

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031925\
 Data File : VN086018.D
 Acq On : 19 Mar 2025 18:51
 Operator : JC\MD
 Sample : Q1597-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 3-CONCRETE-SLAB

Quant Time: Mar 20 01:36:51 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)

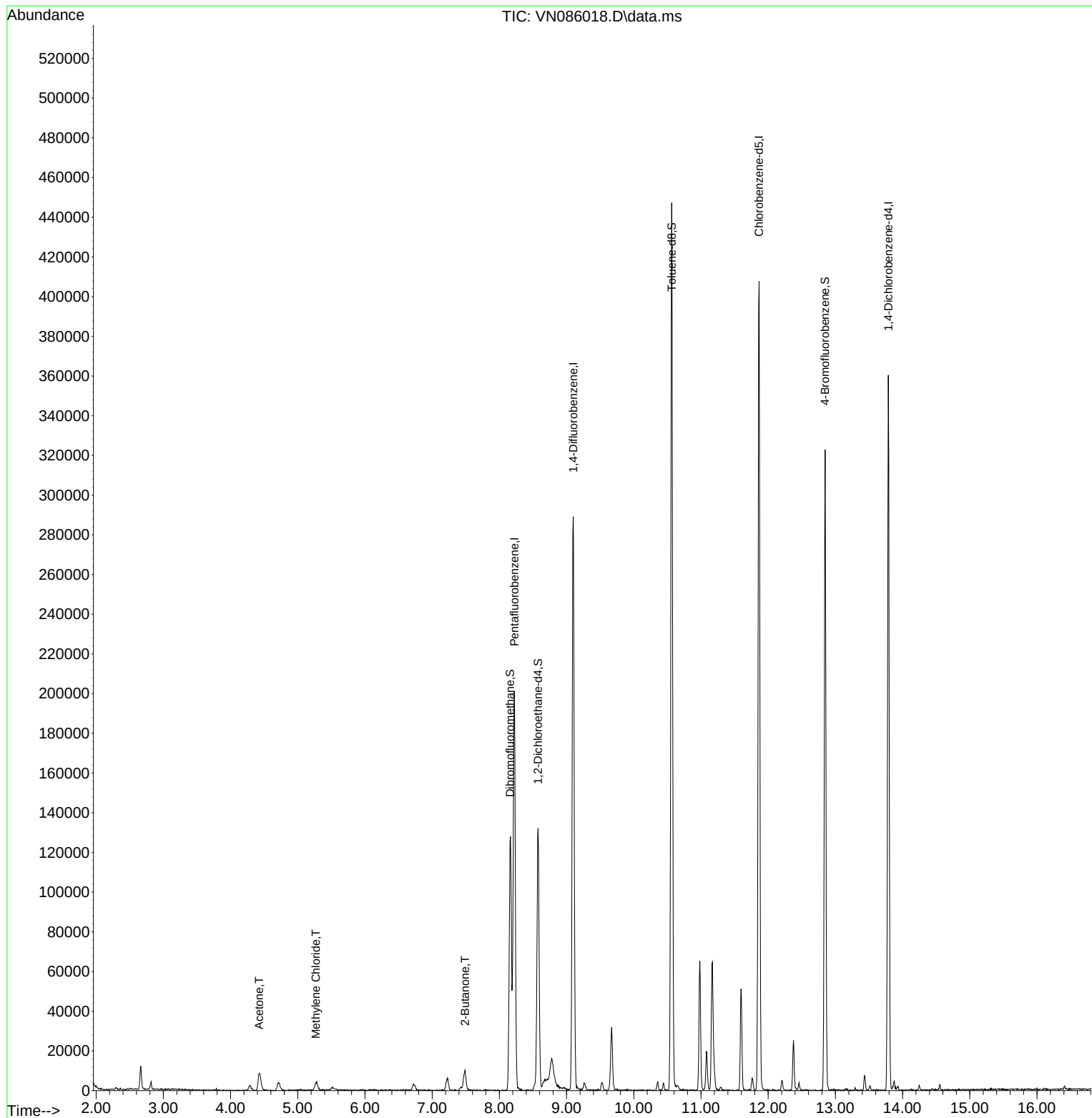
Internal Standards						
1) Pentafluorobenzene	8.224	168	144806	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	257297	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	242349	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	98553	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	111480	56.221	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 112.440%			
35) Dibromofluoromethane	8.159	113	92212	51.346	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.700%			
50) Toluene-d8	10.565	98	314706	48.284	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 96.560%			
62) 4-Bromofluorobenzene	12.847	95	108879	46.840	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 93.680%			
Target Compounds						
16) Acetone	4.424	43	17053	28.150	ug/l	93
20) Methylene Chloride	5.271	84	3510	1.981	ug/l	91
25) 2-Butanone	7.488	43	16139	18.463	ug/l	90

