

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033125\
 Data File : VN086179.D
 Acq On : 31 Mar 2025 19:03
 Operator : JC\MD
 Sample : PB167374ZHE#03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167374ZHE#03

Quant Time: Apr 01 01:39:35 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)

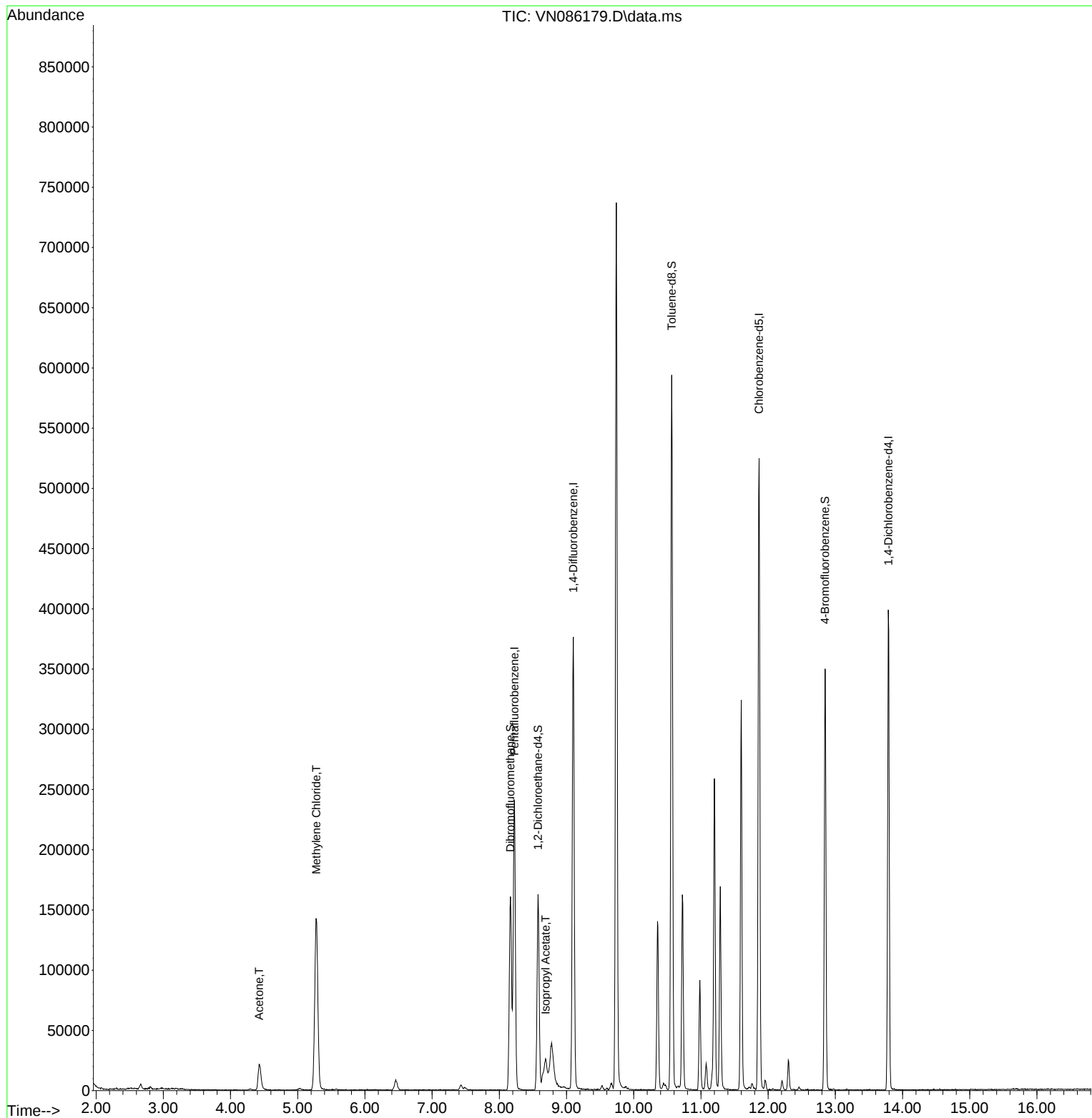
Internal Standards						
1) Pentafluorobenzene	8.224	168	174455	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	332835	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	320068	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	116168	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	132301	55.382	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	110.760%	
35) Dibromofluoromethane	8.165	113	118202	50.880	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	101.760%	
50) Toluene-d8	10.565	98	432568	51.304	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	102.600%	
62) 4-Bromofluorobenzene	12.847	95	122878	40.865	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	81.740%	
Target Compounds						
						Qvalue
16) Acetone	4.424	43	41525	56.897	ug/l	95
20) Methylene Chloride	5.277	84	123525	57.856	ug/l	98
43) Isopropyl Acetate	8.688	43	35697	6.383	ug/l #	65

