

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052623\
 Data File : VU054280.D
 Acq On : 26 May 2023 13:04
 Operator : JC/MD
 Sample : 02936-03 50X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 20BR-20230523

Quant Time: May 30 00:00:34 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)

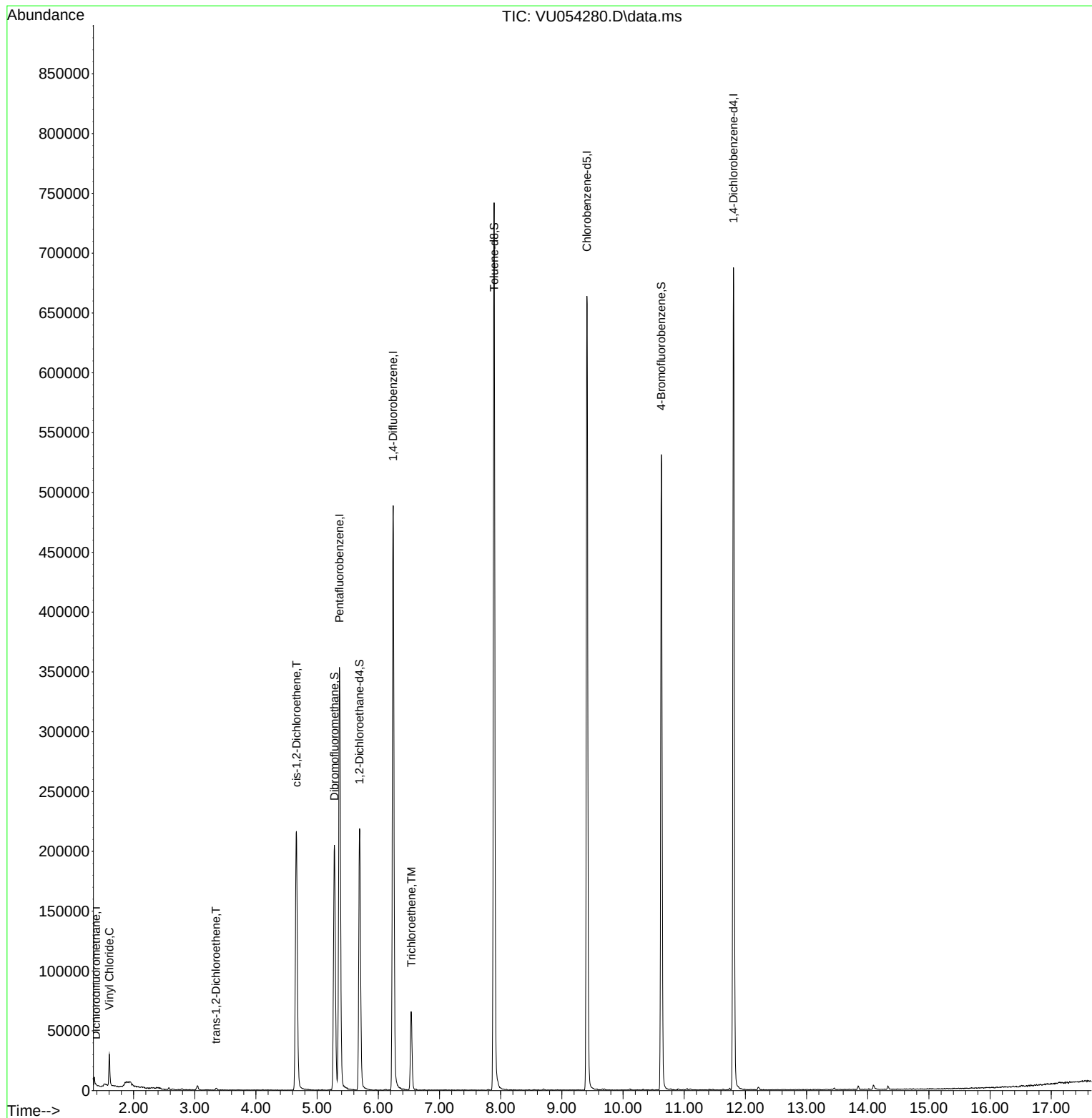
Internal Standards						
1) Pentafluorobenzene	5.366	168	259690	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.243	114	408824	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.411	117	385864	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.806	152	191882	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.694	65	167322	49.151	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.300%
35) Dibromofluoromethane	5.282	113	136290	51.767	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.540%
50) Toluene-d8	7.893	98	498775	49.807	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.620%
62) 4-Bromofluorobenzene	10.626	95	178581	45.992	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.980%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	611	0.211	ug/l	83
4) Vinyl Chloride	1.604	62	20719	5.721	ug/l	100
21) trans-1,2-Dichloroethene	3.346	96	721	0.241	ug/l #	75
27) cis-1,2-Dichloroethene	4.662	96	120542	36.233	ug/l	92
44) Trichloroethene	6.539	130	23306	7.069	ug/l	100

