

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031125\
 Data File : VN085938.D
 Acq On : 11 Mar 2025 17:52
 Operator : JC\MD
 Sample : PB167050ZHE#05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167050ZHE#05

Quant Time: Mar 12 01:25:59 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:43:32 2025
 Response via : Initial Calibration

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

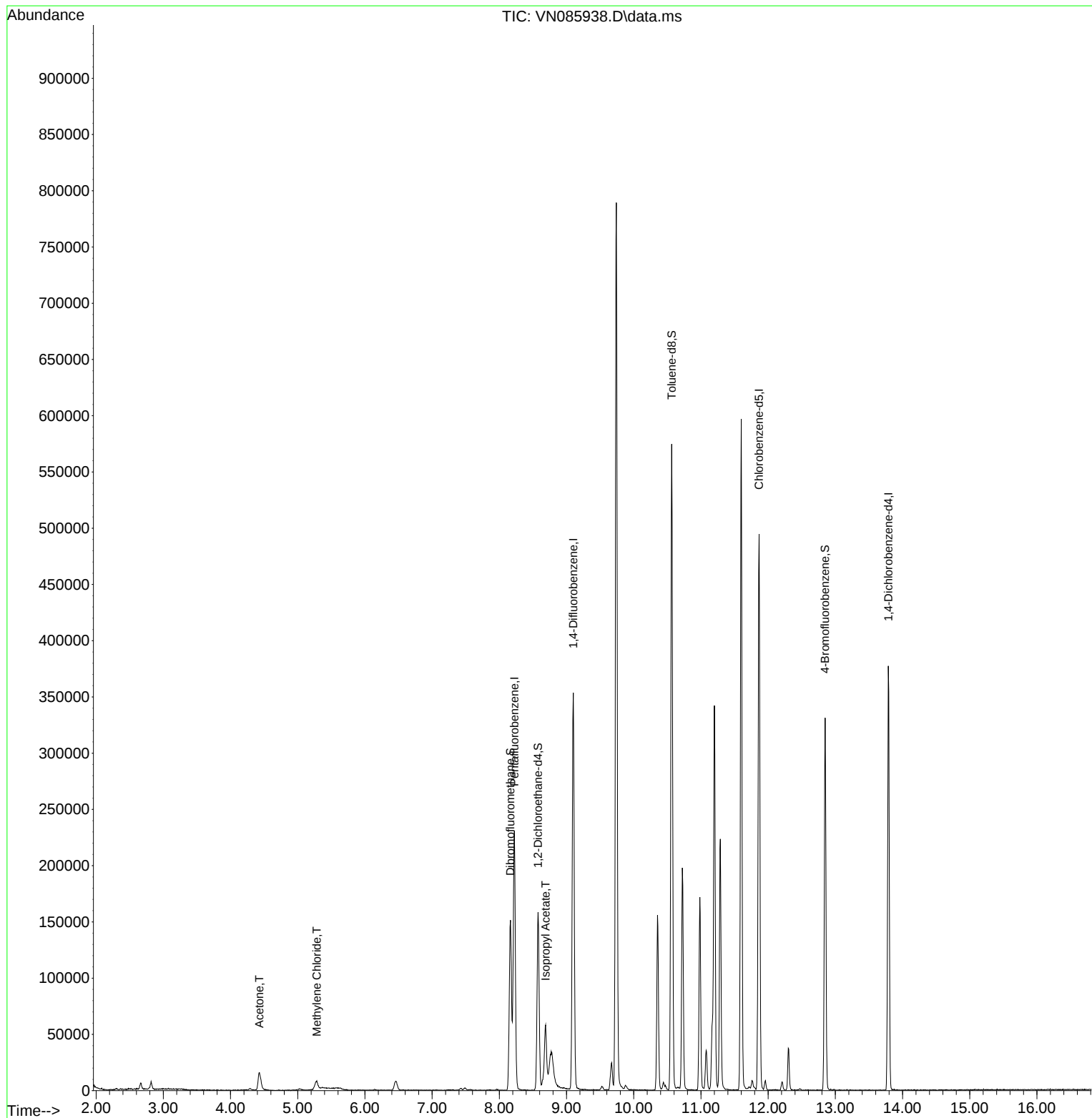
Internal Standards						
1) Pentafluorobenzene	8.224	168	160603	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	306695	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	293575	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	104809	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	129530	62.209	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 124.420%	
35) Dibromofluoromethane	8.165	113	110168	54.896	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 109.800%	
50) Toluene-d8	10.565	98	401954	55.050	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 110.100%	
62) 4-Bromofluorobenzene	12.847	95	115833	48.149	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 96.300%	
Target Compounds						
						Qvalue
16) Acetone	4.430	43	29765	45.178	ug/l	97
20) Methylene Chloride	5.283	84	6351	2.998	ug/l	96
43) Isopropyl Acetate	8.689	43	67944	16.194	ug/l #	82

