

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052623\
 Data File : VU054289.D
 Acq On : 26 May 2023 16:37
 Operator : JC/MD
 Sample : 02936-11DL 5X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 8BR-20230524DL

Quant Time: May 30 00:03:28 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)

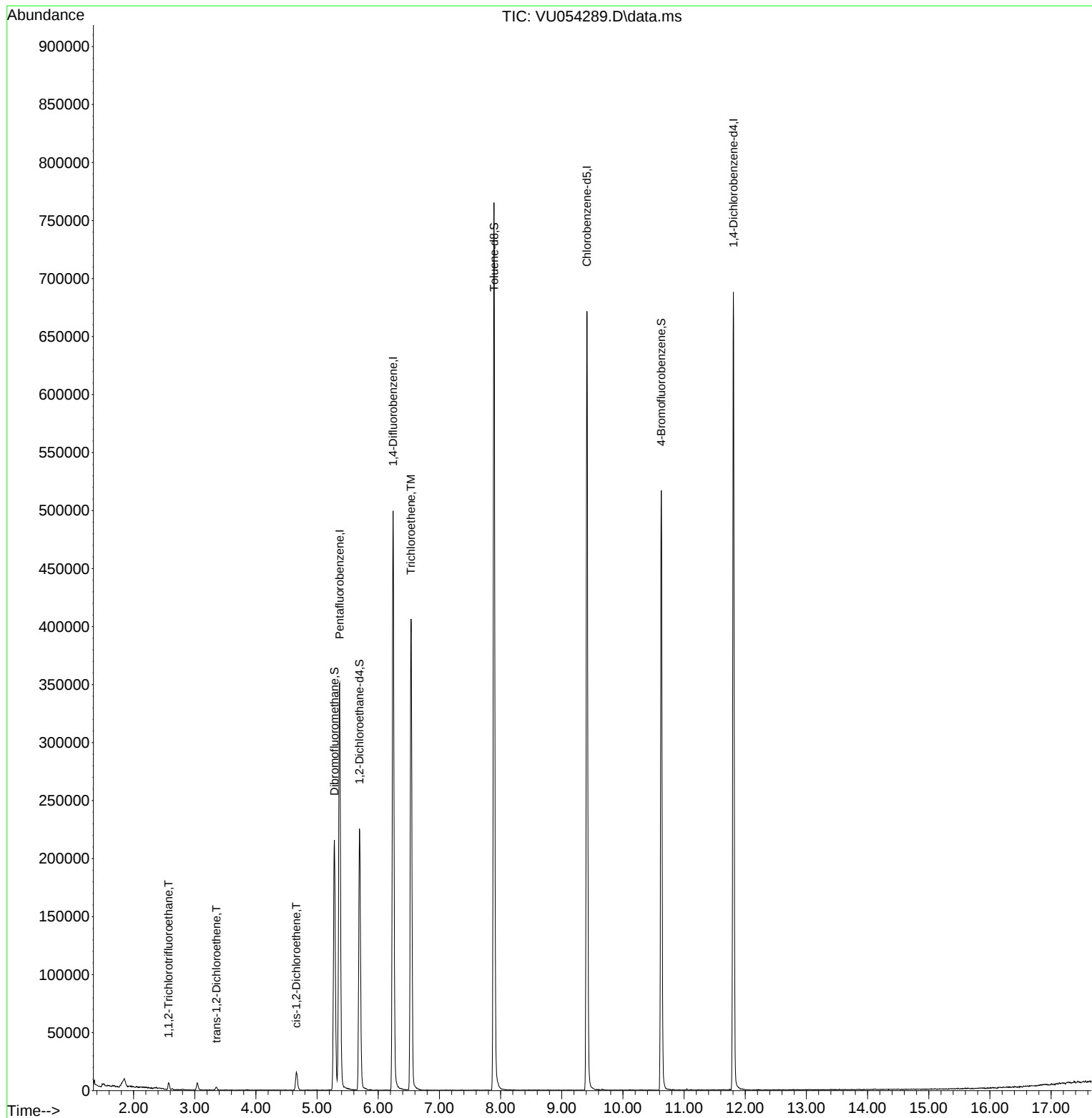
Internal Standards						
1) Pentafluorobenzene	5.369	168	259231	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.243	114	418868	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.410	117	381942	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.806	152	187647	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.694	65	171299	50.408	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 100.820%	
35) Dibromofluoromethane	5.282	113	138593	51.380	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.760%	
50) Toluene-d8	7.893	98	513139	50.013	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 100.020%	
62) 4-Bromofluorobenzene	10.629	95	174402	43.838	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 87.680%	
Target Compounds						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.571	101	2486	0.923	ug/l	96
21) trans-1,2-Dichloroethene	3.353	96	1258	0.421	ug/l	83
27) cis-1,2-Dichloroethene	4.661	96	8931	2.689	ug/l	94
44) Trichloroethene	6.536	130	143921	42.603	ug/l	91

