

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031125\
 Data File : VN085937.D
 Acq On : 11 Mar 2025 17:28
 Operator : JC\MD
 Sample : PB167050ZHE#04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167050ZHE#04

Quant Time: Mar 12 01:25:17 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)

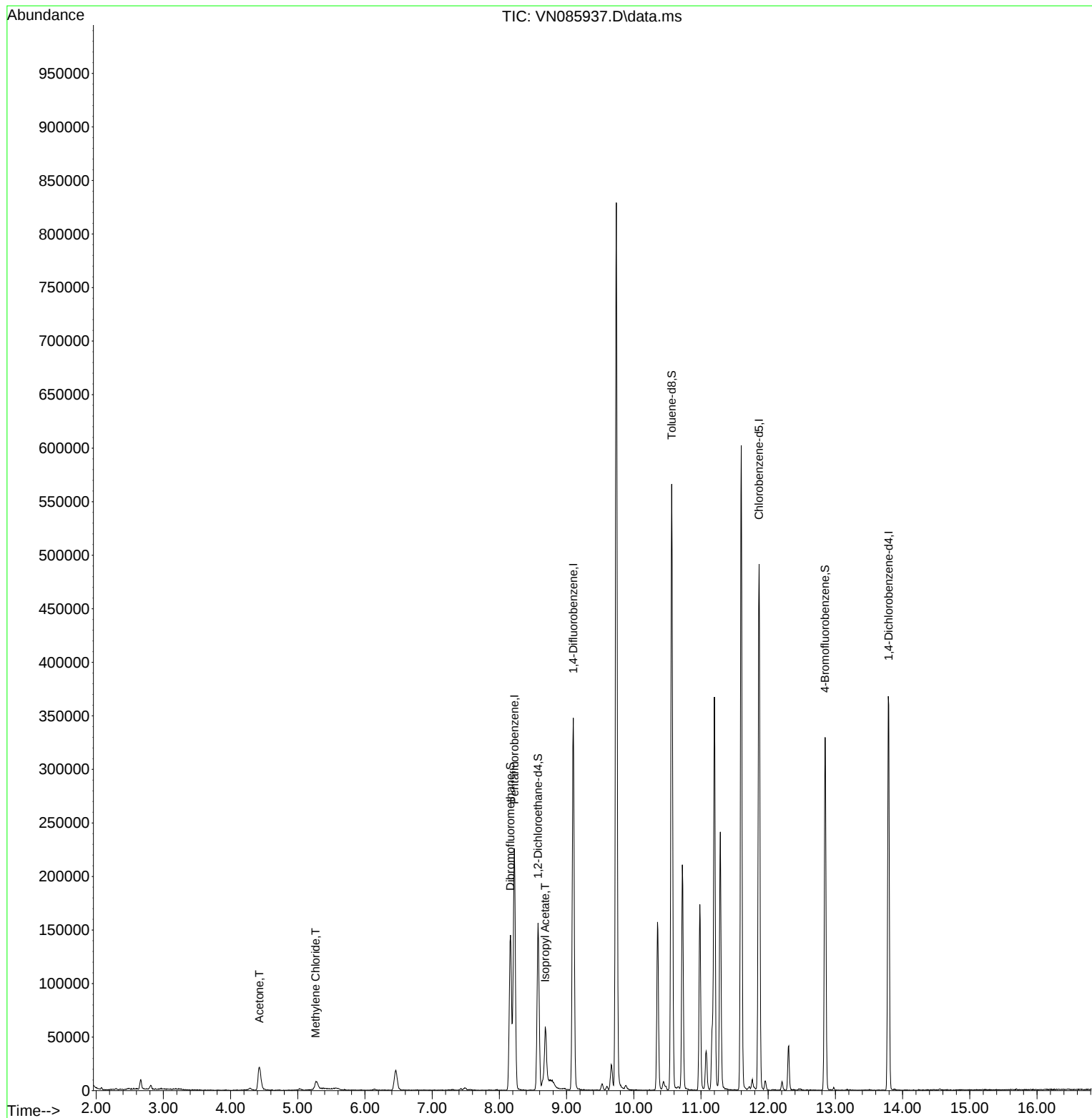
Internal Standards						
1) Pentafluorobenzene	8.224	168	159267	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	297554	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	294332	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	105392	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	126084	61.062	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 122.120%		
35) Dibromofluoromethane	8.165	113	106607	54.753	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 109.500%		
50) Toluene-d8	10.565	98	396017	55.903	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 111.800%		
62) 4-Bromofluorobenzene	12.847	95	117676	50.418	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 100.840%		
Target Compounds						
						Qvalue
16) Acetone	4.430	43	41785	63.955	ug/l	98
20) Methylene Chloride	5.265	84	6047	2.878	ug/l	93
43) Isopropyl Acetate	8.682	43	70043	17.242	ug/l #	82

