

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032525\
 Data File : VN086098.D
 Acq On : 25 Mar 2025 14:16
 Operator : JC\MD
 Sample : PB167276ZHE#03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167276ZHE#03

Quant Time: Mar 26 03:17:38 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)

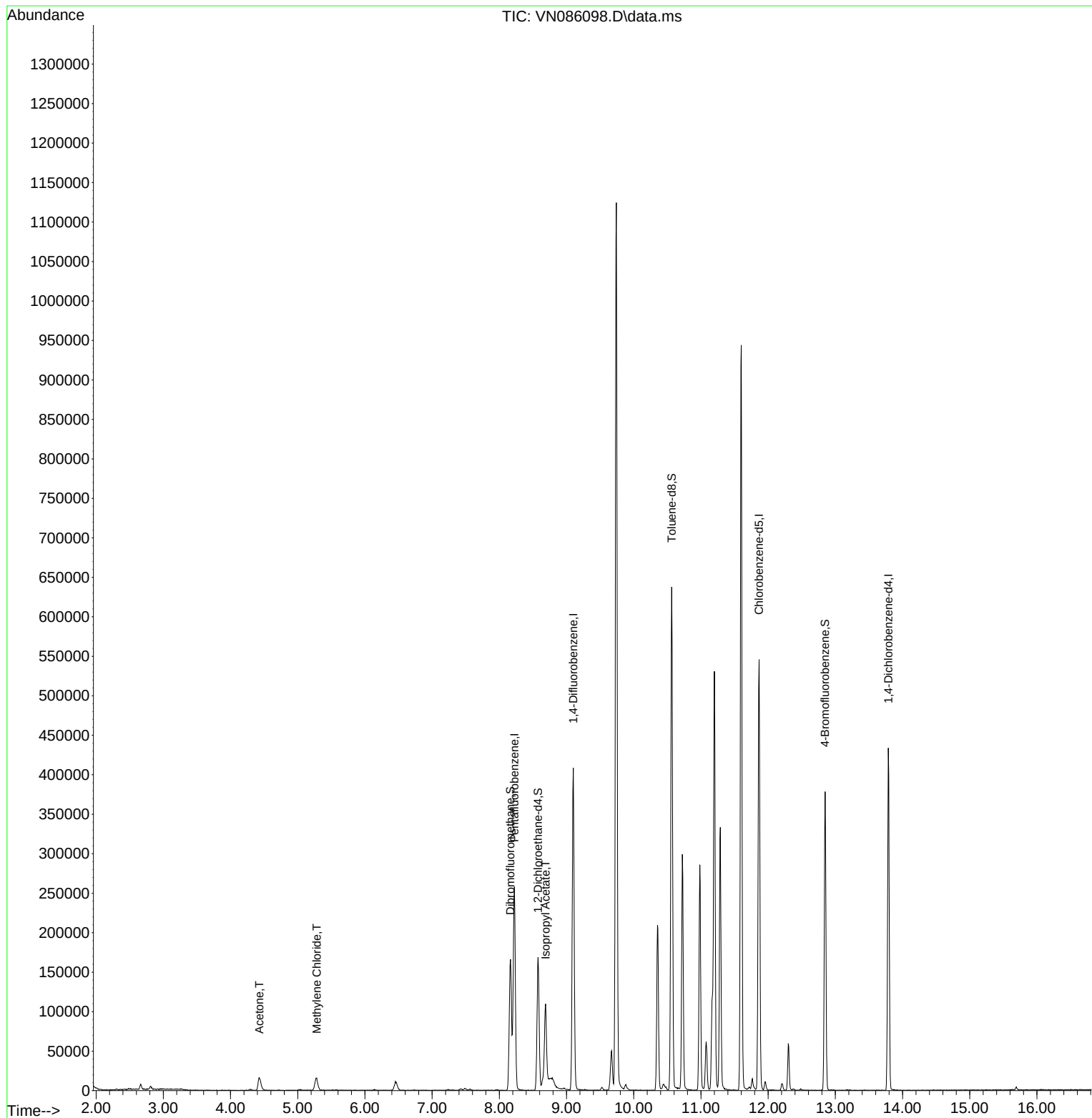
Internal Standards						
1) Pentafluorobenzene	8.224	168	187129	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	351402	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	328013	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	121593	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	138215	53.939	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.880%			
35) Dibromofluoromethane	8.165	113	120766	49.237	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.480%			
50) Toluene-d8	10.565	98	451844	50.759	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.520%			
62) 4-Bromofluorobenzene	12.847	95	135364	42.639	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 85.280%			
Target Compounds						
16) Acetone	4.430	43	30456	38.904	ug/l	100
20) Methylene Chloride	5.283	84	13099	5.720	ug/l	98
43) Isopropyl Acetate	8.688	43	132121	22.377	ug/l #	81

