

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031125\
 Data File : VN085942.D
 Acq On : 11 Mar 2025 19:29
 Operator : JC\MD
 Sample : PB167050ZHE#09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167050ZHE#09

Quant Time: Mar 12 01:28:24 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)

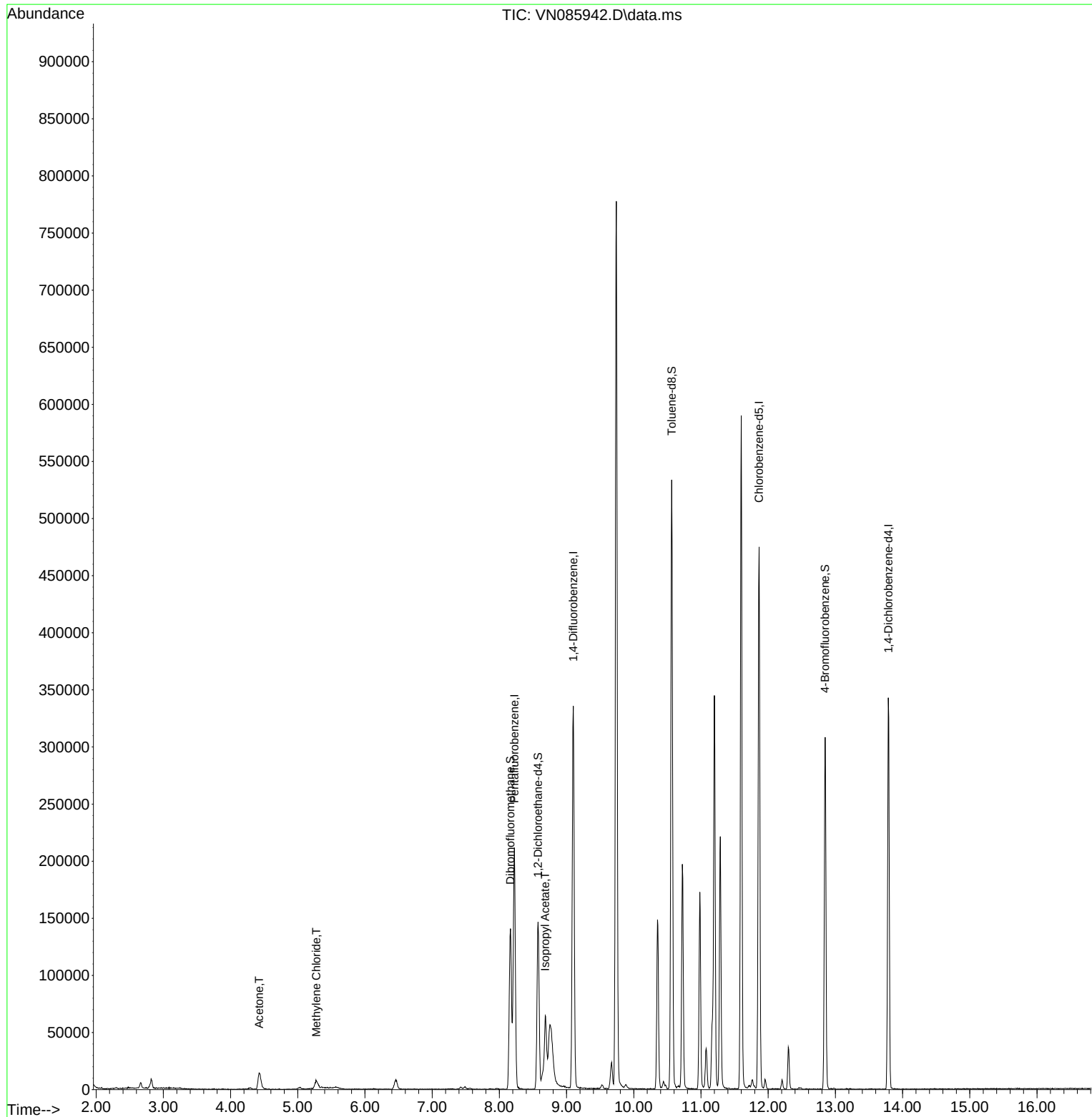
Internal Standards						
1) Pentafluorobenzene	8.224	168	145638	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	294524	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	273505	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	98482	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	122146	64.691	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 129.380%#		
35) Dibromofluoromethane	8.165	113	103786	53.853	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 107.700%		
50) Toluene-d8	10.565	98	375171	53.505	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 107.020%		
62) 4-Bromofluorobenzene	12.847	95	107397	46.487	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 92.980%		
Target Compounds						
						Qvalue
16) Acetone	4.424	43	28527	47.748	ug/l	96
20) Methylene Chloride	5.277	84	5344	2.781	ug/l	93
43) Isopropyl Acetate	8.682	43	79463	19.843	ug/l #	80