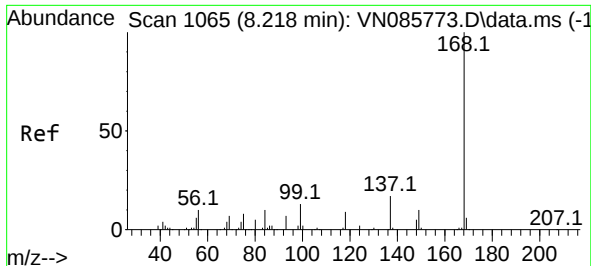
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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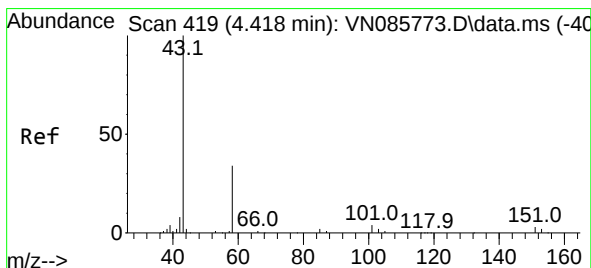
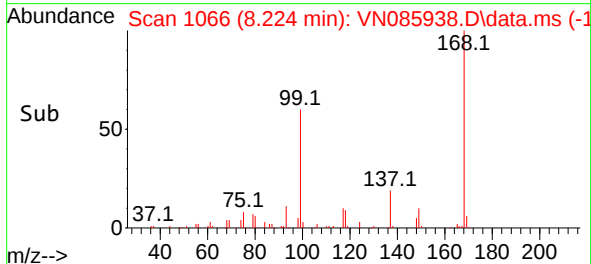
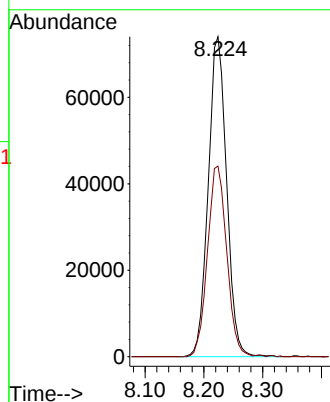
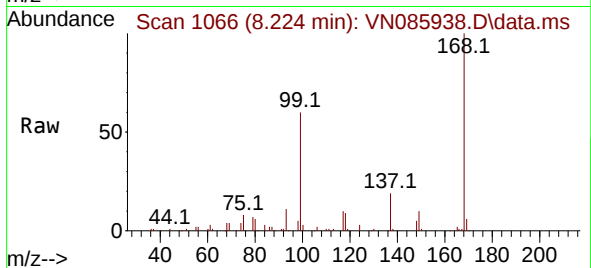




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085938.D
Acq: 11 Mar 2025 17:52

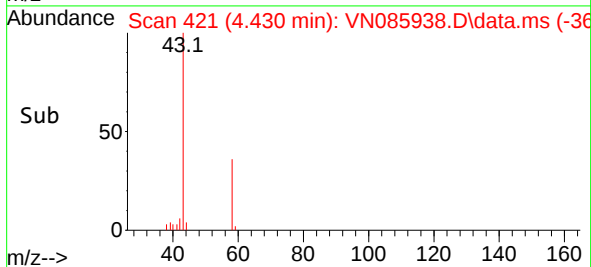
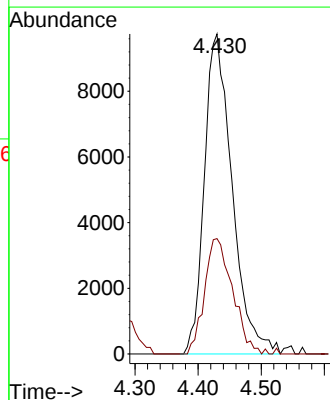
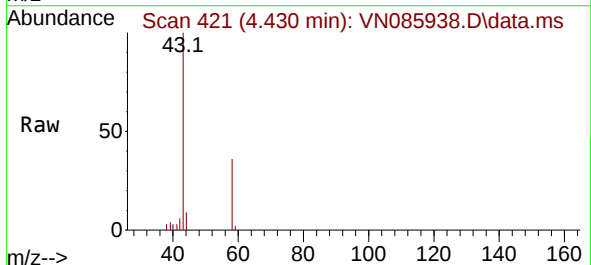
Instrument :
MSVOA_N
ClientSampleId :
PB167050ZHE#05