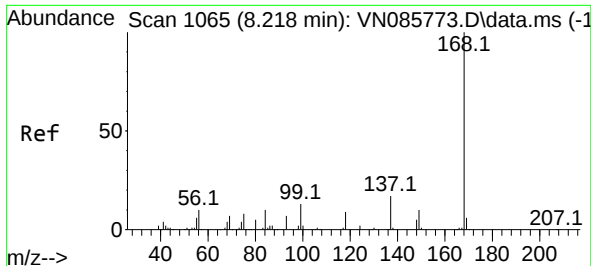
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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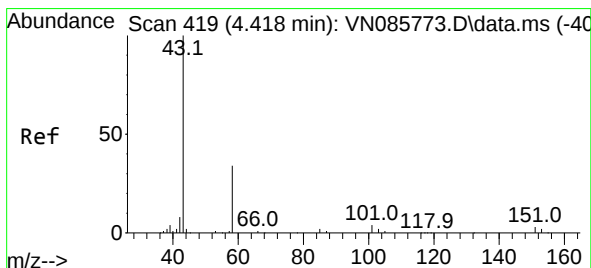
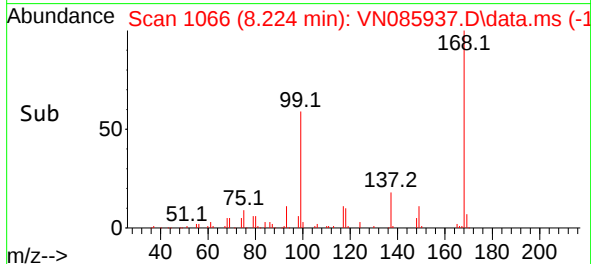
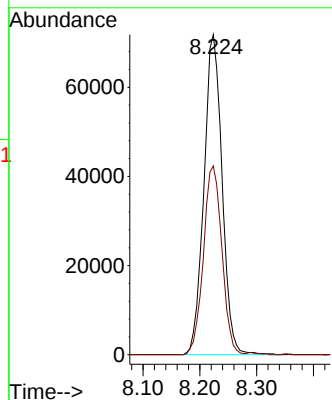
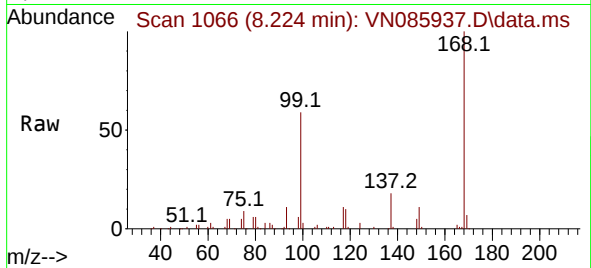




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085937.D
Acq: 11 Mar 2025 17:28

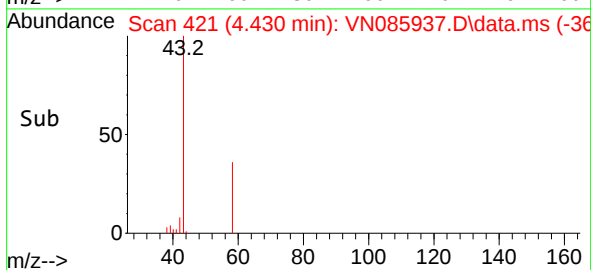
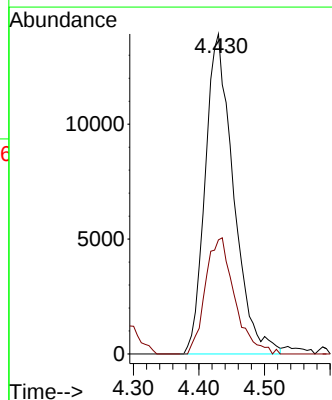
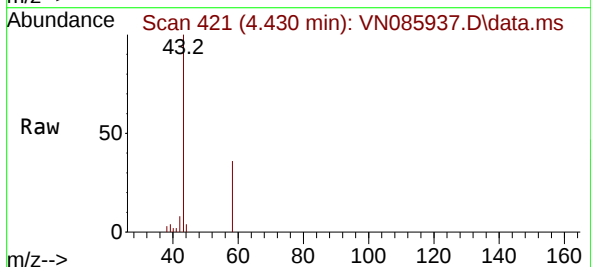
Instrument :
MSVOA_N
ClientSampleId :
PB167050ZHE#04

