

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU053023\
 Data File : VU054321.D
 Acq On : 30 May 2023 18:08
 Operator : JC/MD
 Sample : 02936-06
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 54BR-20230524

Quant Time: May 31 06:29:57 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)

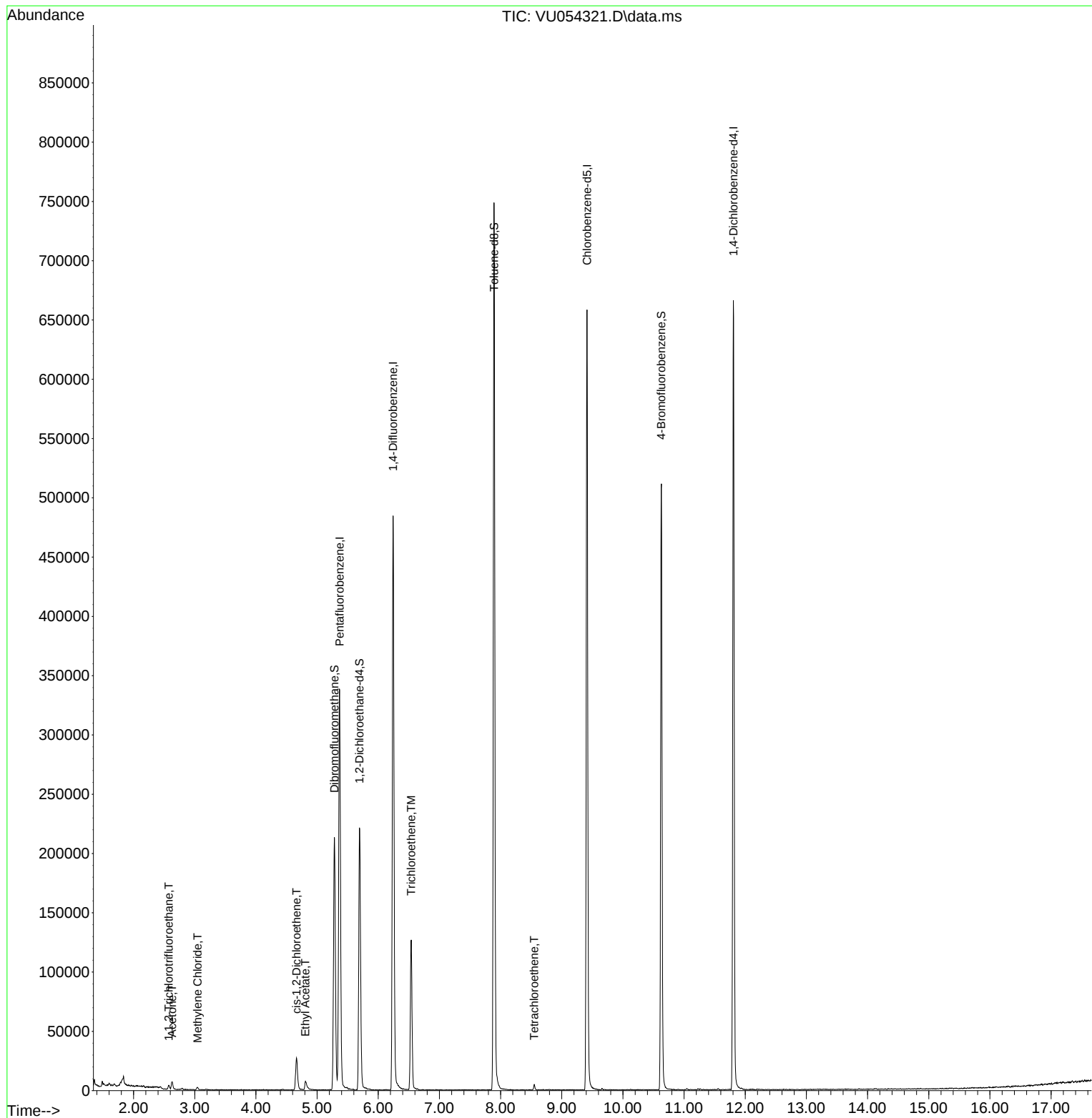
Internal Standards						
1) Pentafluorobenzene	5.369	168	244972	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.243	114	405584	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.414	117	379852	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.806	152	185250	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.693	65	166392	51.814	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 103.620%	
35) Dibromofluoromethane	5.282	113	139186	53.290	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.580%	
50) Toluene-d8	7.893	98	506390	50.972	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 101.940%	
62) 4-Bromofluorobenzene	10.629	95	170670	44.305	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 88.620%	
Target Compounds						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.575	101	1489	0.585	ug/l	94
16) Acetone	2.629	43	7880	4.281	ug/l	99
20) Methylene Chloride	3.044	84	978	0.295	ug/l #	82
27) cis-1,2-Dichloroethene	4.665	96	14632	4.662	ug/l	96
37) Ethyl Acetate	4.809	43	9673	1.935	ug/l #	88
44) Trichloroethene	6.539	130	44747	13.680	ug/l	89
64) Tetrachloroethene	8.549	164	1111	0.389	ug/l #	79