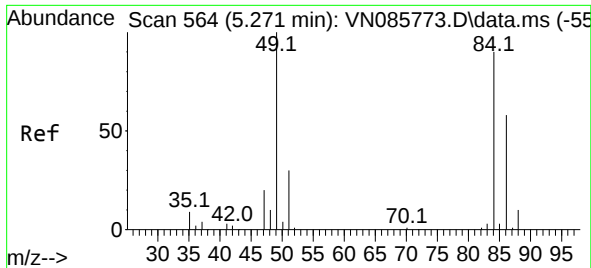
Tgt Ion:168 Resp: 160603
Ion Ratio Lower Upper
168 100
99 59.5 47.9 71.9



#16
Acetone
Concen: 45.178 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN085938.D
Acq: 11 Mar 2025 17:52

Tgt Ion: 43 Resp: 29765
Ion Ratio Lower Upper
43 100
58 36.1 27.5 41.3



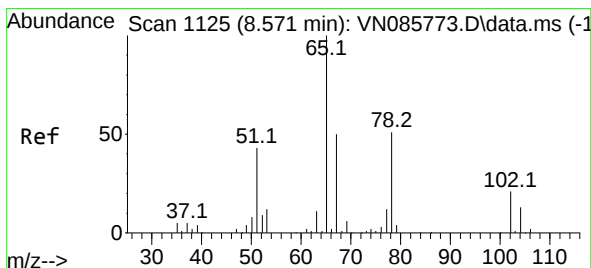
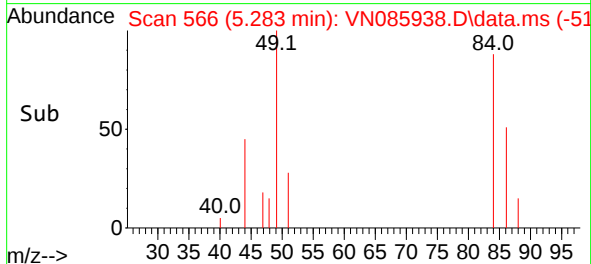
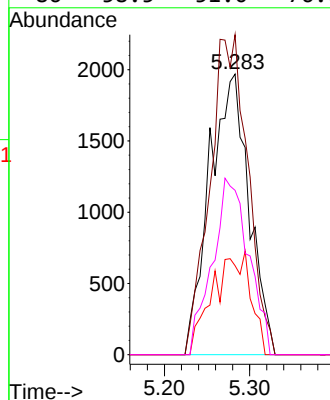
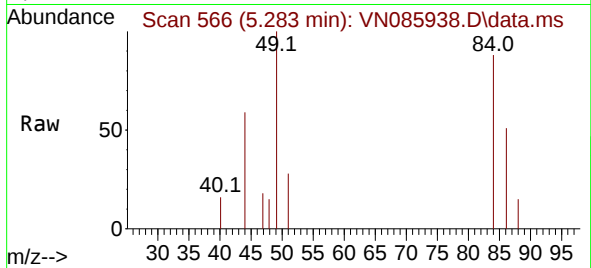


#20
Methylene Chloride
Concen: 2.998 ug/l
RT: 5.283 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN085938.D
Acq: 11 Mar 2025 17:52

