

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052623\
 Data File : VU054293.D
 Acq On : 26 May 2023 18:12
 Operator : JC/MD
 Sample : 02936-15
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 60BR-20230524

Quant Time: May 30 00:04:52 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)

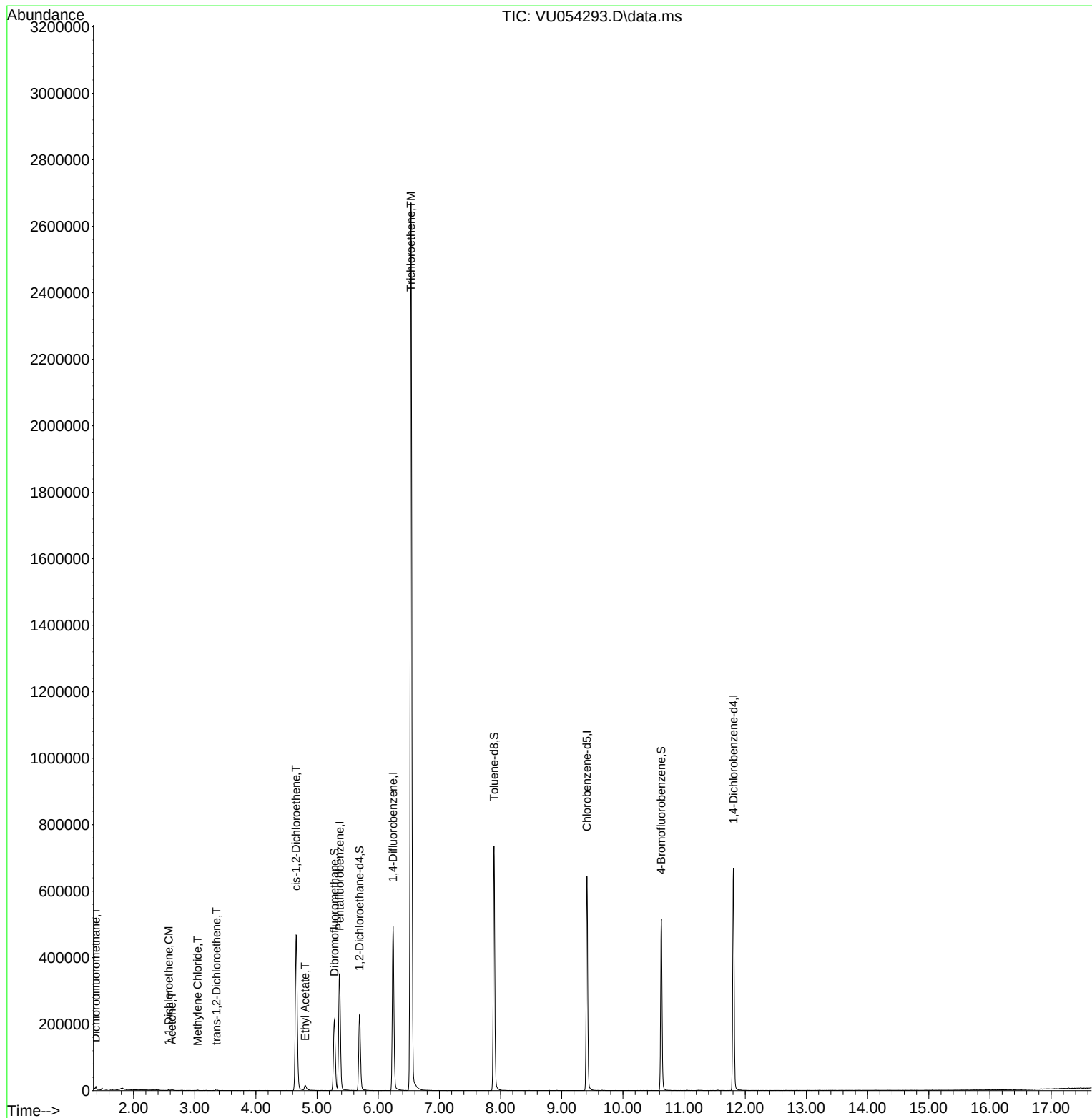
Internal Standards						
1) Pentafluorobenzene	5.369	168	257210	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.243	114	407219	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.410	117	377150	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.806	152	188781	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.694	65	172290	51.098	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 102.200%	
35) Dibromofluoromethane	5.282	113	137780	52.540	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.080%	
50) Toluene-d8	7.893	98	504516	50.579	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 101.160%	
62) 4-Bromofluorobenzene	10.629	95	174278	45.060	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 90.120%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.382	85	4975	1.733	ug/l	94
12) 1,1-Dichloroethene	2.575	96	868	0.314	ug/l	80
16) Acetone	2.626	43	5551	2.872	ug/l #	87
20) Methylene Chloride	3.044	84	809	0.232	ug/l #	85
21) trans-1,2-Dichloroethene	3.353	96	1955	0.660	ug/l #	81
27) cis-1,2-Dichloroethene	4.658	96	255257	77.467	ug/l	94
37) Ethyl Acetate	4.806	43	18465	3.678	ug/l #	82
44) Trichloroethene	6.536	130	925446	281.786	ug/l	92

