

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031925\
 Data File : VN086017.D
 Acq On : 19 Mar 2025 18:27
 Operator : JC\MD
 Sample : Q1597-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 2-CONCRETE-SLAB

Quant Time: Mar 20 06:34:01 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)

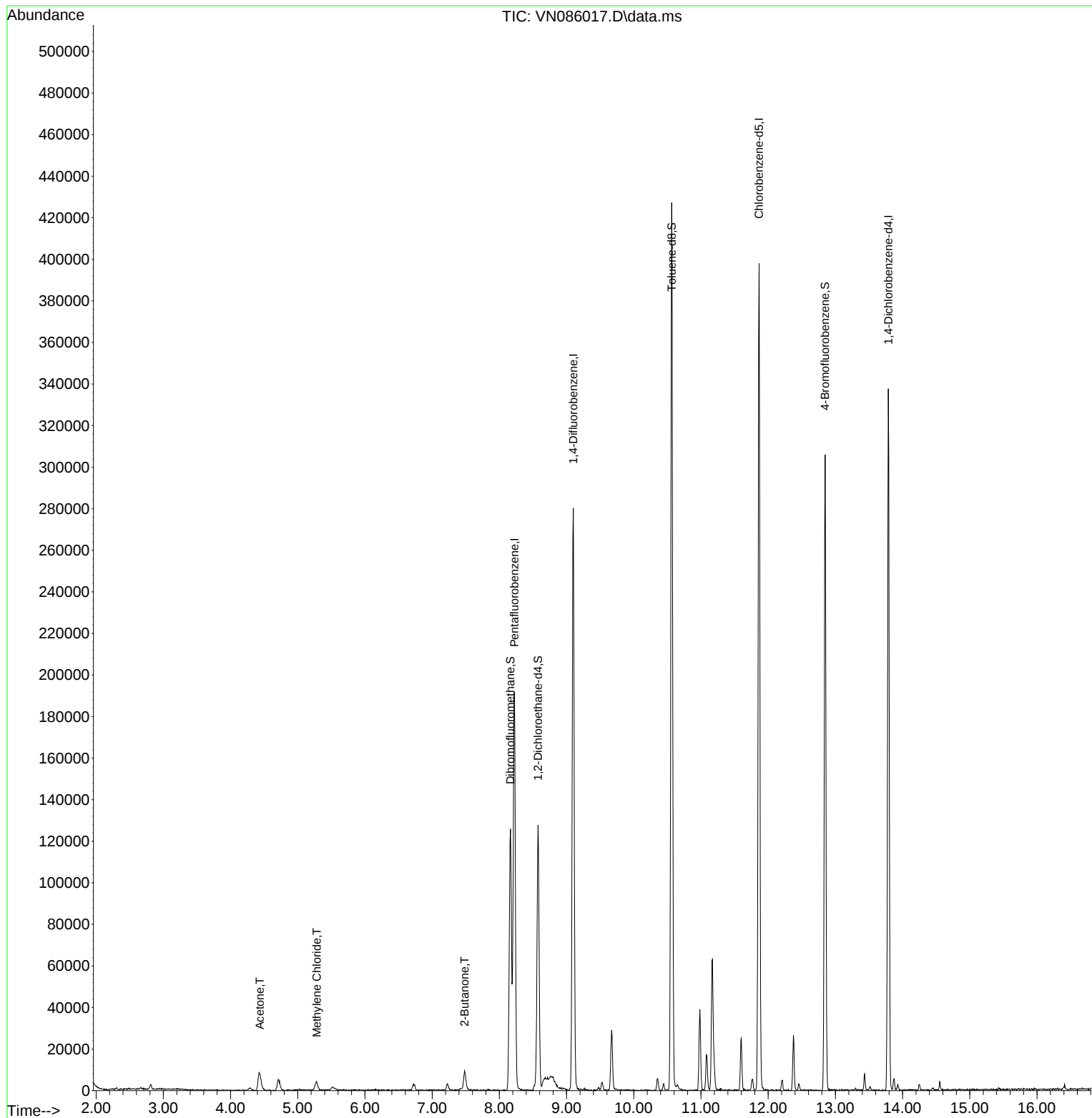
Internal Standards						
1) Pentafluorobenzene	8.224	168	138927	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	245130	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	236624	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	94379	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	107313	56.410	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	112.820%	
35) Dibromofluoromethane	8.165	113	89976	52.588	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	105.180%	
50) Toluene-d8	10.565	98	304670	49.064	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	98.120%	
62) 4-Bromofluorobenzene	12.847	95	106618	48.144	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	96.280%	
Target Compounds						
					Qvalue	
16) Acetone	4.436	43	17331	29.820	ug/l	99
20) Methylene Chloride	5.283	84	3431	2.018	ug/l #	79
25) 2-Butanone	7.483	43	14388	17.157	ug/l	95

