

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071924\
 Data File : VN082992.D
 Acq On : 19 Jul 2024 16:35
 Operator : JC\MD
 Sample : P3307-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VPB189-HYD-20240717

Quant Time: Jul 22 02:07:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

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

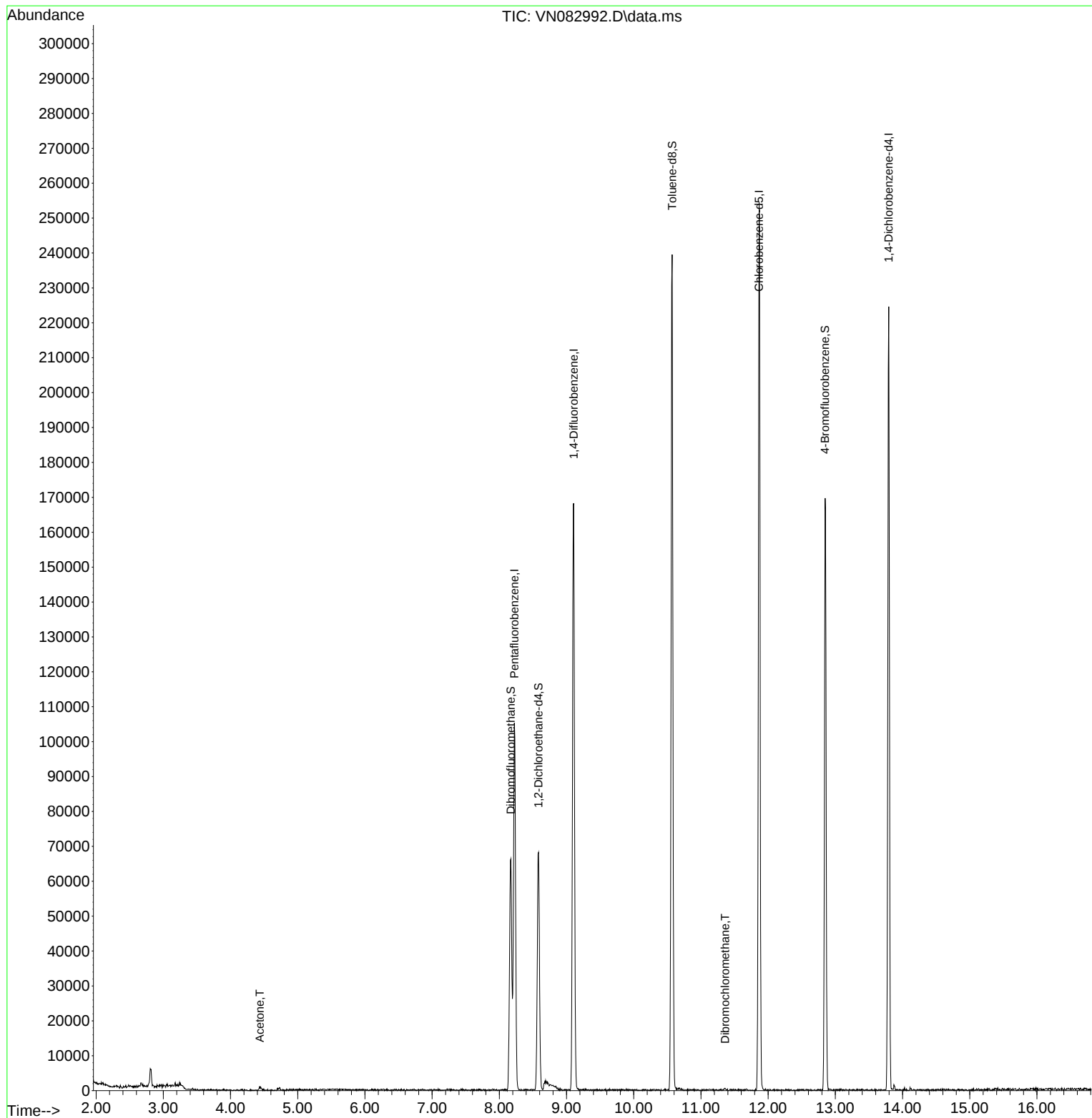
Internal Standards						
1) Pentafluorobenzene	8.224	168	73464	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	143735	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	142172	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	57444	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	57162	55.507	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 111.020%			
35) Dibromofluoromethane	8.171	113	46950	50.905	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.800%			
50) Toluene-d8	10.571	98	162112	47.589	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 95.180%			
62) 4-Bromofluorobenzene	12.847	95	53205	43.480	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 86.960%			
Target Compounds						Qvalue
16) Acetone	4.436	43	1889	5.210	ug/l	92
60) Dibromochloromethane	11.359	129	562	0.491	ug/l	87