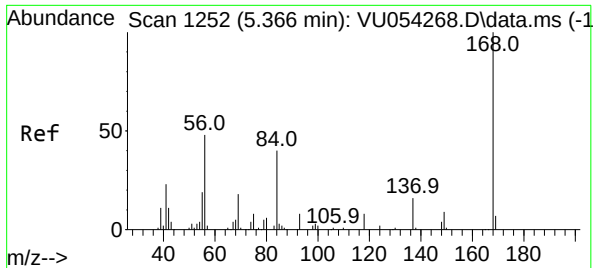
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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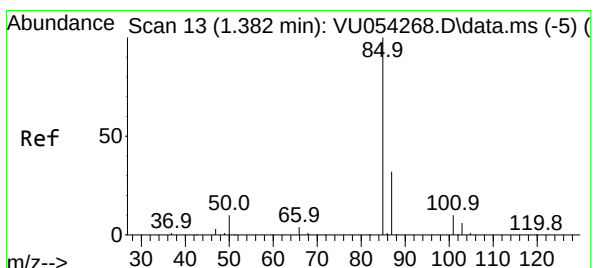
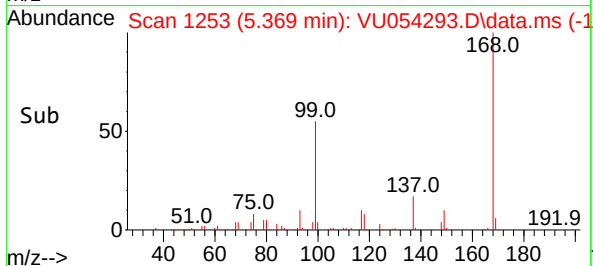
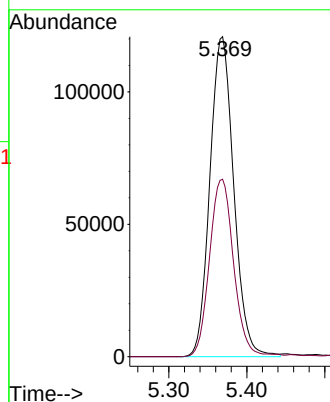
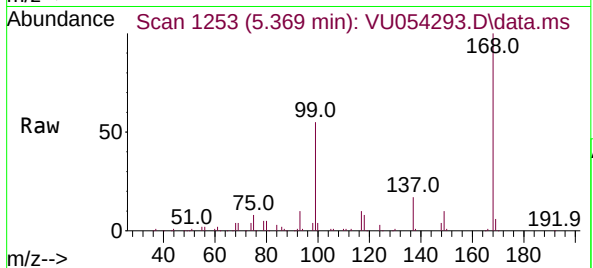




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.369 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU054293.D
Acq: 26 May 2023 18:12

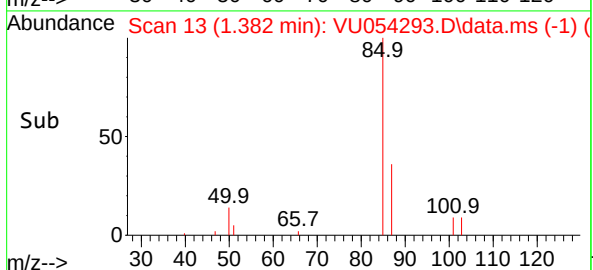
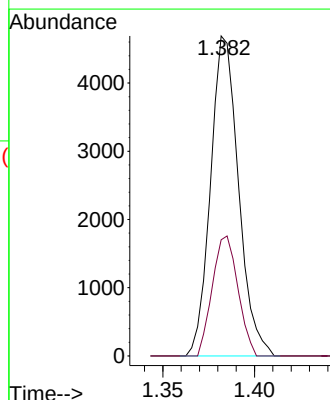
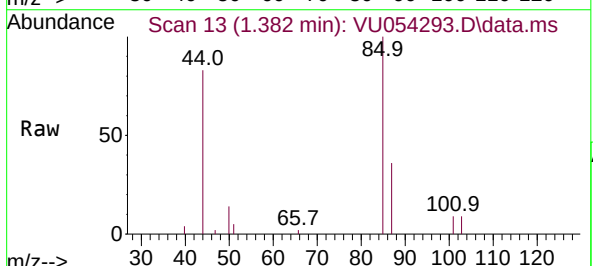
Instrument :
MSVOA_U
ClientSampleId :
60BR-20230524

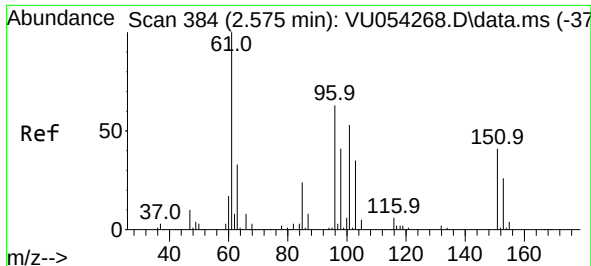
Tgt Ion:168 Resp: 257210
Ion Ratio Lower Upper
168 100
99 55.4 39.3 58.9



#2
Dichlorodifluoromethane
Concen: 1.733 ug/l
RT: 1.382 min Scan# 13
Delta R.T. -0.000 min
Lab File: VU054293.D
Acq: 26 May 2023 18:12