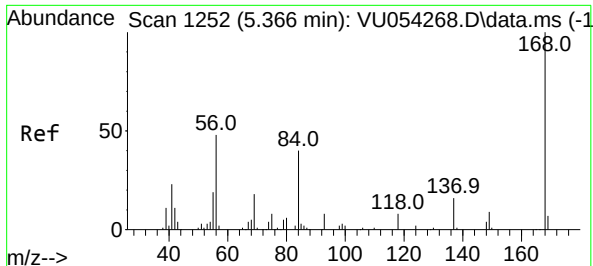
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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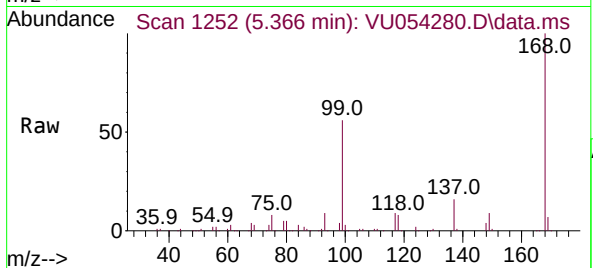
Quant Time: May 30 00:00:34 2023
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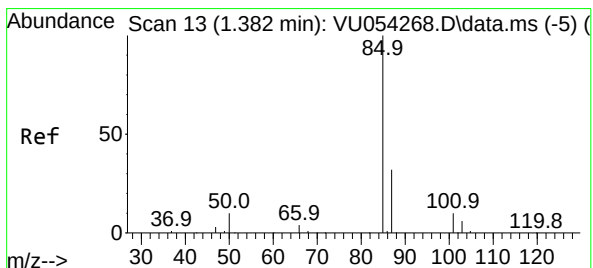
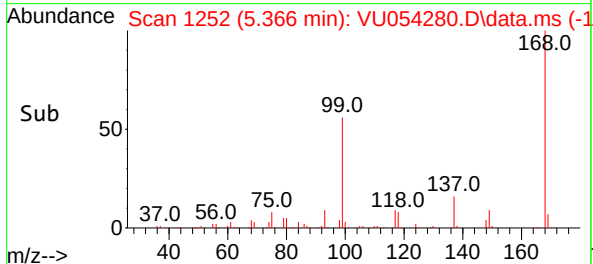
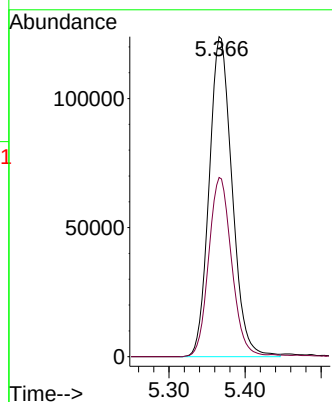


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.366 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU054280.D
Acq: 26 May 2023 13:04

Instrument :
MSVOA_U
ClientSampleId :
20BR-20230523

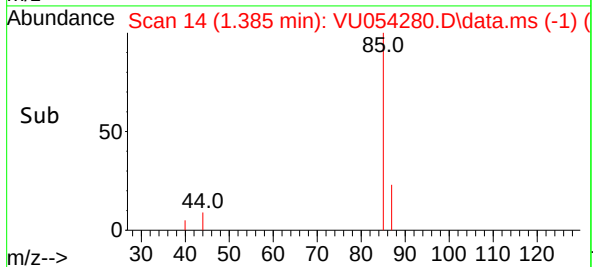
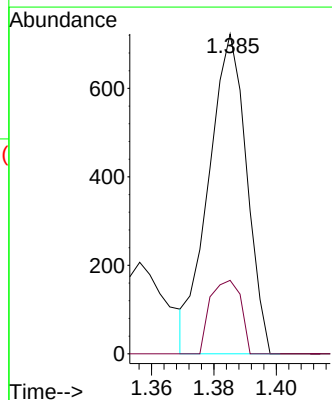
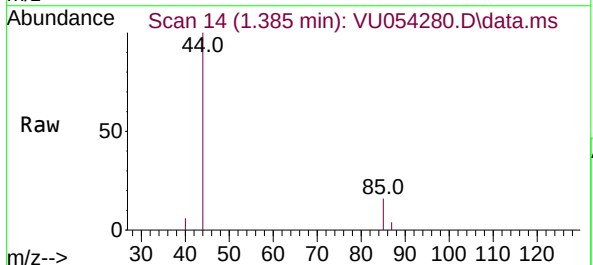


