

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU053023\
 Data File : VU054322.D
 Acq On : 30 May 2023 18:31
 Operator : JC/MD
 Sample : 02936-07
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 22BR-20230524

Quant Time: May 31 06:30:18 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)

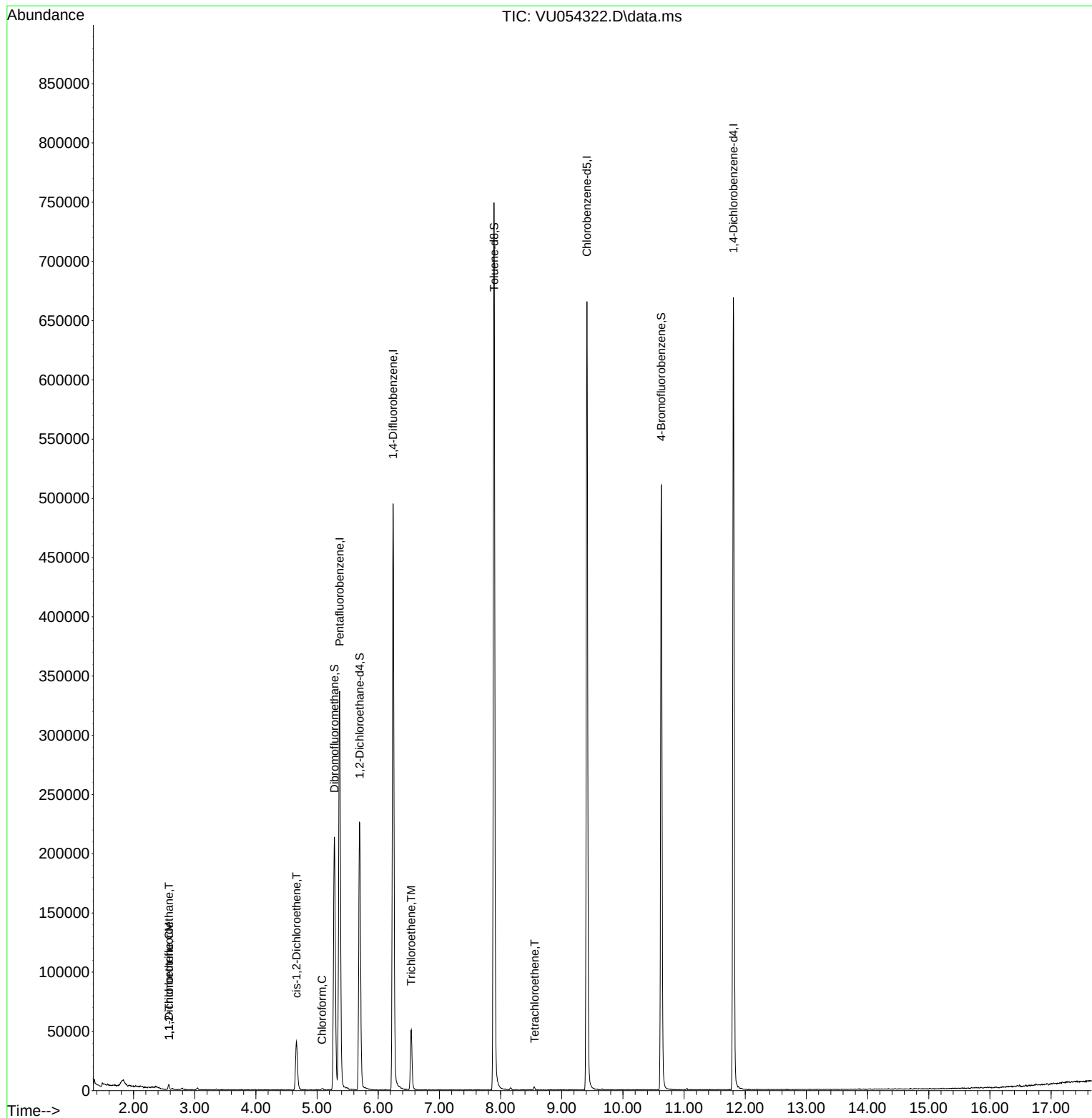
Internal Standards						
1) Pentafluorobenzene	5.369	168	245844	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.243	114	405555	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.411	117	385603	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.806	152	185070	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.697	65	172241	53.445	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.900%			
35) Dibromofluoromethane	5.282	113	139101	53.261	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.520%			
50) Toluene-d8	7.893	98	507102	51.047	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.100%			
62) 4-Bromofluorobenzene	10.629	95	174489	45.300	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 90.600%			
Target Compounds						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.581	101	1265	0.495	ug/l	90
12) 1,1-Dichloroethene	2.578	96	535	0.202	ug/l #	77
27) cis-1,2-Dichloroethene	4.665	96	22254	7.066	ug/l	93
30) Chloroform	5.083	83	1306	0.247	ug/l	92
44) Trichloroethene	6.539	130	17960	5.491	ug/l	97
64) Tetrachloroethene	8.558	164	711	0.245	ug/l #	67

