

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU053023\
 Data File : VU054310.D
 Acq On : 30 May 2023 13:47
 Operator : JC/MD
 Sample : 02912-06
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BPOW1-8-20230523

Quant Time: May 31 06:25:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052523W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 26 06:40:51 2023
 Response via : Initial Calibration

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

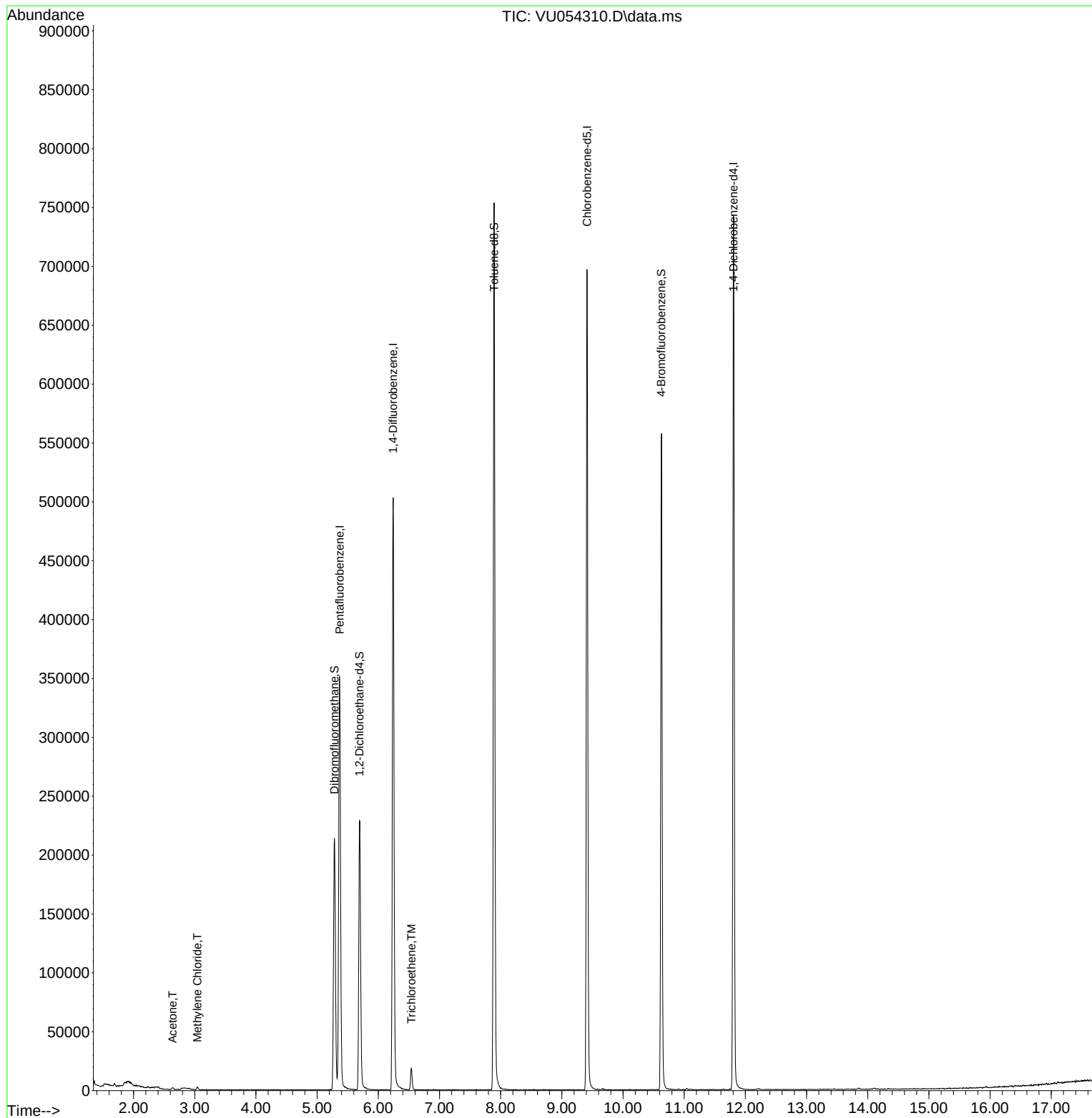
Internal Standards						
1) Pentafluorobenzene	5.369	168	257565	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.244	114	417065	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.414	117	400493	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.806	152	200437	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.694	65	175703	52.038	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 104.080%	
35) Dibromofluoromethane	5.282	113	139750	52.033	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.060%	
50) Toluene-d8	7.893	98	517939	50.699	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 101.400%	
62) 4-Bromofluorobenzene	10.626	95	185938	46.940	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 93.880%	
Target Compounds						
					Qvalue	
16) Acetone	2.639	43	1804	0.932	ug/l	93
20) Methylene Chloride	3.041	84	1206	0.345	ug/l #	85
44) Trichloroethene	6.539	130	6481	1.927	ug/l	97