Instrument :
MSVOA_N
ClientSampleId :
PB167050ZHE#05

Tgt Ion: 84 Resp: 6351

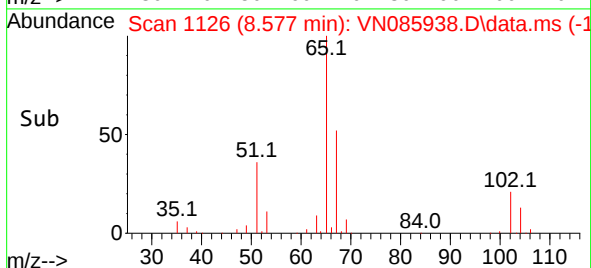
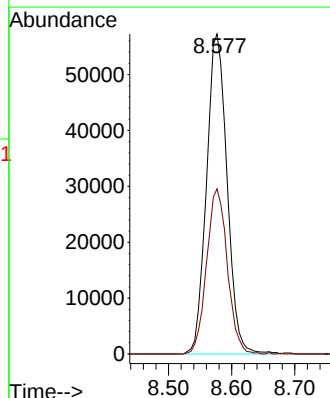
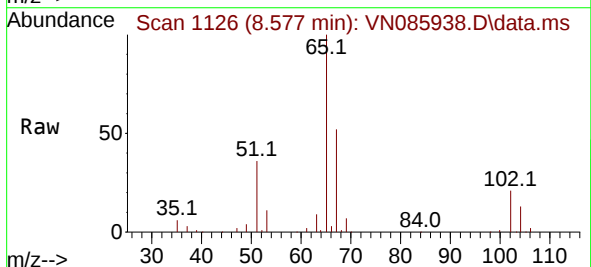
Ion	Ratio	Lower	Upper
84	100		
49	114.0	88.4	132.6
51	31.7	26.6	40.0
86	58.5	51.0	76.6

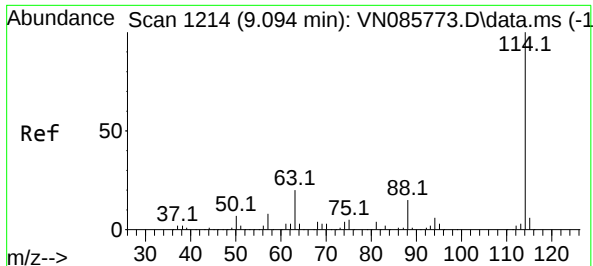


#33
1,2-Dichloroethane-d4
Concen: 62.209 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085938.D
Acq: 11 Mar 2025 17:52

Tgt Ion: 65 Resp: 129530

Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	106.2

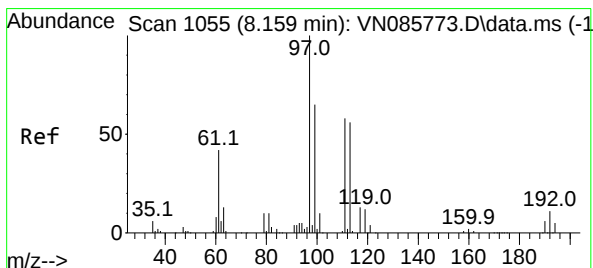
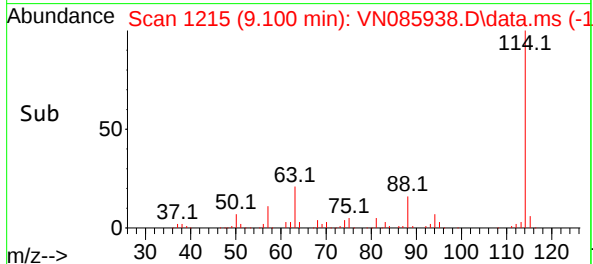
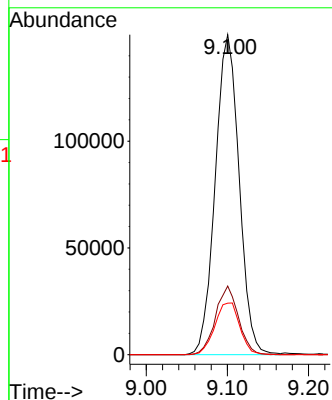
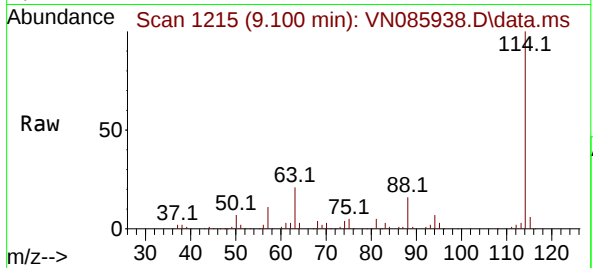




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085938.D
Acq: 11 Mar 2025 17:52