Tgt Ion: 85 Resp: 4975
Ion Ratio Lower Upper
85 100
87 36.3 16.4 49.2

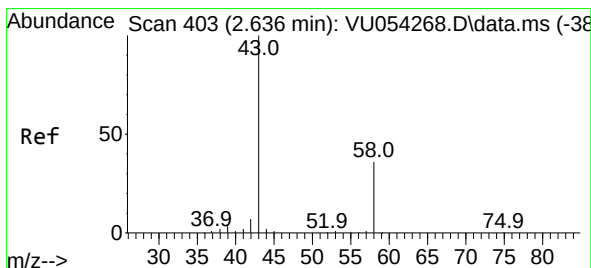
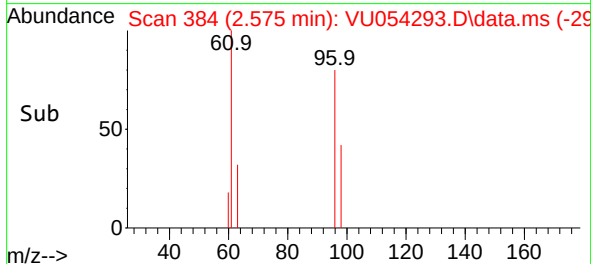
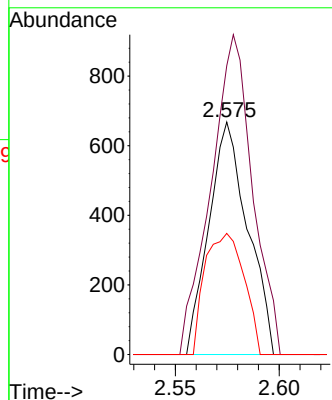
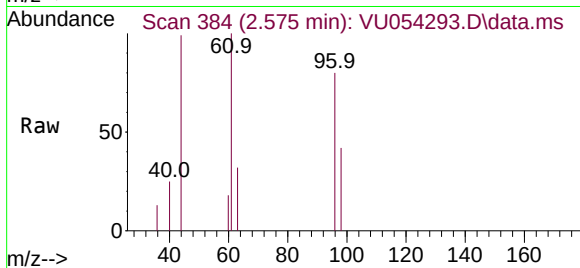




#12
1,1-Dichloroethene
Concen: 0.314 ug/l
RT: 2.575 min Scan# 312
Delta R.T. -0.000 min
Lab File: VU054293.D
Acq: 26 May 2023 18:12

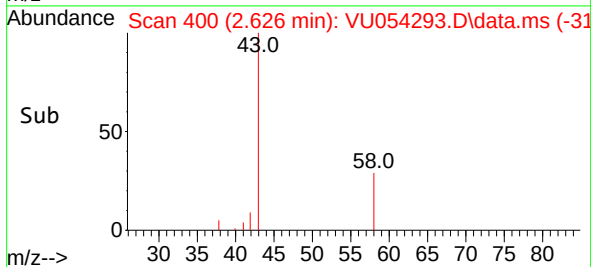
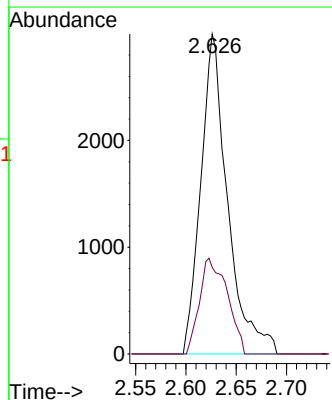
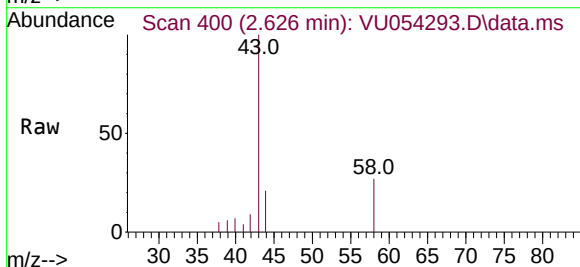
Instrument :
MSVOA_U
ClientSampleId :
60BR-20230524

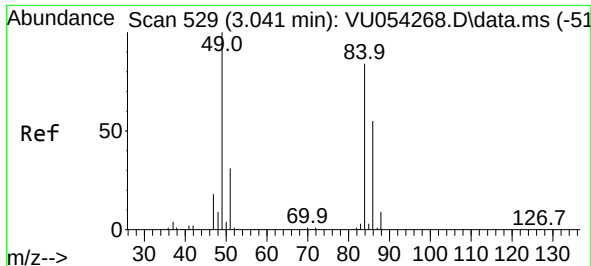
Tgt Ion: 96 Resp: 868
Ion Ratio Lower Upper
96 100
61 124.3 122.2 183.2
98 52.1 50.7 76.1



#16
Acetone
Concen: 2.872 ug/l
RT: 2.626 min Scan# 400
Delta R.T. -0.010 min
Lab File: VU054293.D
Acq: 26 May 2023 18:12

