

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052623\
 Data File : VU054297.D
 Acq On : 26 May 2023 19:47
 Operator : JC/MD
 Sample : 02936-18 40X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 45BR-20230524

Quant Time: May 30 00:06:21 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)

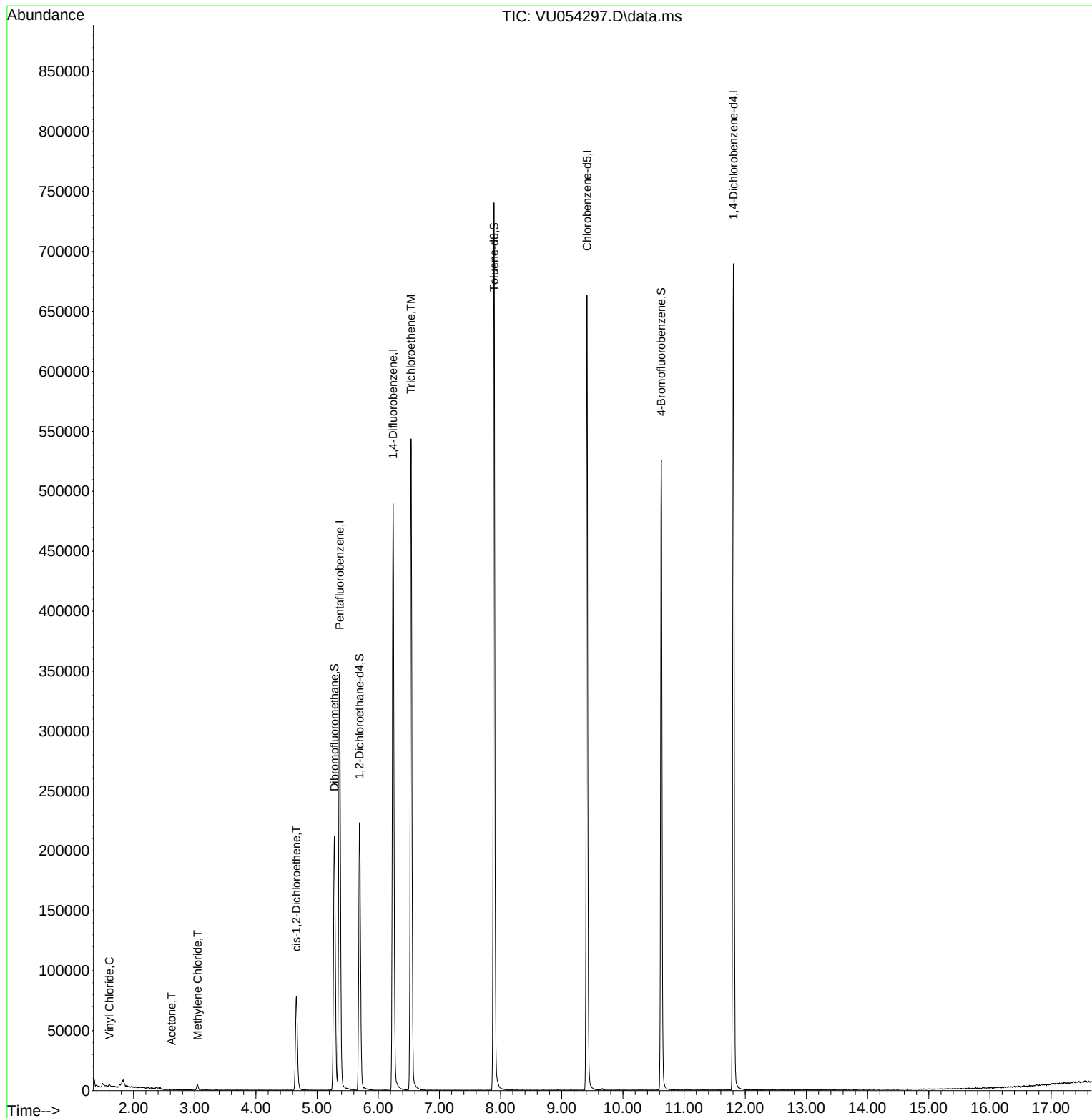
Internal Standards						
1) Pentafluorobenzene	5.369	168	252632	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.243	114	408950	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.414	117	381507	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.806	152	195986	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.693	65	167278	50.510	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	101.020%
35) Dibromofluoromethane	5.282	113	138783	52.698	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.400%
50) Toluene-d8	7.893	98	503313	50.245	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.500%
62) 4-Bromofluorobenzene	10.629	95	178500	45.957	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.920%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.604	62	1174	0.333	ug/l #	79
16) Acetone	2.620	43	646	0.340	ug/l	99
20) Methylene Chloride	3.044	84	2414	0.705	ug/l #	89
27) cis-1,2-Dichloroethene	4.661	96	42937	13.267	ug/l	95
44) Trichloroethene	6.536	130	191699	58.123	ug/l	93

