

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031125\
 Data File : VN085933.D
 Acq On : 11 Mar 2025 15:52
 Operator : JC\MD
 Sample : PB167050TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167050TB

Quant Time: Mar 12 01:22:55 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)

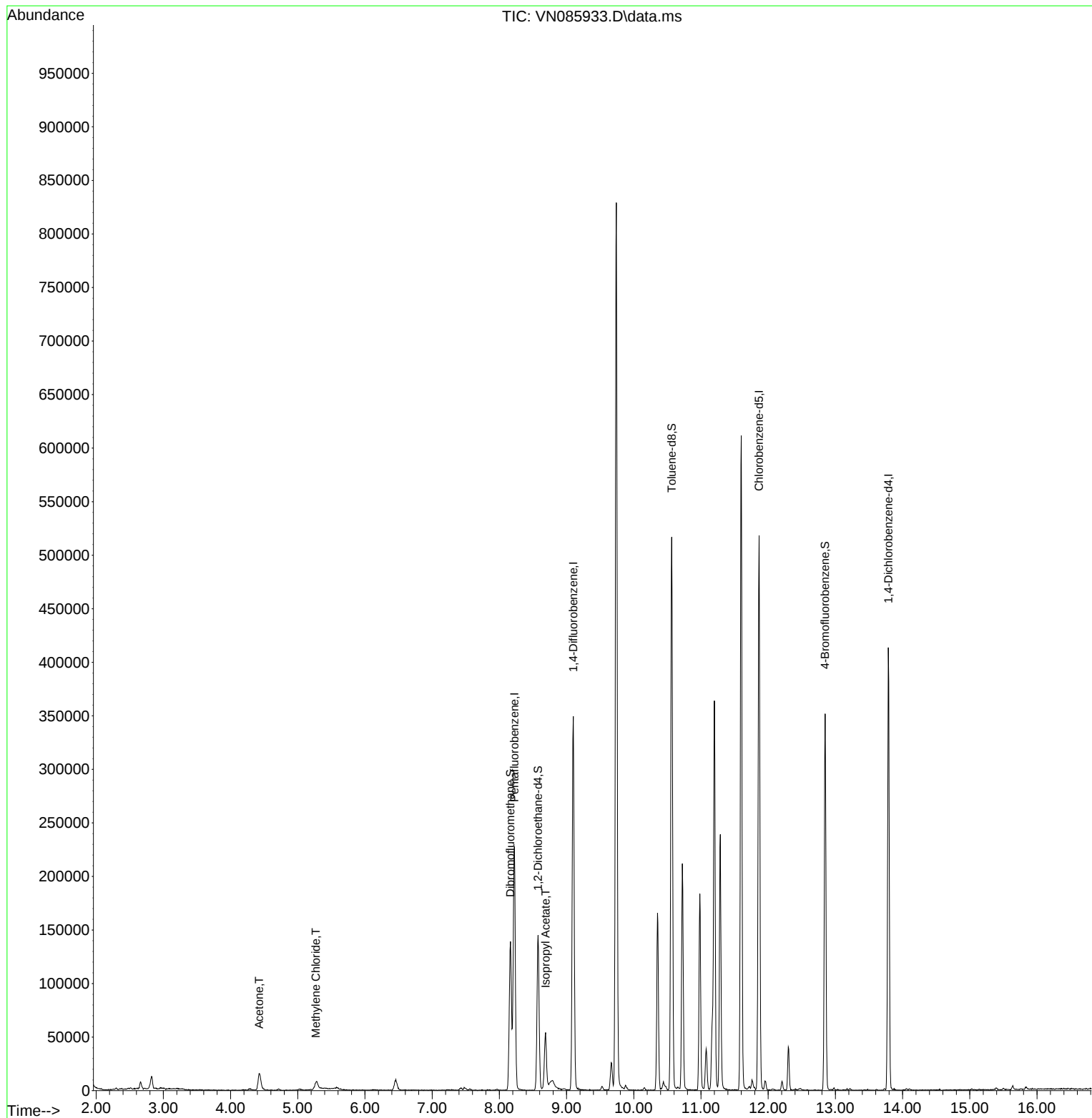
Internal Standards						
1) Pentafluorobenzene	8.224	168	159816	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	301730	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	300368	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	113239	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	116926	56.433	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 112.860%		
35) Dibromofluoromethane	8.165	113	100242	50.771	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 101.540%		
50) Toluene-d8	10.565	98	369443	51.430	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 102.860%		
62) 4-Bromofluorobenzene	12.847	95	124450	52.582	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 105.160%		
Target Compounds						
					Qvalue	
16) Acetone	4.424	43	30349	46.292	ug/l	99
20) Methylene Chloride	5.271	84	5938	2.816	ug/l #	76
43) Isopropyl Acetate	8.688	43	59676	14.398	ug/l #	88