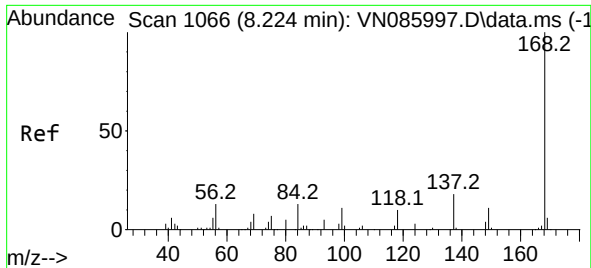
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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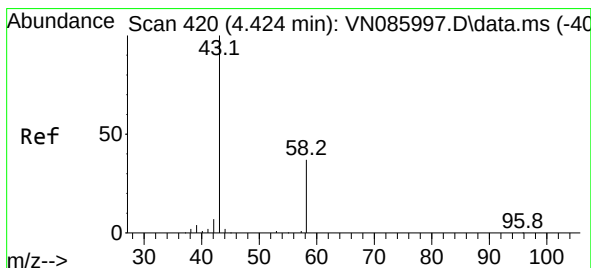
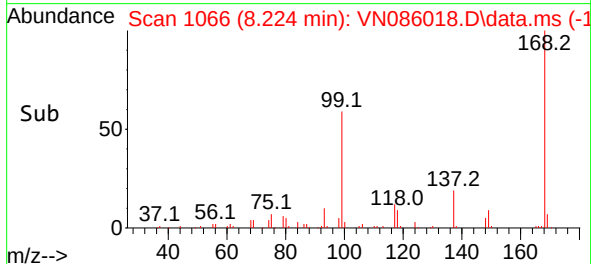
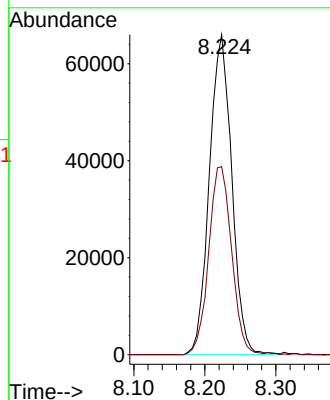
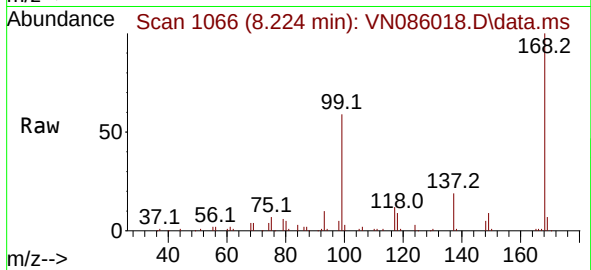




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086018.D
Acq: 19 Mar 2025 18:51

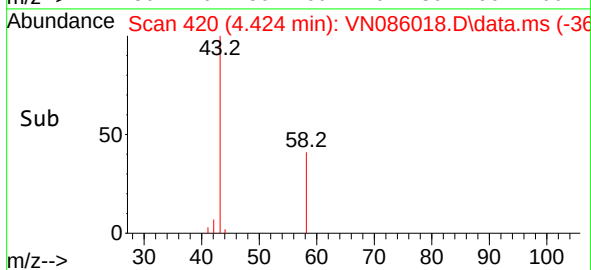
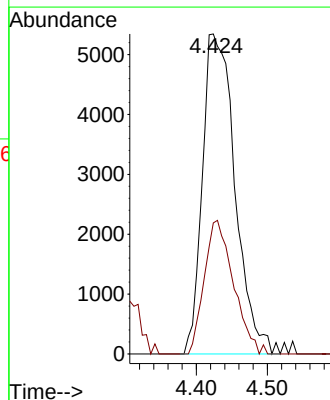
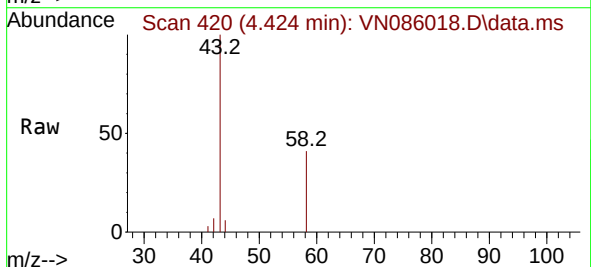
Instrument :
MSVOA_N
ClientSampleId :
3-CONCRETE-SLAB

