

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030625\
 Data File : VN085912.D
 Acq On : 06 Mar 2025 20:44
 Operator : JC\MD
 Sample : PB166989ZHE#14
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB166989ZHE#14

Quant Time: Mar 07 00:46:07 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)

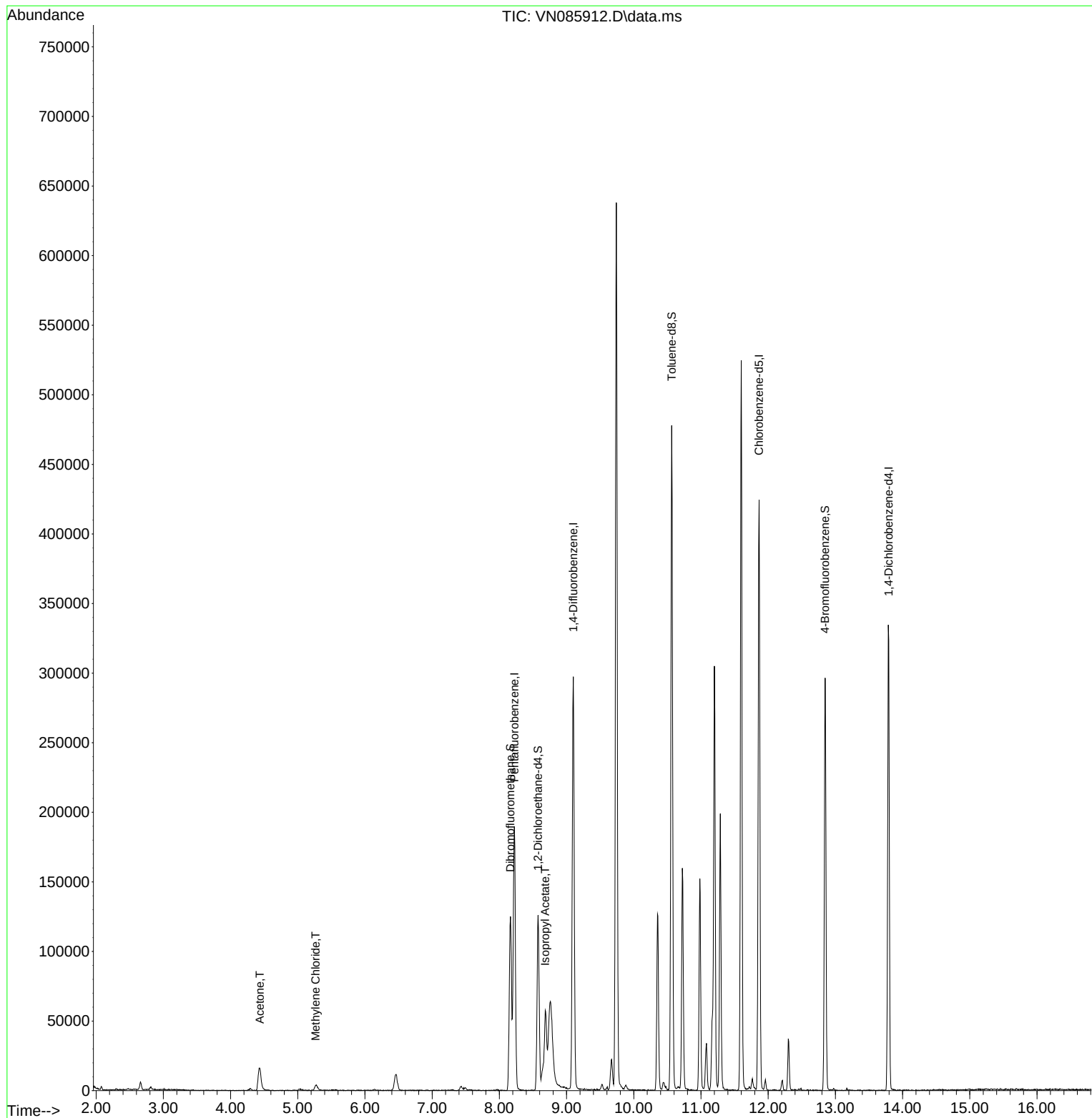
Internal Standards						
1) Pentafluorobenzene	8.224	168	140497	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	261827	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	252671	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	95320	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	107299	58.907	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 117.820%			
35) Dibromofluoromethane	8.165	113	90609	52.887	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.780%			
50) Toluene-d8	10.565	98	331225	53.137	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.280%			
62) 4-Bromofluorobenzene	12.847	95	102833	50.070	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 100.140%			
Target Compounds						
16) Acetone	4.436	43	32846	56.989	ug/l #	86
20) Methylene Chloride	5.265	84	3602	1.943	ug/l #	73
43) Isopropyl Acetate	8.683	43	63795m	17.866	ug/l	