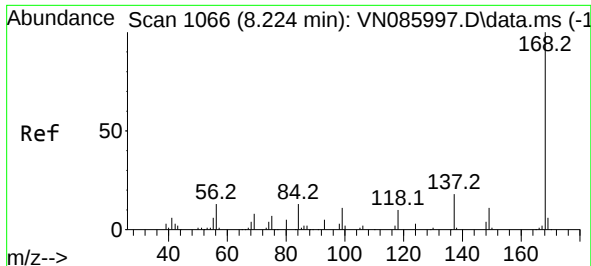
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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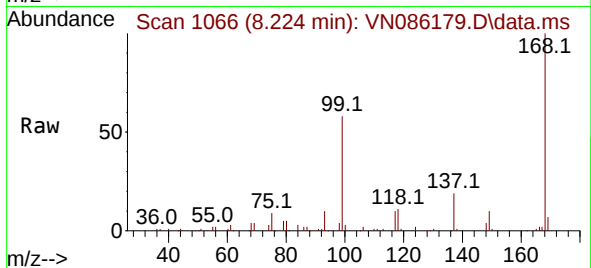
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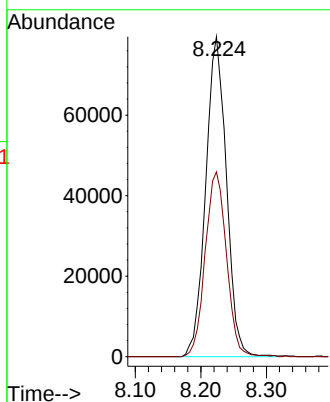
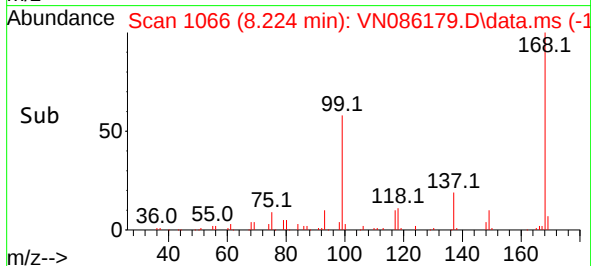


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086179.D
Acq: 31 Mar 2025 19:03

Instrument :
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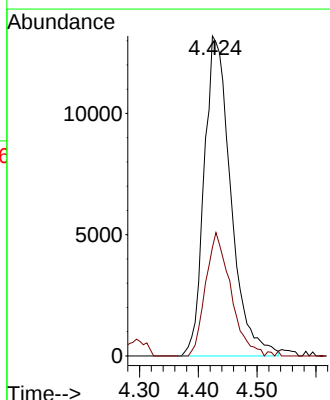
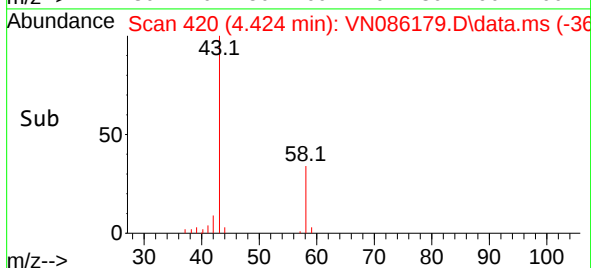
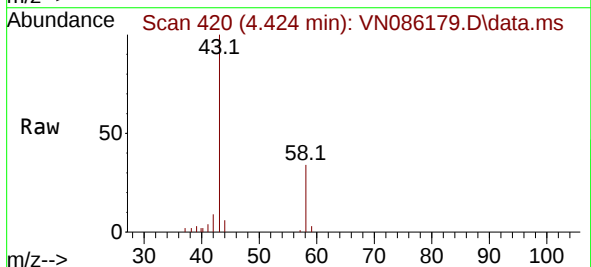


