

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052623\
 Data File : VU054282.D
 Acq On : 26 May 2023 13:51
 Operator : JC/MD
 Sample : 02936-08 100X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 56BR-20230524

Quant Time: May 30 00:01:12 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)

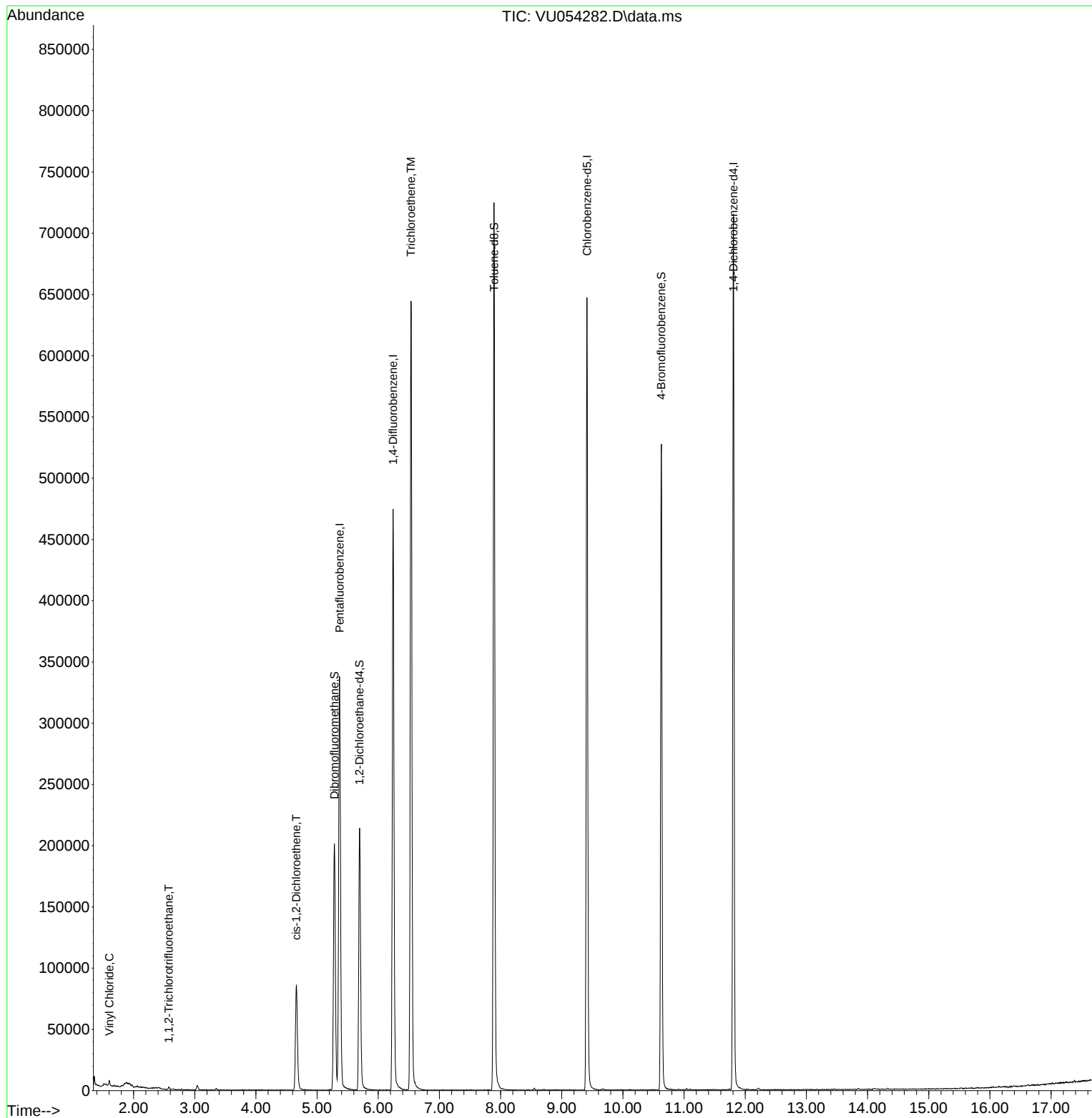
Internal Standards						
1) Pentafluorobenzene	5.369	168	246295	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.243	114	399339	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.414	117	377766	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.806	152	195611	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.694	65	160658	49.760	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.520%
35) Dibromofluoromethane	5.282	113	131495	51.132	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.260%
50) Toluene-d8	7.893	98	486754	49.761	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.520%
62) 4-Bromofluorobenzene	10.629	95	175719	46.330	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.660%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.604	62	2695	0.785	ug/l #	76
9) 1,1,2-Trichlorotrifluo...	2.575	101	722	0.282	ug/l	95
27) cis-1,2-Dichloroethene	4.661	96	46774	14.824	ug/l	95
44) Trichloroethene	6.536	130	227909	70.765	ug/l	93

