

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU053123\
 Data File : VU054363.D
 Acq On : 01 Jun 2023 01:42
 Operator : JC/MD
 Sample : 02972-05
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TP-12-0A

Quant Time: Jun 01 06:41:05 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)

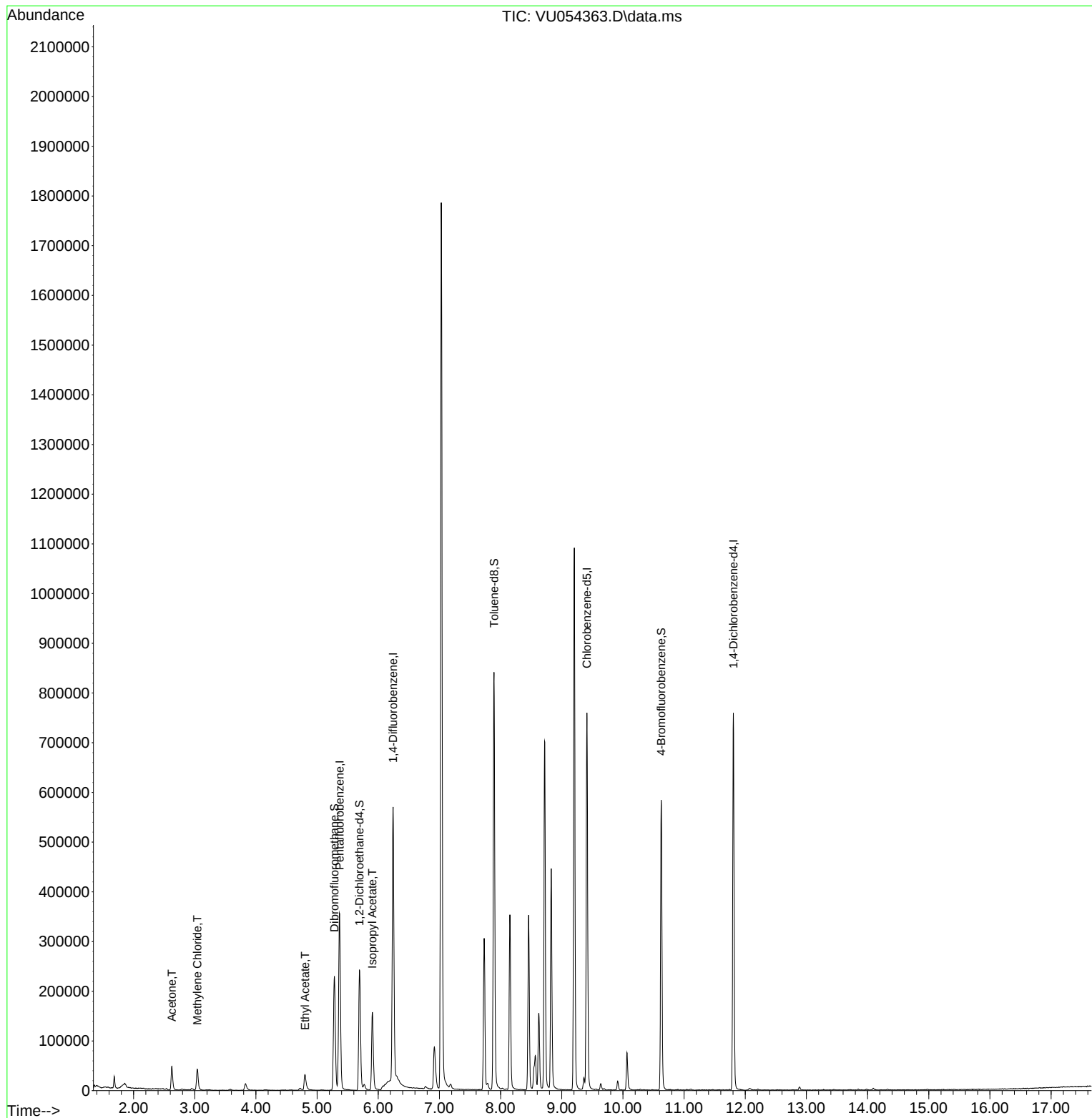
Internal Standards						
1) Pentafluorobenzene	5.369	168	256684	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.244	114	449879	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.411	117	428504	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.806	152	206141	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.694	65	182238	54.159	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	108.320%
35) Dibromofluoromethane	5.282	113	151013	52.125	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.260%
50) Toluene-d8	7.893	98	560799	50.891	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.780%
62) 4-Bromofluorobenzene	10.626	95	192078	44.953	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.900%
Target Compounds						
						Qvalue
16) Acetone	2.626	43	55851	28.957	ug/l	94
20) Methylene Chloride	3.041	84	23060	6.627	ug/l	98
37) Ethyl Acetate	4.803	43	46759	8.432	ug/l #	94
43) Isopropyl Acetate	5.903	43	165752	21.669	ug/l	98