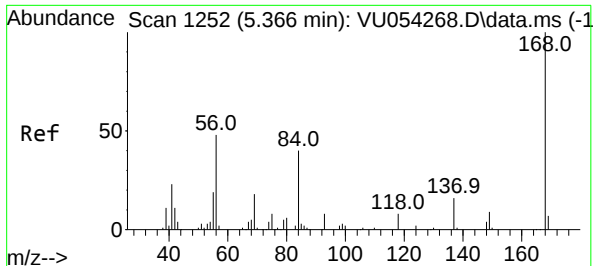
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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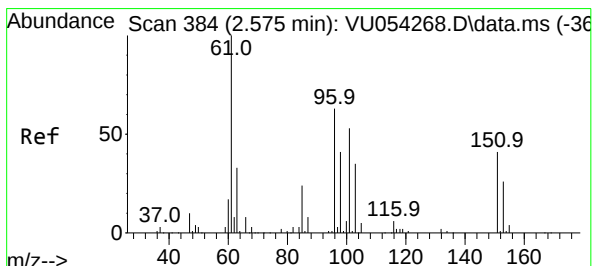
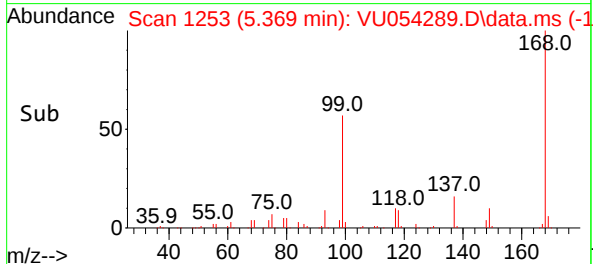
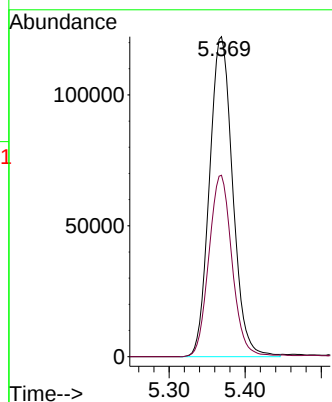
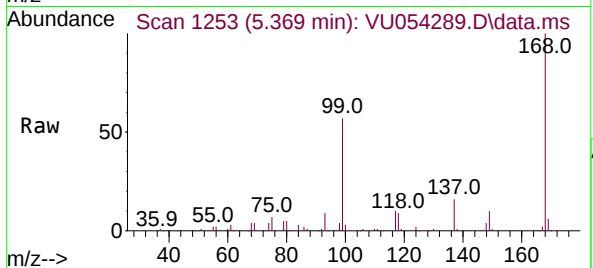




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.369 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU054289.D
Acq: 26 May 2023 16:37