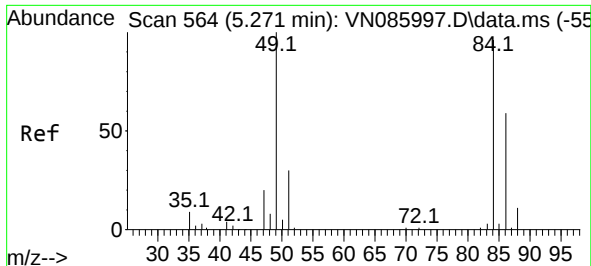
Tgt Ion:168 Resp: 174455
Ion Ratio Lower Upper
168 100
99 57.7 49.4 74.2



#16
Acetone
Concen: 56.897 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN086179.D
Acq: 31 Mar 2025 19:03

Tgt Ion: 43 Resp: 41525
Ion Ratio Lower Upper
43 100
58 34.0 29.4 44.2

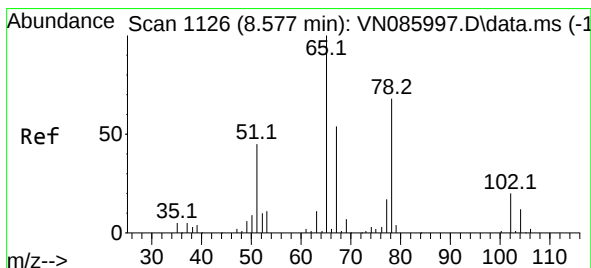
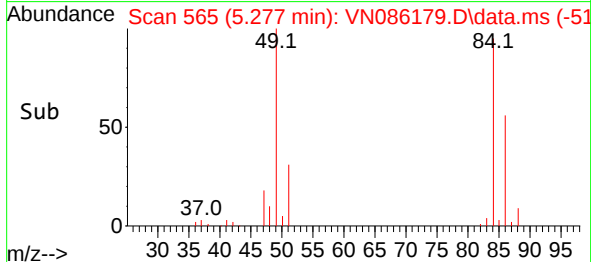
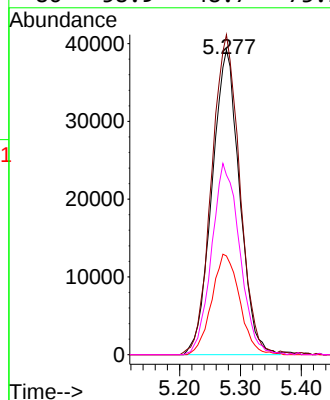
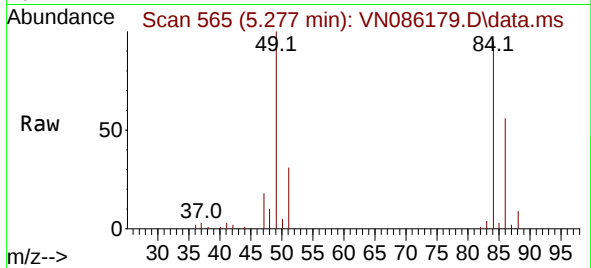




#20
Methylene Chloride
Concen: 57.856 ug/l
RT: 5.277 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN086179.D
Acq: 31 Mar 2025 19:03

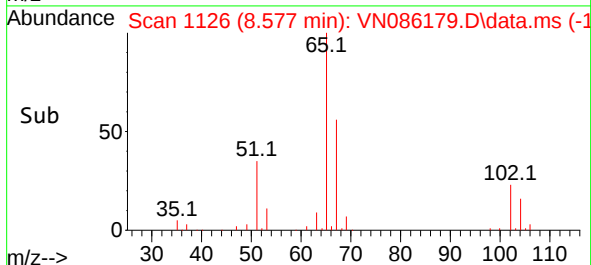
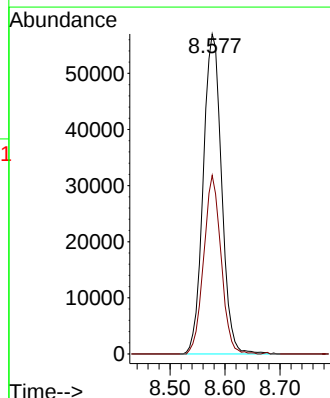
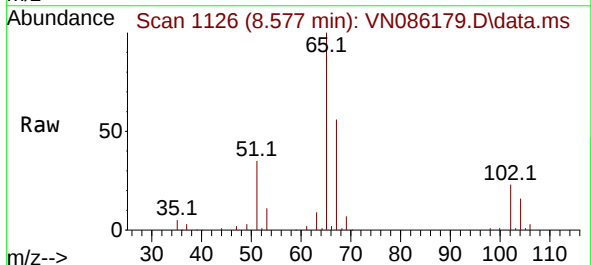
Instrument :
MSVOA_N
ClientSampleId :
PB167374ZHE#03

