

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU053023\
 Data File : VU054306.D
 Acq On : 30 May 2023 12:12
 Operator : JC/MD
 Sample : 02912-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GM38-RW3-MW1-20230523

Quant Time: May 31 06:24:17 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)

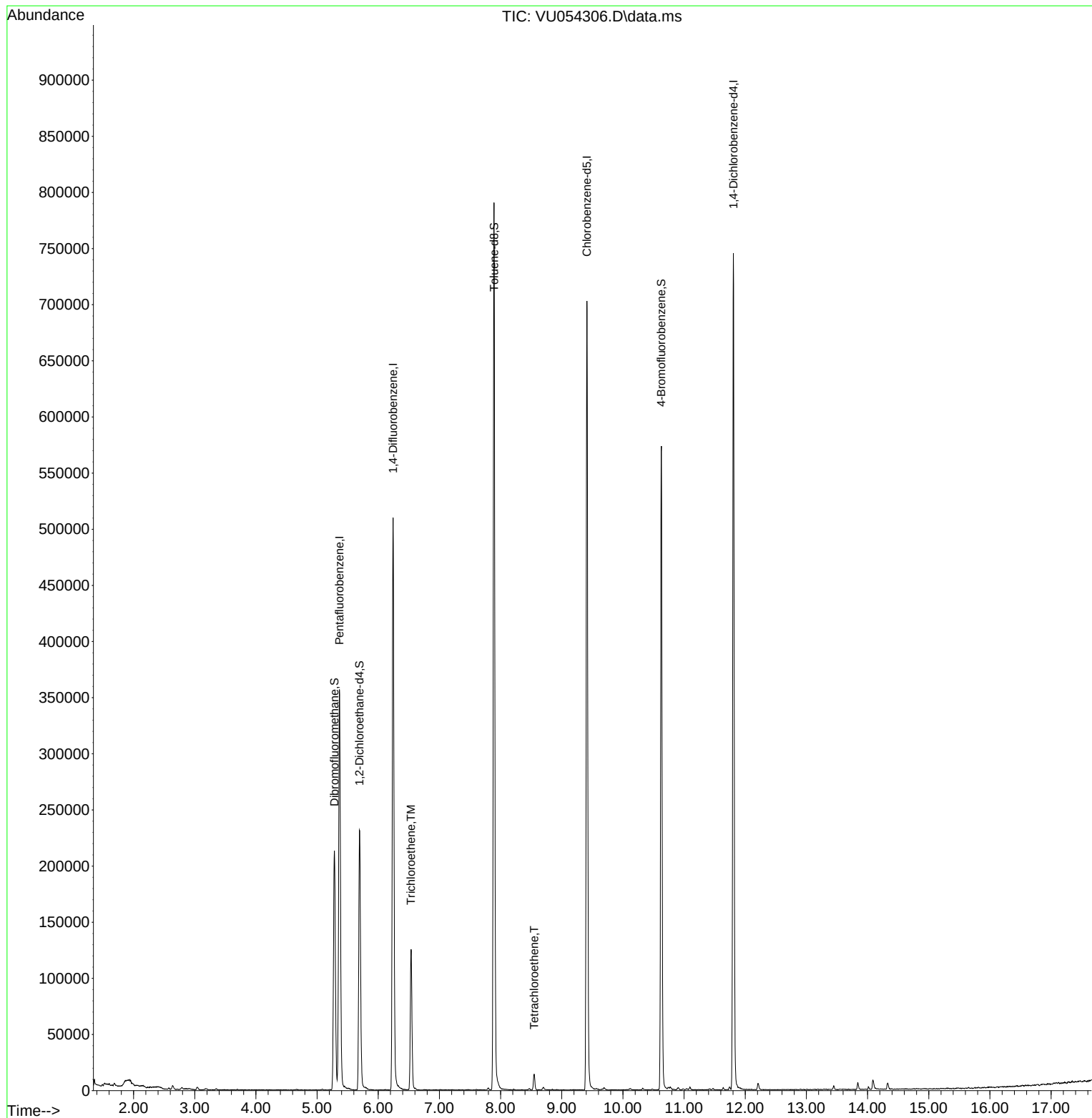
Internal Standards						
1) Pentafluorobenzene	5.366	168	255495	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.243	114	423236	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.410	117	409650	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.806	152	206447	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.694	65	173880	51.916	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 103.840%	
35) Dibromofluoromethane	5.282	113	143895	52.795	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.580%	
50) Toluene-d8	7.893	98	529473	51.072	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 102.140%	
62) 4-Bromofluorobenzene	10.626	95	193051	48.025	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 96.060%	
Target Compounds						
					Qvalue	
44) Trichloroethene	6.536	130	43816	12.837	ug/l	90
64) Tetrachloroethene	8.549	164	3448	1.118	ug/l	96