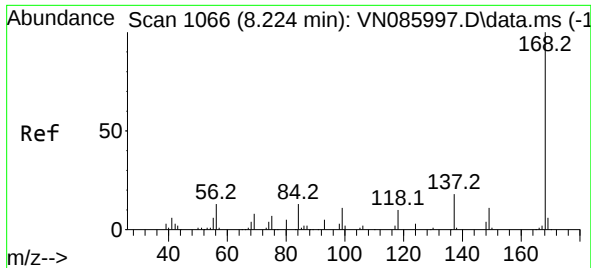
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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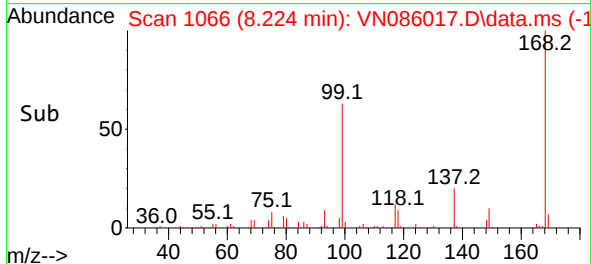
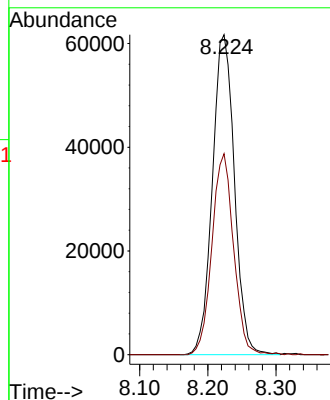
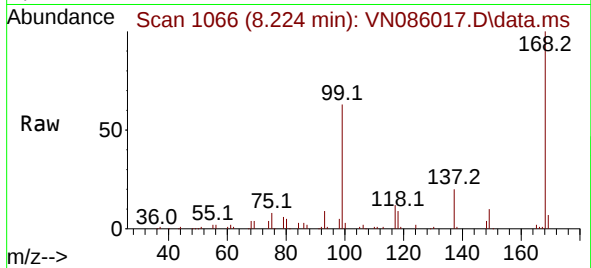




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086017.D
Acq: 19 Mar 2025 18:27

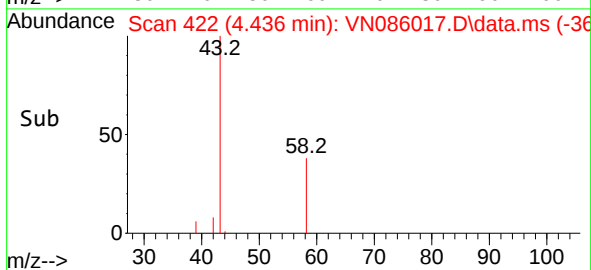
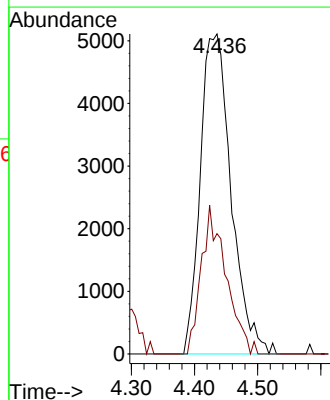
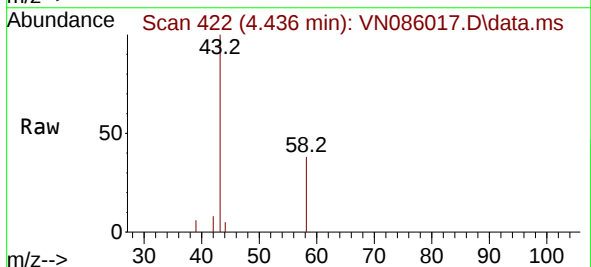
Instrument :
MSVOA_N
ClientSampleId :
2-CONCRETE-SLAB