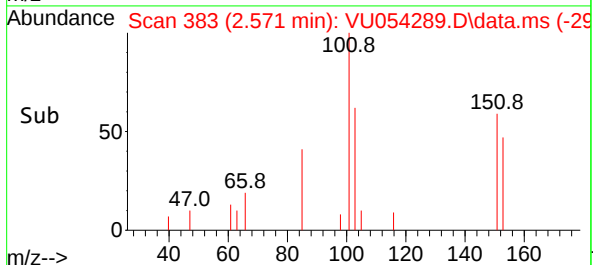
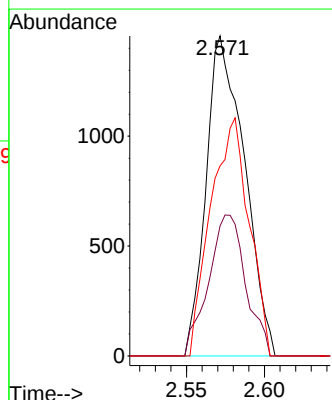
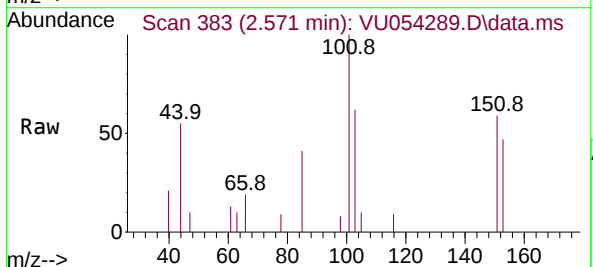
Instrument :
MSVOA_U
ClientSampleId :
8BR-20230524DL

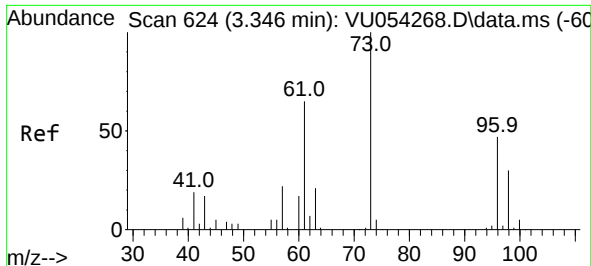
Tgt Ion:168 Resp: 259231
Ion Ratio Lower Upper
168 100
99 56.7 39.3 58.9



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.923 ug/l
RT: 2.571 min Scan# 383
Delta R.T. -0.004 min
Lab File: VU054289.D
Acq: 26 May 2023 16:37

Tgt Ion:101 Resp: 2486
Ion Ratio Lower Upper
101 100
85 42.9 33.9 50.9
151 74.5 64.0 96.0

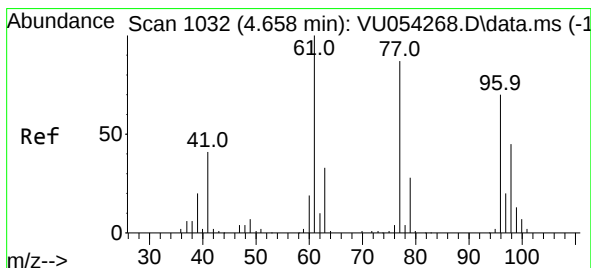
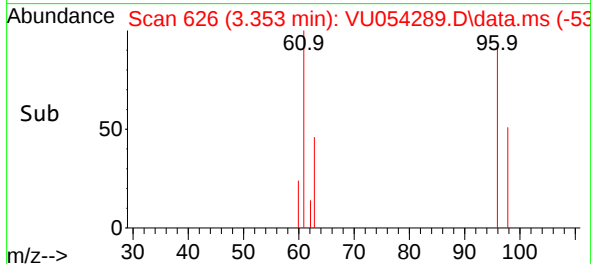
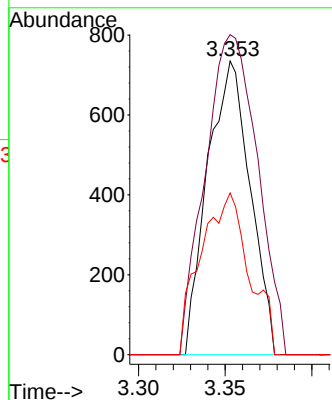
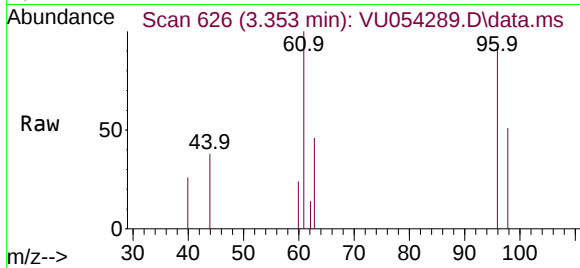




