

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU053023\
 Data File : VU054307.D
 Acq On : 30 May 2023 12:36
 Operator : JC/MD
 Sample : 02912-04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BPOW1-7-20230523

Quant Time: May 31 06:24:39 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)

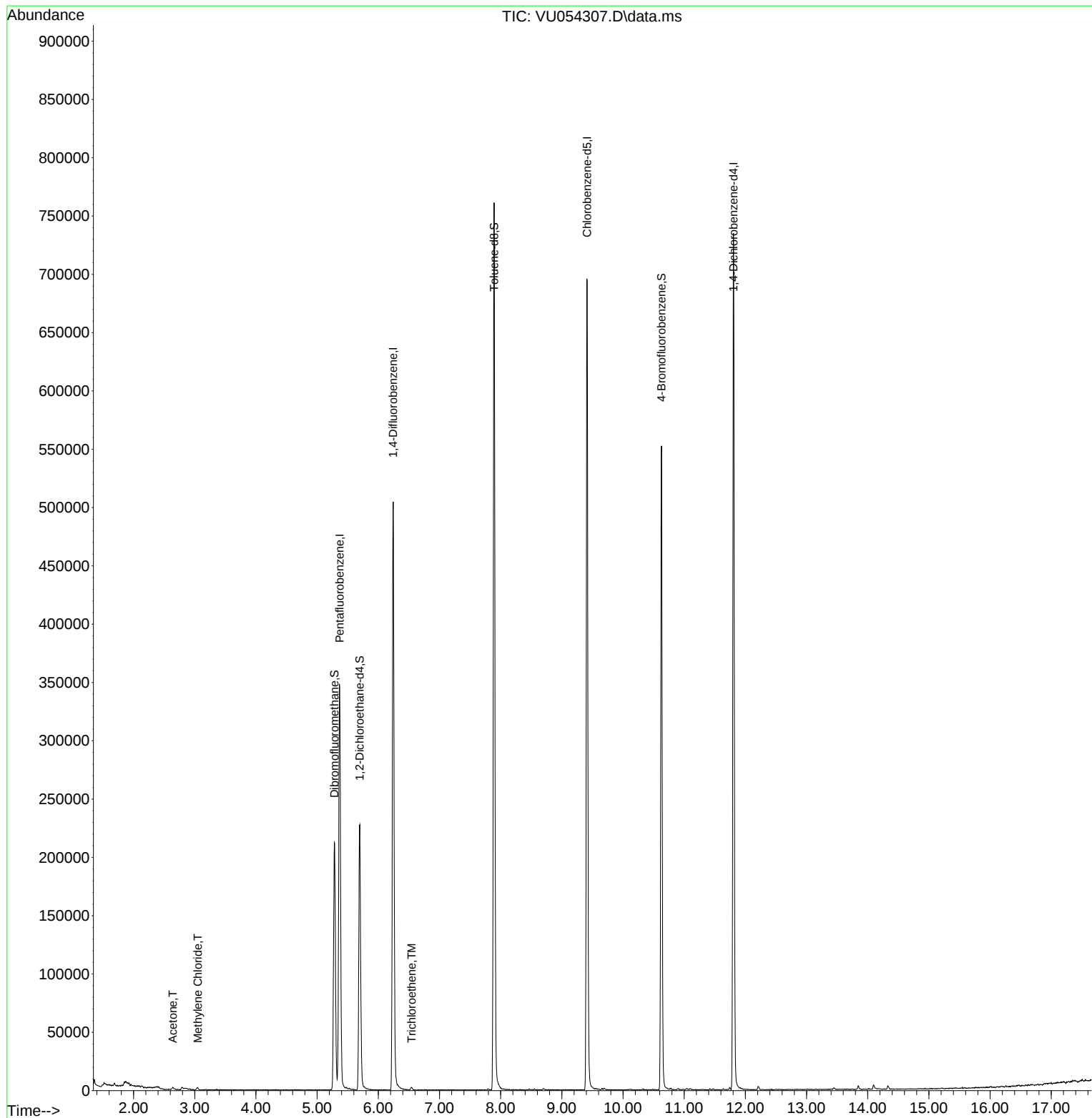
Internal Standards						
1) Pentafluorobenzene	5.369	168	254991	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.243	114	423148	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.414	117	397735	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.806	152	203037	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.697	65	172737	51.676	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.360%			
35) Dibromofluoromethane	5.282	113	138544	50.842	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.680%			
50) Toluene-d8	7.893	98	520213	50.190	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.380%			
62) 4-Bromofluorobenzene	10.629	95	185801	46.231	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 92.460%			
Target Compounds						
16) Acetone	2.642	43	2044	1.067	ug/l	98
20) Methylene Chloride	3.047	84	1112	0.322	ug/l #	90
44) Trichloroethene	6.546	130	892	0.261	ug/l	91

