

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU053023\
 Data File : VU054309.D
 Acq On : 30 May 2023 13:23
 Operator : JC/MD
 Sample : 02912-05DL 10X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 RE103D1-20230523DL

Quant Time: May 31 06:25:28 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)

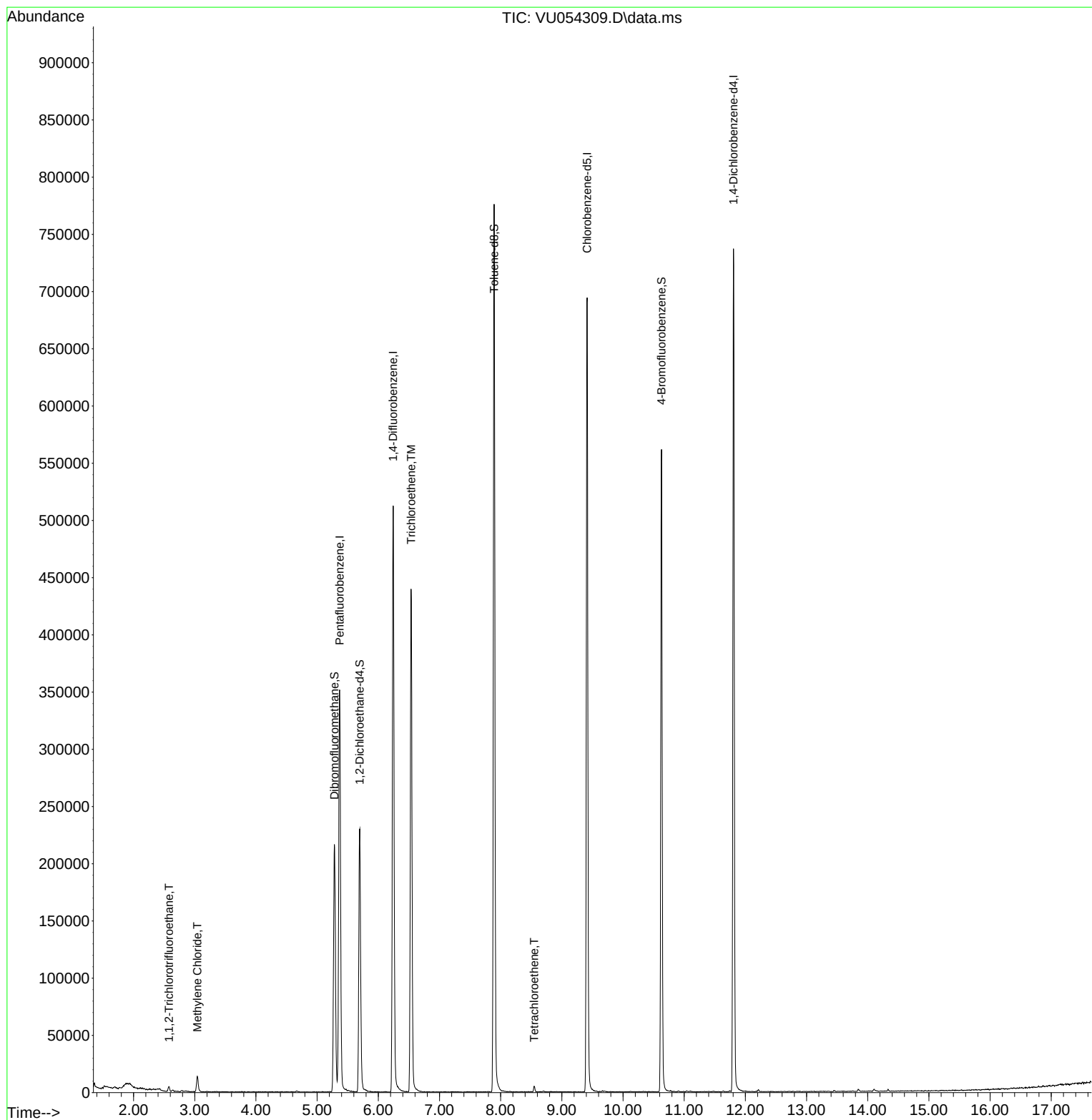
Internal Standards						
1) Pentafluorobenzene	5.369	168	259100	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.243	114	423210	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.414	117	403634	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.806	152	202587	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.697	65	175063	51.542	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	103.080%
35) Dibromofluoromethane	5.282	113	142612	52.327	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.660%
50) Toluene-d8	7.893	98	525924	50.733	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.460%
62) 4-Bromofluorobenzene	10.629	95	188320	46.851	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.700%
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.578	101	1507	0.560	ug/l #	91
20) Methylene Chloride	3.041	84	6755	1.923	ug/l	92
44) Trichloroethene	6.536	130	153834	45.071	ug/l	89
64) Tetrachloroethene	8.549	164	1114	0.367	ug/l #	77