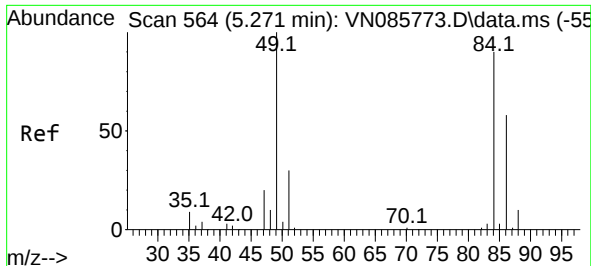
Tgt Ion:168 Resp: 159267
Ion Ratio Lower Upper
168 100
99 59.0 47.9 71.9



#16
Acetone
Concen: 63.955 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN085937.D
Acq: 11 Mar 2025 17:28

Tgt Ion: 43 Resp: 41785
Ion Ratio Lower Upper
43 100
58 35.7 27.5 41.3



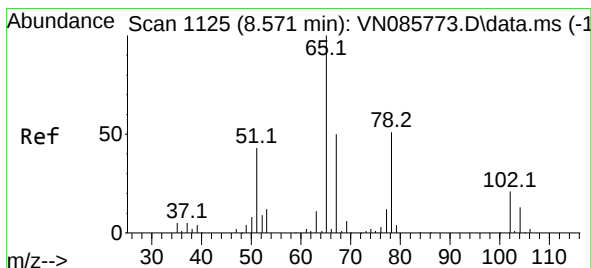
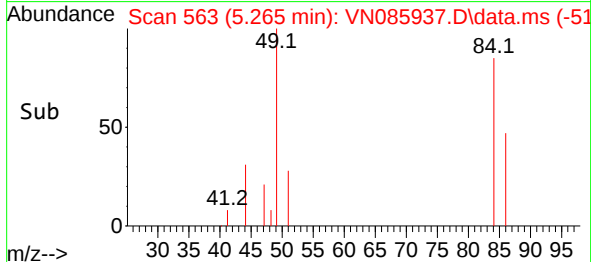
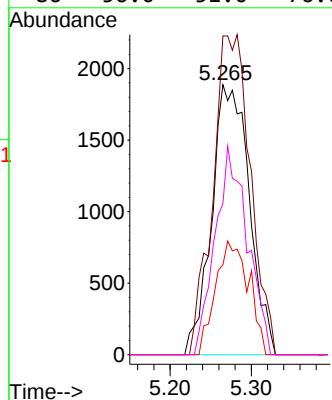
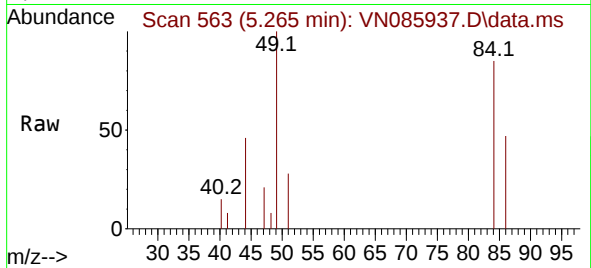


#20
Methylene Chloride
Concen: 2.878 ug/l
RT: 5.265 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN085937.D
Acq: 11 Mar 2025 17:28