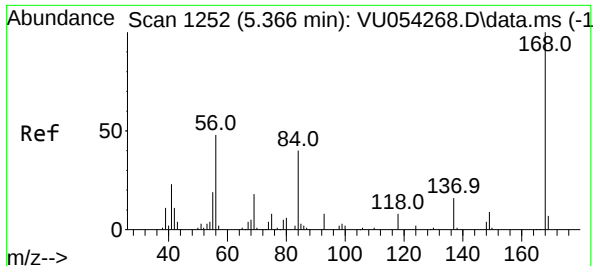
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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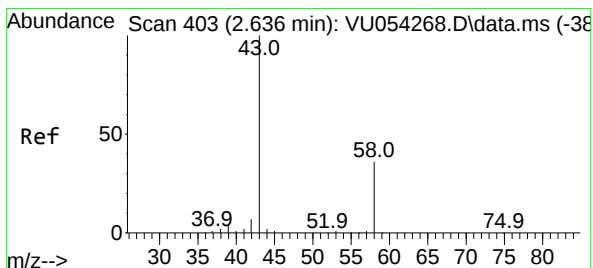
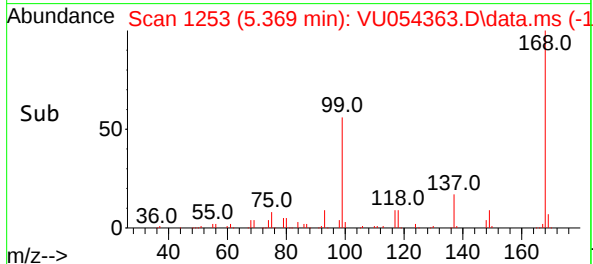
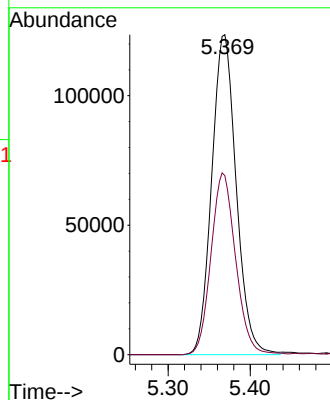
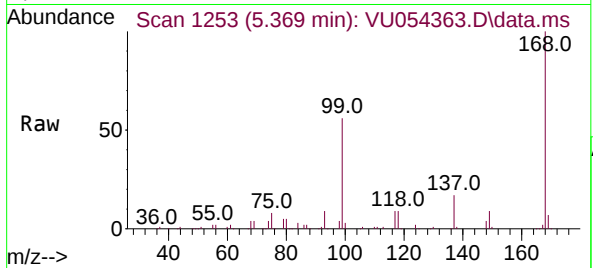




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.369 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU054363.D
Acq: 01 Jun 2023 01:42

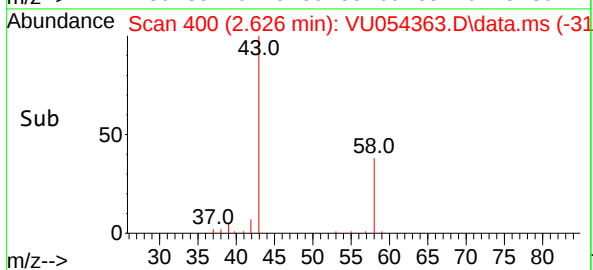
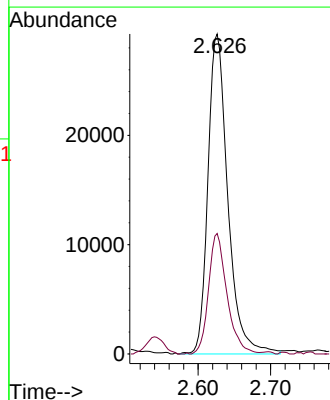
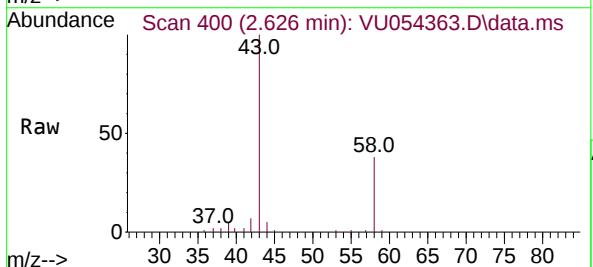
Instrument :
MSVOA_U
ClientSampleId :
TP-12-0A

