

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030625\
 Data File : VN085910.D
 Acq On : 06 Mar 2025 19:55
 Operator : JC\MD
 Sample : PB166989ZHE#12
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB166989ZHE#12

Quant Time: Mar 07 00:45:08 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)

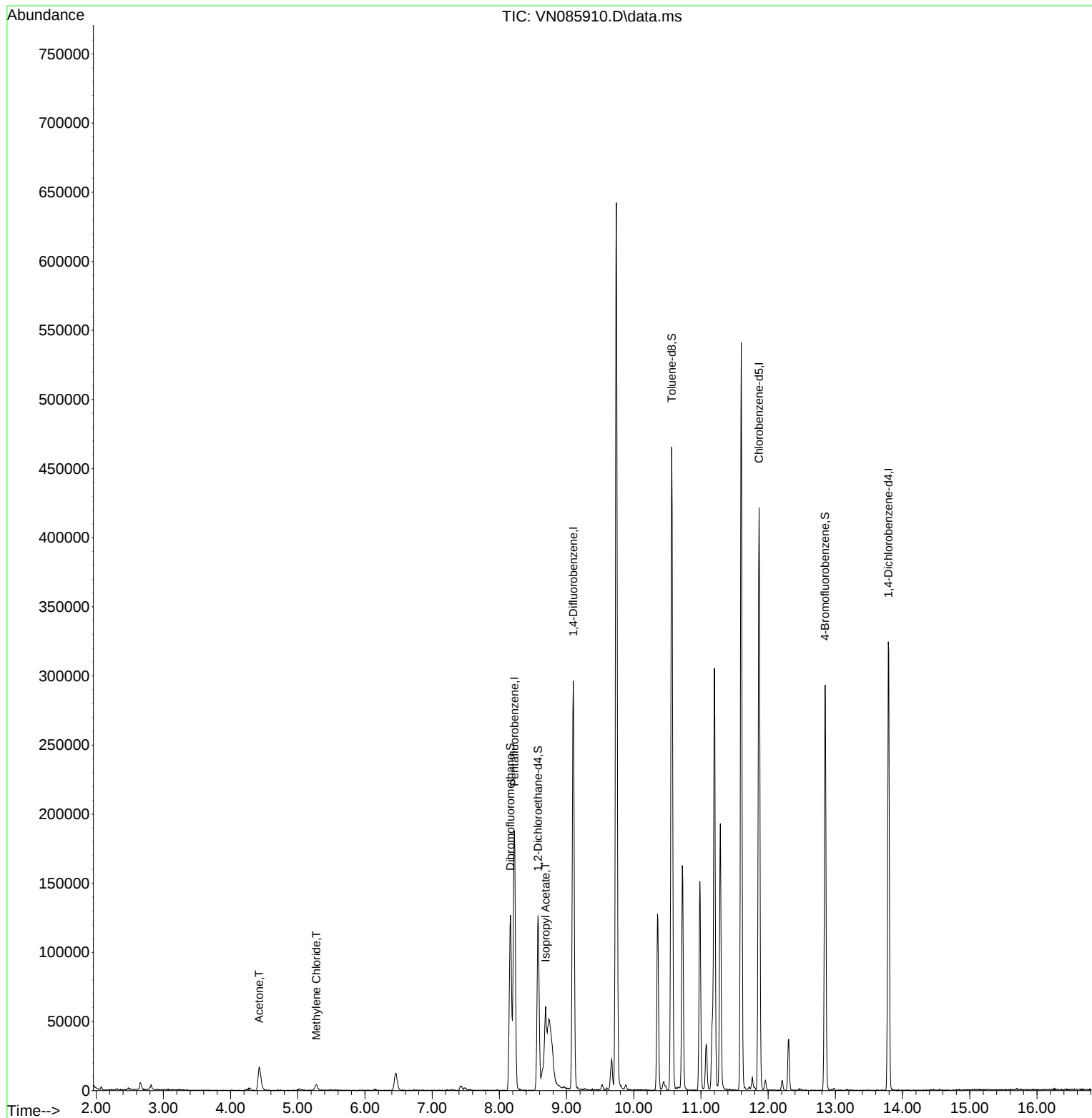
Internal Standards						
1) Pentafluorobenzene	8.224	168	140752	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	262601	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	249216	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	91807	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	105229	57.666	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 115.340%			
35) Dibromofluoromethane	8.165	113	90798	52.841	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.680%			
50) Toluene-d8	10.565	98	332319	53.155	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.320%			
62) 4-Bromofluorobenzene	12.847	95	100628	48.852	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 97.700%			
Target Compounds						Qvalue
16) Acetone	4.424	43	32347	56.022	ug/l	98
20) Methylene Chloride	5.277	84	3845	2.071	ug/l	86
43) Isopropyl Acetate	8.688	43	65841m	18.401	ug/l	