Instrument :
MSVOA_N
ClientSampleId :
PB167050ZHE#04

Tgt Ion: 84 Resp: 6047

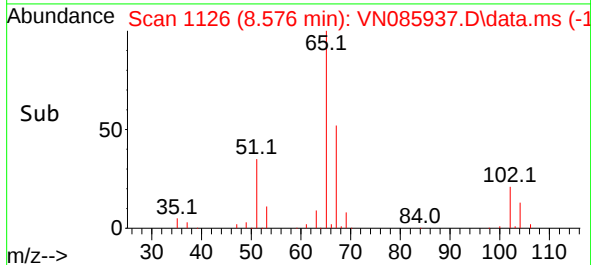
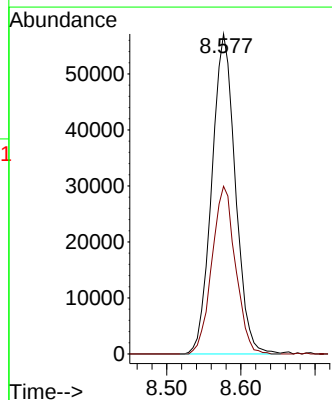
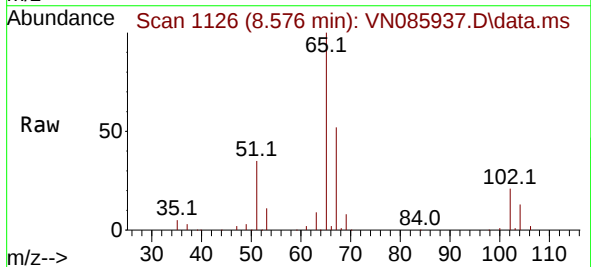
Ion	Ratio	Lower	Upper
84	100		
49	118.1	88.4	132.6
51	33.3	26.6	40.0
86	56.0	51.0	76.6

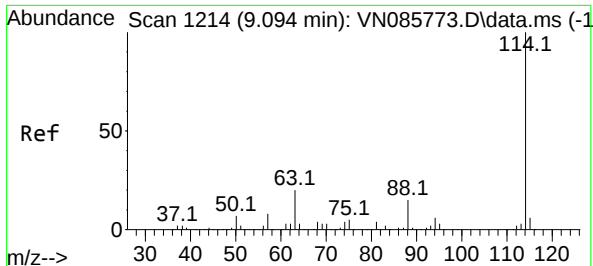


#33
1,2-Dichloroethane-d4
Concen: 61.062 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085937.D
Acq: 11 Mar 2025 17:28

Tgt Ion: 65 Resp: 126084

Ion	Ratio	Lower	Upper
65	100		
67	52.4	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: VN085937.D

Acq: 11 Mar 2025 17:28

Instrument :

MSVOA_N

ClientSampleId :

PB167050ZHE#04

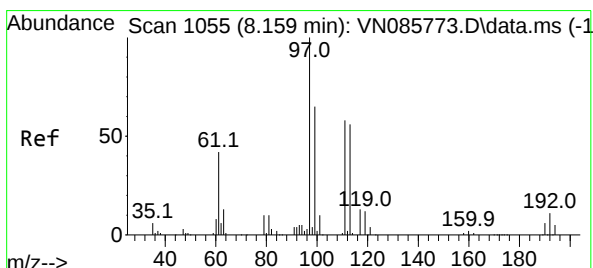
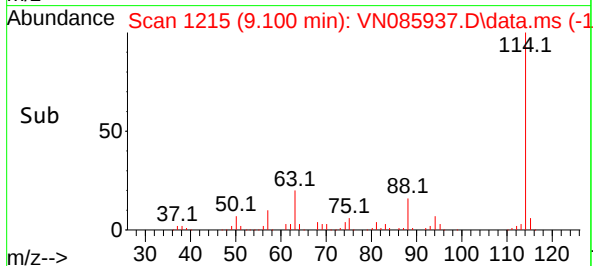
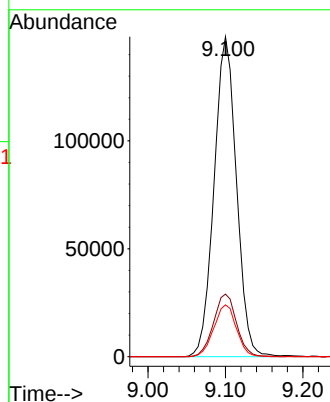
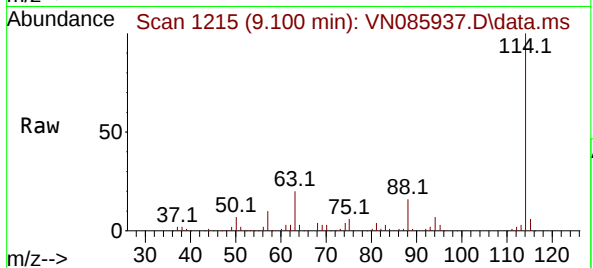
Tgt Ion:114 Resp: 297554