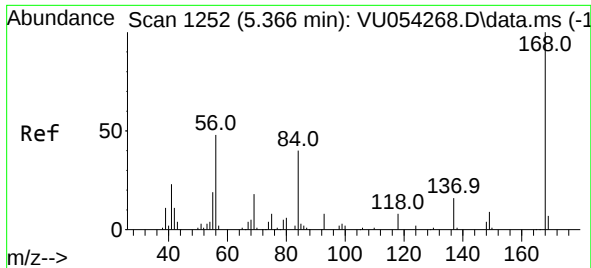
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 30 00:01:12 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052523W.M
Quant Title : SW846 8260
QLast Update : Fri May 26 06:40:51 2023
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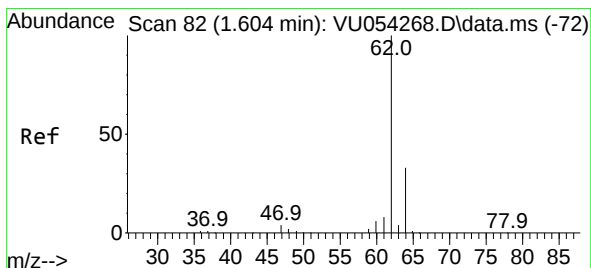
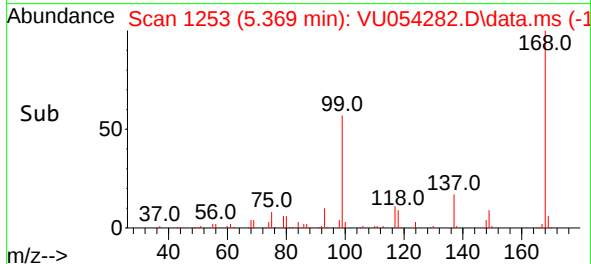
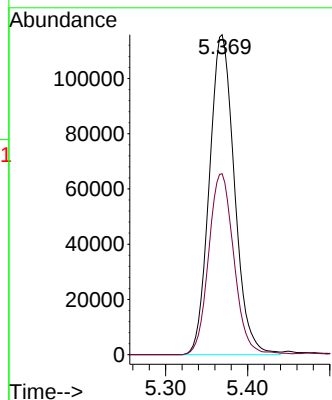
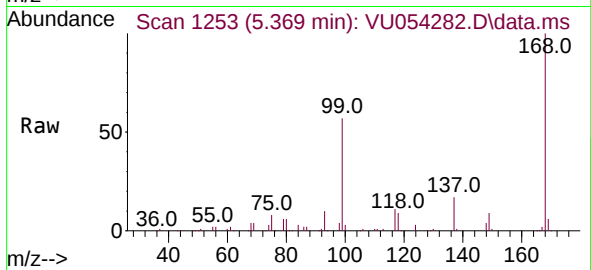




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.369 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU054282.D
Acq: 26 May 2023 13:51