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

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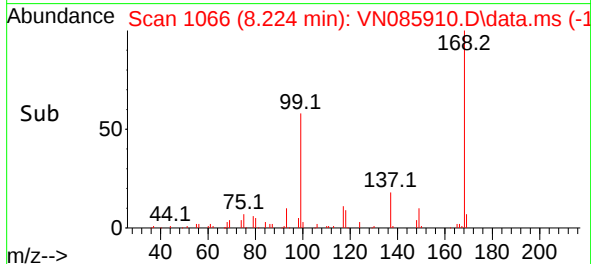
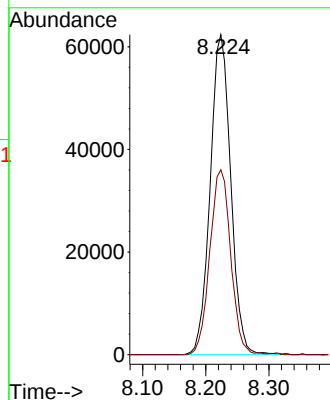
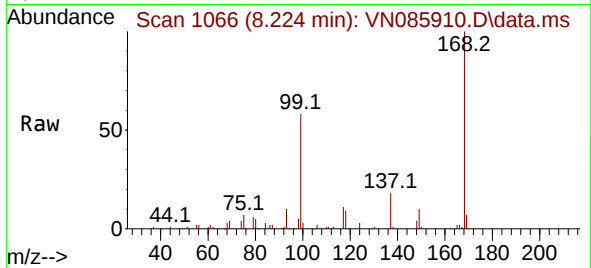




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1065
Delta R.T. 0.006 min
Lab File: VN085910.D
Acq: 06 Mar 2025 19:55

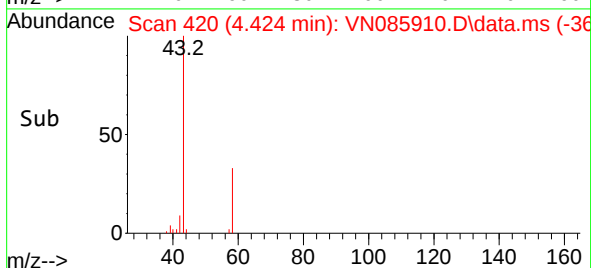
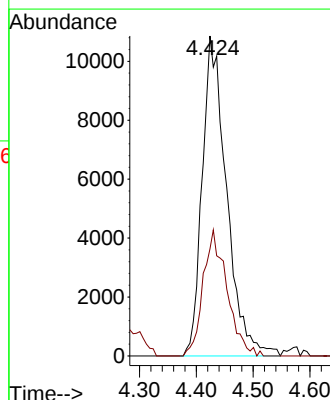
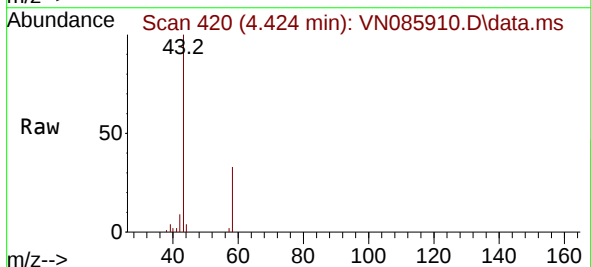
Instrument :
MSVOA_N
ClientSampleId :
PB166989ZHE#12