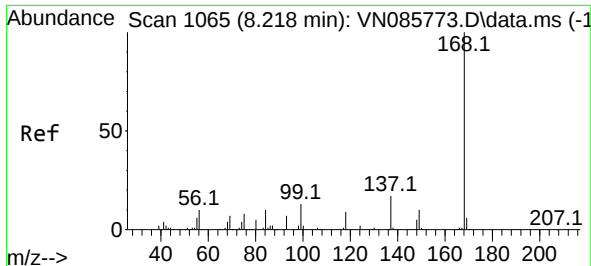
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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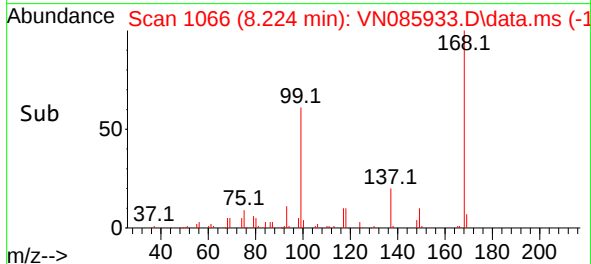
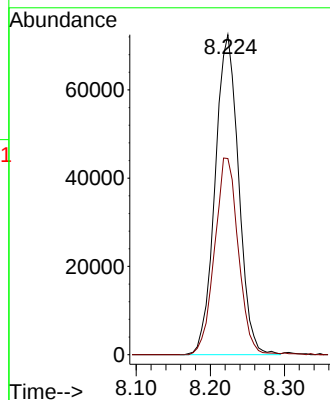
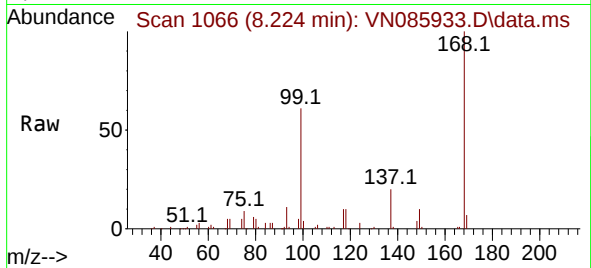




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN085933.D
Acq: 11 Mar 2025 15:52

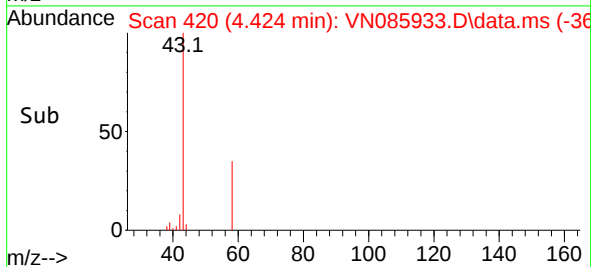
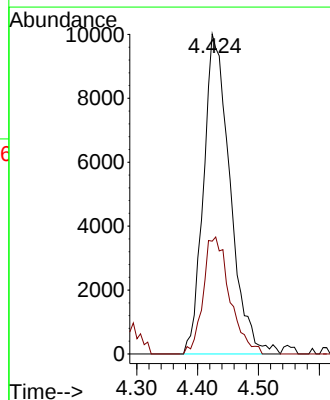
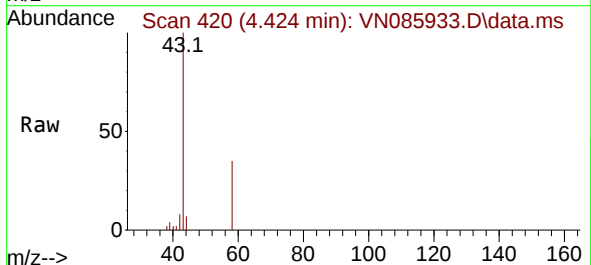
Instrument :
MSVOA_N
ClientSampleId :
PB167050TB

