

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052623\
 Data File : VU054279.D
 Acq On : 26 May 2023 12:40
 Operator : JC/MD
 Sample : 02936-02DL 5X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 91BR-20230523DL

Quant Time: May 30 00:00:15 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)

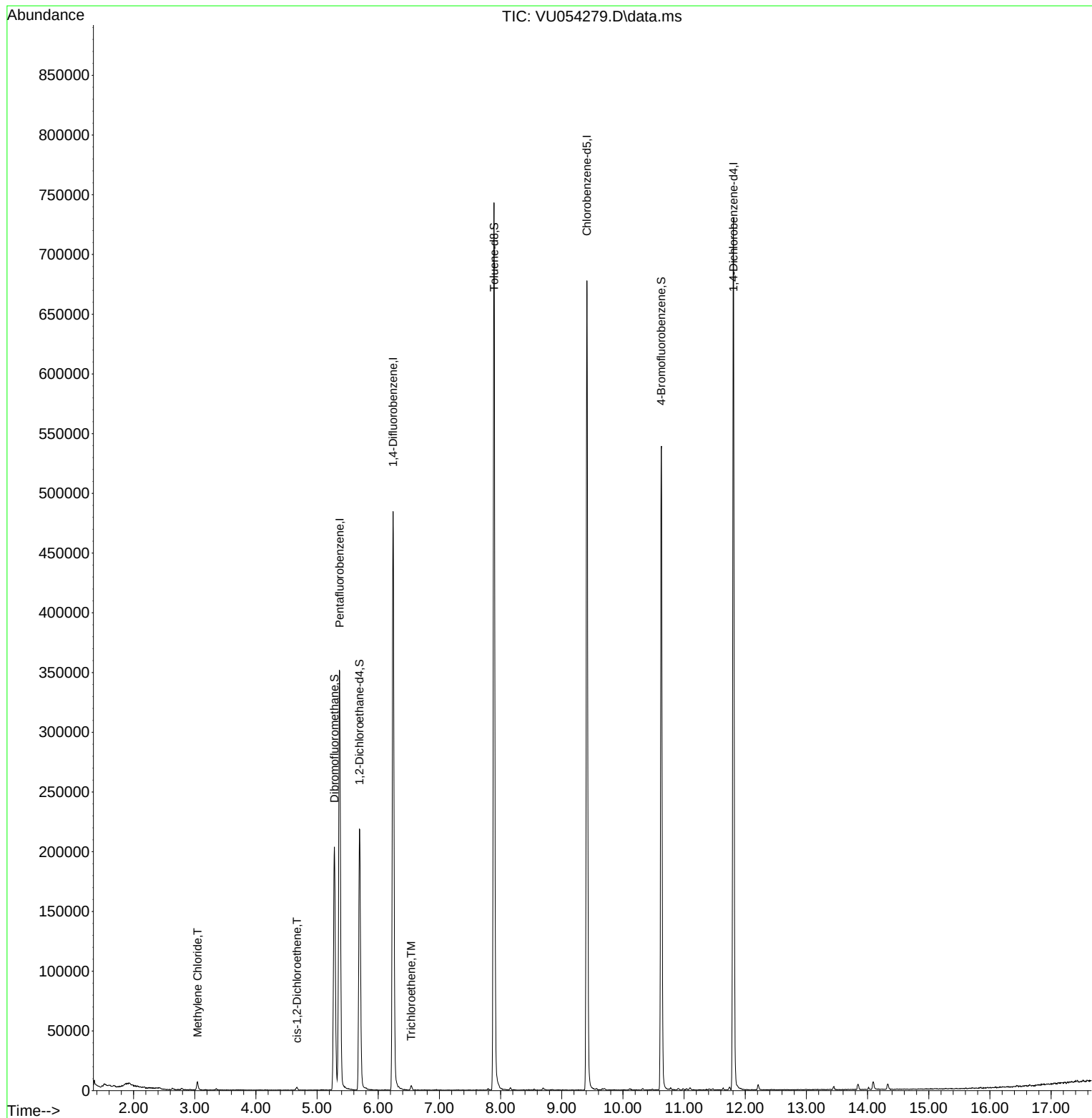
Internal Standards						
1) Pentafluorobenzene	5.369	168	256453	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.243	114	408950	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.410	117	385644	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.806	152	197144	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.694	65	166176	49.430	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.860%
35) Dibromofluoromethane	5.282	113	134030	50.893	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.780%
50) Toluene-d8	7.893	98	498941	49.809	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.620%
62) 4-Bromofluorobenzene	10.626	95	181120	46.631	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.260%
Target Compounds						
					Qvalue	
20) Methylene Chloride	3.044	84	3267	0.940	ug/l	96
27) cis-1,2-Dichloroethene	4.671	96	1191	0.363	ug/l	87
44) Trichloroethene	6.539	130	1553	0.471	ug/l	86