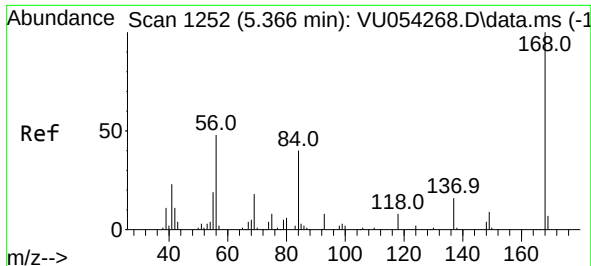
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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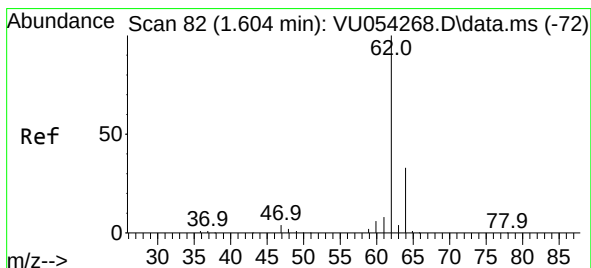
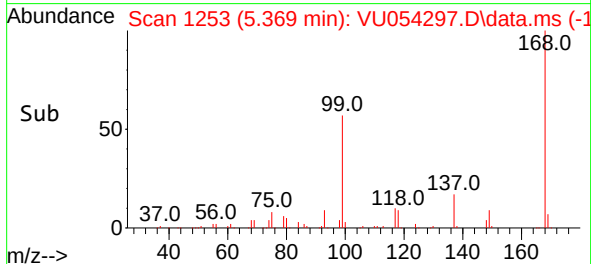
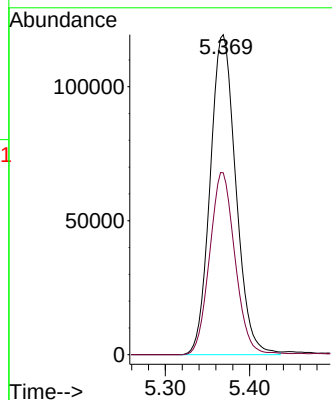
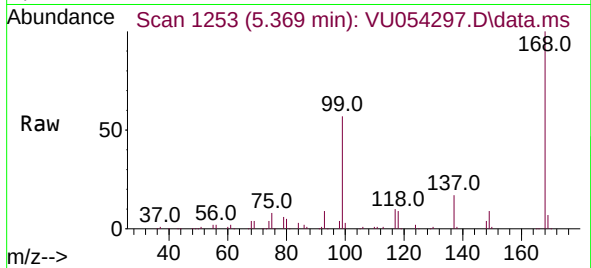




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.369 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU054297.D
Acq: 26 May 2023 19:47

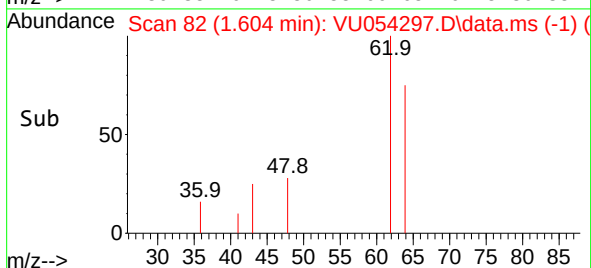
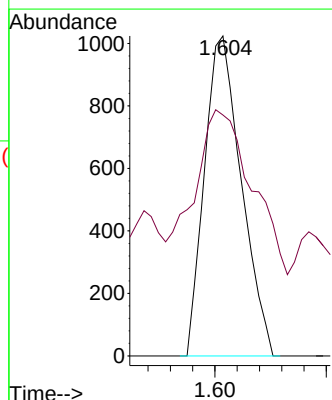
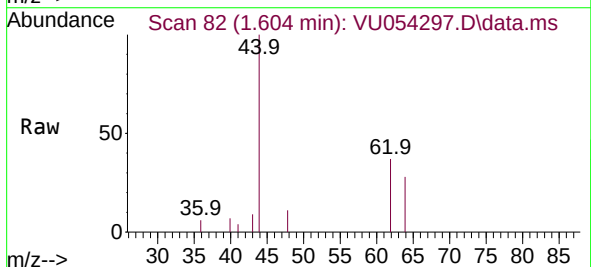
Instrument :
MSVOA_U
ClientSampleId :
45BR-20230524