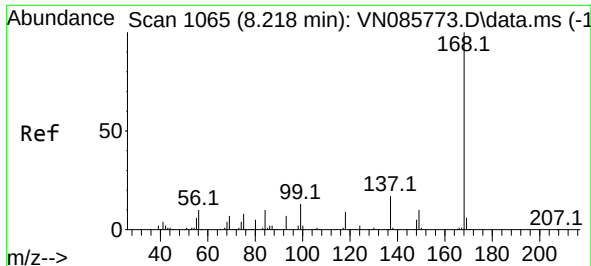
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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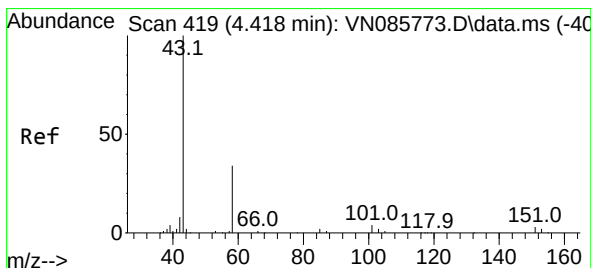
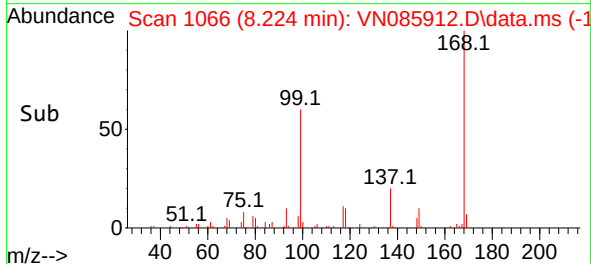
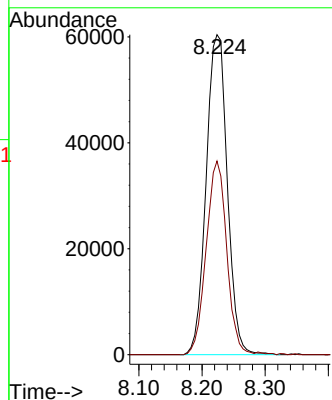
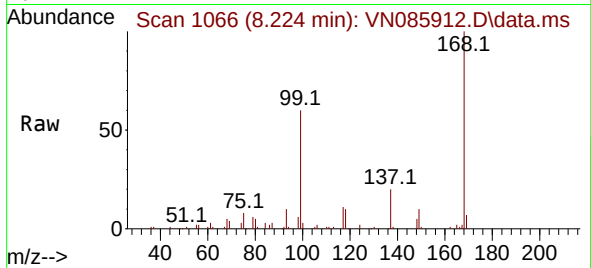




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085912.D
Acq: 06 Mar 2025 20:44

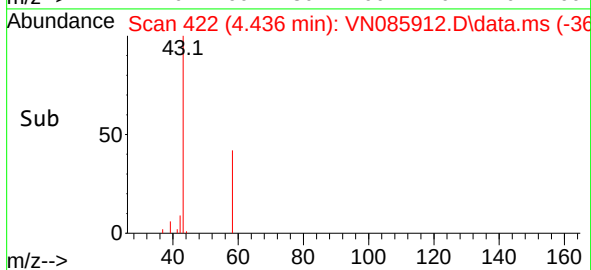
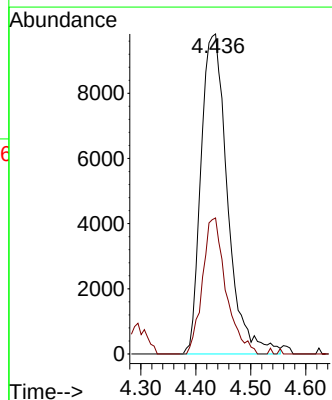
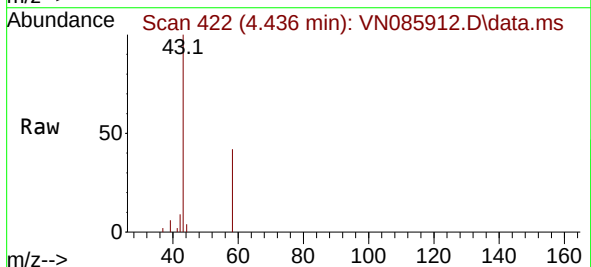
Instrument :
MSVOA_N
ClientSampleId :
PB166989ZHE#14