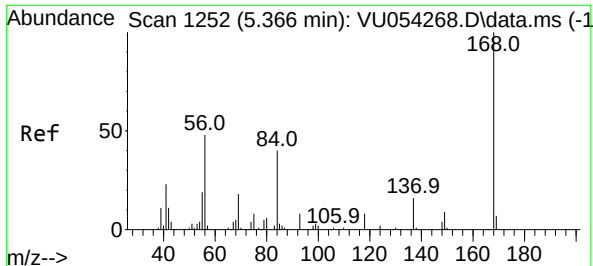
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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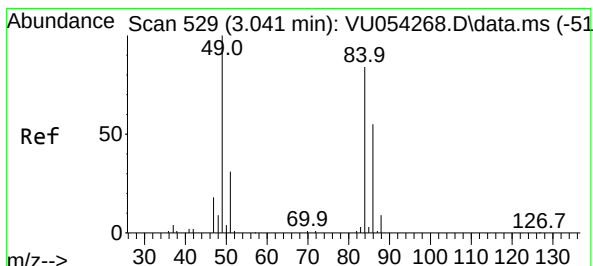
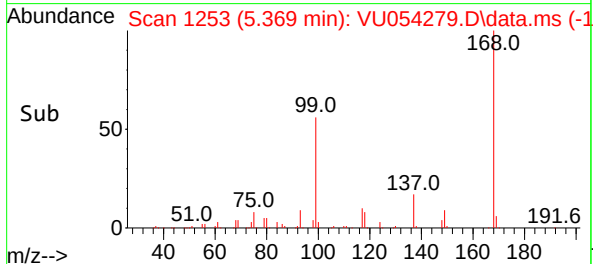
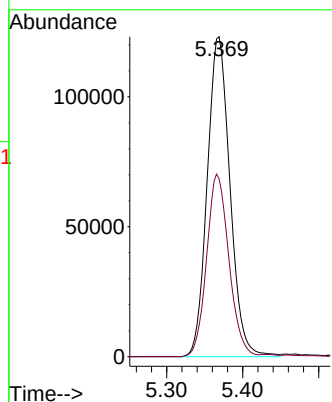
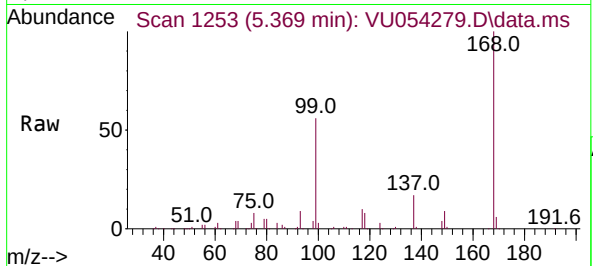




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.369 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU054279.D
Acq: 26 May 2023 12:40