Tgt Ion:168 Resp: 138927
Ion Ratio Lower Upper
168 100
99 62.8 49.4 74.2



#16
Acetone
Concen: 29.820 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN086017.D
Acq: 19 Mar 2025 18:27

Tgt Ion: 43 Resp: 17331
Ion Ratio Lower Upper
43 100
58 37.6 29.4 44.2

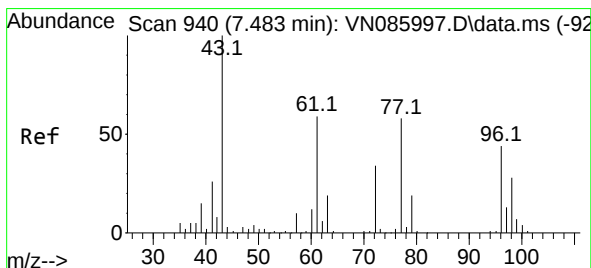
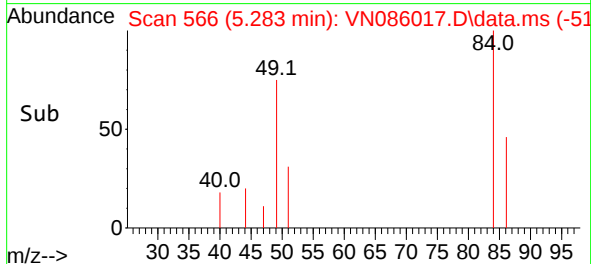
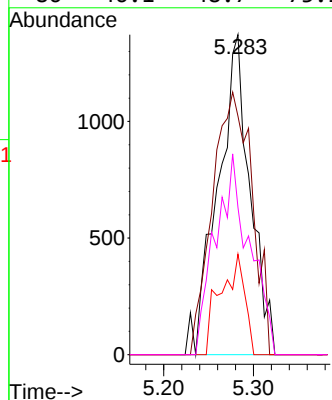
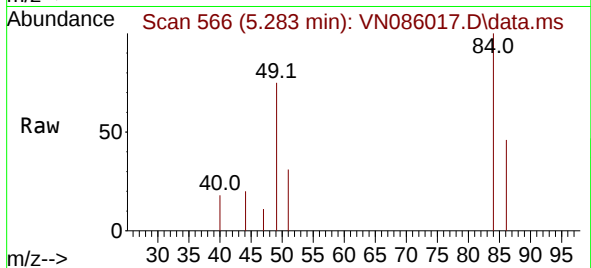




#20
Methylene Chloride
Concen: 2.018 ug/l
RT: 5.283 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN086017.D
Acq: 19 Mar 2025 18:27

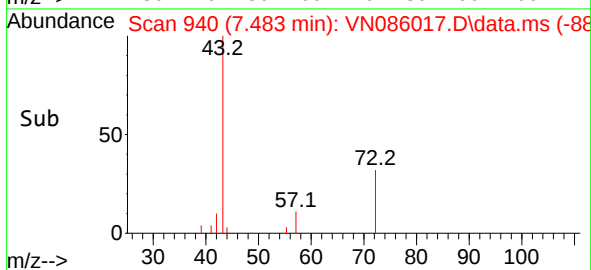
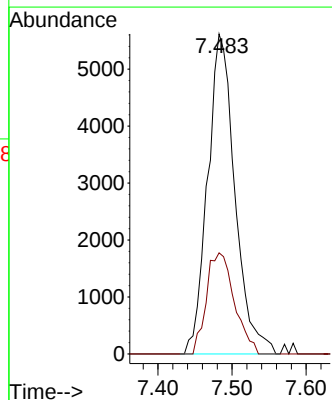
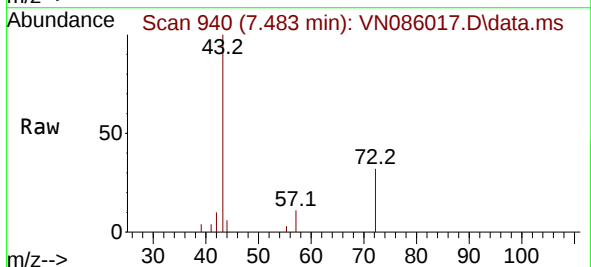
Instrument :
MSVOA_N
ClientSampleId :
2-CONCRETE-SLAB

