

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032125\
 Data File : VN086049.D
 Acq On : 21 Mar 2025 18:54
 Operator : JC\MD
 Sample : PB167234ZHE#09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167234ZHE#09

Quant Time: Mar 21 23:03:03 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)

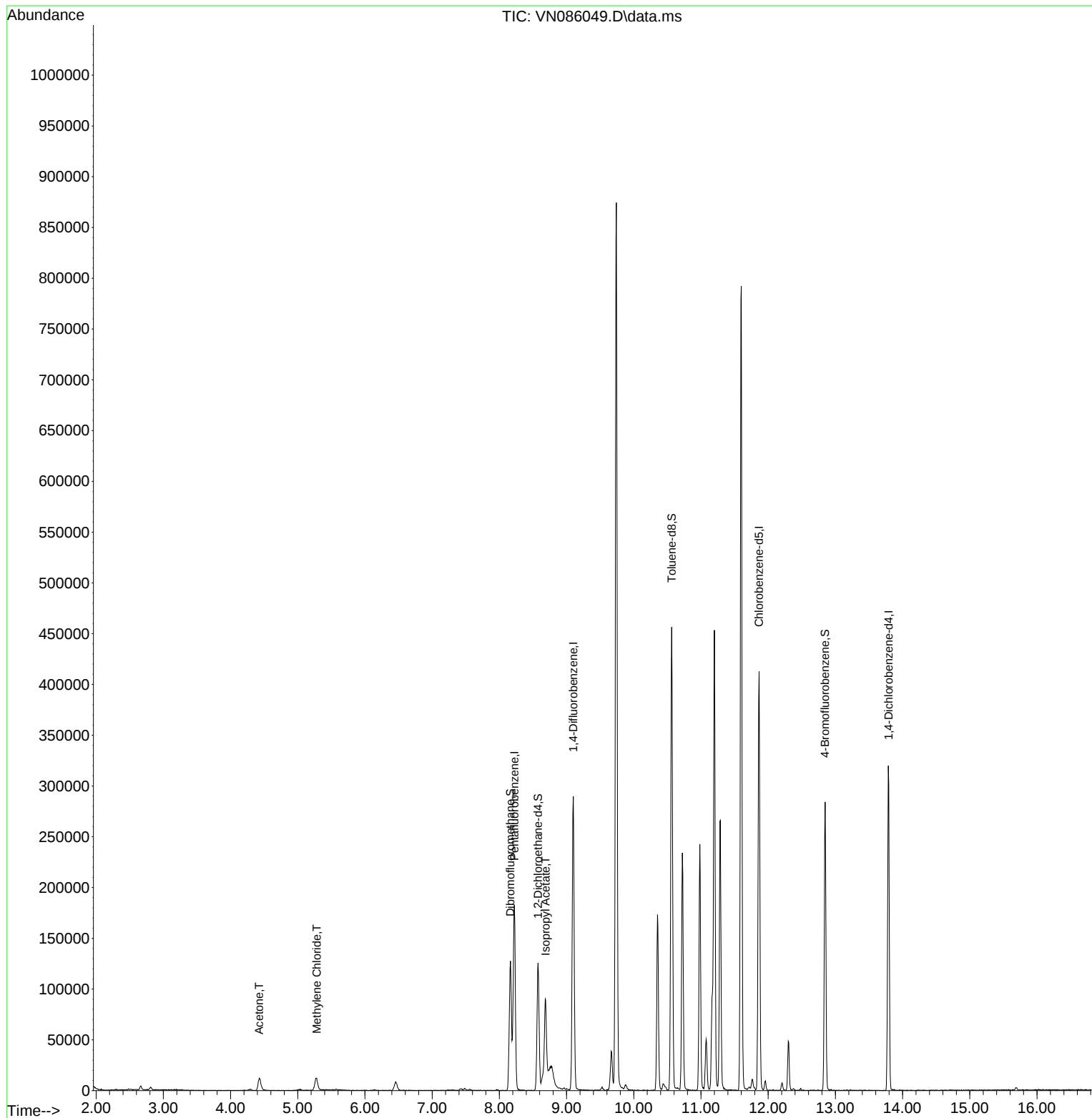
Internal Standards						
1) Pentafluorobenzene	8.224	168	129886	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	251636	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	245766	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	90956	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	105914	59.550	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	119.100%	
35) Dibromofluoromethane	8.165	113	89439	50.922	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	101.840%	
50) Toluene-d8	10.565	98	325371	51.043	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	102.080%	
62) 4-Bromofluorobenzene	12.847	95	96802	42.582	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	85.160%	
Target Compounds						
						Qvalue
16) Acetone	4.424	43	22542	41.485	ug/l	88
20) Methylene Chloride	5.283	84	10166	6.395	ug/l	91
43) Isopropyl Acetate	8.688	43	108566	25.678	ug/l #	80