Tgt Ion: 43 Resp: 5551
Ion Ratio Lower Upper
43 100
58 27.1 27.5 41.3#

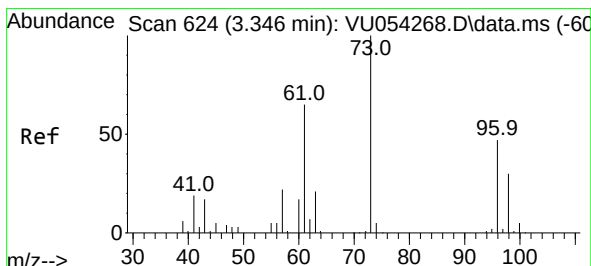
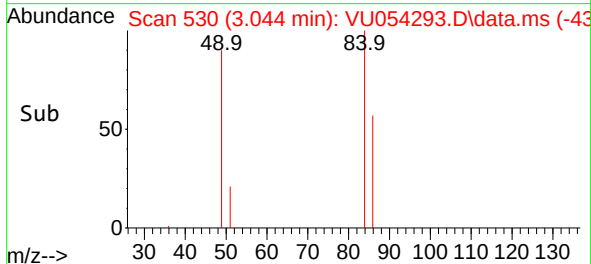
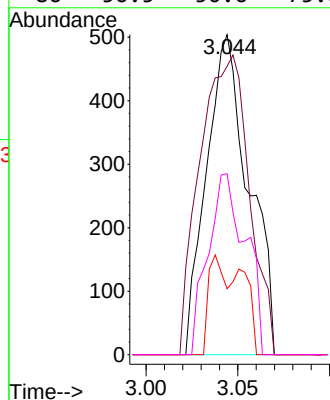
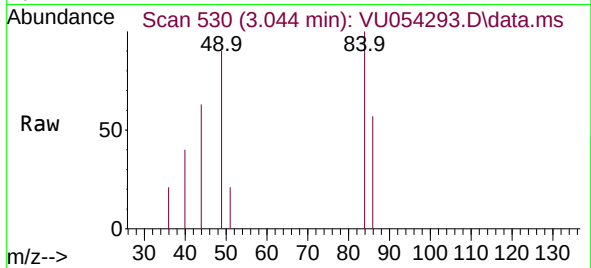




#20
Methylene Chloride
Concen: 0.232 ug/l
RT: 3.044 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU054293.D
Acq: 26 May 2023 18:12

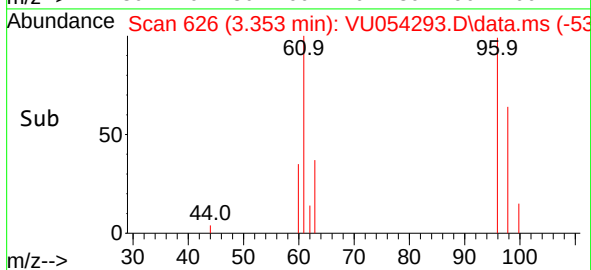
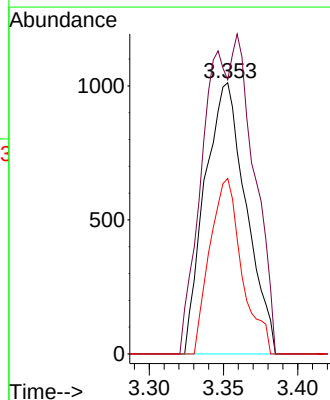
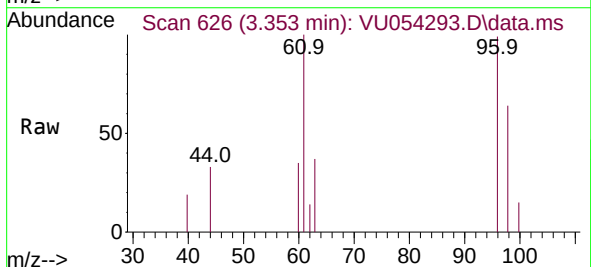
Instrument :
MSVOA_U
ClientSampleId :
60BR-20230524

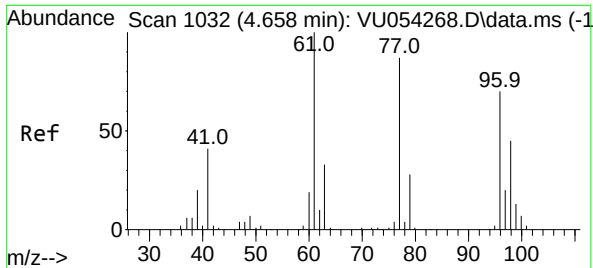
Tgt Ion: 84	Resp: 809
Ion Ratio	Lower Upper
84 100	
49 90.1	86.6 129.8
51 20.6	26.6 40.0#
86 56.5	50.6 75.8



#21
trans-1,2-Dichloroethene
Concen: 0.660 ug/l
RT: 3.353 min Scan# 626
Delta R.T. 0.007 min
Lab File: VU054293.D
Acq: 26 May 2023 18:12

Tgt Ion: 96	Resp: 1955		
Ion Ratio	Lower	Upper	
96	100		
61	101.1	106.1	159.1#
98	64.7	50.8	76.2