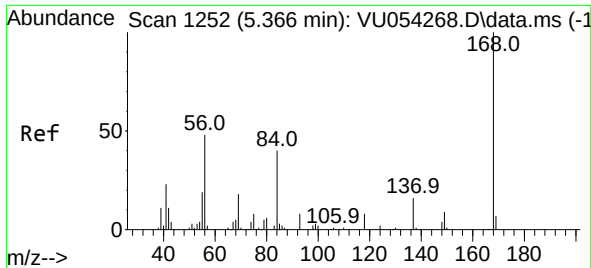
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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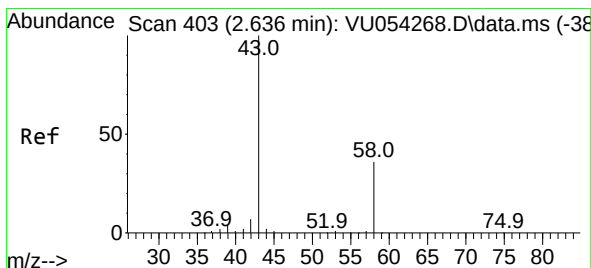
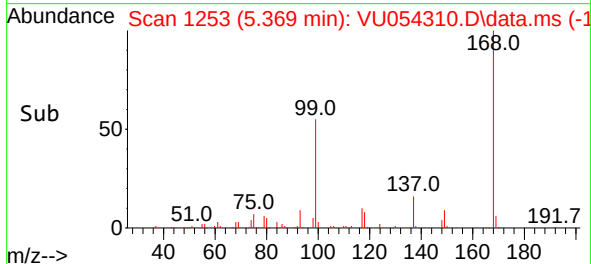
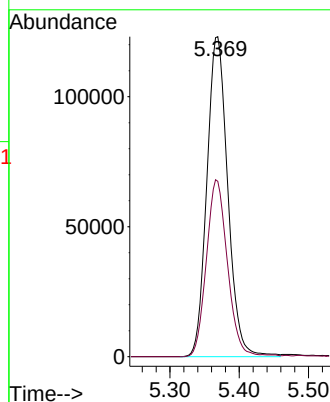
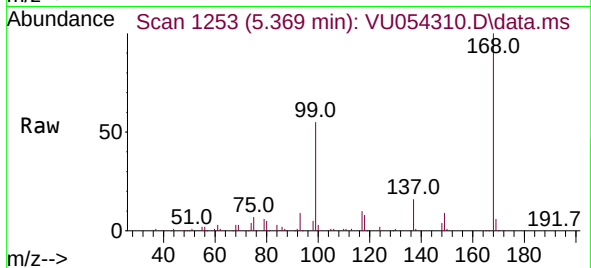




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.369 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU054310.D
Acq: 30 May 2023 13:47