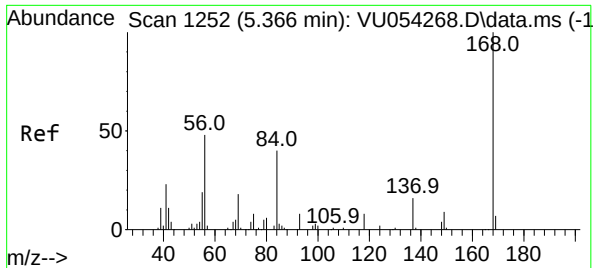
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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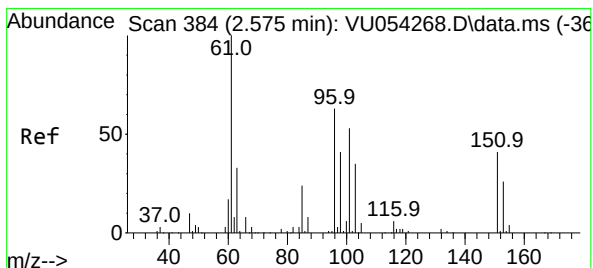
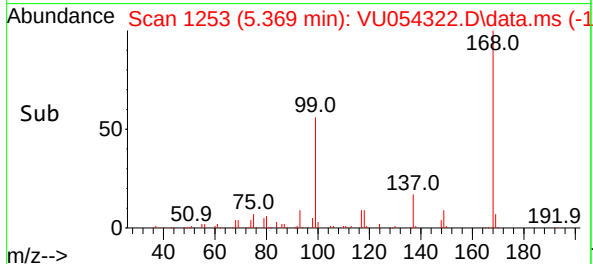
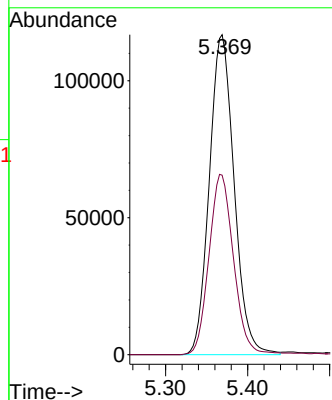
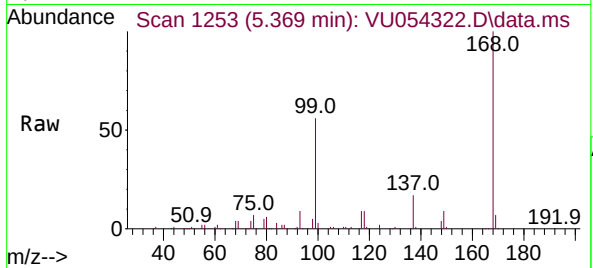




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.369 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU054322.D
Acq: 30 May 2023 18:31

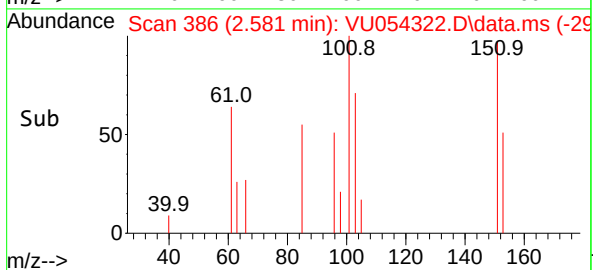
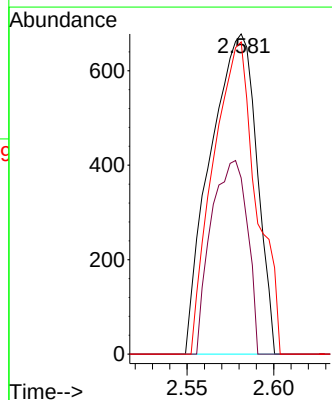
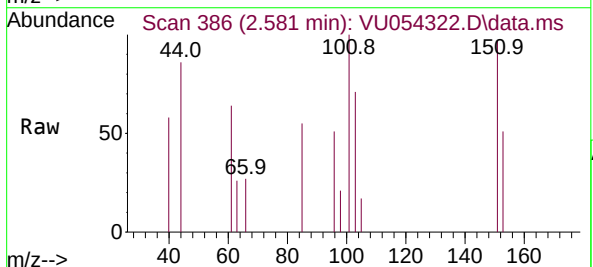
Instrument :
MSVOA_U
ClientSampleId :
22BR-20230524

