

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU053123\
 Data File : VU054335.D
 Acq On : 31 May 2023 14:14
 Operator : JC/MD
 Sample : 02936-03 20X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 20BR-20230523

Quant Time: Jun 01 05:15:27 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)

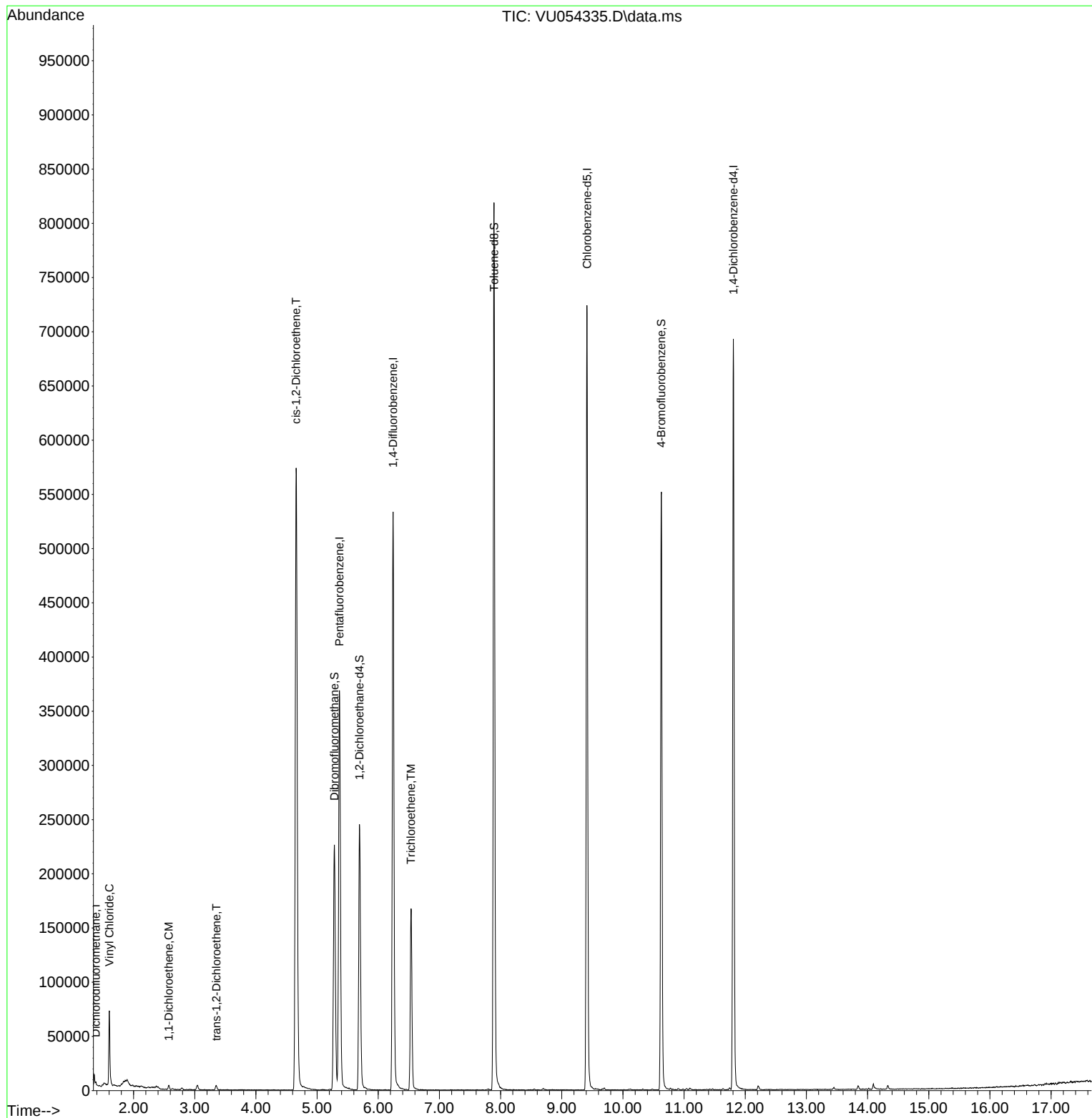
Internal Standards						
1) Pentafluorobenzene	5.366	168	268452	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.243	114	441880	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.414	117	411617	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.806	152	190100	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.694	65	182793	51.943	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 103.880%	
35) Dibromofluoromethane	5.282	113	149108	52.399	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.800%	
50) Toluene-d8	7.893	98	552701	51.064	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 102.120%	
62) 4-Bromofluorobenzene	10.629	95	182985	43.601	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 87.200%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.382	85	1509	0.504	ug/l	96
4) Vinyl Chloride	1.604	62	53252	14.223	ug/l	99
12) 1,1-Dichloroethene	2.575	96	987	0.342	ug/l #	82
21) trans-1,2-Dichloroethene	3.353	96	1930	0.624	ug/l	97
27) cis-1,2-Dichloroethene	4.658	96	315383	91.706	ug/l	94
44) Trichloroethene	6.536	130	59349	16.654	ug/l	94

