

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033125\
 Data File : VN086184.D
 Acq On : 31 Mar 2025 21:04
 Operator : JC\MD
 Sample : Q1674-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RT5358

Quant Time: Apr 01 05:23:52 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 19 03:20:56 2025
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

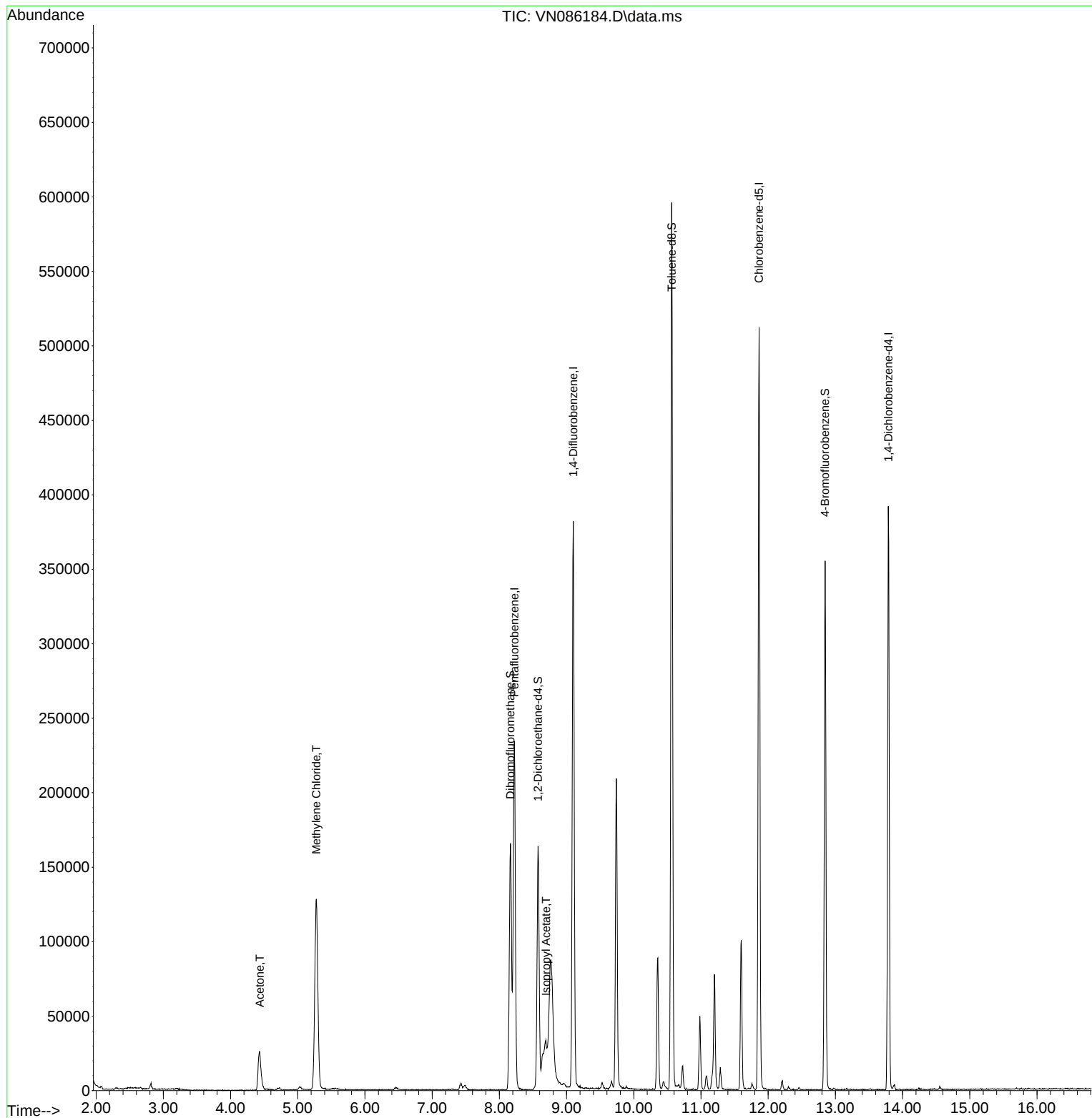
Internal Standards						
1) Pentafluorobenzene	8.224	168	168391	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	332486	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	301902	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	112961	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	132677	57.539	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	115.080%
35) Dibromofluoromethane	8.165	113	120041	51.726	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.460%
50) Toluene-d8	10.565	98	415940	49.384	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.760%
62) 4-Bromofluorobenzene	12.847	95	122296	40.715	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	81.420%
Target Compounds						
						Qvalue
16) Acetone	4.436	43	49146	69.764	ug/l	98
20) Methylene Chloride	5.277	84	106507	51.681	ug/l	98
43) Isopropyl Acetate	8.694	43	44265	7.924	ug/l #	58