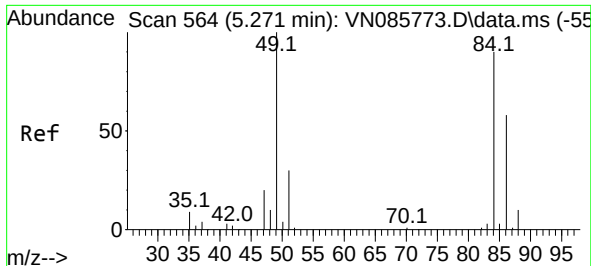
Tgt Ion:168 Resp: 140497
Ion Ratio Lower Upper
168 100
99 60.5 47.9 71.9



#16
Acetone
Concen: 56.989 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.018 min
Lab File: VN085912.D
Acq: 06 Mar 2025 20:44

Tgt Ion: 43 Resp: 32846
Ion Ratio Lower Upper
43 100
58 42.5 27.5 41.3#

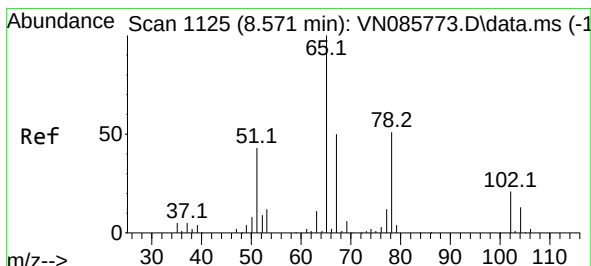
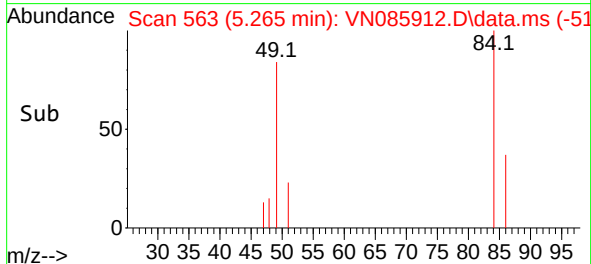
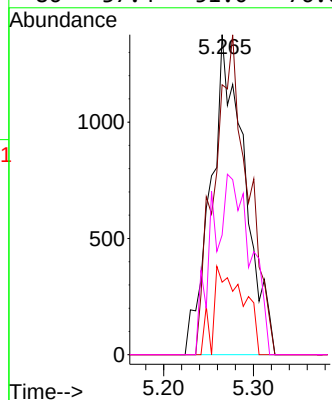
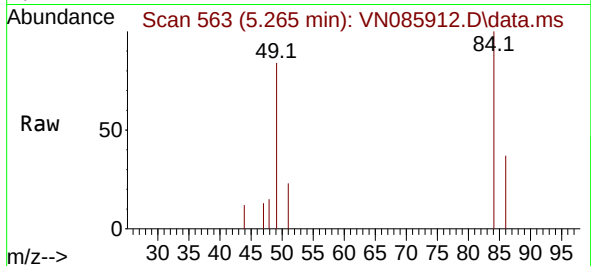




#20
Methylene Chloride
Concen: 1.943 ug/l
RT: 5.265 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN085912.D
Acq: 06 Mar 2025 20:44