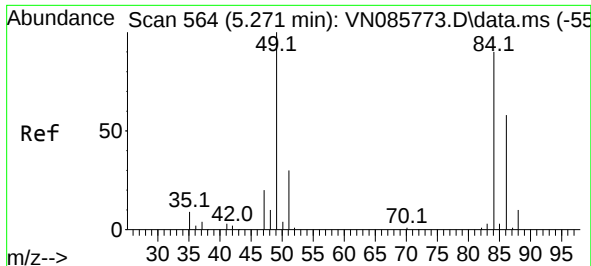
Tgt Ion:168 Resp: 140752
Ion Ratio Lower Upper
168 100
99 57.8 47.9 71.9



#16
Acetone
Concen: 56.022 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN085910.D
Acq: 06 Mar 2025 19:55

Tgt Ion: 43 Resp: 32347
Ion Ratio Lower Upper
43 100
58 33.5 27.5 41.3





#20

Methylene Chloride

Concen: 2.071 ug/l

RT: 5.277 min Scan# 5

Delta R.T. 0.006 min

Lab File: VN085910.D

Acq: 06 Mar 2025 19:55

Instrument :

MSVOA_N

ClientSampleId :

PB166989ZHE#12

Tgt Ion: 84 Resp: 3845

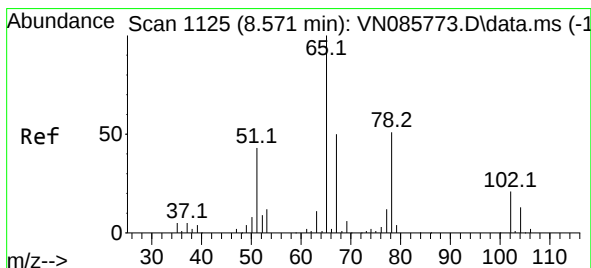
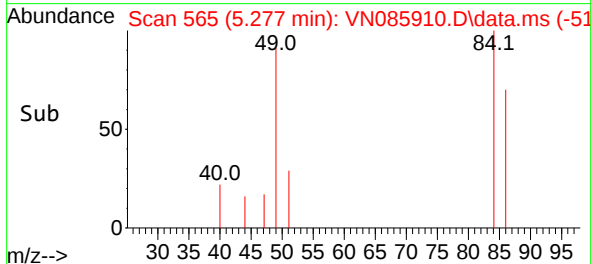
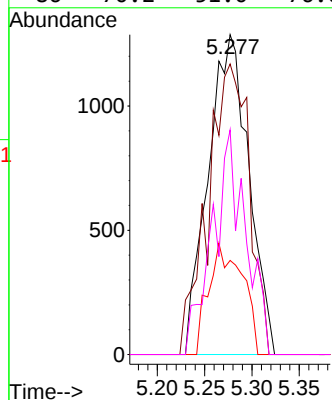
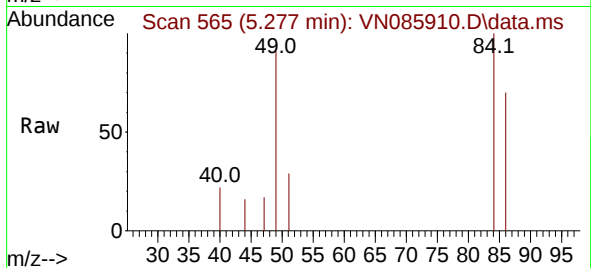
Ion Ratio Lower Upper