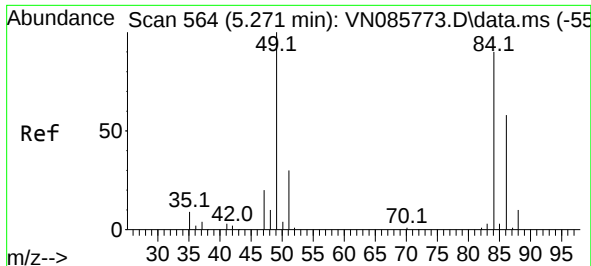
Tgt Ion:168 Resp: 159816
Ion Ratio Lower Upper
168 100
99 61.3 47.9 71.9



#16
Acetone
Concen: 46.292 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN085933.D
Acq: 11 Mar 2025 15:52

Tgt Ion: 43 Resp: 30349
Ion Ratio Lower Upper
43 100
58 35.2 27.5 41.3

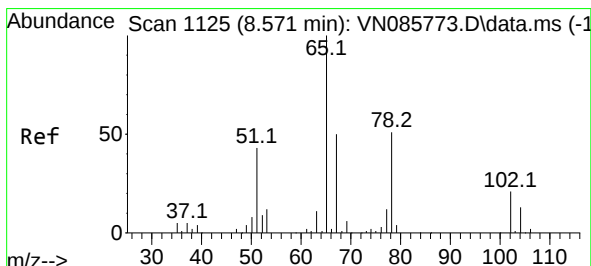
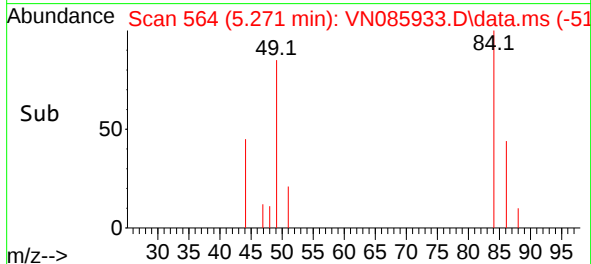
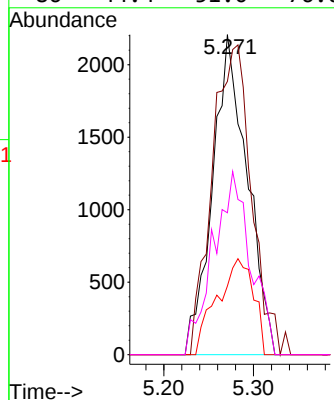
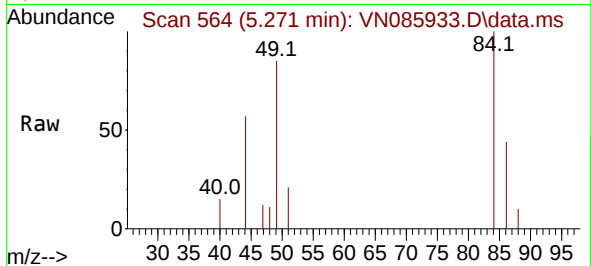




#20
Methylene Chloride
Concen: 2.816 ug/l
RT: 5.271 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN085933.D
Acq: 11 Mar 2025 15:52

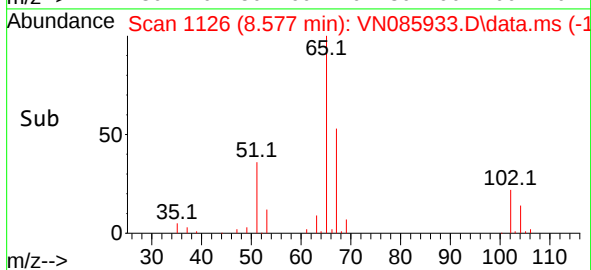
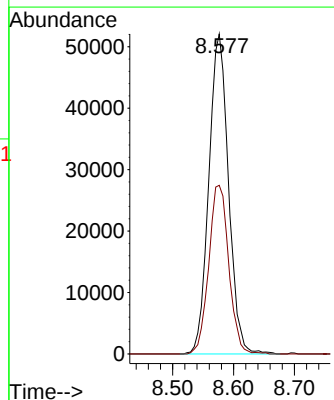
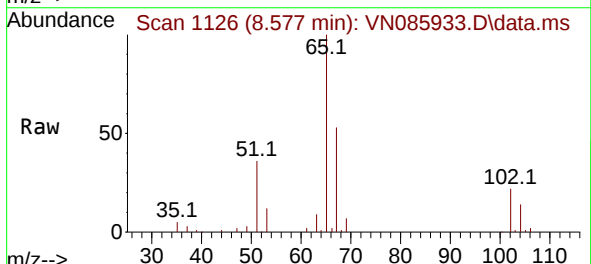
Instrument :
MSVOA_N
ClientSampleId :
PB167050TB