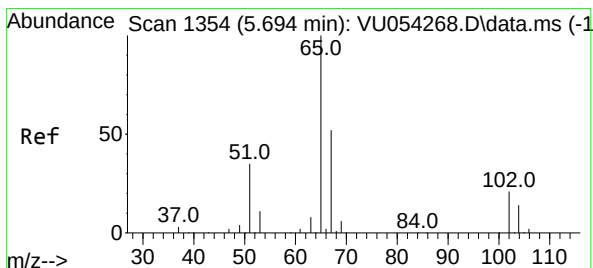
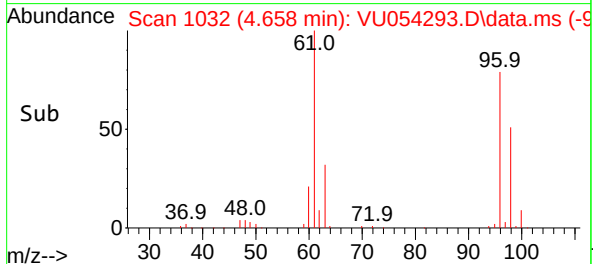
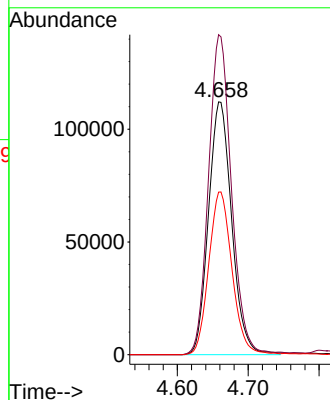
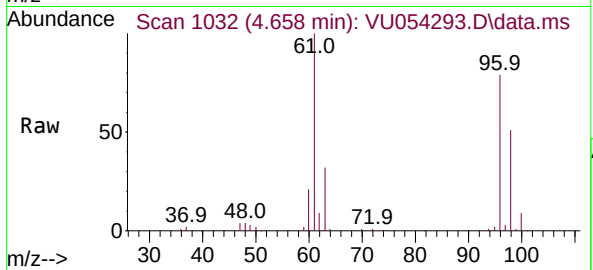




#27
 cis-1,2-Dichloroethene
 Concen: 77.467 ug/l
 RT: 4.658 min Scan# 1032
 Delta R.T. 0.000 min
 Lab File: VU054293.D
 Acq: 26 May 2023 18:12

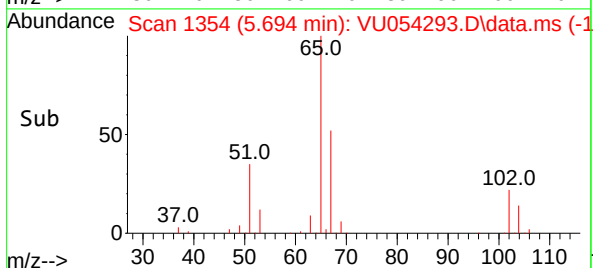
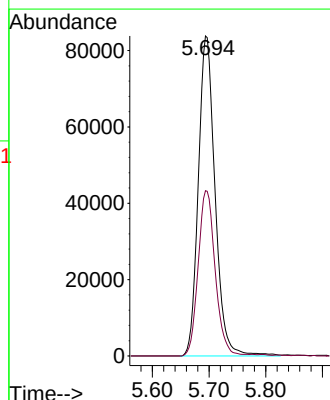
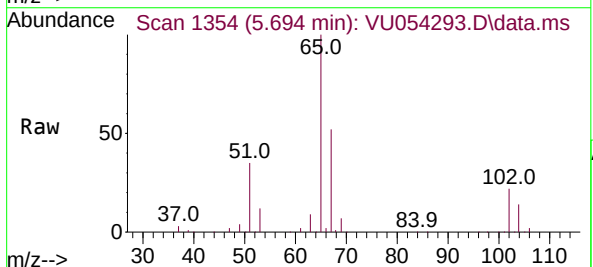
Instrument :
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 ClientSampleId :
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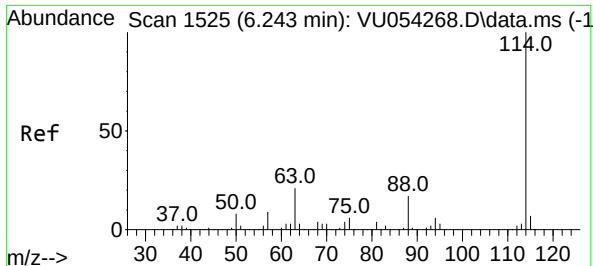
Tgt Ion: 96 Resp: 255257
 Ion Ratio Lower Upper
 96 100
 61 124.8 0.0 271.6
 98 64.4 0.0 128.2



#33
 1,2-Dichloroethane-d4
 Concen: 51.098 ug/l
 RT: 5.694 min Scan# 1354
 Delta R.T. -0.000 min
 Lab File: VU054293.D
 Acq: 26 May 2023 18:12

Tgt Ion: 65 Resp: 172290
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 108.0

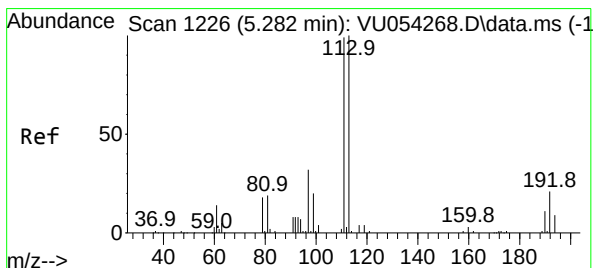
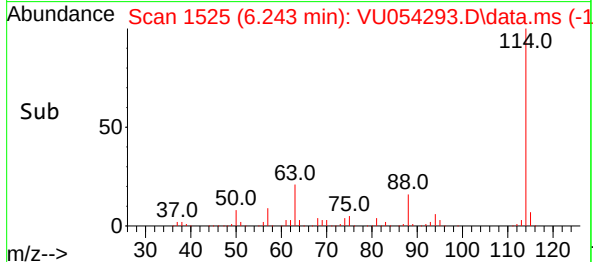
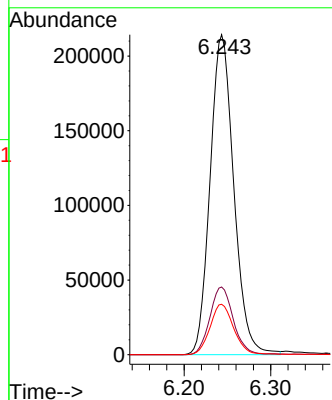
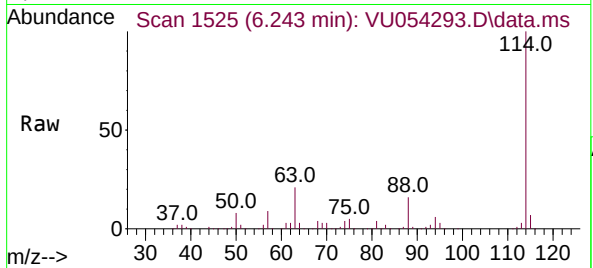