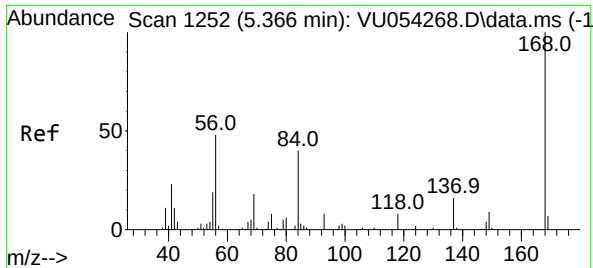
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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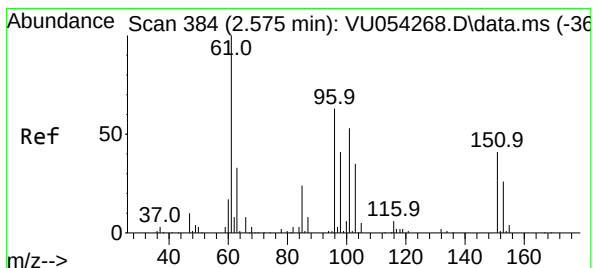
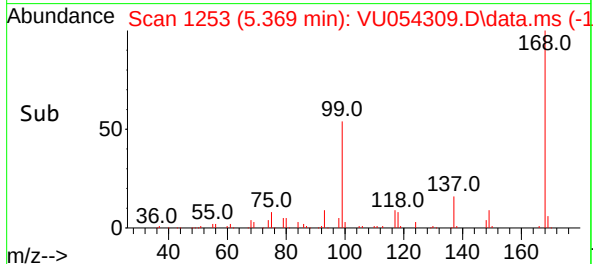
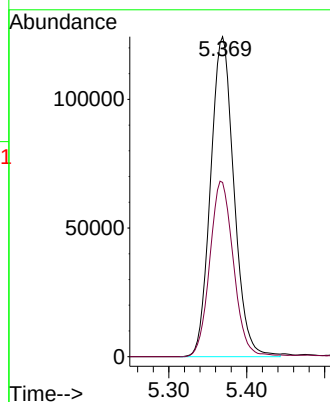
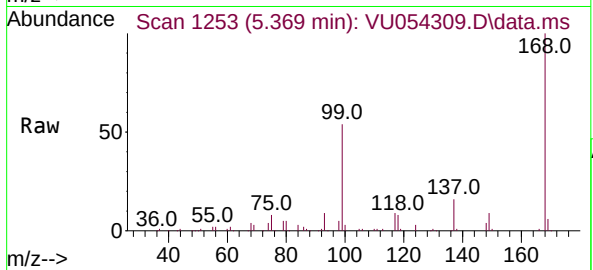




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.369 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU054309.D
Acq: 30 May 2023 13:23