#21
trans-1,2-Dichloroethene
Concen: 0.421 ug/l
RT: 3.353 min Scan# 61
Delta R.T. 0.007 min
Lab File: VU054289.D
Acq: 26 May 2023 16:37

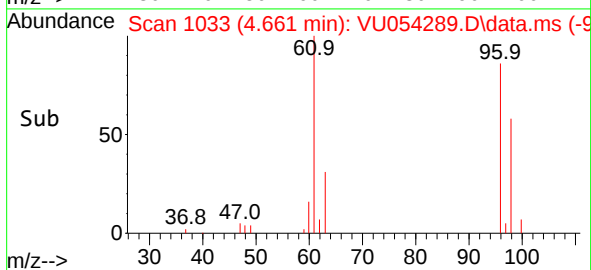
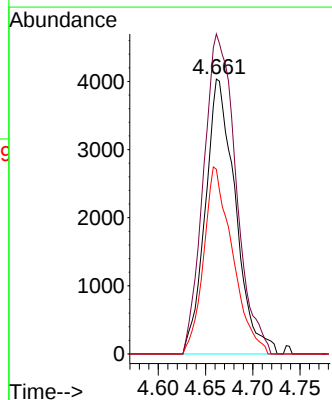
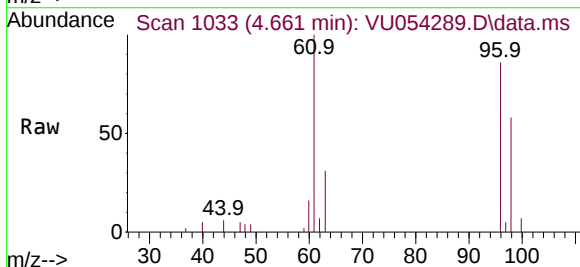
Instrument :
MSVOA_U
ClientSampleId :
8BR-20230524DL

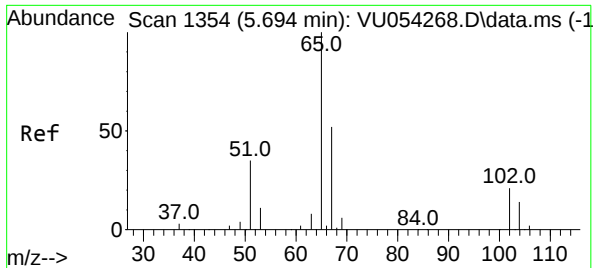
Tgt Ion: 96 Resp: 1258
Ion Ratio Lower Upper
96 100
61 109.0 106.1 159.1
98 55.1 50.8 76.2



#27
cis-1,2-Dichloroethene
Concen: 2.689 ug/l
RT: 4.661 min Scan# 1033
Delta R.T. 0.003 min
Lab File: VU054289.D
Acq: 26 May 2023 16:37

Tgt Ion: 96 Resp: 8931
Ion Ratio Lower Upper
96 100
61 125.4 0.0 271.6
98 65.1 0.0 128.2





#33

1,2-Dichloroethane-d4

Concen: 50.408 ug/l

RT: 5.694 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU054289.D

Acq: 26 May 2023 16:37

Instrument :

MSVOA_U

ClientSampleId :