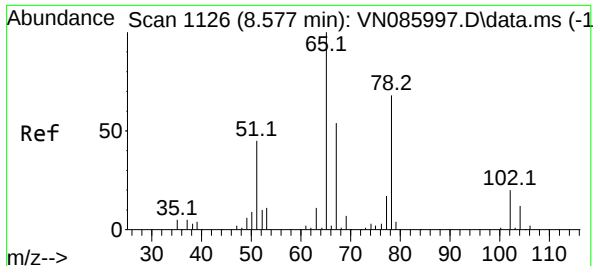
Tgt Ion: 84	Resp: 3431
Ion Ratio	Lower Upper
84 100	
49 74.6	83.3 124.9#
51 31.4	24.8 37.2
86 46.1	48.7 73.1#



#25
2-Butanone
Concen: 17.157 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN086017.D
Acq: 19 Mar 2025 18:27

Tgt Ion: 43	Resp: 14388
Ion Ratio	Lower Upper
43 100	
72 31.6	27.4 41.0

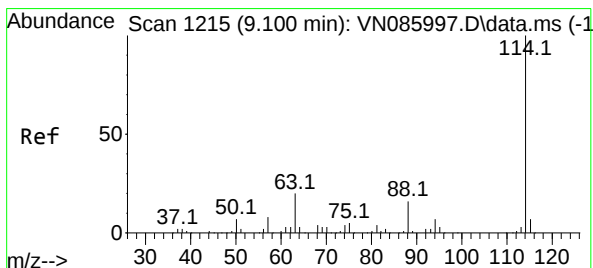
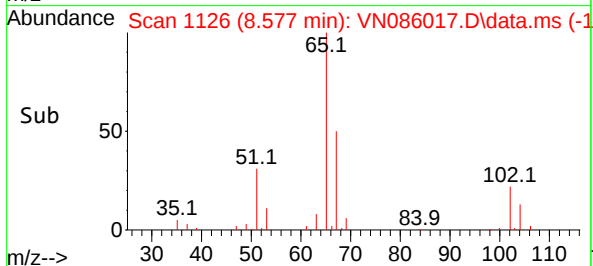
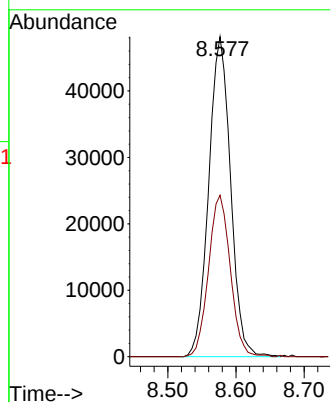
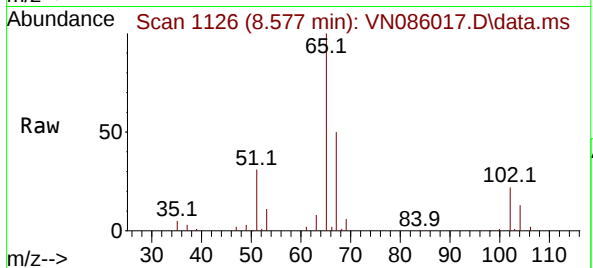




#33
 1,2-Dichloroethane-d4
 Concen: 56.410 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: VN086017.D
 Acq: 19 Mar 2025 18:27