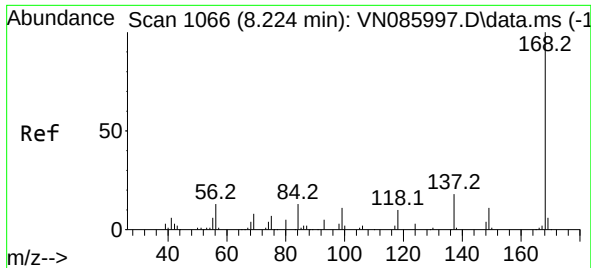
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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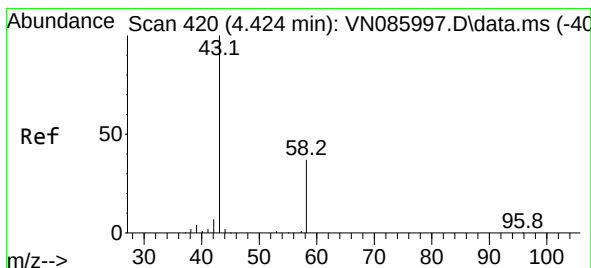
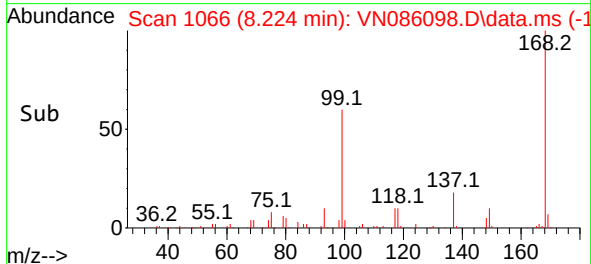
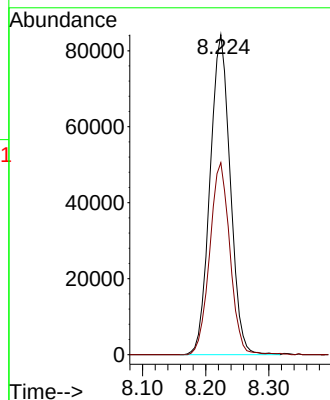
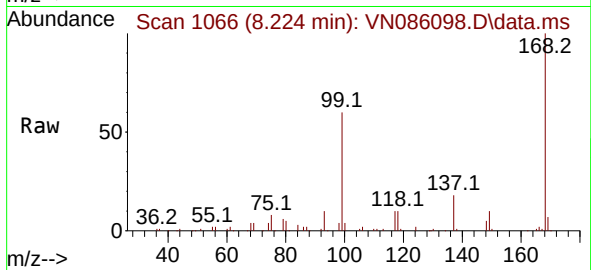




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086098.D
Acq: 25 Mar 2025 14:16

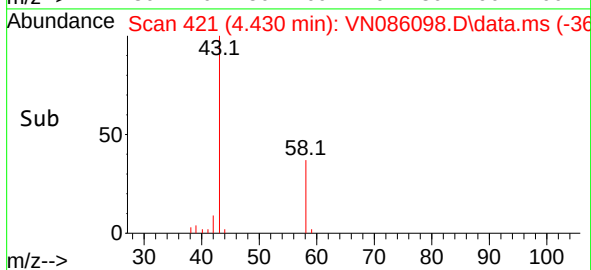
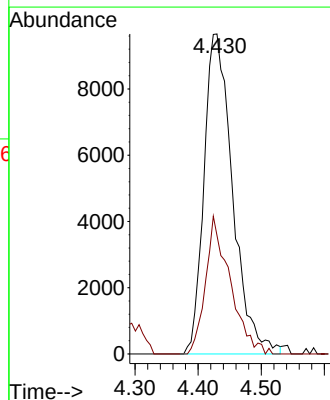
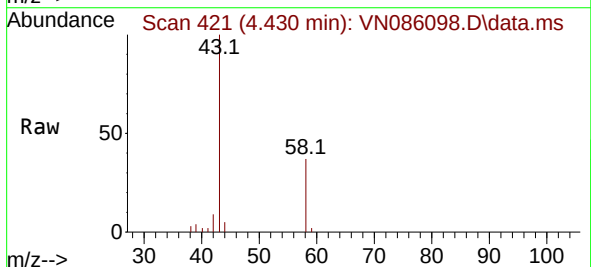
Instrument :
MSVOA_N
ClientSampleId :
PB167276ZHE#03