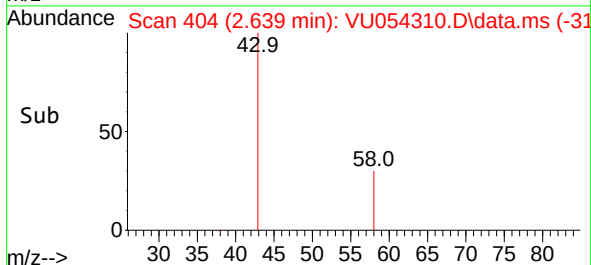
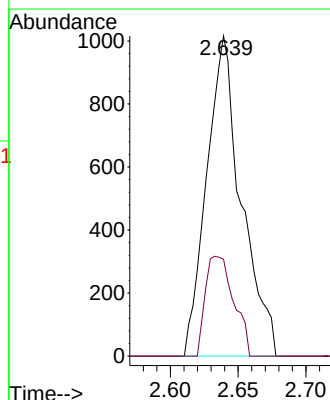
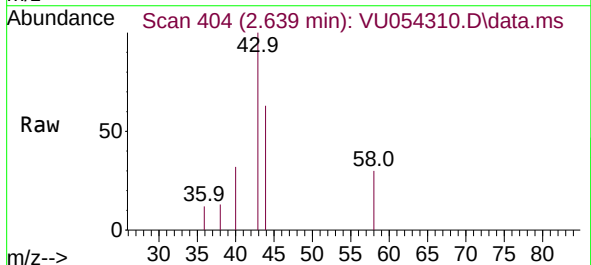
Instrument :
MSVOA_U
ClientSampleId :
BPOW1-8-20230523

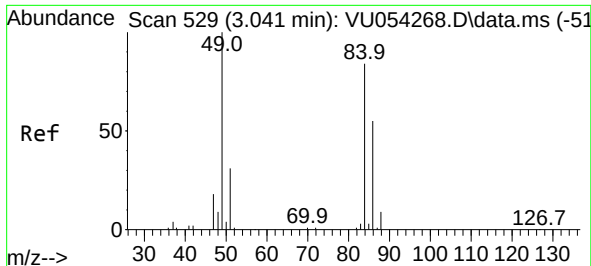
Tgt Ion:168 Resp: 257565
Ion Ratio Lower Upper
168 100
99 54.8 39.3 58.9



#16
Acetone
Concen: 0.932 ug/l
RT: 2.639 min Scan# 404
Delta R.T. 0.003 min
Lab File: VU054310.D
Acq: 30 May 2023 13:47

Tgt Ion: 43 Resp: 1804
Ion Ratio Lower Upper
43 100
58 30.2 27.5 41.3

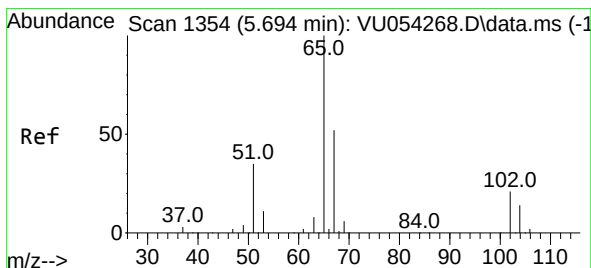
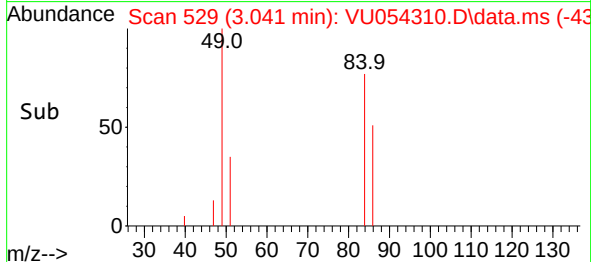
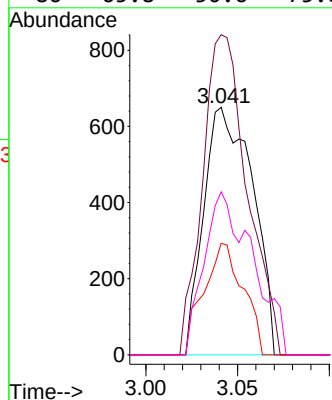
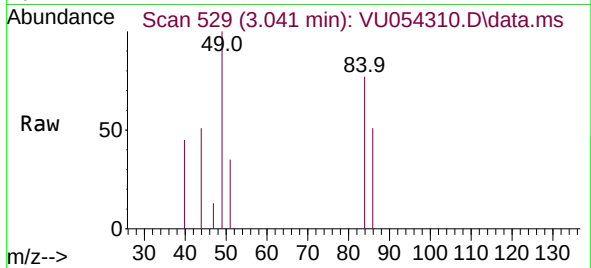