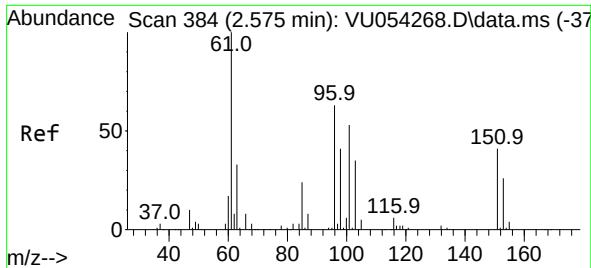
Tgt Ion:168 Resp: 245844
Ion Ratio Lower Upper
168 100
99 56.1 39.3 58.9



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.495 ug/l
RT: 2.581 min Scan# 386
Delta R.T. 0.006 min
Lab File: VU054322.D
Acq: 30 May 2023 18:31

Tgt Ion:101 Resp: 1265
Ion Ratio Lower Upper
101 100
85 46.9 33.9 50.9
151 90.2 64.0 96.0

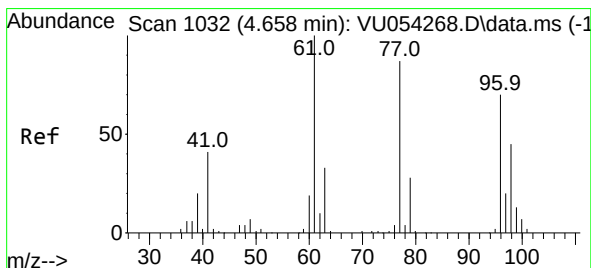
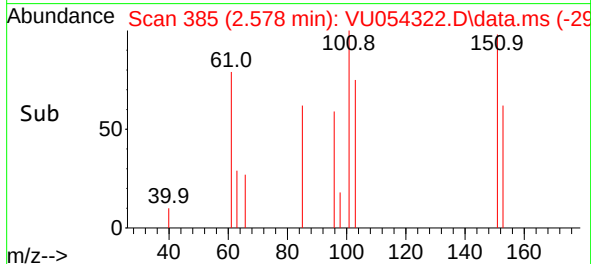
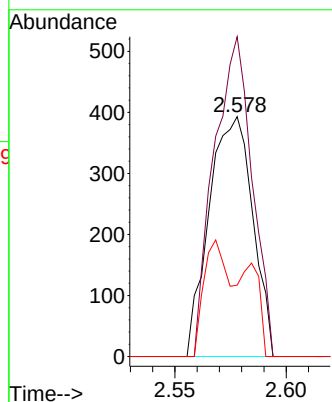
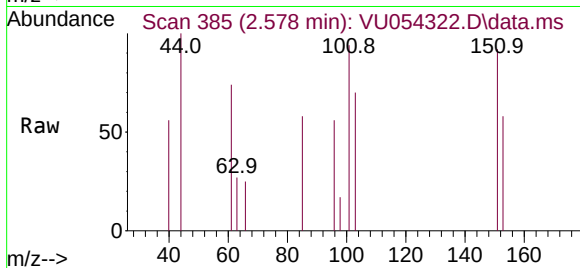




#12
1,1-Dichloroethene
Concen: 0.202 ug/l
RT: 2.578 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU054322.D
Acq: 30 May 2023 18:31

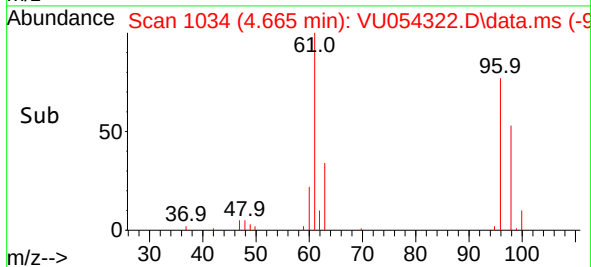
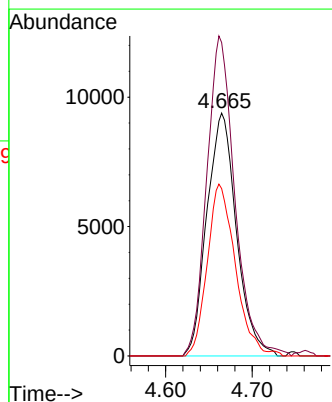
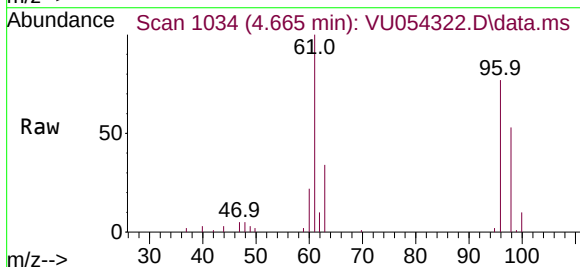
Instrument :
MSVOA_U
ClientSampleId :
22BR-20230524