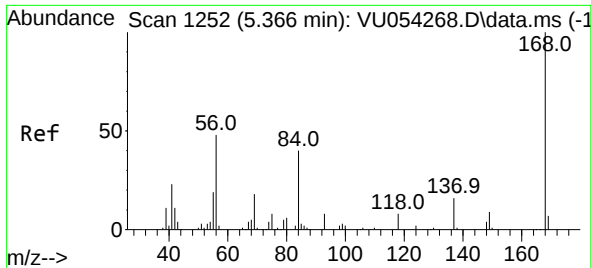
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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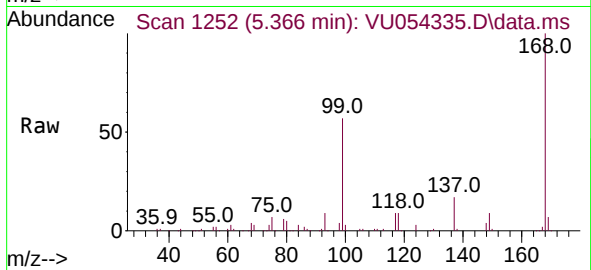
Quant Time: Jun 01 05:15:27 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052523W.M
Quant Title : SW846 8260
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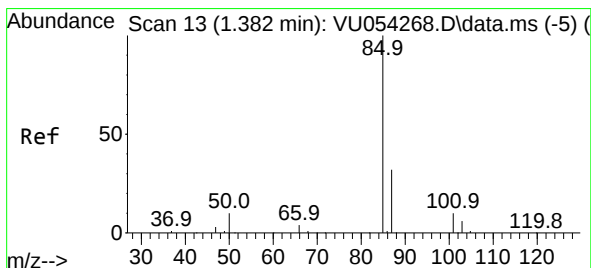
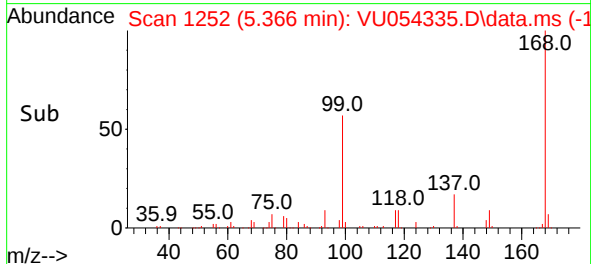
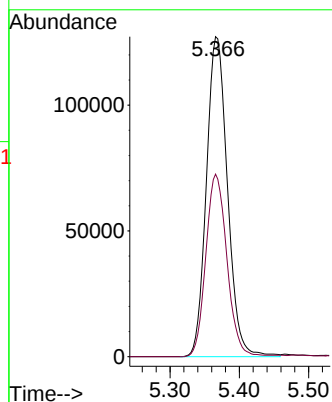


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.366 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU054335.D
Acq: 31 May 2023 14:14

Instrument :
MSVOA_U
ClientSampleId :
20BR-20230523

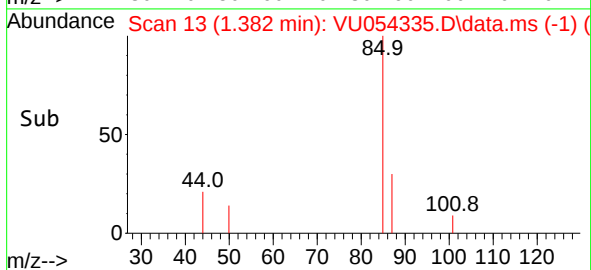
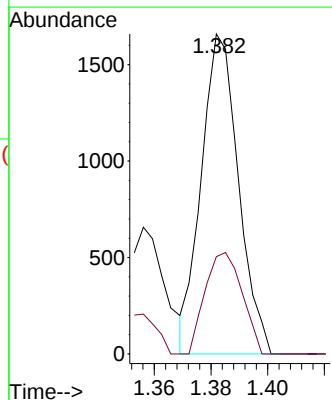
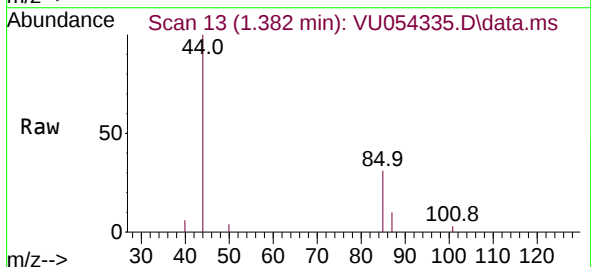