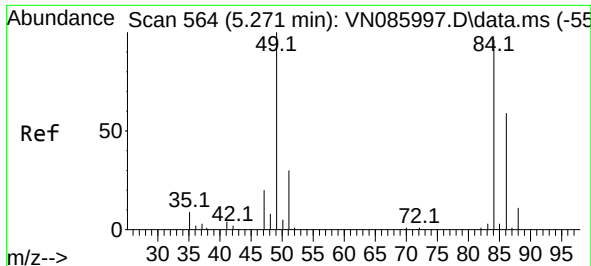
Tgt Ion:168 Resp: 187129
Ion Ratio Lower Upper
168 100
99 60.0 49.4 74.2



#16
Acetone
Concen: 38.904 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN086098.D
Acq: 25 Mar 2025 14:16

Tgt Ion: 43 Resp: 30456
Ion Ratio Lower Upper
43 100
58 37.0 29.4 44.2

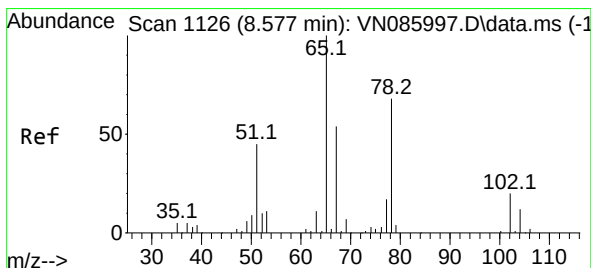
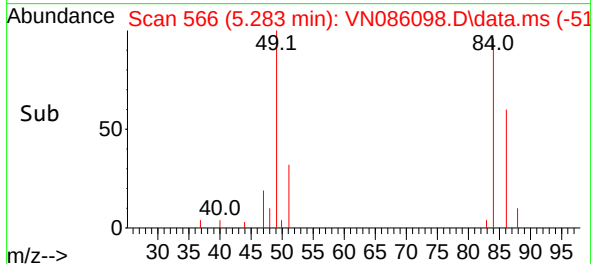
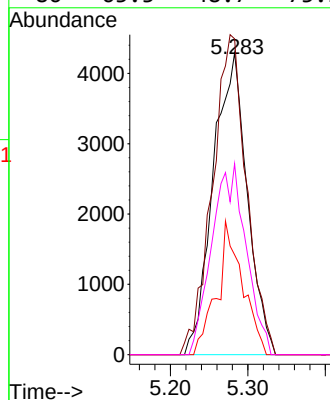
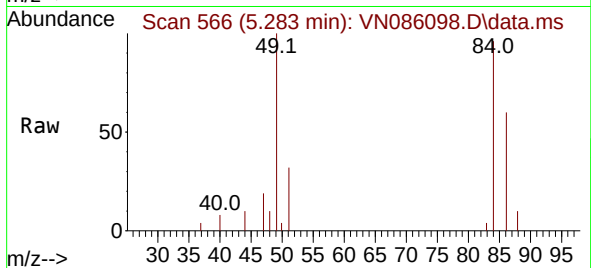




#20
Methylene Chloride
Concen: 5.720 ug/l
RT: 5.283 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN086098.D
Acq: 25 Mar 2025 14:16