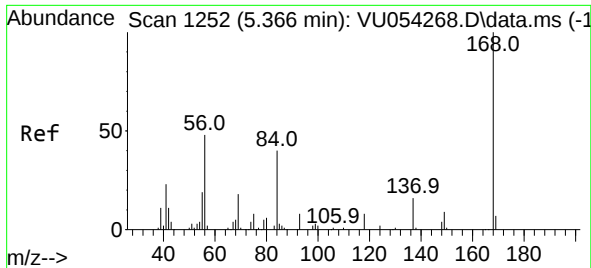
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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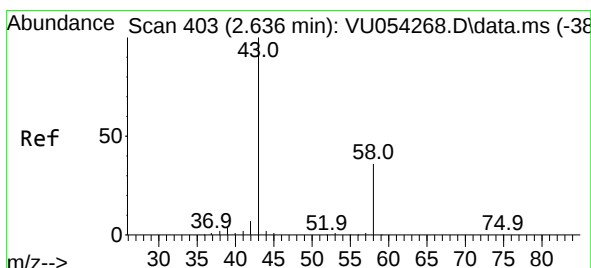
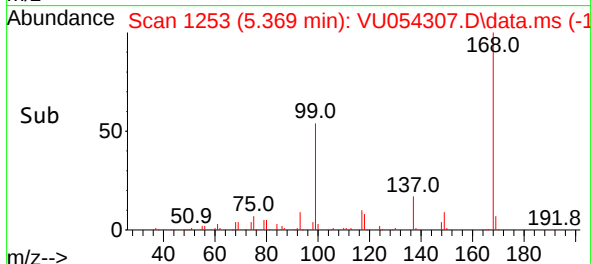
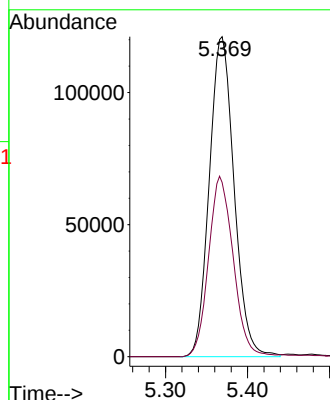
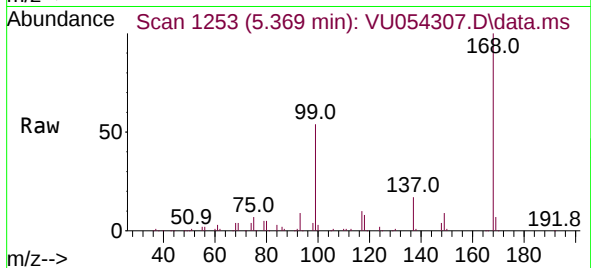




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.369 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU054307.D
Acq: 30 May 2023 12:36