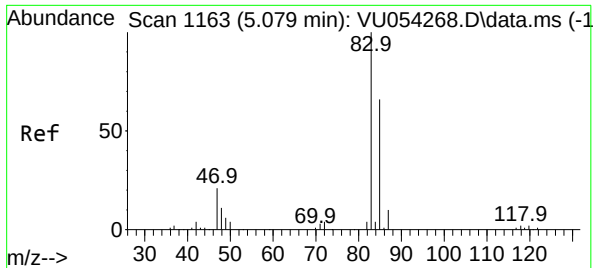
Tgt Ion: 96 Resp: 535
Ion Ratio Lower Upper
96 100
61 133.3 122.2 183.2
98 29.8 50.7 76.1#



#27
cis-1,2-Dichloroethene
Concen: 7.066 ug/l
RT: 4.665 min Scan# 1034
Delta R.T. 0.007 min
Lab File: VU054322.D
Acq: 30 May 2023 18:31

Tgt Ion: 96 Resp: 22254
Ion Ratio Lower Upper
96 100
61 125.2 0.0 271.6
98 66.9 0.0 128.2





#30

Chloroform

Concen: 0.247 ug/l

RT: 5.083 min Scan# 1163

Delta R.T. 0.004 min

Lab File: VU054322.D

Acq: 30 May 2023 18:31

Instrument :

MSVOA_U

ClientSampleId :

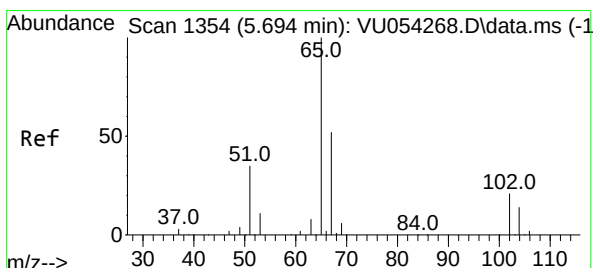
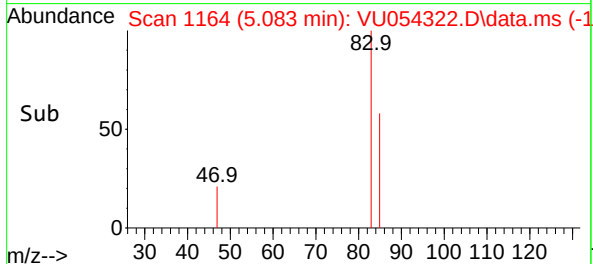
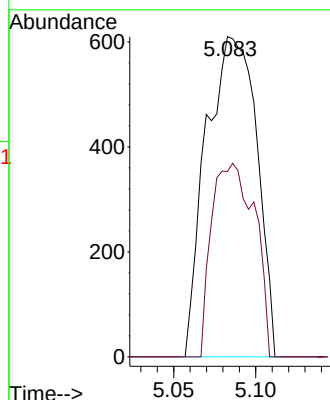
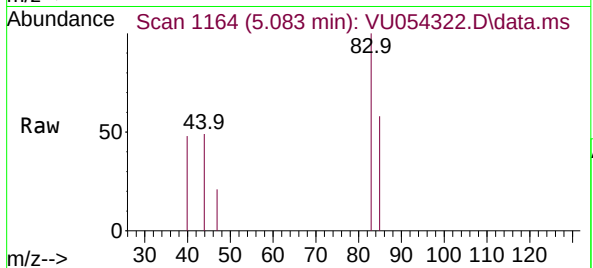
22BR-20230524