Ion Ratio Lower Upper

114 100

63 19.6 0.0 39.2

88 16.2 0.0 30.0



#35

Dibromofluoromethane

Concen: 54.753 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085937.D

Acq: 11 Mar 2025 17:28

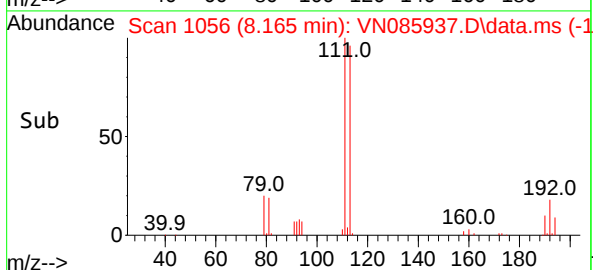
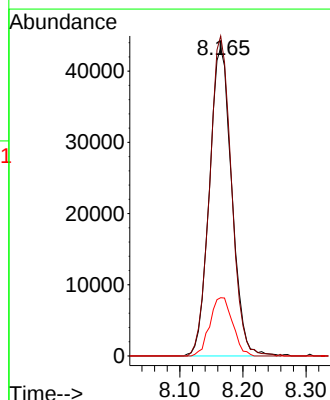
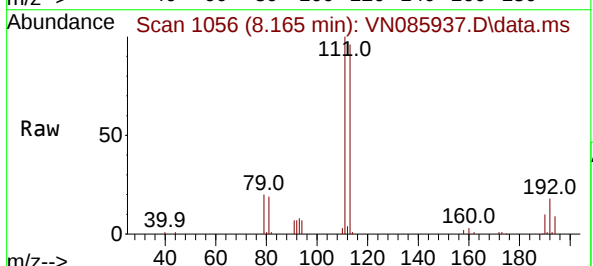
Tgt Ion:113 Resp: 106607

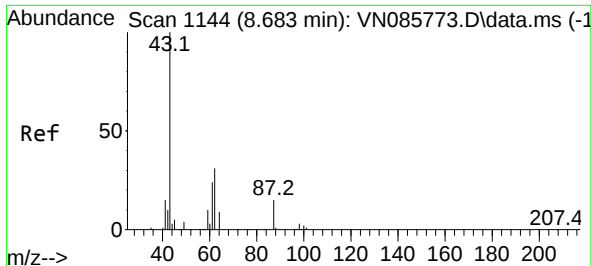
Ion Ratio Lower Upper

113 100

111 101.0 82.2 123.4

192 19.2 14.7 22.1

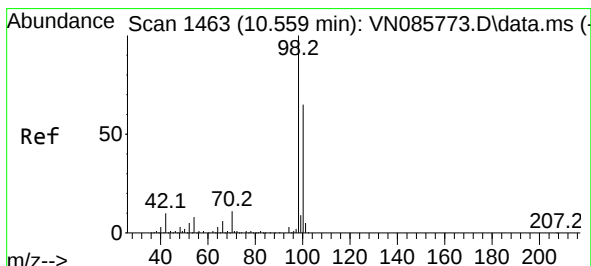
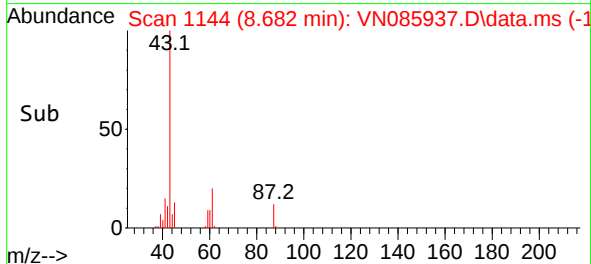
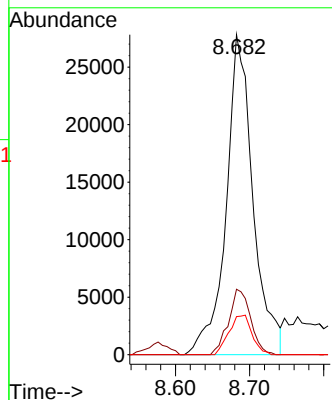
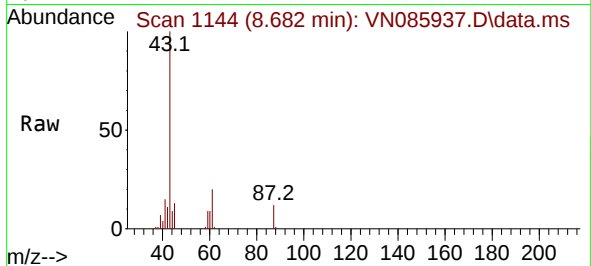