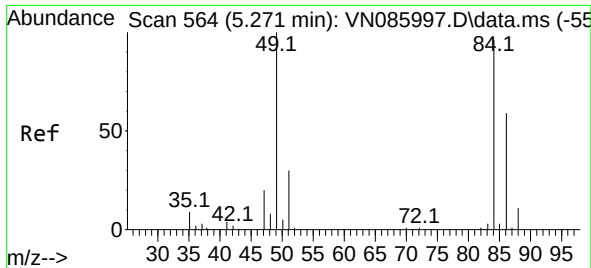
Tgt Ion:168 Resp: 144806
Ion Ratio Lower Upper
168 100
99 58.7 49.4 74.2



#16
Acetone
Concen: 28.150 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN086018.D
Acq: 19 Mar 2025 18:51

Tgt Ion: 43 Resp: 17053
Ion Ratio Lower Upper
43 100
58 41.0 29.4 44.2

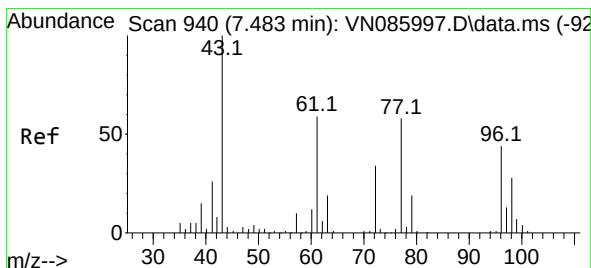
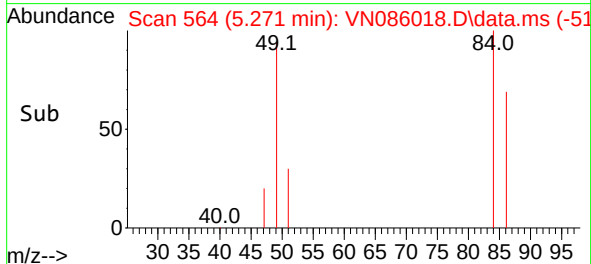
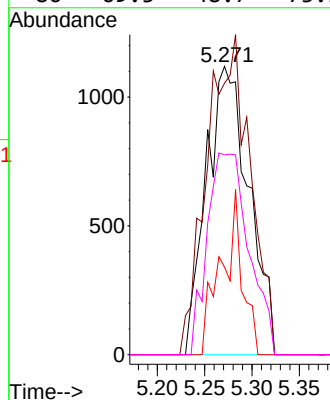
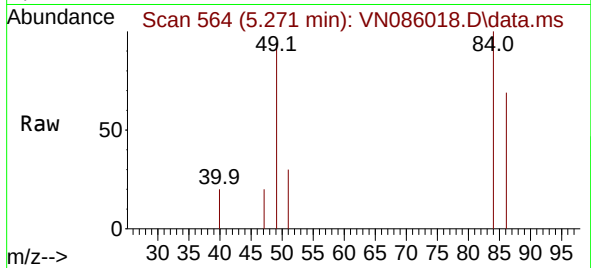




#20
Methylene Chloride
Concen: 1.981 ug/l
RT: 5.271 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN086018.D
Acq: 19 Mar 2025 18:51