Tgt Ion: 83 Resp: 1306

Ion Ratio Lower Upper

83 100

85 57.9 51.2 76.8



#33

1,2-Dichloroethane-d4

Concen: 53.445 ug/l

RT: 5.697 min Scan# 1355

Delta R.T. 0.003 min

Lab File: VU054322.D

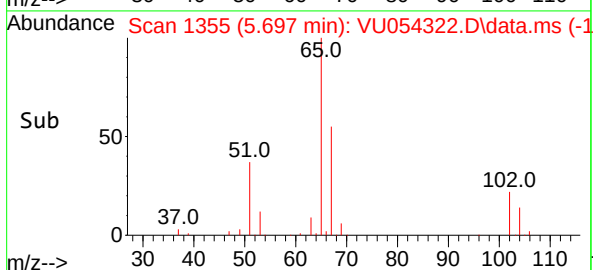
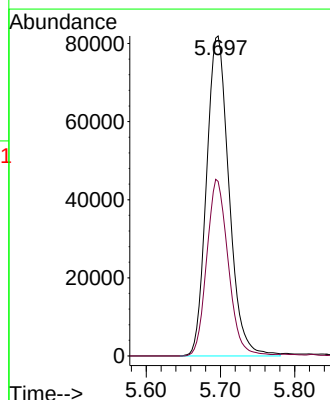
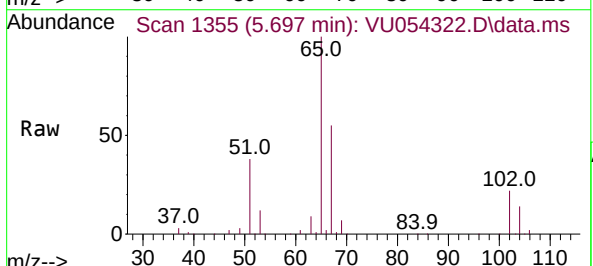
Acq: 30 May 2023 18:31

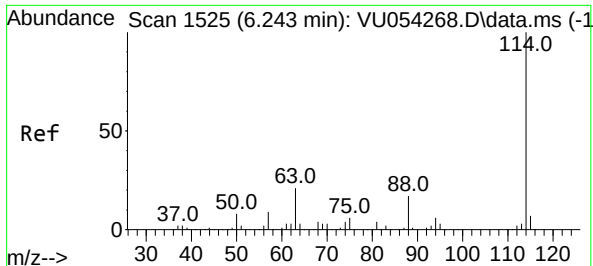
Tgt Ion: 65 Resp: 172241

Ion Ratio Lower Upper

65 100

67 52.7 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: VU054322.D

Acq: 30 May 2023 18:31

Instrument :

MSVOA_U

ClientSampleId :

22BR-20230524

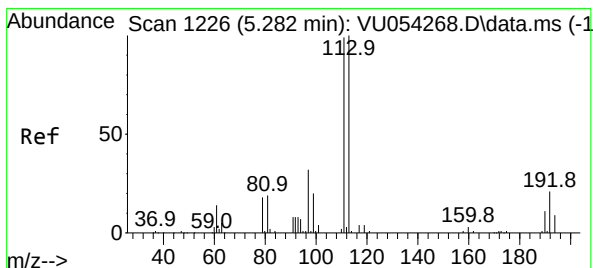
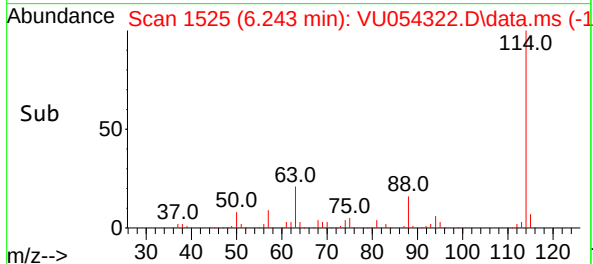
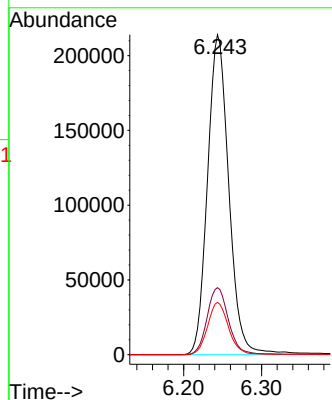
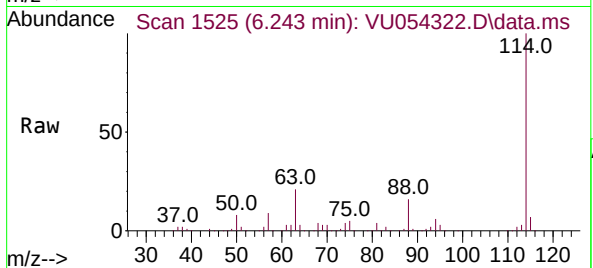
Tgt Ion:114 Resp: 405555