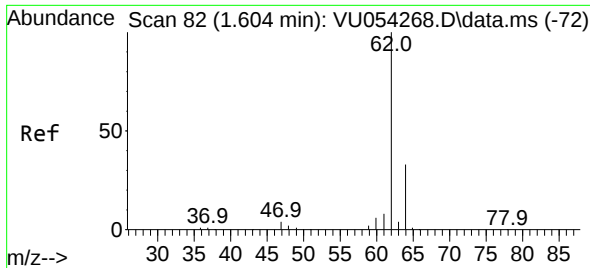
Tgt Ion:168 Resp: 268452
Ion Ratio Lower Upper
168 100
99 57.1 39.3 58.9



#2
Dichlorodifluoromethane
Concen: 0.504 ug/l
RT: 1.382 min Scan# 13
Delta R.T. -0.000 min
Lab File: VU054335.D
Acq: 31 May 2023 14:14

Tgt Ion: 85 Resp: 1509
Ion Ratio Lower Upper
85 100
87 30.4 16.4 49.2

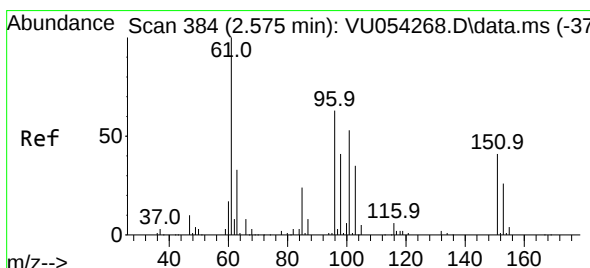
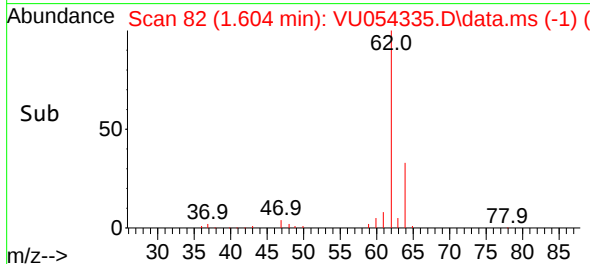
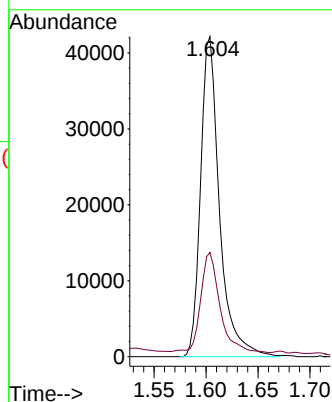
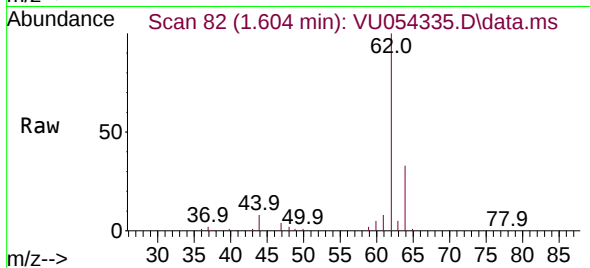




#4
 Vinyl Chloride
 Concen: 14.223 ug/l
 RT: 1.604 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU054335.D
 Acq: 31 May 2023 14:14

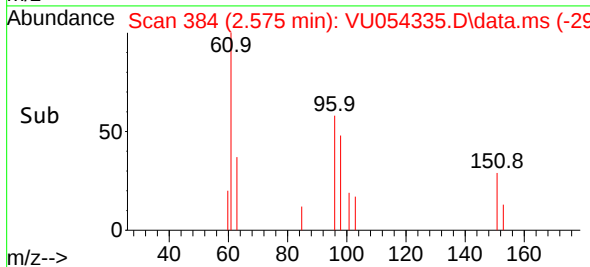
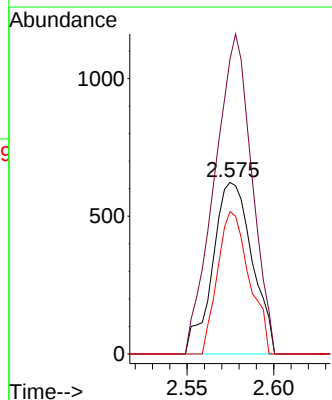
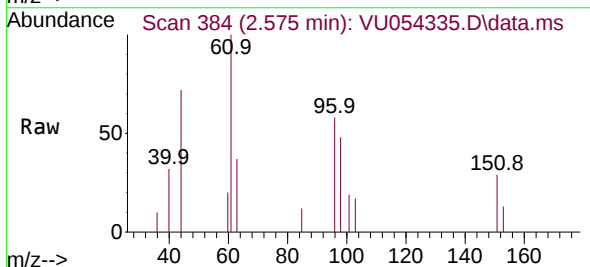
Instrument :
 MSVOA_U
 ClientSampleId :
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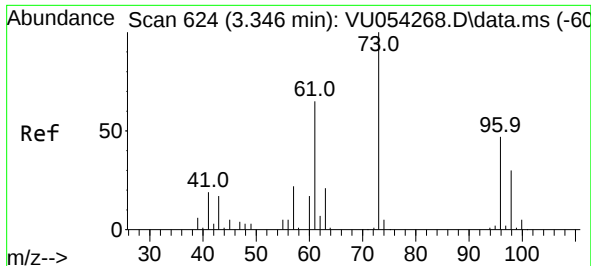
Tgt Ion: 62 Resp: 53252
 Ion Ratio Lower Upper
 62 100
 64 30.8 25.3 37.9