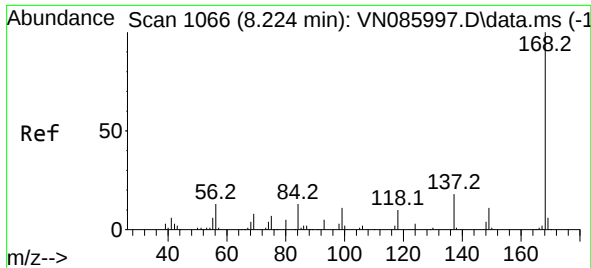
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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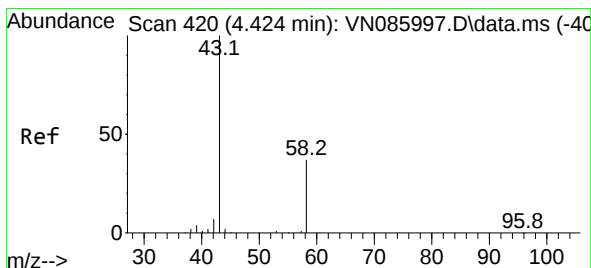
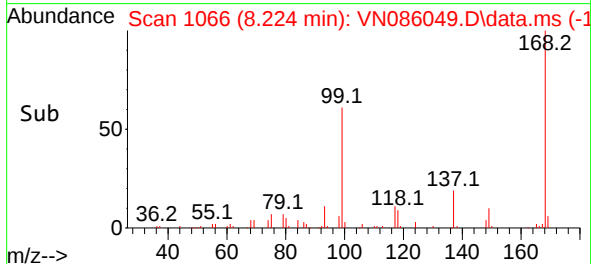
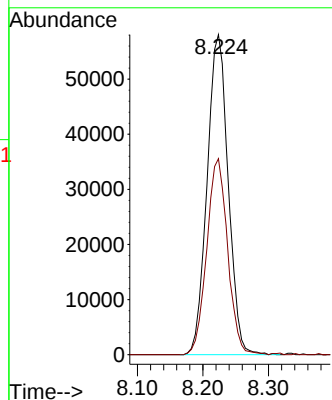
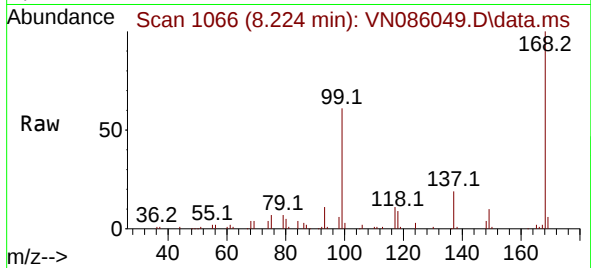




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086049.D
Acq: 21 Mar 2025 18:54

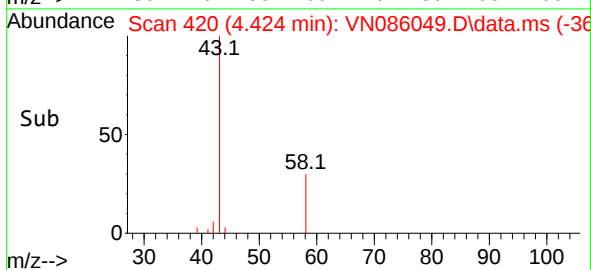
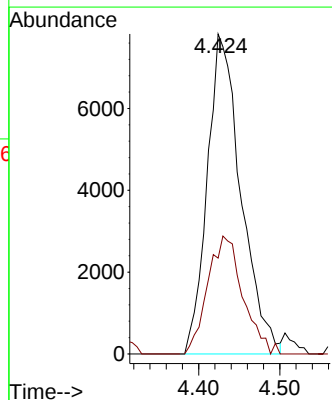
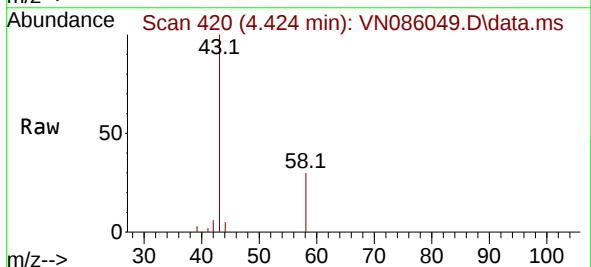
Instrument :
MSVOA_N
ClientSampleId :
PB167234ZHE#09