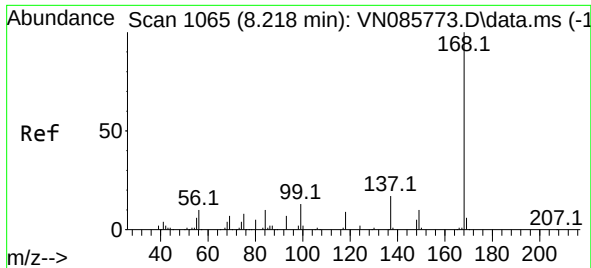
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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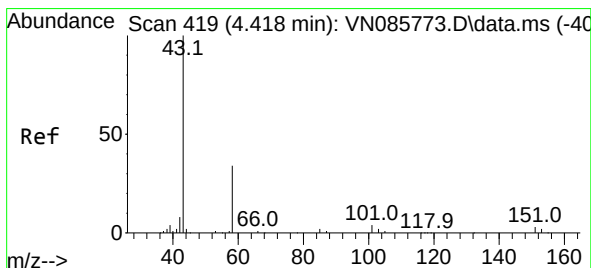
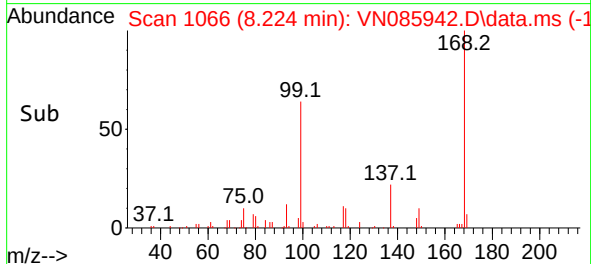
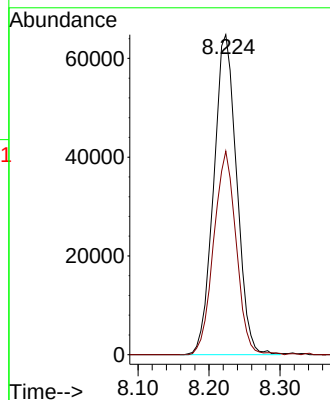
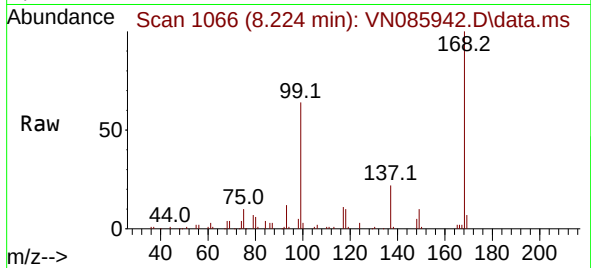




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085942.D
Acq: 11 Mar 2025 19:29

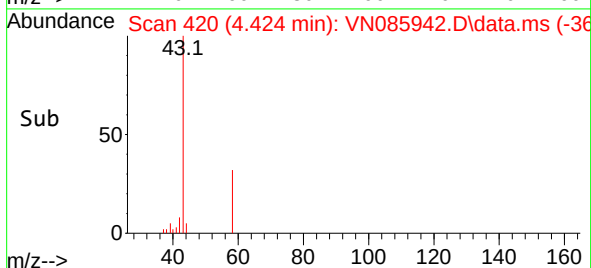
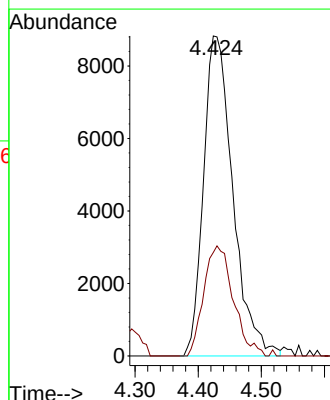
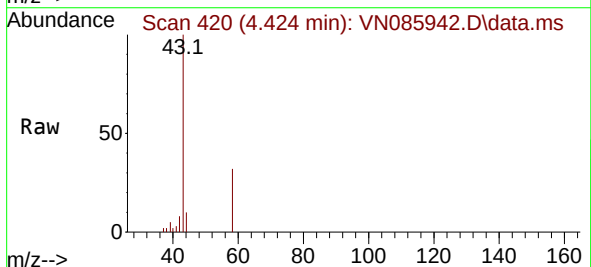
Instrument :
MSVOA_N
ClientSampleId :
PB167050ZHE#09