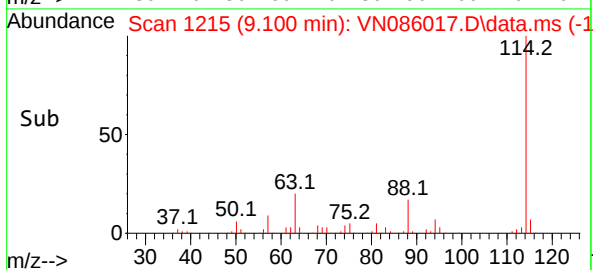
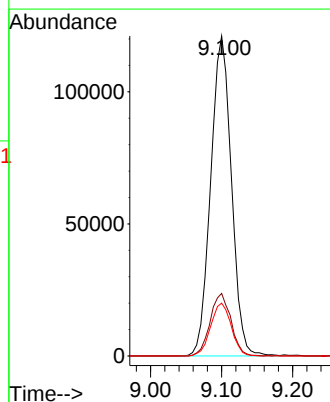
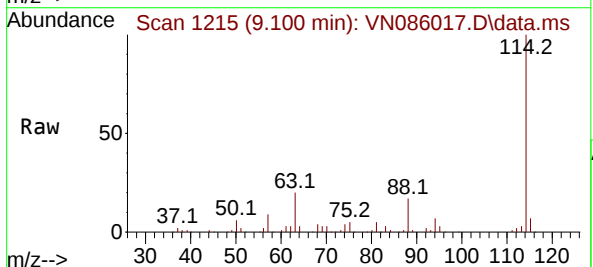
Instrument :
 MSVOA_N
 ClientSampleId :
 2-CONCRETE-SLAB

Tgt Ion: 65 Resp: 107313
 Ion Ratio Lower Upper
 65 100
 67 50.3 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: VN086017.D
 Acq: 19 Mar 2025 18:27

Tgt Ion: 114 Resp: 245130
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 39.6
 88 16.5 0.0 32.6





#35

Dibromofluoromethane

Concen: 52.588 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN086017.D

Acq: 19 Mar 2025 18:27

Instrument :

MSVOA_N

ClientSampleId :

2-CONCRETE-SLAB

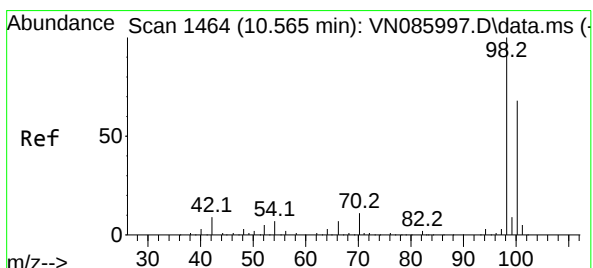
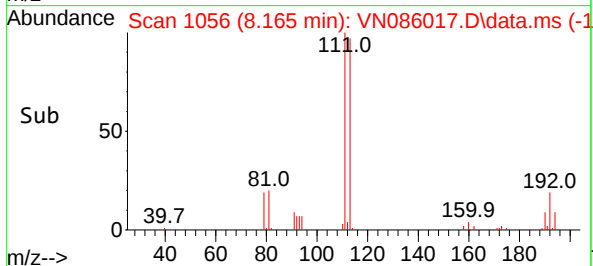
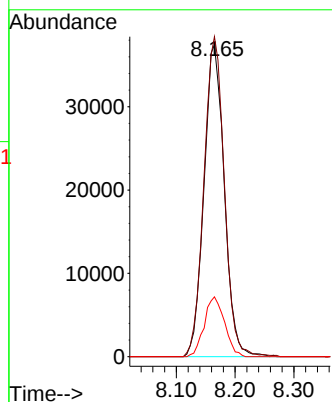
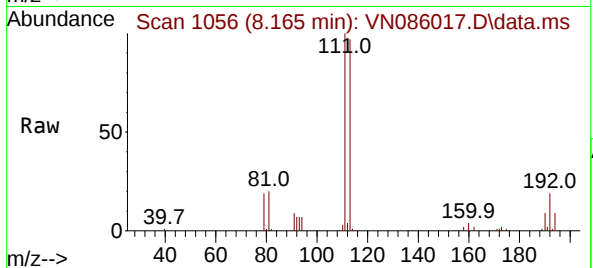
Tgt Ion:113 Resp: 89976