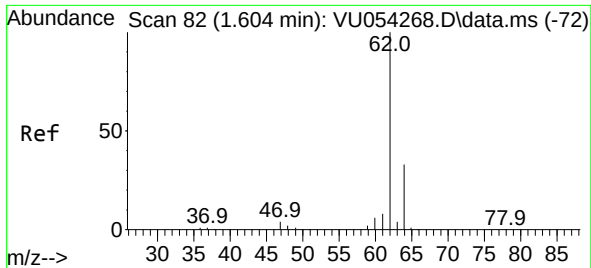
Tgt Ion:168 Resp: 259690
Ion Ratio Lower Upper
168 100
99 56.0 39.3 58.9



#2
Dichlorodifluoromethane
Concen: 0.211 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.003 min
Lab File: VU054280.D
Acq: 26 May 2023 13:04

Tgt Ion: 85 Resp: 611
Ion Ratio Lower Upper
85 100
87 23.0 16.4 49.2

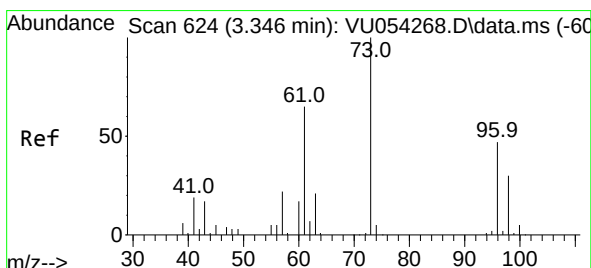
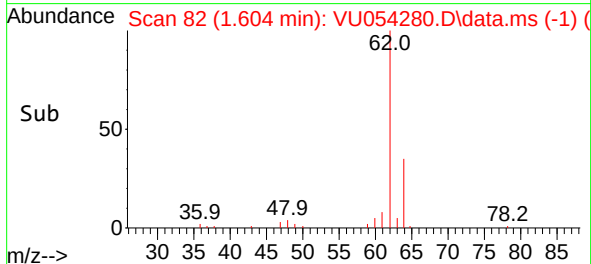
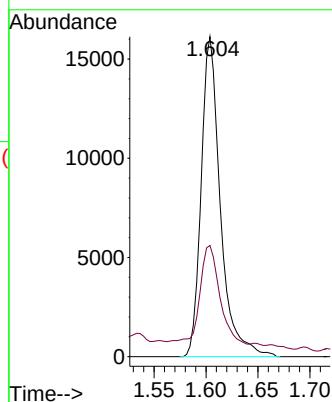
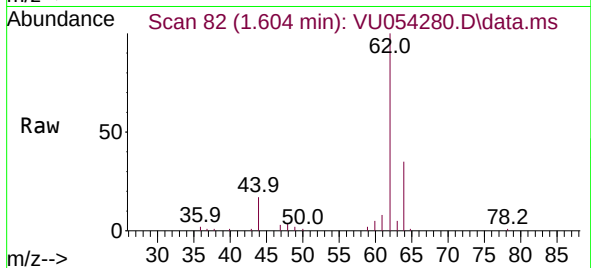




#4
 Vinyl Chloride
 Concen: 5.721 ug/l
 RT: 1.604 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU054280.D
 Acq: 26 May 2023 13:04

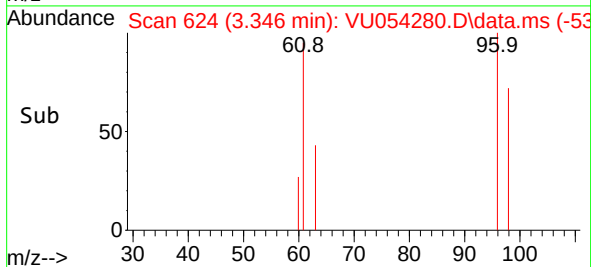
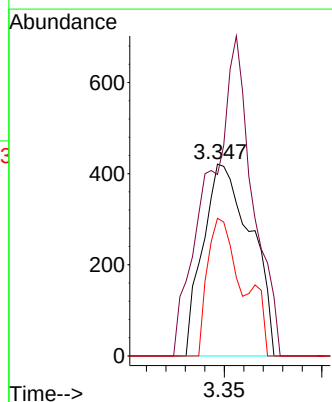
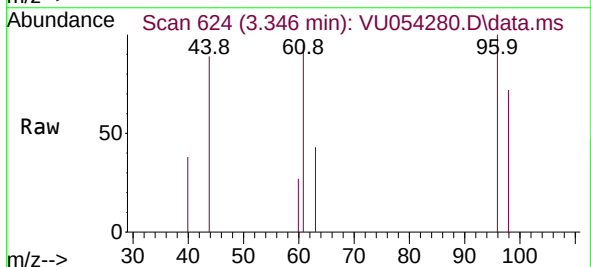
Instrument :
 MSVOA_U
 ClientSampleId :
 20BR-20230523