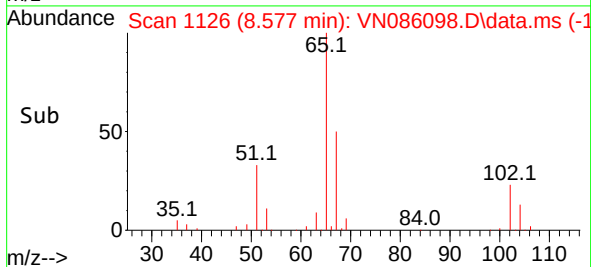
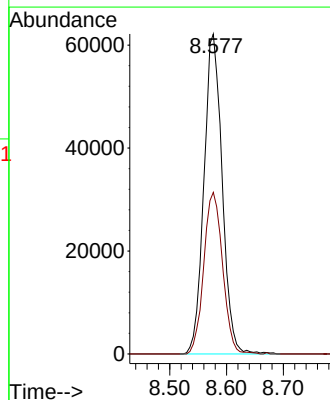
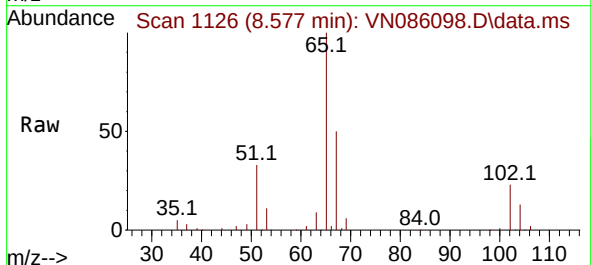
Instrument :
MSVOA_N
ClientSampleId :
PB167276ZHE#03

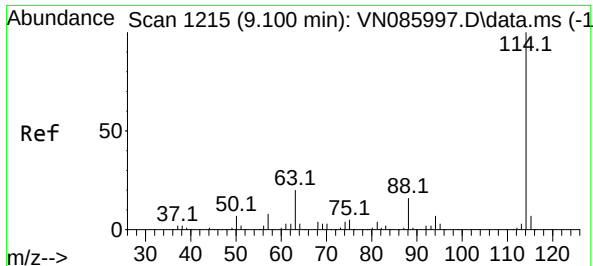
Tgt Ion: 84	Resp: 13099		
Ion	Ratio	Lower	Upper
84	100		
49	104.7	83.3	124.9
51	33.1	24.8	37.2
86	63.3	48.7	73.1



#33
1,2-Dichloroethane-d4
Concen: 53.939 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086098.D
Acq: 25 Mar 2025 14:16

Tgt Ion: 65	Resp: 138215
Ion Ratio	Lower Upper
65 100	
67 52.1	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: VN086098.D

Acq: 25 Mar 2025 14:16

Instrument :

MSVOA_N

ClientSampleId :

PB167276ZHE#03

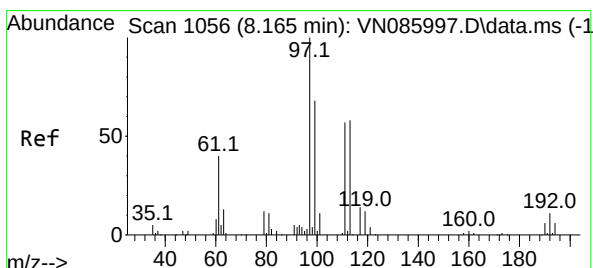
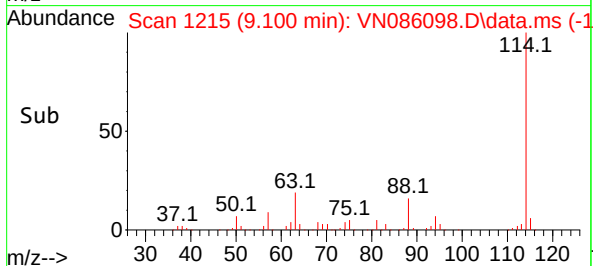
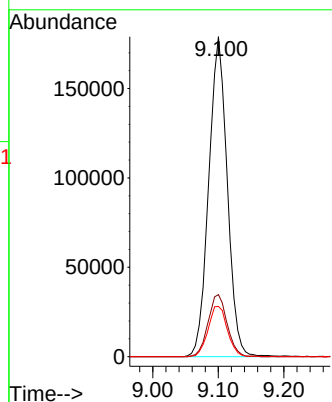
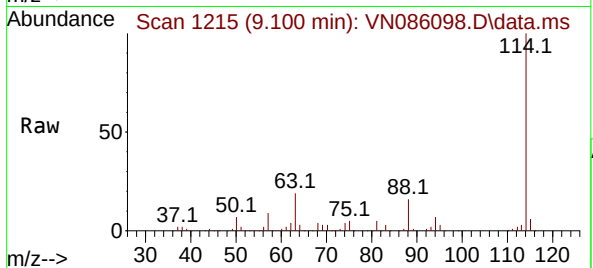
Tgt Ion:114 Resp: 351402