Ion Ratio Lower Upper

114 100

63 20.9 0.0 37.8

88 16.3 0.0 29.2



#35

Dibromofluoromethane

Concen: 53.261 ug/l

RT: 5.282 min Scan# 1226

Delta R.T. 0.000 min

Lab File: VU054322.D

Acq: 30 May 2023 18:31

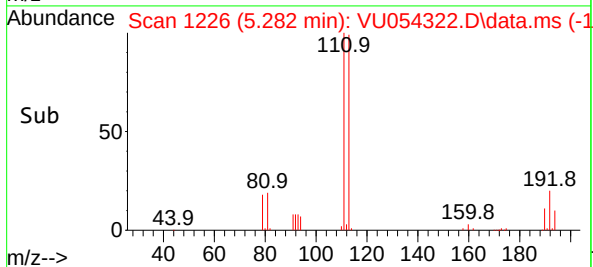
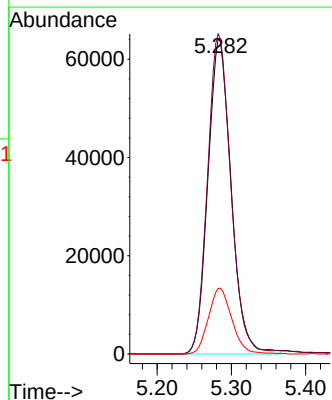
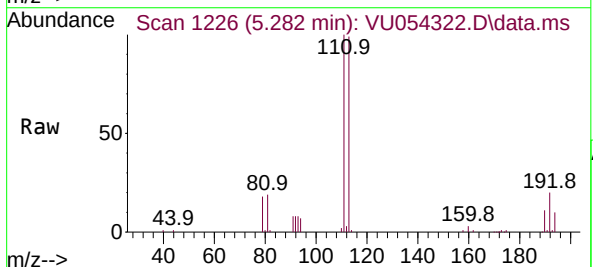
Tgt Ion:113 Resp: 139101

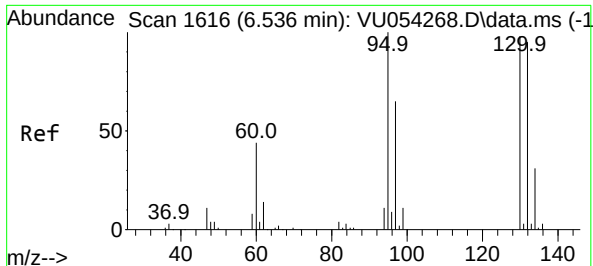
Ion Ratio Lower Upper

113 100

111 102.0 82.1 123.1

192 21.1 18.0 27.0

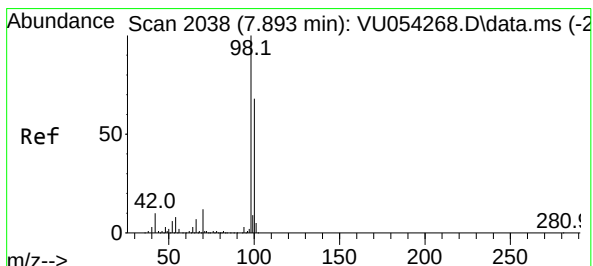
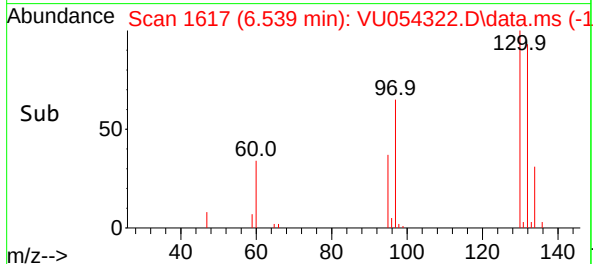
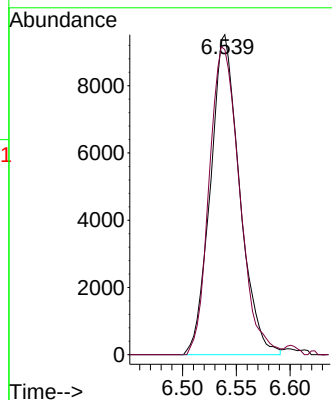
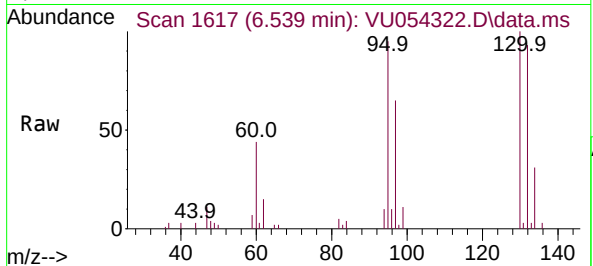




#44
Trichloroethene
Concen: 5.491 ug/l
RT: 6.539 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU054322.D
Acq: 30 May 2023 18:31