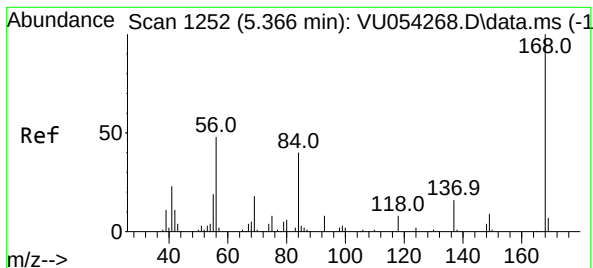
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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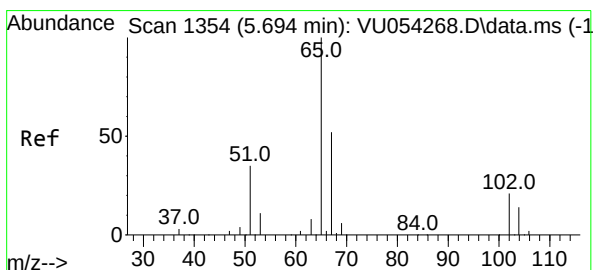
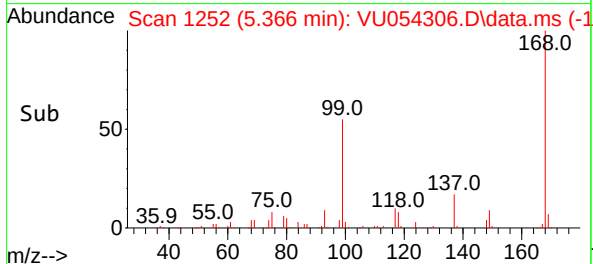
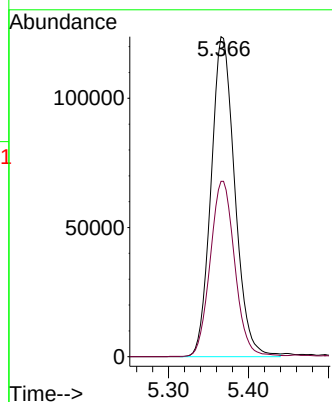
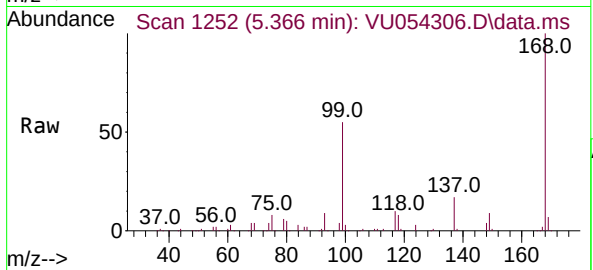




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.366 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU054306.D
Acq: 30 May 2023 12:12