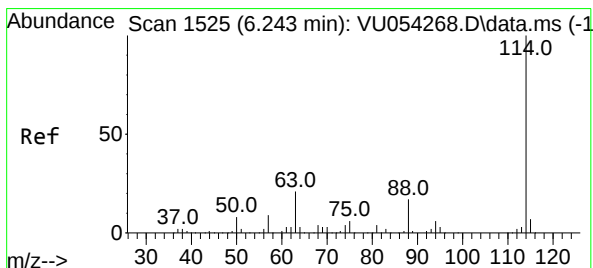
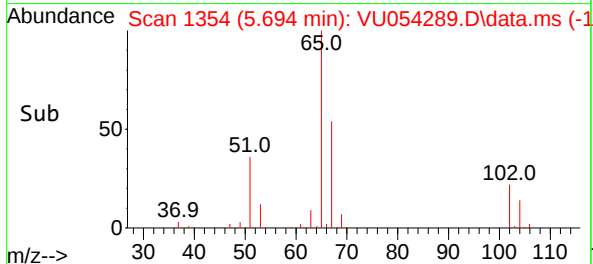
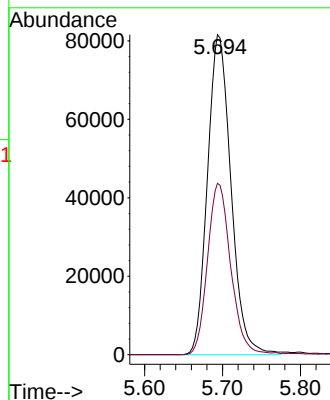
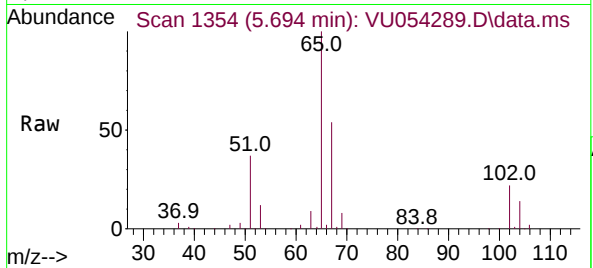
8BR-20230524DL

Tgt Ion: 65 Resp: 171299

Ion Ratio Lower Upper

65 100

67 52.7 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: VU054289.D

Acq: 26 May 2023 16:37

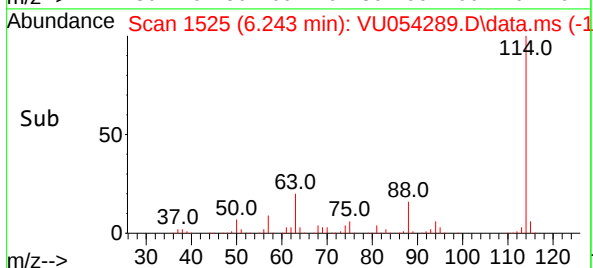
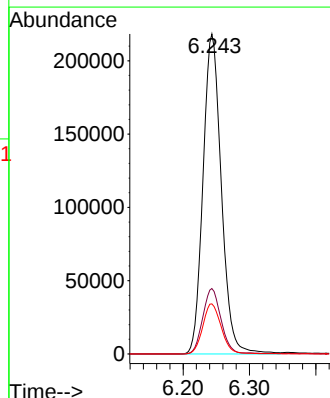
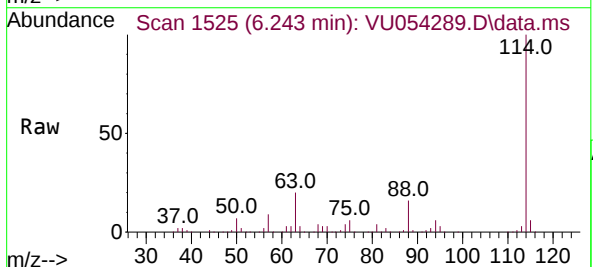
Tgt Ion: 114 Resp: 418868