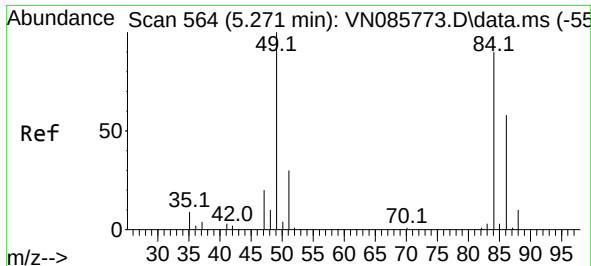
Tgt Ion:168 Resp: 145638
Ion Ratio Lower Upper
168 100
99 63.6 47.9 71.9



#16
Acetone
Concen: 47.748 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN085942.D
Acq: 11 Mar 2025 19:29

Tgt Ion: 43 Resp: 28527
Ion Ratio Lower Upper
43 100
58 32.4 27.5 41.3

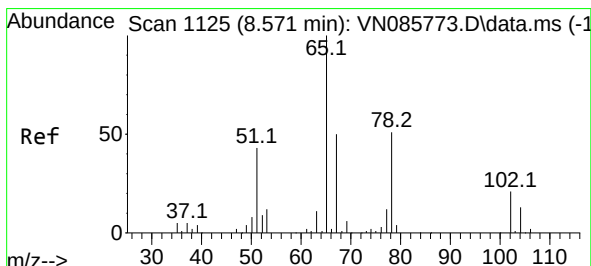
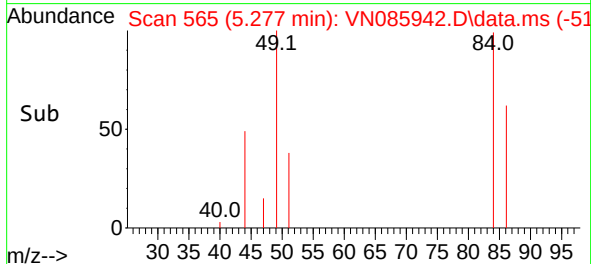
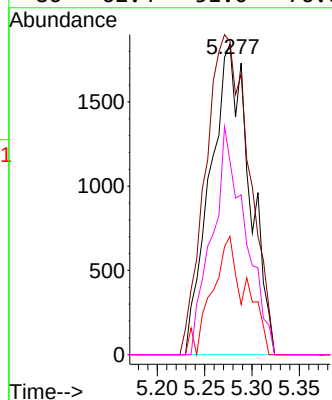
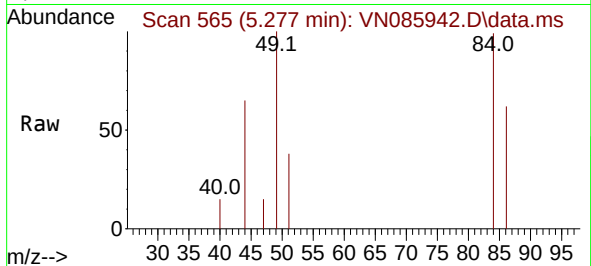




#20
Methylene Chloride
Concen: 2.781 ug/l
RT: 5.277 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN085942.D
Acq: 11 Mar 2025 19:29