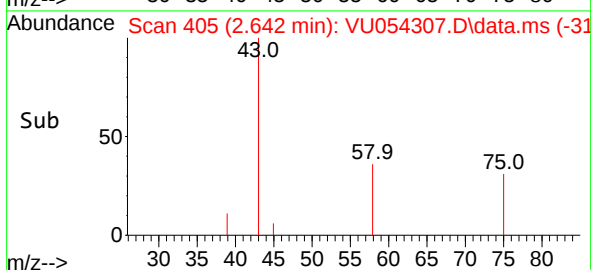
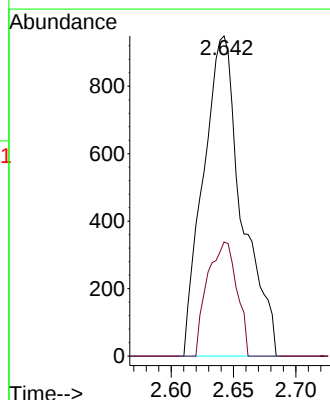
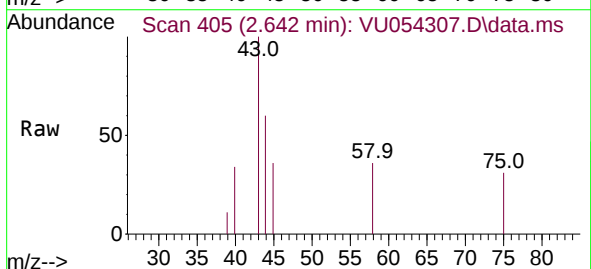
Instrument :
MSVOA_U
ClientSampleId :
BPOW1-7-20230523

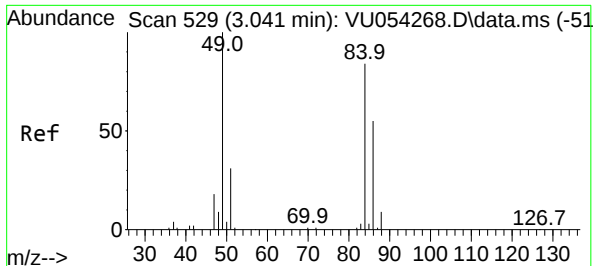
Tgt Ion:168 Resp: 254991
Ion Ratio Lower Upper
168 100
99 54.5 39.3 58.9



#16
Acetone
Concen: 1.067 ug/l
RT: 2.642 min Scan# 405
Delta R.T. 0.006 min
Lab File: VU054307.D
Acq: 30 May 2023 12:36

Tgt Ion: 43 Resp: 2044
Ion Ratio Lower Upper
43 100
58 35.6 27.5 41.3

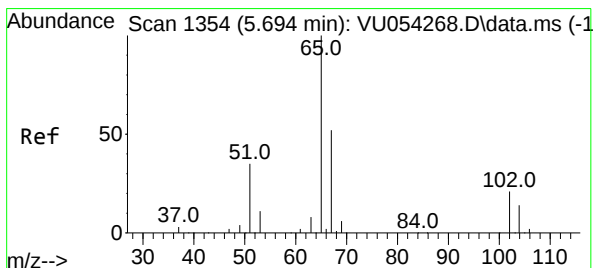
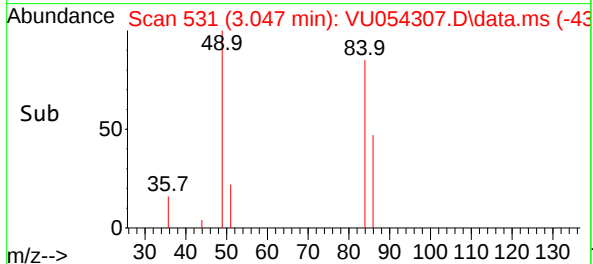
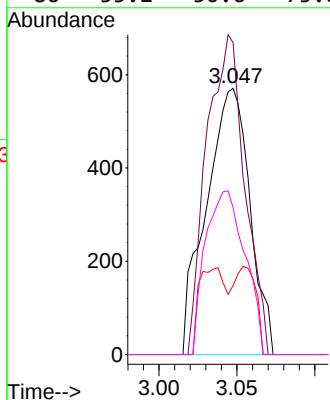
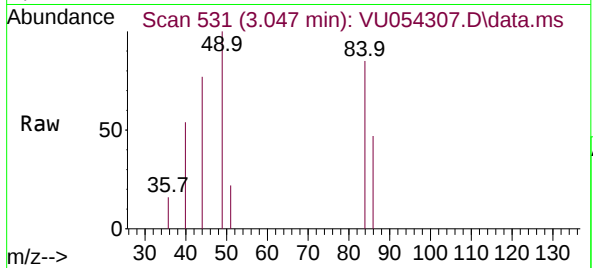