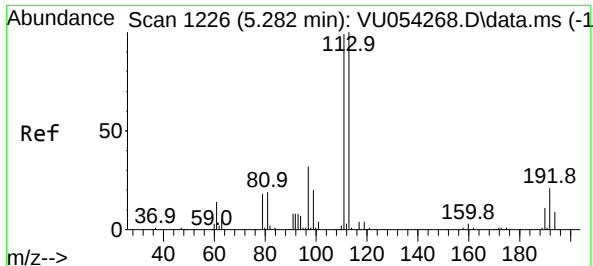
Ion Ratio Lower Upper

114 100

63 20.5 0.0 37.8

88 15.7 0.0 29.2

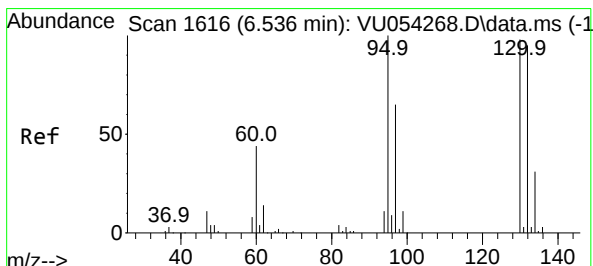
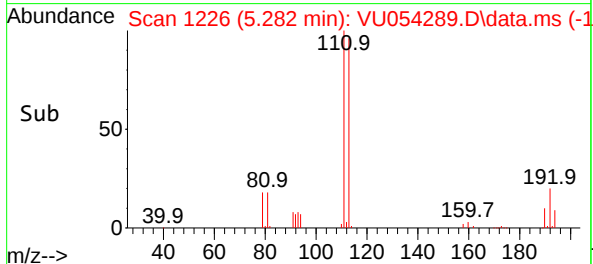
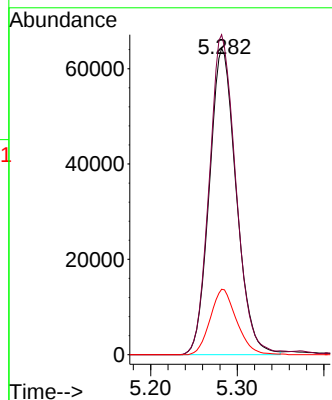
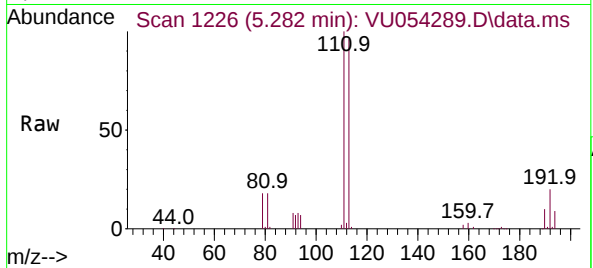




#35
Dibromofluoromethane
Concen: 51.380 ug/l
RT: 5.282 min Scan# 1113
Delta R.T. -0.000 min
Lab File: VU054289.D
Acq: 26 May 2023 16:37

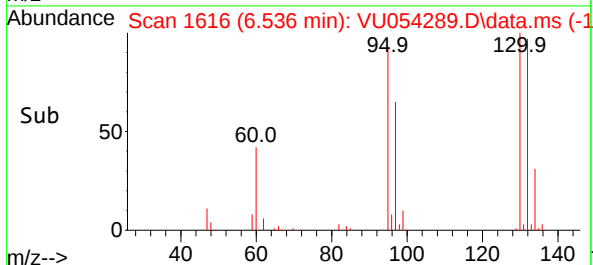
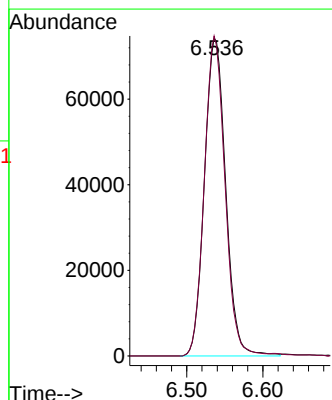
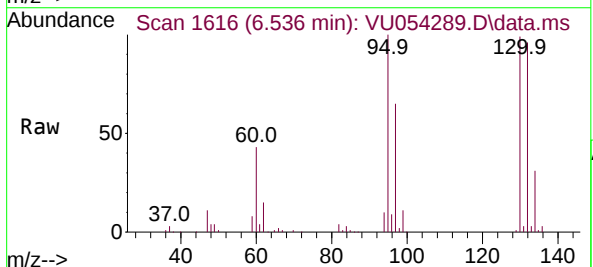
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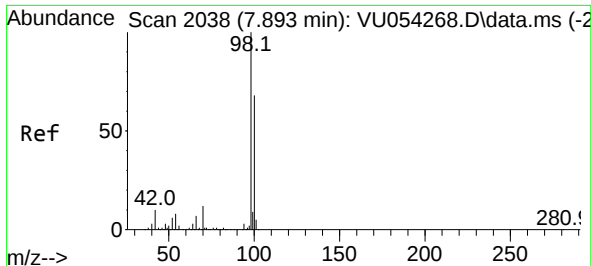
Tgt Ion:113 Resp: 138593
Ion Ratio Lower Upper
113 100
111 103.4 82.1 123.1
192 21.0 18.0 27.0