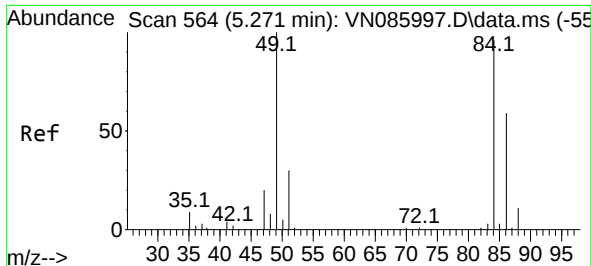
Tgt Ion:168 Resp: 129886
Ion Ratio Lower Upper
168 100
99 61.2 49.4 74.2



#16
Acetone
Concen: 41.485 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN086049.D
Acq: 21 Mar 2025 18:54

Tgt Ion: 43 Resp: 22542
Ion Ratio Lower Upper
43 100
58 29.9 29.4 44.2



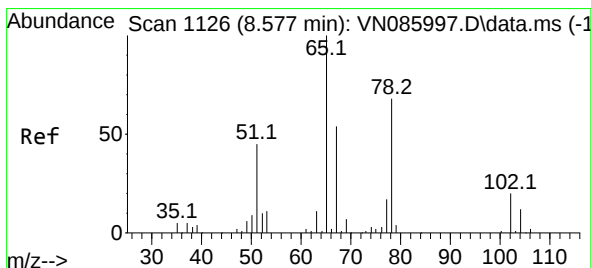
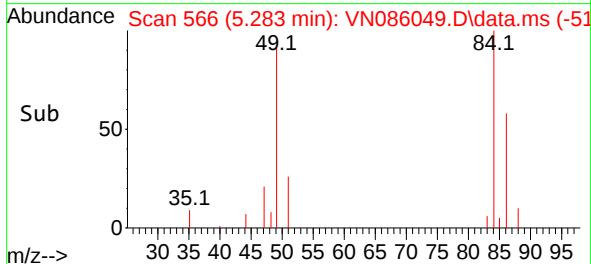
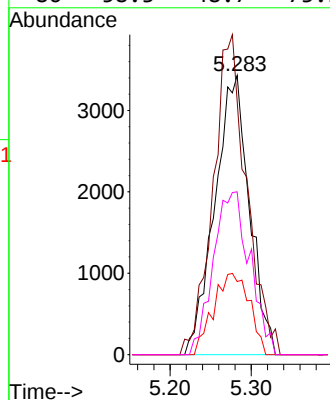
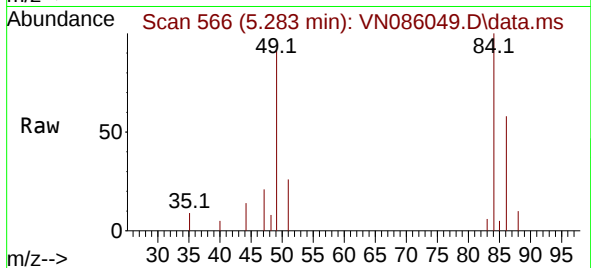


#20
Methylene Chloride
Concen: 6.395 ug/l
RT: 5.283 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN086049.D
Acq: 21 Mar 2025 18:54