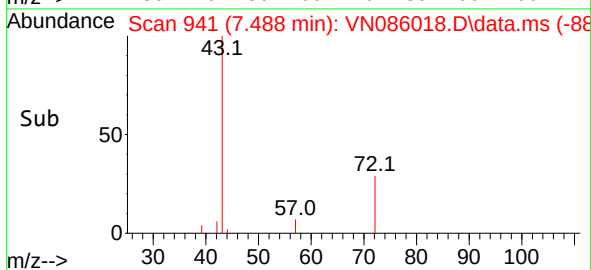
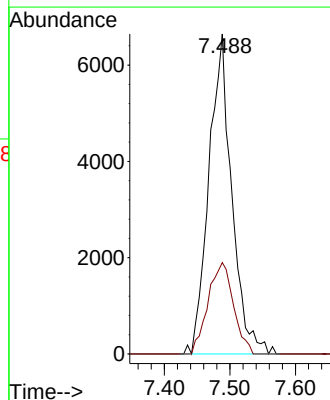
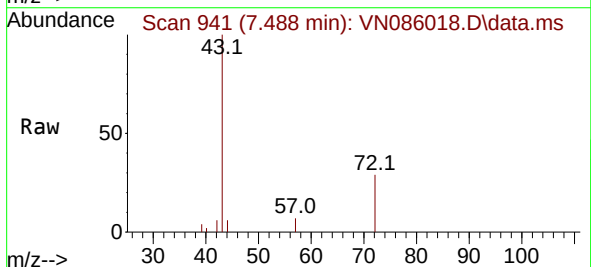
Instrument :
MSVOA_N
ClientSampleId :
3-CONCRETE-SLAB

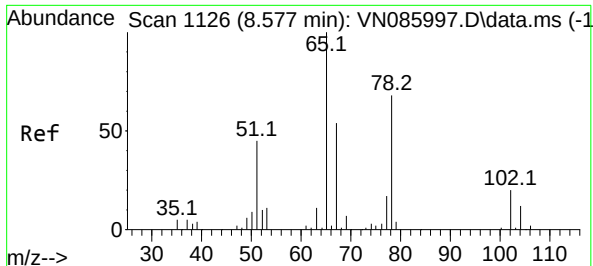
Tgt Ion: 84	Resp:	3510	
Ion	Ratio	Lower	Upper
84	100		
49	94.2	83.3	124.9
51	30.4	24.8	37.2
86	69.3	48.7	73.1



#25
2-Butanone
Concen: 18.463 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN086018.D
Acq: 19 Mar 2025 18:51

Tgt Ion: 43	Resp: 16139
Ion Ratio	Lower Upper
43 100	
72 28.6	27.4 41.0





#33

1,2-Dichloroethane-d4

Concen: 56.221 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086018.D

Acq: 19 Mar 2025 18:51

Instrument :

MSVOA_N

ClientSampleId :

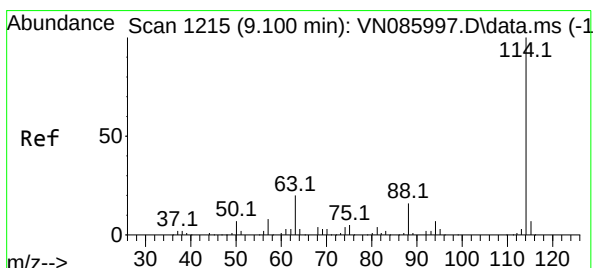
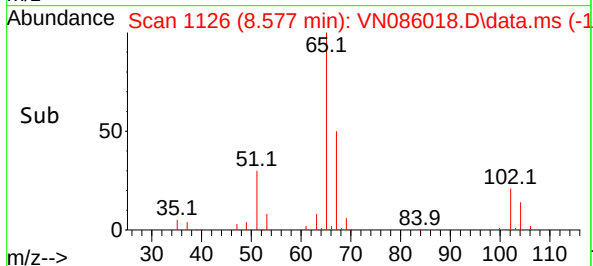
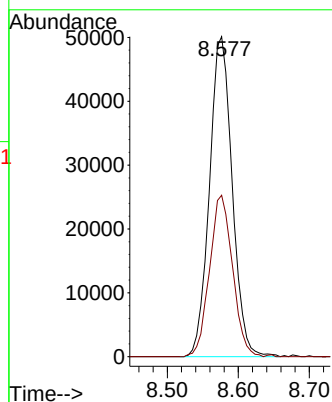
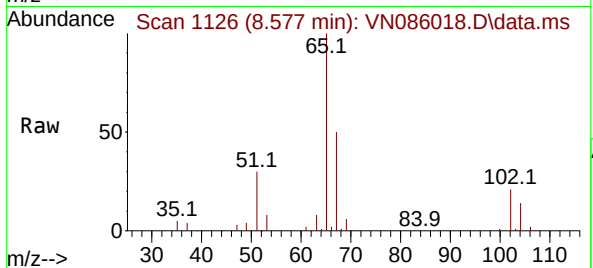
3-CONCRETE-SLAB

