

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052623\
 Data File : VU054295.D
 Acq On : 26 May 2023 18:59
 Operator : JC/MD
 Sample : 02936-16
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 40BR-20230524

Quant Time: May 30 00:05:36 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)

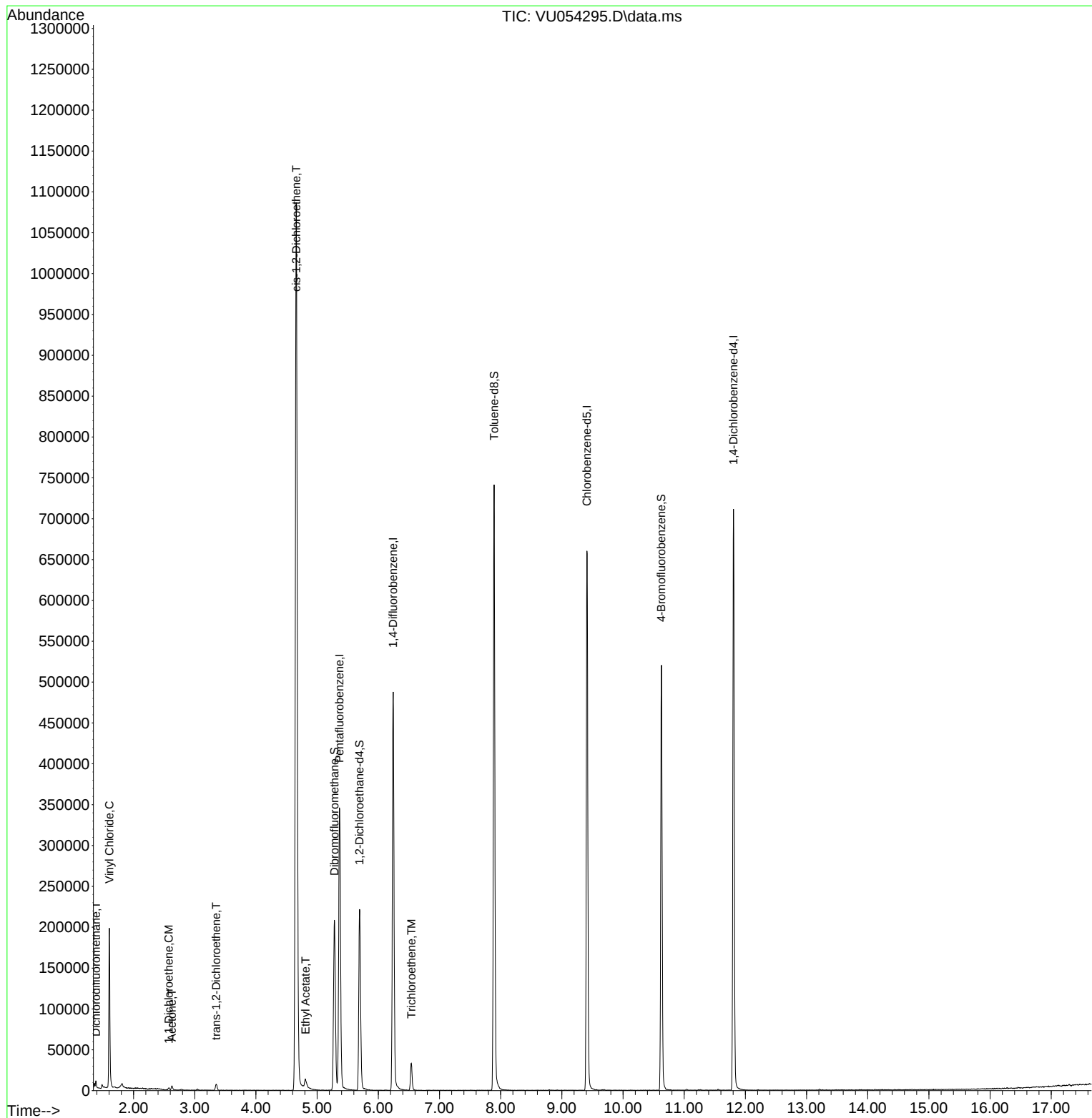
Internal Standards						
1) Pentafluorobenzene	5.366	168	252286	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.243	114	401570	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.411	117	384999	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.806	152	197852	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.694	65	164752	49.816	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.640%
35) Dibromofluoromethane	5.282	113	135960	52.575	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.140%
50) Toluene-d8	7.893	98	491512	49.969	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.940%
62) 4-Bromofluorobenzene	10.626	95	177027	46.415	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.840%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	4594	1.631	ug/l	98
4) Vinyl Chloride	1.604	62	144005	40.927	ug/l	99
12) 1,1-Dichloroethene	2.575	96	884	0.326	ug/l #	80
16) Acetone	2.626	43	6183	3.262	ug/l	96
21) trans-1,2-Dichloroethene	3.350	96	3443	1.185	ug/l	88
27) cis-1,2-Dichloroethene	4.658	96	585616	181.194	ug/l	95
37) Ethyl Acetate	4.809	43	13852	2.798	ug/l #	80
44) Trichloroethene	6.539	130	11840	3.656	ug/l	98