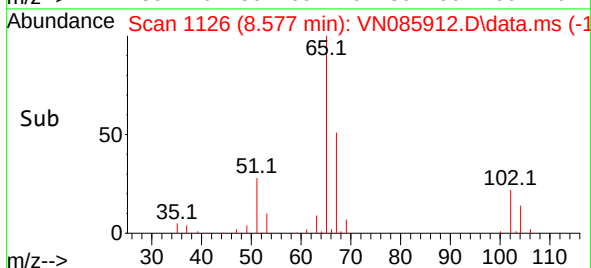
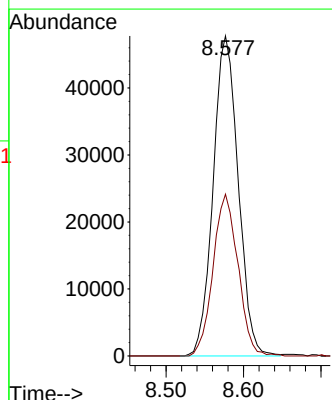
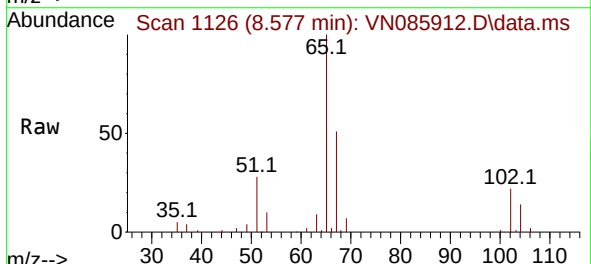
Instrument :
MSVOA_N
ClientSampleId :
PB166989ZHE#14

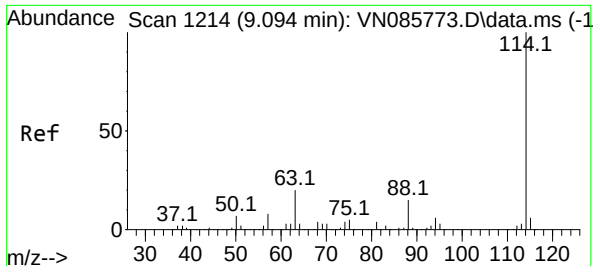
Tgt Ion: 84	Resp: 3602
Ion Ratio	Lower Upper
84 100	
49 84.4	88.4 132.6#
51 22.7	26.6 40.0#
86 37.4	51.0 76.6#



#33
1,2-Dichloroethane-d4
Concen: 58.907 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085912.D
Acq: 06 Mar 2025 20:44

Tgt Ion: 65	Resp: 107299
Ion Ratio	Lower Upper
65 100	
67 50.3	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: VN085912.D

Acq: 06 Mar 2025 20:44

Instrument :

MSVOA_N

ClientSampleId :

PB166989ZHE#14

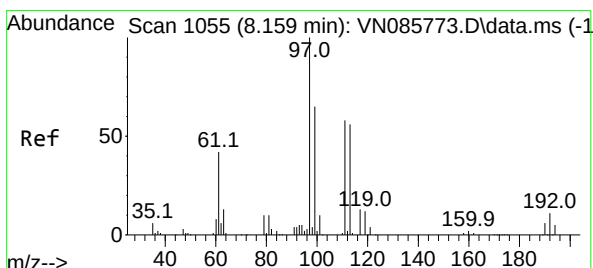
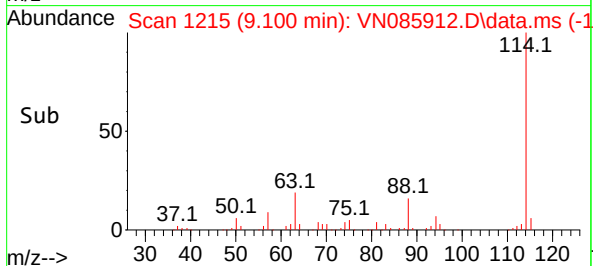
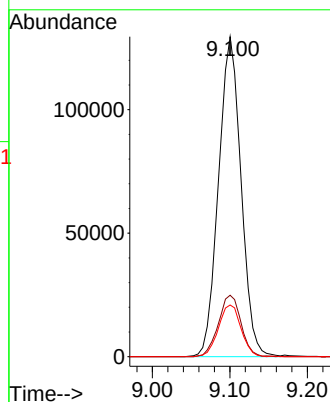
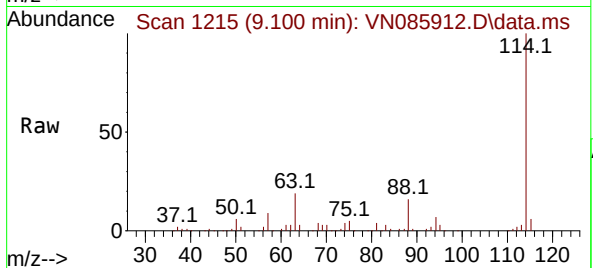
Tgt Ion:114 Resp: 261827