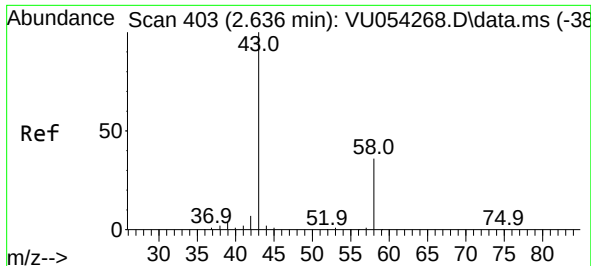
Tgt Ion:168 Resp: 252632
Ion Ratio Lower Upper
168 100
99 56.8 39.3 58.9



#4
Vinyl Chloride
Concen: 0.333 ug/l
RT: 1.604 min Scan# 82
Delta R.T. -0.000 min
Lab File: VU054297.D
Acq: 26 May 2023 19:47

Tgt Ion: 62 Resp: 1174
Ion Ratio Lower Upper
62 100
64 43.4 25.3 37.9#

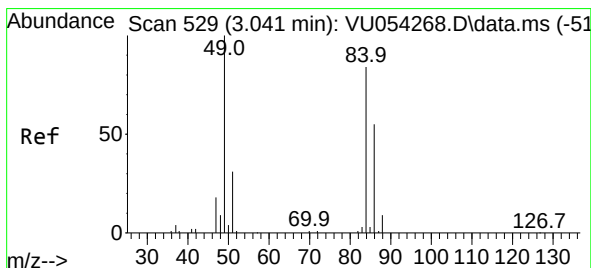
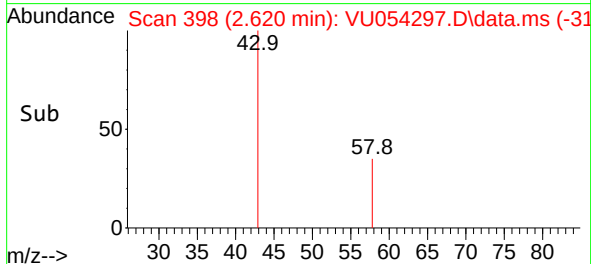
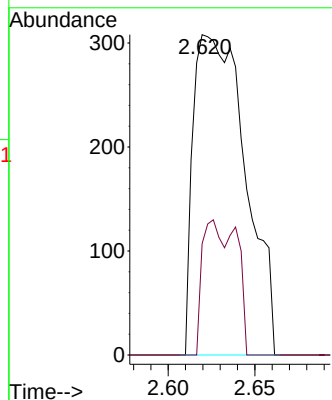
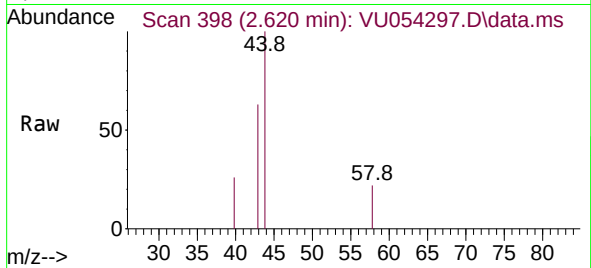




#16
Acetone
Concen: 0.340 ug/l
RT: 2.620 min Scan# 398
Delta R.T. -0.016 min
Lab File: VU054297.D
Acq: 26 May 2023 19:47