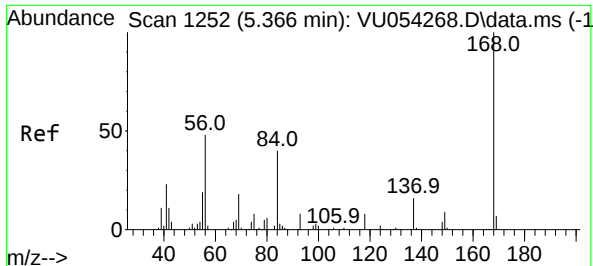
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri May 26 06:40:51 2023
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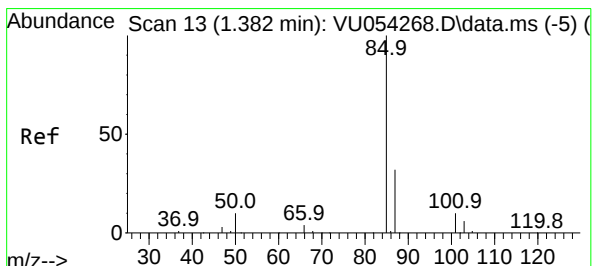
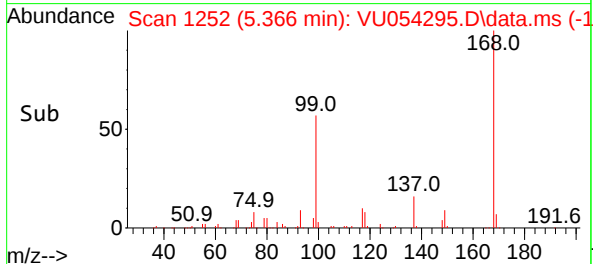
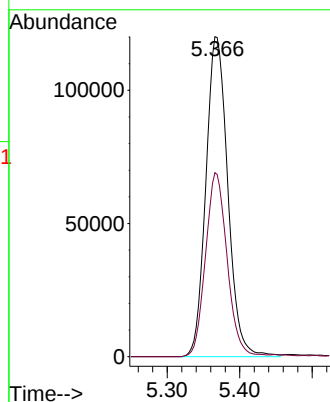
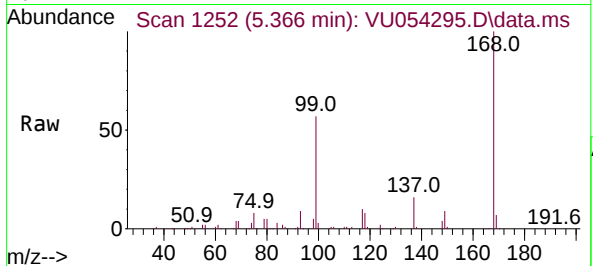




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.366 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU054295.D
Acq: 26 May 2023 18:59

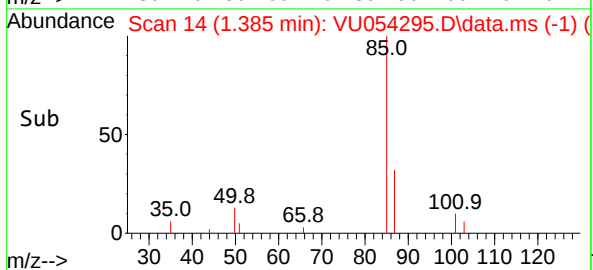
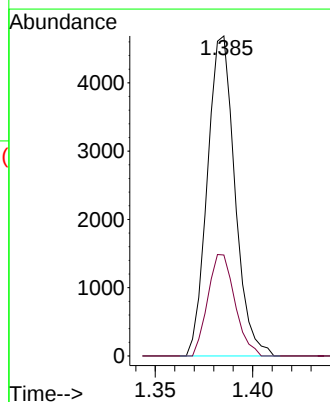
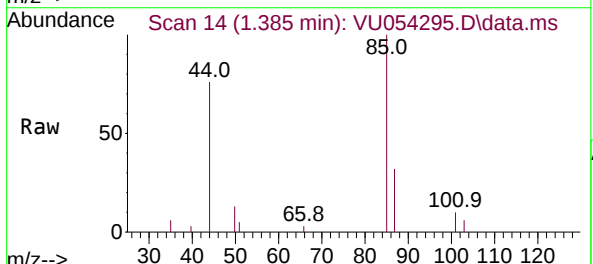
Instrument :
MSVOA_U
ClientSampleId :
40BR-20230524

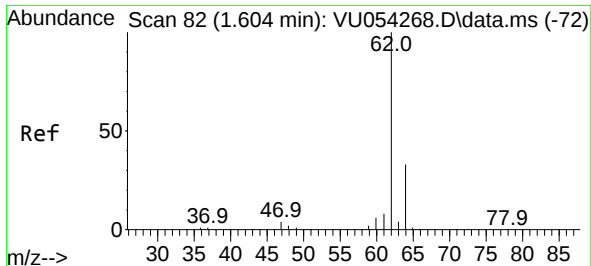
Tgt Ion:168 Resp: 252286
Ion Ratio Lower Upper
168 100
99 57.5 39.3 58.9



#2
Dichlorodifluoromethane
Concen: 1.631 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.003 min
Lab File: VU054295.D
Acq: 26 May 2023 18:59