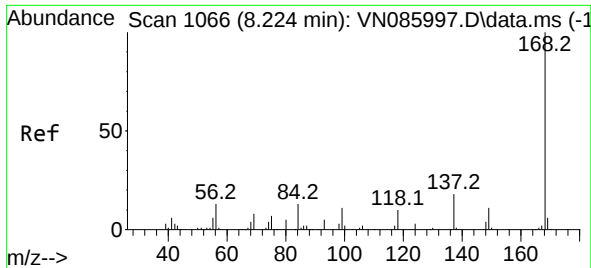
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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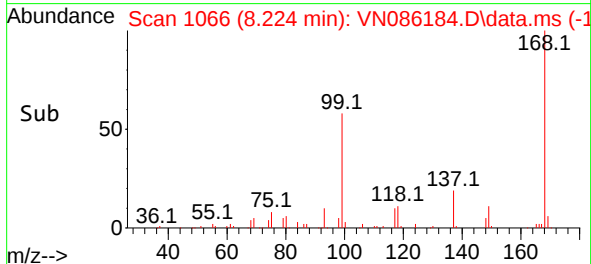
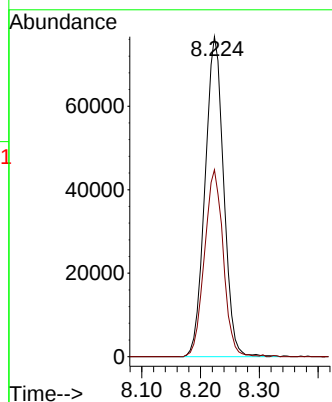
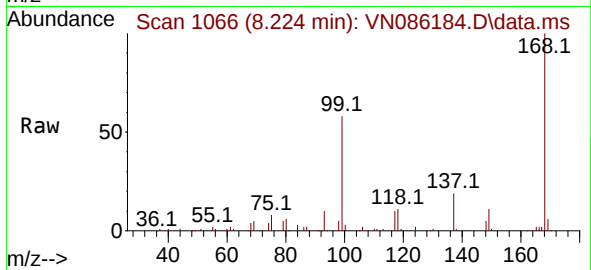




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086184.D
Acq: 31 Mar 2025 21:04

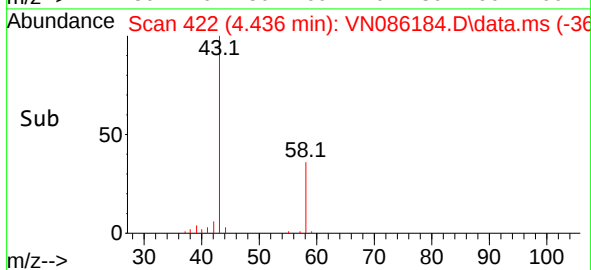
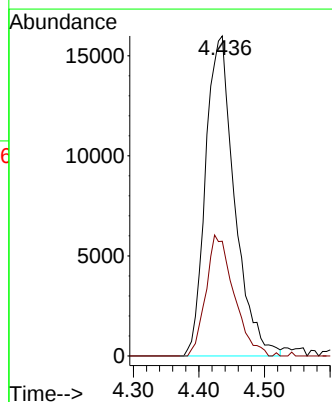
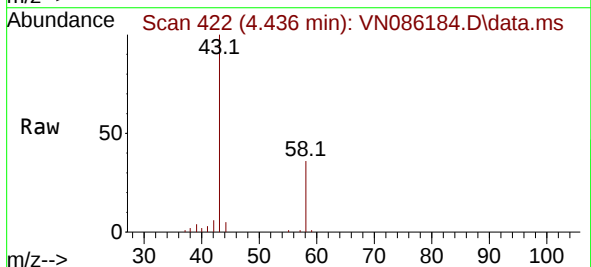
Instrument :
MSVOA_N
ClientSampleId :
RT5358