Tgt Ion: 65 Resp: 111480

Ion Ratio Lower Upper

65 100

67 51.0 0.0 102.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN086018.D

Acq: 19 Mar 2025 18:51

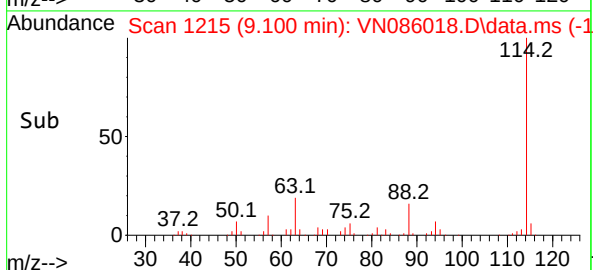
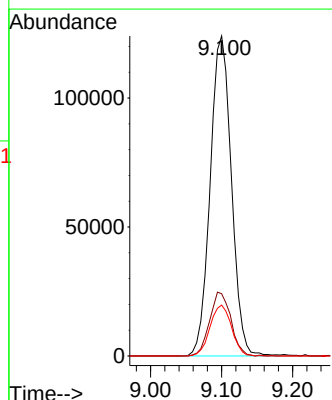
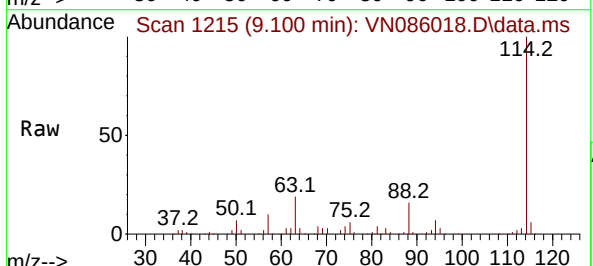
Tgt Ion: 114 Resp: 257297

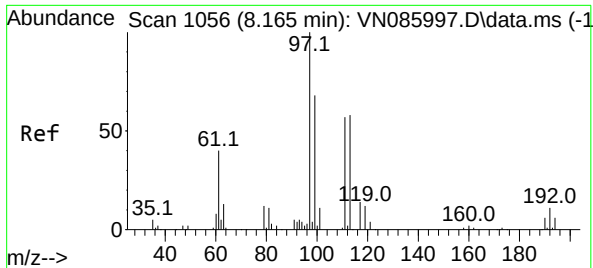
Ion Ratio Lower Upper

114 100

63 19.4 0.0 39.6

88 15.9 0.0 32.6

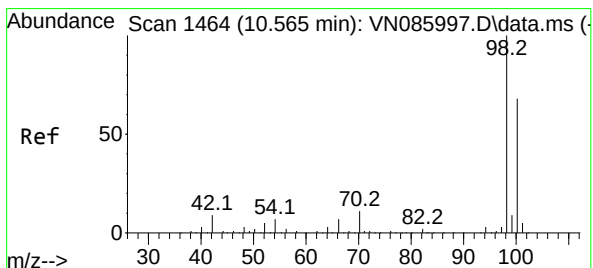
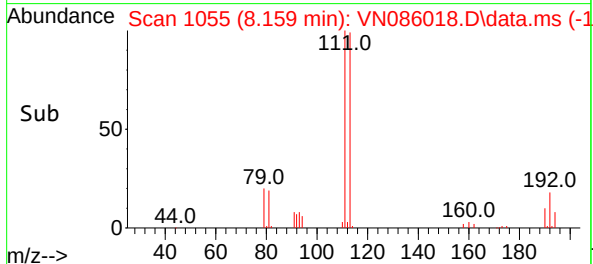
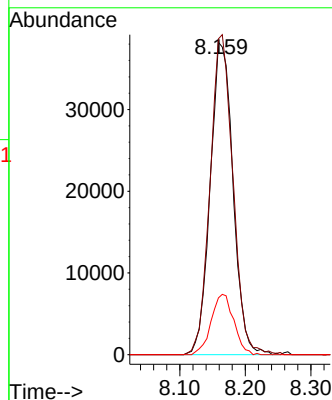
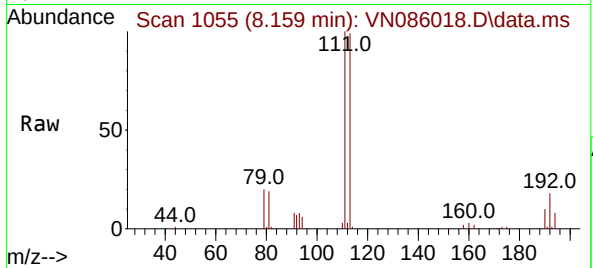