Tgt Ion: 85 Resp: 4594
Ion Ratio Lower Upper
85 100
87 31.5 16.4 49.2

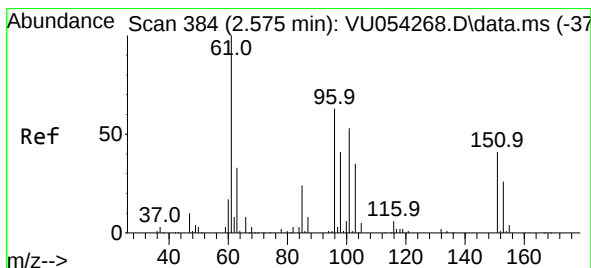
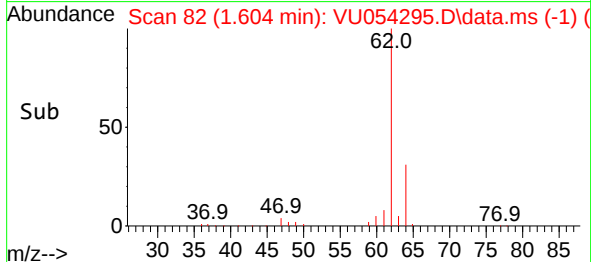
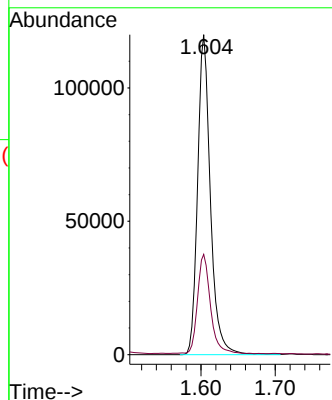
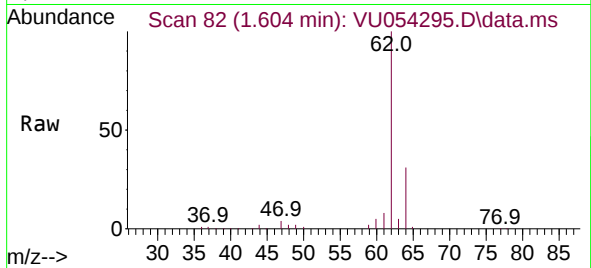




#4
 Vinyl Chloride
 Concen: 40.927 ug/l
 RT: 1.604 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU054295.D
 Acq: 26 May 2023 18:59

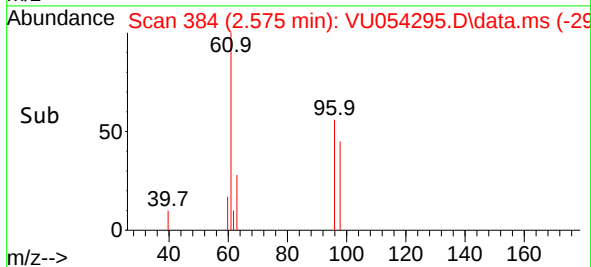
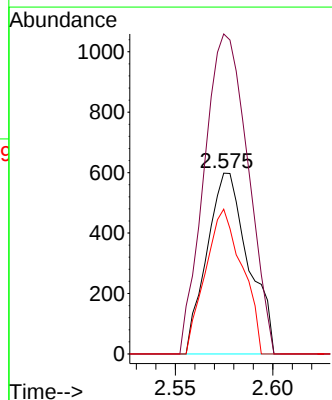
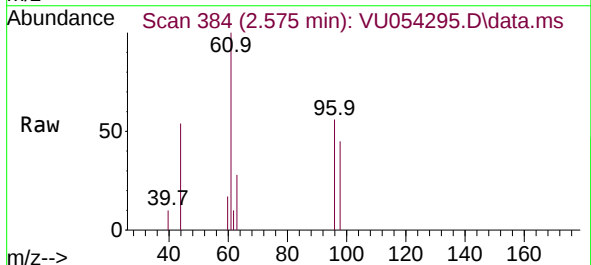
Instrument :
 MSVOA_U
 ClientSampleId :
 40BR-20230524

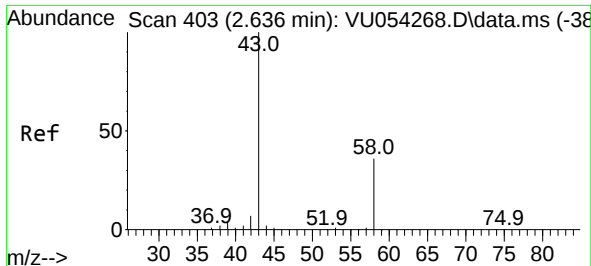
Tgt Ion: 62 Resp: 144005
 Ion Ratio Lower Upper
 62 100
 64 31.0 25.3 37.9



#12
 1,1-Dichloroethene
 Concen: 0.326 ug/l
 RT: 2.575 min Scan# 384
 Delta R.T. -0.000 min
 Lab File: VU054295.D
 Acq: 26 May 2023 18:59

Tgt Ion: 96 Resp: 884
 Ion Ratio Lower Upper
 96 100
 61 177.1 122.2 183.2
 98 80.1 50.7 76.1#





#16

Acetone

Concen: 3.262 ug/l

RT: 2.626 min Scan# 403

Delta R.T. -0.010 min

Lab File: VU054295.D

Acq: 26 May 2023 18:59

Instrument :

MSVOA_U

ClientSampleId :