#20
Methylene Chloride
Concen: 0.345 ug/l
RT: 3.041 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU054310.D
Acq: 30 May 2023 13:47

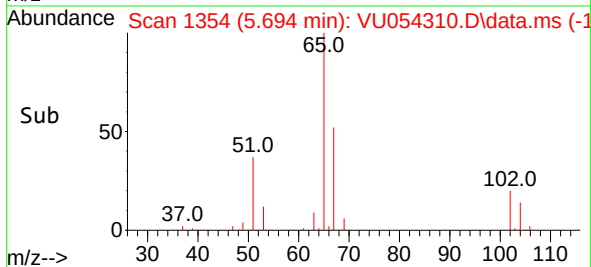
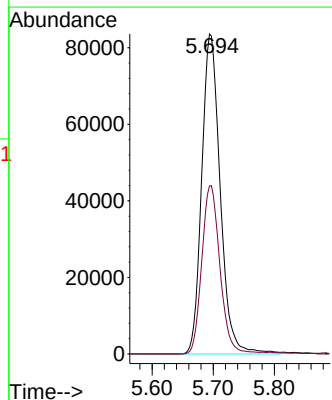
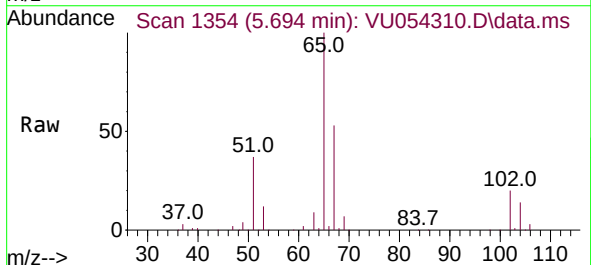
Instrument :
MSVOA_U
ClientSampleId :
BPOW1-8-20230523

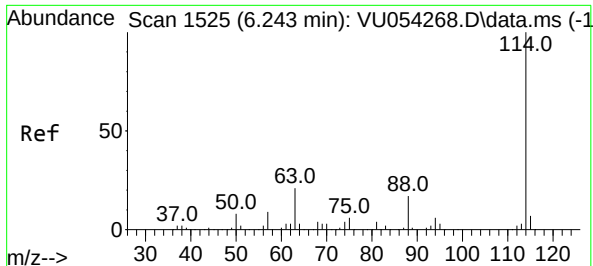
Tgt Ion:	84	Resp:	1206
Ion	Ratio	Lower	Upper
84	100		
49	129.4	86.6	129.8
51	45.1	26.6	40.0#
86	65.8	50.6	75.8



#33
1,2-Dichloroethane-d4
Concen: 52.038 ug/l
RT: 5.694 min Scan# 1354
Delta R.T. -0.000 min
Lab File: VU054310.D
Acq: 30 May 2023 13:47

Tgt Ion:	65	Resp:	175703
Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	108.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.244 min Scan# 11

Delta R.T. 0.001 min

Lab File: VU054310.D

Acq: 30 May 2023 13:47

Instrument :

MSVOA_U

ClientSampleId :