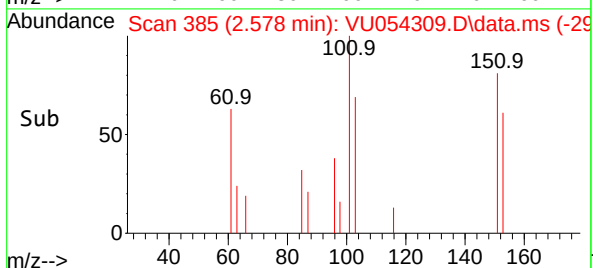
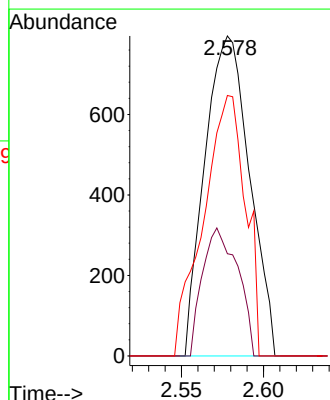
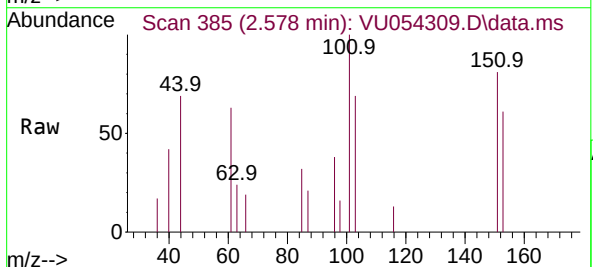
Instrument :
MSVOA_U
ClientSampleId :
RE103D1-20230523DL

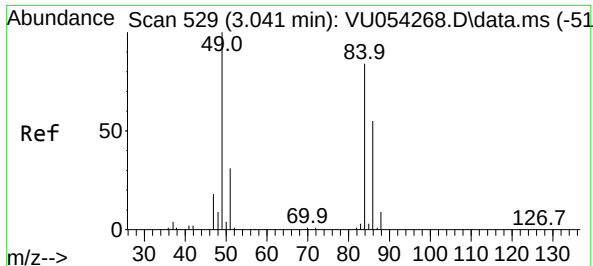
Tgt Ion:168 Resp: 259100
Ion Ratio Lower Upper
168 100
99 54.4 39.3 58.9



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.560 ug/l
RT: 2.578 min Scan# 385
Delta R.T. 0.003 min
Lab File: VU054309.D
Acq: 30 May 2023 13:23

Tgt Ion:101 Resp: 1507
Ion Ratio Lower Upper
101 100
85 31.5 33.9 50.9#
151 76.4 64.0 96.0

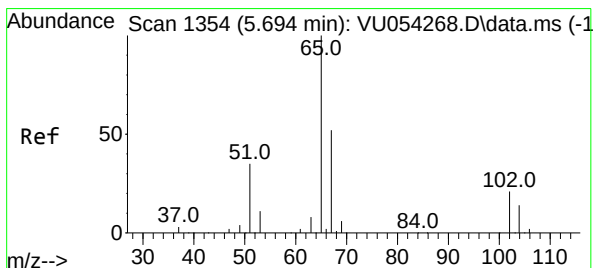
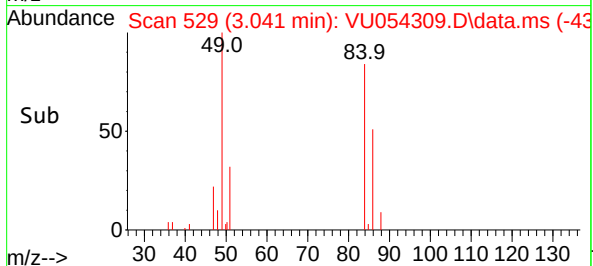
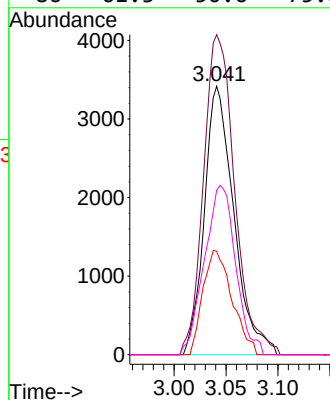
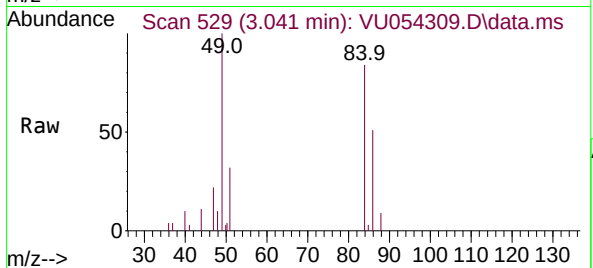