Tgt Ion:168 Resp: 168391
Ion Ratio Lower Upper
168 100
99 58.4 49.4 74.2



#16
Acetone
Concen: 69.764 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN086184.D
Acq: 31 Mar 2025 21:04

Tgt Ion: 43 Resp: 49146
Ion Ratio Lower Upper
43 100
58 35.9 29.4 44.2



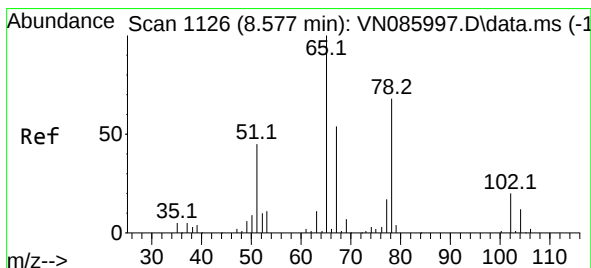
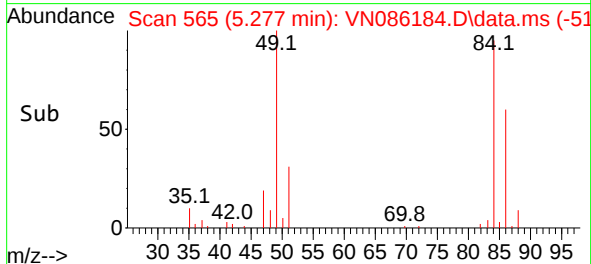
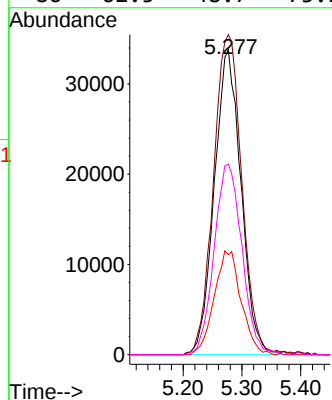
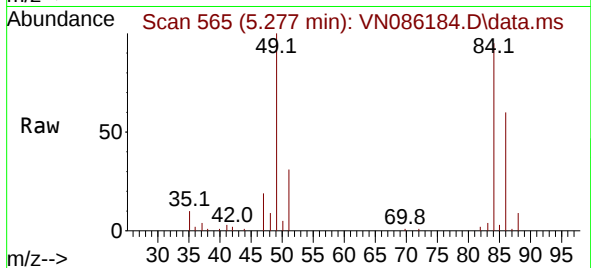


#20
Methylene Chloride
Concen: 51.681 ug/l
RT: 5.277 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN086184.D
Acq: 31 Mar 2025 21:04

Instrument :
MSVOA_N
ClientSampleId :
RT5358

Tgt Ion: 84 Resp: 106507

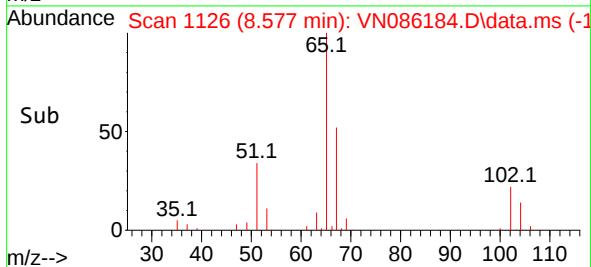
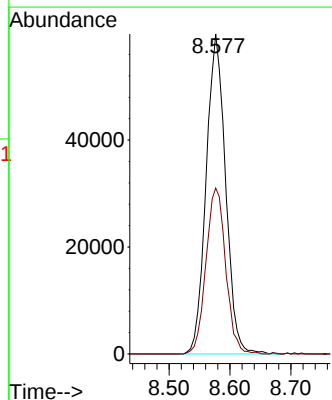
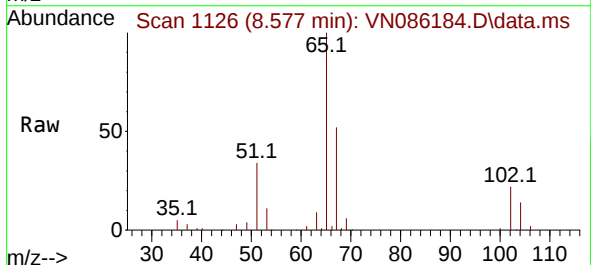
Ion	Ratio	Lower	Upper
84	100		
49	104.9	83.3	124.9
51	32.8	24.8	37.2
86	62.5	48.7	73.1