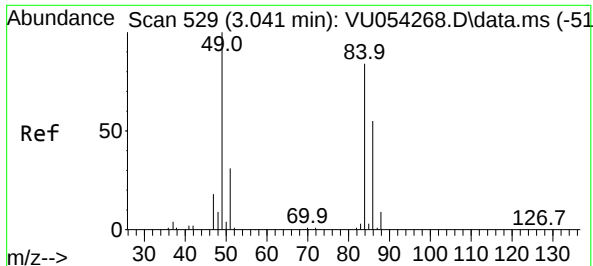
Tgt Ion:168 Resp: 256684
Ion Ratio Lower Upper
168 100
99 55.9 39.3 58.9



#16
Acetone
Concen: 28.957 ug/l
RT: 2.626 min Scan# 400
Delta R.T. -0.010 min
Lab File: VU054363.D
Acq: 01 Jun 2023 01:42

Tgt Ion: 43 Resp: 55851
Ion Ratio Lower Upper
43 100
58 37.6 27.5 41.3

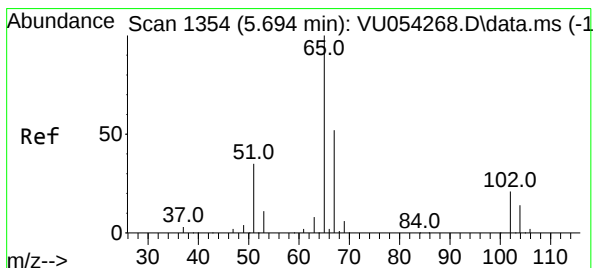
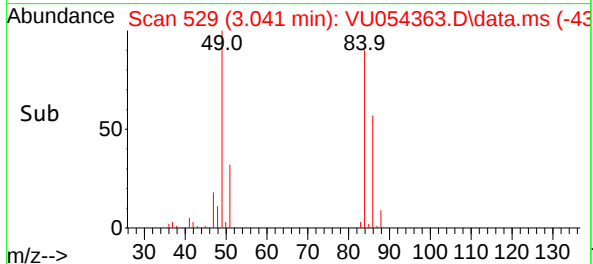
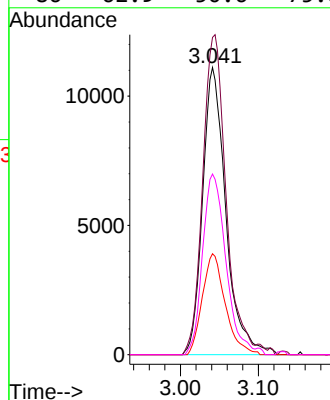
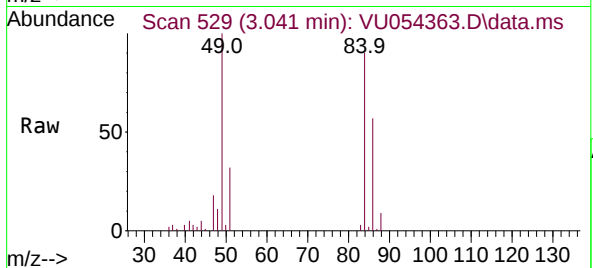




#20
Methylene Chloride
Concen: 6.627 ug/l
RT: 3.041 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU054363.D
Acq: 01 Jun 2023 01:42