Ion Ratio Lower Upper

114 100

63 19.4 0.0 39.6

88 15.7 0.0 32.6



#35

Dibromofluoromethane

Concen: 49.237 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN086098.D

Acq: 25 Mar 2025 14:16

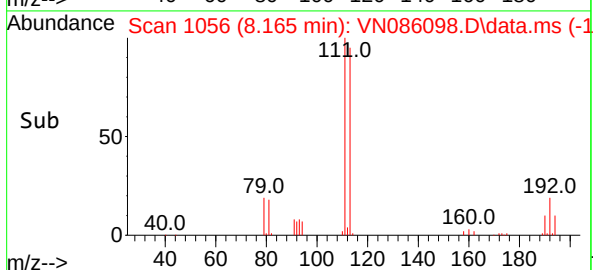
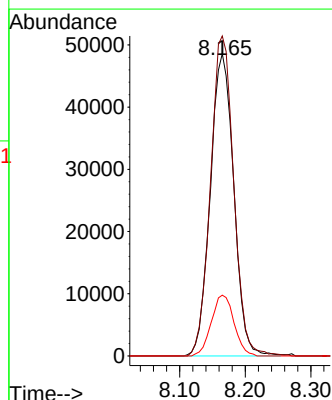
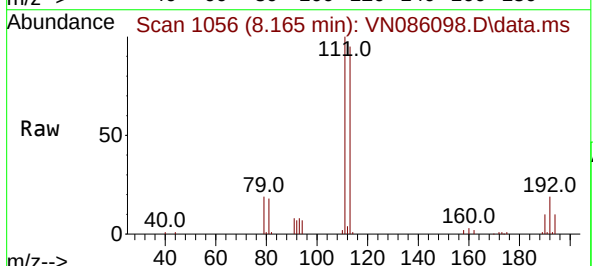
Tgt Ion:113 Resp: 120766

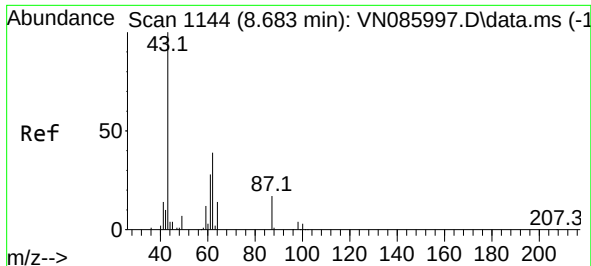
Ion Ratio Lower Upper

113 100

111 104.7 81.8 122.8

192 19.5 15.9 23.9

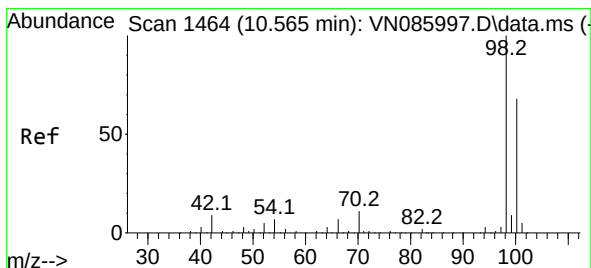
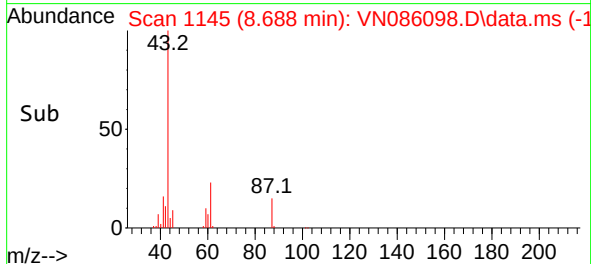
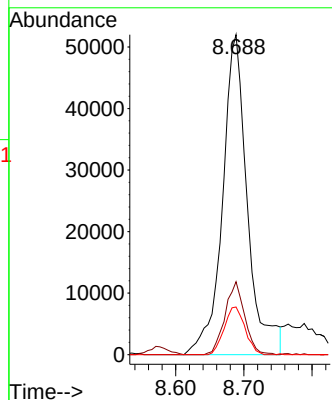
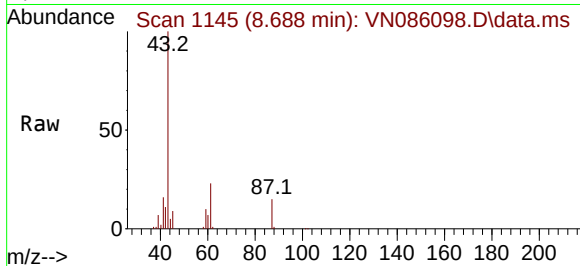