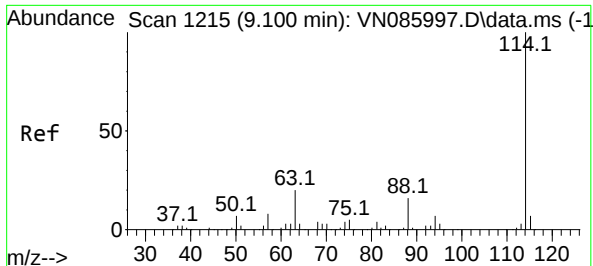


#33
1,2-Dichloroethane-d4
Concen: 57.539 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086184.D
Acq: 31 Mar 2025 21:04

Tgt Ion: 65 Resp: 132677

Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	102.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN086184.D

Acq: 31 Mar 2025 21:04

Instrument :

MSVOA_N

ClientSampleId :

RT5358

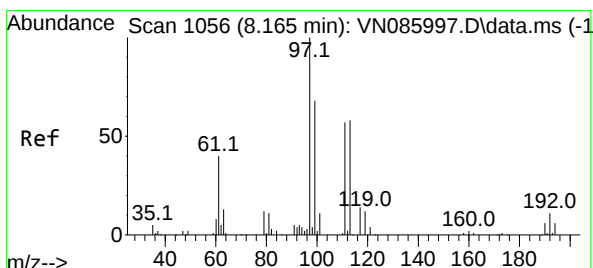
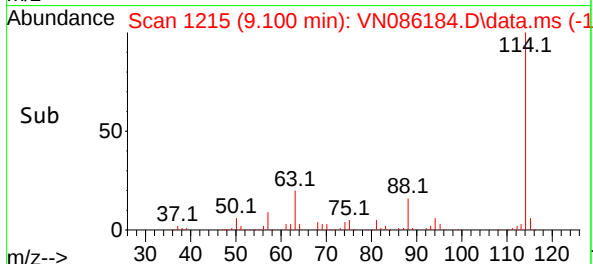
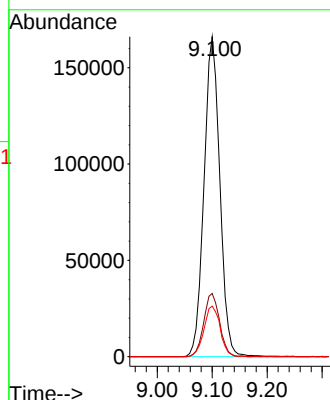
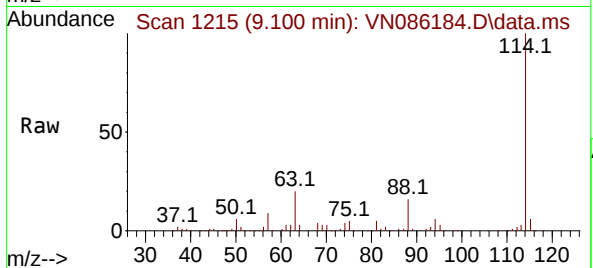
Tgt Ion:114 Resp: 332486