#12
 1,1-Dichloroethene
 Concen: 0.342 ug/l
 RT: 2.575 min Scan# 384
 Delta R.T. -0.000 min
 Lab File: VU054335.D
 Acq: 31 May 2023 14:14

Tgt Ion: 96 Resp: 987
 Ion Ratio Lower Upper
 96 100
 61 171.6 122.2 183.2
 98 83.0 50.7 76.1#

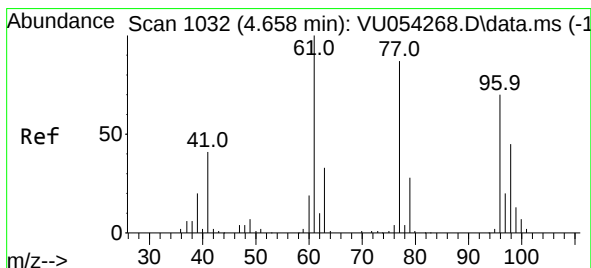
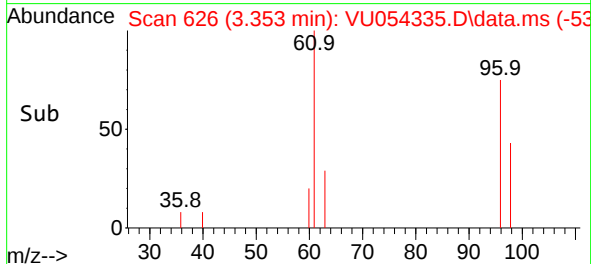
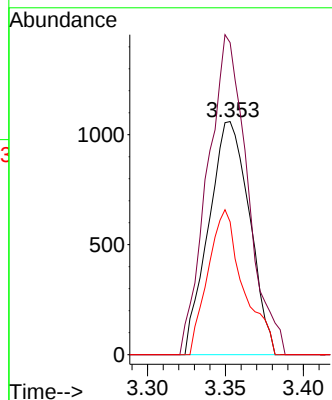
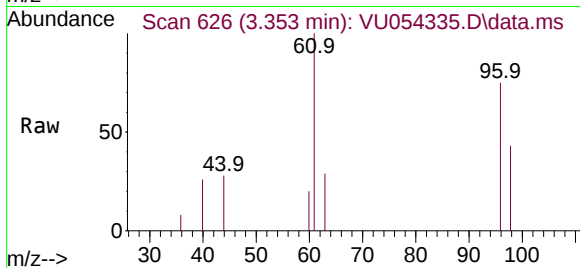




#21
trans-1,2-Dichloroethene
Concen: 0.624 ug/l
RT: 3.353 min Scan# 61
Delta R.T. 0.007 min
Lab File: VU054335.D
Acq: 31 May 2023 14:14

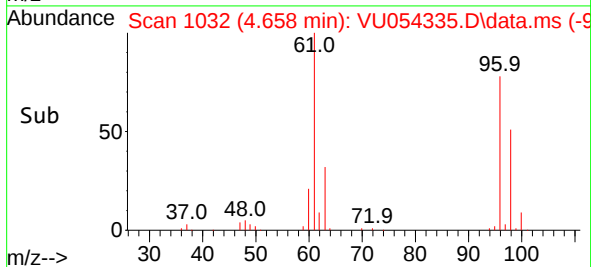
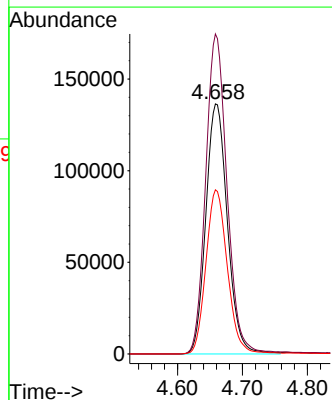
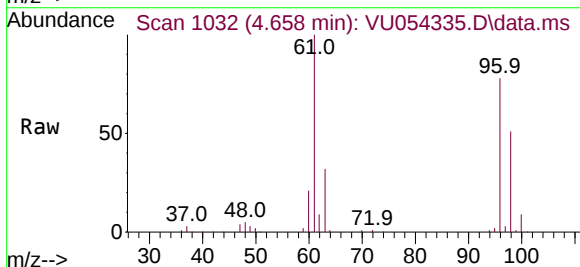
Instrument :
MSVOA_U
ClientSampleId :
20BR-20230523