#20
Methylene Chloride
Concen: 0.322 ug/l
RT: 3.047 min Scan# 511
Delta R.T. 0.006 min
Lab File: VU054307.D
Acq: 30 May 2023 12:36

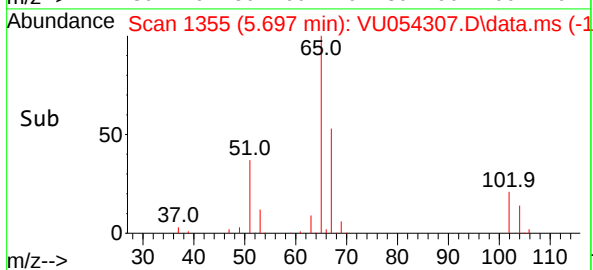
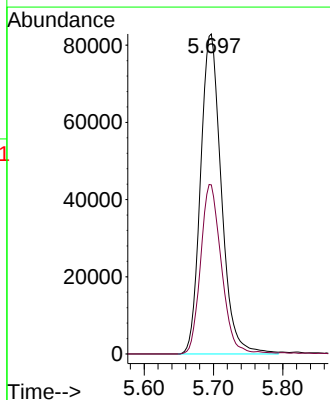
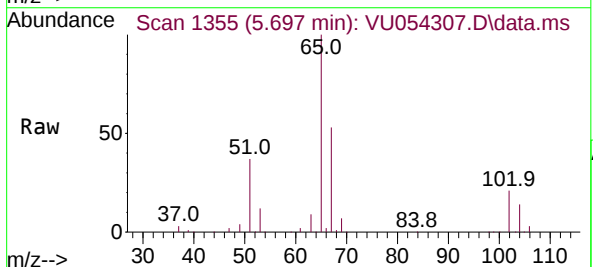
Instrument :
MSVOA_U
ClientSampleId :
BPOW1-7-20230523

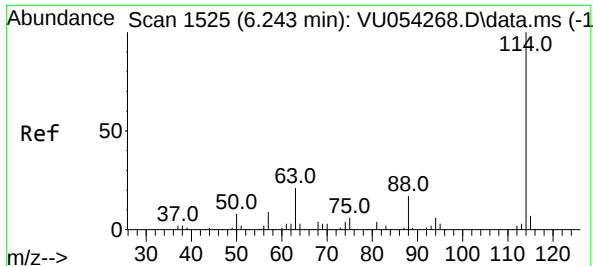
Tgt Ion:	84	Resp:	1112
Ion	Ratio	Lower	Upper
84	100		
49	117.2	86.6	129.8
51	25.9	26.6	40.0#
86	55.2	50.6	75.8



#33
1,2-Dichloroethane-d4
Concen: 51.676 ug/l
RT: 5.697 min Scan# 1355
Delta R.T. 0.003 min
Lab File: VU054307.D
Acq: 30 May 2023 12:36

Tgt Ion:	65	Resp:	172737
Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	108.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.243 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU054307.D

Acq: 30 May 2023 12:36

Instrument :

MSVOA_U

ClientSampleId :