84 100

49 90.8 88.4 132.6

51 29.4 26.6 40.0

86 70.2 51.0 76.6



#33

1,2-Dichloroethane-d4

Concen: 57.666 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VN085910.D

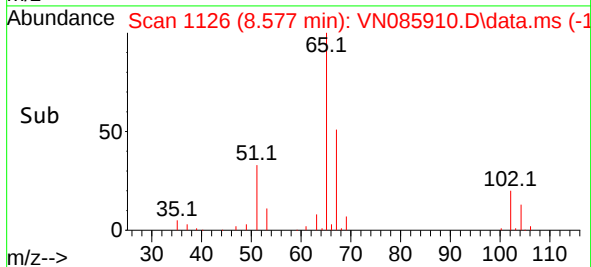
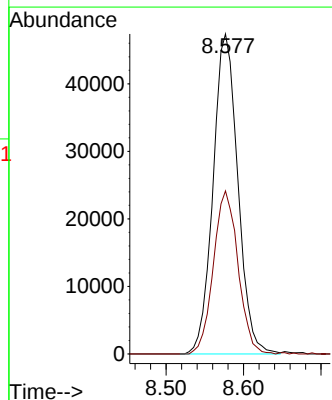
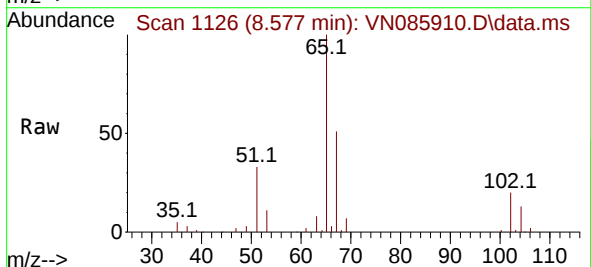
Acq: 06 Mar 2025 19:55

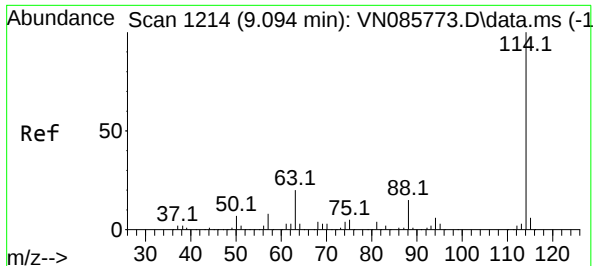
Tgt Ion: 65 Resp: 105229

Ion Ratio Lower Upper

65 100

67 50.6 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: VN085910.D

Acq: 06 Mar 2025 19:55

Instrument :

MSVOA_N

ClientSampleId :

PB166989ZHE#12

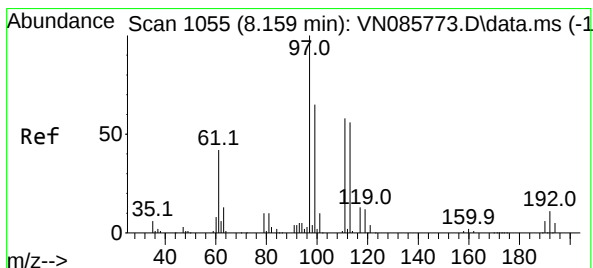
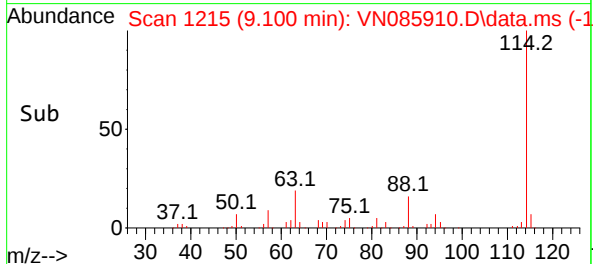
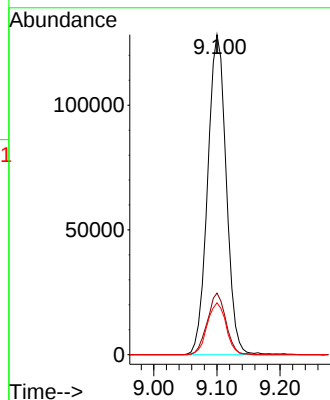
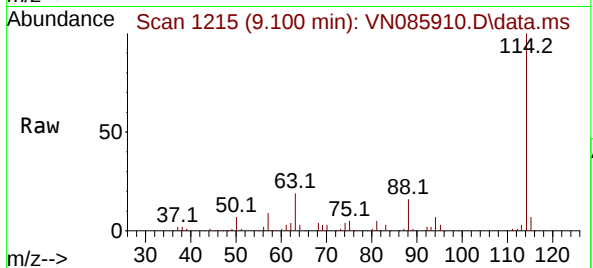
Tgt Ion:114 Resp: 262601