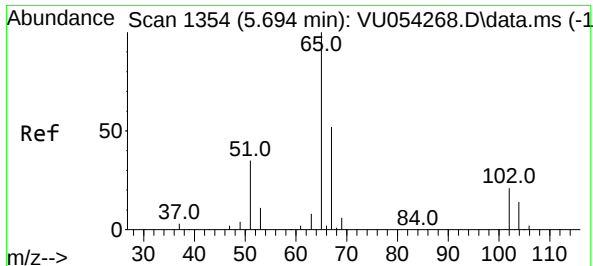
Tgt Ion: 96 Resp: 1930
Ion Ratio Lower Upper
96 100
61 133.9 106.1 159.1
98 57.0 50.8 76.2



#27
cis-1,2-Dichloroethene
Concen: 91.706 ug/l
RT: 4.658 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VU054335.D
Acq: 31 May 2023 14:14

Tgt Ion: 96 Resp: 315383
Ion Ratio Lower Upper
96 100
61 126.7 0.0 271.6
98 65.2 0.0 128.2





#33

1,2-Dichloroethane-d4

Concen: 51.943 ug/l

RT: 5.694 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU054335.D

Acq: 31 May 2023 14:14

Instrument :

MSVOA_U

ClientSampleId :

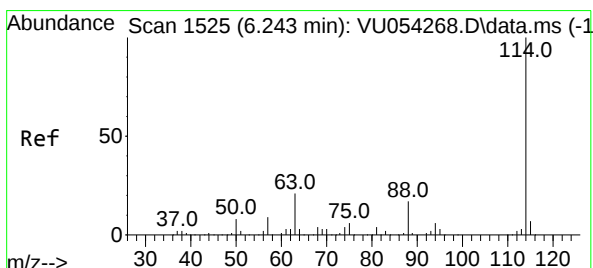
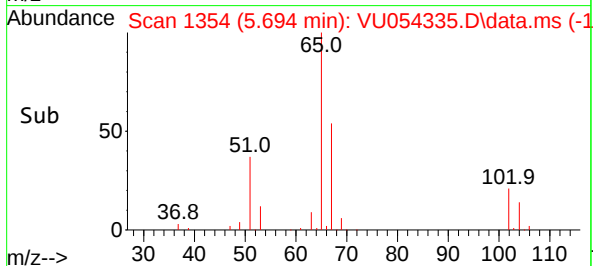
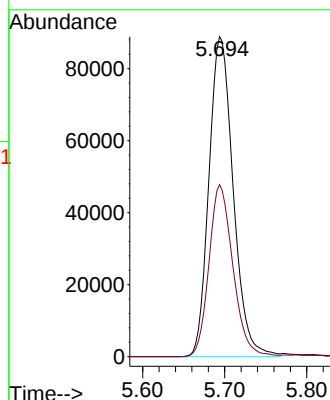
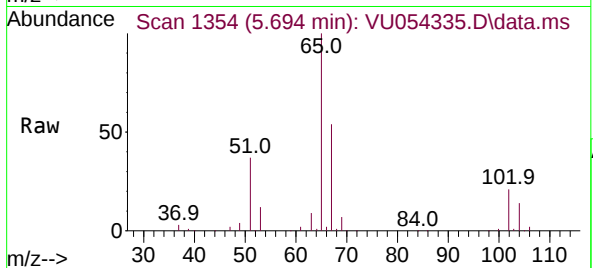
20BR-20230523