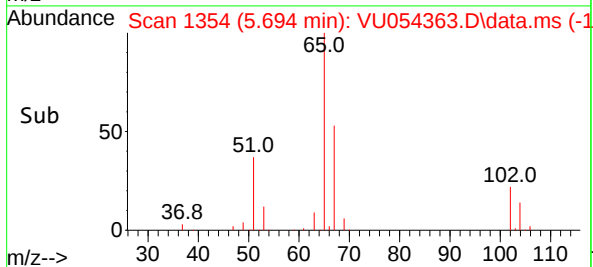
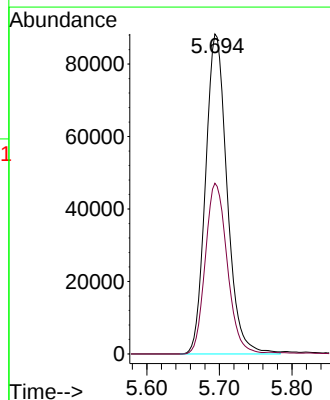
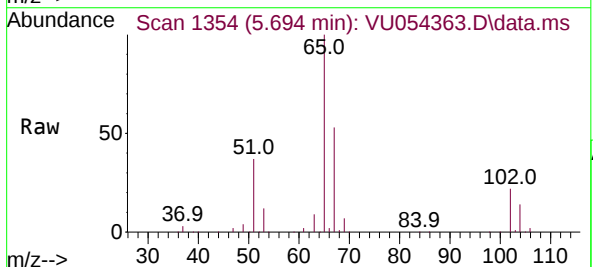
Instrument :
MSVOA_U
ClientSampleId :
TP-12-0A

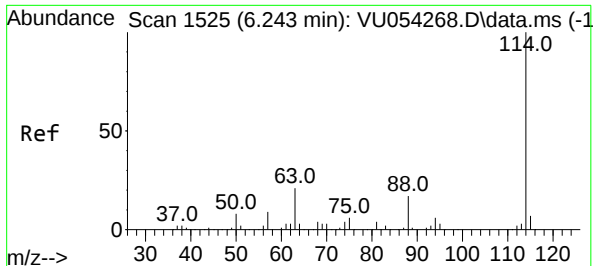
Tgt Ion: 84	Resp: 23060
Ion Ratio	Lower Upper
84 100	
49 110.5	86.6 129.8
51 35.1	26.6 40.0
86 62.9	50.6 75.8



#33
1,2-Dichloroethane-d4
Concen: 54.159 ug/l
RT: 5.694 min Scan# 1354
Delta R.T. -0.000 min
Lab File: VU054363.D
Acq: 01 Jun 2023 01:42

Tgt Ion: 65	Resp: 182238
Ion Ratio	Lower Upper
65 100	
67 54.2	0.0 108.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.244 min Scan# 1

Delta R.T. 0.001 min

Lab File: VU054363.D

Acq: 01 Jun 2023 01:42

Instrument :

MSVOA_U

ClientSampleId :

TP-12-0A

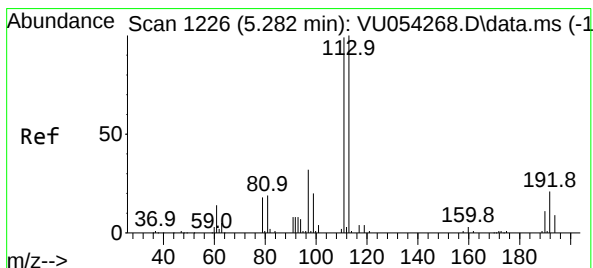
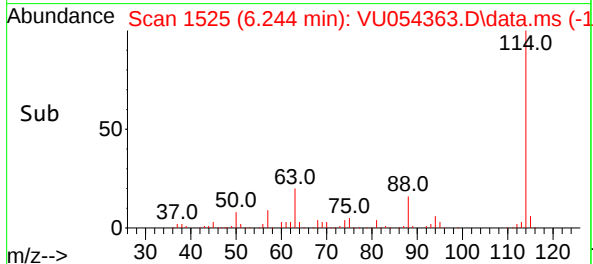
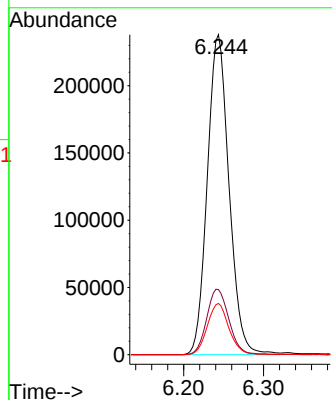
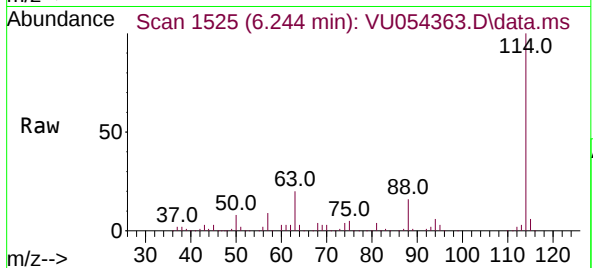
Tgt Ion:114 Resp: 449879