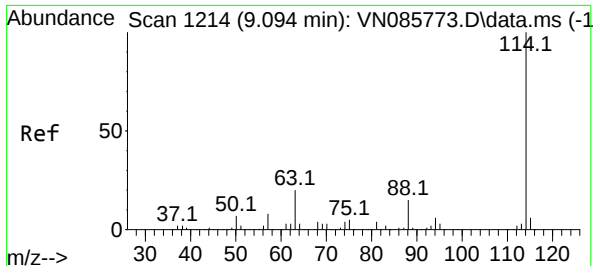
Tgt	Ion: 84	Resp:	5938
Ion	Ratio	Lower	Upper
84	100		
49	85.4	88.4	132.6#
51	21.5	26.6	40.0#
86	44.4	51.0	76.6#



#33
1,2-Dichloroethane-d4
Concen: 56.433 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085933.D
Acq: 11 Mar 2025 15:52

Tgt Ion: 65	Resp: 116926
Ion Ratio	Lower Upper
65 100	
67 53.7	0.0 106.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN085933.D

Acq: 11 Mar 2025 15:52

Instrument :

MSVOA_N

ClientSampleId :

PB167050TB

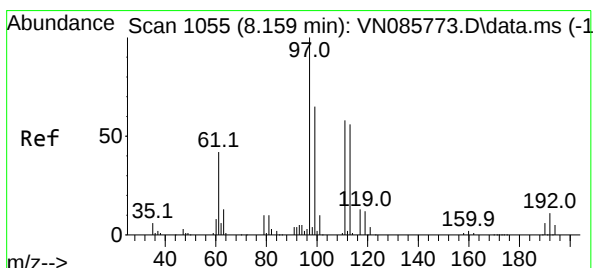
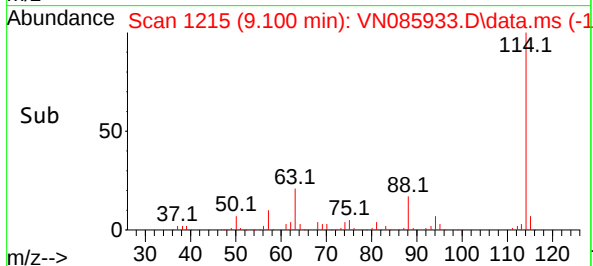
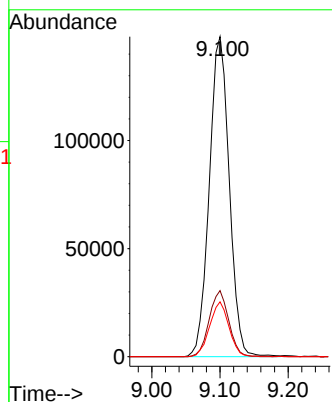
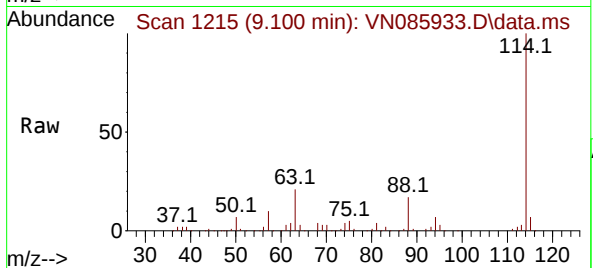
Tgt Ion:114 Resp: 301730