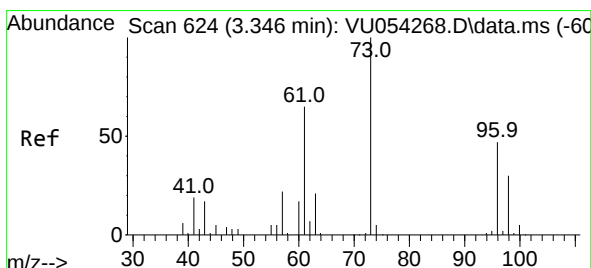
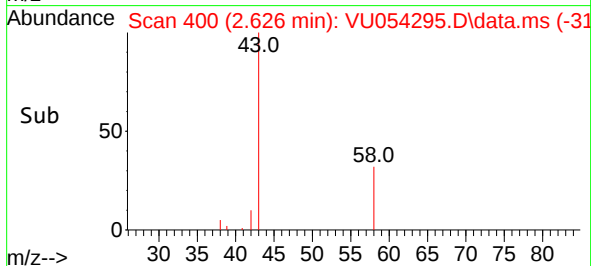
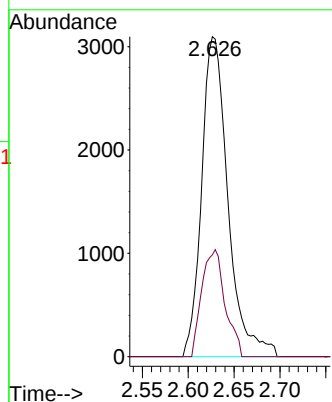
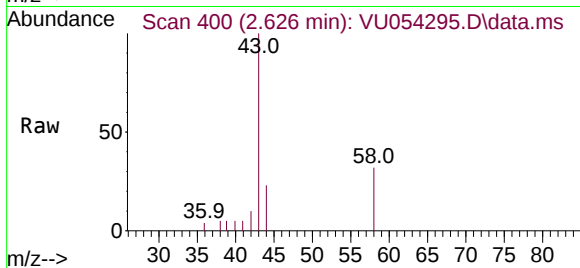
40BR-20230524

Tgt Ion: 43 Resp: 6183

Ion Ratio Lower Upper

43 100

58 31.9 27.5 41.3



#21

trans-1,2-Dichloroethene

Concen: 1.185 ug/l

RT: 3.350 min Scan# 625

Delta R.T. 0.004 min

Lab File: VU054295.D

Acq: 26 May 2023 18:59

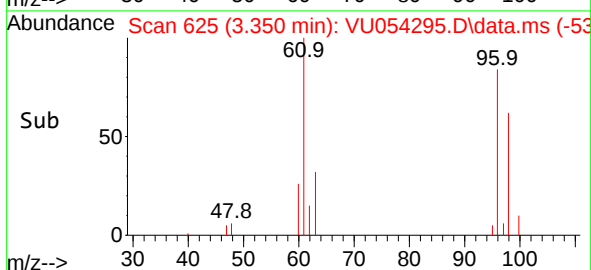
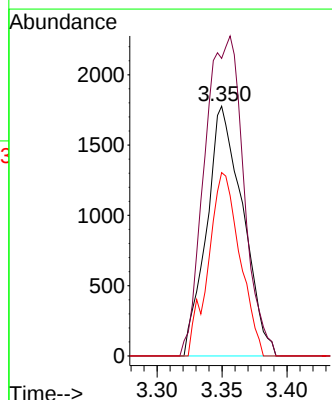
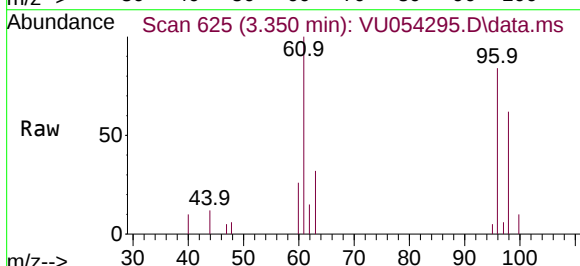
Tgt Ion: 96 Resp: 3443