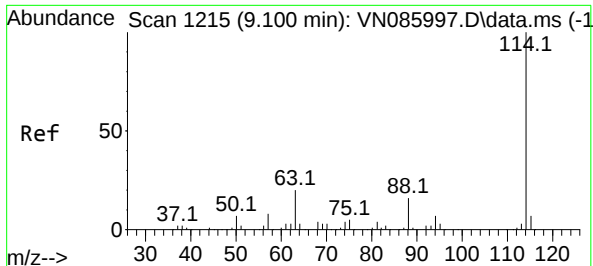
Tgt Ion: 84	Resp: 123525		
Ion	Ratio	Lower	Upper
84	100		
49	105.0	83.3	124.9
51	32.4	24.8	37.2
86	58.9	48.7	73.1



#33
1,2-Dichloroethane-d4
Concen: 55.382 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086179.D
Acq: 31 Mar 2025 19:03

Tgt Ion: 65	Resp: 132301
Ion Ratio	Lower Upper
65 100	
67 52.7	0.0 102.2

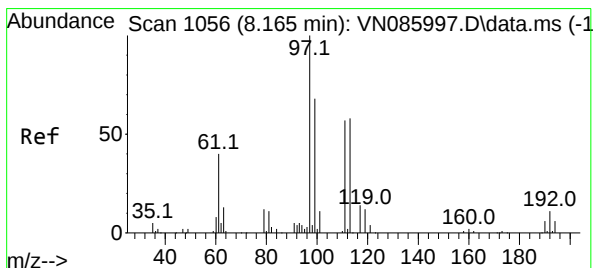
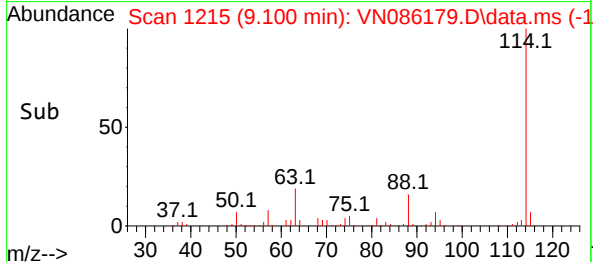
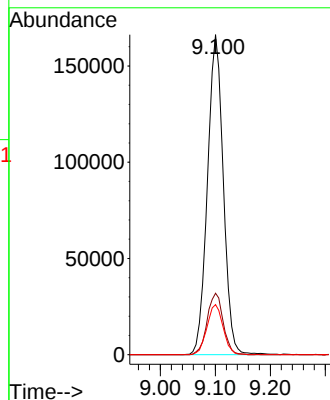
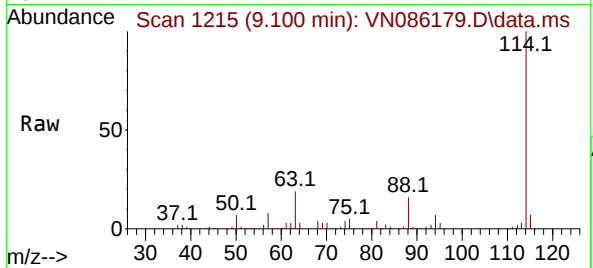




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086179.D
Acq: 31 Mar 2025 19:03