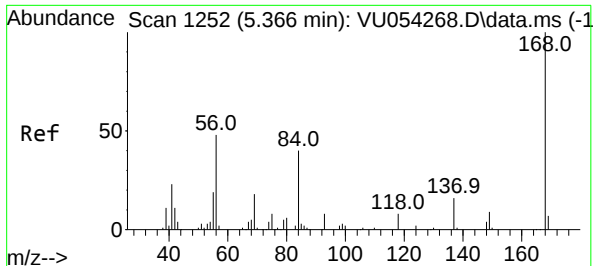
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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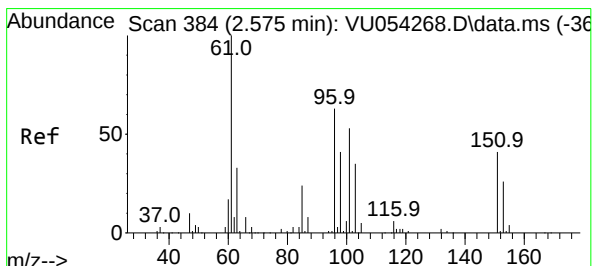
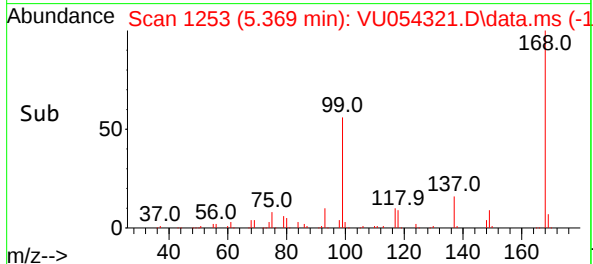
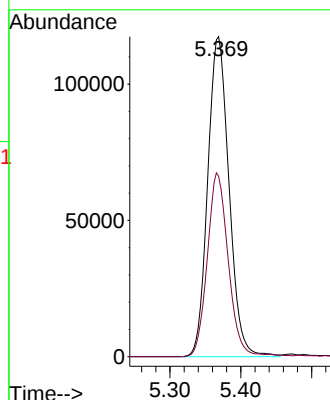
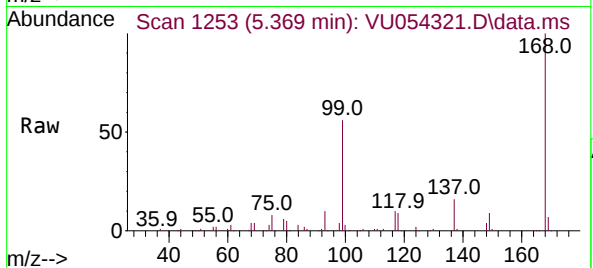




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.369 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU054321.D
Acq: 30 May 2023 18:08

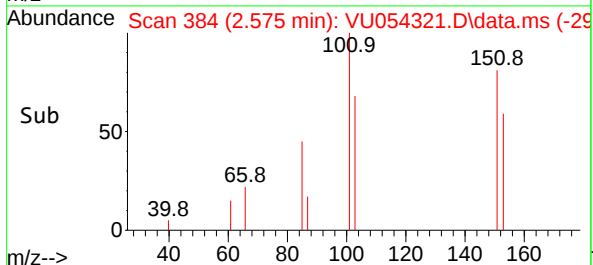
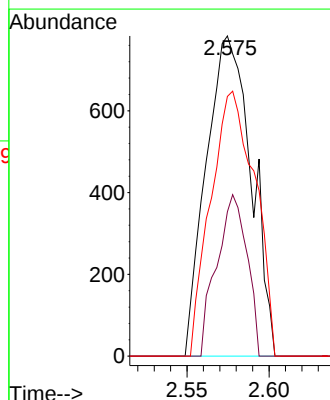
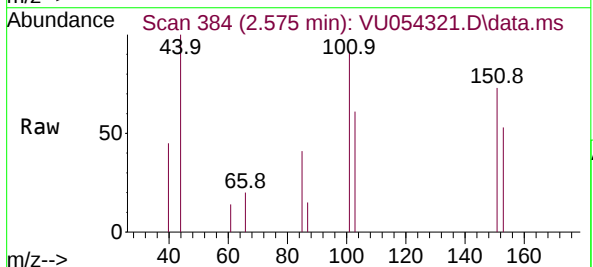
Instrument :
MSVOA_U
ClientSampleId :
54BR-20230524

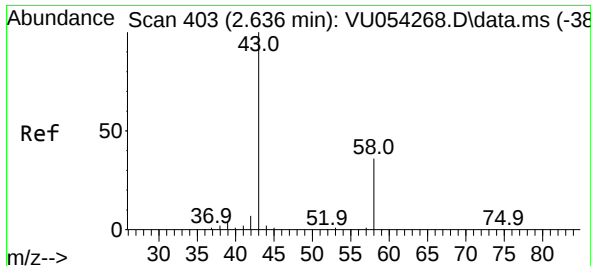
Tgt Ion:168 Resp: 244972
Ion Ratio Lower Upper
168 100
99 56.4 39.3 58.9



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.585 ug/l
RT: 2.575 min Scan# 384
Delta R.T. -0.000 min
Lab File: VU054321.D
Acq: 30 May 2023 18:08