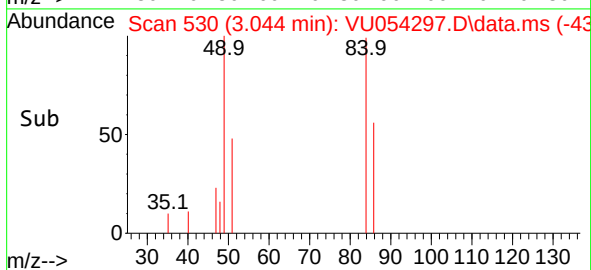
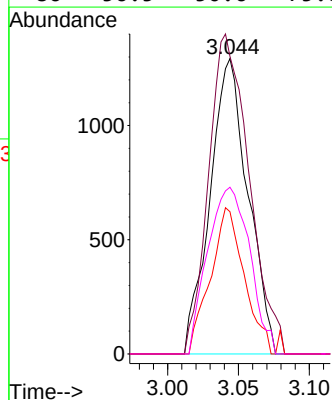
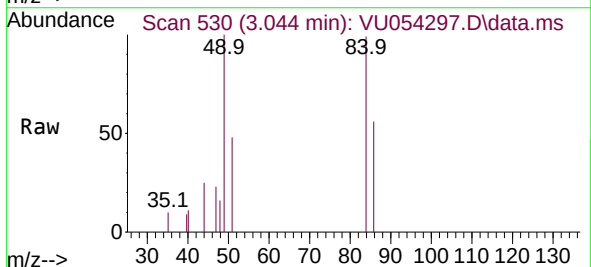
Instrument :
MSVOA_U
ClientSampleId :
45BR-20230524

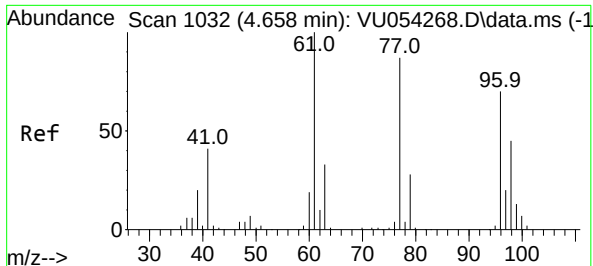
Tgt Ion: 43 Resp: 646
Ion Ratio Lower Upper
43 100
58 34.7 27.5 41.3



#20
Methylene Chloride
Concen: 0.705 ug/l
RT: 3.044 min Scan# 530
Delta R.T. 0.003 min
Lab File: VU054297.D
Acq: 26 May 2023 19:47

Tgt Ion: 84 Resp: 2414
Ion Ratio Lower Upper
84 100
49 100.8 86.6 129.8
51 48.2 26.6 40.0#
86 56.5 50.6 75.8





#27

cis-1,2-Dichloroethene

Concen: 13.267 ug/l

RT: 4.661 min Scan# 1032

Delta R.T. 0.003 min

Lab File: VU054297.D

Acq: 26 May 2023 19:47

Instrument :

MSVOA_U

ClientSampleId :

45BR-20230524

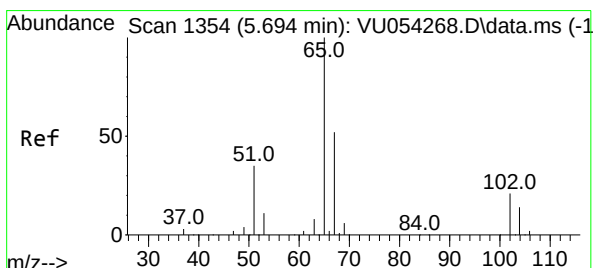
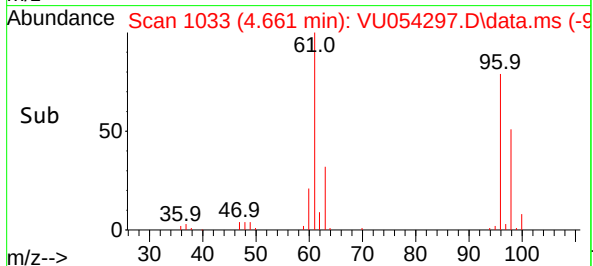
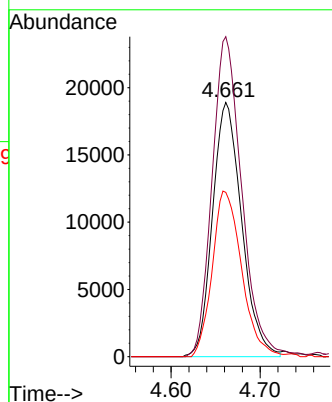
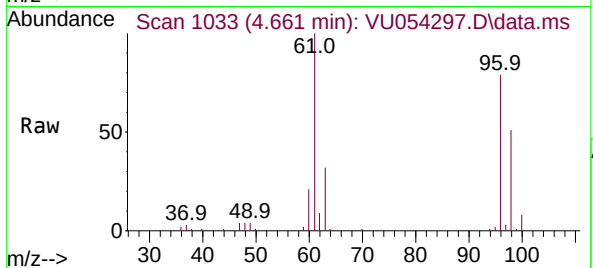
Tgt Ion: 96 Resp: 42937