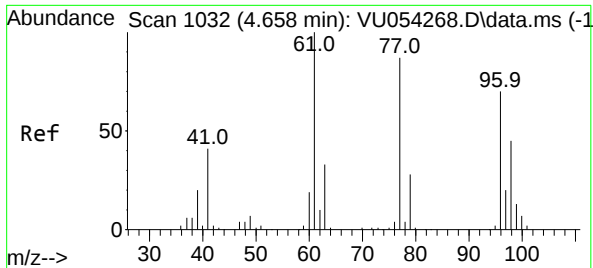
Ion Ratio Lower Upper

96 100

61 119.2 106.1 159.1

98 73.4 50.8 76.2

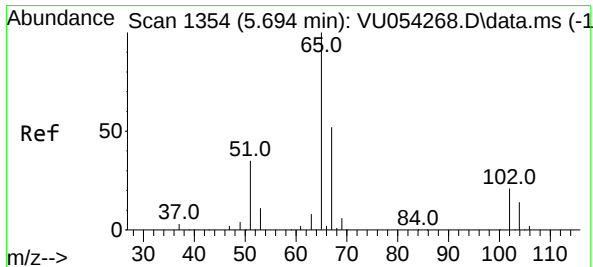
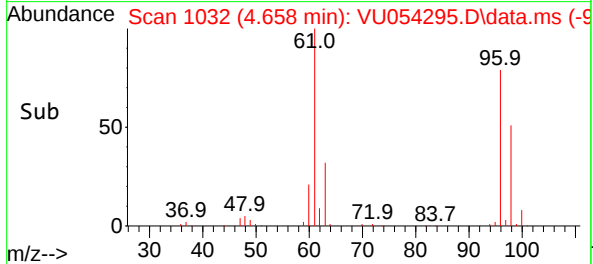
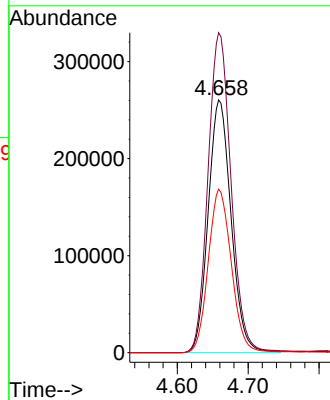
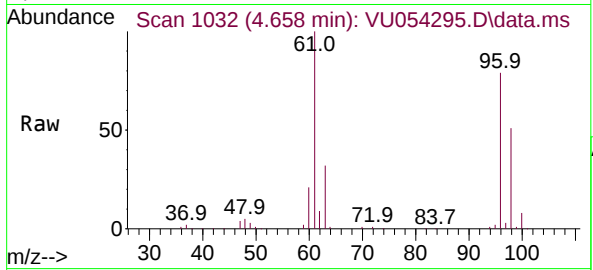




#27
 cis-1,2-Dichloroethene
 Concen: 181.194 ug/l
 RT: 4.658 min Scan# 1032
 Delta R.T. 0.000 min
 Lab File: VU054295.D
 Acq: 26 May 2023 18:59

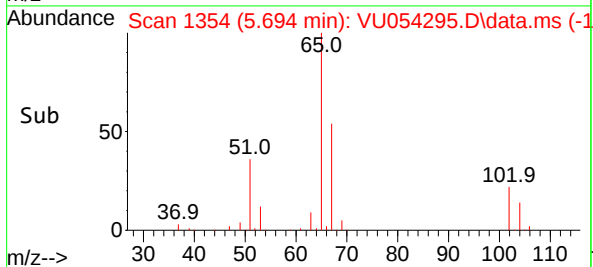
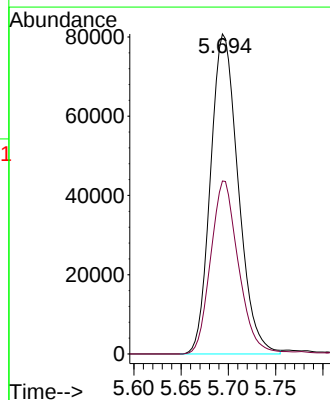
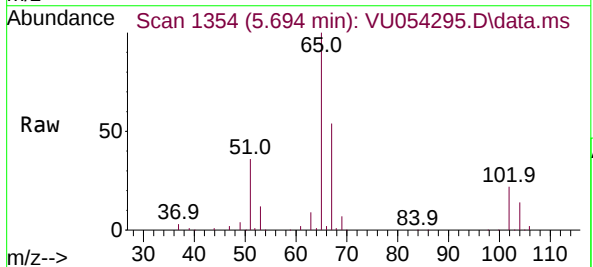
Instrument :
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 ClientSampleId :
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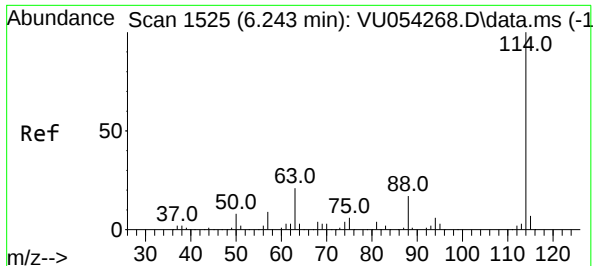
Tgt Ion: 96 Resp: 585616
 Ion Ratio Lower Upper
 96 100
 61 127.9 0.0 271.6
 98 65.1 0.0 128.2



#33
 1,2-Dichloroethane-d4
 Concen: 49.816 ug/l
 RT: 5.694 min Scan# 1354
 Delta R.T. -0.000 min
 Lab File: VU054295.D
 Acq: 26 May 2023 18:59

Tgt Ion: 65 Resp: 164752
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 108.0

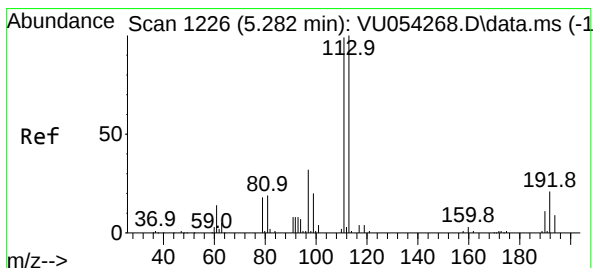
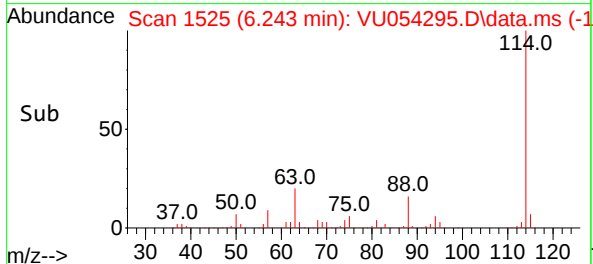
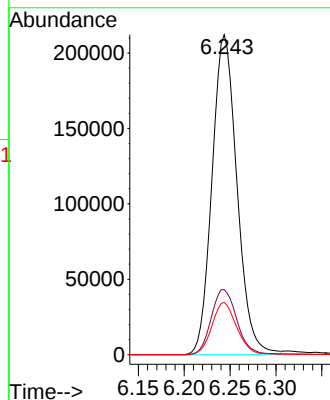
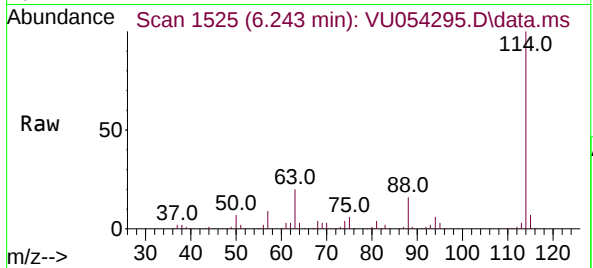