Ion Ratio Lower Upper

114 100

63 19.2 0.0 39.2

88 16.2 0.0 30.0



#35

Dibromofluoromethane

Concen: 52.841 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085910.D

Acq: 06 Mar 2025 19:55

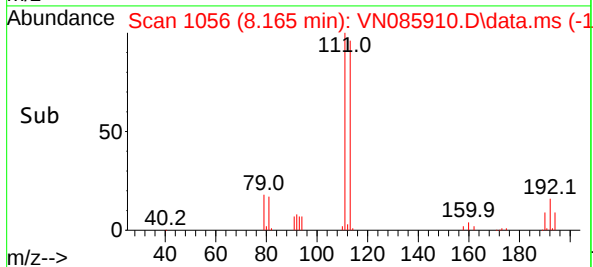
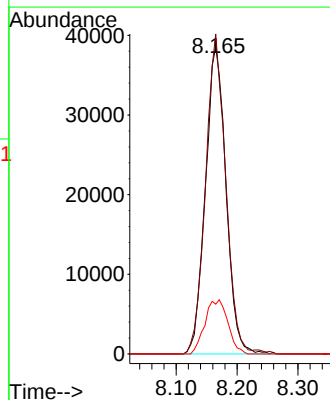
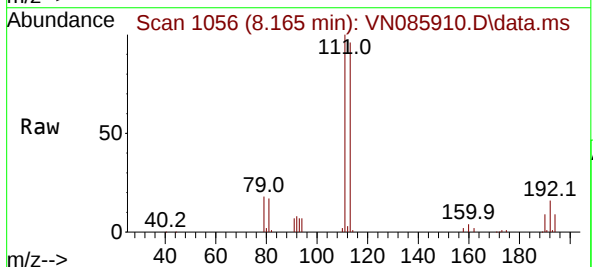
Tgt Ion:113 Resp: 90798

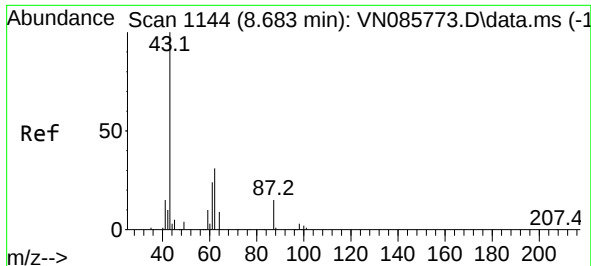
Ion Ratio Lower Upper

113 100

111 102.0 82.2 123.4

192 19.6 14.7 22.1

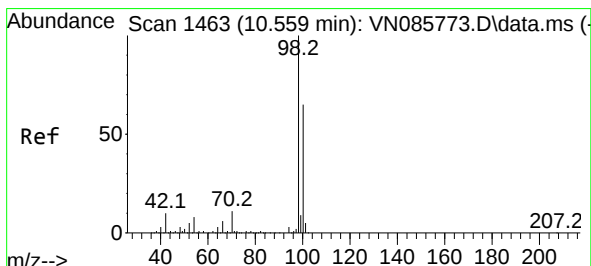
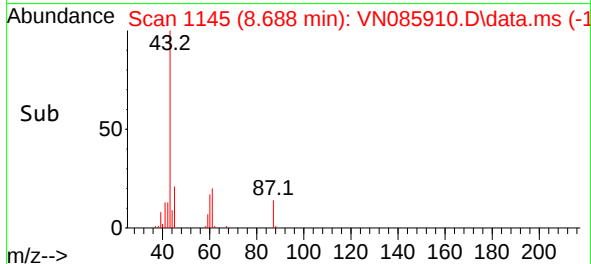
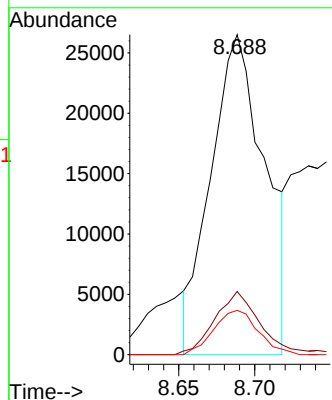
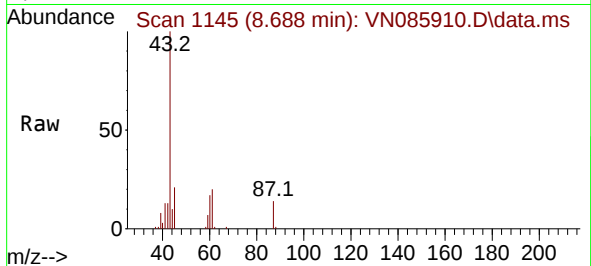