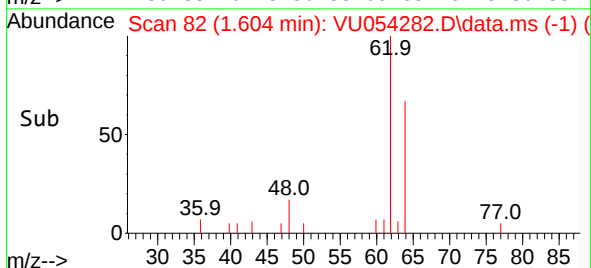
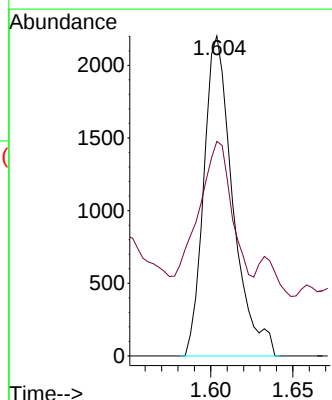
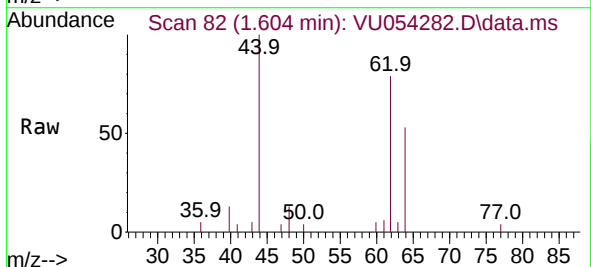
Instrument :
MSVOA_U
ClientSampleId :
56BR-20230524

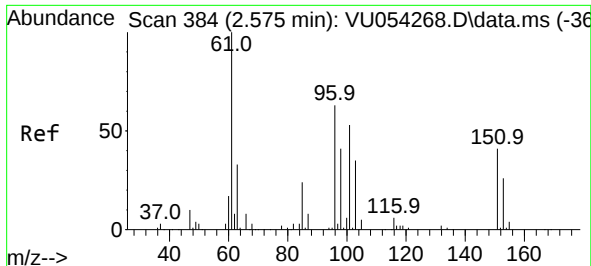
Tgt Ion:168 Resp: 246295
Ion Ratio Lower Upper
168 100
99 56.6 39.3 58.9



#4
Vinyl Chloride
Concen: 0.785 ug/l
RT: 1.604 min Scan# 82
Delta R.T. -0.000 min
Lab File: VU054282.D
Acq: 26 May 2023 13:51

Tgt Ion: 62 Resp: 2695
Ion Ratio Lower Upper
62 100
64 44.7 25.3 37.9#

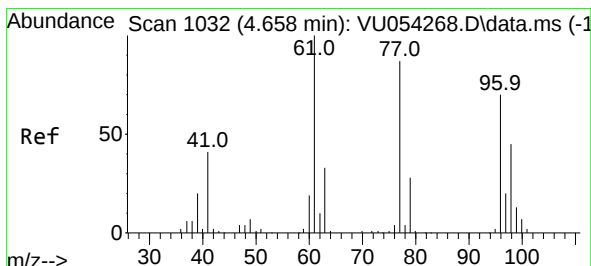
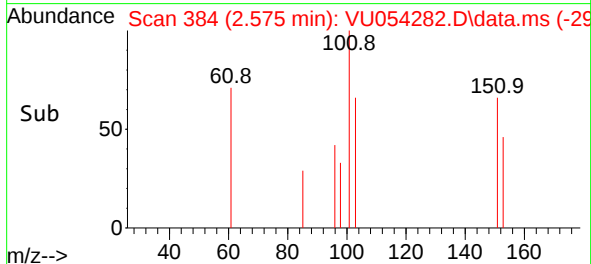
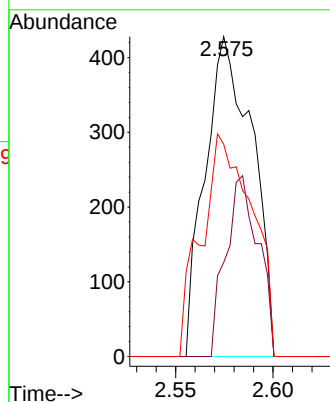
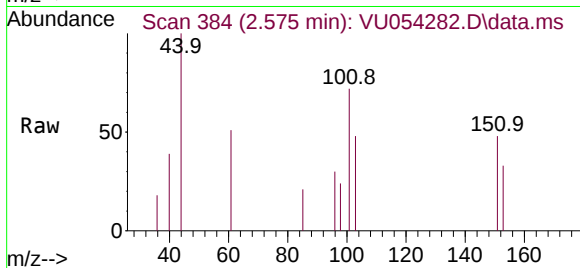