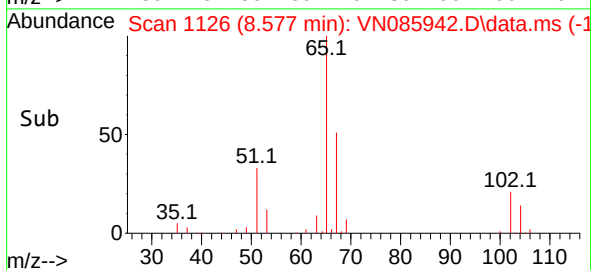
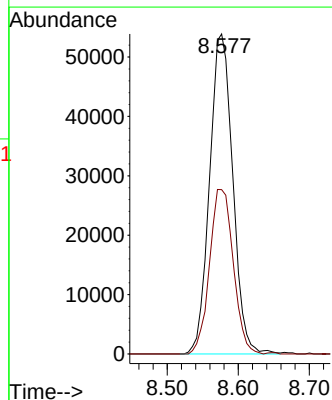
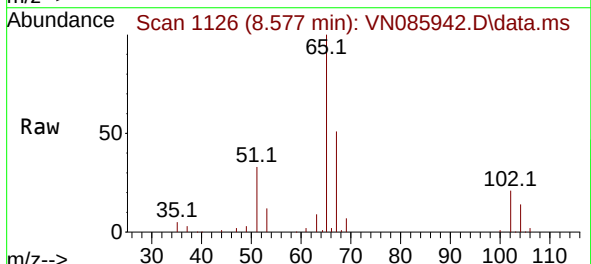
Instrument :
MSVOA_N
ClientSampleId :
PB167050ZHE#09

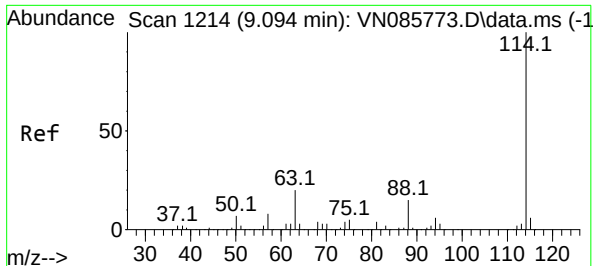
Tgt Ion: 84	Resp: 5344
Ion Ratio	Lower Upper
84 100	
49 100.9	88.4 132.6
51 38.1	26.6 40.0
86 62.4	51.0 76.6



#33
1,2-Dichloroethane-d4
Concen: 64.691 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085942.D
Acq: 11 Mar 2025 19:29

Tgt Ion: 65	Resp: 122146
Ion Ratio	Lower Upper
65 100	
67 52.6	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: VN085942.D

Acq: 11 Mar 2025 19:29

Instrument :

MSVOA_N

ClientSampleId :

PB167050ZHE#09

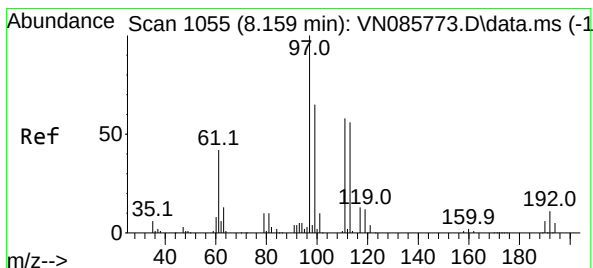
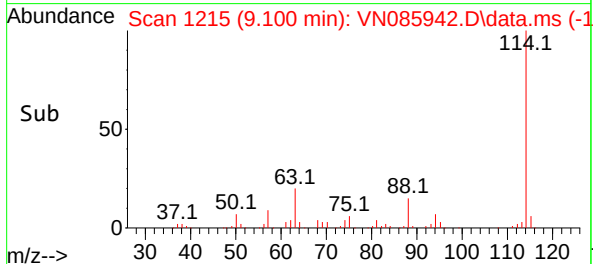
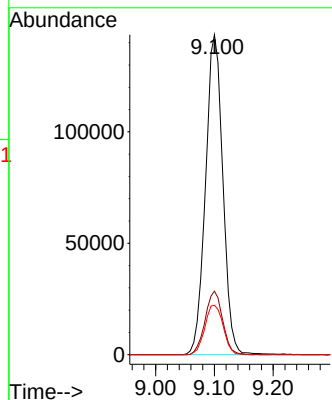
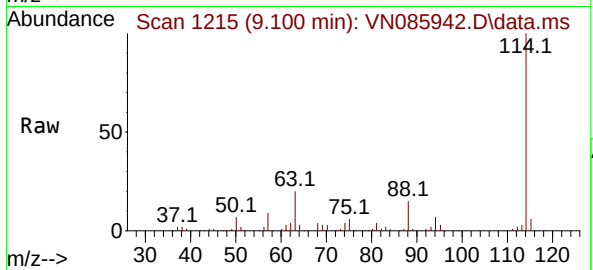
Tgt Ion:114 Resp: 294524