BPOW1-7-20230523

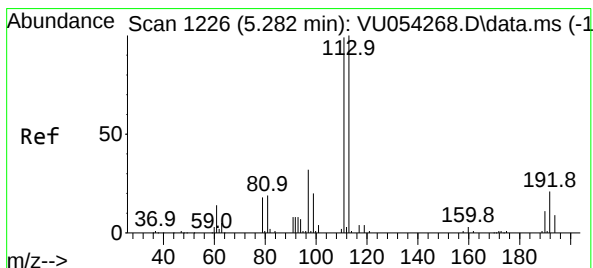
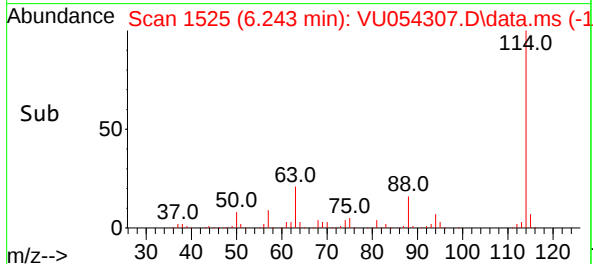
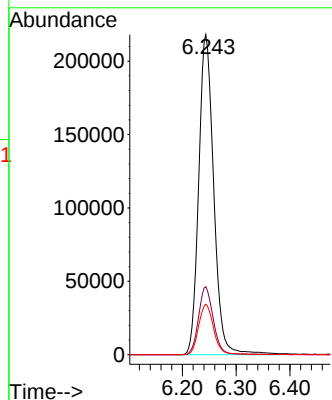
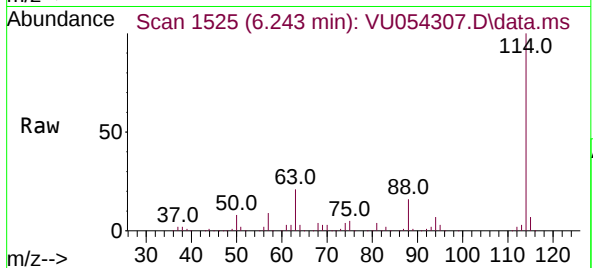
Tgt Ion:114 Resp: 423148

Ion Ratio Lower Upper

114 100

63 21.2 0.0 37.8

88 15.7 0.0 29.2



#35

Dibromofluoromethane

Concen: 50.842 ug/l

RT: 5.282 min Scan# 1226

Delta R.T. 0.000 min

Lab File: VU054307.D

Acq: 30 May 2023 12:36

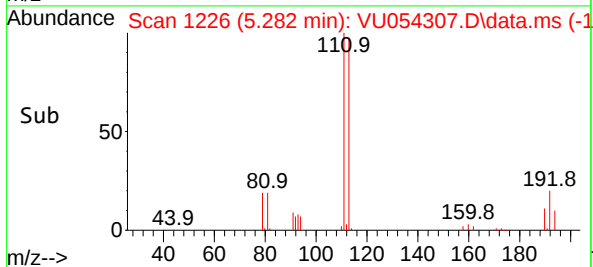
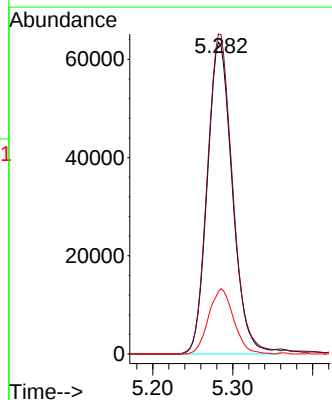
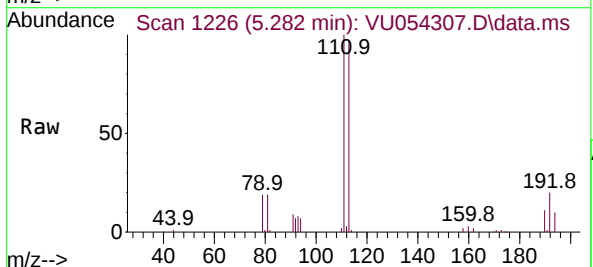
Tgt Ion:113 Resp: 138544