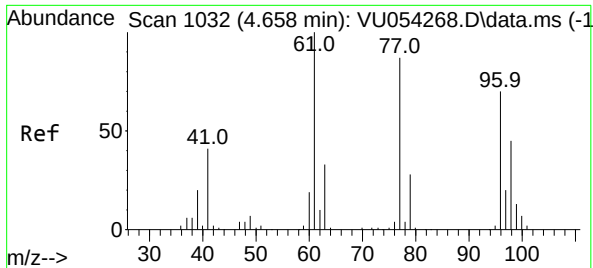
Tgt Ion: 62 Resp: 20719
 Ion Ratio Lower Upper
 62 100
 64 31.6 25.3 37.9



#21
 trans-1,2-Dichloroethene
 Concen: 0.241 ug/l
 RT: 3.346 min Scan# 624
 Delta R.T. 0.000 min
 Lab File: VU054280.D
 Acq: 26 May 2023 13:04

Tgt Ion: 96 Resp: 721
 Ion Ratio Lower Upper
 96 100
 61 94.5 106.1 159.1#
 98 71.7 50.8 76.2

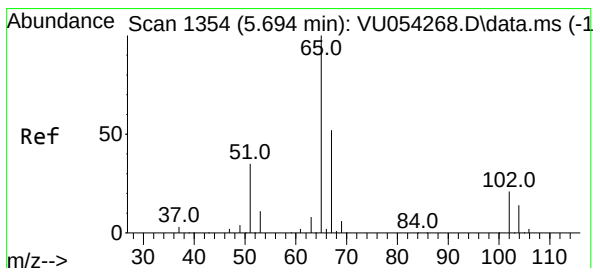
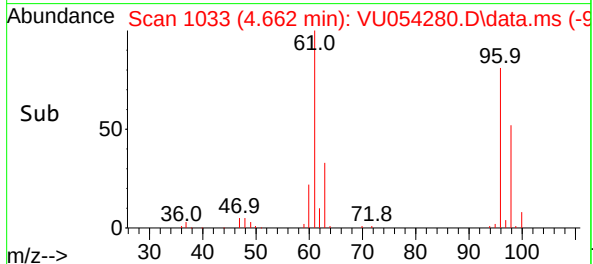
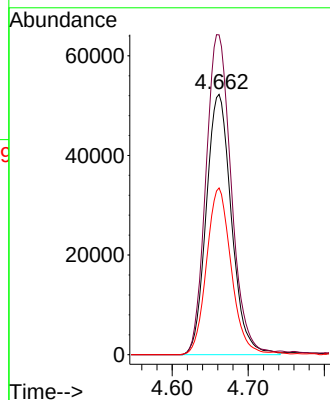
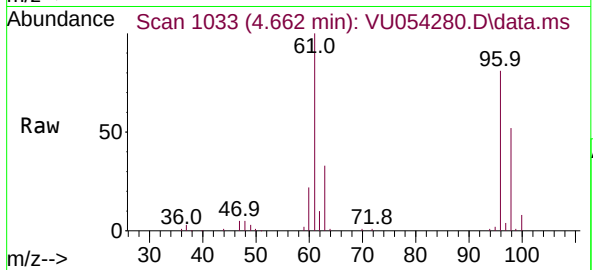




#27
 cis-1,2-Dichloroethene
 Concen: 36.233 ug/l
 RT: 4.662 min Scan# 1033
 Delta R.T. 0.004 min
 Lab File: VU054280.D
 Acq: 26 May 2023 13:04