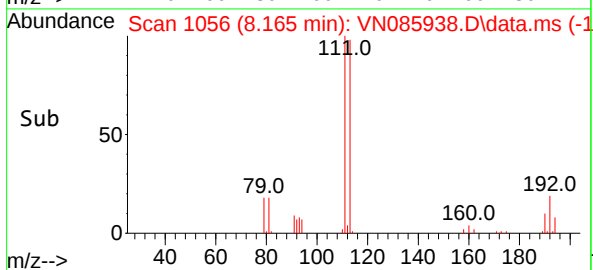
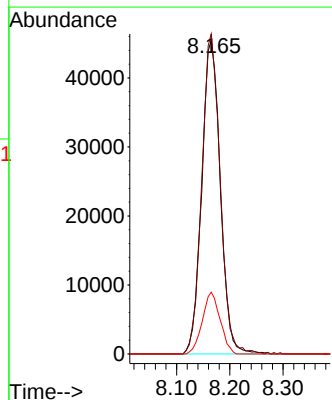
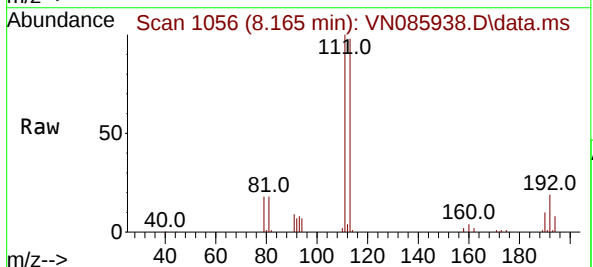
Instrument :
MSVOA_N
ClientSampleId :
PB167050ZHE#05

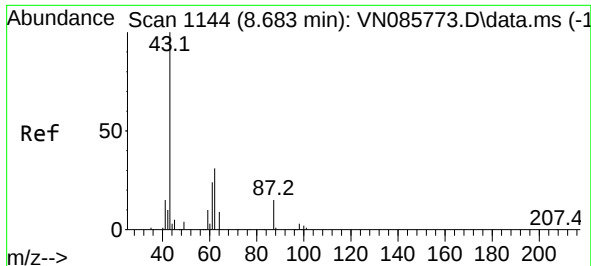
Tgt Ion:114 Resp: 306695
Ion Ratio Lower Upper
114 100
63 21.4 0.0 39.2
88 16.1 0.0 30.0



#35
Dibromofluoromethane
Concen: 54.896 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN085938.D
Acq: 11 Mar 2025 17:52

Tgt Ion:113 Resp: 110168
Ion Ratio Lower Upper
113 100
111 100.6 82.2 123.4
192 18.8 14.7 22.1

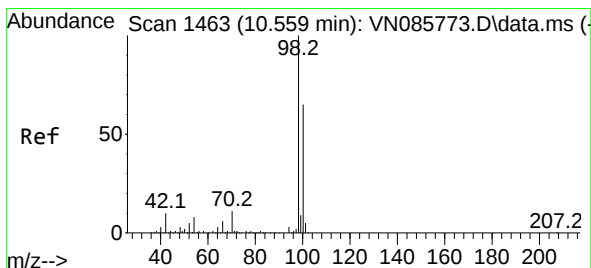
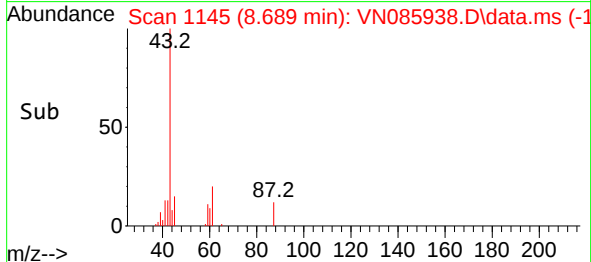
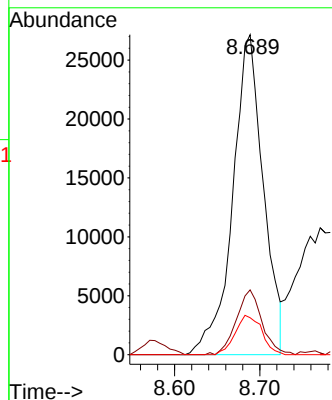
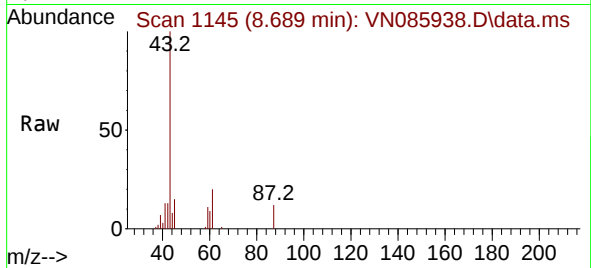