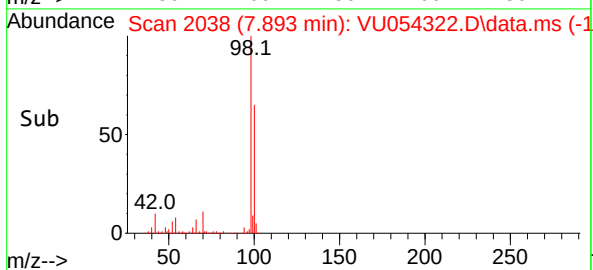
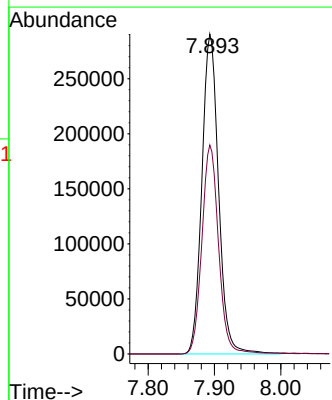
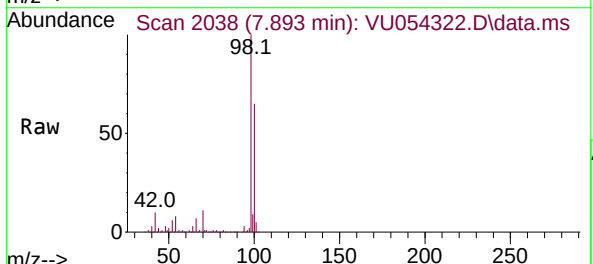
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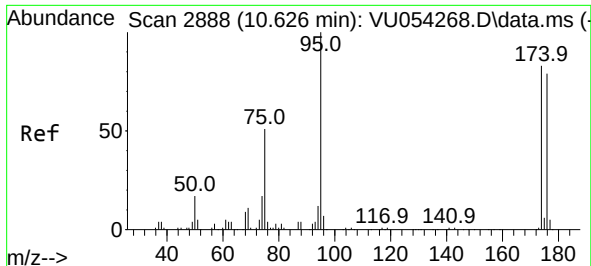
Tgt Ion:130 Resp: 17960
Ion Ratio Lower Upper
130 100
95 95.4 0.0 184.6



#50
Toluene-d8
Concen: 51.047 ug/l
RT: 7.893 min Scan# 2038
Delta R.T. -0.000 min
Lab File: VU054322.D
Acq: 30 May 2023 18:31

Tgt Ion: 98 Resp: 507102
Ion Ratio Lower Upper
98 100
100 65.5 51.7 77.5

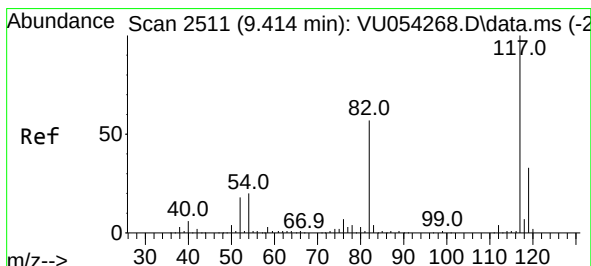
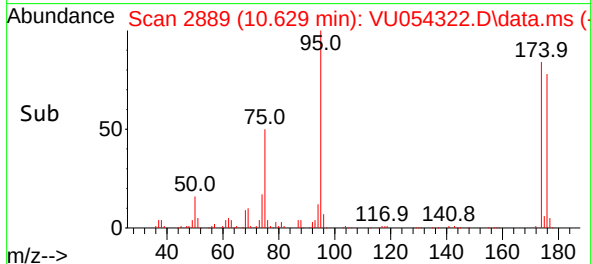
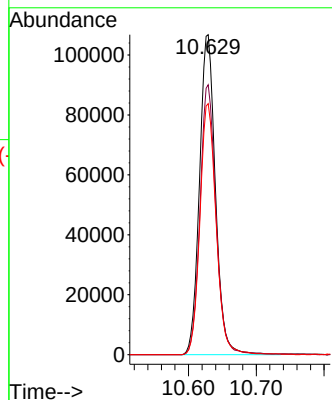
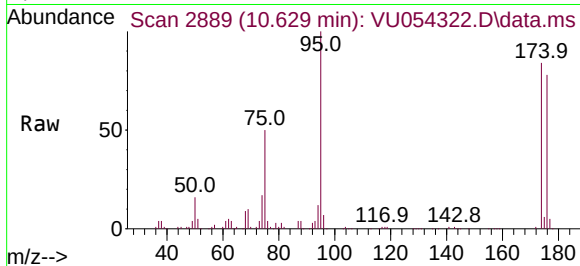




#62
4-Bromofluorobenzene
Concen: 45.300 ug/l
RT: 10.629 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU054322.D
Acq: 30 May 2023 18:31