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.282 ug/l
RT: 2.575 min Scan# 384
Delta R.T. -0.000 min
Lab File: VU054282.D
Acq: 26 May 2023 13:51

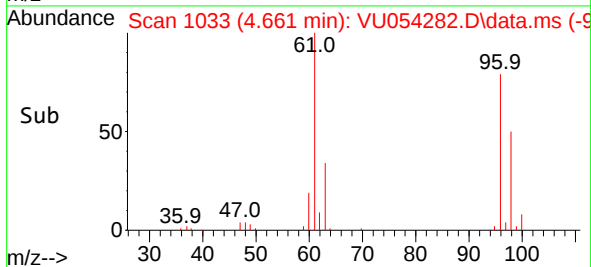
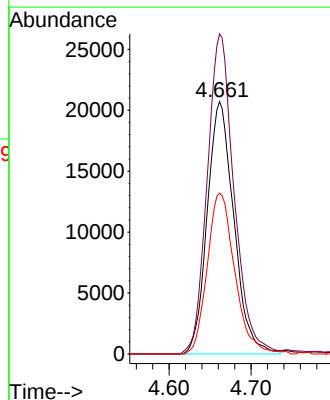
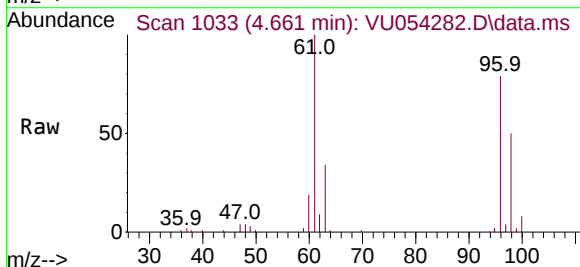
Instrument :
MSVOA_U
ClientSampleId :
56BR-20230524

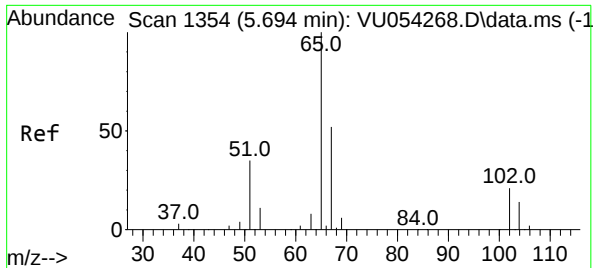
Tgt Ion:	101	Resp:	722
Ion	Ratio	Lower	Upper
101	100		
85	38.9	33.9	50.9
151	75.2	64.0	96.0



#27
cis-1,2-Dichloroethene
Concen: 14.824 ug/l
RT: 4.661 min Scan# 1033
Delta R.T. 0.003 min
Lab File: VU054282.D
Acq: 26 May 2023 13:51

Tgt Ion:	96	Resp:	46774
Ion	Ratio	Lower	Upper
96	100		
61	127.7	0.0	271.6
98	65.8	0.0	128.2





#33

1,2-Dichloroethane-d4

Concen: 49.760 ug/l

RT: 5.694 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU054282.D

Acq: 26 May 2023 13:51

Instrument :

MSVOA_U

ClientSampleId :