#20
Methylene Chloride
Concen: 1.923 ug/l
RT: 3.041 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU054309.D
Acq: 30 May 2023 13:23

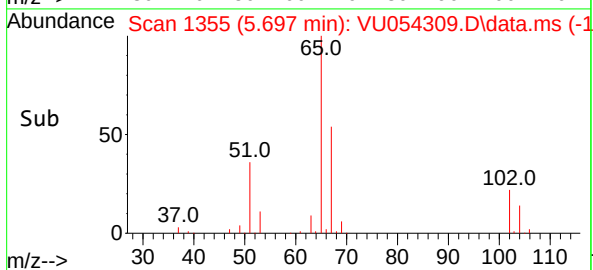
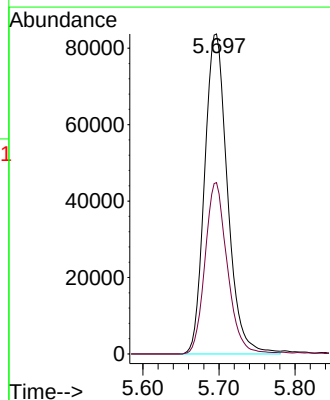
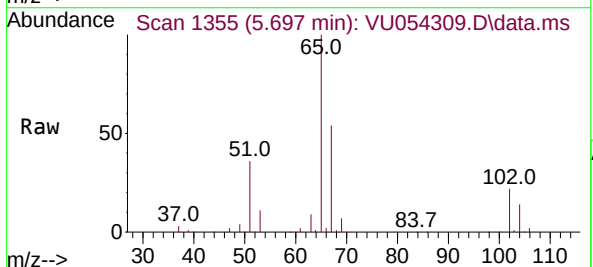
Instrument :
MSVOA_U
ClientSampleId :
RE103D1-20230523DL

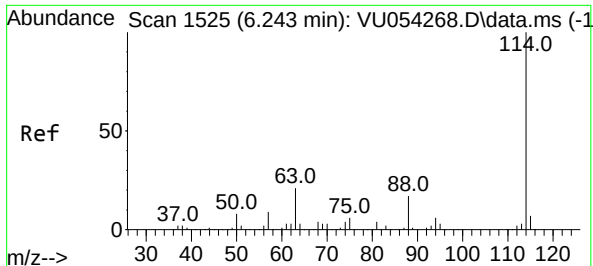
Tgt Ion:	84	Resp:	6755
Ion	Ratio	Lower	Upper
84	100		
49	119.2	86.6	129.8
51	38.5	26.6	40.0
86	61.3	50.6	75.8



#33
1,2-Dichloroethane-d4
Concen: 51.542 ug/l
RT: 5.697 min Scan# 1355
Delta R.T. 0.003 min
Lab File: VU054309.D
Acq: 30 May 2023 13:23

Tgt Ion:	65	Resp:	175063
Ion	Ratio	Lower	Upper
65	100		
67	52.1	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: VU054309.D

Acq: 30 May 2023 13:23

Instrument :

MSVOA_U

ClientSampleId :