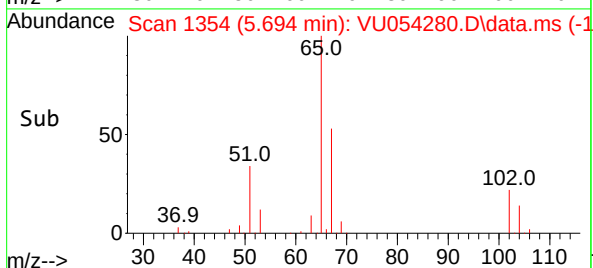
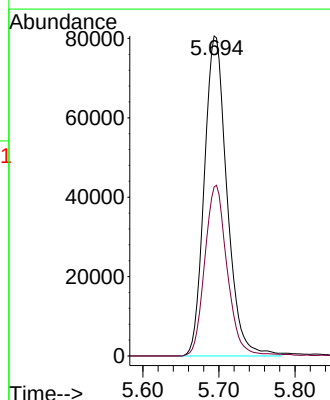
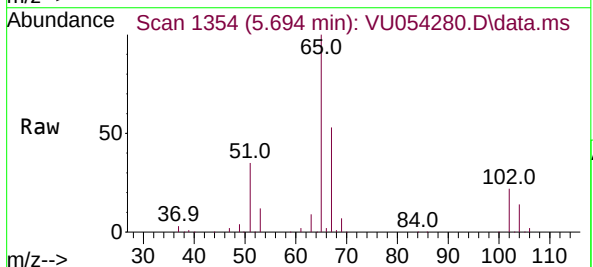
Instrument :
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 ClientSampleId :
 20BR-20230523

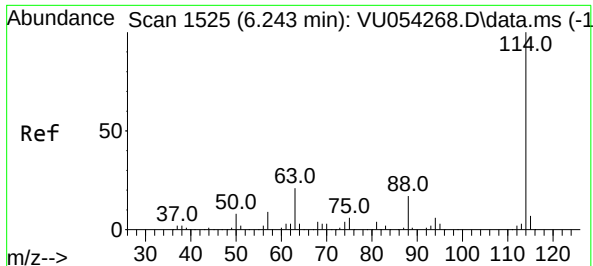
Tgt Ion: 96 Resp: 120542
 Ion Ratio Lower Upper
 96 100
 61 123.7 0.0 271.6
 98 62.6 0.0 128.2



#33
 1,2-Dichloroethane-d4
 Concen: 49.151 ug/l
 RT: 5.694 min Scan# 1354
 Delta R.T. -0.000 min
 Lab File: VU054280.D
 Acq: 26 May 2023 13:04

Tgt Ion: 65 Resp: 167322
 Ion Ratio Lower Upper
 65 100
 67 52.9 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: VU054280.D

Acq: 26 May 2023 13:04

Instrument :

MSVOA_U

ClientSampleId :

20BR-20230523

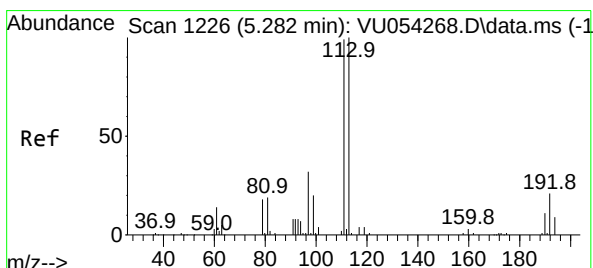
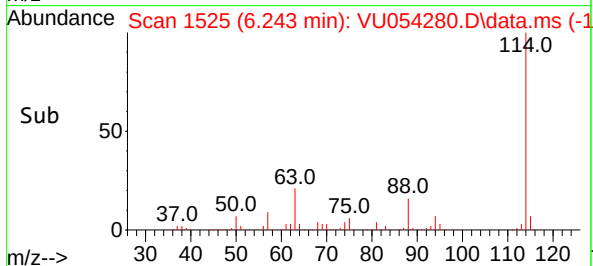
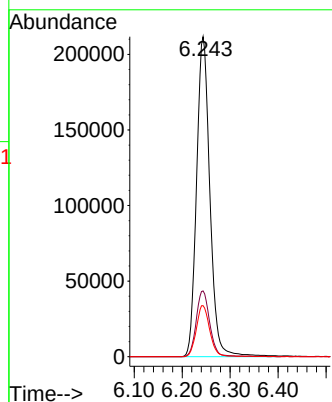
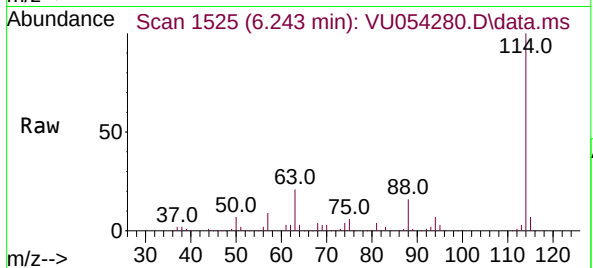
Tgt Ion:114 Resp: 408824