Ion Ratio Lower Upper

114 100

63 19.2 0.0 39.2

88 16.2 0.0 30.0



#35

Dibromofluoromethane

Concen: 52.887 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085912.D

Acq: 06 Mar 2025 20:44

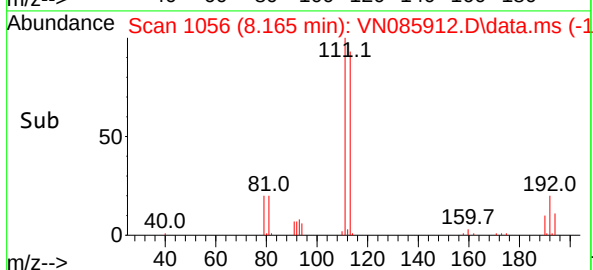
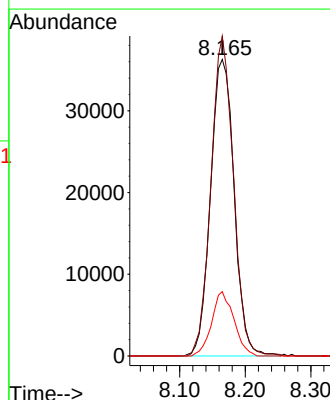
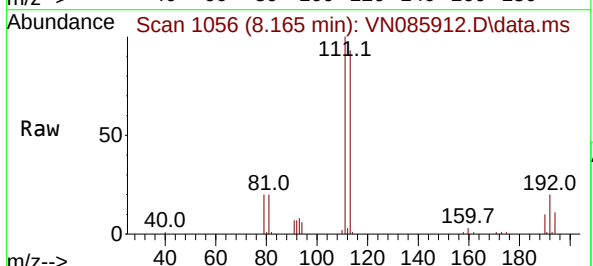
Tgt Ion:113 Resp: 90609

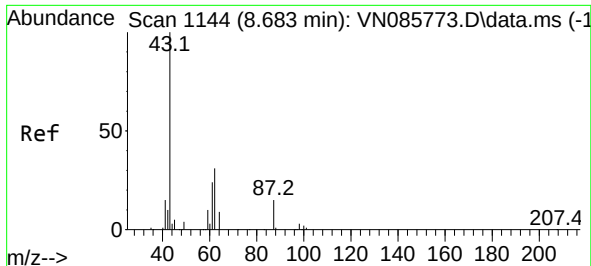
Ion Ratio Lower Upper

113 100

111 102.6 82.2 123.4

192 20.4 14.7 22.1

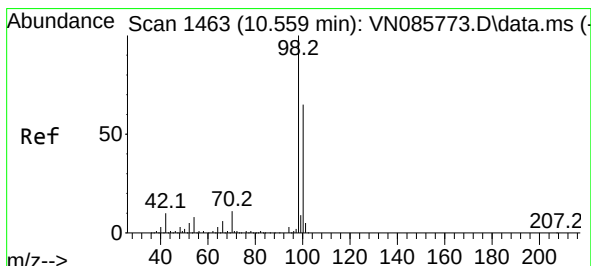
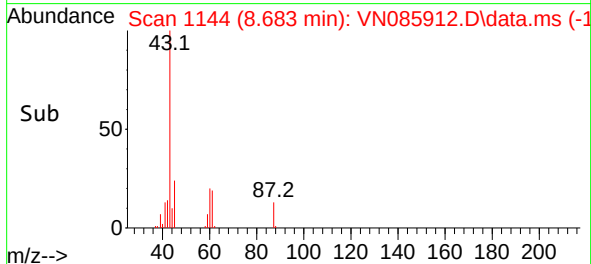
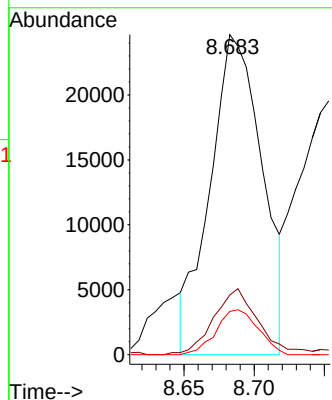
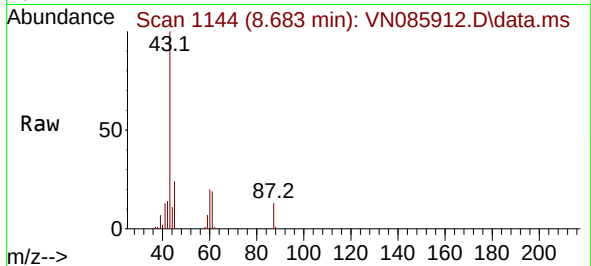