BPOW1-8-20230523

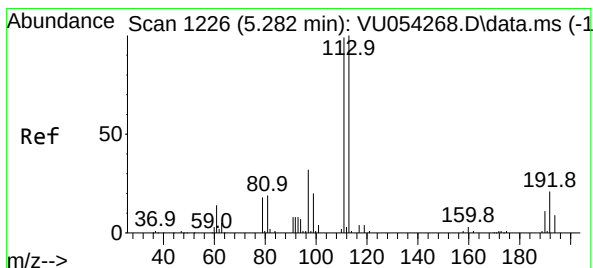
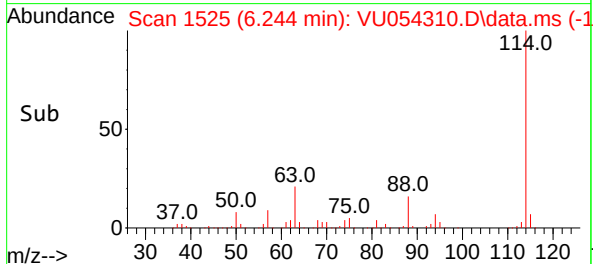
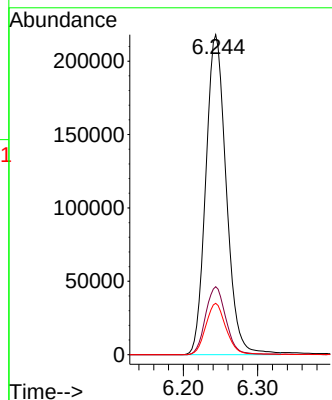
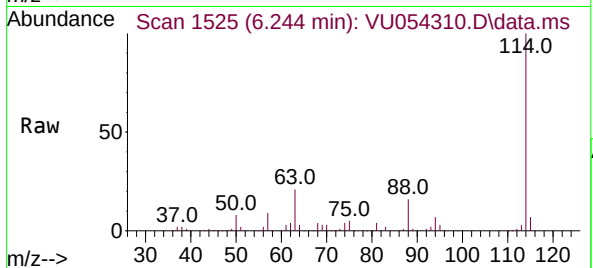
Tgt Ion:114 Resp: 417065

Ion Ratio Lower Upper

114 100

63 21.3 0.0 37.8

88 16.1 0.0 29.2



#35

Dibromofluoromethane

Concen: 52.033 ug/l

RT: 5.282 min Scan# 1226

Delta R.T. 0.000 min

Lab File: VU054310.D

Acq: 30 May 2023 13:47

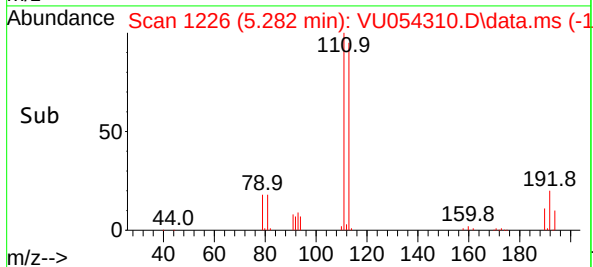
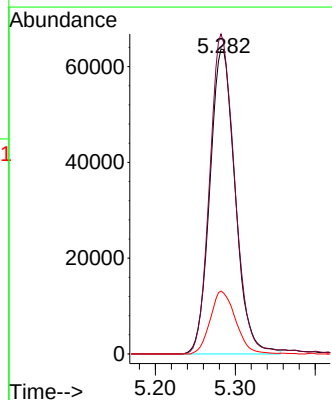
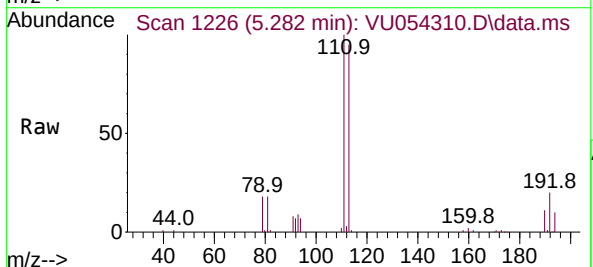
Tgt Ion:113 Resp: 139750