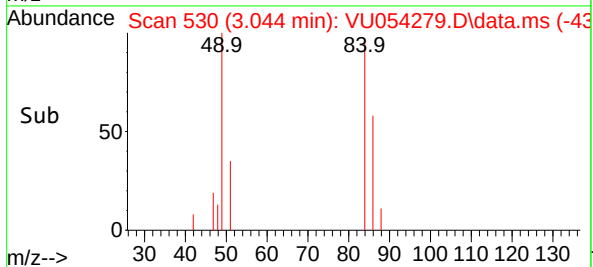
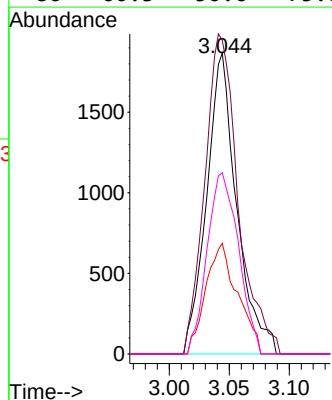
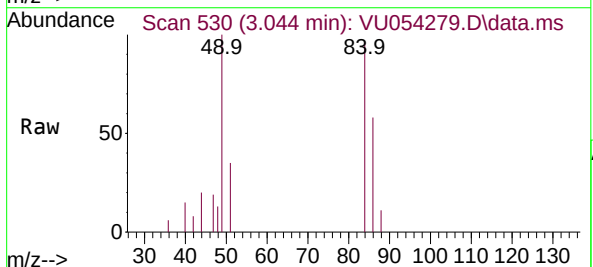
Instrument :
MSVOA_U
ClientSampleId :
91BR-20230523DL

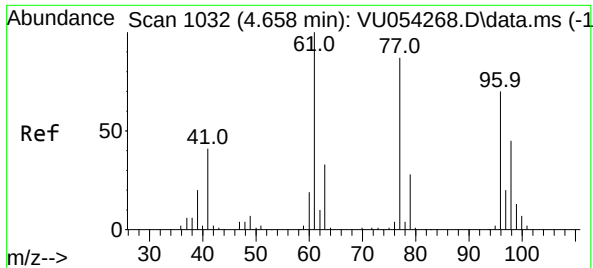
Tgt Ion:168 Resp: 256453
Ion Ratio Lower Upper
168 100
99 55.6 39.3 58.9



#20
Methylene Chloride
Concen: 0.940 ug/l
RT: 3.044 min Scan# 530
Delta R.T. 0.003 min
Lab File: VU054279.D
Acq: 26 May 2023 12:40

Tgt Ion: 84 Resp: 3267
Ion Ratio Lower Upper
84 100
49 104.3 86.6 129.8
51 36.8 26.6 40.0
86 60.3 50.6 75.8





#27

cis-1,2-Dichloroethene

Concen: 0.363 ug/l

RT: 4.671 min Scan# 1036

Delta R.T. 0.013 min

Lab File: VU054279.D

Acq: 26 May 2023 12:40

Instrument :

MSVOA_U

ClientSampleId :