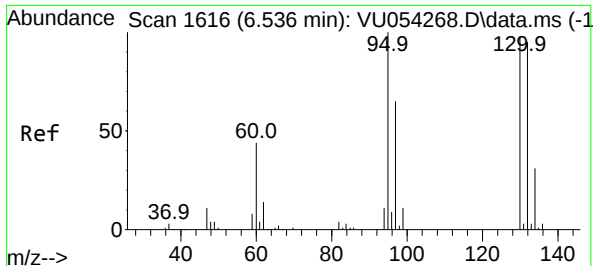
Ion Ratio Lower Upper

113 100

111 102.9 82.1 123.1

192 20.8 18.0 27.0

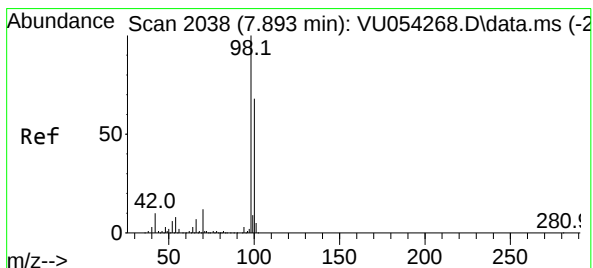
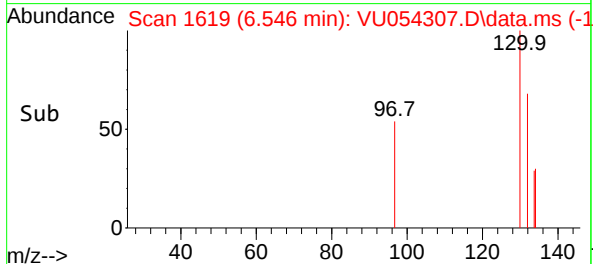
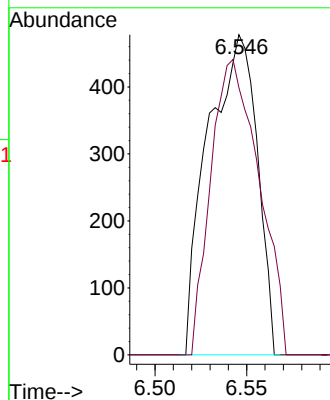
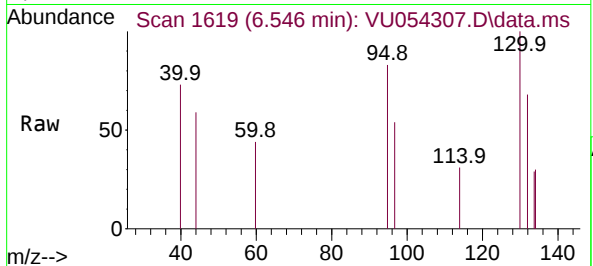




#44
Trichloroethene
Concen: 0.261 ug/l
RT: 6.546 min Scan# 1619
Delta R.T. 0.010 min
Lab File: VU054307.D
Acq: 30 May 2023 12:36