Ion Ratio Lower Upper

114 100

63 20.7 0.0 39.2

88 17.1 0.0 30.0



#35

Dibromofluoromethane

Concen: 50.771 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085933.D

Acq: 11 Mar 2025 15:52

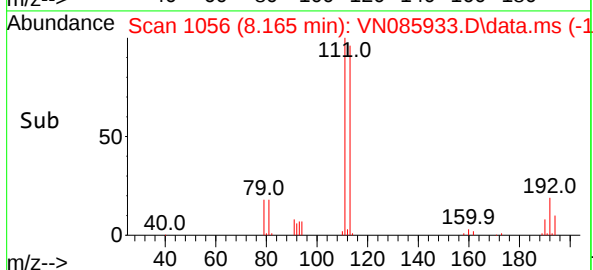
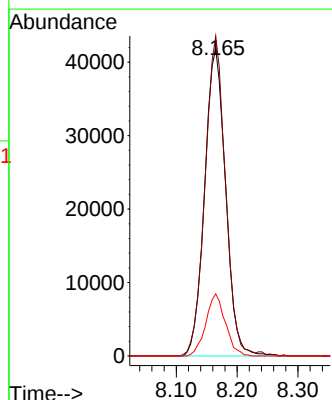
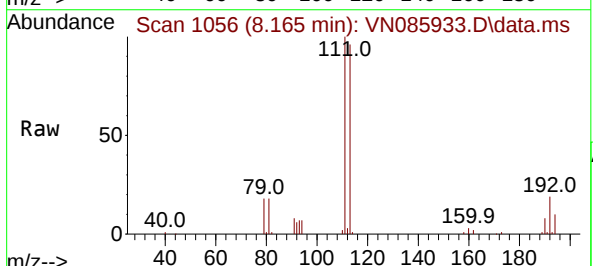
Tgt Ion:113 Resp: 100242

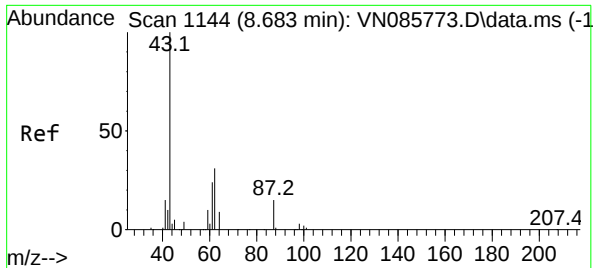
Ion Ratio Lower Upper

113 100

111 101.9 82.2 123.4

192 18.9 14.7 22.1

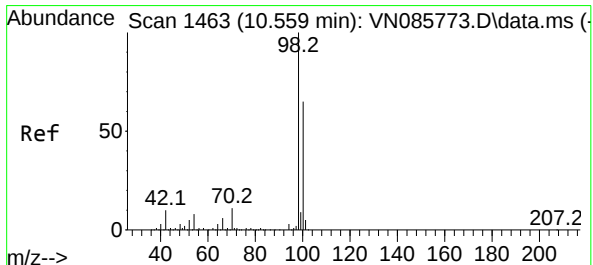
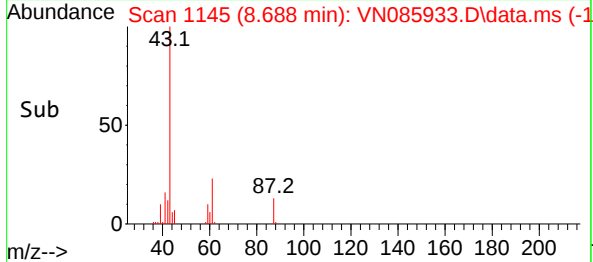
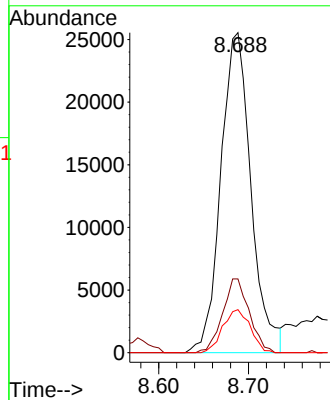
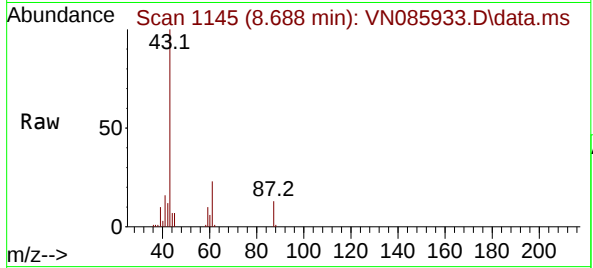