Instrument :
MSVOA_N
ClientSampleId :
PB167234ZHE#09

Tgt Ion: 84 Resp: 10166

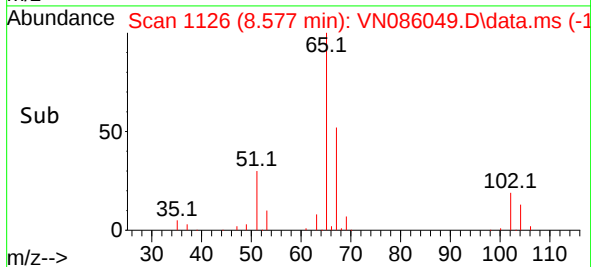
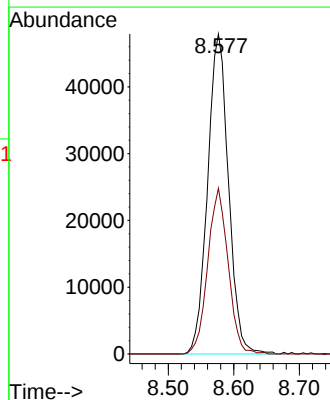
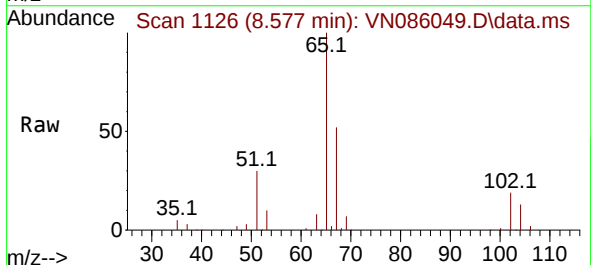
Ion	Ratio	Lower	Upper
84	100		
49	90.8	83.3	124.9
51	26.2	24.8	37.2
86	58.3	48.7	73.1

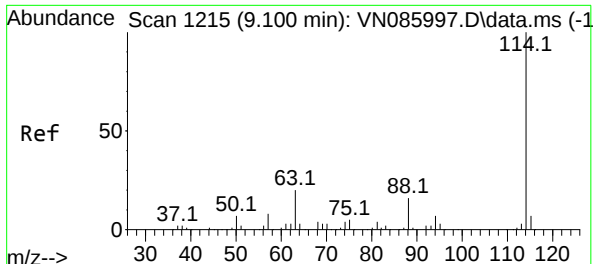


#33
1,2-Dichloroethane-d4
Concen: 59.550 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086049.D
Acq: 21 Mar 2025 18:54

Tgt Ion: 65 Resp: 105914

Ion	Ratio	Lower	Upper
65	100		
67	50.6	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: VN086049.D

Acq: 21 Mar 2025 18:54

Instrument :

MSVOA_N

ClientSampleId :

PB167234ZHE#09

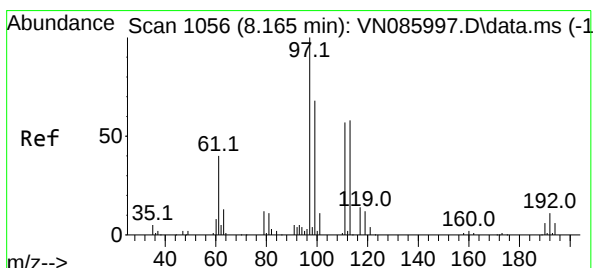
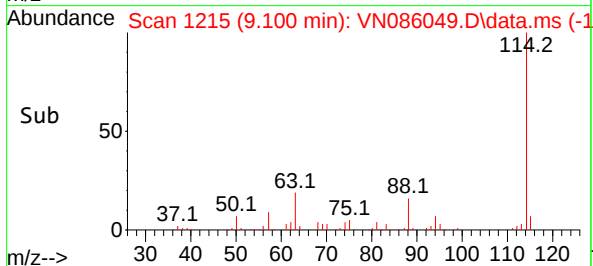
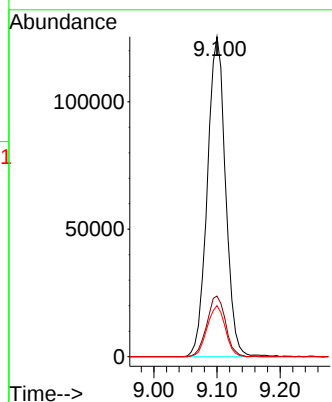
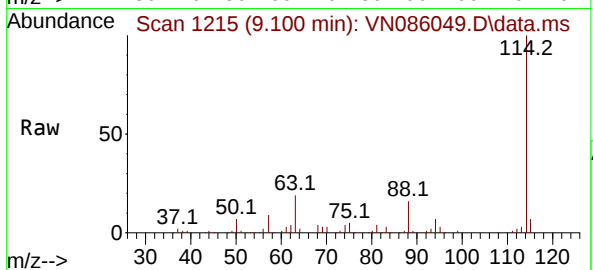
Tgt Ion:114 Resp: 251636