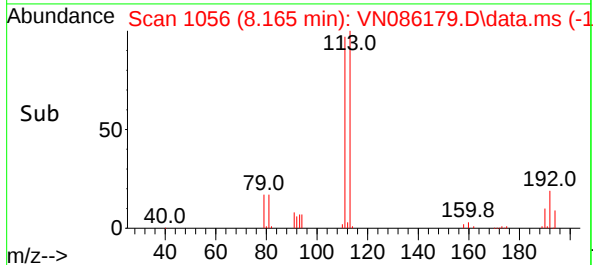
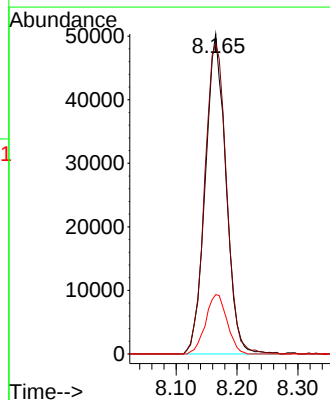
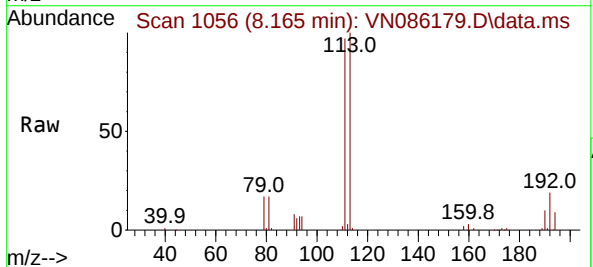
Instrument :
MSVOA_N
ClientSampleId :
PB167374ZHE#03

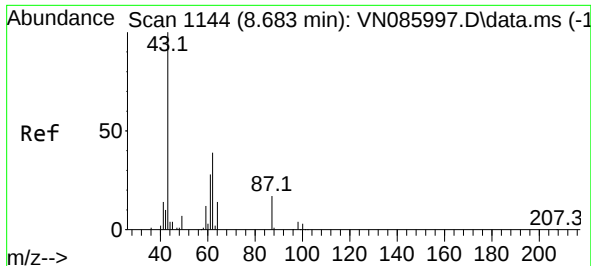
Tgt Ion:114 Resp: 332835
Ion Ratio Lower Upper
114 100
63 19.2 0.0 39.6
88 15.7 0.0 32.6



#35
Dibromofluoromethane
Concen: 50.880 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086179.D
Acq: 31 Mar 2025 19:03

Tgt Ion:113 Resp: 118202
Ion Ratio Lower Upper
113 100
111 102.6 81.8 122.8
192 19.3 15.9 23.9

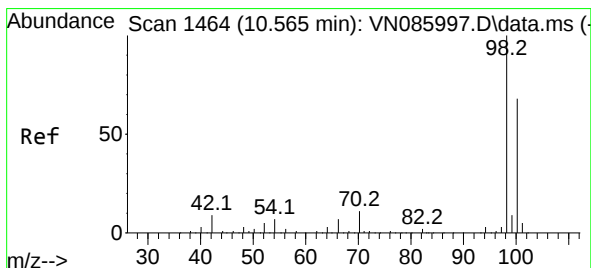
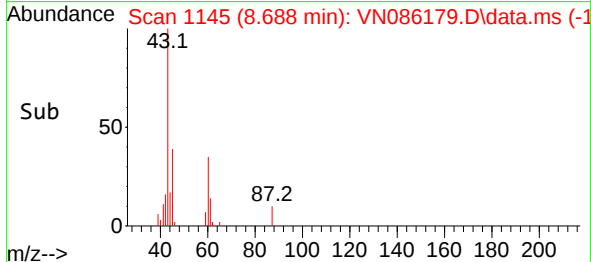
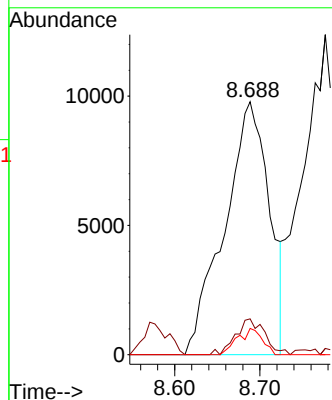
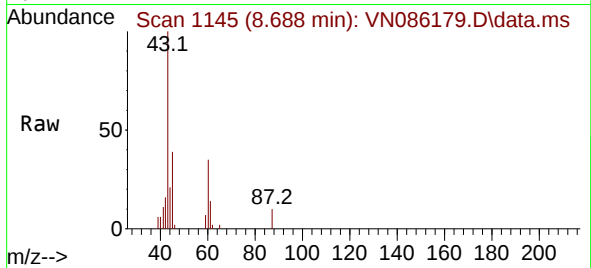