#43
Isopropyl Acetate
Concen: 14.398 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.005 min
Lab File: VN085933.D
Acq: 11 Mar 2025 15:52

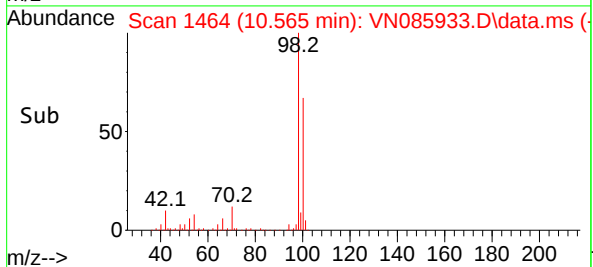
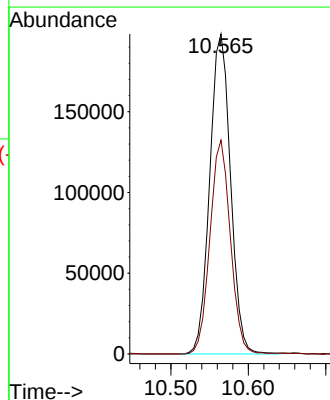
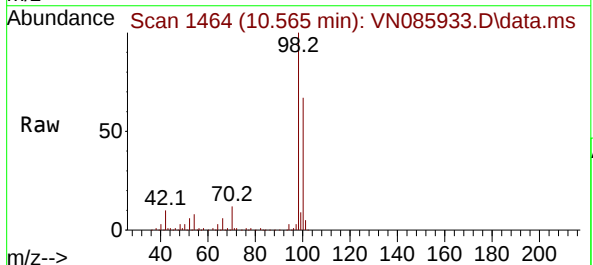
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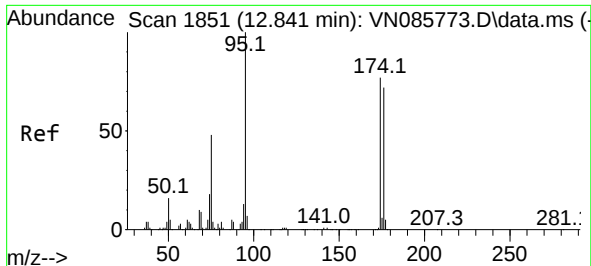
Tgt Ion: 43 Resp: 59676
Ion Ratio Lower Upper
43 100
61 20.3 22.6 34.0#
87 12.3 11.8 17.8



#50
Toluene-d8
Concen: 51.430 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN085933.D
Acq: 11 Mar 2025 15:52

Tgt Ion: 98 Resp: 369443
Ion Ratio Lower Upper
98 100
100 65.5 52.1 78.1

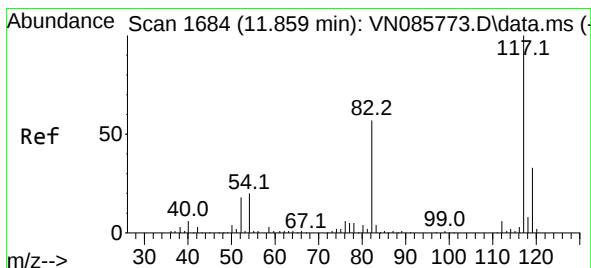
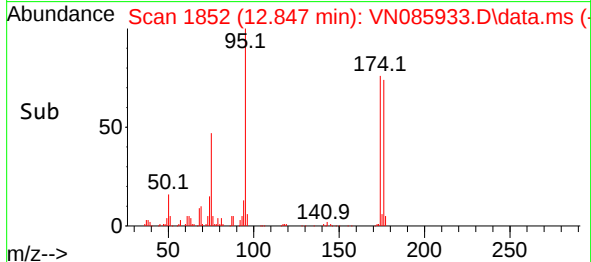
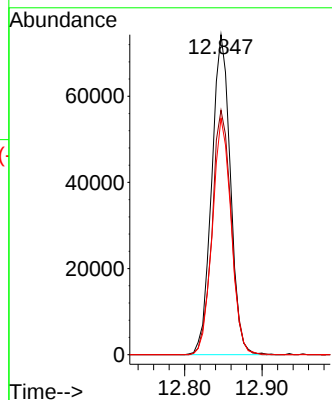
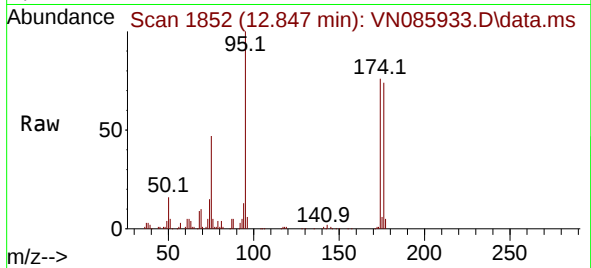