Tgt Ion:101 Resp: 1489
Ion Ratio Lower Upper
101 100
85 34.0 33.9 50.9
151 81.7 64.0 96.0





#16

Acetone

Concen: 4.281 ug/l

RT: 2.629 min Scan# 40

Delta R.T. -0.007 min

Lab File: VU054321.D

Acq: 30 May 2023 18:08

Instrument :

MSVOA_U

ClientSampleId :

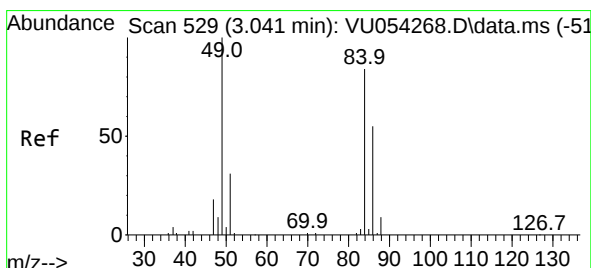
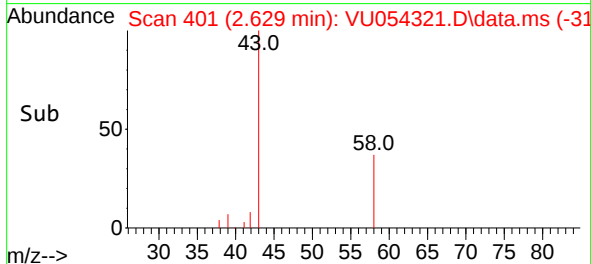
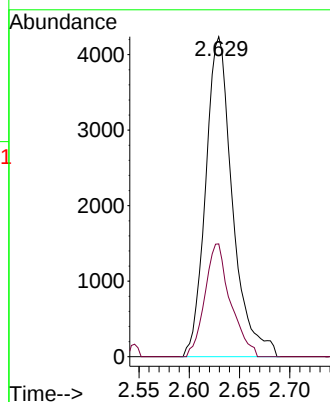
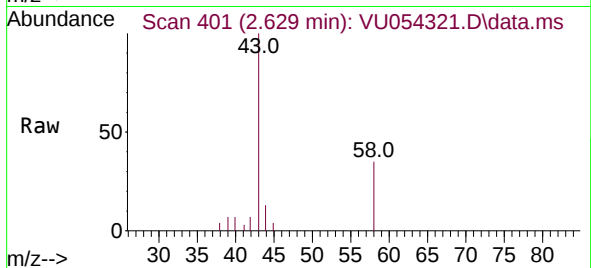
54BR-20230524

Tgt Ion: 43 Resp: 7880

Ion Ratio Lower Upper

43 100

58 35.2 27.5 41.3



#20

Methylene Chloride

Concen: 0.295 ug/l

RT: 3.044 min Scan# 530

Delta R.T. 0.003 min

Lab File: VU054321.D

Acq: 30 May 2023 18:08

Tgt Ion: 84 Resp: 978

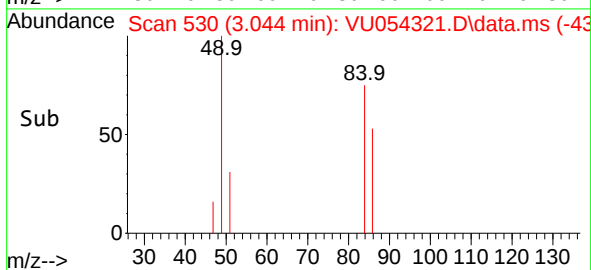
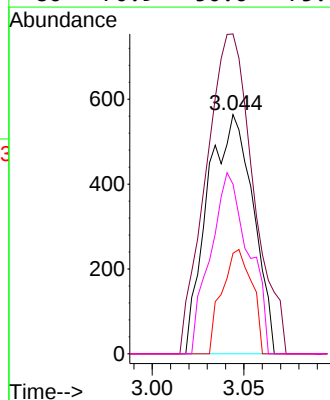
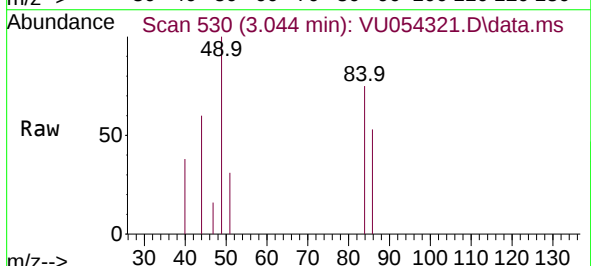
Ion Ratio Lower Upper