Ion Ratio Lower Upper

114 100

63 20.6 0.0 37.8

88 15.9 0.0 29.2



#35

Dibromofluoromethane

Concen: 51.767 ug/l

RT: 5.282 min Scan# 1226

Delta R.T. 0.000 min

Lab File: VU054280.D

Acq: 26 May 2023 13:04

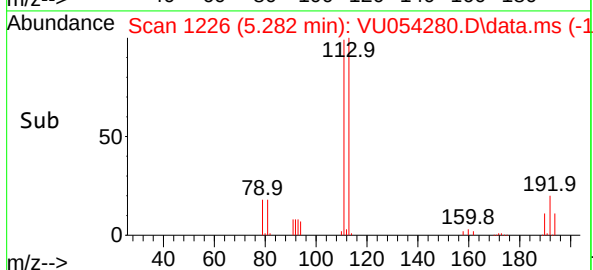
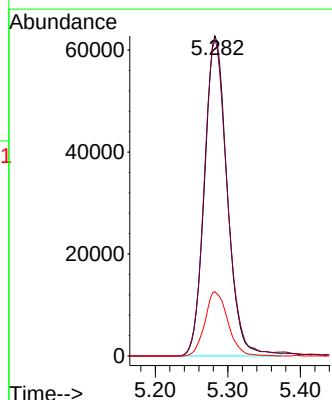
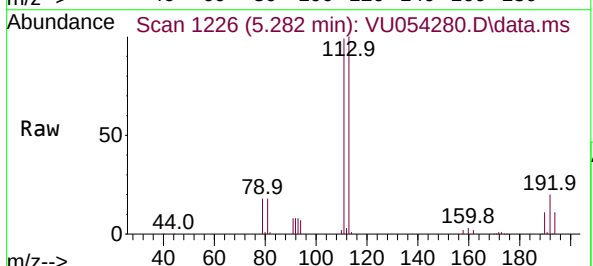
Tgt Ion:113 Resp: 136290

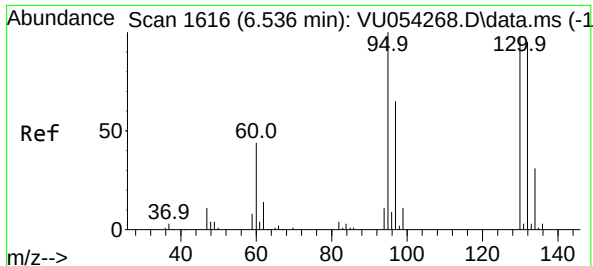
Ion Ratio Lower Upper

113 100

111 100.1 82.1 123.1

192 20.3 18.0 27.0

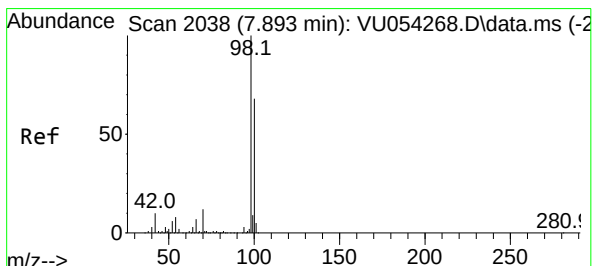
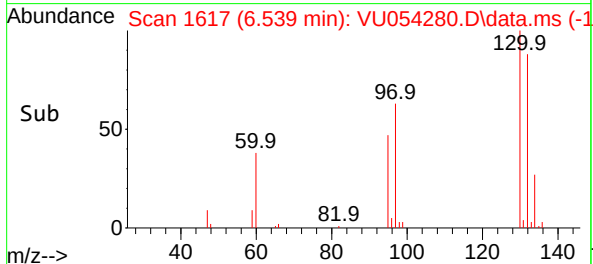
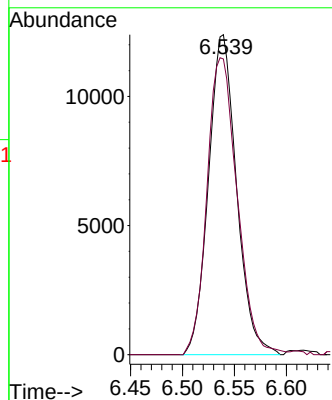
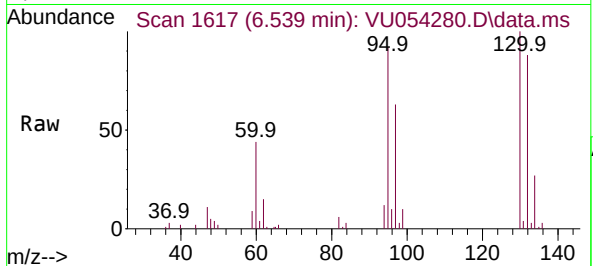