RE103D1-20230523DL

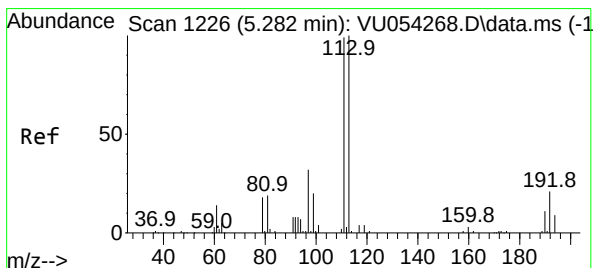
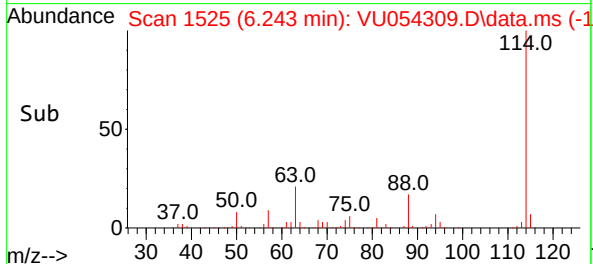
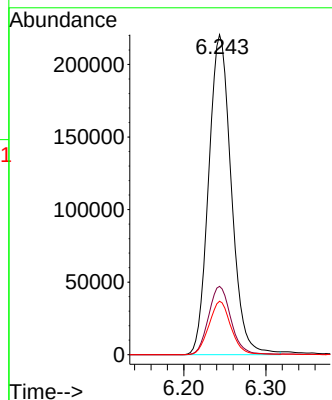
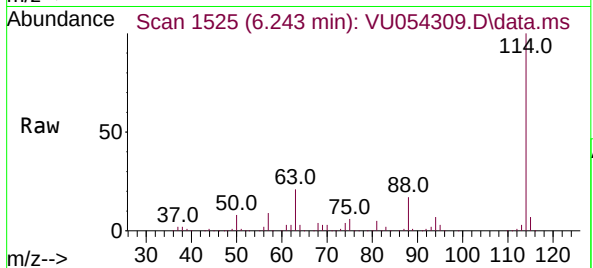
Tgt Ion:114 Resp: 423210

Ion Ratio Lower Upper

114 100

63 21.4 0.0 37.8

88 16.7 0.0 29.2



#35

Dibromofluoromethane

Concen: 52.327 ug/l

RT: 5.282 min Scan# 1226

Delta R.T. 0.000 min

Lab File: VU054309.D

Acq: 30 May 2023 13:23

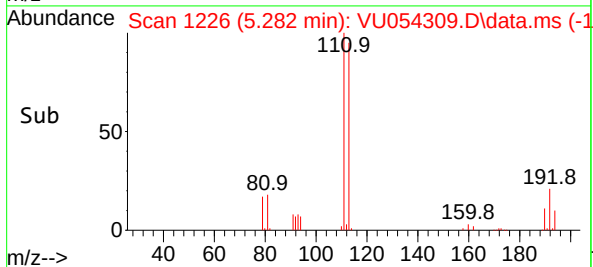
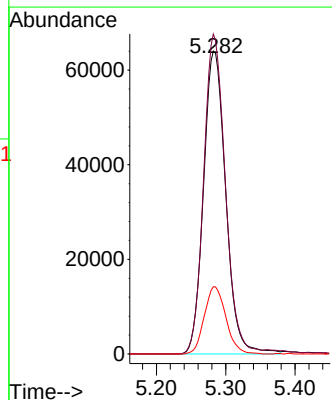
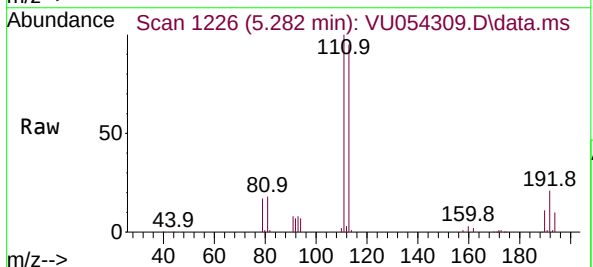
Tgt Ion:113 Resp: 142612