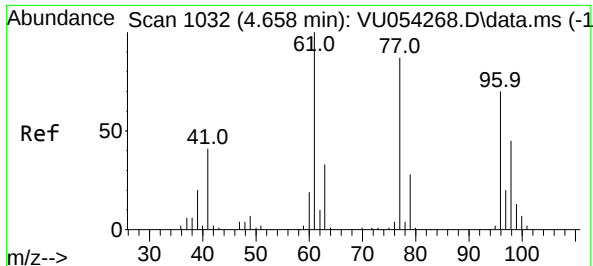
84 100

49 133.7 86.6 129.8#

51 42.0 26.6 40.0#

86 70.9 50.6 75.8

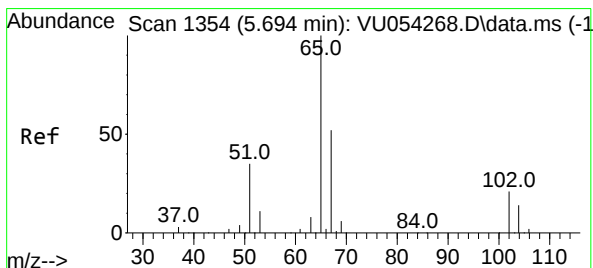
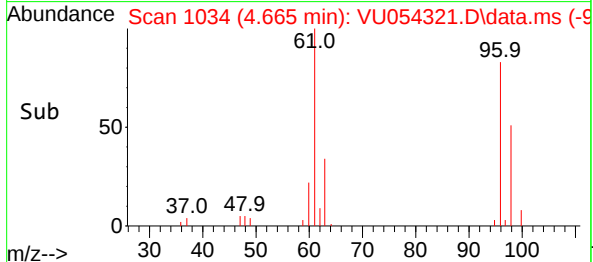
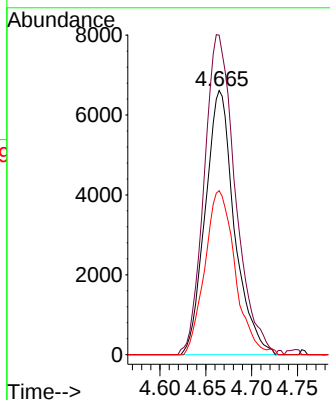
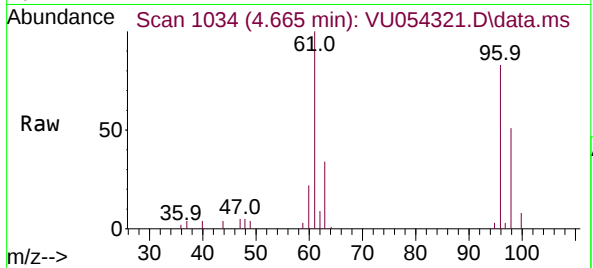




#27
 cis-1,2-Dichloroethene
 Concen: 4.662 ug/l
 RT: 4.665 min Scan# 1034
 Delta R.T. 0.007 min
 Lab File: VU054321.D
 Acq: 30 May 2023 18:08

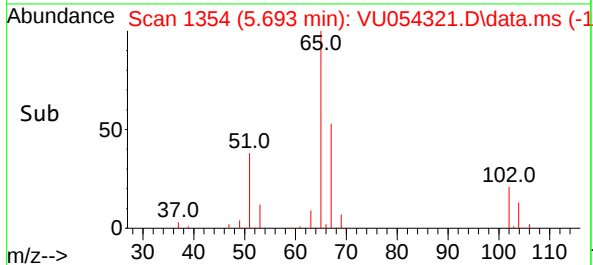
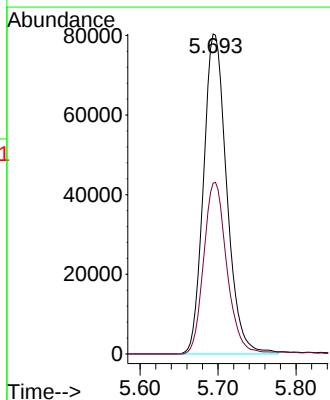
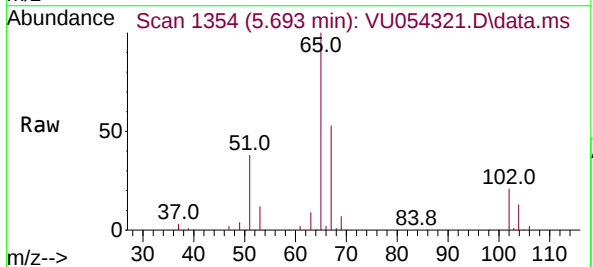
Instrument :
 MSVOA_U
 ClientSampleId :
 54BR-20230524

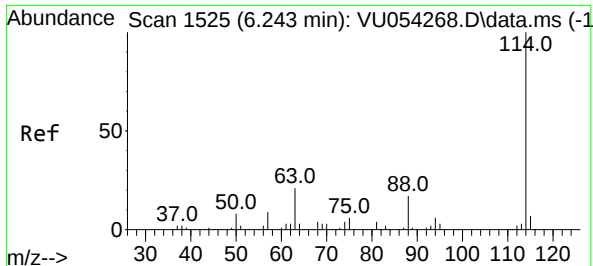
Tgt Ion: 96 Resp: 14632
 Ion Ratio Lower Upper
 96 100
 61 129.2 0.0 271.6
 98 64.0 0.0 128.2



#33
 1,2-Dichloroethane-d4
 Concen: 51.814 ug/l
 RT: 5.693 min Scan# 1354
 Delta R.T. -0.001 min
 Lab File: VU054321.D
 Acq: 30 May 2023 18:08

Tgt Ion: 65 Resp: 166392
 Ion Ratio Lower Upper
 65 100
 67 53.4 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: VU054321.D