Tgt Ion: 65 Resp: 182793

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# 1525

Delta R.T. 0.000 min

Lab File: VU054335.D

Acq: 31 May 2023 14:14

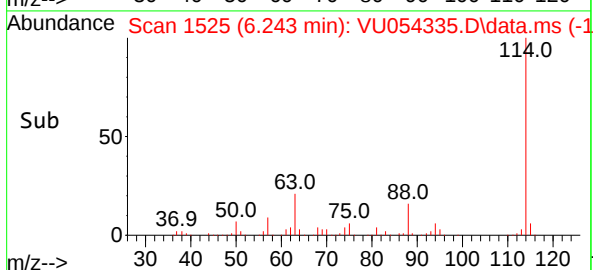
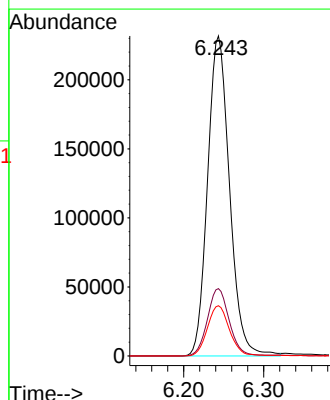
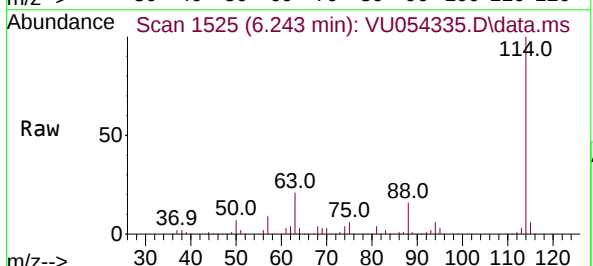
Tgt Ion:114 Resp: 441880

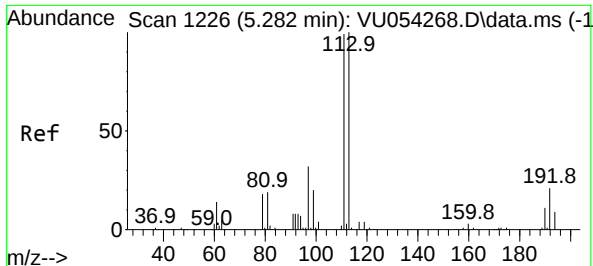
Ion Ratio Lower Upper

114 100

63 21.0 0.0 37.8

88 15.7 0.0 29.2

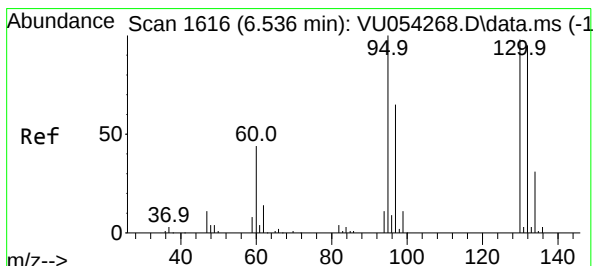
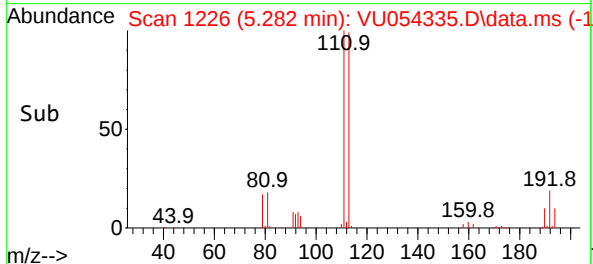
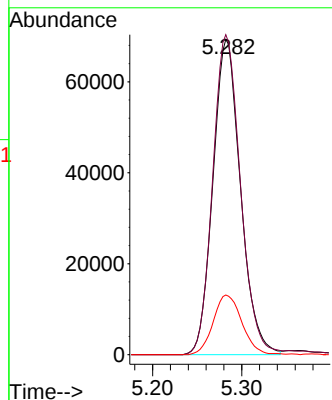
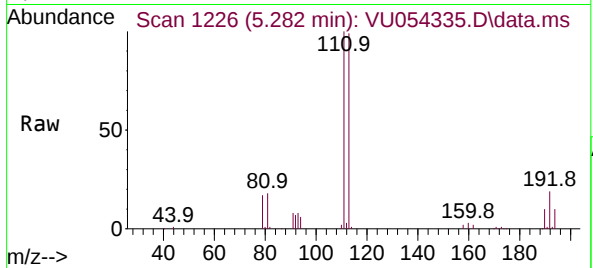




#35
 Dibromofluoromethane
 Concen: 52.399 ug/l
 RT: 5.282 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VU054335.D
 Acq: 31 May 2023 14:14