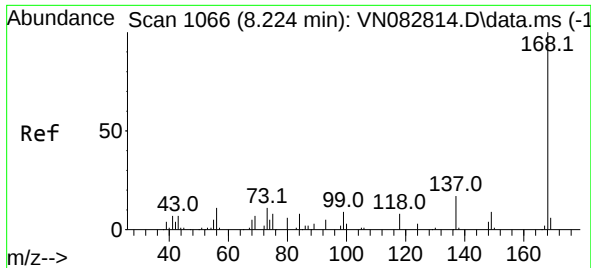
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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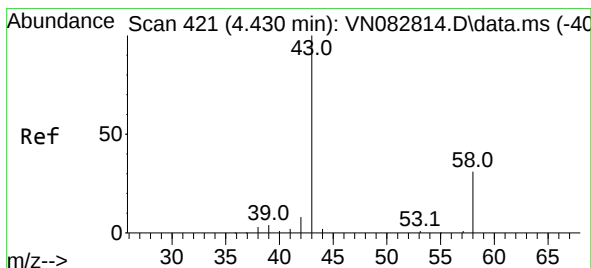
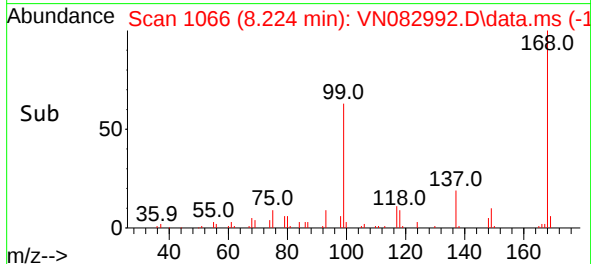
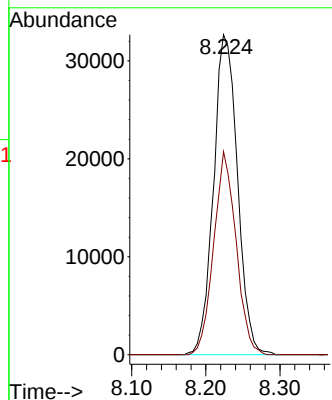
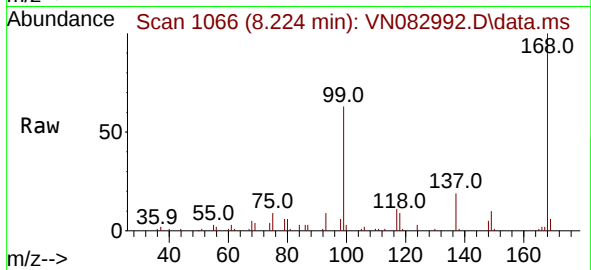




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.005 min
Lab File: VN082992.D
Acq: 19 Jul 2024 16:35