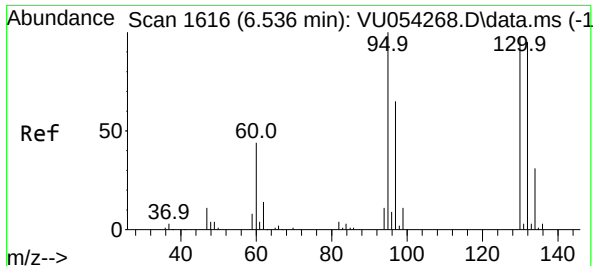
Ion Ratio Lower Upper

113 100

111 102.8 82.1 123.1

192 21.6 18.0 27.0

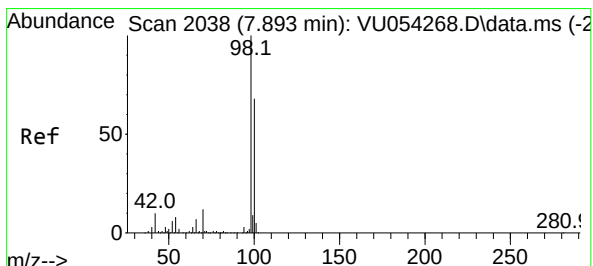
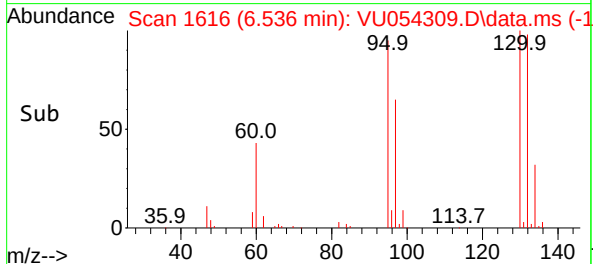
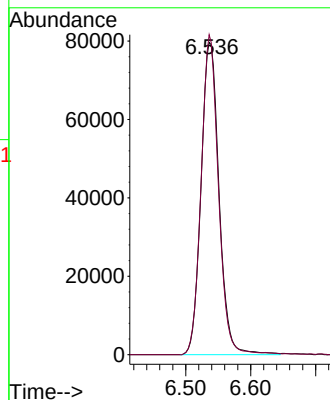
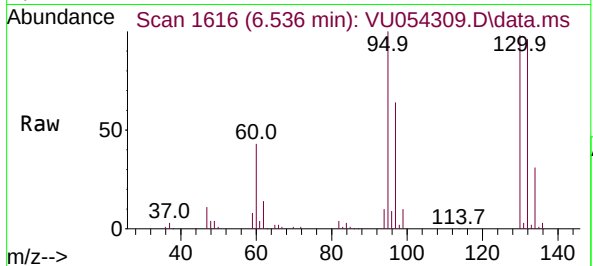




#44
Trichloroethene
Concen: 45.071 ug/l
RT: 6.536 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU054309.D
Acq: 30 May 2023 13:23

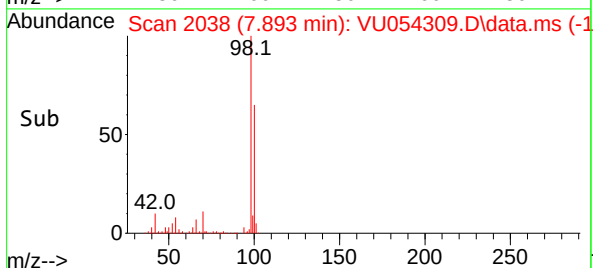
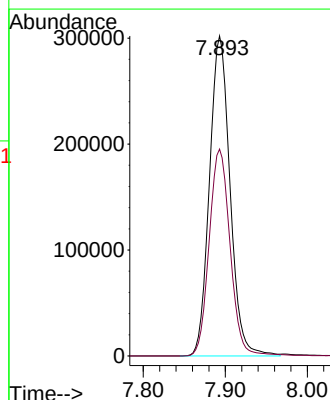
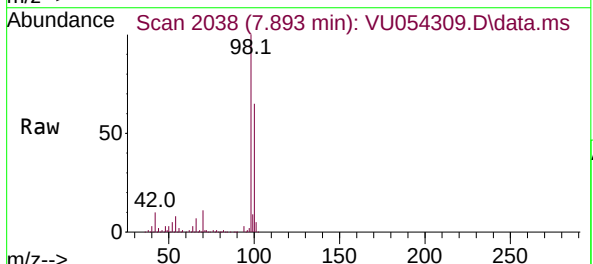
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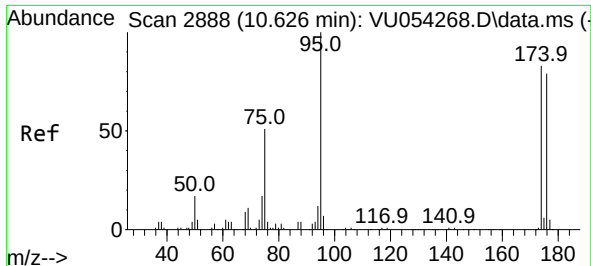
Tgt Ion:130 Resp: 153834
Ion Ratio Lower Upper
130 100
95 102.4 0.0 184.6