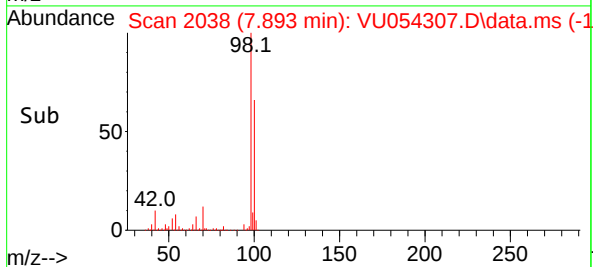
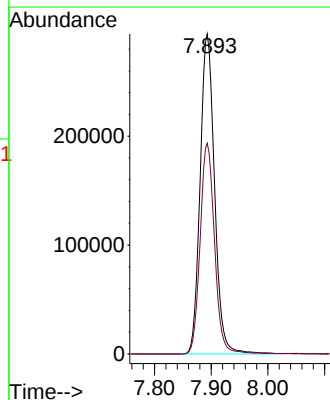
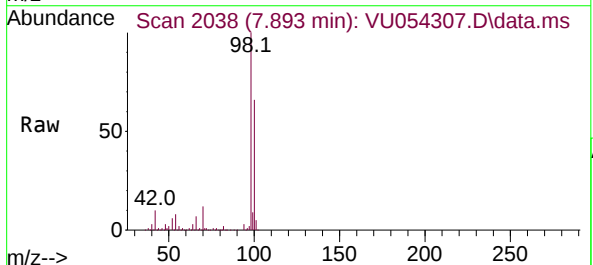
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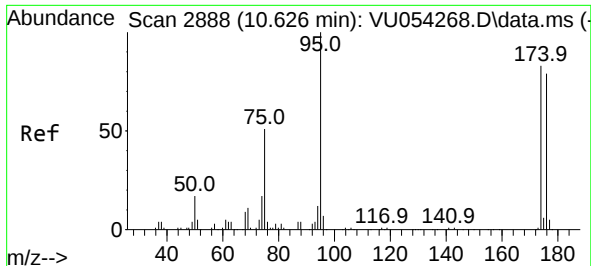
Tgt Ion:130 Resp: 892
Ion Ratio Lower Upper
130 100
95 83.5 0.0 184.6



#50
Toluene-d8
Concen: 50.190 ug/l
RT: 7.893 min Scan# 2038
Delta R.T. -0.000 min
Lab File: VU054307.D
Acq: 30 May 2023 12:36

Tgt Ion: 98 Resp: 520213
Ion Ratio Lower Upper
98 100
100 65.6 51.7 77.5

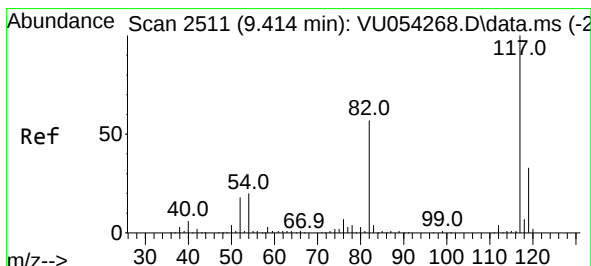
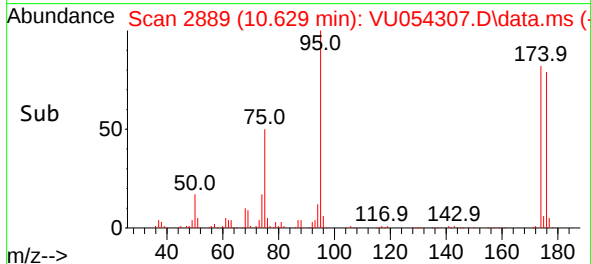
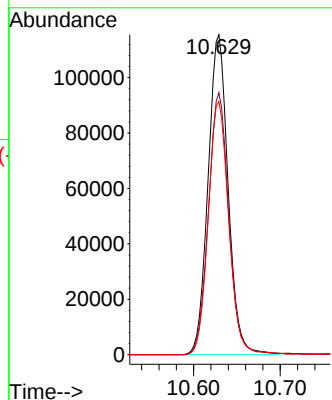
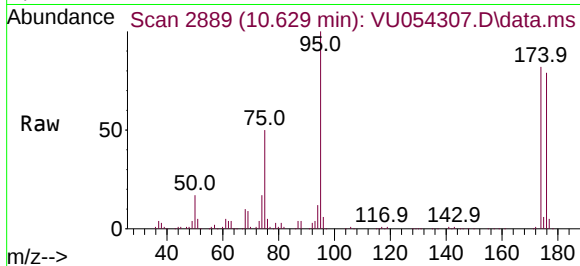