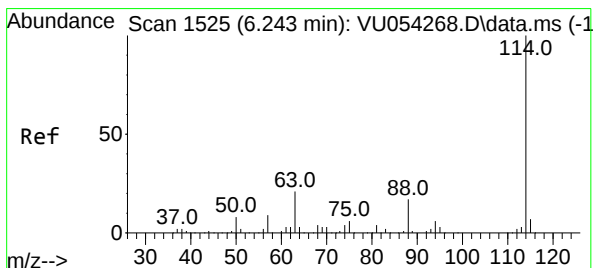
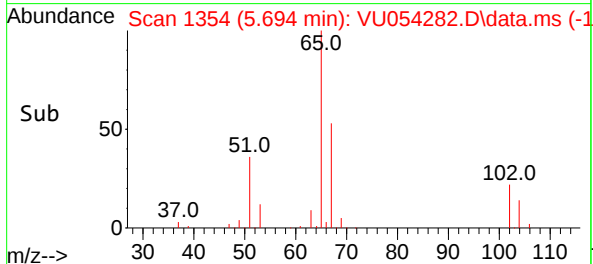
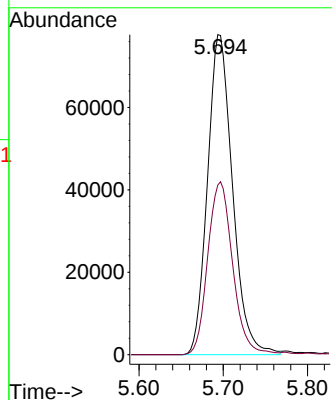
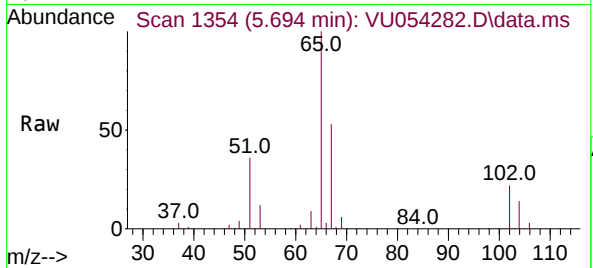
56BR-20230524

Tgt Ion: 65 Resp: 160658

Ion Ratio Lower Upper

65 100

67 53.7 0.0 108.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.243 min Scan# 1525

Delta R.T. 0.000 min

Lab File: VU054282.D

Acq: 26 May 2023 13:51

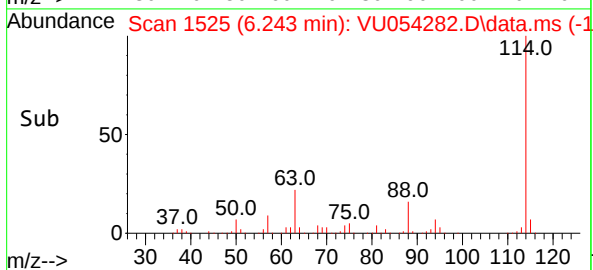
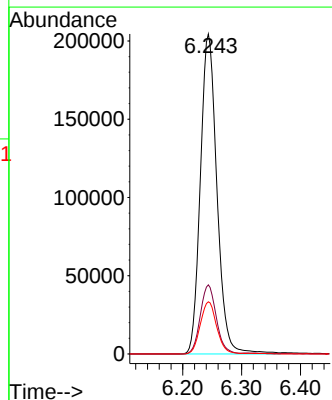
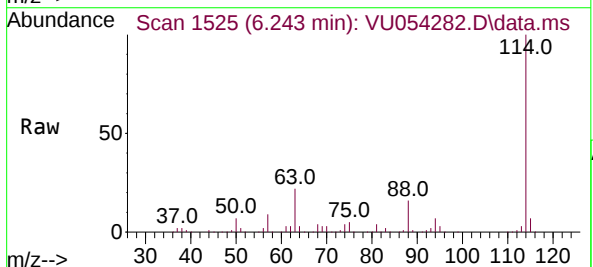
Tgt Ion: 114 Resp: 399339