Ion Ratio Lower Upper

114 100

63 18.9 0.0 39.6

88 16.0 0.0 32.6



#35

Dibromofluoromethane

Concen: 50.922 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN086049.D

Acq: 21 Mar 2025 18:54

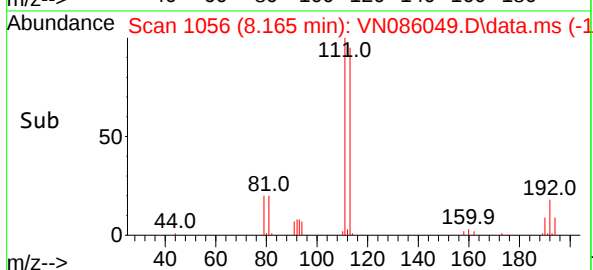
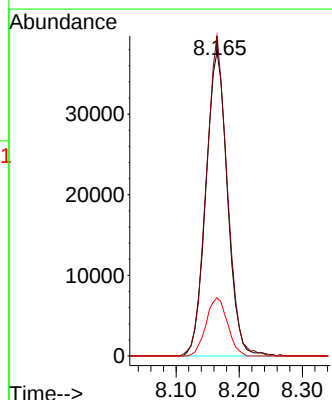
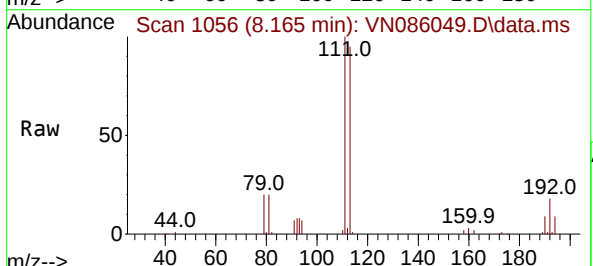
Tgt Ion:113 Resp: 89439

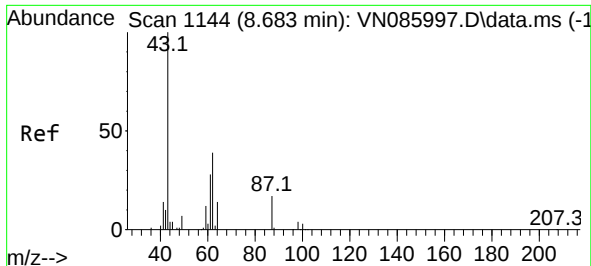
Ion Ratio Lower Upper

113 100

111 103.0 81.8 122.8

192 19.0 15.9 23.9

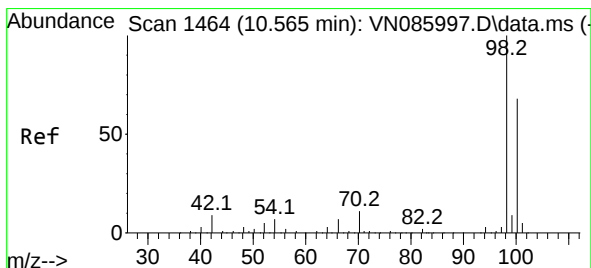
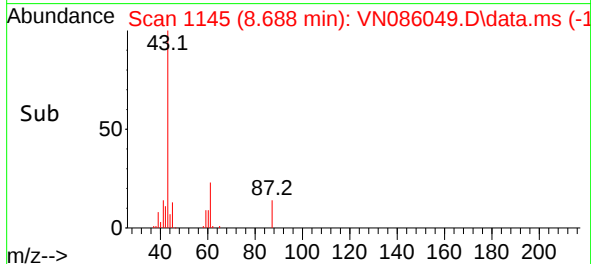
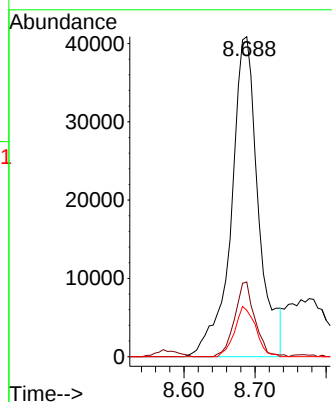
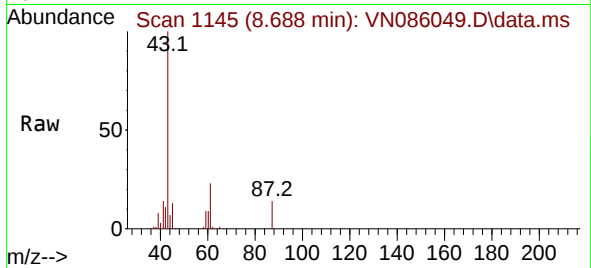