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.243 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU054295.D
Acq: 26 May 2023 18:59

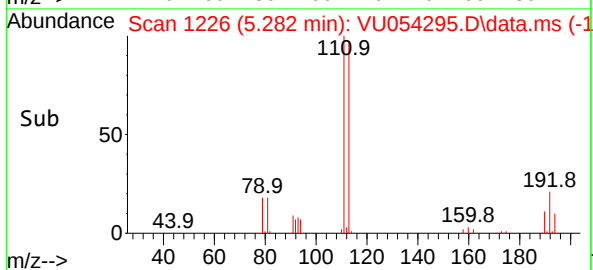
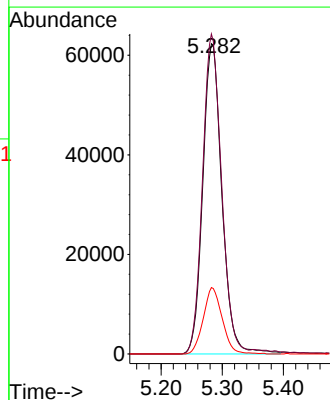
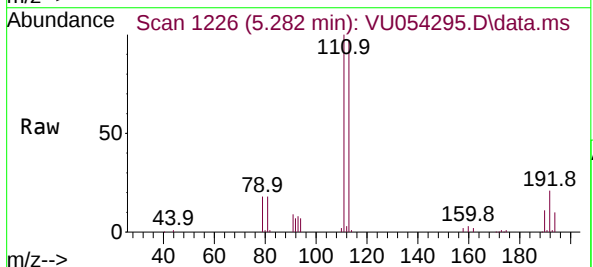
Instrument :
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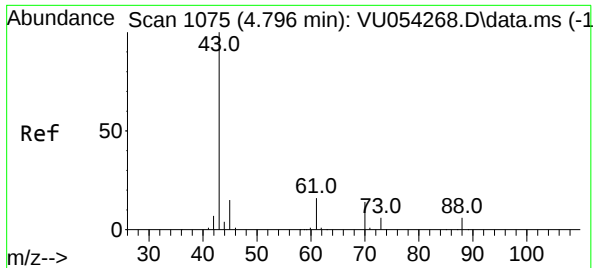
Tgt Ion:114 Resp: 401570
Ion Ratio Lower Upper
114 100
63 20.4 0.0 37.8
88 16.3 0.0 29.2



#35
Dibromofluoromethane
Concen: 52.575 ug/l
RT: 5.282 min Scan# 1226
Delta R.T. 0.000 min
Lab File: VU054295.D
Acq: 26 May 2023 18:59

Tgt Ion:113 Resp: 135960
Ion Ratio Lower Upper
113 100
111 101.9 82.1 123.1
192 21.1 18.0 27.0





#37

Ethyl Acetate

Concen: 2.798 ug/l

RT: 4.809 min Scan# 1079

Delta R.T. 0.013 min

Lab File: VU054295.D

Acq: 26 May 2023 18:59

Instrument :

MSVOA_U

ClientSampleId :

40BR-20230524

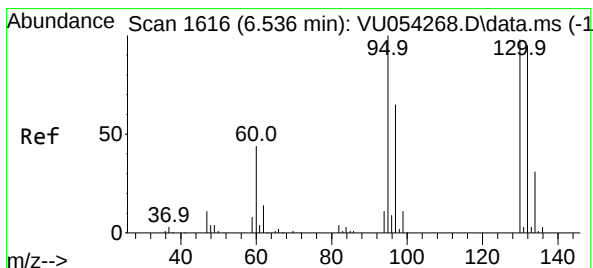
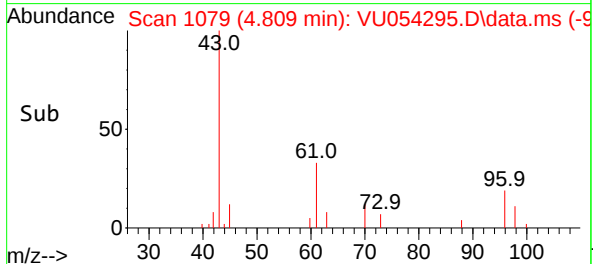
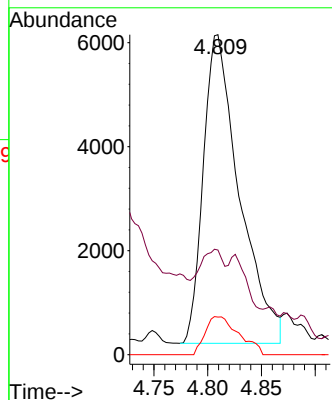
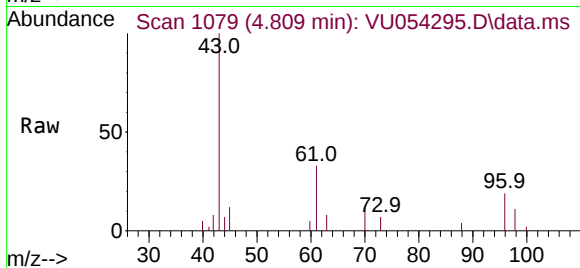
Tgt Ion: 43 Resp: 13852