#50
Toluene-d8
Concen: 50.733 ug/l
RT: 7.893 min Scan# 2038
Delta R.T. -0.000 min
Lab File: VU054309.D
Acq: 30 May 2023 13:23

Tgt Ion: 98 Resp: 525924
Ion Ratio Lower Upper
98 100
100 65.8 51.7 77.5

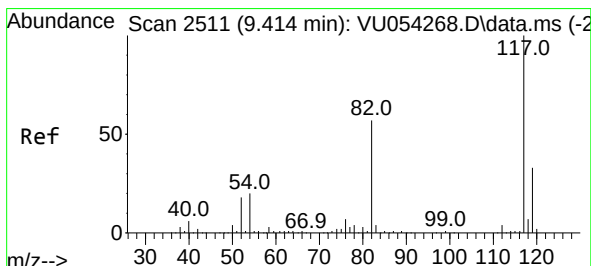
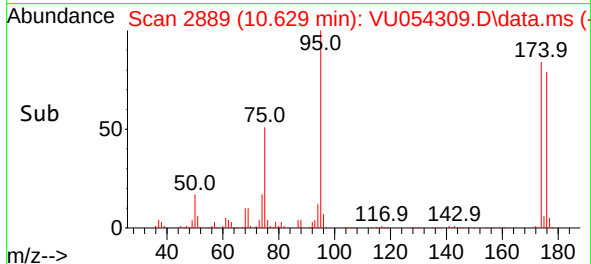
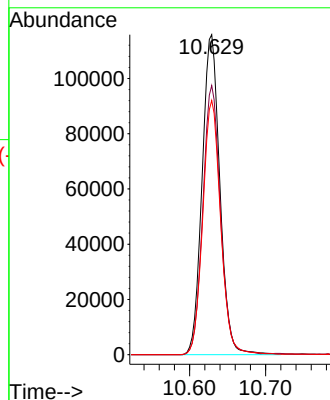
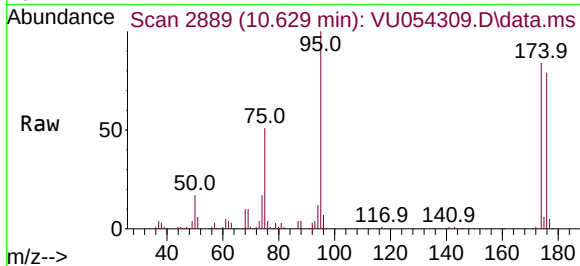




#62
4-Bromofluorobenzene
Concen: 46.851 ug/l
RT: 10.629 min Scan# 2888
Delta R.T. 0.003 min
Lab File: VU054309.D
Acq: 30 May 2023 13:23

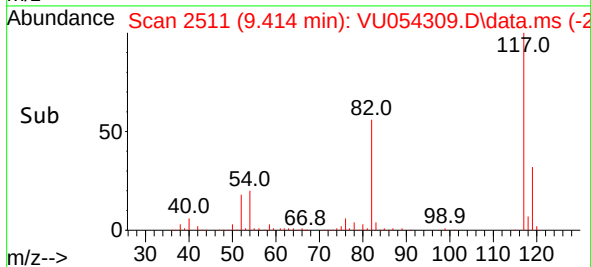
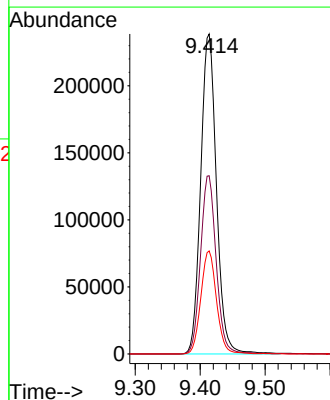
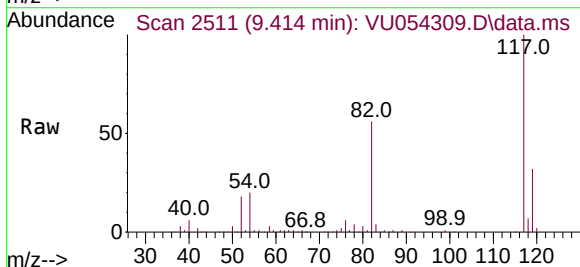
Instrument :
MSVOA_U
ClientSampleId :
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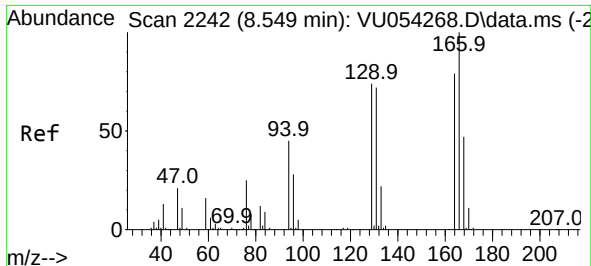
Tgt Ion: 95 Resp: 188320
Ion Ratio Lower Upper
95 100
174 83.5 0.0 182.0
176 79.9 0.0 177.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.414 min Scan# 2511
Delta R.T. -0.000 min
Lab File: VU054309.D
Acq: 30 May 2023 13:23