#44
Trichloroethene
Concen: 7.069 ug/l
RT: 6.539 min Scan# 1617
Delta R.T. 0.003 min
Lab File: VU054280.D
Acq: 26 May 2023 13:04

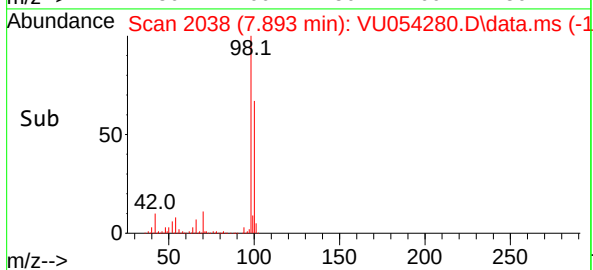
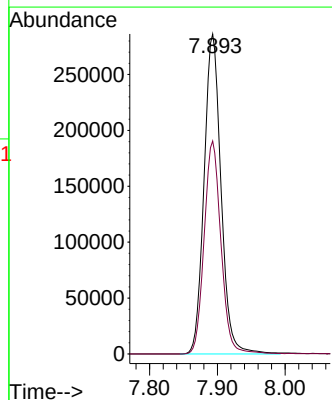
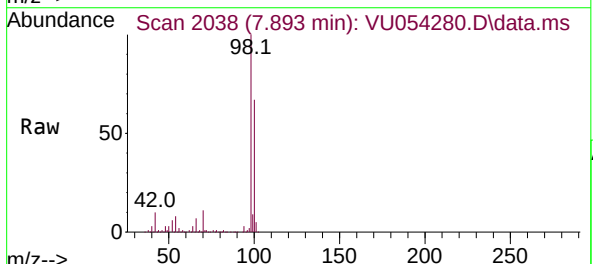
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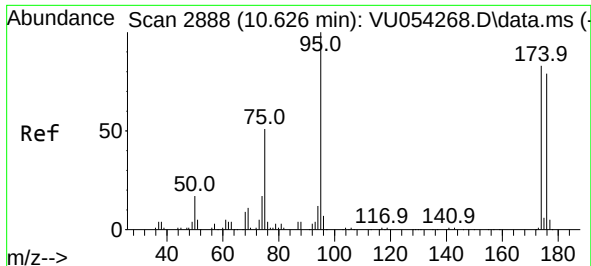
Tgt Ion:130 Resp: 23306
Ion Ratio Lower Upper
130 100
95 92.4 0.0 184.6



#50
Toluene-d8
Concen: 49.807 ug/l
RT: 7.893 min Scan# 2038
Delta R.T. -0.000 min
Lab File: VU054280.D
Acq: 26 May 2023 13:04

Tgt Ion: 98 Resp: 498775
Ion Ratio Lower Upper
98 100
100 65.9 51.7 77.5

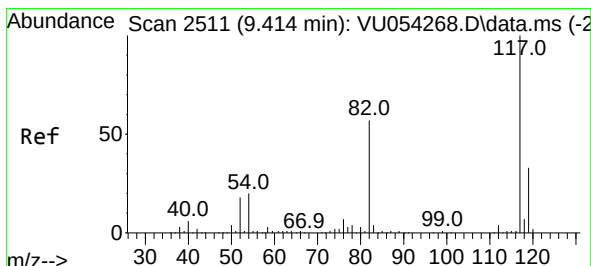
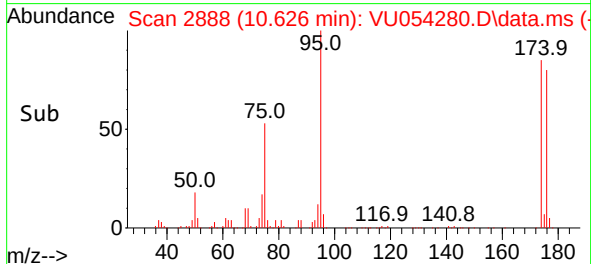
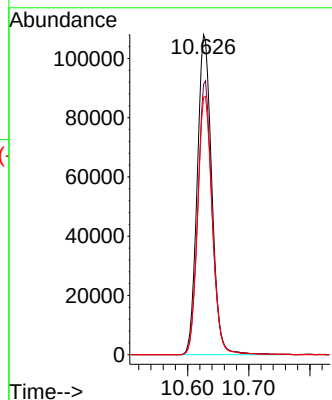
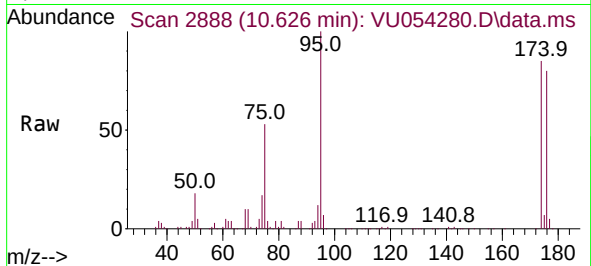