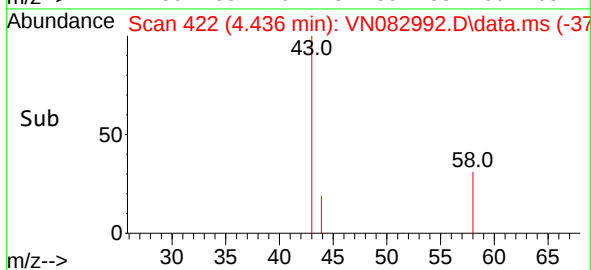
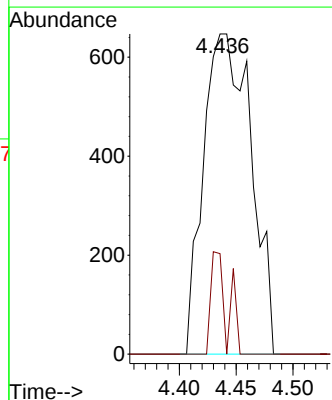
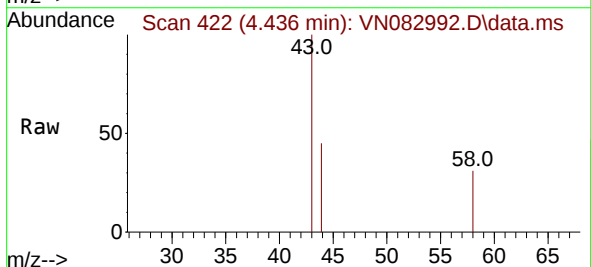
Instrument :
MSVOA_N
ClientSampleId :
VPB189-HYD-20240717

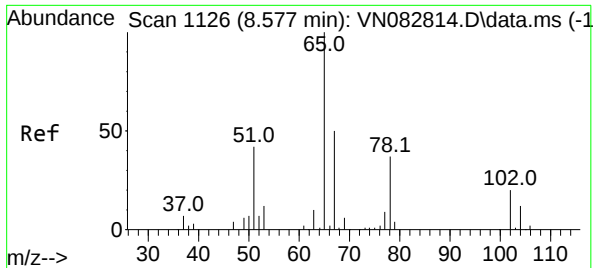
Tgt Ion:168 Resp: 73464
Ion Ratio Lower Upper
168 100
99 63.5 48.2 72.4



#16
Acetone
Concen: 5.210 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN082992.D
Acq: 19 Jul 2024 16:35

Tgt Ion: 43 Resp: 1889
Ion Ratio Lower Upper
43 100
58 31.4 21.8 32.6





#33

1,2-Dichloroethane-d4

Concen: 55.507 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.001 min

Lab File: VN082992.D

Acq: 19 Jul 2024 16:35

Instrument :

MSVOA_N

ClientSampleId :

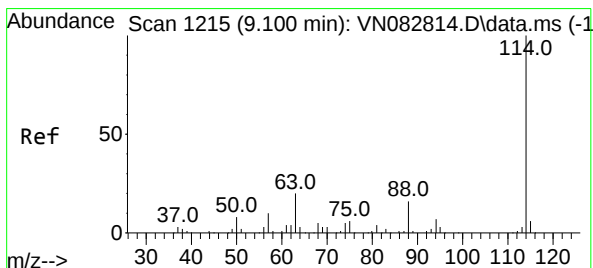
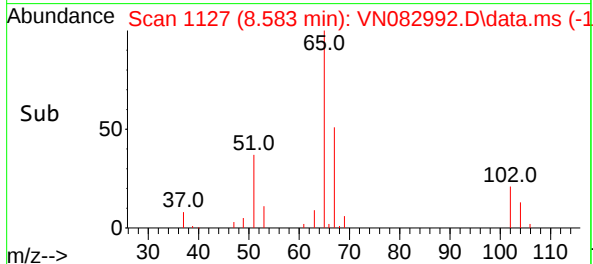
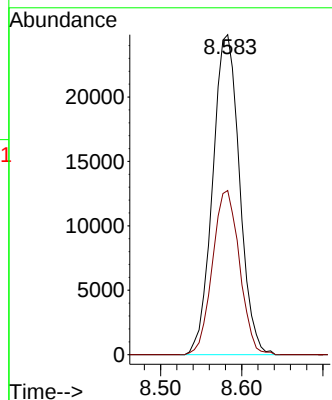
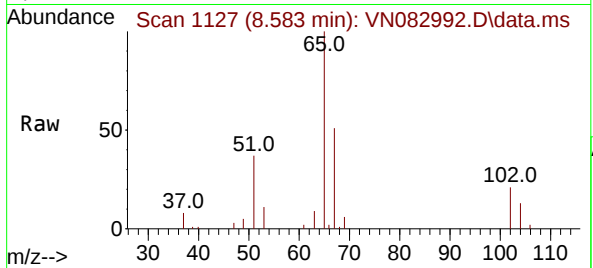
VPB189-HYD-20240717