Ion Ratio Lower Upper

113 100

111 102.9 81.8 122.8

192 19.2 15.9 23.9



#50

Toluene-d8

Concen: 49.064 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN086017.D

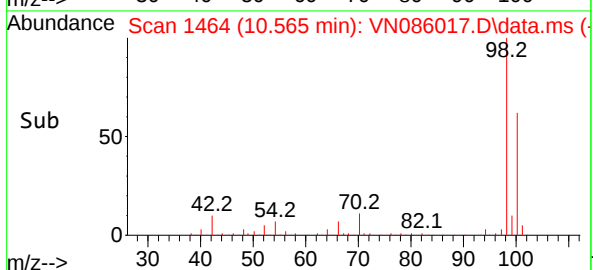
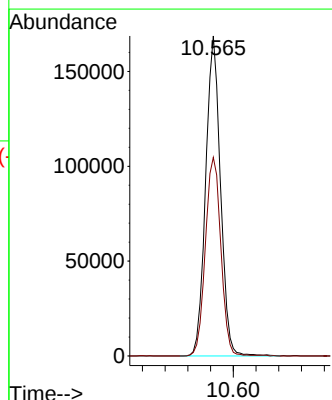
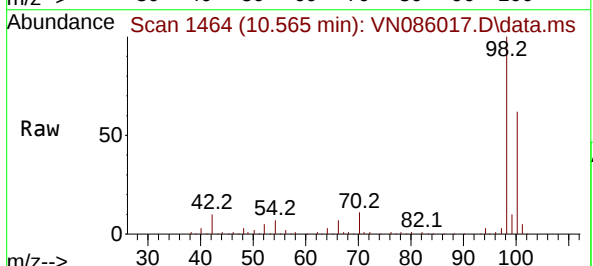
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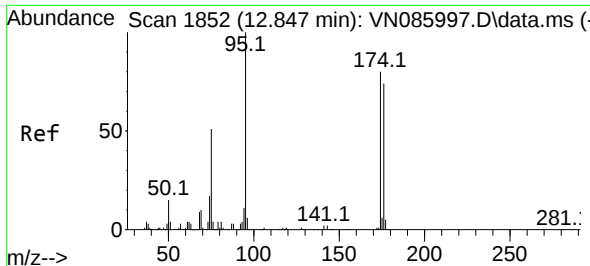
Tgt Ion: 98 Resp: 304670

Ion Ratio Lower Upper

98 100

100 64.8 53.1 79.7

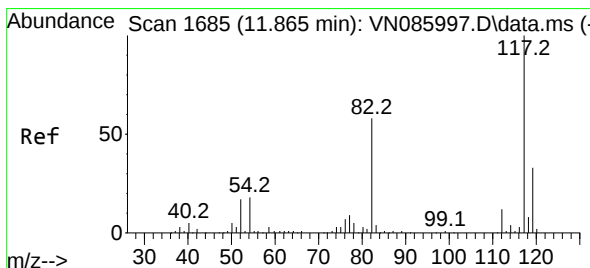
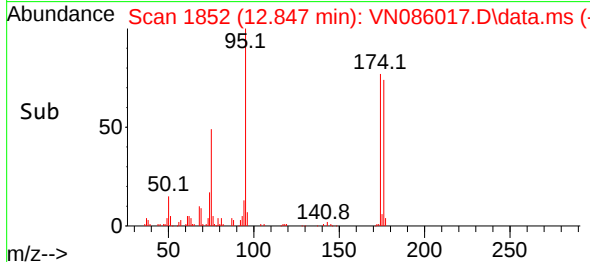
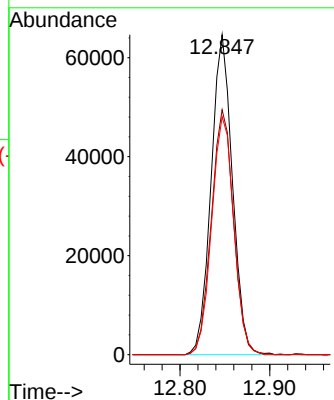
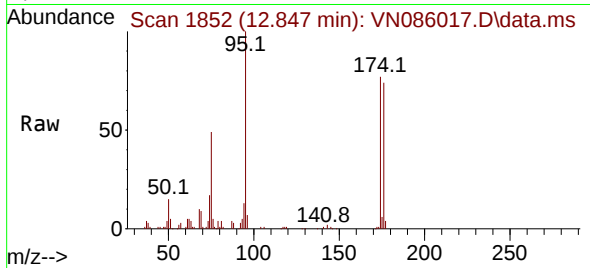