Tgt Ion: 117 Resp: 403634
Ion Ratio Lower Upper
117 100
82 55.7 41.7 62.5
119 32.2 25.7 38.5





#64

Tetrachloroethene

Concen: 0.367 ug/l

RT: 8.549 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU054309.D

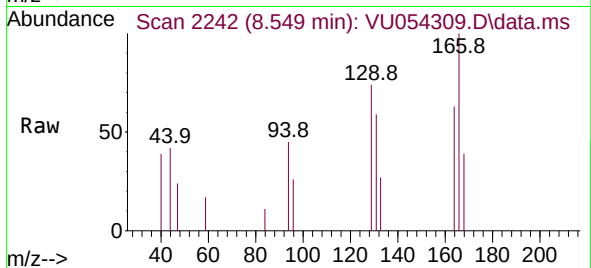
Acq: 30 May 2023 13:23

Instrument :

MSVOA_U

ClientSampleId :

RE103D1-20230523DL



Tgt Ion:164 Resp: 1114

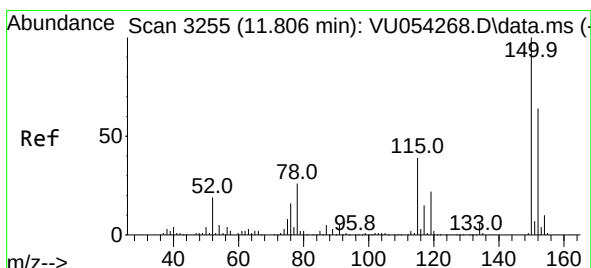
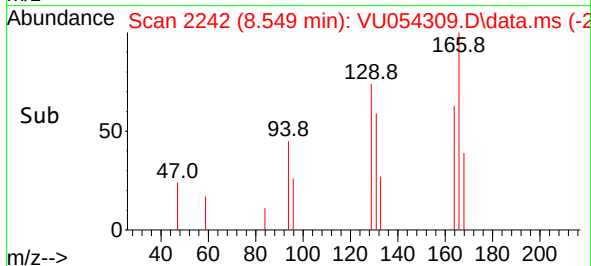
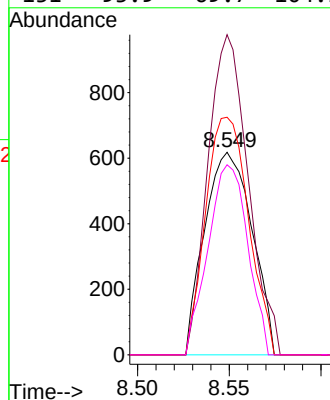
Ion Ratio Lower Upper

164 100

166 158.1 100.0 150.0#

129 117.3 72.0 108.0#

131 93.9 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: VU054309.D

Acq: 30 May 2023 13:23

Tgt Ion:152 Resp: 202587

Ion Ratio Lower Upper

152 100

115 58.5 37.0 110.9

150 157.2 0.0 342.2