#43
Isopropyl Acetate
Concen: 22.377 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VN086098.D
Acq: 25 Mar 2025 14:16

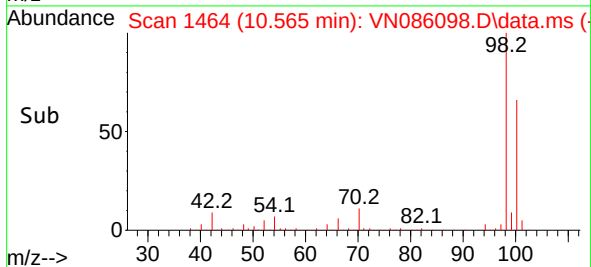
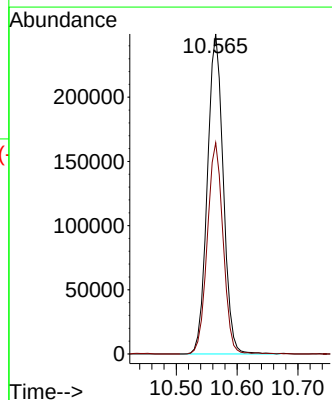
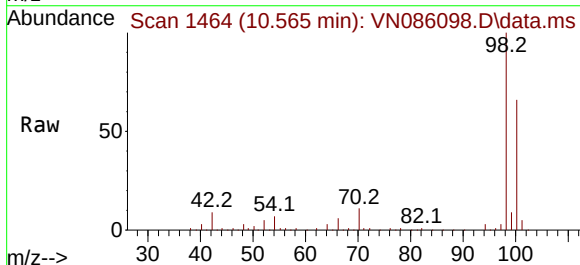
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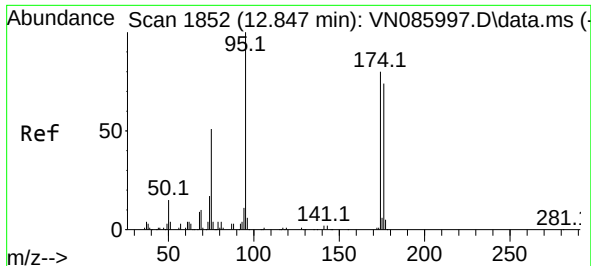
Tgt Ion: 43 Resp: 132121
Ion Ratio Lower Upper
43 100
61 18.0 25.0 37.6#
87 12.4 13.0 19.4#



#50
Toluene-d8
Concen: 50.759 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086098.D
Acq: 25 Mar 2025 14:16

Tgt Ion: 98 Resp: 451844
Ion Ratio Lower Upper
98 100
100 65.5 53.1 79.7

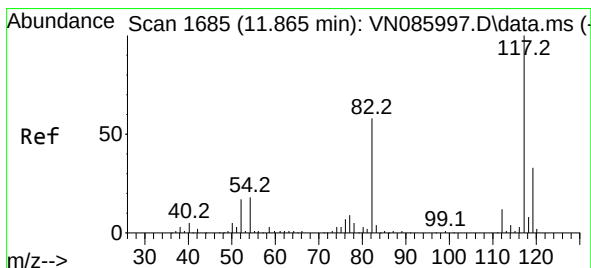
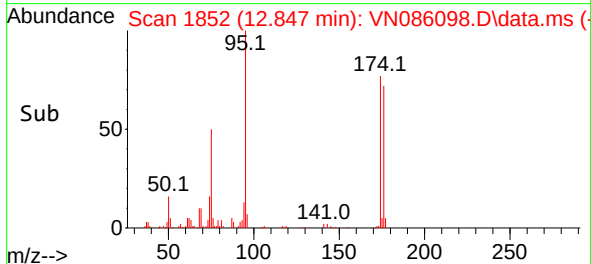
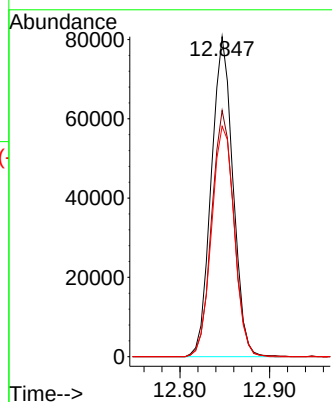
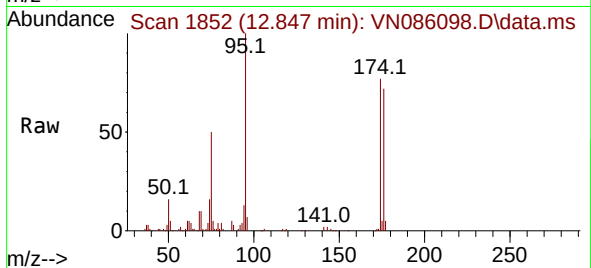