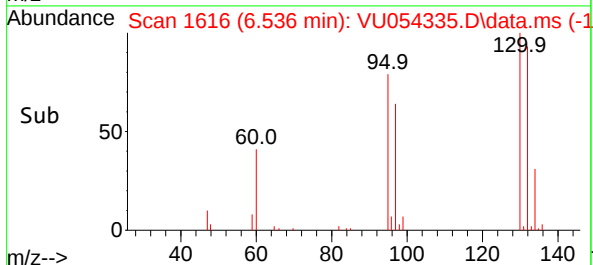
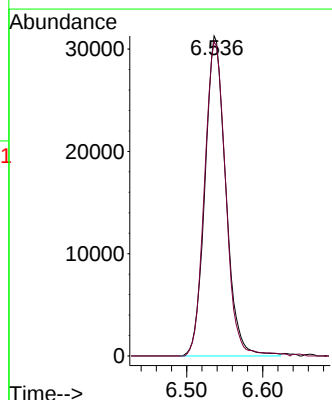
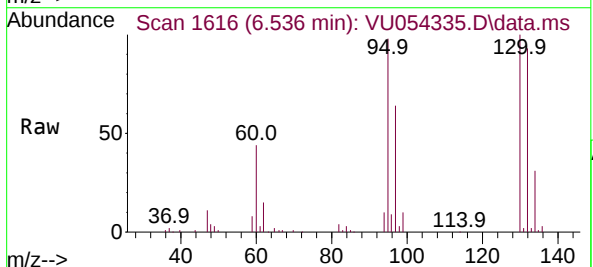
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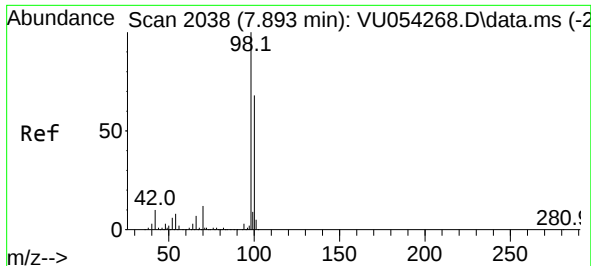
Tgt Ion:113 Resp: 149108
 Ion Ratio Lower Upper
 113 100
 111 102.1 82.1 123.1
 192 19.6 18.0 27.0



#44
 Trichloroethene
 Concen: 16.654 ug/l
 RT: 6.536 min Scan# 1616
 Delta R.T. 0.000 min
 Lab File: VU054335.D
 Acq: 31 May 2023 14:14

Tgt Ion:130 Resp: 59349
 Ion Ratio Lower Upper
 130 100
 95 98.2 0.0 184.6

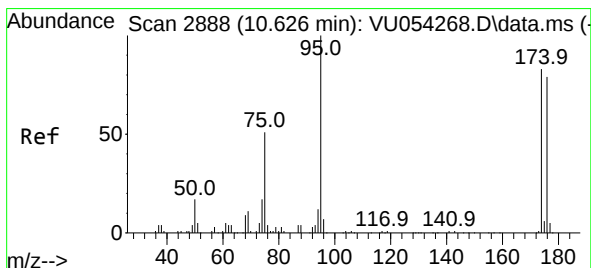
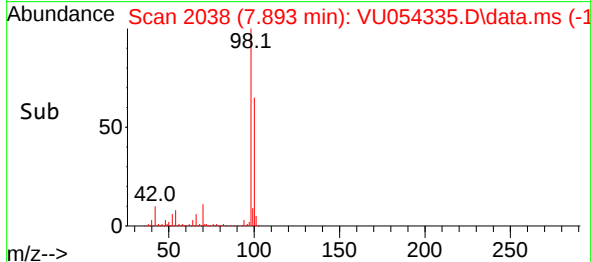
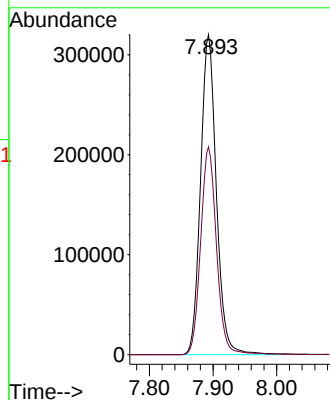
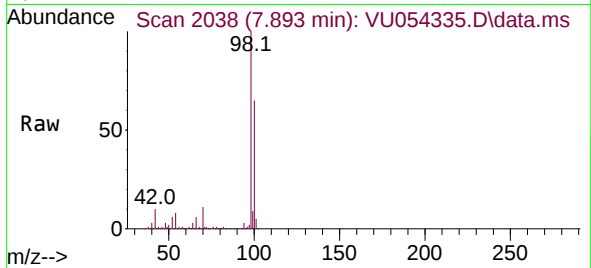




#50
Toluene-d8
Concen: 51.064 ug/l
RT: 7.893 min Scan# 2038
Delta R.T. -0.000 min
Lab File: VU054335.D
Acq: 31 May 2023 14:14