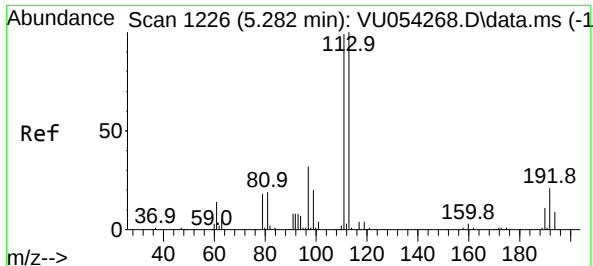
Ion Ratio Lower Upper

114 100

63 21.6 0.0 37.8

88 16.3 0.0 29.2

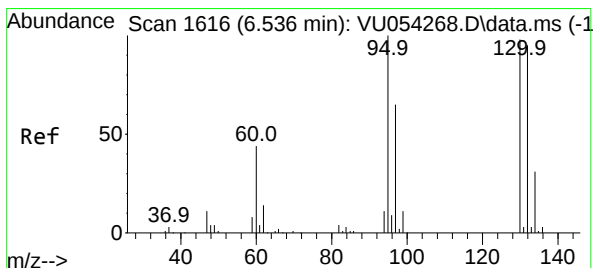
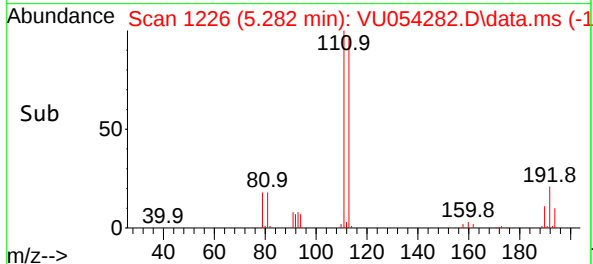
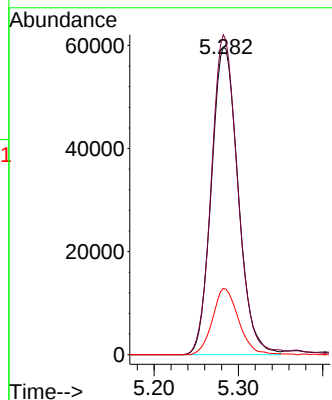
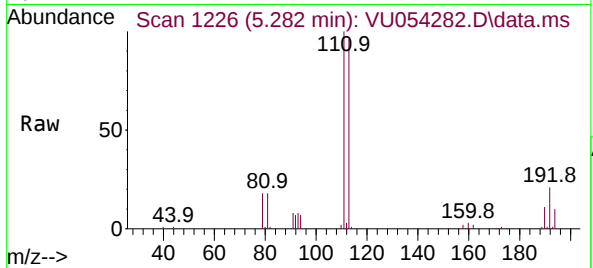




#35
Dibromofluoromethane
Concen: 51.132 ug/l
RT: 5.282 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU054282.D
Acq: 26 May 2023 13:51

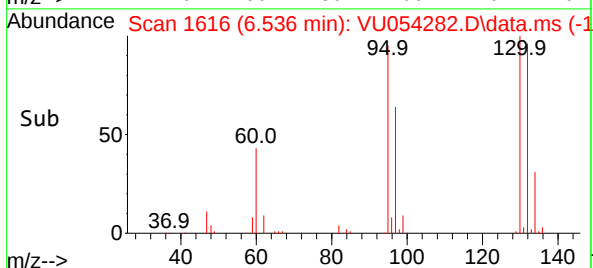
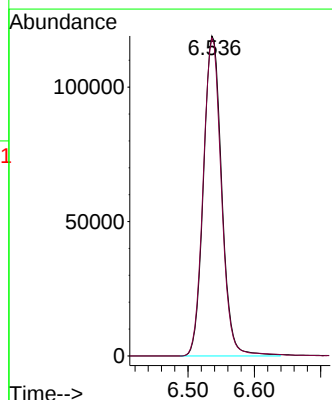
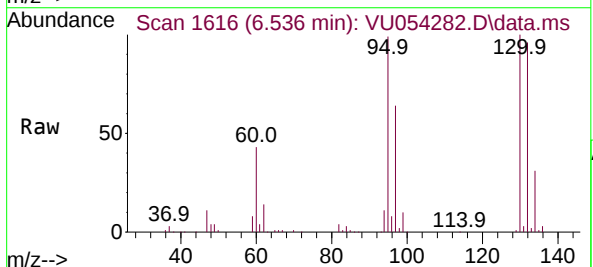
Instrument :
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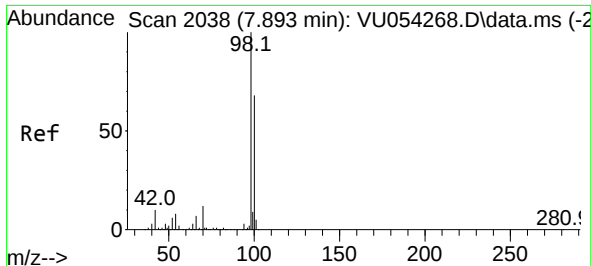
Tgt Ion:113 Resp: 131495
Ion Ratio Lower Upper
113 100
111 102.3 82.1 123.1
192 21.0 18.0 27.0