Ion Ratio Lower Upper

43 100

61 0.0 9.5 14.3#

70 11.5 7.5 11.3#



#44

Trichloroethene

Concen: 3.656 ug/l

RT: 6.539 min Scan# 1617

Delta R.T. 0.003 min

Lab File: VU054295.D

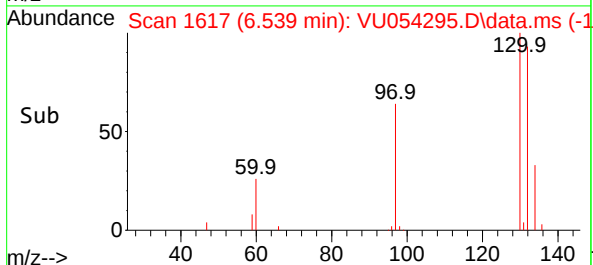
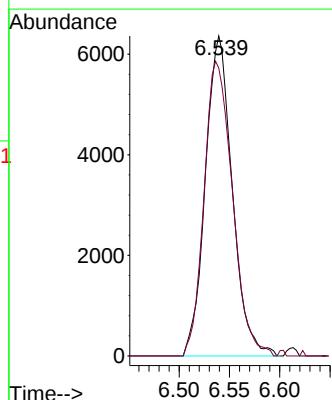
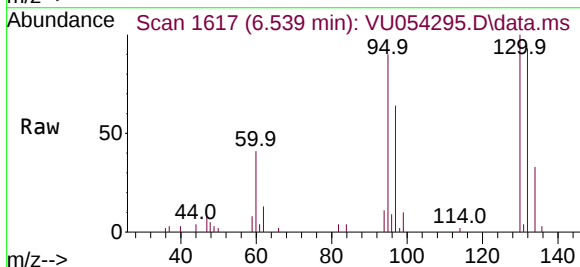
Acq: 26 May 2023 18:59

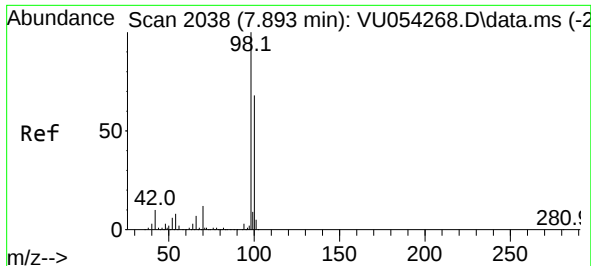
Tgt Ion:130 Resp: 11840

Ion Ratio Lower Upper

130 100

95 90.0 0.0 184.6

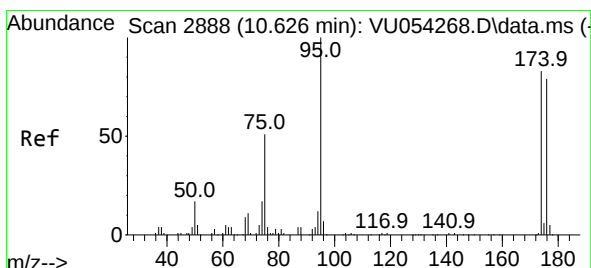
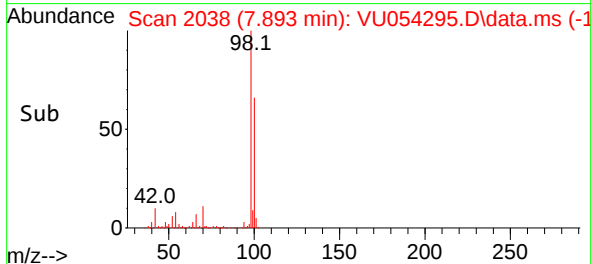
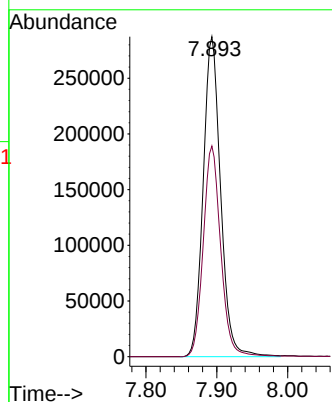
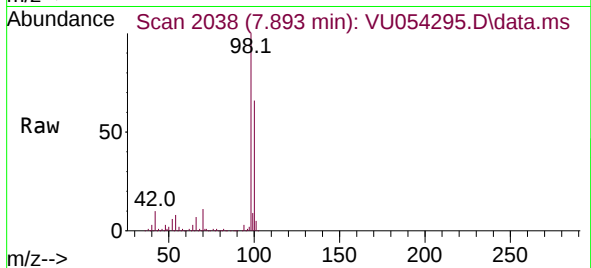




#50
Toluene-d8
Concen: 49.969 ug/l
RT: 7.893 min Scan# 2038
Delta R.T. -0.000 min
Lab File: VU054295.D
Acq: 26 May 2023 18:59