#62
4-Bromofluorobenzene
Concen: 46.231 ug/l
RT: 10.629 min Scan# 2889
Delta R.T. 0.003 min
Lab File: VU054307.D
Acq: 30 May 2023 12:36

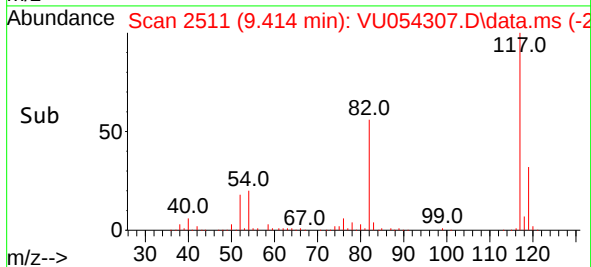
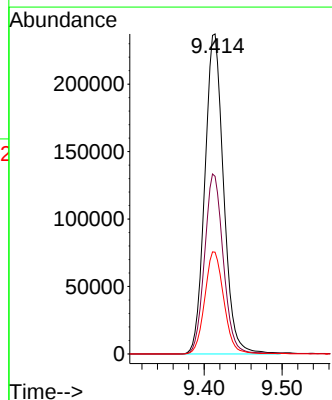
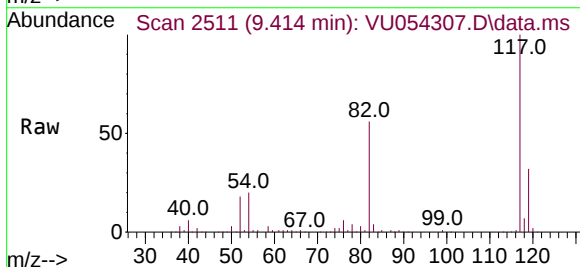
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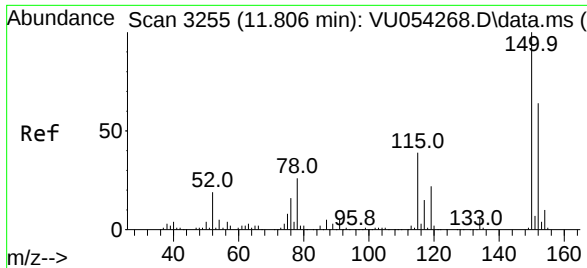
Tgt Ion: 95 Resp: 185801
Ion Ratio Lower Upper
95 100
174 83.5 0.0 182.0
176 80.7 0.0 177.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.414 min Scan# 2511
Delta R.T. -0.000 min
Lab File: VU054307.D
Acq: 30 May 2023 12:36

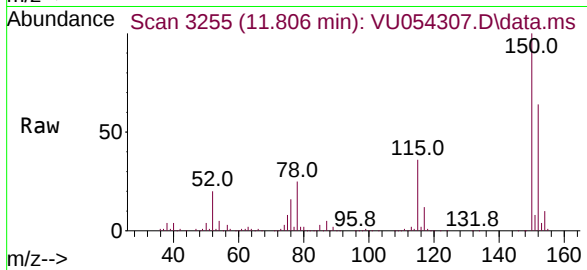
Tgt Ion: 117 Resp: 397735
Ion Ratio Lower Upper
117 100
82 55.5 41.7 62.5
119 31.8 25.7 38.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.806 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU054307.D
 Acq: 30 May 2023 12:36

Instrument :
 MSVOA_U
 ClientSampleId :
 BPOW1-7-20230523



Tgt Ion:152 Resp: 203037
 Ion Ratio Lower Upper
 152 100
 115 56.6 37.0 110.9
 150 156.7 0.0 342.2