Ion Ratio Lower Upper

114 100

63 19.8 0.0 39.6

88 15.8 0.0 32.6



#35

Dibromofluoromethane

Concen: 51.726 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN086184.D

Acq: 31 Mar 2025 21:04

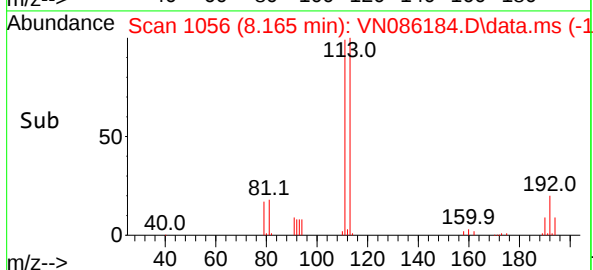
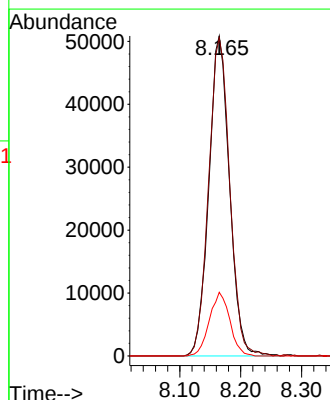
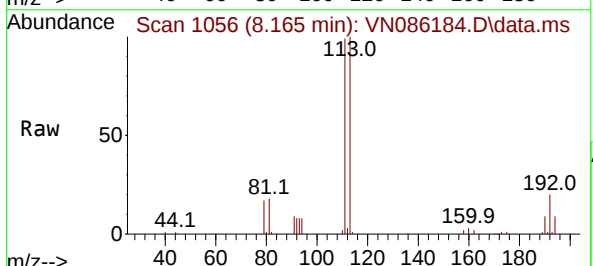
Tgt Ion:113 Resp: 120041

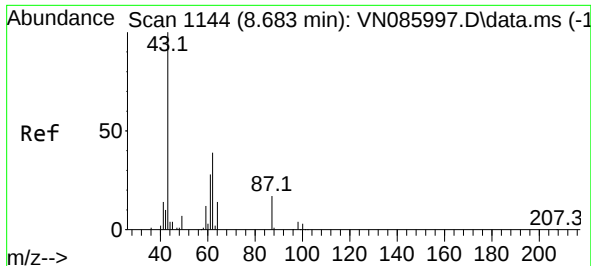
Ion Ratio Lower Upper

113 100

111 101.4 81.8 122.8

192 19.7 15.9 23.9

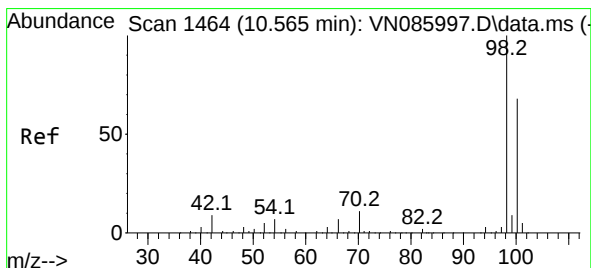
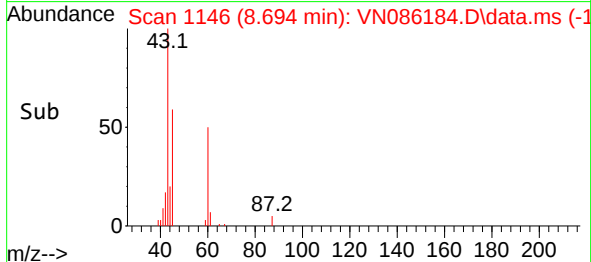
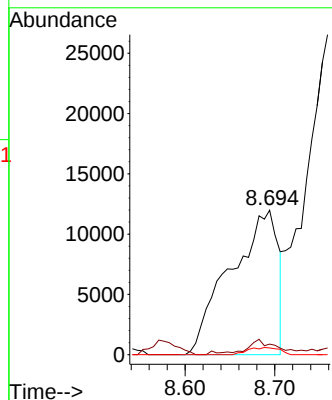
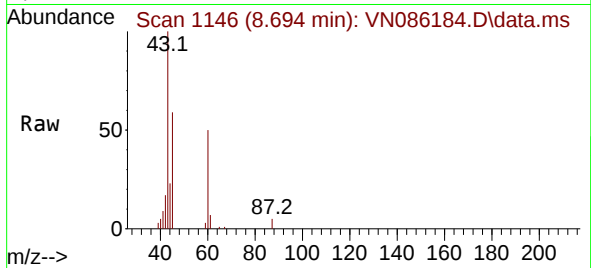