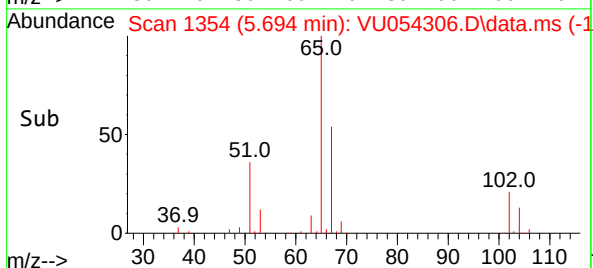
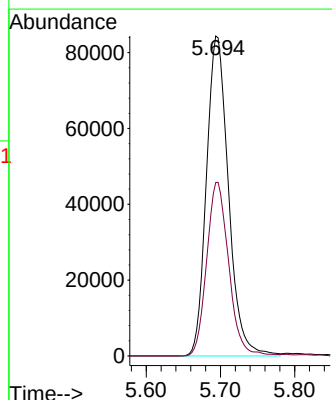
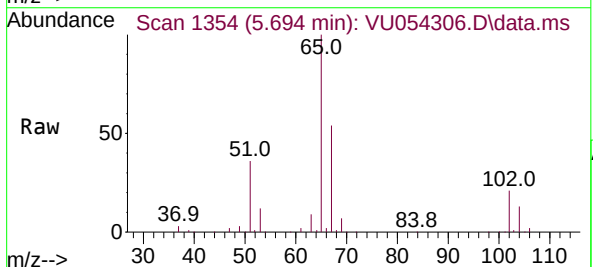
Instrument :
MSVOA_U
ClientSampleId :
GM38-RW3-MW1-20230523

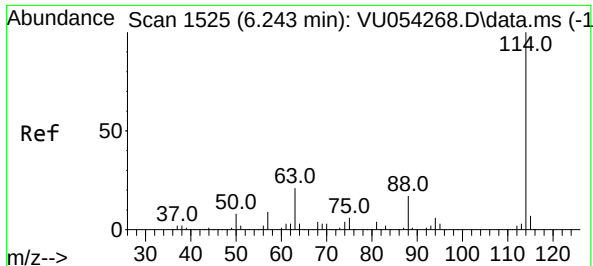
Tgt Ion:168 Resp: 255495
Ion Ratio Lower Upper
168 100
99 54.7 39.3 58.9



#33
1,2-Dichloroethane-d4
Concen: 51.916 ug/l
RT: 5.694 min Scan# 1354
Delta R.T. -0.000 min
Lab File: VU054306.D
Acq: 30 May 2023 12:12

Tgt Ion: 65 Resp: 173880
Ion Ratio Lower Upper
65 100
67 54.3 0.0 108.0

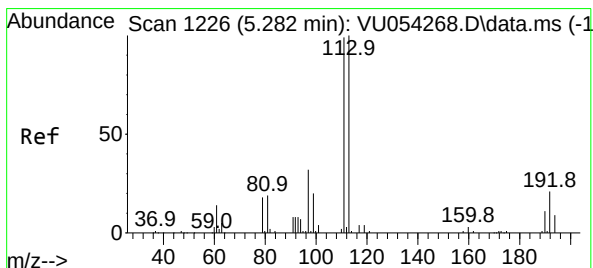
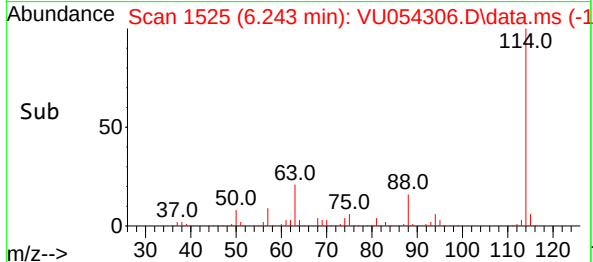
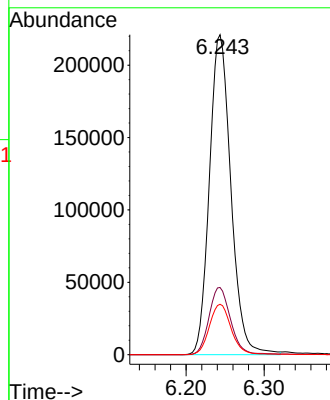
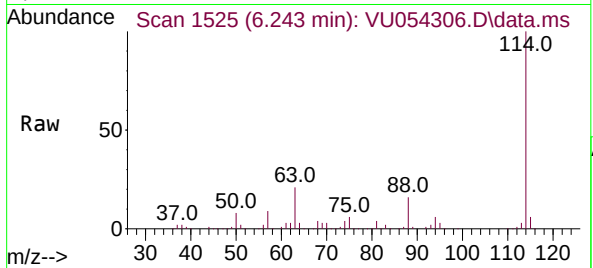