#44
Trichloroethene
Concen: 42.603 ug/l
RT: 6.536 min Scan# 1616
Delta R.T. -0.000 min
Lab File: VU054289.D
Acq: 26 May 2023 16:37

Tgt Ion:130 Resp: 143921
Ion Ratio Lower Upper
130 100
95 100.6 0.0 184.6

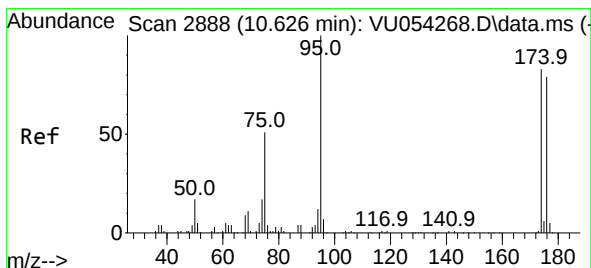
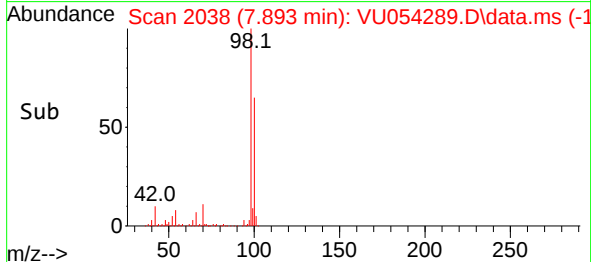
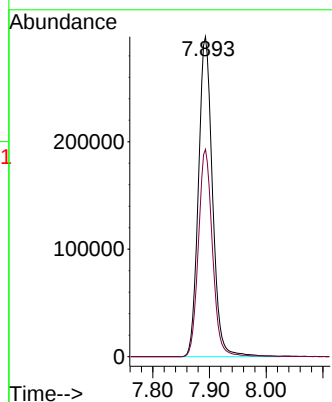
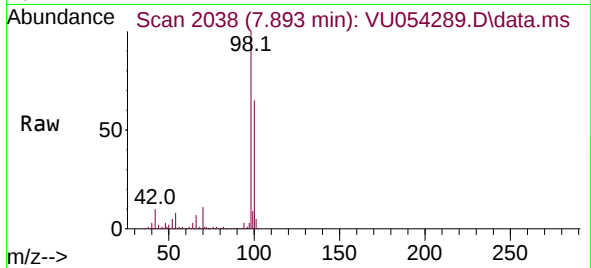




#50
Toluene-d8
Concen: 50.013 ug/l
RT: 7.893 min Scan# 2038
Delta R.T. -0.000 min
Lab File: VU054289.D
Acq: 26 May 2023 16:37