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.243 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU054293.D
Acq: 26 May 2023 18:12

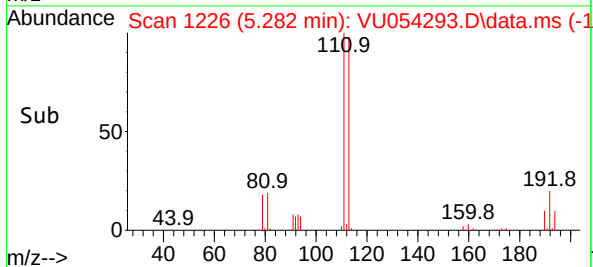
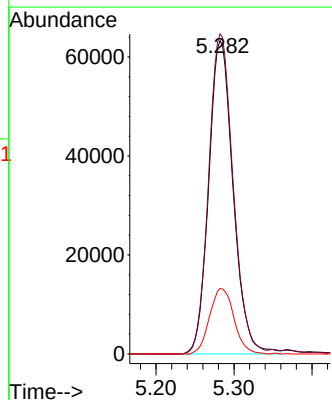
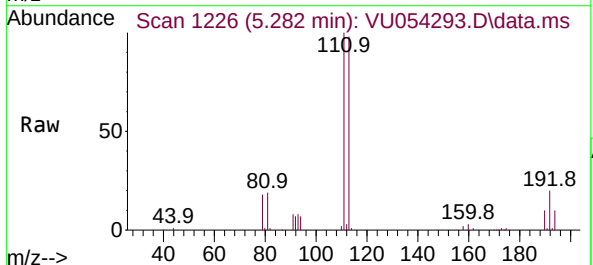
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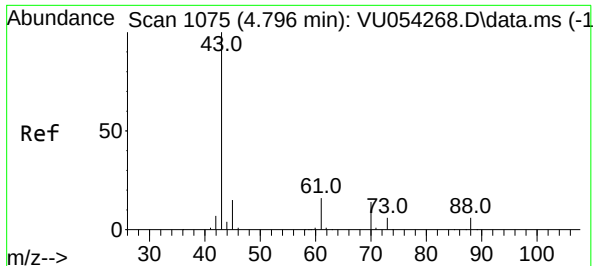
Tgt Ion:114 Resp: 407219
Ion Ratio Lower Upper
114 100
63 21.2 0.0 37.8
88 15.8 0.0 29.2



#35
Dibromofluoromethane
Concen: 52.540 ug/l
RT: 5.282 min Scan# 1226
Delta R.T. -0.000 min
Lab File: VU054293.D
Acq: 26 May 2023 18:12

Tgt Ion:113 Resp: 137780
Ion Ratio Lower Upper
113 100
111 102.4 82.1 123.1
192 20.9 18.0 27.0





#37

Ethyl Acetate

Concen: 3.678 ug/l

RT: 4.806 min Scan# 1075

Delta R.T. 0.010 min

Lab File: VU054293.D

Acq: 26 May 2023 18:12

Instrument :

MSVOA_U

ClientSampleId :

60BR-20230524

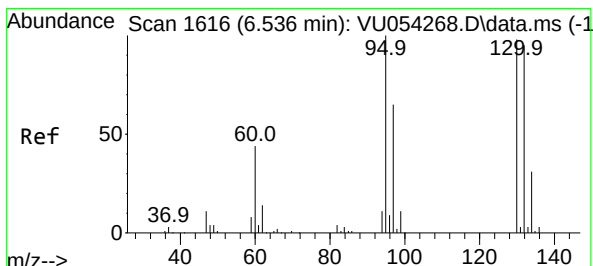
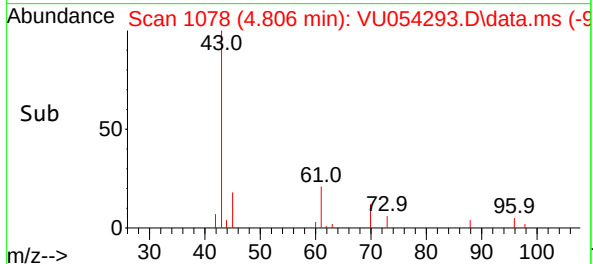
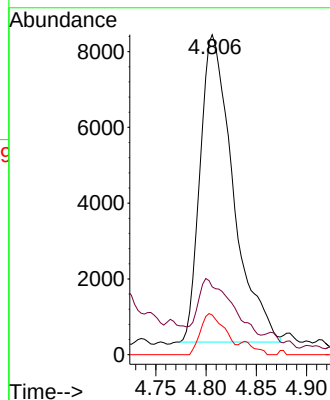
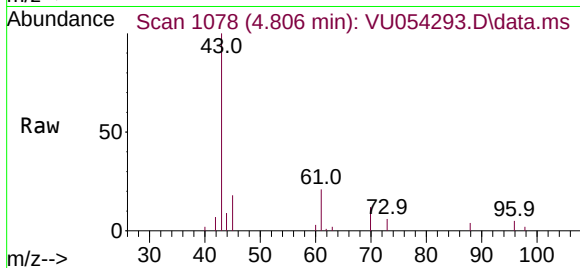
Tgt Ion: 43 Resp: 18465