#43
Isopropyl Acetate
Concen: 7.924 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.012 min
Lab File: VN086184.D
Acq: 31 Mar 2025 21:04

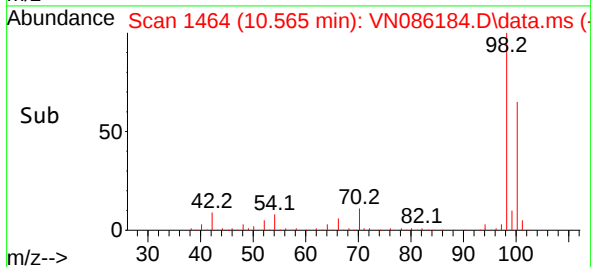
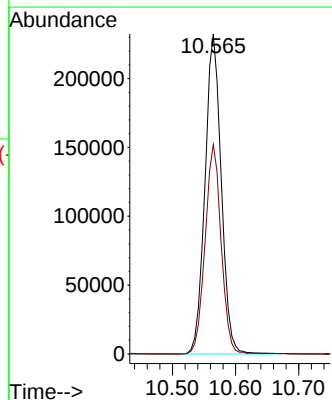
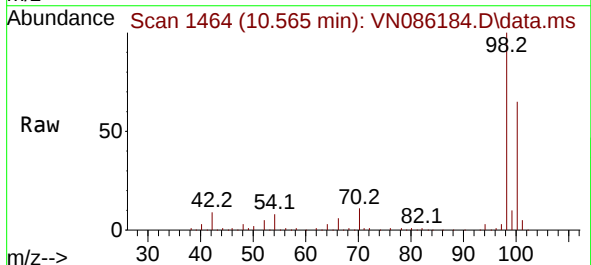
Instrument :
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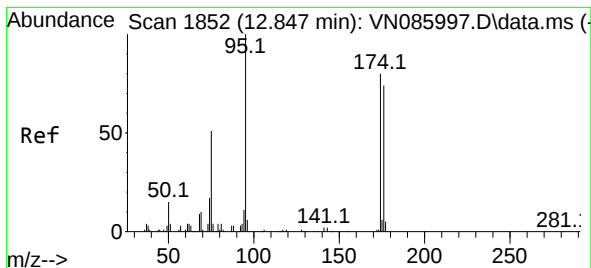
Tgt Ion: 43 Resp: 44265
Ion Ratio Lower Upper
43 100
61 4.7 25.0 37.6#
87 3.3 13.0 19.4#



#50
Toluene-d8
Concen: 49.384 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086184.D
Acq: 31 Mar 2025 21:04

Tgt Ion: 98 Resp: 415940
Ion Ratio Lower Upper
98 100
100 64.6 53.1 79.7

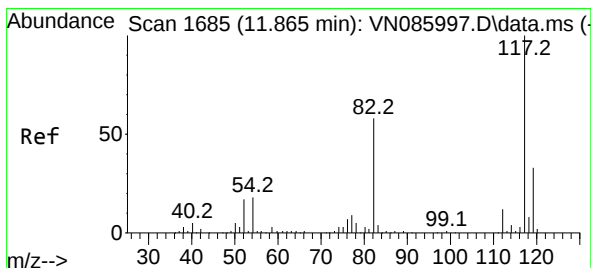
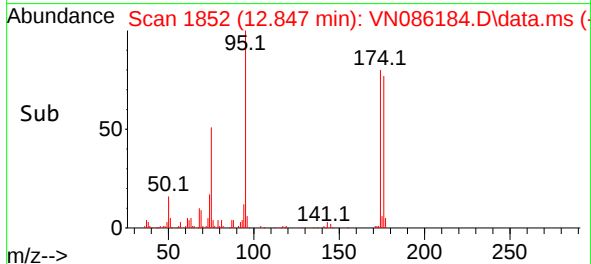
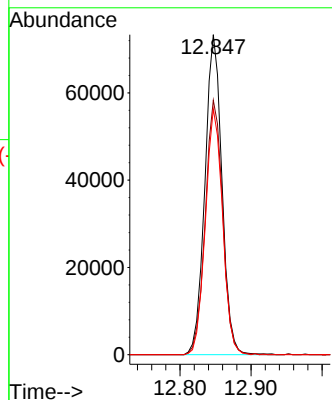
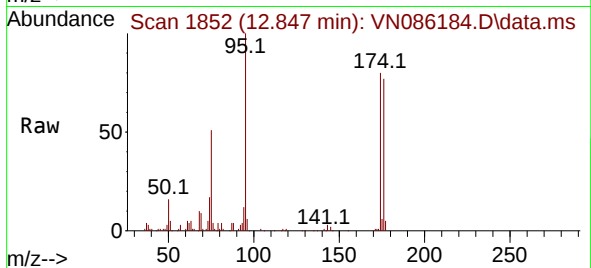