Ion Ratio Lower Upper

114 100

63 19.9 0.0 39.2

88 15.5 0.0 30.0



#35

Dibromofluoromethane

Concen: 53.853 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085942.D

Acq: 11 Mar 2025 19:29

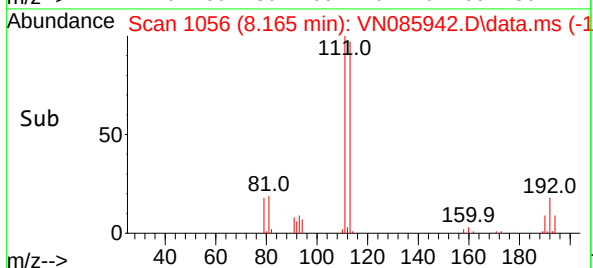
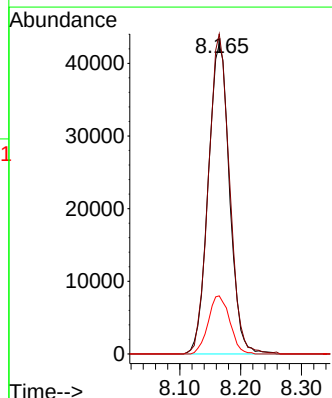
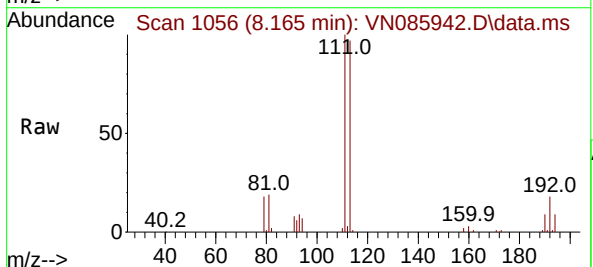
Tgt Ion:113 Resp: 103786

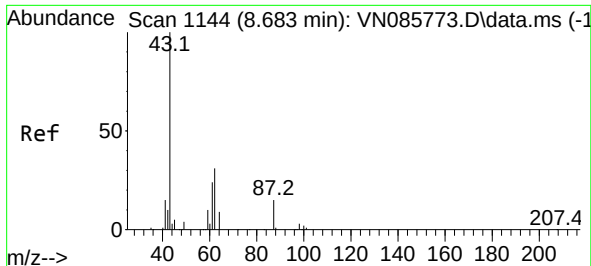
Ion Ratio Lower Upper

113 100

111 101.8 82.2 123.4

192 18.9 14.7 22.1

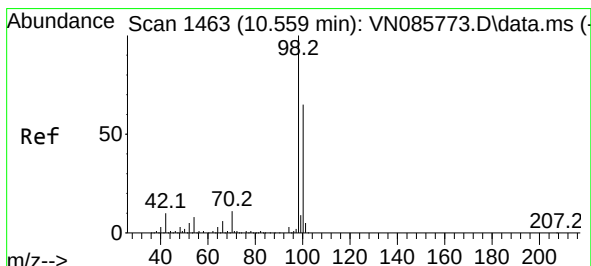
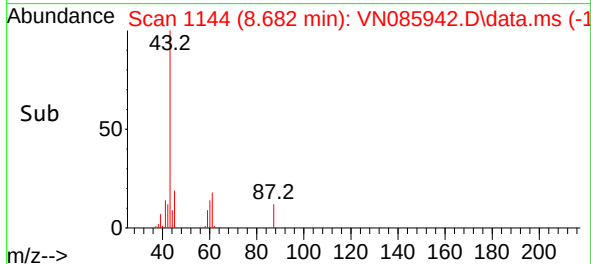
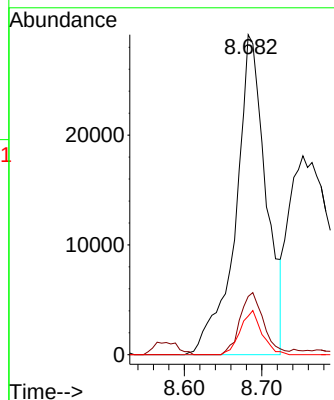
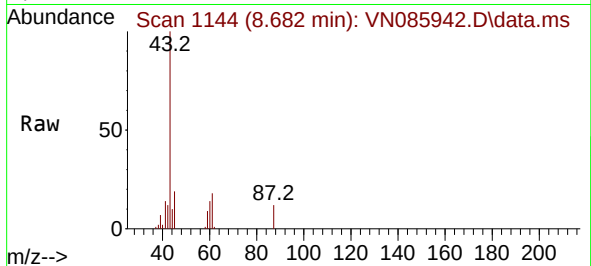