Ion Ratio Lower Upper

43 100

61 0.0 9.5 14.3#

70 10.0 7.5 11.3



#44

Trichloroethene

Concen: 281.786 ug/l

RT: 6.536 min Scan# 1616

Delta R.T. -0.000 min

Lab File: VU054293.D

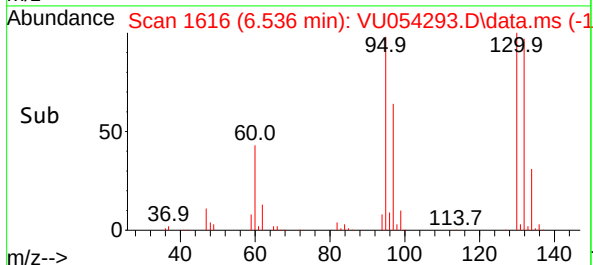
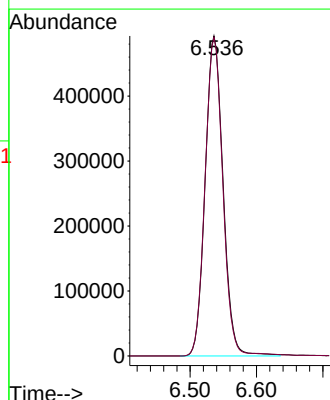
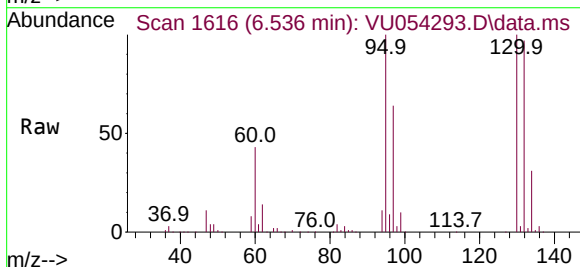
Acq: 26 May 2023 18:12

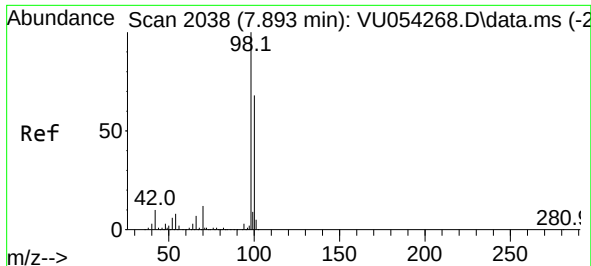
Tgt Ion:130 Resp: 925446

Ion Ratio Lower Upper

130 100

95 99.5 0.0 184.6

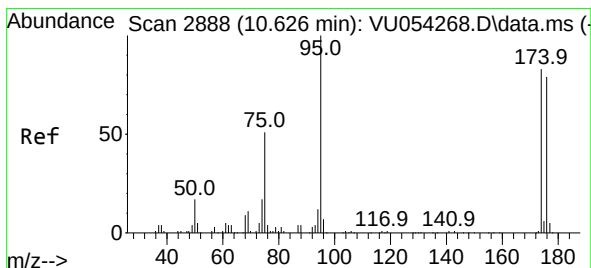
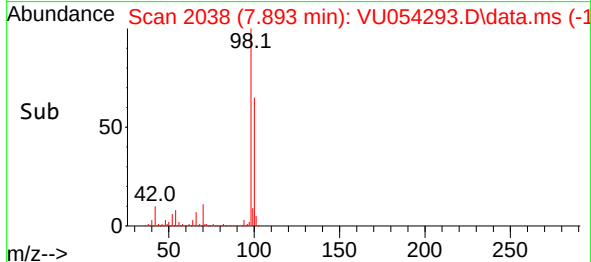
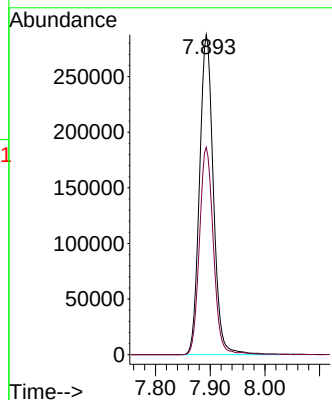
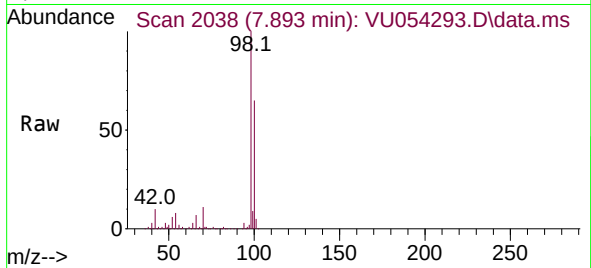