Acq: 30 May 2023 18:08

Instrument :

MSVOA_U

ClientSampleId :

54BR-20230524

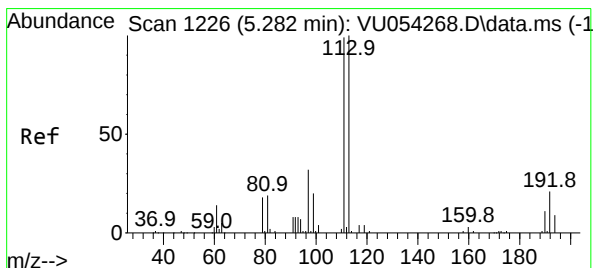
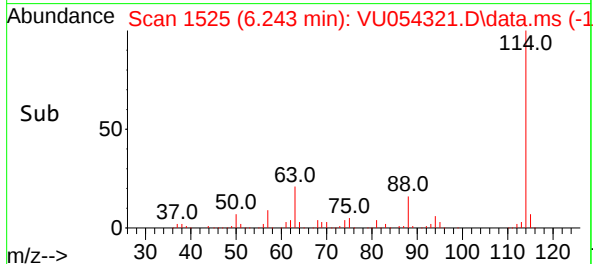
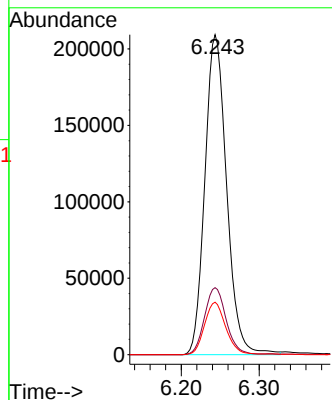
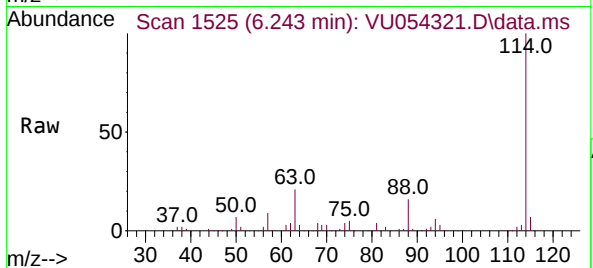
Tgt Ion:114 Resp: 405584

Ion Ratio Lower Upper

114 100

63 20.9 0.0 37.8

88 16.4 0.0 29.2



#35

Dibromofluoromethane

Concen: 53.290 ug/l

RT: 5.282 min Scan# 1226

Delta R.T. -0.000 min

Lab File: VU054321.D

Acq: 30 May 2023 18:08

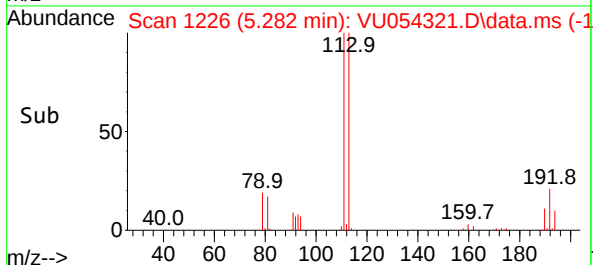
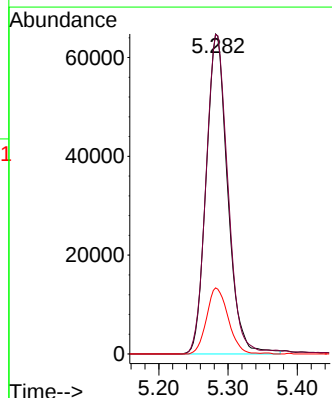
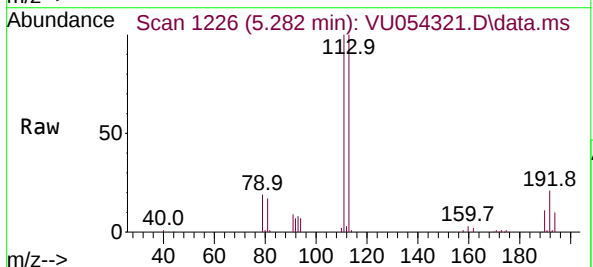
Tgt Ion:113 Resp: 139186