#43
Isopropyl Acetate
Concen: 18.401 ug/l m
RT: 8.688 min Scan# 1145
Delta R.T. 0.005 min
Lab File: VN085910.D
Acq: 06 Mar 2025 19:55

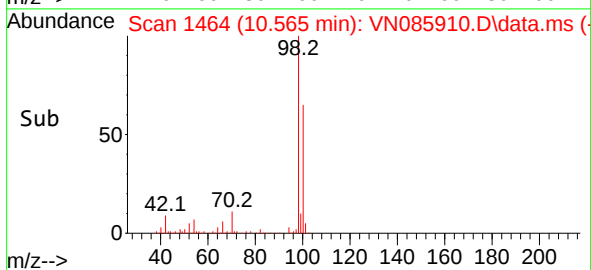
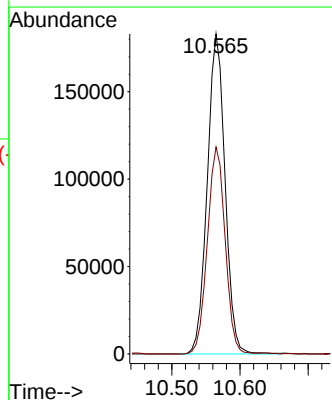
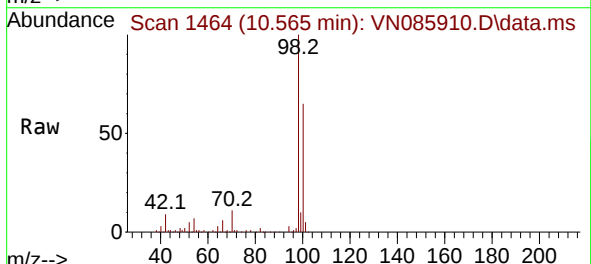
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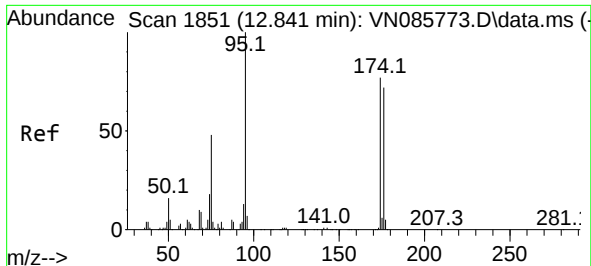
Tgt Ion: 43 Resp: 65841
Ion Ratio Lower Upper
43 100
61 16.7 22.6 34.0#
87 11.4 11.8 17.8#



#50
Toluene-d8
Concen: 53.155 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN085910.D
Acq: 06 Mar 2025 19:55

Tgt Ion: 98 Resp: 332319
Ion Ratio Lower Upper
98 100
100 64.6 52.1 78.1

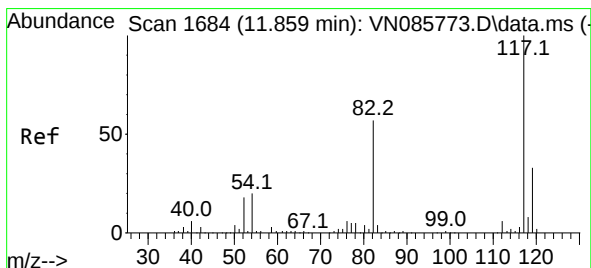
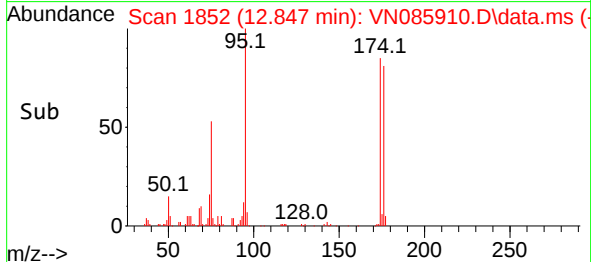
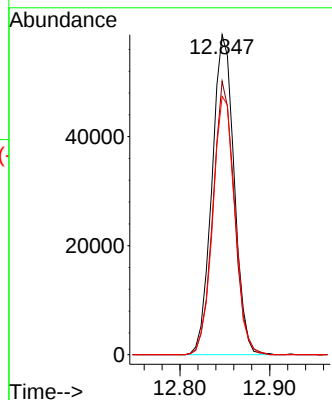
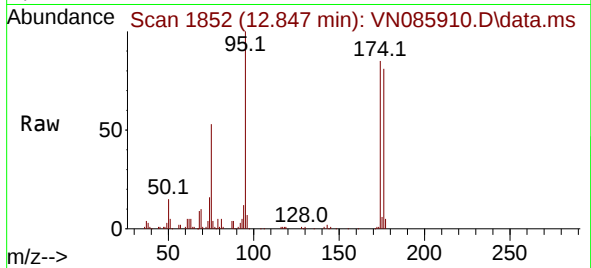