#43
Isopropyl Acetate
Concen: 17.866 ug/l m
RT: 8.683 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VN085912.D
Acq: 06 Mar 2025 20:44

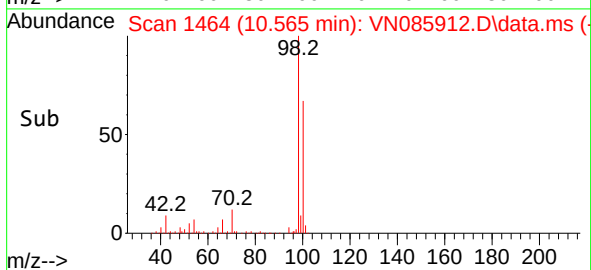
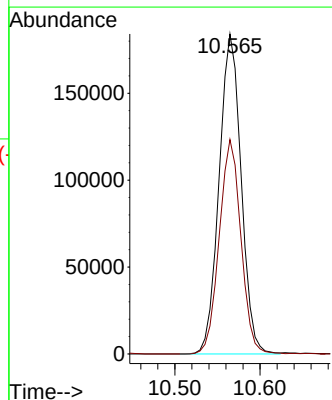
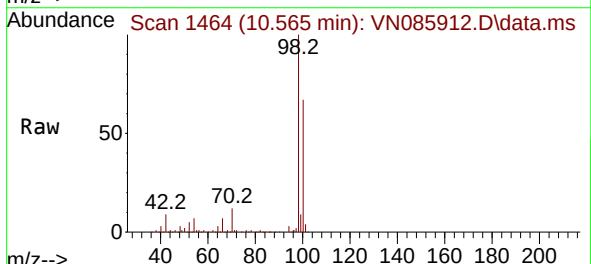
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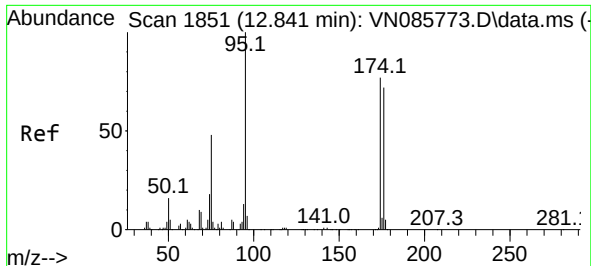
Tgt Ion: 43 Resp: 63795
Ion Ratio Lower Upper
43 100
61 17.7 22.6 34.0#
87 11.4 11.8 17.8#



#50
Toluene-d8
Concen: 53.137 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN085912.D
Acq: 06 Mar 2025 20:44

Tgt Ion: 98 Resp: 331225
Ion Ratio Lower Upper
98 100
100 66.0 52.1 78.1

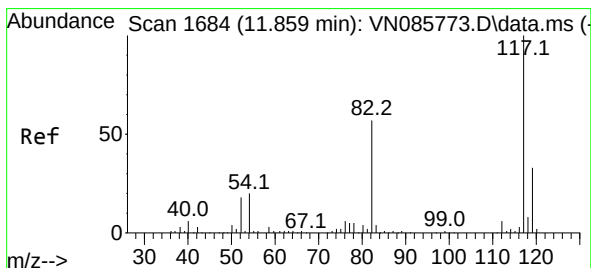
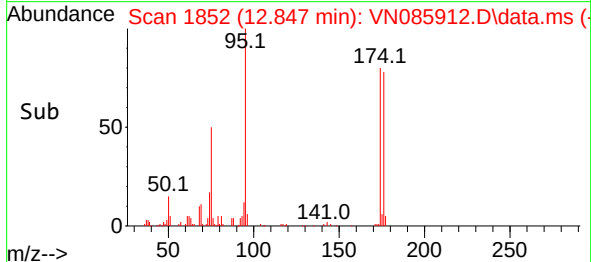
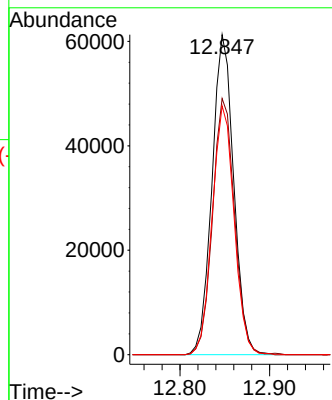
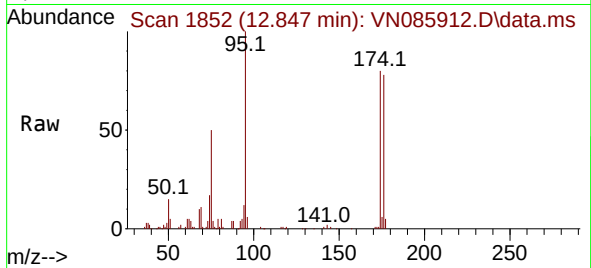