#62
4-Bromofluorobenzene
Concen: 40.715 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086184.D
Acq: 31 Mar 2025 21:04

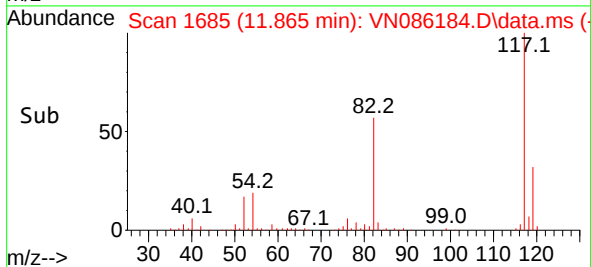
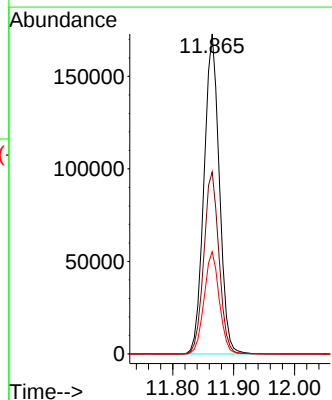
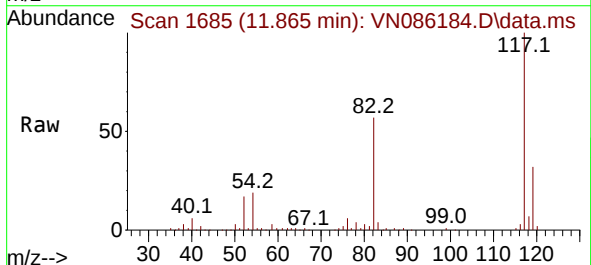
Instrument :
MSVOA_N
ClientSampleId :
RT5358

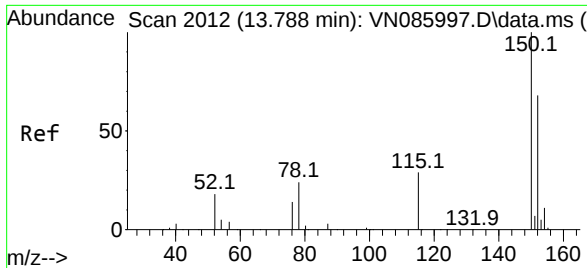
Tgt Ion: 95 Resp: 122296
Ion Ratio Lower Upper
95 100
174 81.5 0.0 156.8
176 77.5 0.0 152.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086184.D
Acq: 31 Mar 2025 21:04

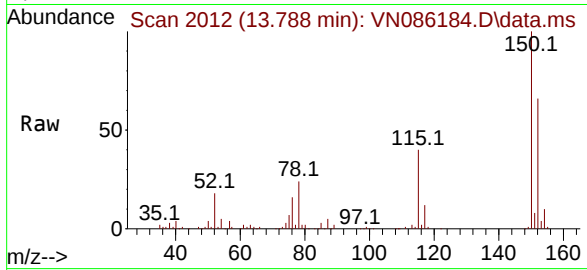
Tgt Ion: 117 Resp: 301902
Ion Ratio Lower Upper
117 100
82 56.9 46.7 70.1
119 32.0 26.5 39.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN086184.D
 Acq: 31 Mar 2025 21:04

Instrument :
 MSVOA_N
 ClientSampleId :
 RT5358



Tgt Ion:152 Resp: 112961
 Ion Ratio Lower Upper
 152 100
 115 59.8 31.1 93.2
 150 156.2 0.0 359.6