91BR-20230523DL

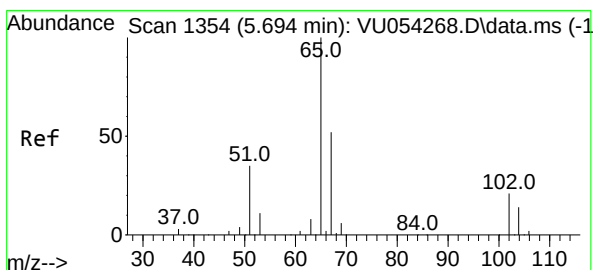
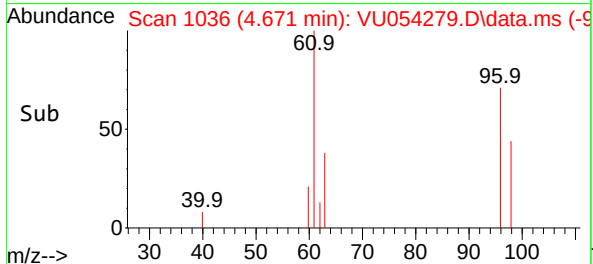
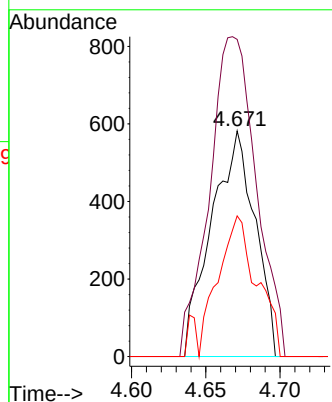
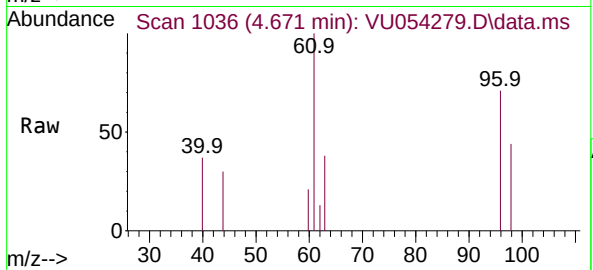
Tgt Ion: 96 Resp: 1191

Ion Ratio Lower Upper

96 100

61 151.9 0.0 271.6

98 55.6 0.0 128.2



#33

1,2-Dichloroethane-d4

Concen: 49.430 ug/l

RT: 5.694 min Scan# 1354

Delta R.T. -0.000 min

Lab File: VU054279.D

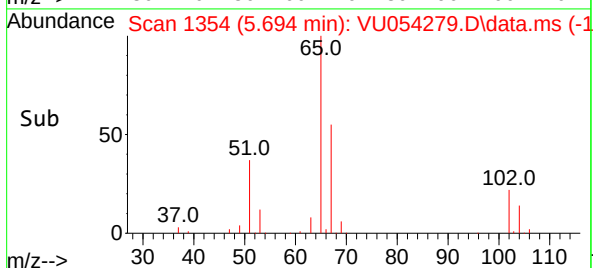
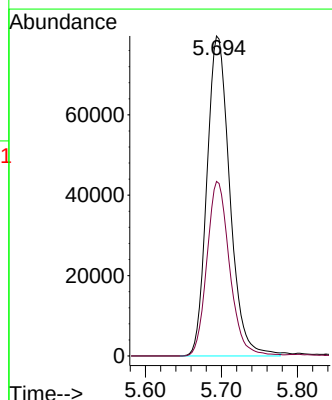
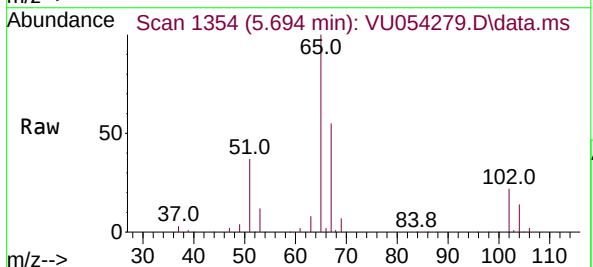
Acq: 26 May 2023 12:40

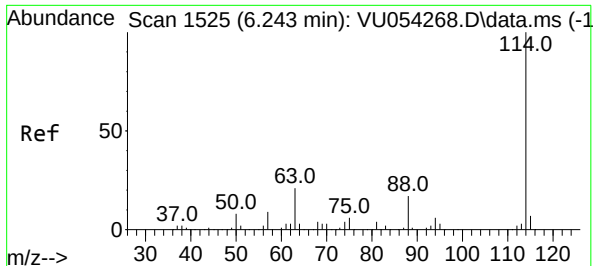
Tgt Ion: 65 Resp: 166176

Ion Ratio Lower Upper

65 100

67 54.2 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: VU054279.D

Acq: 26 May 2023 12:40

Instrument :