#44
Trichloroethene
Concen: 70.765 ug/l
RT: 6.536 min Scan# 1616
Delta R.T. -0.000 min
Lab File: VU054282.D
Acq: 26 May 2023 13:51

Tgt Ion:130 Resp: 227909
Ion Ratio Lower Upper
130 100
95 99.3 0.0 184.6

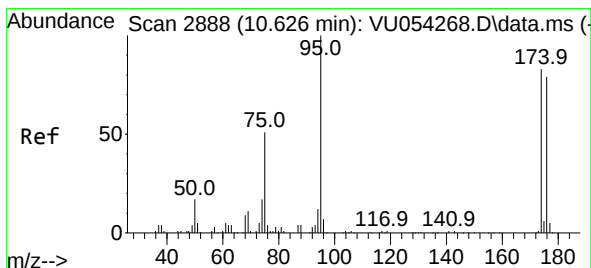
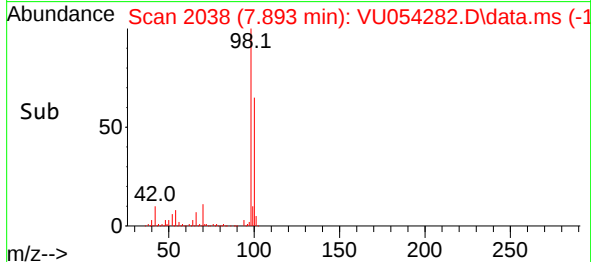
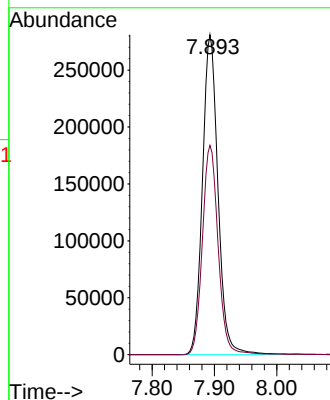
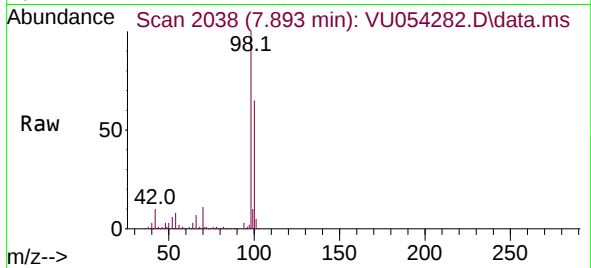




#50
Toluene-d8
Concen: 49.761 ug/l
RT: 7.893 min Scan# 2038
Delta R.T. -0.000 min
Lab File: VU054282.D
Acq: 26 May 2023 13:51