#35
Dibromofluoromethane
Concen: 51.346 ug/l
RT: 8.159 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VN086018.D
Acq: 19 Mar 2025 18:51

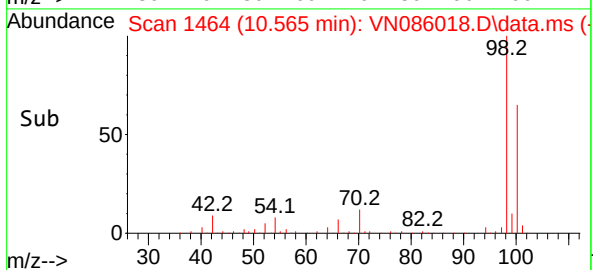
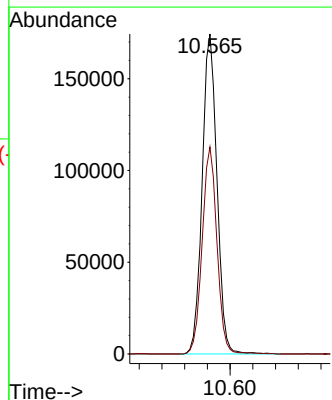
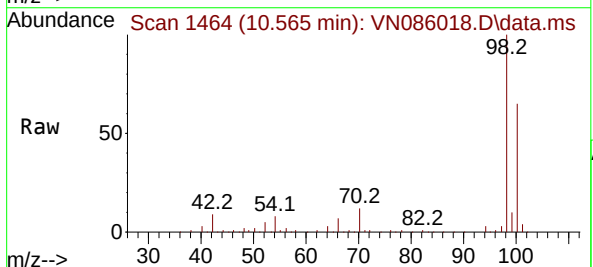
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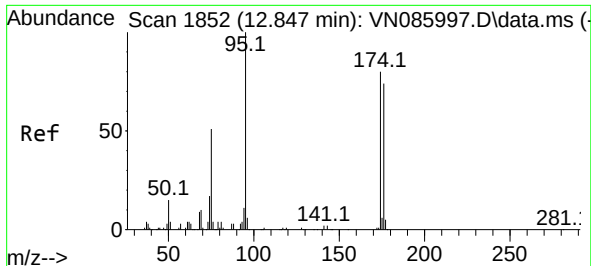
Tgt Ion:113 Resp: 92212
Ion Ratio Lower Upper
113 100
111 102.6 81.8 122.8
192 19.1 15.9 23.9



#50
Toluene-d8
Concen: 48.284 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086018.D
Acq: 19 Mar 2025 18:51

Tgt Ion: 98 Resp: 314706
Ion Ratio Lower Upper
98 100
100 64.7 53.1 79.7

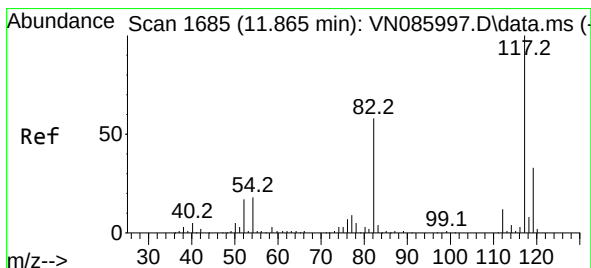
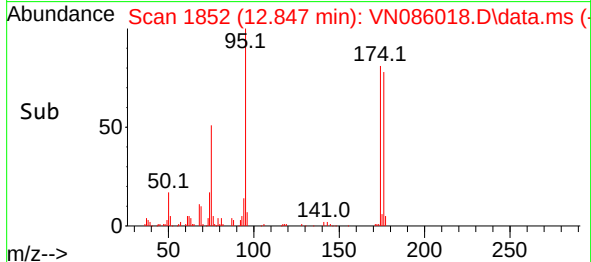
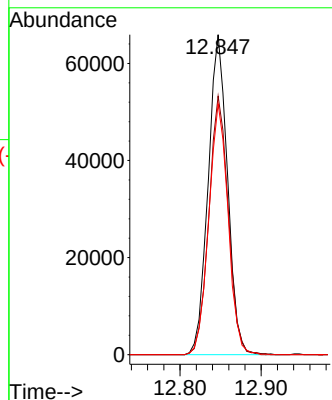
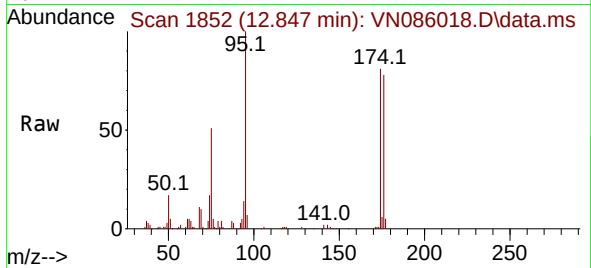