MSVOA_U

ClientSampleId :

91BR-20230523DL

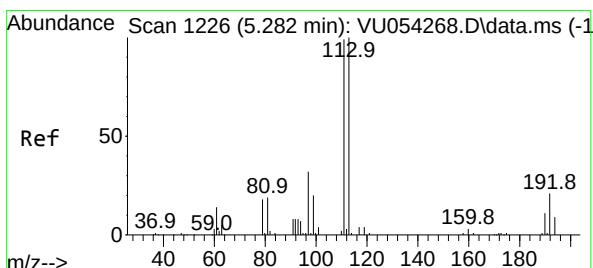
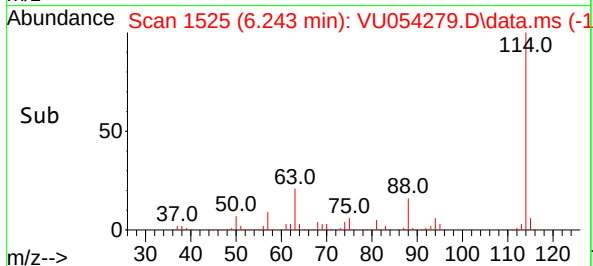
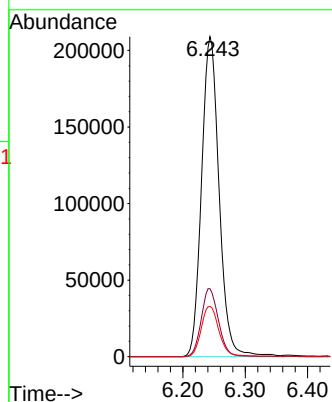
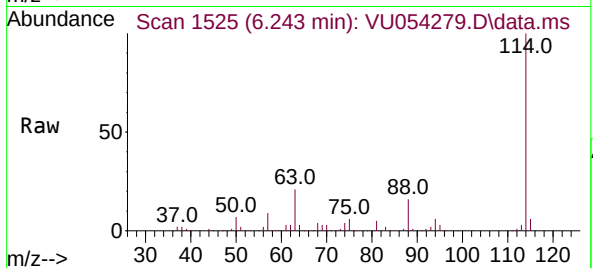
Tgt Ion:114 Resp: 408950

Ion Ratio Lower Upper

114 100

63 21.3 0.0 37.8

88 15.7 0.0 29.2



#35

Dibromofluoromethane

Concen: 50.893 ug/l

RT: 5.282 min Scan# 1226

Delta R.T. 0.000 min

Lab File: VU054279.D

Acq: 26 May 2023 12:40

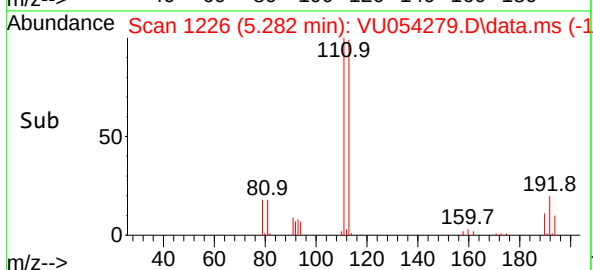
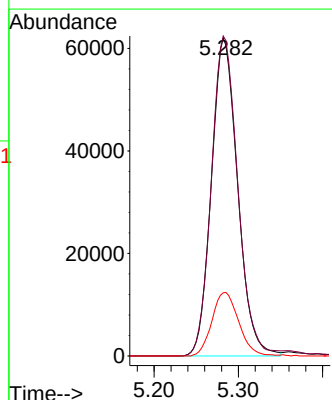
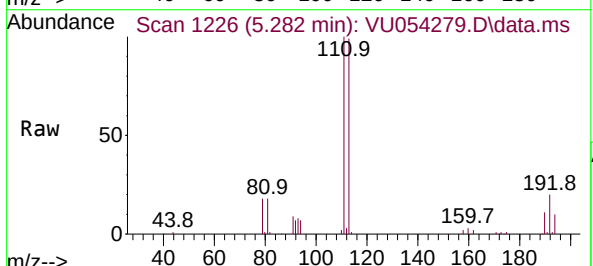
Tgt Ion:113 Resp: 134030