#62
4-Bromofluorobenzene
Concen: 42.639 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086098.D
Acq: 25 Mar 2025 14:16

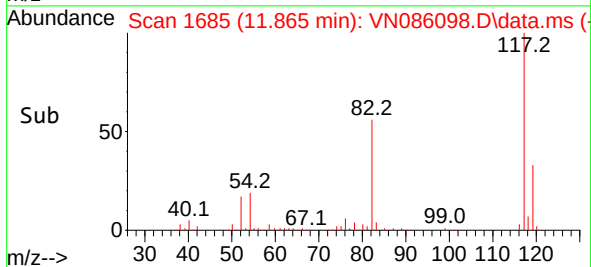
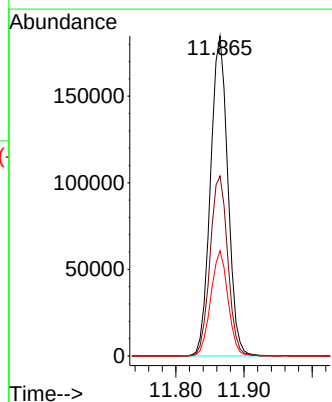
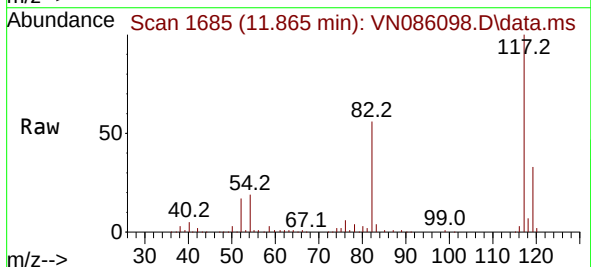
Instrument :
MSVOA_N
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PB167276ZHE#03

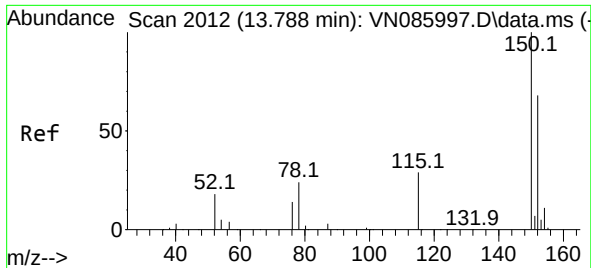
Tgt Ion: 95 Resp: 135364
Ion Ratio Lower Upper
95 100
174 78.5 0.0 156.8
176 75.3 0.0 152.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086098.D
Acq: 25 Mar 2025 14:16

Tgt Ion: 117 Resp: 328013
Ion Ratio Lower Upper
117 100
82 56.2 46.7 70.1
119 32.9 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: VN086098.D

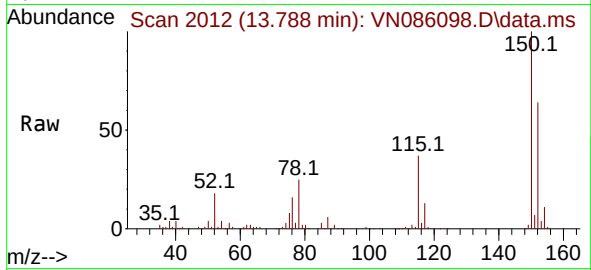
Acq: 25 Mar 2025 14:16

Instrument :

MSVOA_N

ClientSampleId :

PB167276ZHE#03



Tgt Ion:152 Resp: 121593

Ion Ratio Lower Upper

152 100

115 59.6 31.1 93.2

150 157.1 0.0 359.6