#62
4-Bromofluorobenzene
Concen: 46.840 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086018.D
Acq: 19 Mar 2025 18:51

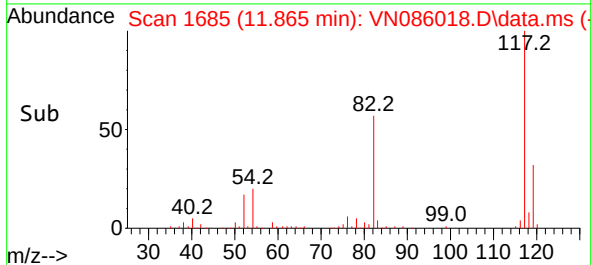
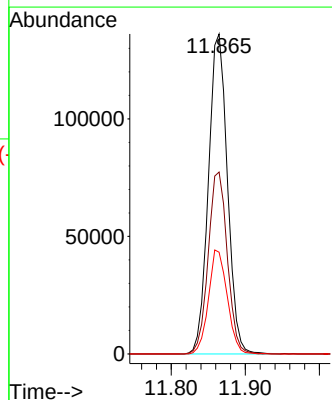
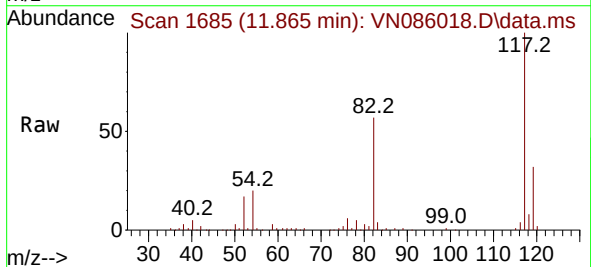
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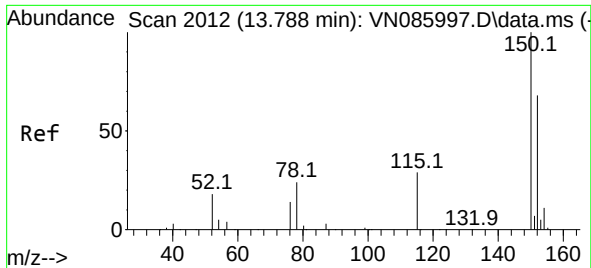
Tgt Ion: 95 Resp: 108879
Ion Ratio Lower Upper
95 100
174 81.6 0.0 156.8
176 78.3 0.0 152.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086018.D
Acq: 19 Mar 2025 18:51

Tgt Ion: 117 Resp: 242349
Ion Ratio Lower Upper
117 100
82 56.8 46.7 70.1
119 31.8 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: VN086018.D

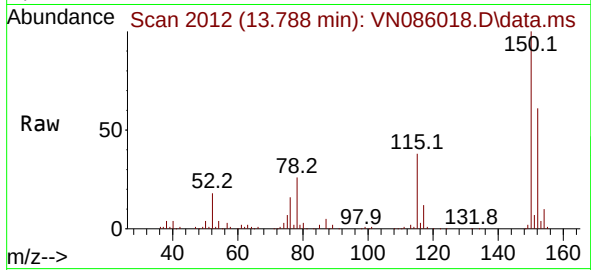
Acq: 19 Mar 2025 18:51

Instrument :

MSVOA_N

ClientSampleId :

3-CONCRETE-SLAB



Tgt Ion:152 Resp: 98553

Ion Ratio Lower Upper

152 100

115 61.0 31.1 93.2

150 160.5 0.0 359.6