#43
Isopropyl Acetate
Concen: 16.194 ug/l
RT: 8.689 min Scan# 1144
Delta R.T. 0.006 min
Lab File: VN085938.D
Acq: 11 Mar 2025 17:52

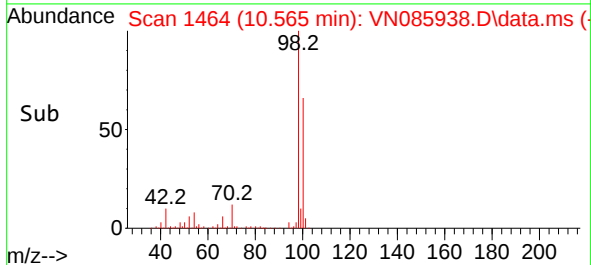
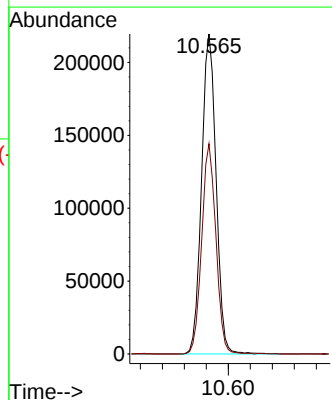
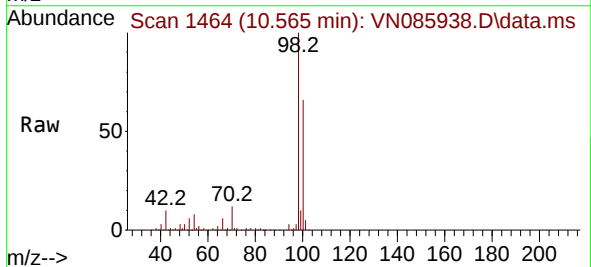
Instrument :
MSVOA_N
ClientSampleId :
PB167050ZHE#05

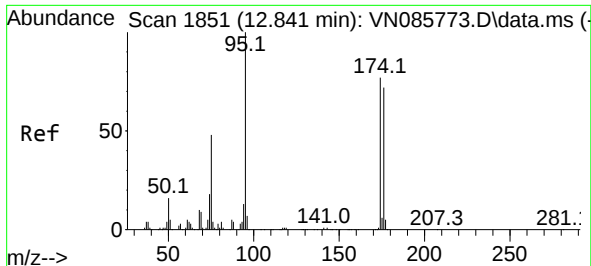
Tgt Ion: 43 Resp: 67944
Ion Ratio Lower Upper
43 100
61 16.9 22.6 34.0#
87 10.7 11.8 17.8#



#50
Toluene-d8
Concen: 55.050 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN085938.D
Acq: 11 Mar 2025 17:52

Tgt Ion: 98 Resp: 401954
Ion Ratio Lower Upper
98 100
100 64.4 52.1 78.1

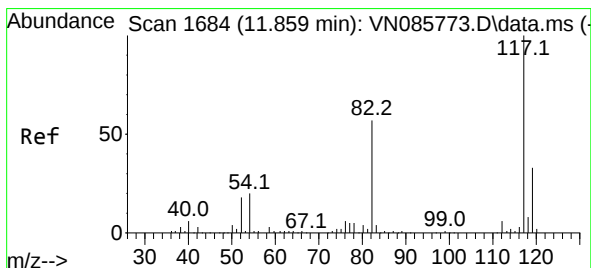
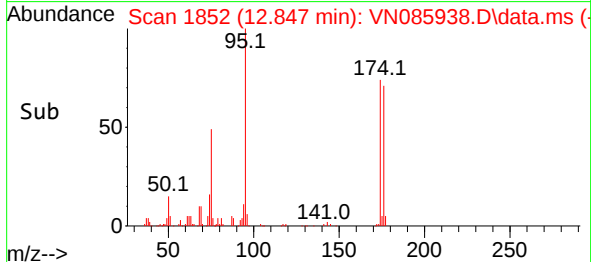
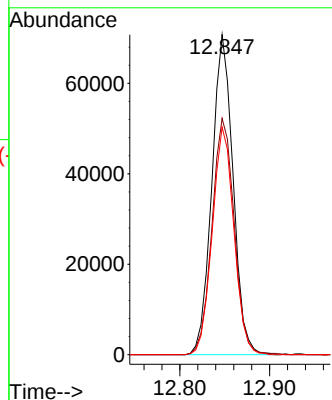
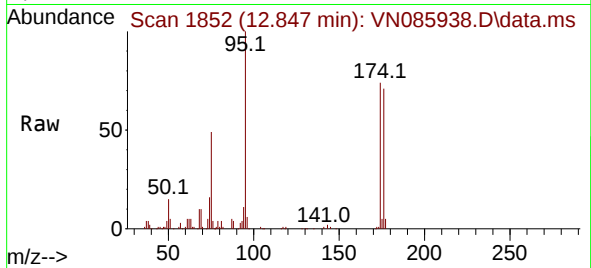