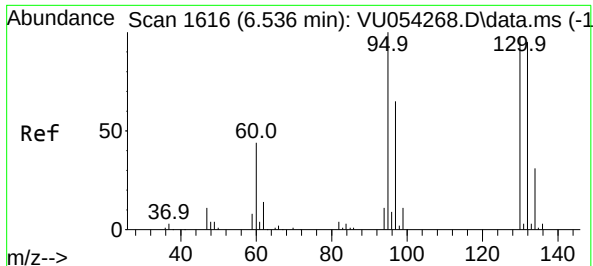
Ion Ratio Lower Upper

113 100

111 101.6 82.1 123.1

192 20.4 18.0 27.0

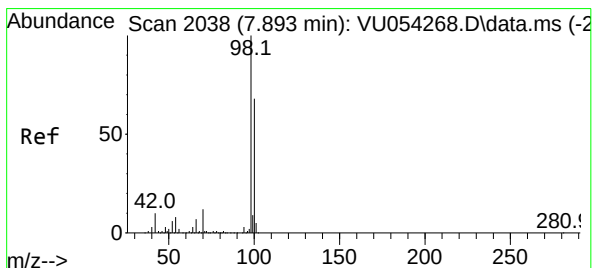
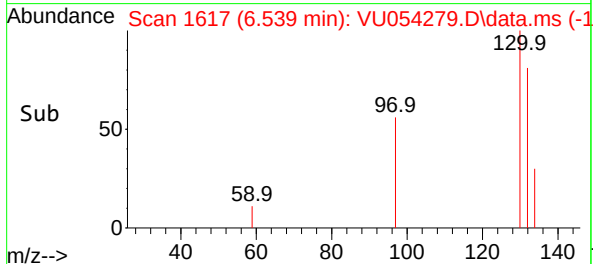
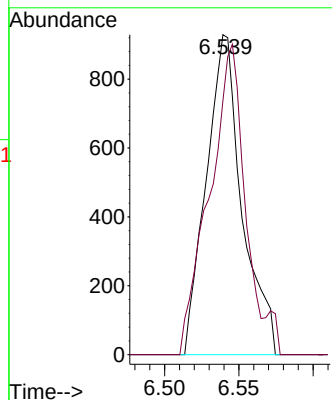
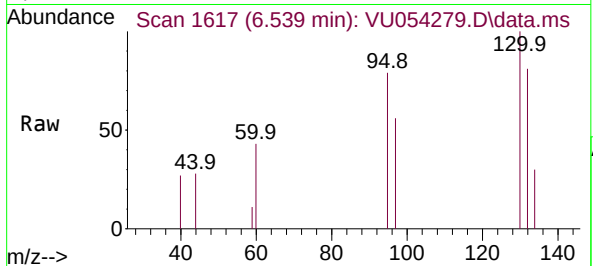




#44
Trichloroethene
Concen: 0.471 ug/l
RT: 6.539 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU054279.D
Acq: 26 May 2023 12:40