#43
Isopropyl Acetate
Concen: 19.843 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.001 min
Lab File: VN085942.D
Acq: 11 Mar 2025 19:29

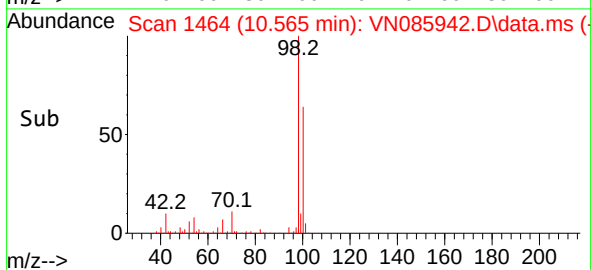
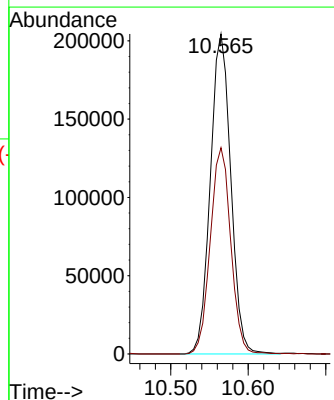
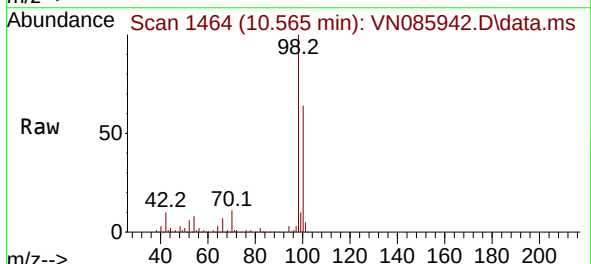
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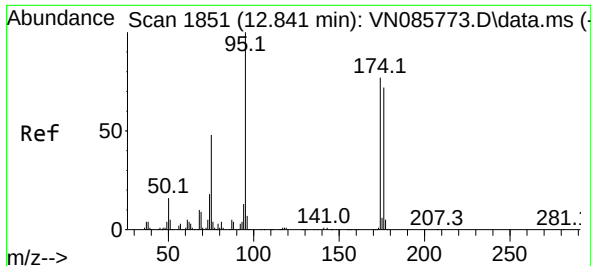
Tgt Ion: 43 Resp: 79463
Ion Ratio Lower Upper
43 100
61 15.2 22.6 34.0#
87 9.8 11.8 17.8#



#50
Toluene-d8
Concen: 53.505 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN085942.D
Acq: 11 Mar 2025 19:29

Tgt Ion: 98 Resp: 375171
Ion Ratio Lower Upper
98 100
100 64.4 52.1 78.1

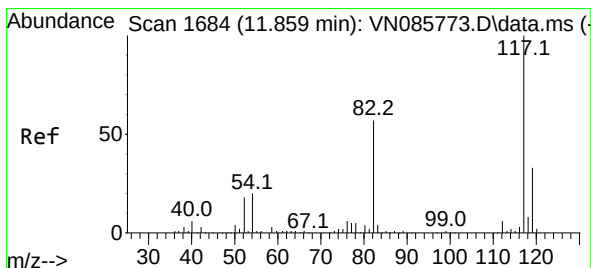
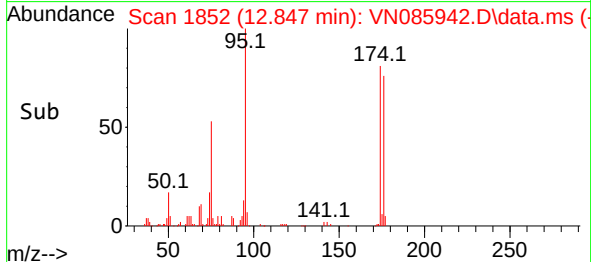
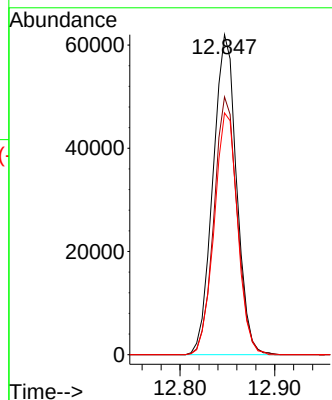
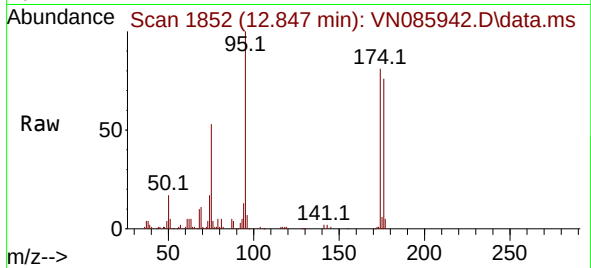