Ion Ratio Lower Upper

96 100

61 128.4 0.0 271.6

98 65.6 0.0 128.2



#33

1,2-Dichloroethane-d4

Concen: 50.510 ug/l

RT: 5.693 min Scan# 1354

Delta R.T. -0.001 min

Lab File: VU054297.D

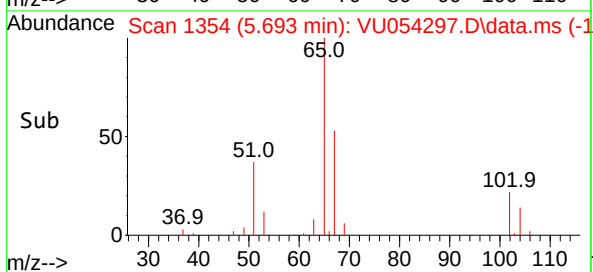
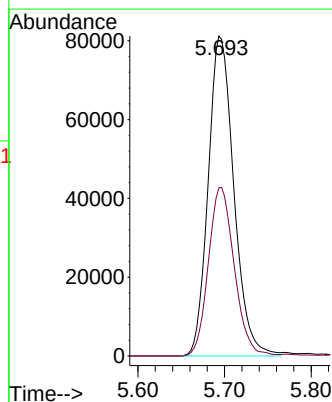
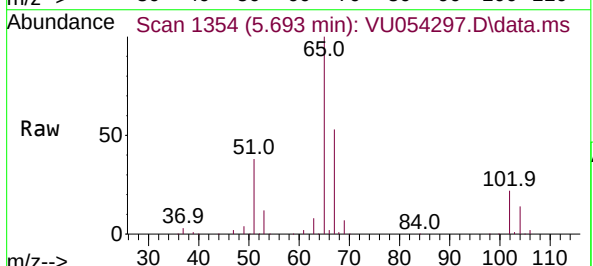
Acq: 26 May 2023 19:47

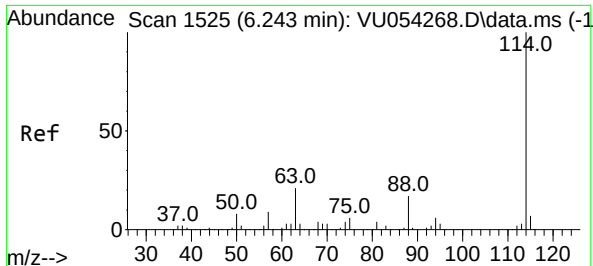
Tgt Ion: 65 Resp: 167278

Ion Ratio Lower Upper

65 100

67 53.0 0.0 108.0

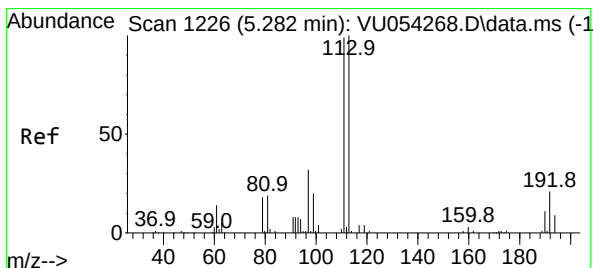
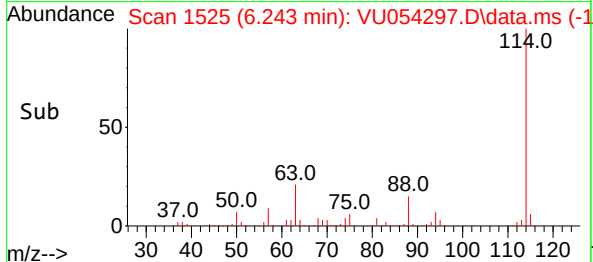
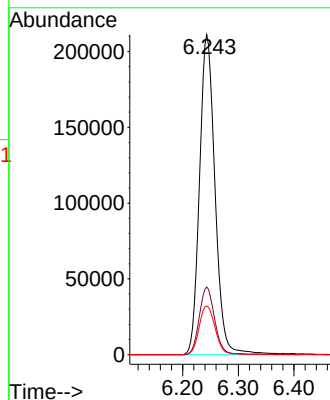
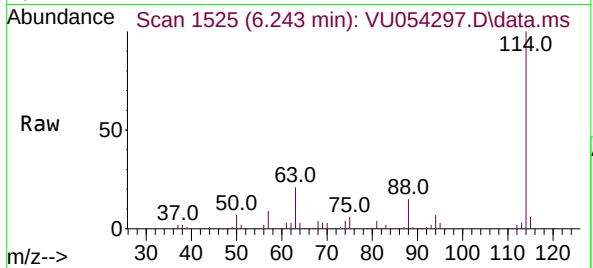