#43
Isopropyl Acetate
Concen: 6.383 ug/l
RT: 8.688 min Scan# 1144
Delta R.T. 0.006 min
Lab File: VN086179.D
Acq: 31 Mar 2025 19:03

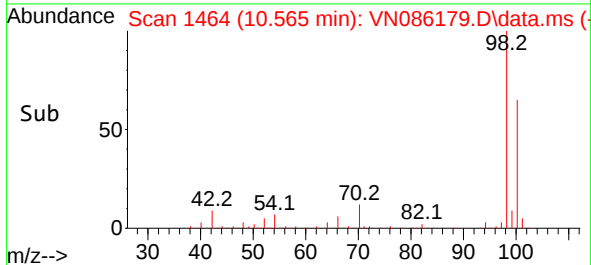
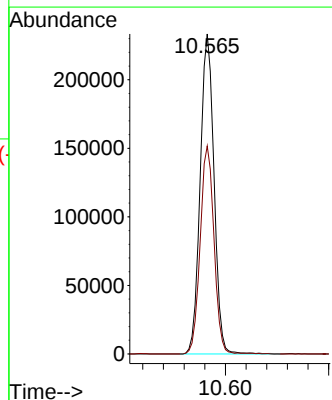
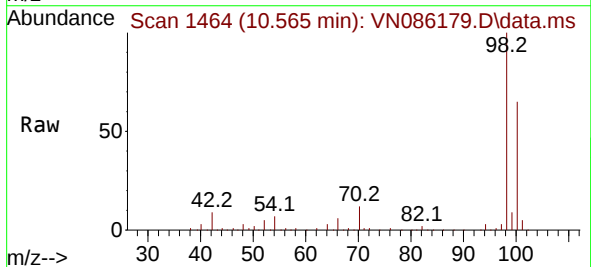
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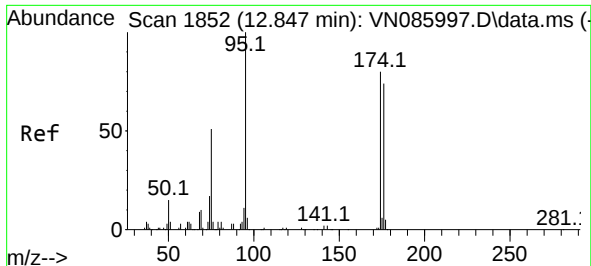
Tgt Ion: 43 Resp: 35697
Ion Ratio Lower Upper
43 100
61 9.2 25.0 37.6#
87 5.7 13.0 19.4#



#50
Toluene-d8
Concen: 51.304 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086179.D
Acq: 31 Mar 2025 19:03

Tgt Ion: 98 Resp: 432568
Ion Ratio Lower Upper
98 100
100 65.1 53.1 79.7

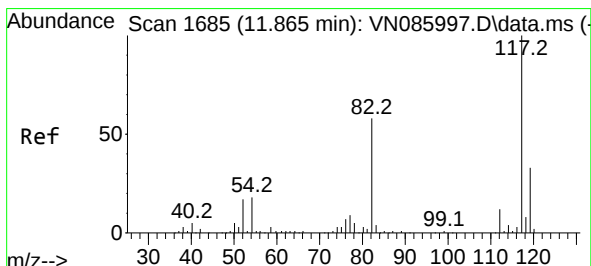
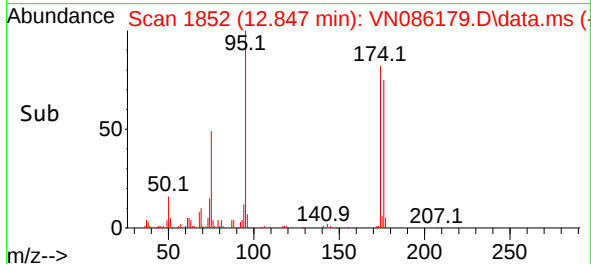
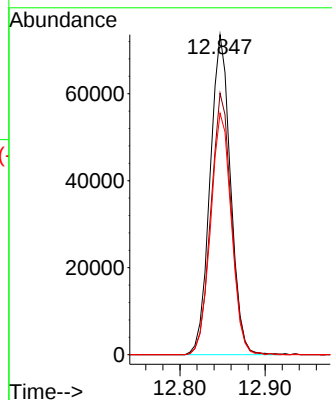
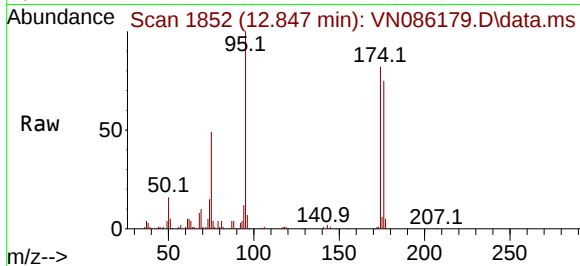