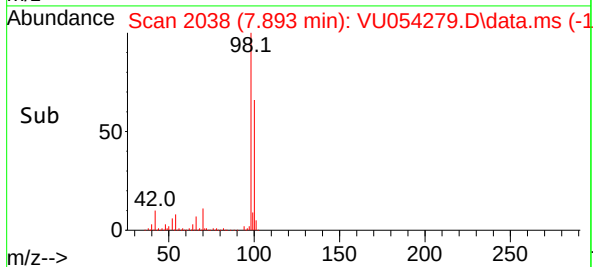
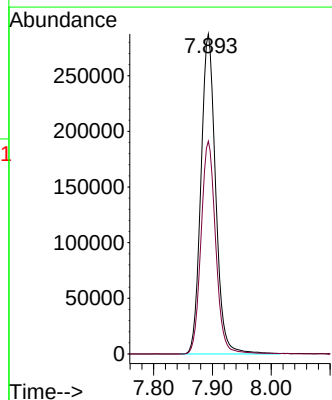
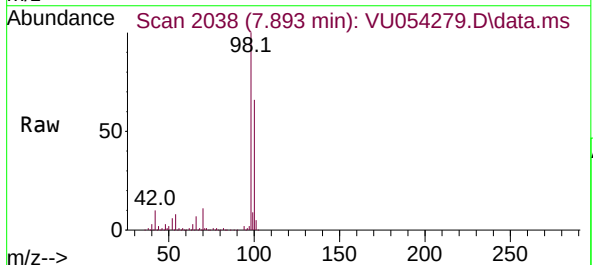
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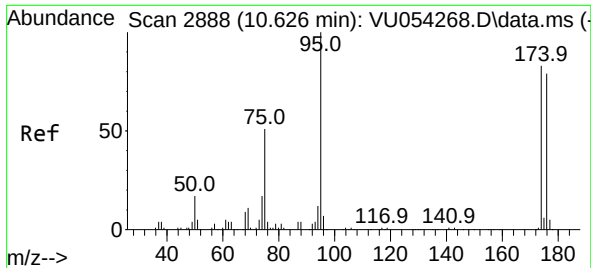
Tgt Ion:130 Resp: 1553
Ion Ratio Lower Upper
130 100
95 79.3 0.0 184.6



#50
Toluene-d8
Concen: 49.809 ug/l
RT: 7.893 min Scan# 2038
Delta R.T. -0.000 min
Lab File: VU054279.D
Acq: 26 May 2023 12:40

Tgt Ion: 98 Resp: 498941
Ion Ratio Lower Upper
98 100
100 66.4 51.7 77.5

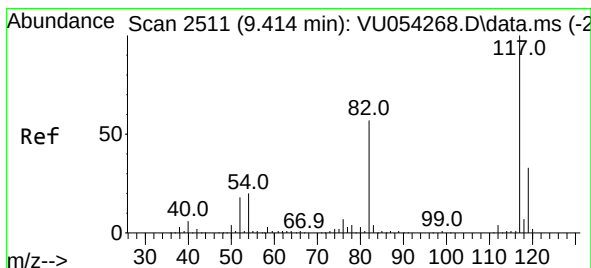
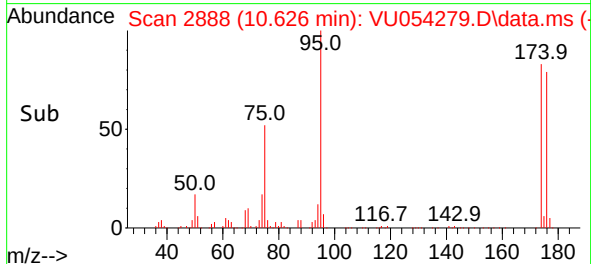
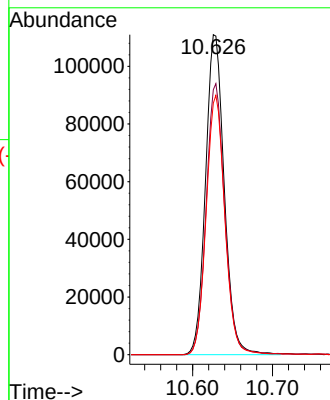
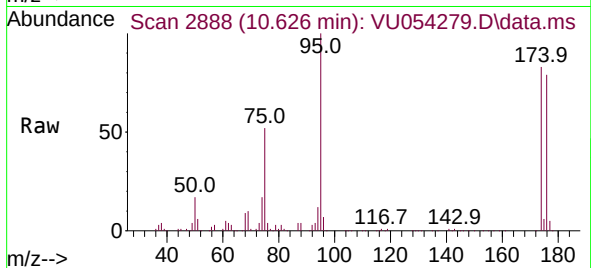




