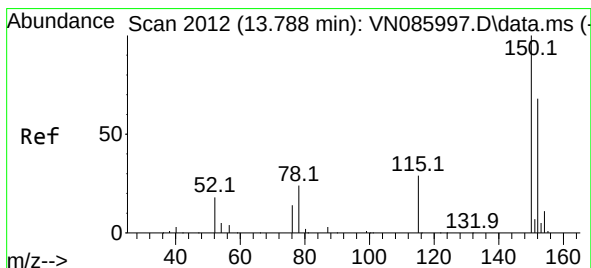
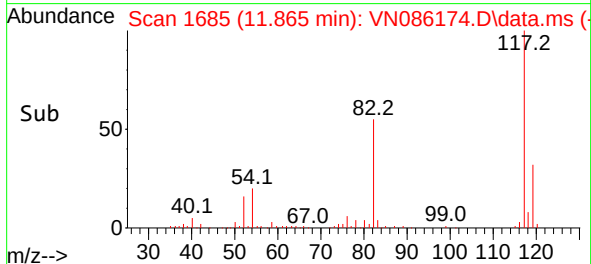
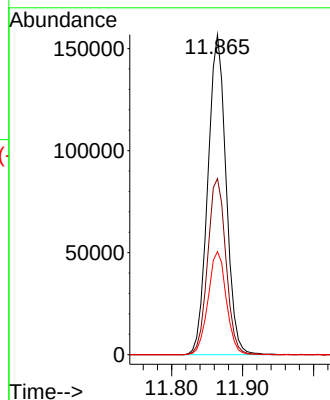
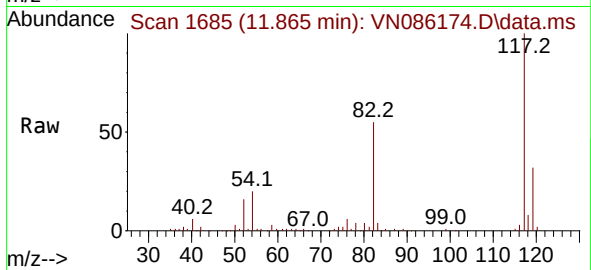




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086174.D
Acq: 31 Mar 2025 17:02

Instrument :
MSVOA_N
ClientSampleId :
PB167360TB

Tgt Ion:117 Resp: 279939
Ion Ratio Lower Upper
117 100
82 55.0 46.7 70.1
119 32.2 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086174.D
Acq: 31 Mar 2025 17:02

Tgt Ion:152 Resp: 113187
Ion Ratio Lower Upper
152 100
115 59.7 31.1 93.2
150 158.3 0.0 359.6