Tgt Ion: 65 Resp: 57162

Ion Ratio Lower Upper

65 100

67 51.6 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN082992.D

Acq: 19 Jul 2024 16:35

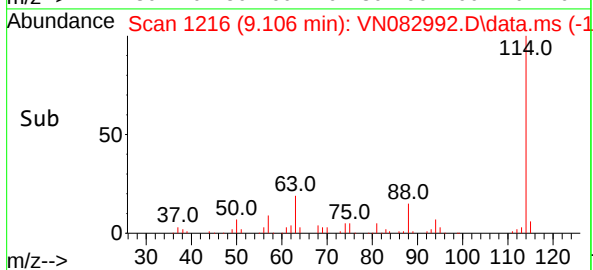
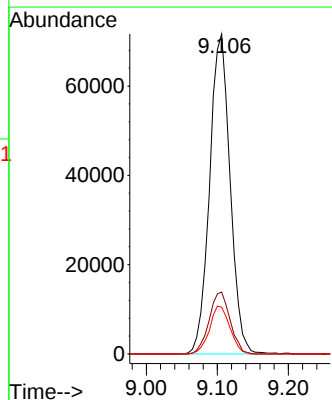
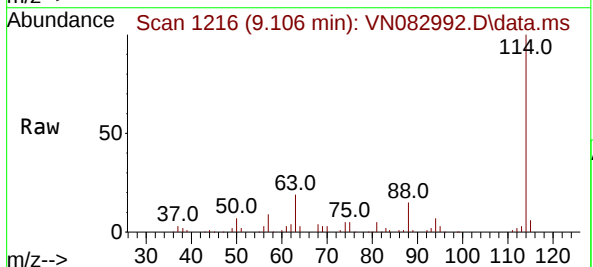
Tgt Ion: 114 Resp: 143735