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.243 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU054297.D
Acq: 26 May 2023 19:47

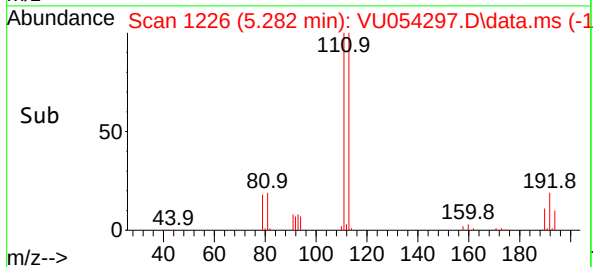
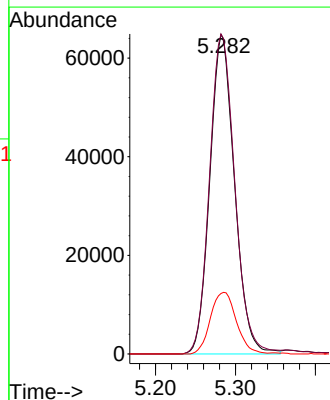
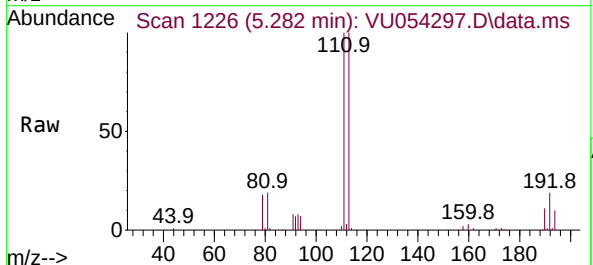
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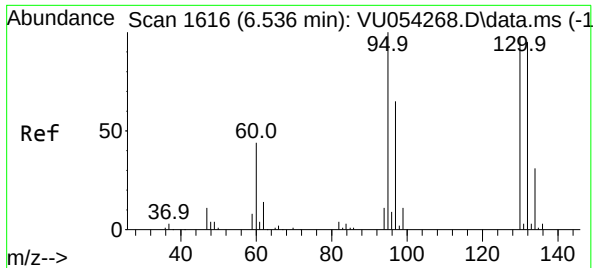
Tgt Ion:114 Resp: 408950
Ion Ratio Lower Upper
114 100
63 21.1 0.0 37.8
88 15.2 0.0 29.2



#35
Dibromofluoromethane
Concen: 52.698 ug/l
RT: 5.282 min Scan# 1226
Delta R.T. -0.000 min
Lab File: VU054297.D
Acq: 26 May 2023 19:47

Tgt Ion:113 Resp: 138783
Ion Ratio Lower Upper
113 100
111 102.5 82.1 123.1
192 20.3 18.0 27.0

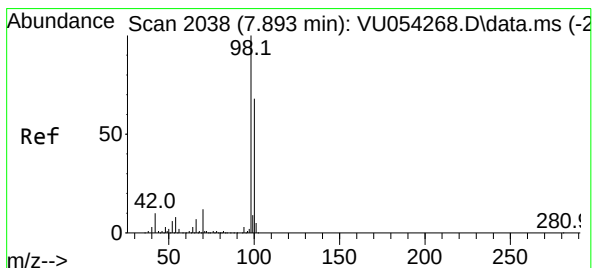
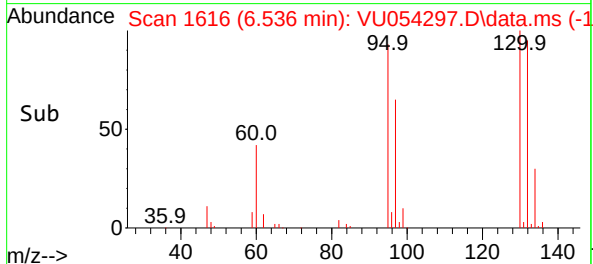
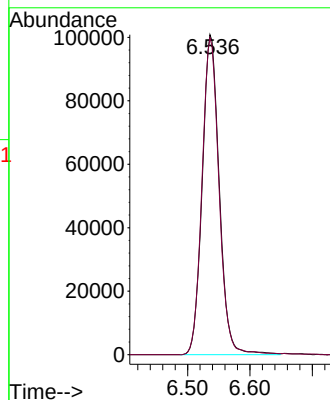
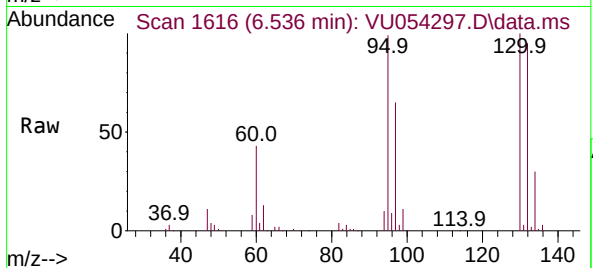