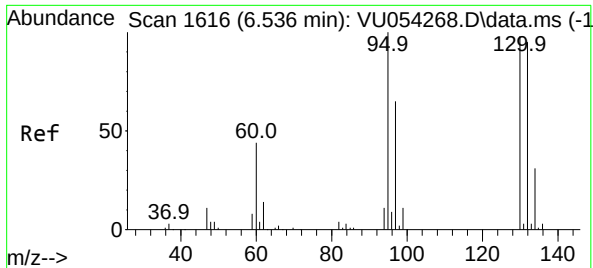
Ion Ratio Lower Upper

113 100

111 103.5 82.1 123.1

192 20.7 18.0 27.0

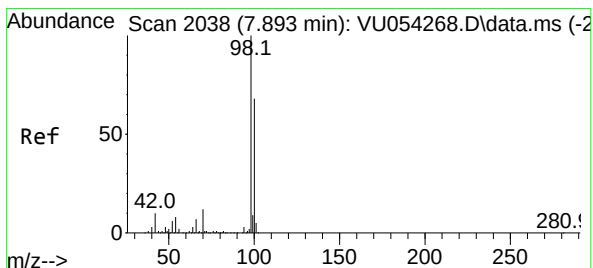
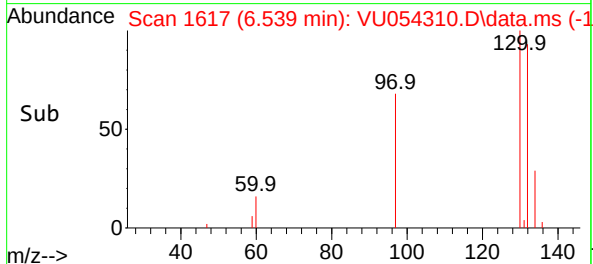
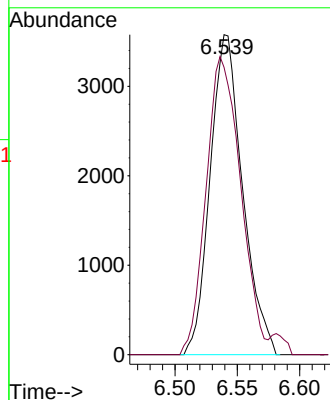
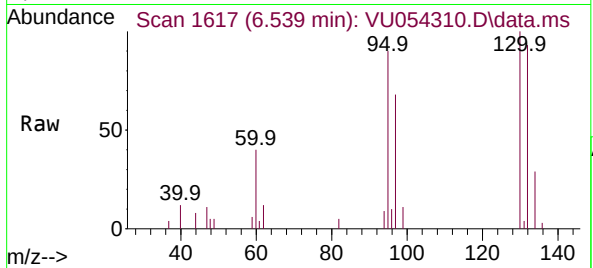




#44
 Trichloroethene
 Concen: 1.927 ug/l
 RT: 6.539 min Scan# 1617
 Delta R.T. 0.003 min
 Lab File: VU054310.D
 Acq: 30 May 2023 13:47