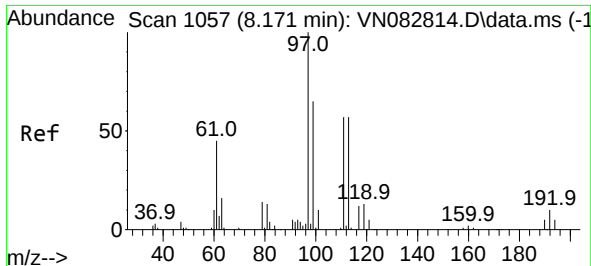
Ion Ratio Lower Upper

114 100

63 19.4 0.0 44.6

88 14.6 0.0 31.4

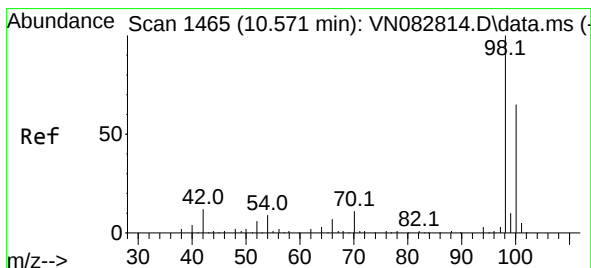
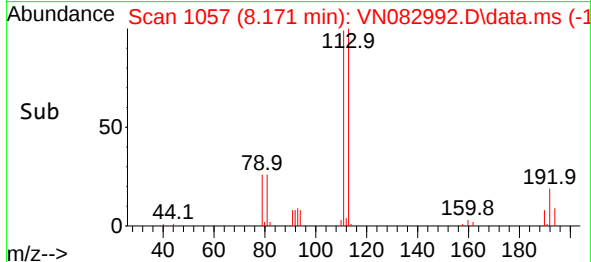
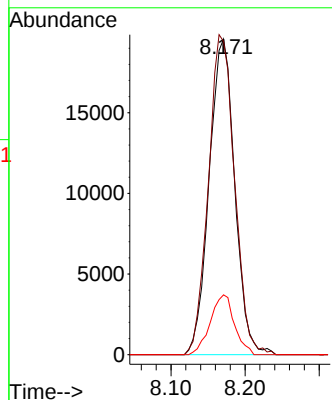
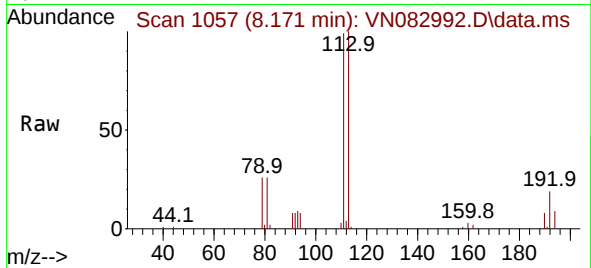




#35
Dibromofluoromethane
Concen: 50.905 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN082992.D
Acq: 19 Jul 2024 16:35

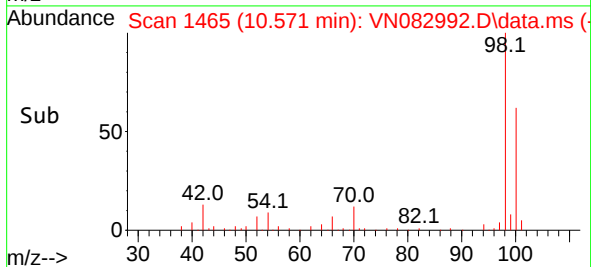
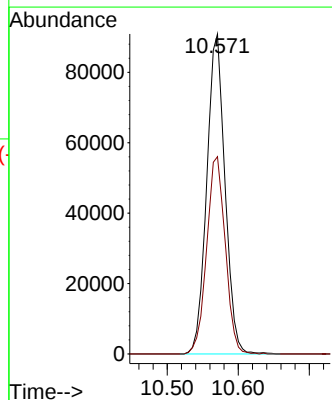
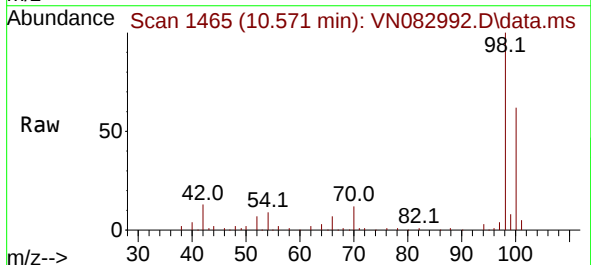
Instrument :
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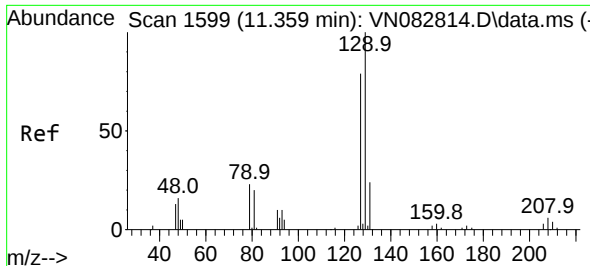
Tgt Ion:113 Resp: 46950
Ion Ratio Lower Upper
113 100
111 103.5 82.4 123.6
192 17.9 14.9 22.3