#62
4-Bromofluorobenzene
Concen: 48.852 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085910.D
Acq: 06 Mar 2025 19:55

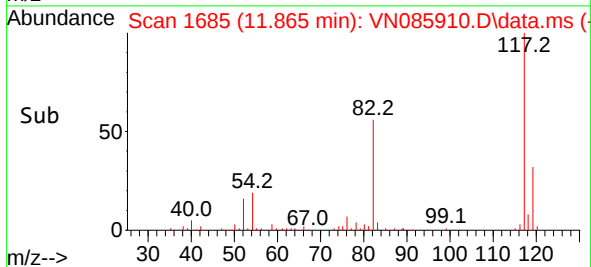
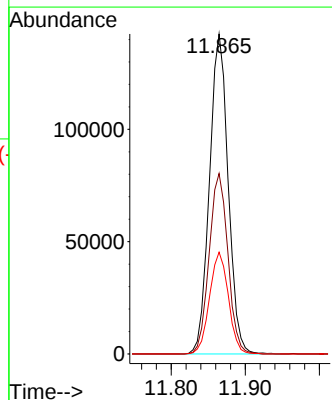
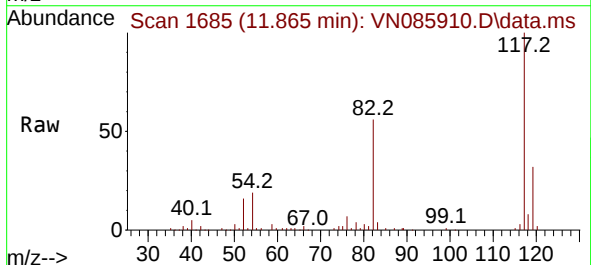
Instrument :
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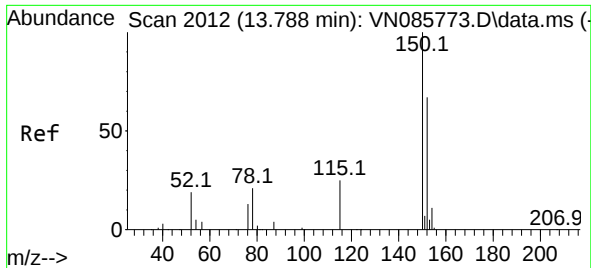
Tgt Ion: 95 Resp: 100628
Ion Ratio Lower Upper
95 100
174 82.2 0.0 152.4
176 80.4 0.0 146.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VN085910.D
Acq: 06 Mar 2025 19:55

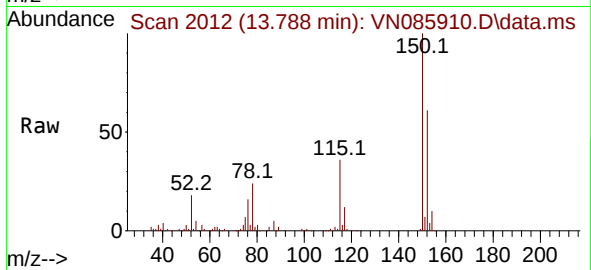
Tgt Ion: 117 Resp: 249216
Ion Ratio Lower Upper
117 100
82 56.4 45.7 68.5
119 31.8 26.2 39.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN085910.D
 Acq: 06 Mar 2025 19:55

Instrument :
 MSVOA_N
 ClientSampleId :
 PB166989ZHE#12



Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.9	30.4	91.3
150	160.5	0.0	345.4