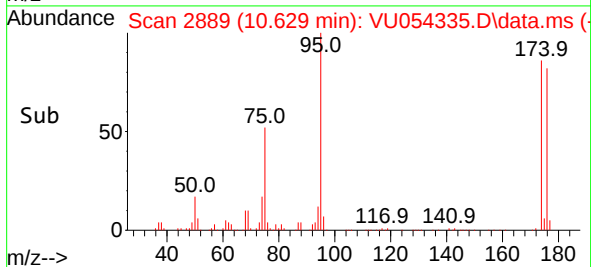
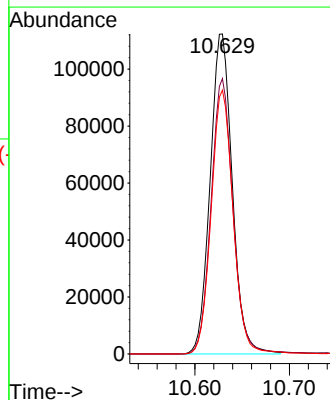
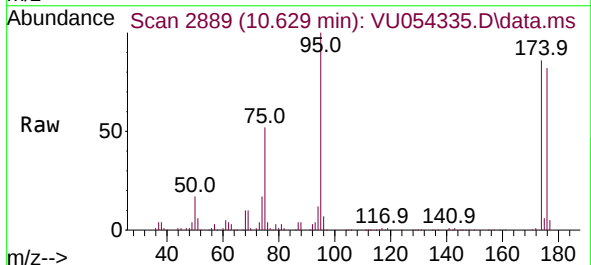
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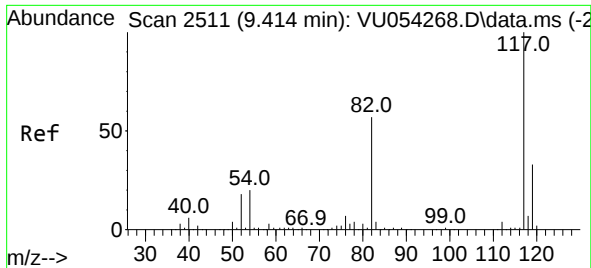
Tgt Ion: 98 Resp: 552701
Ion Ratio Lower Upper
98 100
100 65.0 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 43.601 ug/l
RT: 10.629 min Scan# 2889
Delta R.T. 0.003 min
Lab File: VU054335.D
Acq: 31 May 2023 14:14

Tgt Ion: 95 Resp: 182985
Ion Ratio Lower Upper
95 100
174 85.1 0.0 182.0
176 82.0 0.0 177.8

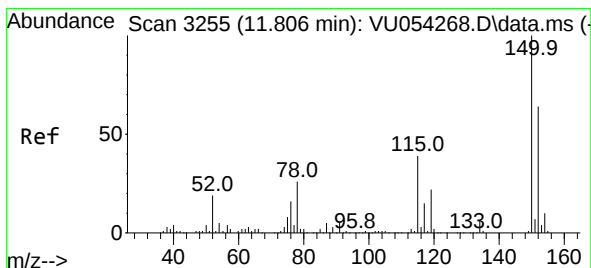
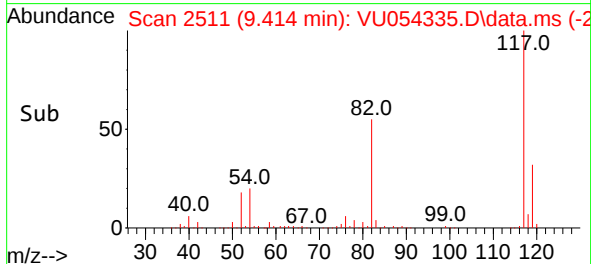
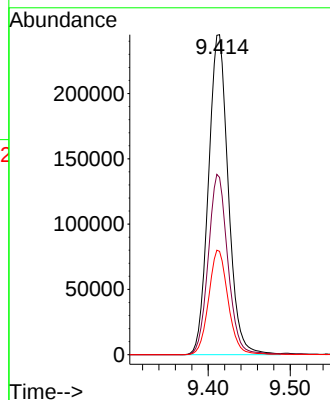
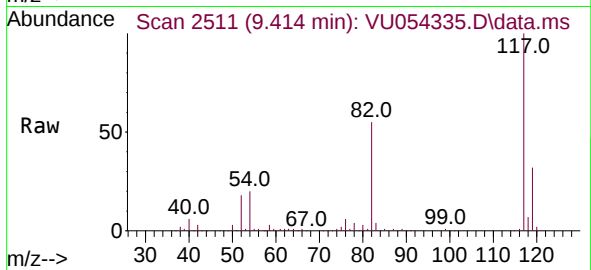




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.414 min Scan# 2511
Delta R.T. -0.000 min
Lab File: VU054335.D
Acq: 31 May 2023 14:14

Instrument :
MSVOA_U
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20BR-20230523

Tgt Ion:117 Resp: 411617
Ion Ratio Lower Upper
117 100
82 55.4 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: VU054335.D
Acq: 31 May 2023 14:14

Tgt Ion:152 Resp: 190100
Ion Ratio Lower Upper
152 100
115 57.8 37.0 110.9
150 157.1 0.0 342.2