#62
4-Bromofluorobenzene
Concen: 48.144 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086017.D
Acq: 19 Mar 2025 18:27

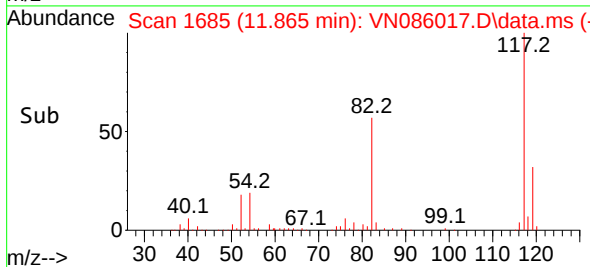
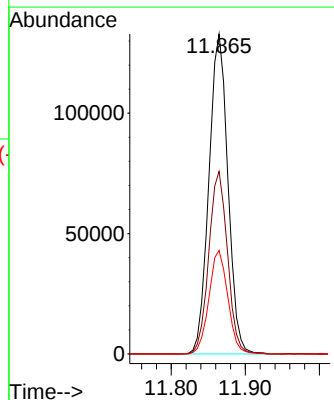
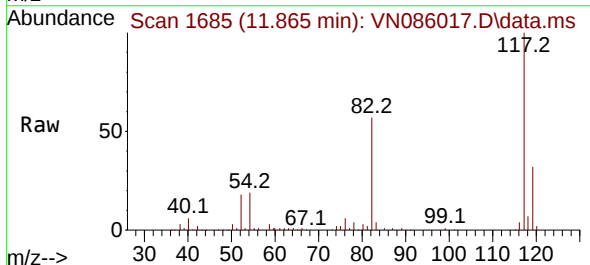
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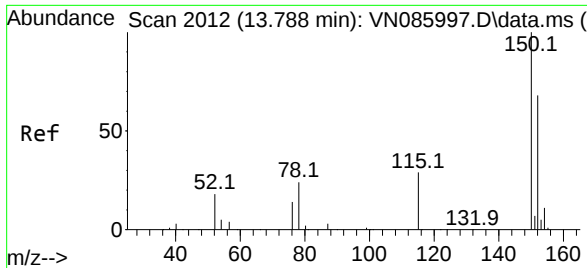
Tgt Ion: 95 Resp: 106618
Ion Ratio Lower Upper
95 100
174 79.5 0.0 156.8
176 77.2 0.0 152.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086017.D
Acq: 19 Mar 2025 18:27

Tgt Ion: 117 Resp: 236624
Ion Ratio Lower Upper
117 100
82 57.1 46.7 70.1
119 32.4 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: VN086017.D

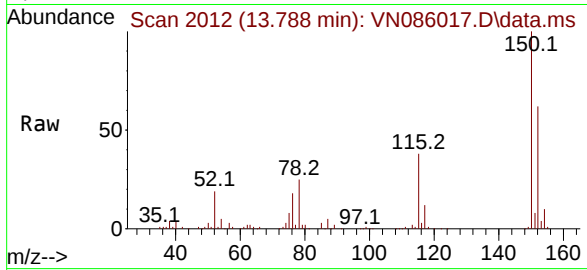
Acq: 19 Mar 2025 18:27

Instrument :

MSVOA_N

ClientSampleId :

2-CONCRETE-SLAB



Tgt Ion:152 Resp: 94379

Ion Ratio Lower Upper

152 100

115 61.0 31.1 93.2

150 159.6 0.0 359.6