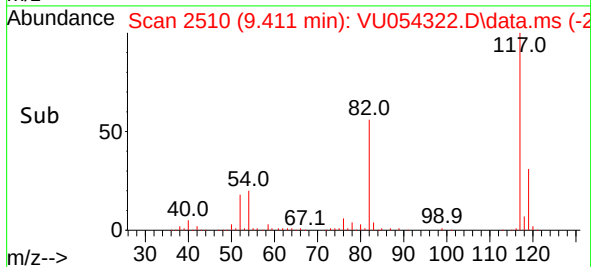
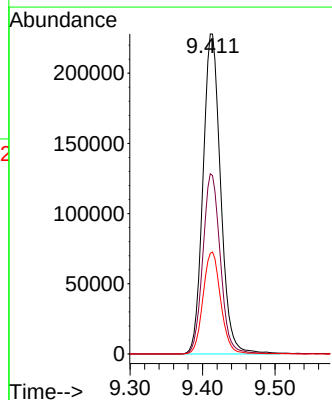
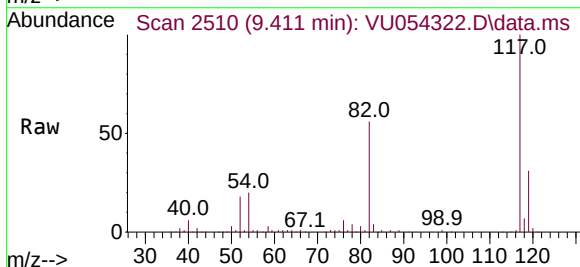
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ClientSampleId :
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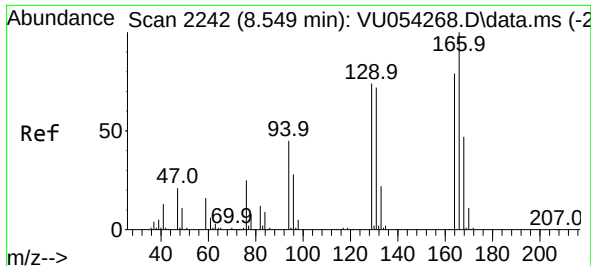
Tgt Ion: 95 Resp: 174489
Ion Ratio Lower Upper
95 100
174 84.3 0.0 182.0
176 79.7 0.0 177.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.411 min Scan# 2510
Delta R.T. -0.003 min
Lab File: VU054322.D
Acq: 30 May 2023 18:31

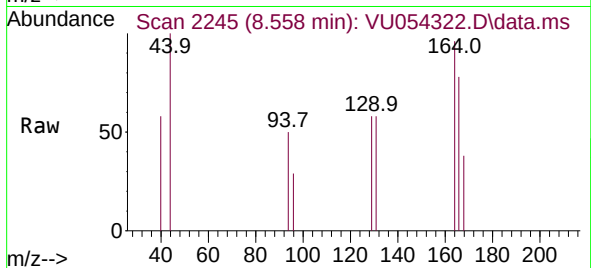
Tgt Ion: 117 Resp: 385603
Ion Ratio Lower Upper
117 100
82 56.3 41.7 62.5
119 31.4 25.7 38.5



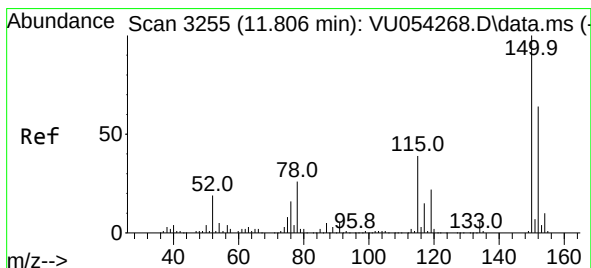
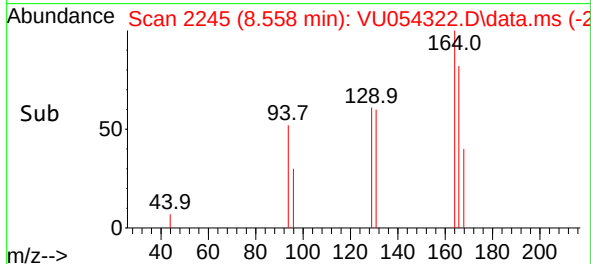
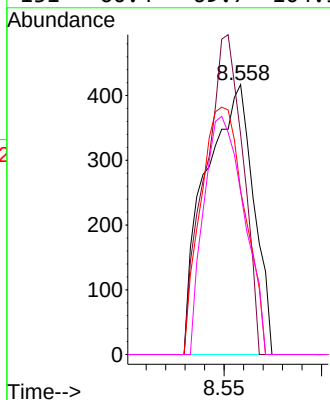


#64
Tetrachloroethene
Concen: 0.245 ug/l
RT: 8.558 min Scan# 211
Delta R.T. 0.009 min
Lab File: VU054322.D
Acq: 30 May 2023 18:31

Instrument :
MSVOA_U
ClientSampleId :
22BR-20230524



Tgt Ion:164 Resp: 711
Ion Ratio Lower Upper
164 100
166 81.5 100.0 150.0#
129 60.7 72.0 108.0#
131 60.4 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: VU054322.D
Acq: 30 May 2023 18:31

Tgt Ion:152 Resp: 185070
Ion Ratio Lower Upper
152 100
115 57.5 37.0 110.9
150 156.5 0.0 342.2