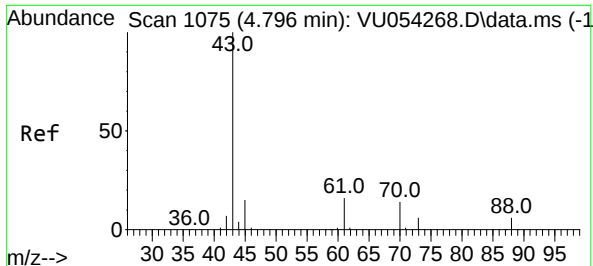
Ion Ratio Lower Upper

113 100

111 100.9 82.1 123.1

192 20.8 18.0 27.0

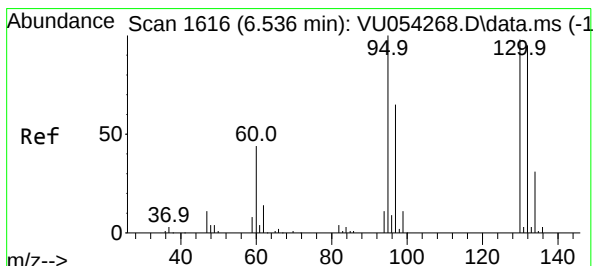
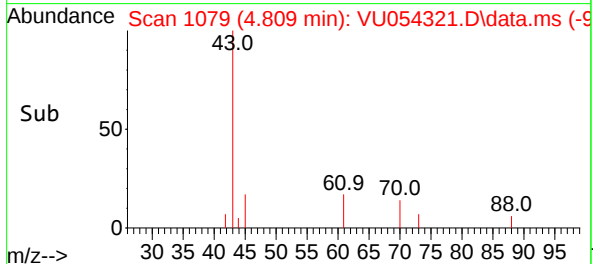
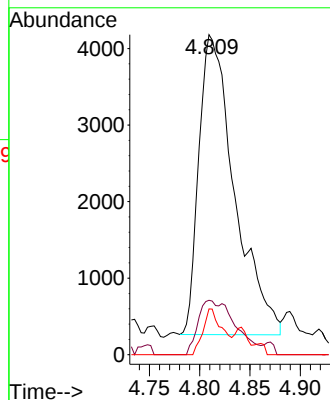
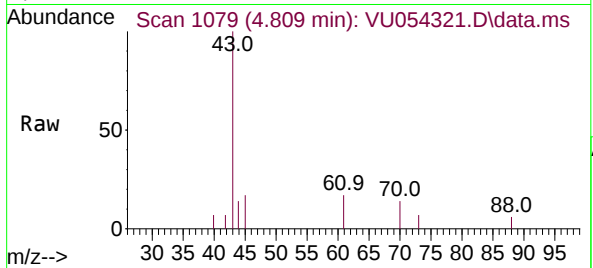




#37
Ethyl Acetate
Concen: 1.935 ug/l
RT: 4.809 min Scan# 1075
Delta R.T. 0.013 min
Lab File: VU054321.D
Acq: 30 May 2023 18:08

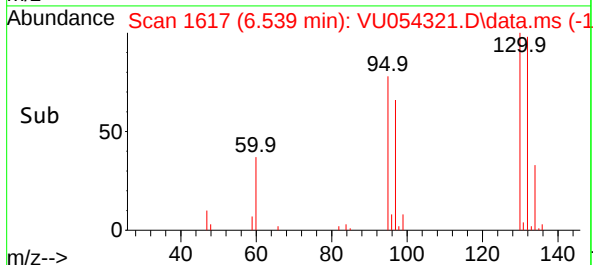
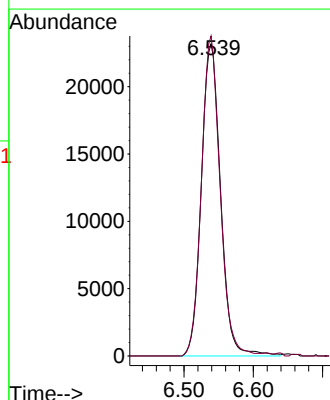
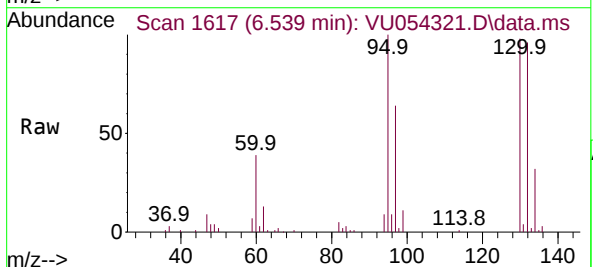
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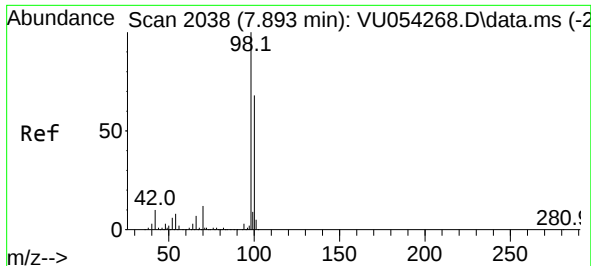
Tgt Ion: 43 Resp: 9673
Ion Ratio Lower Upper
43 100
61 19.0 9.5 14.3#
70 8.3 7.5 11.3



#44
Trichloroethene
Concen: 13.680 ug/l
RT: 6.539 min Scan# 1617
Delta R.T. 0.003 min
Lab File: VU054321.D
Acq: 30 May 2023 18:08