#43
Isopropyl Acetate
Concen: 17.242 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.001 min
Lab File: VN085937.D
Acq: 11 Mar 2025 17:28

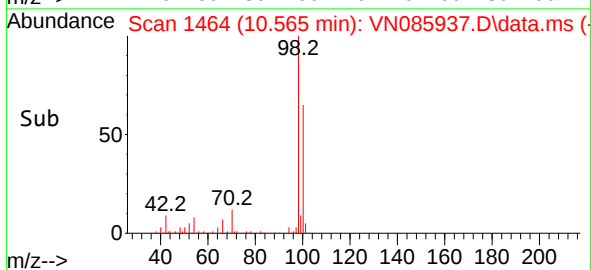
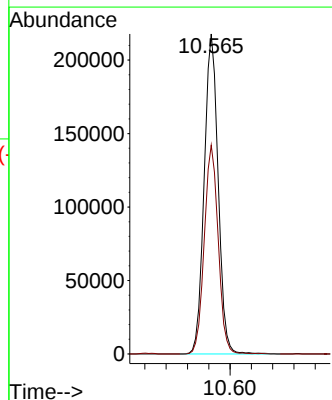
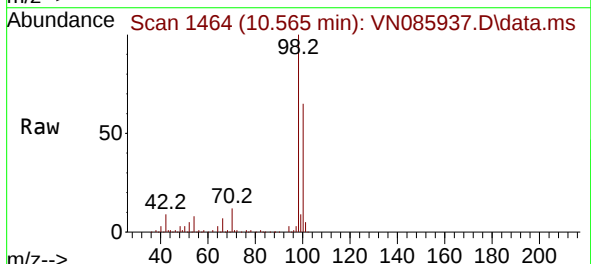
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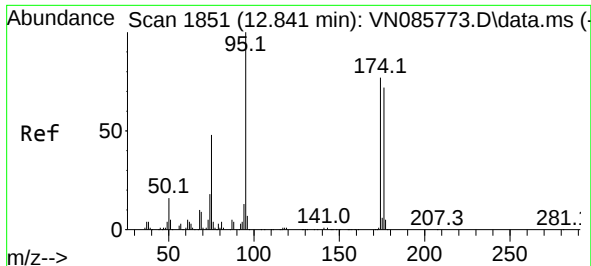
Tgt Ion: 43 Resp: 70043
Ion Ratio Lower Upper
43 100
61 16.8 22.6 34.0#
87 10.6 11.8 17.8#



#50
Toluene-d8
Concen: 55.903 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN085937.D
Acq: 11 Mar 2025 17:28

Tgt Ion: 98 Resp: 396017
Ion Ratio Lower Upper
98 100
100 65.1 52.1 78.1

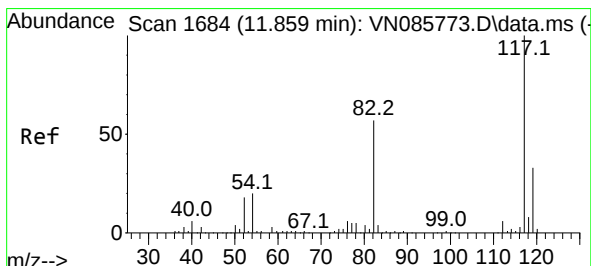
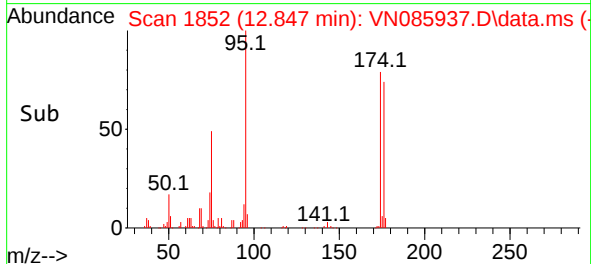
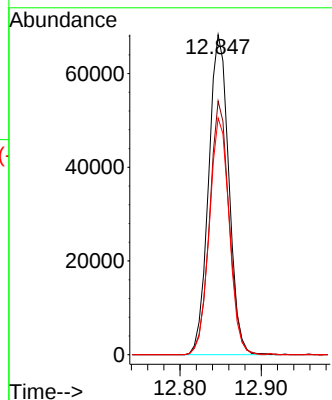
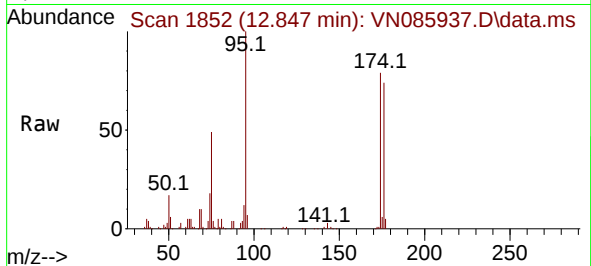