#62
4-Bromofluorobenzene
Concen: 50.070 ug/l
RT: 12.847 min Scan# 1851
Delta R.T. 0.006 min
Lab File: VN085912.D
Acq: 06 Mar 2025 20:44

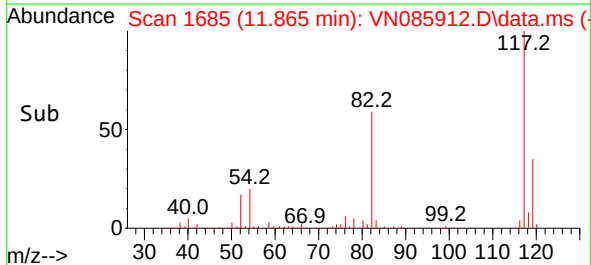
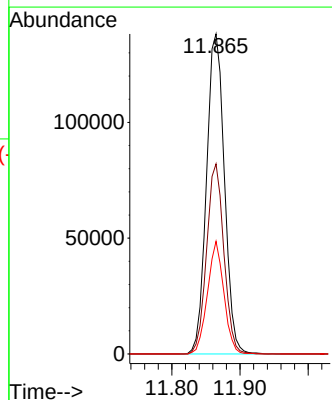
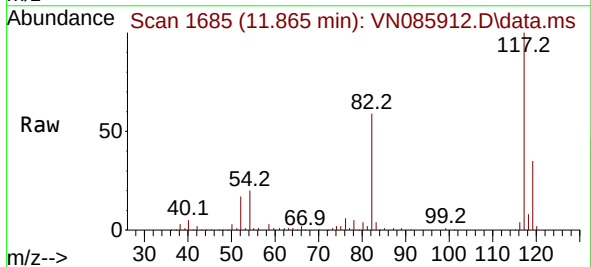
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PB166989ZHE#14

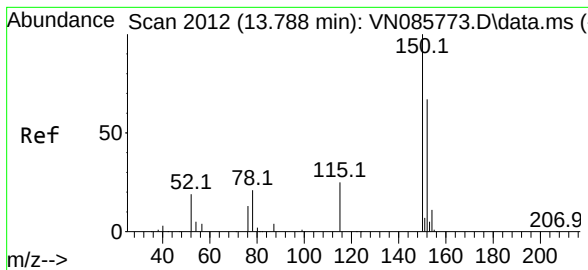
Tgt Ion: 95 Resp: 102833
Ion Ratio Lower Upper
95 100
174 81.2 0.0 152.4
176 78.6 0.0 146.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VN085912.D
Acq: 06 Mar 2025 20:44

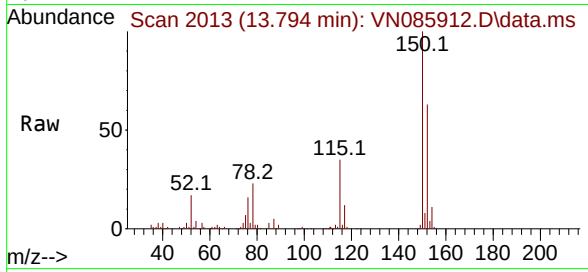
Tgt Ion: 117 Resp: 252671
Ion Ratio Lower Upper
117 100
82 59.4 45.7 68.5
119 35.2 26.2 39.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN085912.D
 Acq: 06 Mar 2025 20:44

Instrument :
 MSVOA_N
 ClientSampleId :
 PB166989ZHE#14



Tgt Ion:	152	Resp:	95320
Ion Ratio	Lower	Upper	
152	100		
115	59.6	30.4	91.3
150	161.3	0.0	345.4