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.243 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU054306.D
Acq: 30 May 2023 12:12

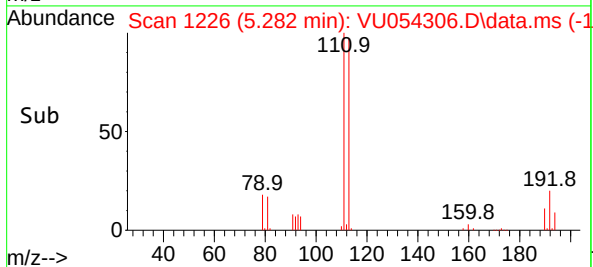
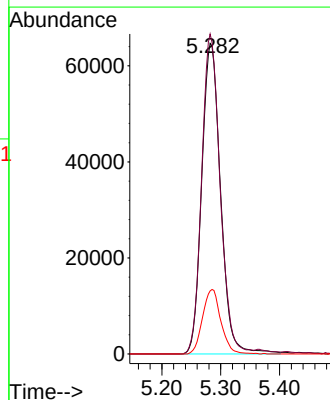
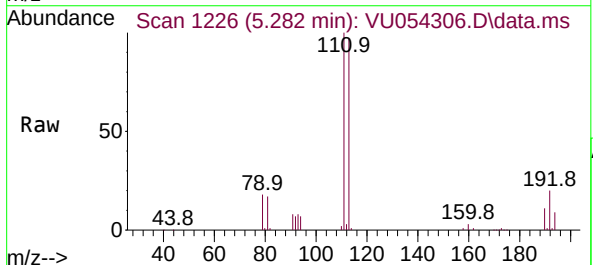
Instrument :
MSVOA_U
ClientSampleId :
GM38-RW3-MW1-20230523

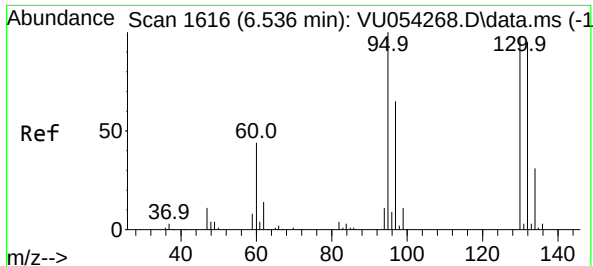
Tgt Ion:114 Resp: 423236
Ion Ratio Lower Upper
114 100
63 21.0 0.0 37.8
88 15.8 0.0 29.2



#35
Dibromofluoromethane
Concen: 52.795 ug/l
RT: 5.282 min Scan# 1226
Delta R.T. 0.000 min
Lab File: VU054306.D
Acq: 30 May 2023 12:12

Tgt Ion:113 Resp: 143895
Ion Ratio Lower Upper
113 100
111 100.9 82.1 123.1
192 20.2 18.0 27.0