#62
4-Bromofluorobenzene
Concen: 40.865 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086179.D
Acq: 31 Mar 2025 19:03

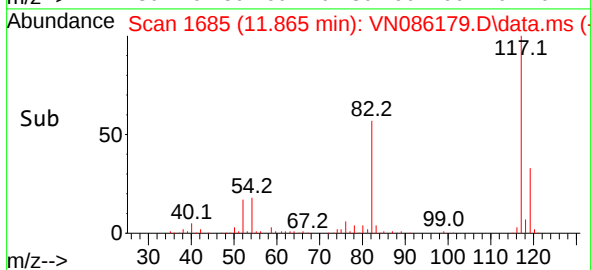
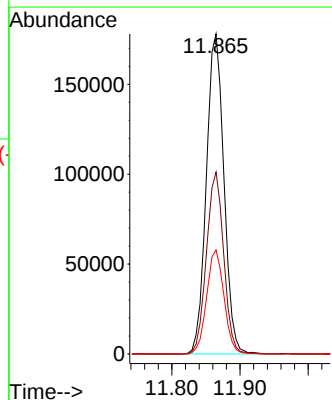
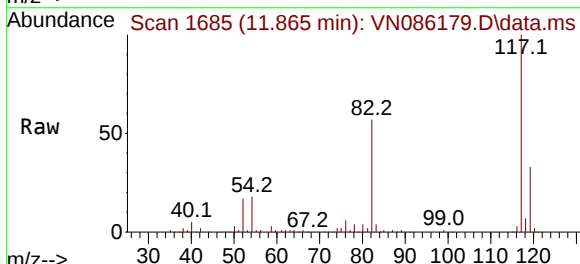
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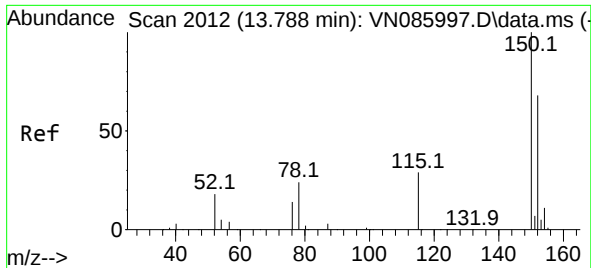
Tgt Ion: 95 Resp: 122878
Ion Ratio Lower Upper
95 100
174 82.2 0.0 156.8
176 76.6 0.0 152.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086179.D
Acq: 31 Mar 2025 19:03

Tgt Ion: 117 Resp: 320068
Ion Ratio Lower Upper
117 100
82 56.8 46.7 70.1
119 32.5 26.5 39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 20

Delta R.T. -0.000 min

Lab File: VN086179.D

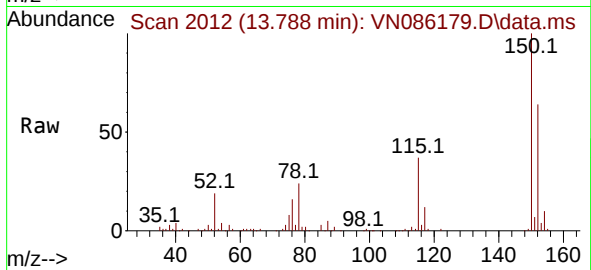
Acq: 31 Mar 2025 19:03

Instrument :

MSVOA_N

ClientSampleId :

PB167374ZHE#03



Tgt Ion:152 Resp: 116168

Ion Ratio Lower Upper

152 100

115 58.7 31.1 93.2

150 156.3 0.0 359.6