#62
4-Bromofluorobenzene
Concen: 45.992 ug/l
RT: 10.626 min Scan# 2110
Delta R.T. -0.000 min
Lab File: VU054280.D
Acq: 26 May 2023 13:04

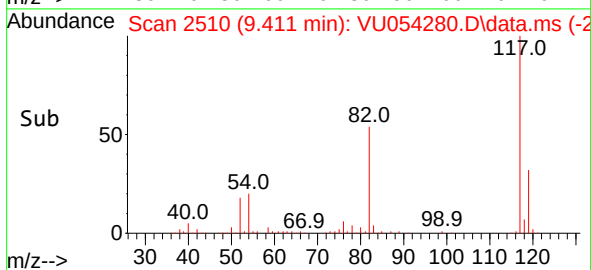
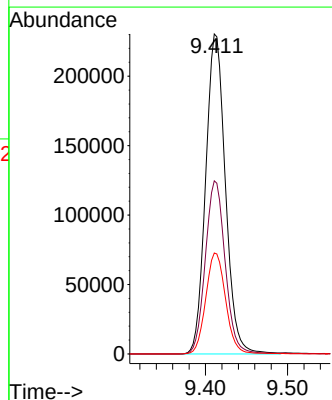
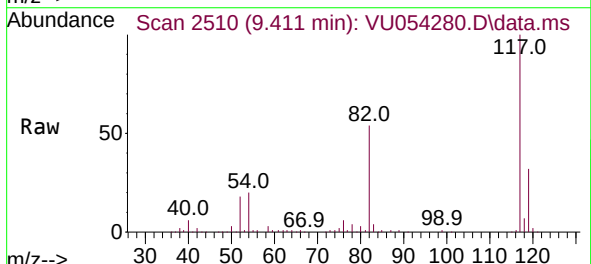
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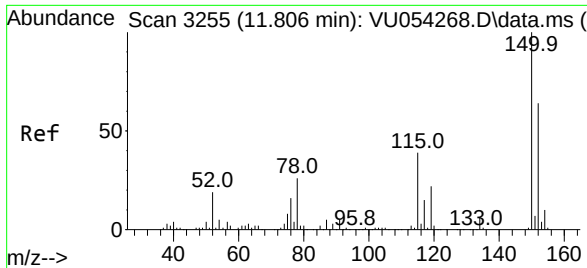
Tgt Ion: 95 Resp: 178581
Ion Ratio Lower Upper
95 100
174 83.6 0.0 182.0
176 81.0 0.0 177.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.411 min Scan# 2510
Delta R.T. -0.003 min
Lab File: VU054280.D
Acq: 26 May 2023 13:04

Tgt Ion: 117 Resp: 385864
Ion Ratio Lower Upper
117 100
82 54.1 41.7 62.5
119 31.6 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: VU054280.D

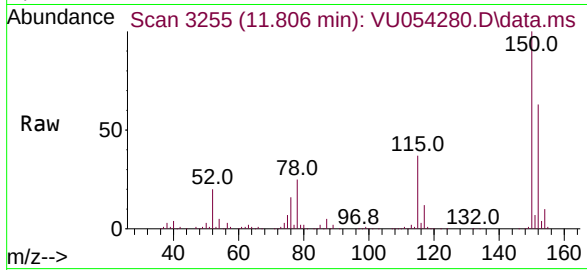
Acq: 26 May 2023 13:04

Instrument :

MSVOA_U

ClientSampleId :

20BR-20230523



Tgt Ion:152 Resp: 191882

Ion Ratio Lower Upper

152 100

115 59.4 37.0 110.9

150 158.6 0.0 342.2