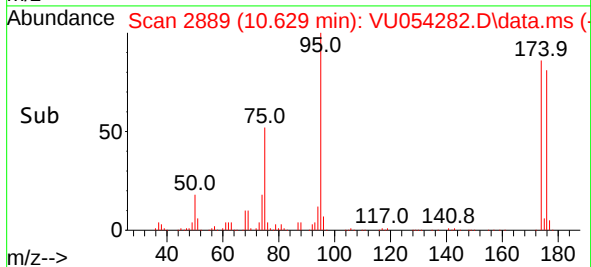
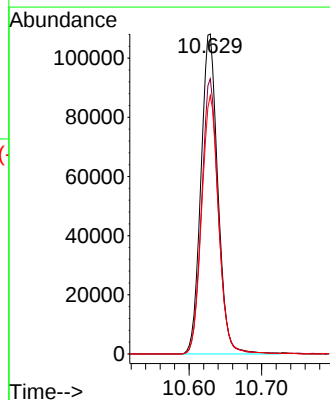
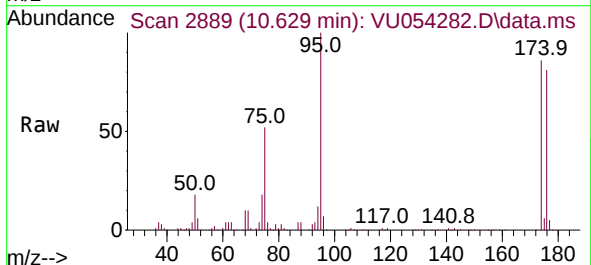
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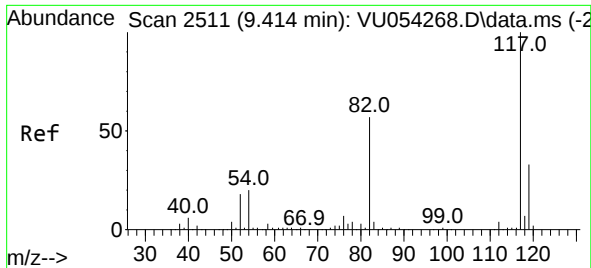
Tgt Ion: 98 Resp: 486754
Ion Ratio Lower Upper
98 100
100 66.2 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 46.330 ug/l
RT: 10.629 min Scan# 2889
Delta R.T. 0.003 min
Lab File: VU054282.D
Acq: 26 May 2023 13:51

Tgt Ion: 95 Resp: 175719
Ion Ratio Lower Upper
95 100
174 84.6 0.0 182.0
176 81.0 0.0 177.8

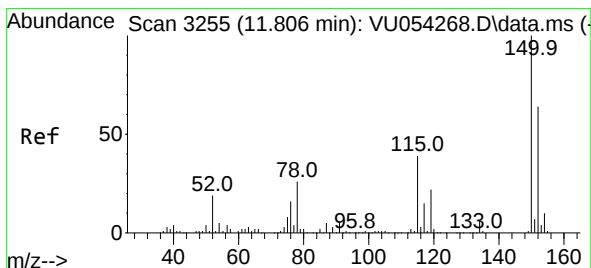
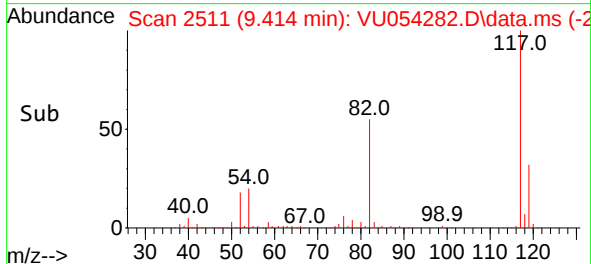
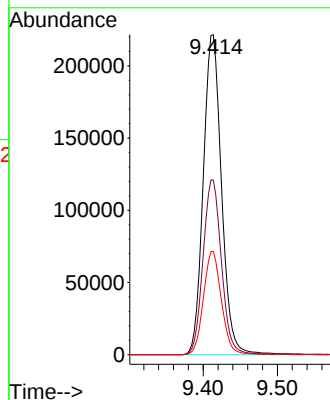
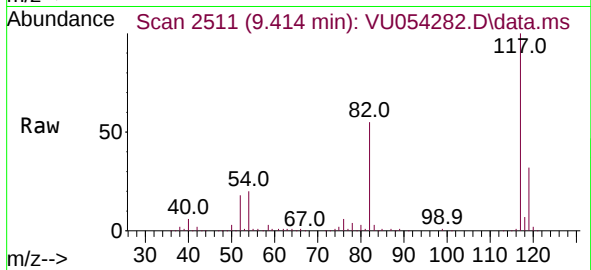




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.414 min Scan# 2511
Delta R.T. -0.000 min
Lab File: VU054282.D
Acq: 26 May 2023 13:51

Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion:117 Resp: 377766
Ion Ratio Lower Upper
117 100
82 54.6 41.7 62.5
119 32.3 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.806 min Scan# 3255
Delta R.T. -0.000 min
Lab File: VU054282.D
Acq: 26 May 2023 13:51

Tgt Ion:152 Resp: 195611
Ion Ratio Lower Upper
152 100
115 57.1 37.0 110.9
150 153.9 0.0 342.2