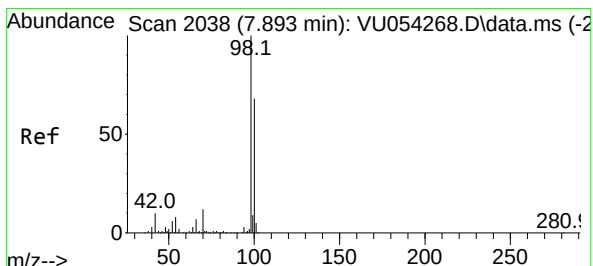
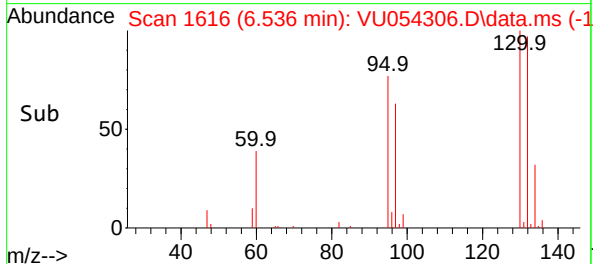
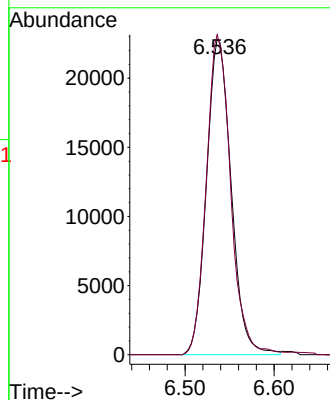
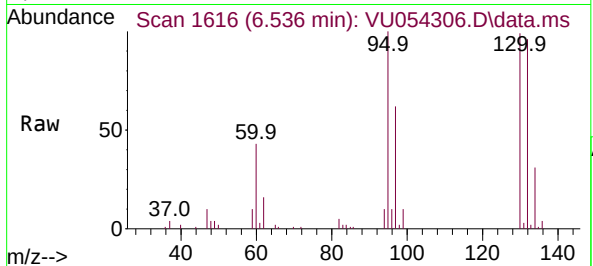




#44
Trichloroethene
Concen: 12.837 ug/l
RT: 6.536 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU054306.D
Acq: 30 May 2023 12:12

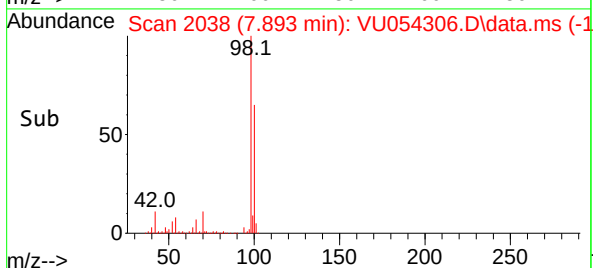
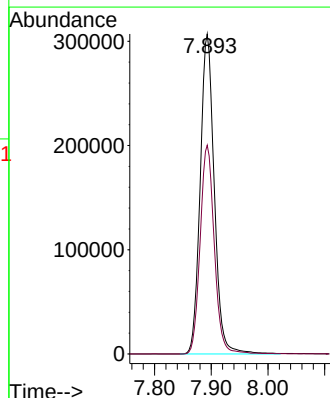
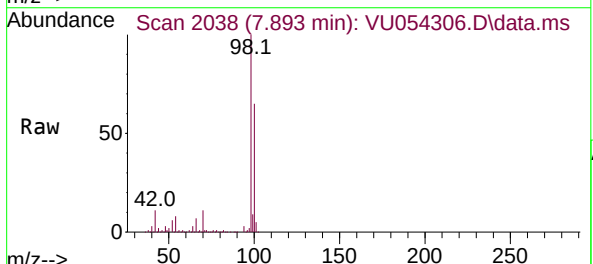
Instrument :
MSVOA_U
ClientSampleId :
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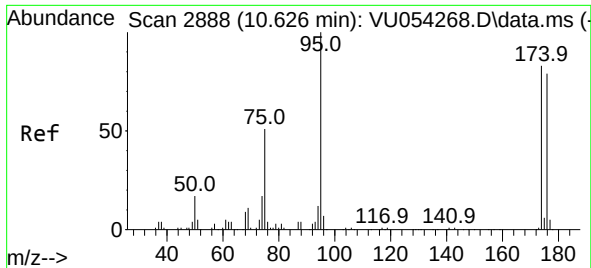
Tgt Ion:130 Resp: 43816
Ion Ratio Lower Upper
130 100
95 101.4 0.0 184.6



#50
Toluene-d8
Concen: 51.072 ug/l
RT: 7.893 min Scan# 2038
Delta R.T. -0.000 min
Lab File: VU054306.D
Acq: 30 May 2023 12:12