#44
Trichloroethene
Concen: 58.123 ug/l
RT: 6.536 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU054297.D
Acq: 26 May 2023 19:47

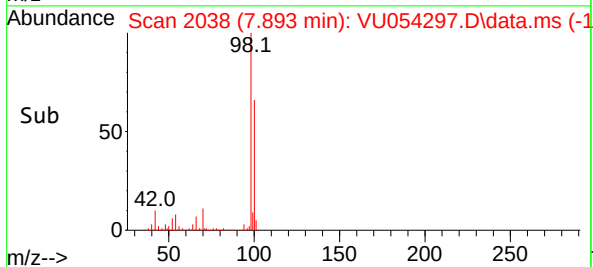
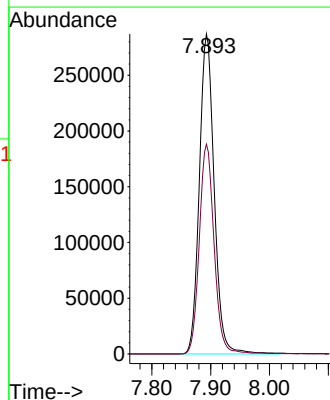
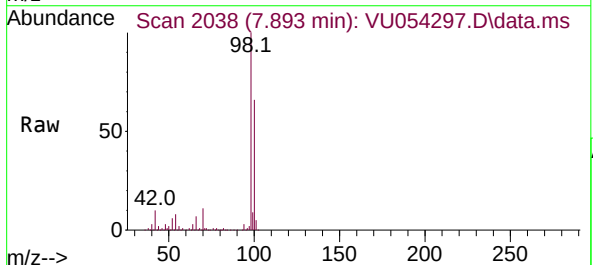
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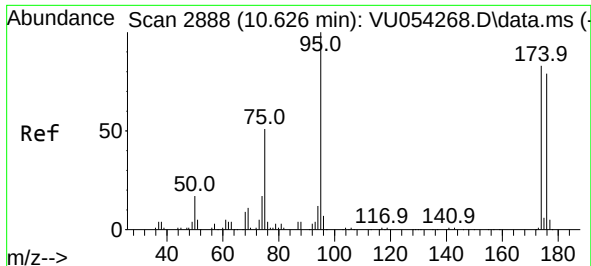
Tgt Ion:130 Resp: 191699
Ion Ratio Lower Upper
130 100
95 99.0 0.0 184.6



#50
Toluene-d8
Concen: 50.245 ug/l
RT: 7.893 min Scan# 2038
Delta R.T. -0.000 min
Lab File: VU054297.D
Acq: 26 May 2023 19:47

Tgt Ion: 98 Resp: 503313
Ion Ratio Lower Upper
98 100
100 65.4 51.7 77.5

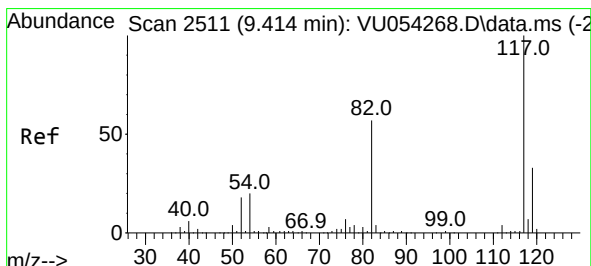
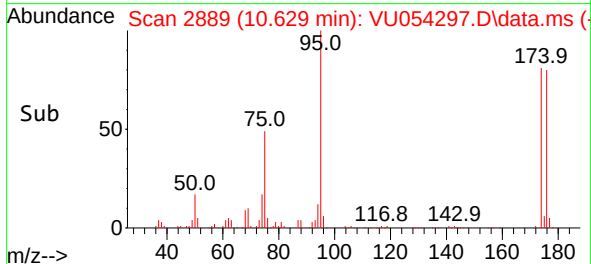
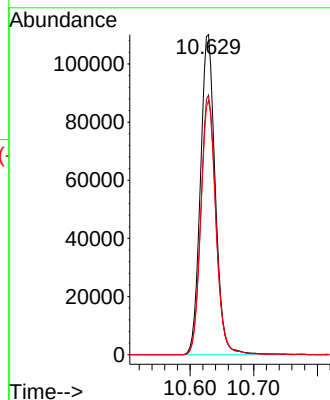
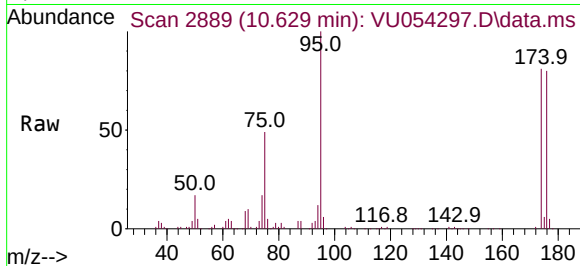