#50
Toluene-d8
Concen: 47.589 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN082992.D
Acq: 19 Jul 2024 16:35

Tgt Ion: 98 Resp: 162112
Ion Ratio Lower Upper
98 100
100 62.9 51.5 77.3

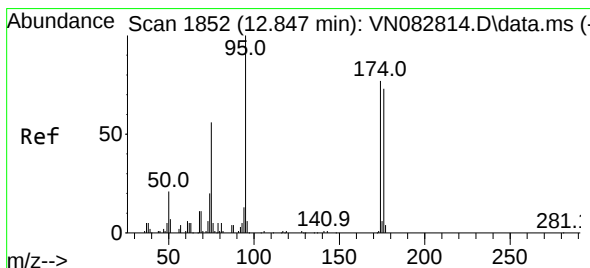
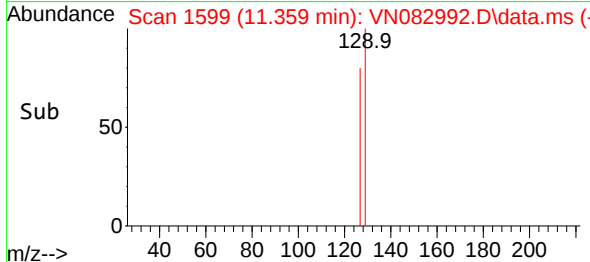
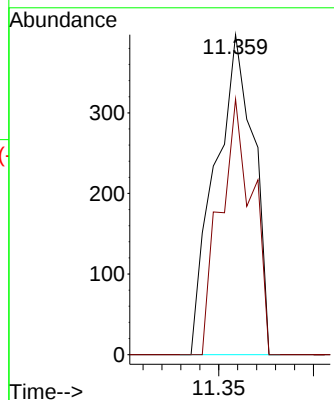
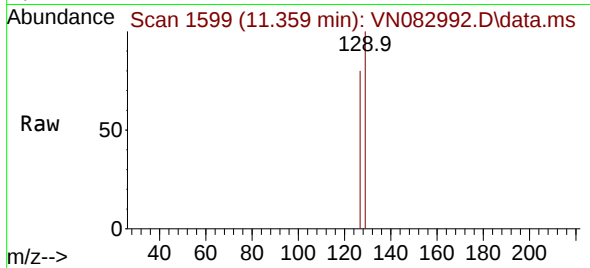




#60
Dibromochloromethane
Concen: 0.491 ug/l
RT: 11.359 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN082992.D
Acq: 19 Jul 2024 16:35

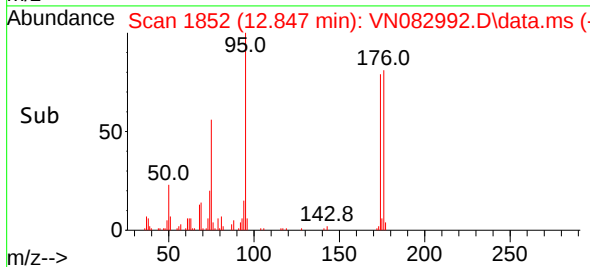
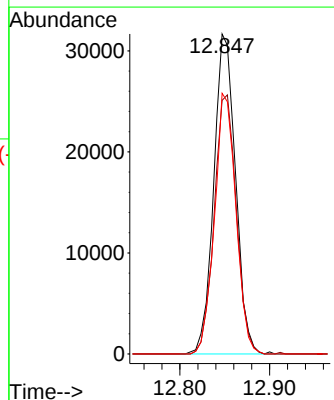
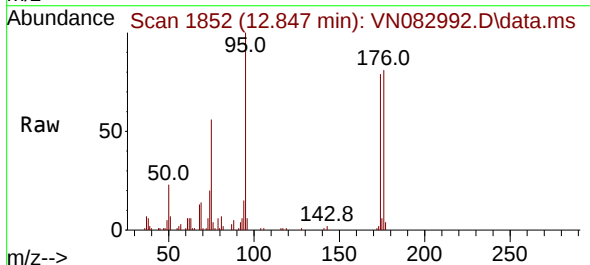
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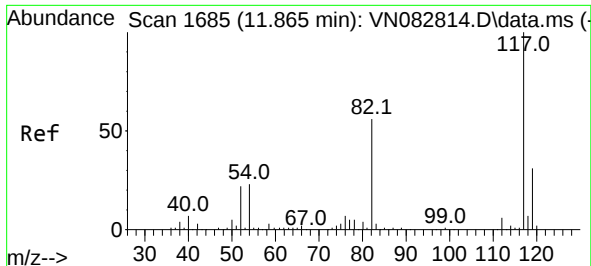
Tgt Ion:129 Resp: 562
Ion Ratio Lower Upper
129 100
127 67.3 39.2 117.6