#62
4-Bromofluorobenzene
Concen: 50.418 ug/l
RT: 12.847 min Scan# 117676
Delta R.T. 0.006 min
Lab File: VN085937.D
Acq: 11 Mar 2025 17:28

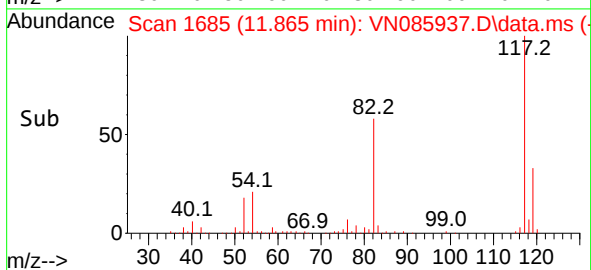
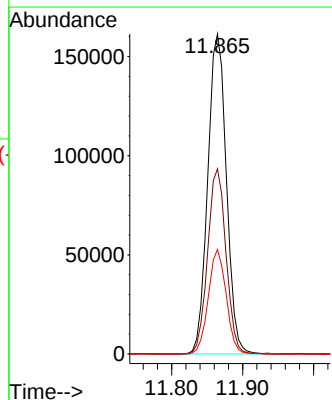
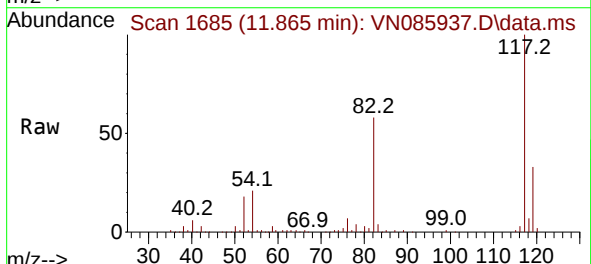
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PB167050ZHE#04

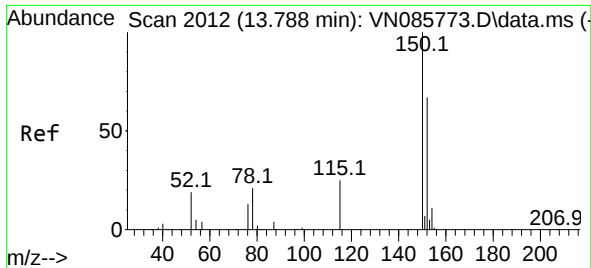
Tgt Ion:	95	Resp:	117676
Ion	Ratio	Lower	Upper
95	100		
174	77.0	0.0	152.4
176	73.0	0.0	146.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VN085937.D
Acq: 11 Mar 2025 17:28

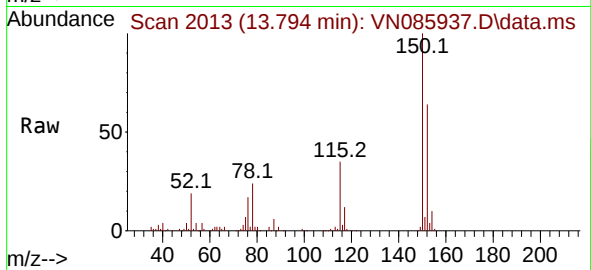
Tgt Ion:	117	Resp:	294332
Ion	Ratio	Lower	Upper
117	100		
82	57.9	45.7	68.5
119	32.6	26.2	39.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN085937.D
 Acq: 11 Mar 2025 17:28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167050ZHE#04



Tgt Ion:152 Resp: 105392
 Ion Ratio Lower Upper
 152 100
 115 59.5 30.4 91.3
 150 156.3 0.0 345.4