#62
4-Bromofluorobenzene
Concen: 52.582 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085933.D
Acq: 11 Mar 2025 15:52

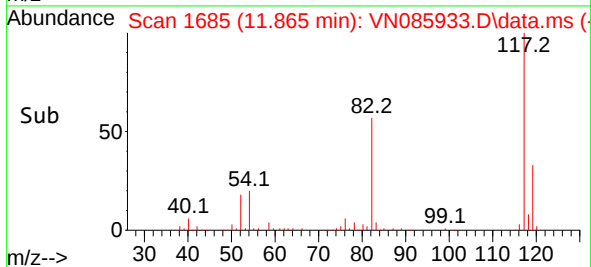
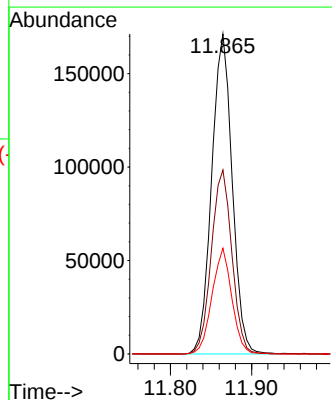
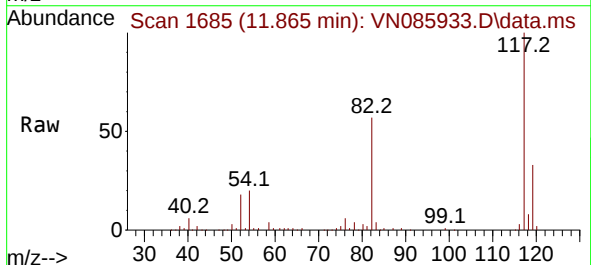
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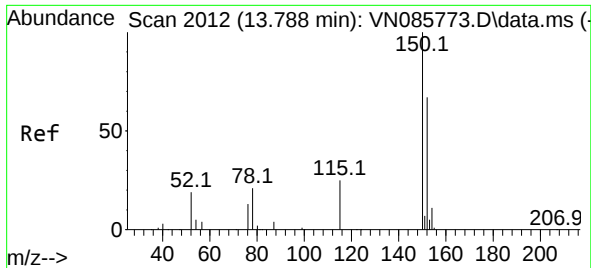
Tgt Ion: 95 Resp: 124450
Ion Ratio Lower Upper
95 100
174 78.2 0.0 152.4
176 74.1 0.0 146.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VN085933.D
Acq: 11 Mar 2025 15:52

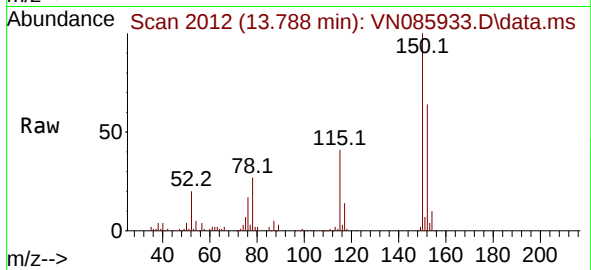
Tgt Ion: 117 Resp: 300368
Ion Ratio Lower Upper
117 100
82 57.5 45.7 68.5
119 33.1 26.2 39.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN085933.D
 Acq: 11 Mar 2025 15:52

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167050TB



Tgt Ion:152 Resp: 113239
 Ion Ratio Lower Upper
 152 100
 115 62.5 30.4 91.3
 150 157.1 0.0 345.4