Tgt Ion: 98 Resp: 529473
Ion Ratio Lower Upper
98 100
100 65.6 51.7 77.5

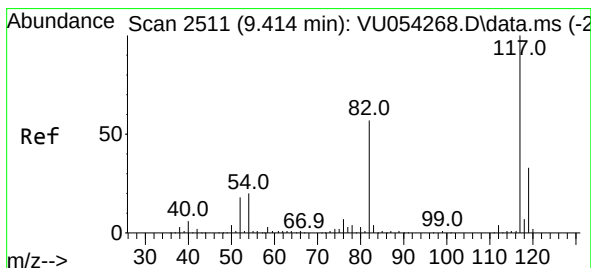
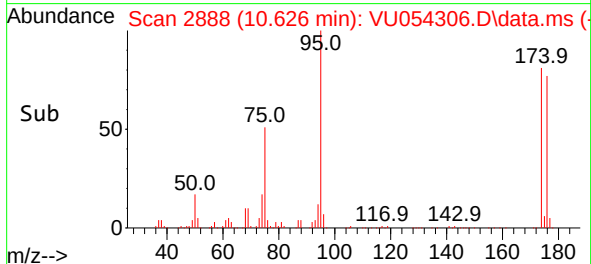
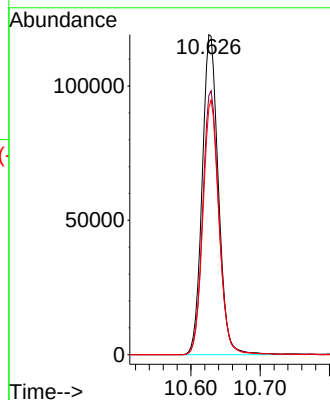
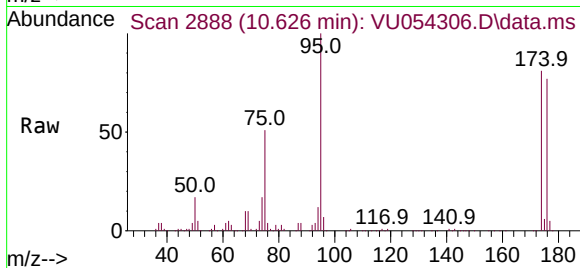




#62
4-Bromofluorobenzene
Concen: 48.025 ug/l
RT: 10.626 min Scan# 2110
Delta R.T. -0.000 min
Lab File: VU054306.D
Acq: 30 May 2023 12:12

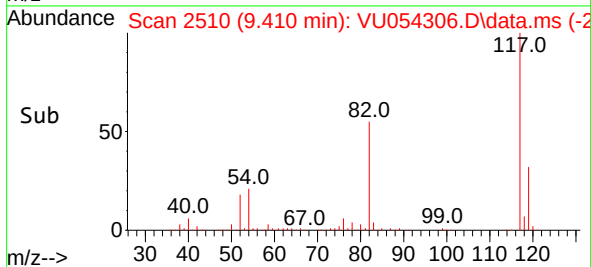
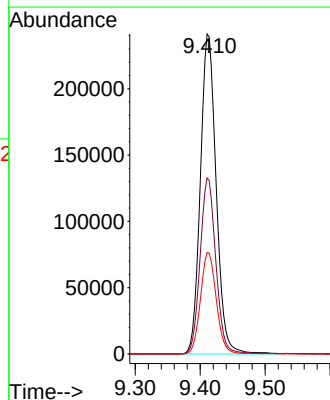
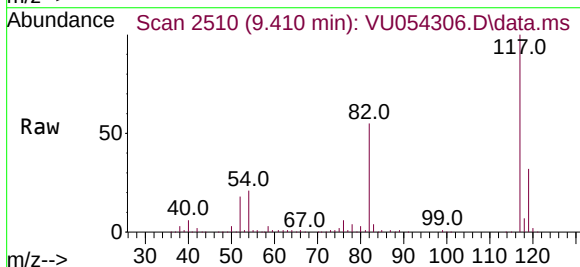
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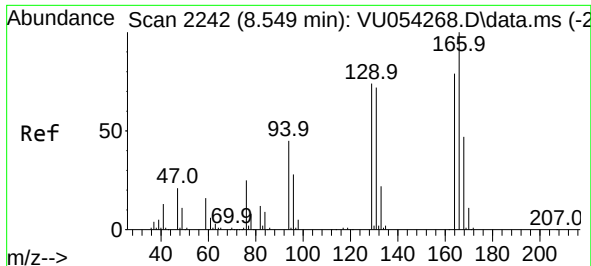
Tgt Ion: 95 Resp: 193051
Ion Ratio Lower Upper
95 100
174 82.7 0.0 182.0
176 79.0 0.0 177.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.410 min Scan# 2510
Delta R.T. -0.004 min
Lab File: VU054306.D
Acq: 30 May 2023 12:12