#62
4-Bromofluorobenzene
Concen: 46.487 ug/l
RT: 12.847 min Scan# 1851
Delta R.T. 0.006 min
Lab File: VN085942.D
Acq: 11 Mar 2025 19:29

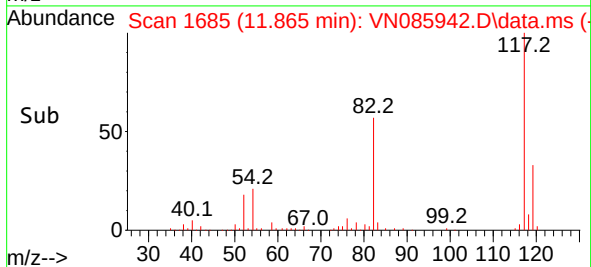
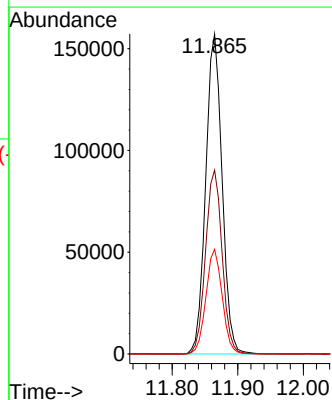
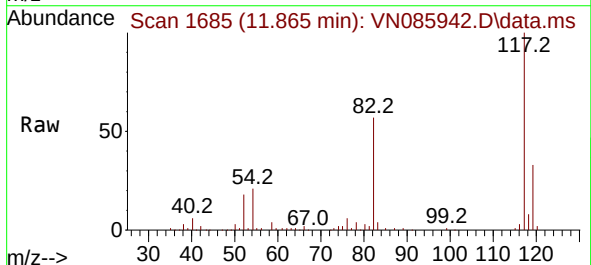
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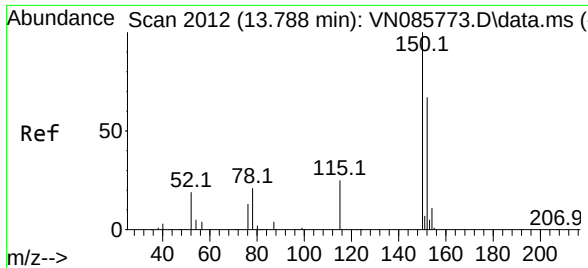
Tgt Ion: 95 Resp: 107397
Ion Ratio Lower Upper
95 100
174 79.6 0.0 152.4
176 74.9 0.0 146.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VN085942.D
Acq: 11 Mar 2025 19:29

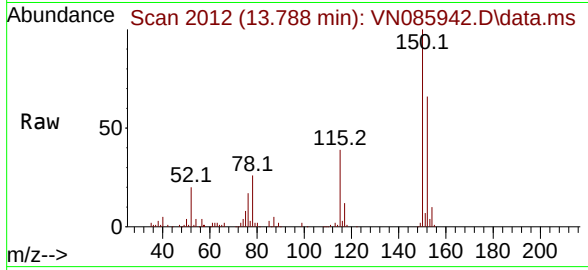
Tgt Ion: 117 Resp: 273505
Ion Ratio Lower Upper
117 100
82 57.5 45.7 68.5
119 32.7 26.2 39.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN085942.D
 Acq: 11 Mar 2025 19:29

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167050ZHE#09



Tgt Ion:	152	Resp:	98482
Ion Ratio	Lower	Upper	
152	100		
115	60.0	30.4	91.3
150	152.6	0.0	345.4