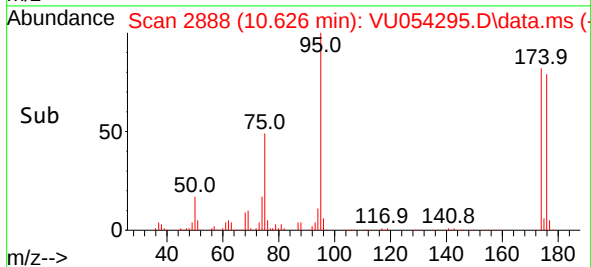
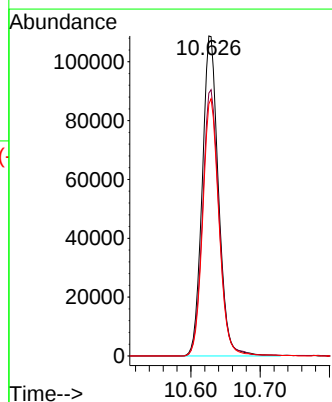
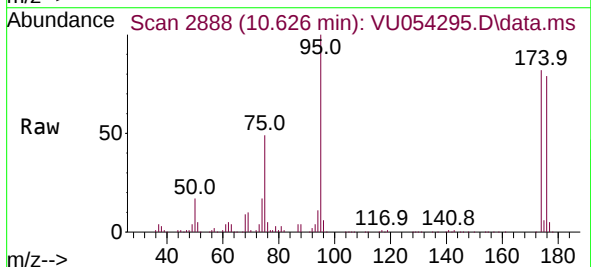
Instrument :
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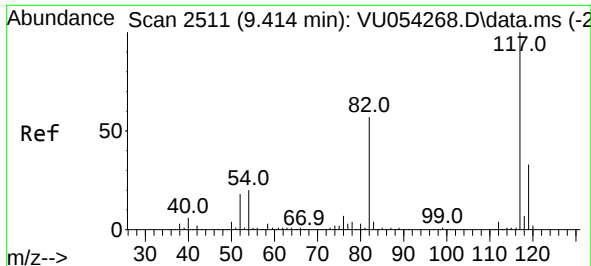
Tgt Ion: 98 Resp: 491512
Ion Ratio Lower Upper
98 100
100 65.9 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 46.415 ug/l
RT: 10.626 min Scan# 2888
Delta R.T. -0.000 min
Lab File: VU054295.D
Acq: 26 May 2023 18:59

Tgt Ion: 95 Resp: 177027
Ion Ratio Lower Upper
95 100
174 84.5 0.0 182.0
176 80.4 0.0 177.8

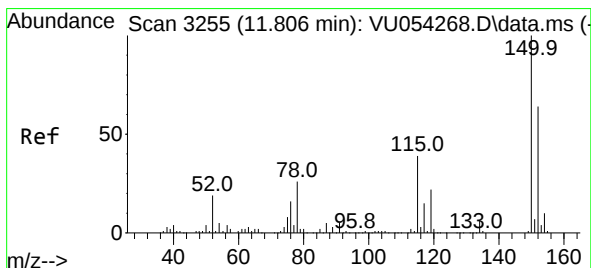
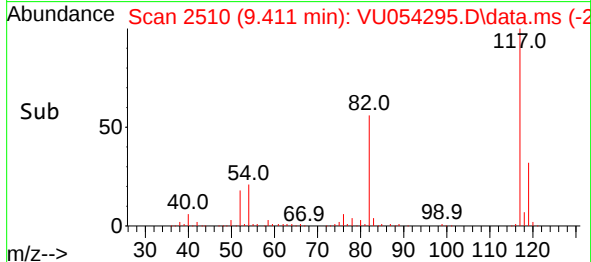
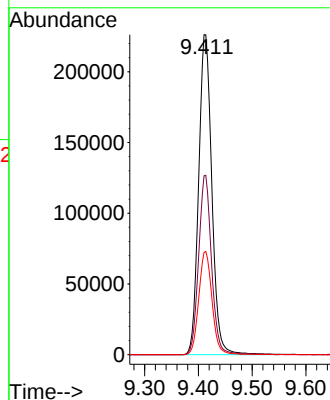
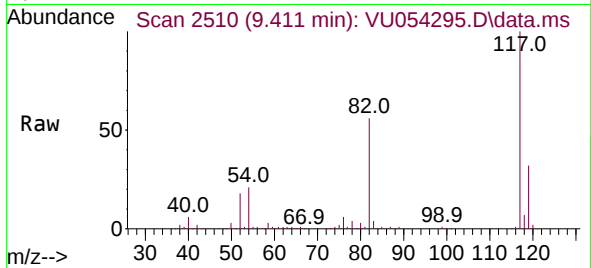




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.411 min Scan# 2511
Delta R.T. -0.003 min
Lab File: VU054295.D
Acq: 26 May 2023 18:59

Instrument :
MSVOA_U
ClientSampleId :
40BR-20230524

Tgt Ion:117 Resp: 384999
Ion Ratio Lower Upper
117 100
82 55.9 41.7 62.5
119 32.0 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: VU054295.D
Acq: 26 May 2023 18:59

Tgt Ion:152 Resp: 197852
Ion Ratio Lower Upper
152 100
115 57.7 37.0 110.9
150 155.5 0.0 342.2