#43
Isopropyl Acetate
Concen: 25.678 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VN086049.D
Acq: 21 Mar 2025 18:54

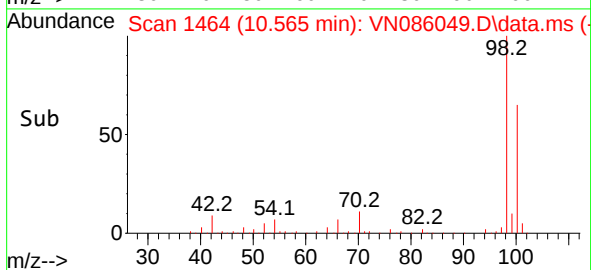
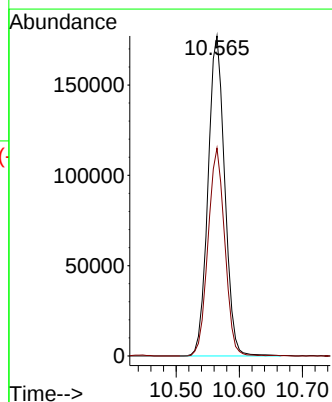
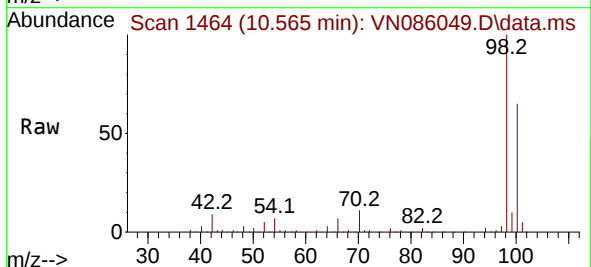
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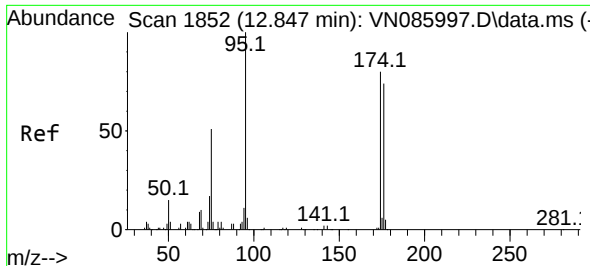
Tgt Ion: 43 Resp: 108566
Ion Ratio Lower Upper
43 100
61 17.5 25.0 37.6#
87 12.2 13.0 19.4#



#50
Toluene-d8
Concen: 51.043 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086049.D
Acq: 21 Mar 2025 18:54

Tgt Ion: 98 Resp: 325371
Ion Ratio Lower Upper
98 100
100 64.9 53.1 79.7

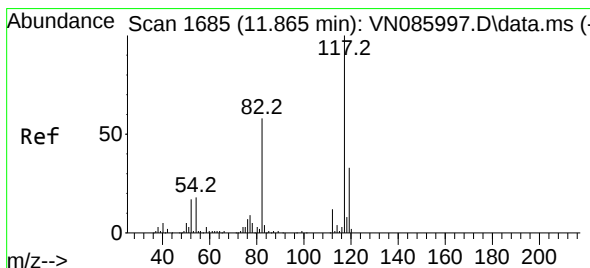
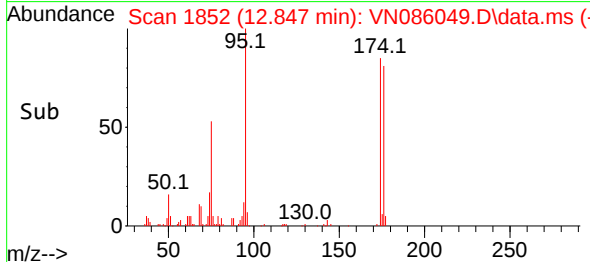
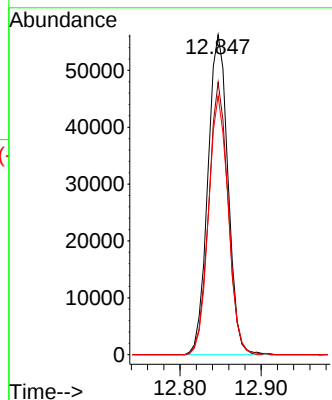
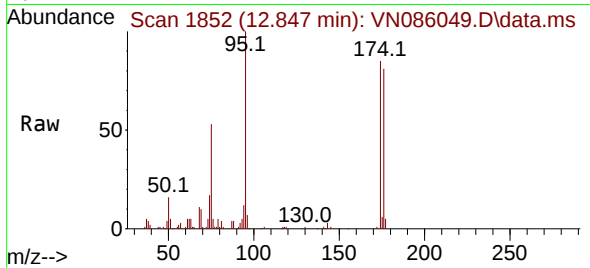