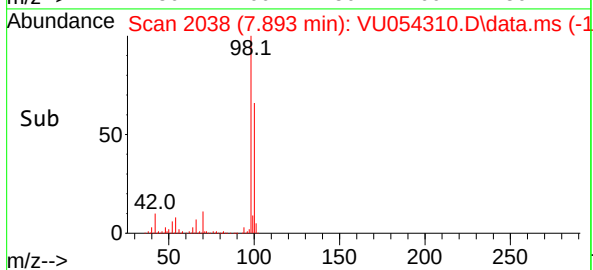
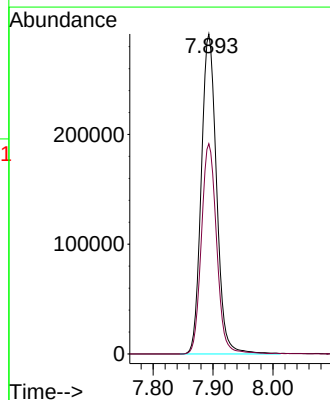
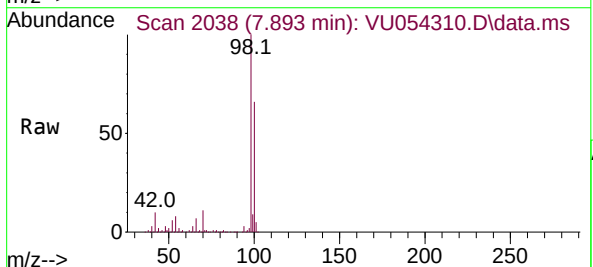
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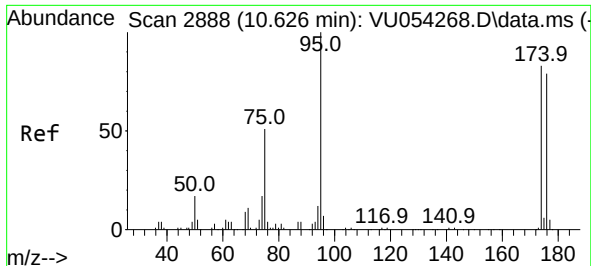
Tgt Ion:130 Resp: 6481
 Ion Ratio Lower Upper
 130 100
 95 89.8 0.0 184.6



#50
 Toluene-d8
 Concen: 50.699 ug/l
 RT: 7.893 min Scan# 2038
 Delta R.T. -0.000 min
 Lab File: VU054310.D
 Acq: 30 May 2023 13:47

Tgt Ion: 98 Resp: 517939
 Ion Ratio Lower Upper
 98 100
 100 65.7 51.7 77.5





#62

4-Bromofluorobenzene

Concen: 46.940 ug/l

RT: 10.626 min Scan# 2888

Delta R.T. -0.000 min

Lab File: VU054310.D

Acq: 30 May 2023 13:47

Instrument :

MSVOA_U

ClientSampleId :

BPOW1-8-20230523

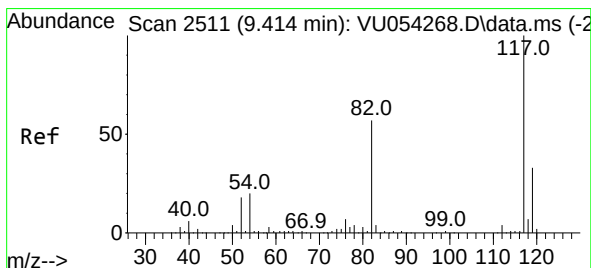
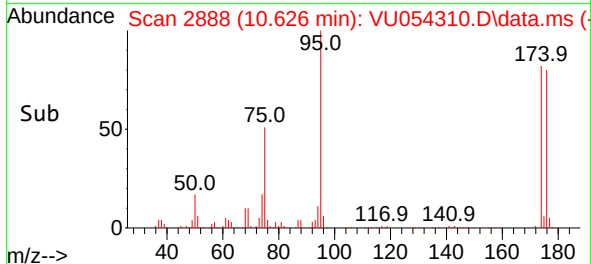
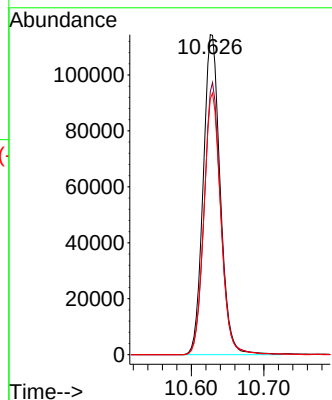
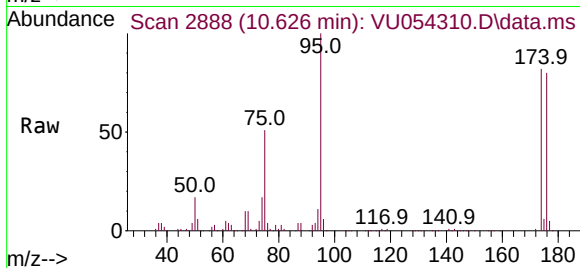
Tgt Ion: 95 Resp: 185938