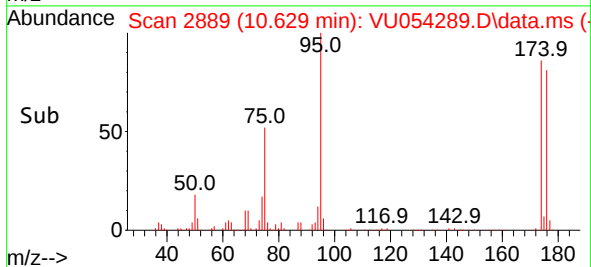
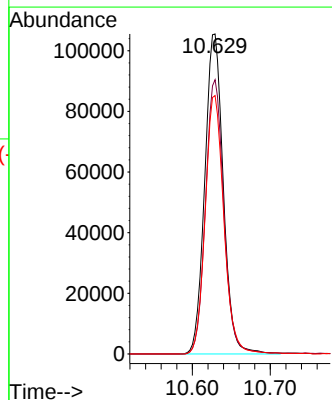
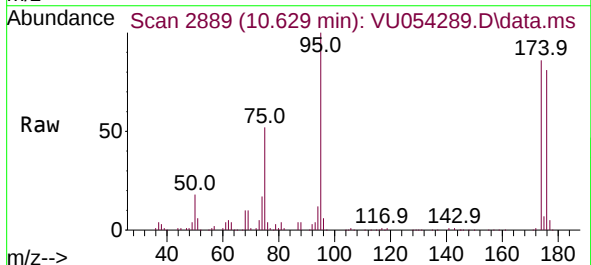
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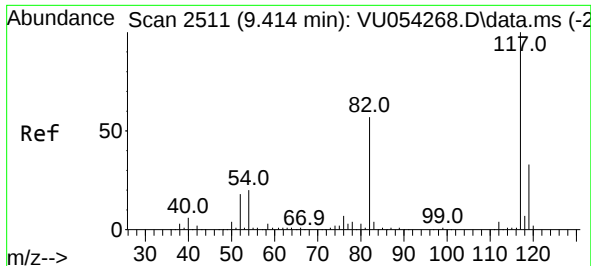
Tgt Ion: 98 Resp: 513139
Ion Ratio Lower Upper
98 100
100 64.9 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 43.838 ug/l
RT: 10.629 min Scan# 2889
Delta R.T. 0.003 min
Lab File: VU054289.D
Acq: 26 May 2023 16:37

Tgt Ion: 95 Resp: 174402
Ion Ratio Lower Upper
95 100
174 84.4 0.0 182.0
176 81.3 0.0 177.8

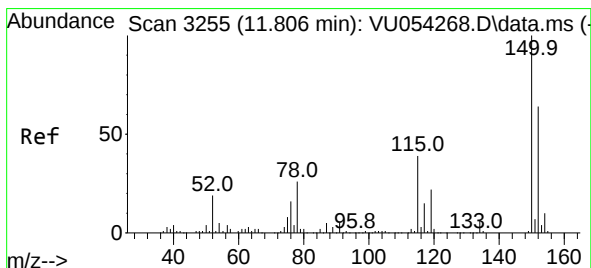
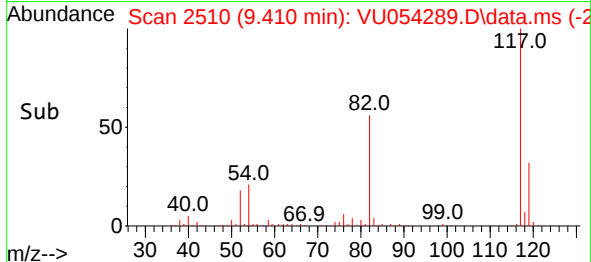
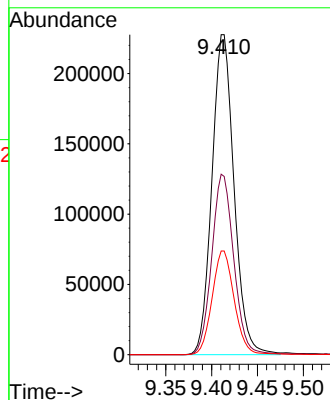
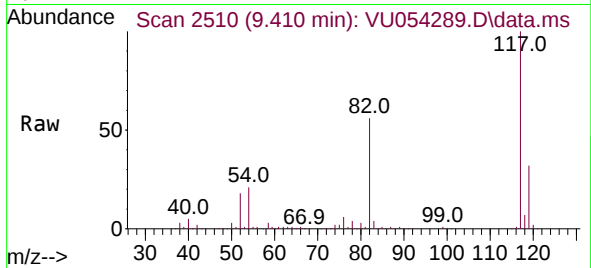




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.410 min Scan# 2511
Delta R.T. -0.004 min
Lab File: VU054289.D
Acq: 26 May 2023 16:37

Instrument :
MSVOA_U
ClientSampleId :
8BR-20230524DL

Tgt Ion:117 Resp: 381942
Ion Ratio Lower Upper
117 100
82 56.4 41.7 62.5
119 32.4 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: VU054289.D
Acq: 26 May 2023 16:37

Tgt Ion:152 Resp: 187647
Ion Ratio Lower Upper
152 100
115 57.6 37.0 110.9
150 158.5 0.0 342.2