Tgt Ion:130 Resp: 44747
Ion Ratio Lower Upper
130 100
95 102.5 0.0 184.6

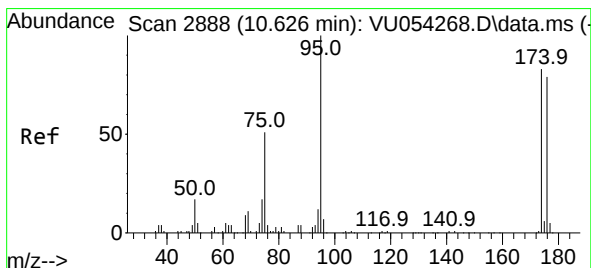
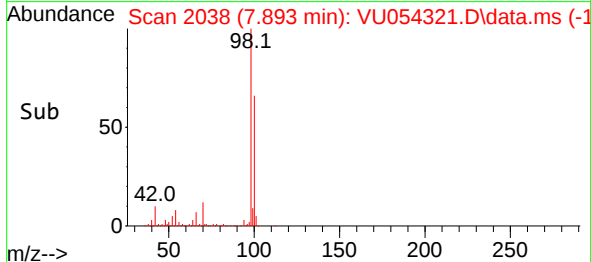
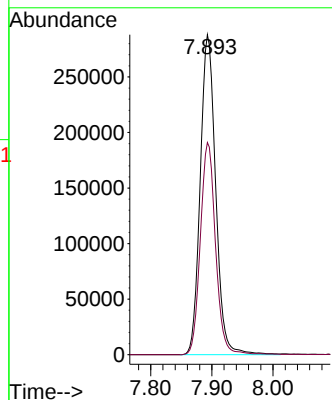
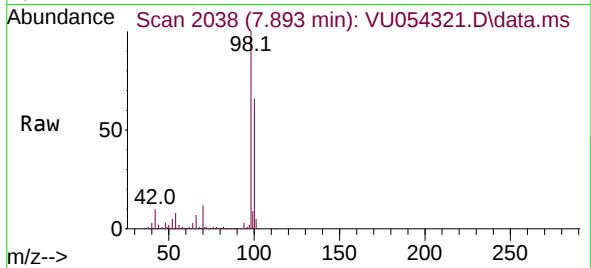




#50
Toluene-d8
Concen: 50.972 ug/l
RT: 7.893 min Scan# 2038
Delta R.T. -0.000 min
Lab File: VU054321.D
Acq: 30 May 2023 18:08

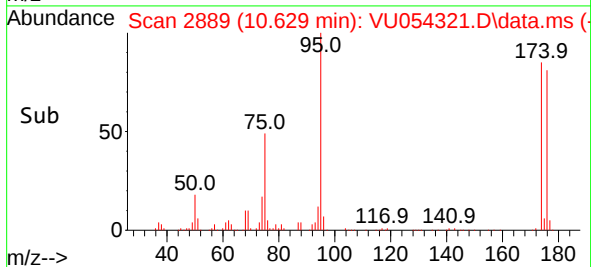
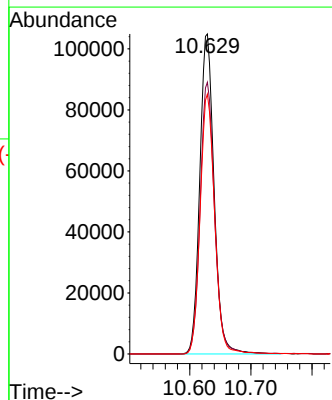
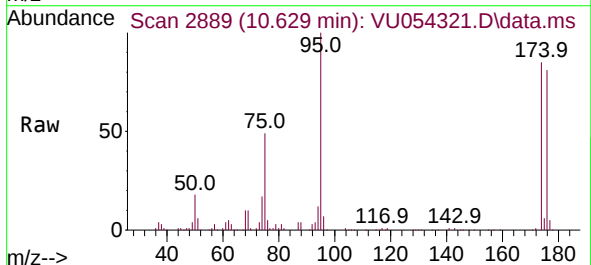
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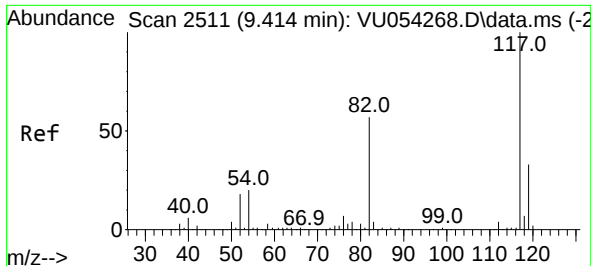
Tgt Ion: 98 Resp: 506390
Ion Ratio Lower Upper
98 100
100 65.3 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 44.305 ug/l
RT: 10.629 min Scan# 2889
Delta R.T. 0.003 min
Lab File: VU054321.D
Acq: 30 May 2023 18:08

Tgt Ion: 95 Resp: 170670
Ion Ratio Lower Upper
95 100
174 85.4 0.0 182.0
176 82.0 0.0 177.8