#62
4-Bromofluorobenzene
Concen: 43.480 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN082992.D
Acq: 19 Jul 2024 16:35

Tgt Ion: 95 Resp: 53205
Ion Ratio Lower Upper
95 100
174 82.5 0.0 159.2
176 80.3 0.0 147.6

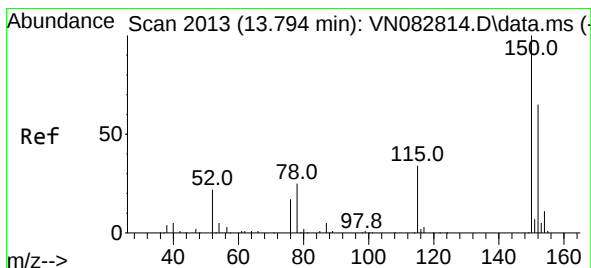
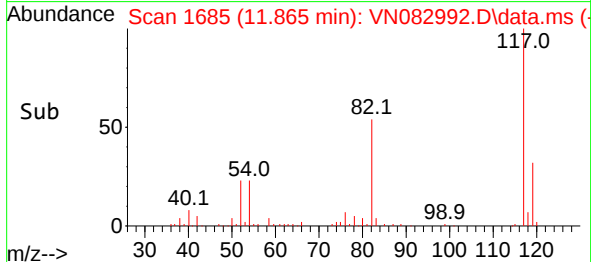
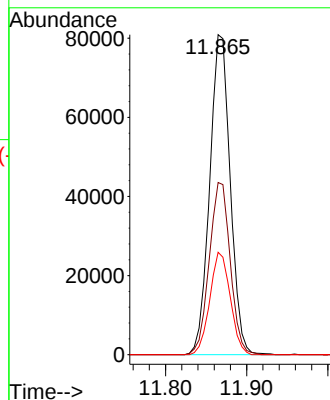
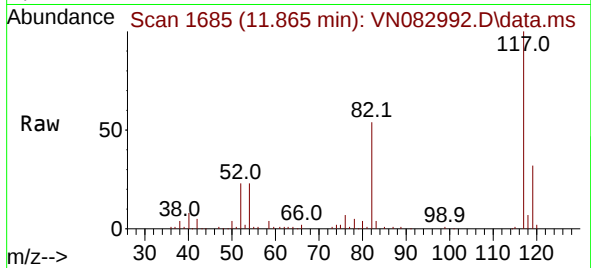




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.005 min
Lab File: VN082992.D
Acq: 19 Jul 2024 16:35

Instrument :
MSVOA_N
ClientSampleId :
VPB189-HYD-20240717

Tgt Ion:117	Resp: 142172
Ion Ratio	Lower Upper
117 100	
82 53.8	47.5 71.3
119 32.0	25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN082992.D
Acq: 19 Jul 2024 16:35

Tgt Ion:152	Resp:	57444	
Ion	Ratio	Lower	Upper
152	100		
115	61.0	30.6	91.6
150	161.5	0.0	348.6