#62
4-Bromofluorobenzene
Concen: 48.149 ug/l
RT: 12.847 min Scan# 115833
Delta R.T. 0.006 min
Lab File: VN085938.D
Acq: 11 Mar 2025 17:52

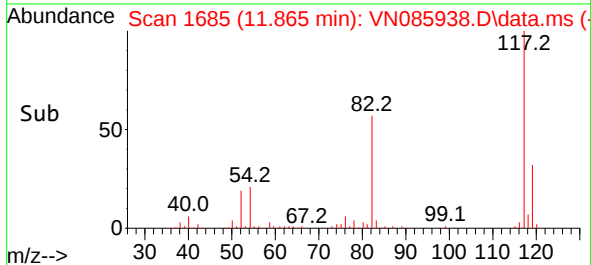
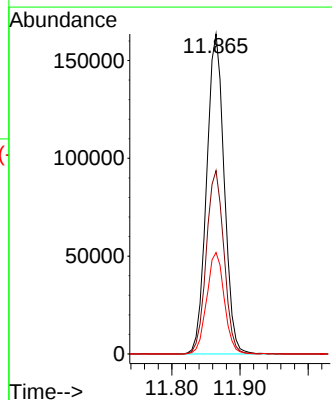
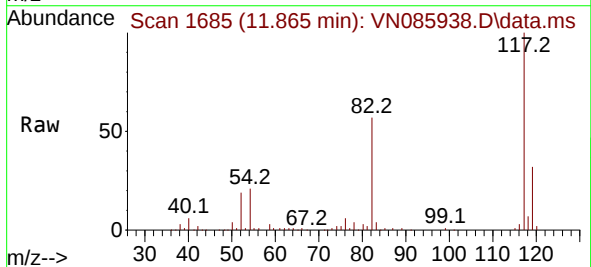
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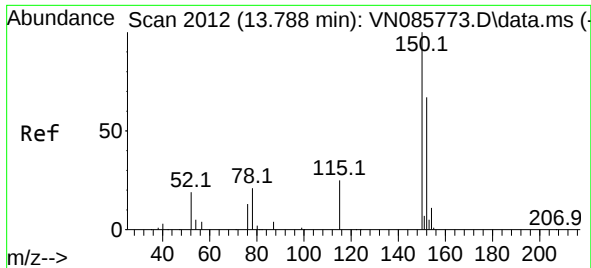
Tgt Ion: 95 Resp: 115833
Ion Ratio Lower Upper
95 100
174 77.6 0.0 152.4
176 72.8 0.0 146.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VN085938.D
Acq: 11 Mar 2025 17:52

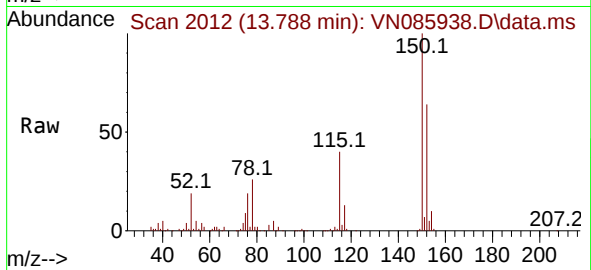
Tgt Ion: 117 Resp: 293575
Ion Ratio Lower Upper
117 100
82 57.3 45.7 68.5
119 31.7 26.2 39.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN085938.D
 Acq: 11 Mar 2025 17:52

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167050ZHE#05



Tgt Ion:152 Resp: 104809
 Ion Ratio Lower Upper
 152 100
 115 61.2 30.4 91.3
 150 156.7 0.0 345.4