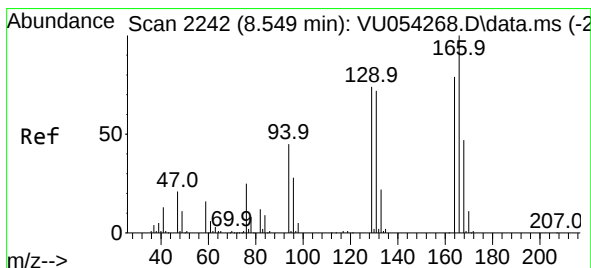
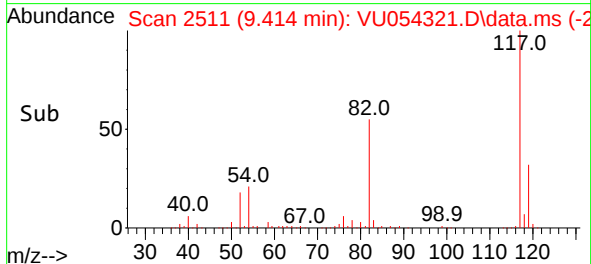
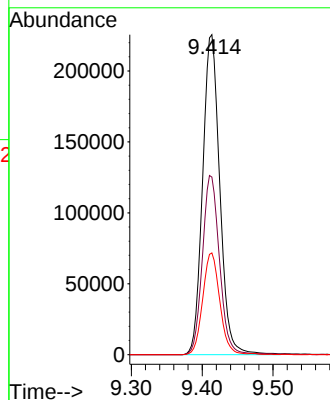
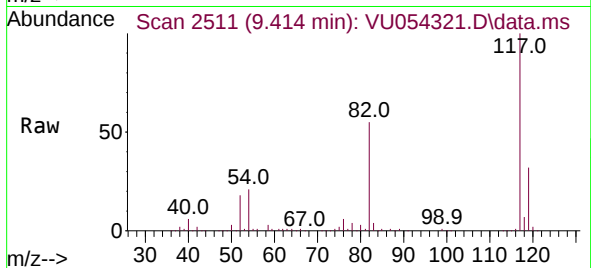




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.414 min Scan# 2511
Delta R.T. -0.000 min
Lab File: VU054321.D
Acq: 30 May 2023 18:08

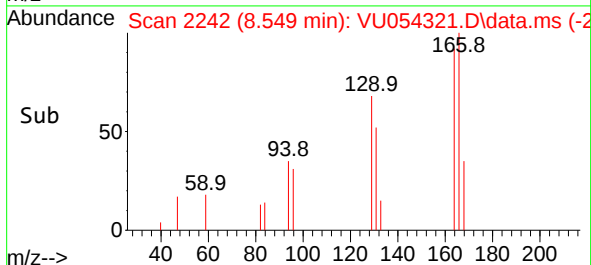
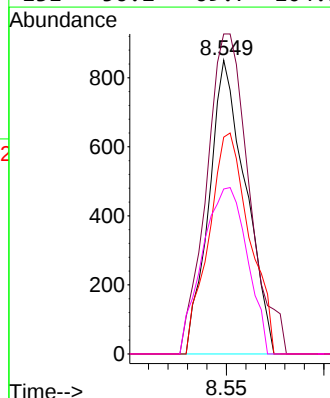
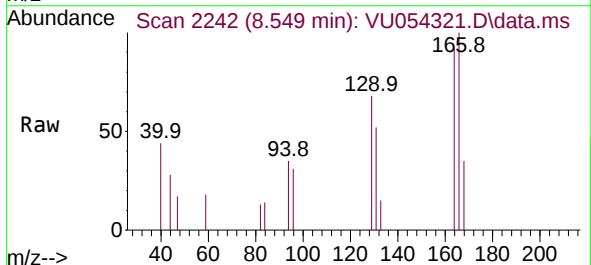
Instrument :
MSVOA_U
ClientSampleId :
54BR-20230524

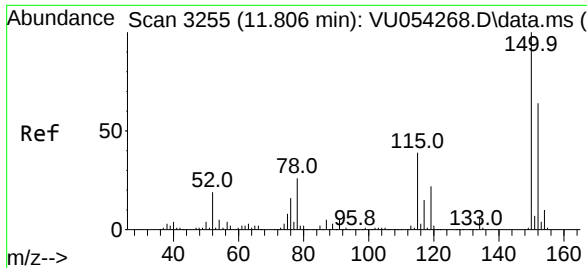
Tgt Ion:117 Resp: 379852
Ion Ratio Lower Upper
117 100
82 55.5 41.7 62.5
119 31.8 25.7 38.5



#64
Tetrachloroethene
Concen: 0.389 ug/l
RT: 8.549 min Scan# 2242
Delta R.T. -0.000 min
Lab File: VU054321.D
Acq: 30 May 2023 18:08

Tgt Ion:164 Resp: 1111
Ion Ratio Lower Upper
164 100
166 108.9 100.0 150.0
129 73.8 72.0 108.0
131 56.2 69.7 104.5#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.806 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU054321.D

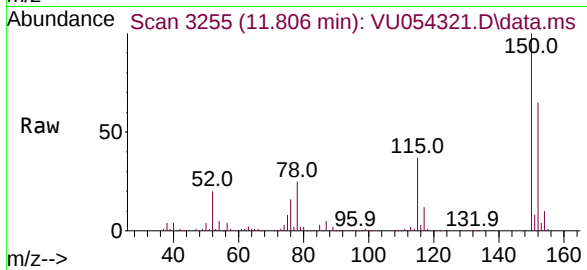
Acq: 30 May 2023 18:08

Instrument :

MSVOA_U

ClientSampleId :

54BR-20230524



Tgt Ion:152 Resp: 185250

Ion Ratio Lower Upper

152 100

115 57.8 37.0 110.9

150 157.1 0.0 342.2