Ion Ratio Lower Upper

95 100

174 82.9 0.0 182.0

176 81.5 0.0 177.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.414 min Scan# 2511

Delta R.T. -0.000 min

Lab File: VU054310.D

Acq: 30 May 2023 13:47

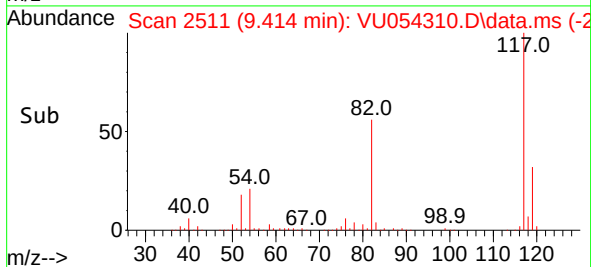
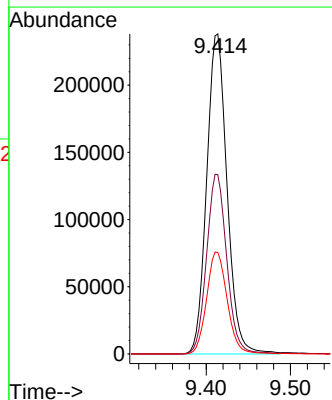
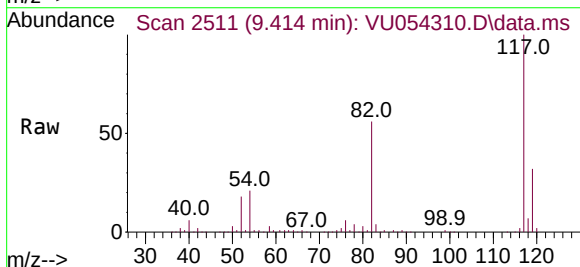
Tgt Ion: 117 Resp: 400493

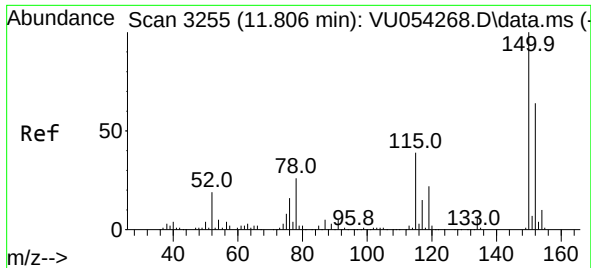
Ion Ratio Lower Upper

117 100

82 56.1 41.7 62.5

119 31.7 25.7 38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.806 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU054310.D

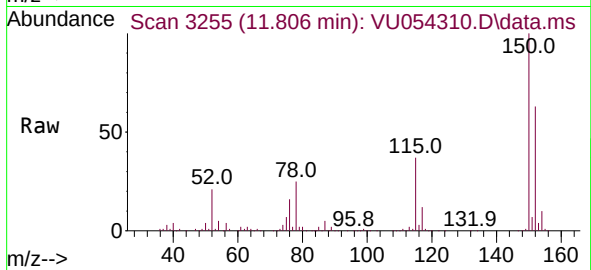
Acq: 30 May 2023 13:47

Instrument :

MSVOA_U

ClientSampleId :

BPOW1-8-20230523



Tgt Ion:152 Resp: 200437

Ion Ratio Lower Upper

152 100

115 58.2 37.0 110.9

150 157.3 0.0 342.2