#62
4-Bromofluorobenzene
Concen: 46.631 ug/l
RT: 10.626 min Scan# 2110
Delta R.T. -0.000 min
Lab File: VU054279.D
Acq: 26 May 2023 12:40

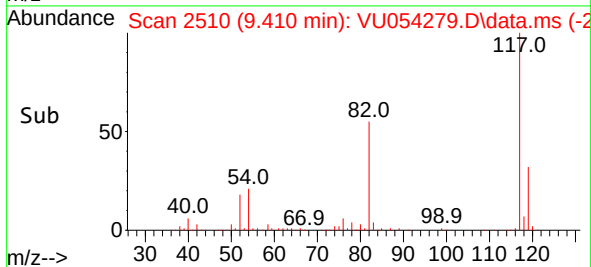
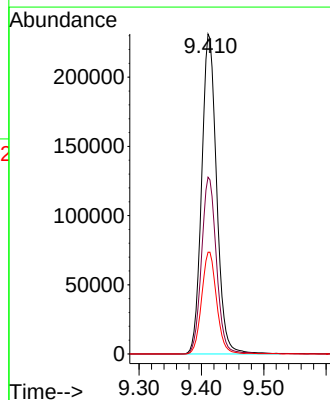
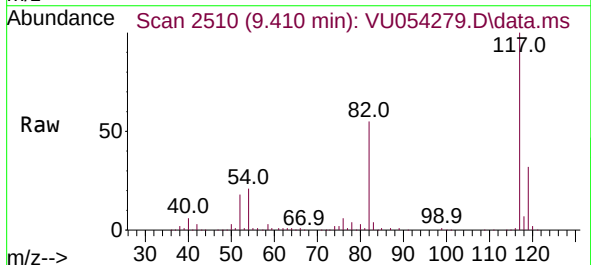
Instrument :
MSVOA_U
ClientSampleId :
91BR-20230523DL

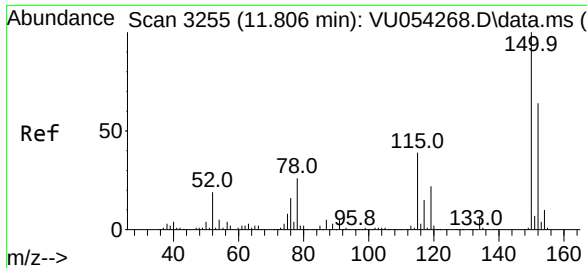
Tgt Ion: 95 Resp: 181120
Ion Ratio Lower Upper
95 100
174 83.8 0.0 182.0
176 80.7 0.0 177.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.410 min Scan# 2510
Delta R.T. -0.004 min
Lab File: VU054279.D
Acq: 26 May 2023 12:40

Tgt Ion: 117 Resp: 385644
Ion Ratio Lower Upper
117 100
82 55.3 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: VU054279.D

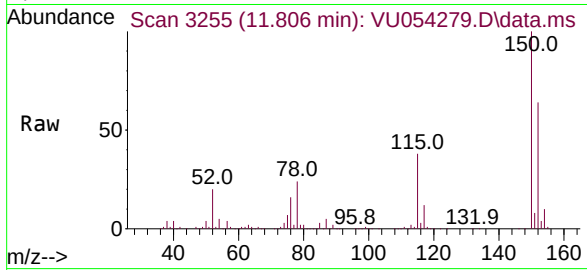
Acq: 26 May 2023 12:40

Instrument :

MSVOA_U

ClientSampleId :

91BR-20230523DL



Tgt Ion:152 Resp: 197144

Ion Ratio Lower Upper

152 100

115 58.4 37.0 110.9

150 159.2 0.0 342.2