Tgt Ion: 117 Resp: 409650
Ion Ratio Lower Upper
117 100
82 55.0 41.7 62.5
119 31.6 25.7 38.5

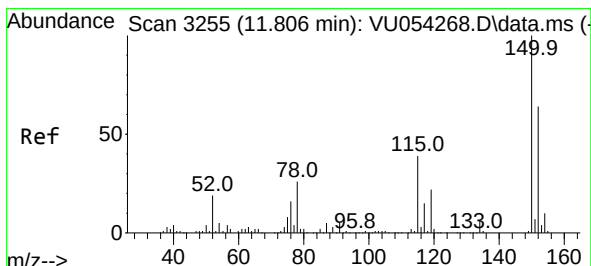
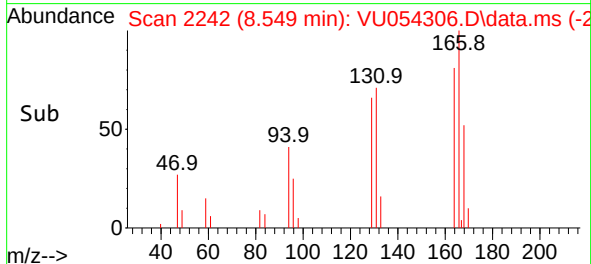
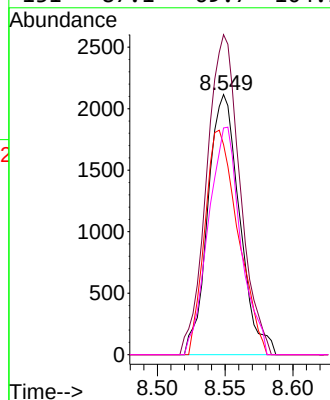
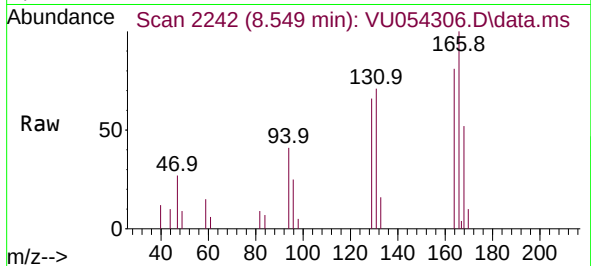




#64
Tetrachloroethene
Concen: 1.118 ug/l
RT: 8.549 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU054306.D
Acq: 30 May 2023 12:12

Instrument :
MSVOA_U
ClientSampleId :
GM38-RW3-MW1-20230523

Tgt Ion:164	Resp:	3448	
Ion	Ratio	Lower	Upper
164	100		
166	123.0	100.0	150.0
129	80.8	72.0	108.0
131	87.1	69.7	104.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.806 min Scan# 3255
Delta R.T. -0.000 min
Lab File: VU054306.D
Acq: 30 May 2023 12:12

Tgt Ion:152	Resp:	206447	
Ion	Ratio	Lower	Upper
152	100		
115	58.0	37.0	110.9
150	156.4	0.0	342.2