#62
4-Bromofluorobenzene
Concen: 45.957 ug/l
RT: 10.629 min Scan# 2889
Delta R.T. 0.003 min
Lab File: VU054297.D
Acq: 26 May 2023 19:47

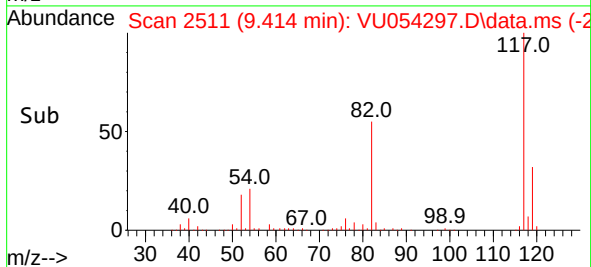
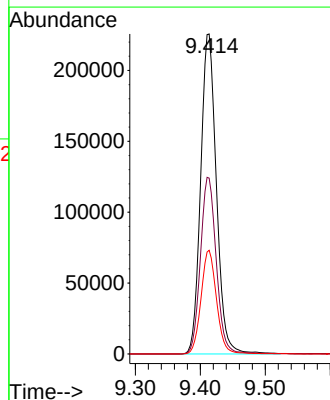
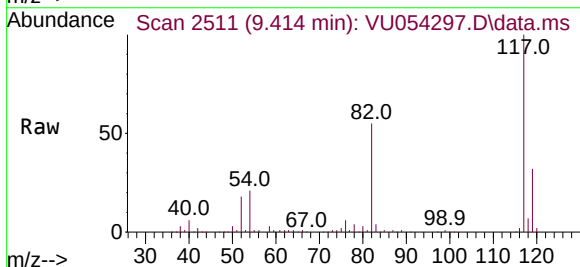
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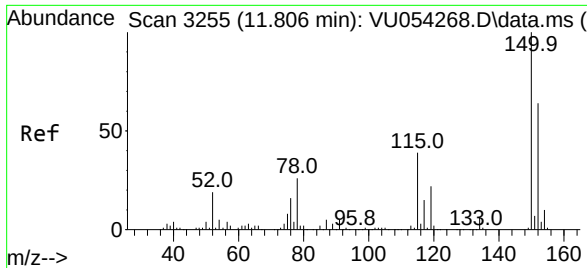
Tgt Ion: 95 Resp: 178500
Ion Ratio Lower Upper
95 100
174 82.7 0.0 182.0
176 80.3 0.0 177.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.414 min Scan# 2511
Delta R.T. -0.000 min
Lab File: VU054297.D
Acq: 26 May 2023 19:47

Tgt Ion: 117 Resp: 381507
Ion Ratio Lower Upper
117 100
82 55.0 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# 31

Delta R.T. -0.000 min

Lab File: VU054297.D

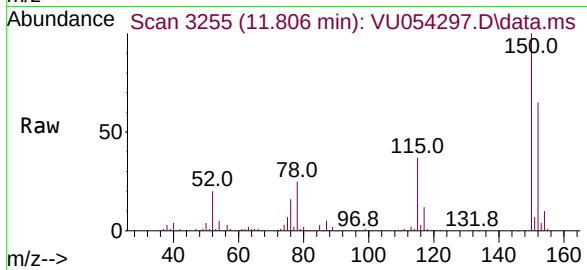
Acq: 26 May 2023 19:47

Instrument :

MSVOA_U

ClientSampleId :

45BR-20230524



Tgt Ion:152 Resp: 195986

Ion Ratio Lower Upper

152 100

115 56.9 37.0 110.9

150 153.8 0.0 342.2