#62
4-Bromofluorobenzene
Concen: 42.582 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086049.D
Acq: 21 Mar 2025 18:54

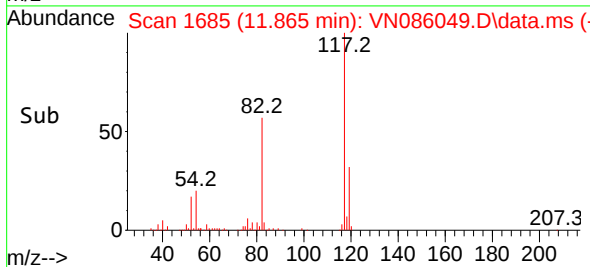
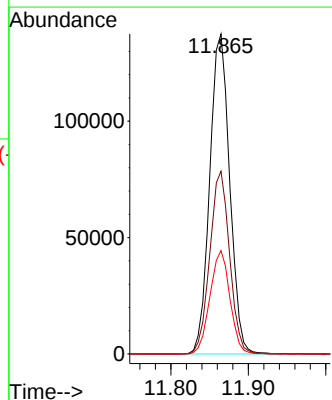
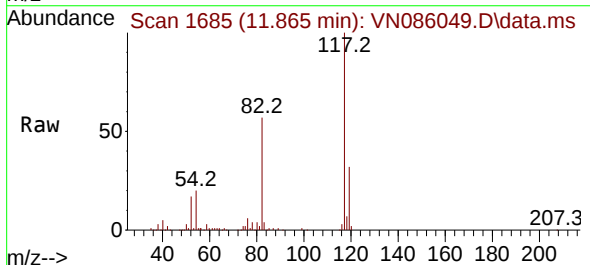
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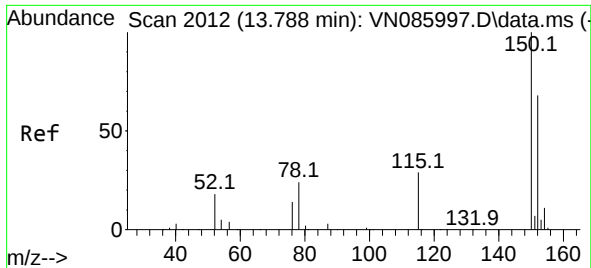
Tgt Ion: 95 Resp: 96802
Ion Ratio Lower Upper
95 100
174 82.0 0.0 156.8
176 79.2 0.0 152.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086049.D
Acq: 21 Mar 2025 18:54

Tgt Ion: 117 Resp: 245766
Ion Ratio Lower Upper
117 100
82 57.1 46.7 70.1
119 32.3 26.5 39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 20

Delta R.T. 0.006 min

Lab File: VN086049.D

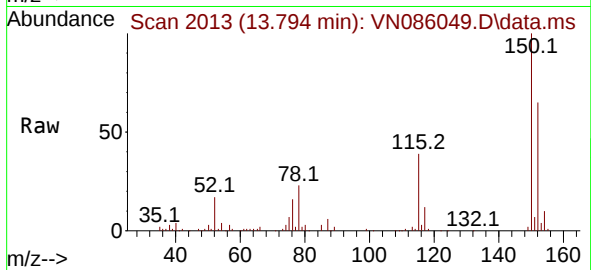
Acq: 21 Mar 2025 18:54

Instrument :

MSVOA_N

ClientSampleId :

PB167234ZHE#09



Tgt Ion:152 Resp: 90956

Ion Ratio Lower Upper

152 100

115 61.1 31.1 93.2

150 159.6 0.0 359.6