#50
Toluene-d8
Concen: 50.579 ug/l
RT: 7.893 min Scan# 2038
Delta R.T. -0.000 min
Lab File: VU054293.D
Acq: 26 May 2023 18:12

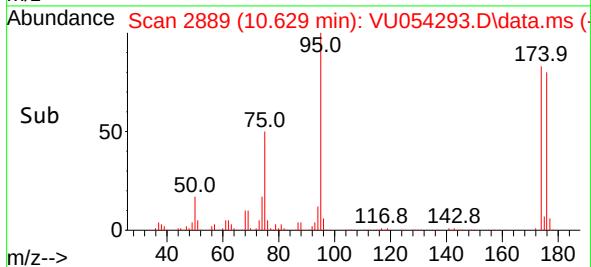
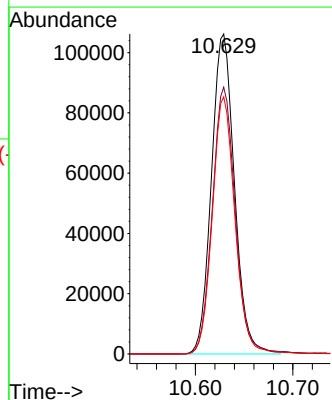
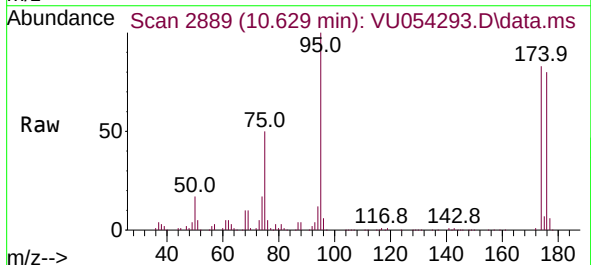
Instrument :
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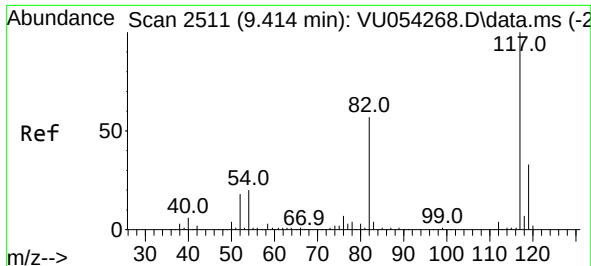
Tgt Ion: 98 Resp: 504516
Ion Ratio Lower Upper
98 100
100 64.8 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 45.060 ug/l
RT: 10.629 min Scan# 2889
Delta R.T. 0.003 min
Lab File: VU054293.D
Acq: 26 May 2023 18:12

Tgt Ion: 95 Resp: 174278
Ion Ratio Lower Upper
95 100
174 83.3 0.0 182.0
176 79.4 0.0 177.8

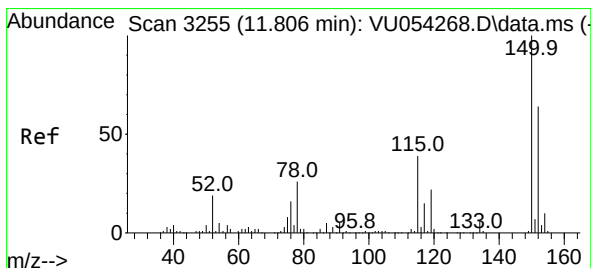
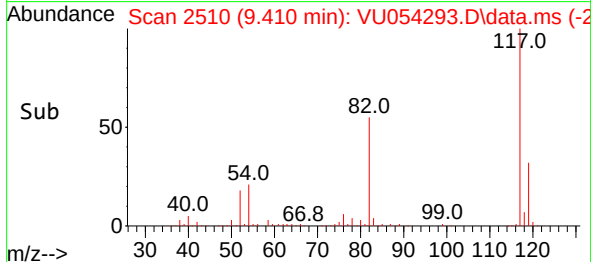
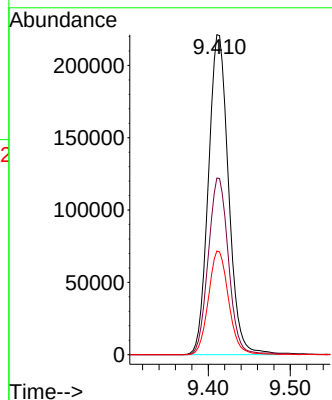
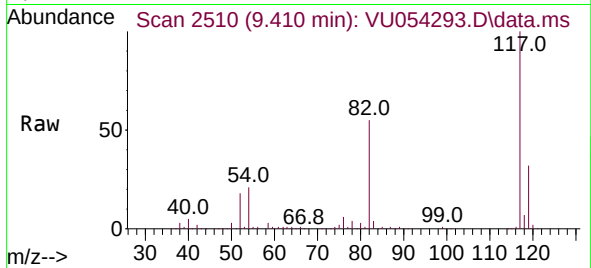




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.410 min Scan# 21
Delta R.T. -0.004 min
Lab File: VU054293.D
Acq: 26 May 2023 18:12

Instrument :
MSVOA_U
ClientSampleId :
60BR-20230524

Tgt Ion:117 Resp: 377150
Ion Ratio Lower Upper
117 100
82 55.2 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: VU054293.D
Acq: 26 May 2023 18:12

Tgt Ion:152 Resp: 188781
Ion Ratio Lower Upper
152 100
115 58.6 37.0 110.9
150 155.8 0.0 342.2