Ion Ratio Lower Upper

114 100

63 20.4 0.0 37.8

88 16.0 0.0 29.2



#35

Dibromofluoromethane

Concen: 52.125 ug/l

RT: 5.282 min Scan# 1226

Delta R.T. 0.000 min

Lab File: VU054363.D

Acq: 01 Jun 2023 01:42

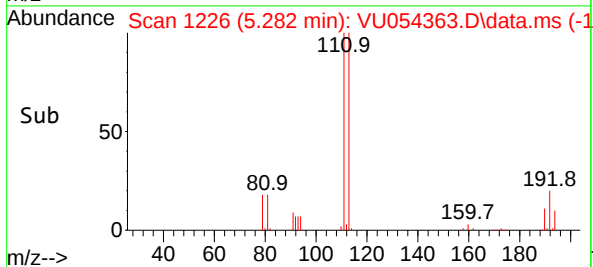
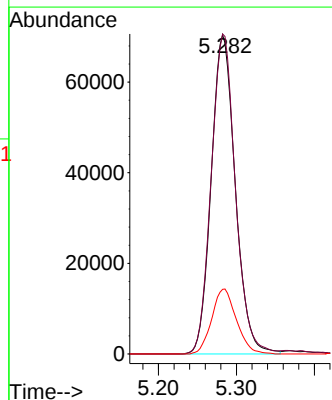
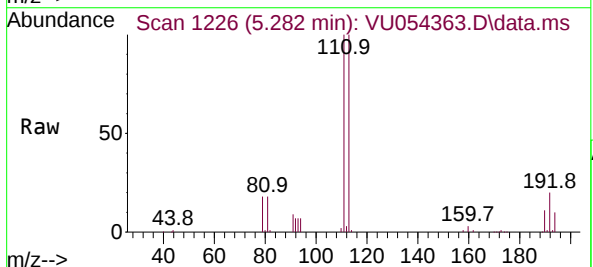
Tgt Ion:113 Resp: 151013

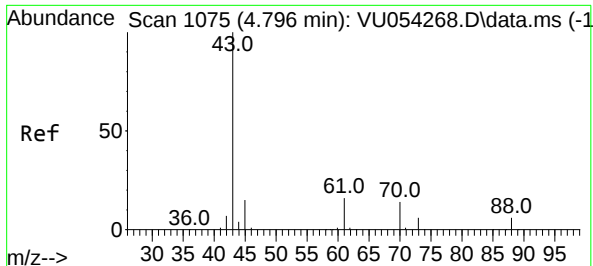
Ion Ratio Lower Upper

113 100

111 100.8 82.1 123.1

192 20.9 18.0 27.0





#37

Ethyl Acetate

Concen: 8.432 ug/l

RT: 4.803 min Scan# 1

Delta R.T. 0.007 min

Lab File: VU054363.D

Acq: 01 Jun 2023 01:42

Instrument :

MSVOA_U

ClientSampleId :

TP-12-0A

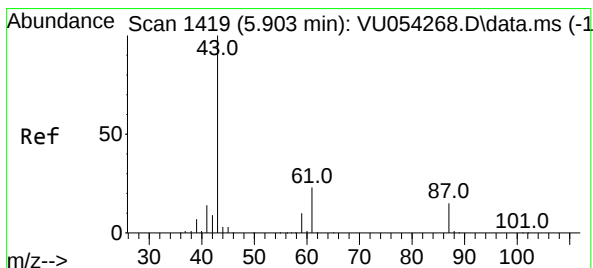
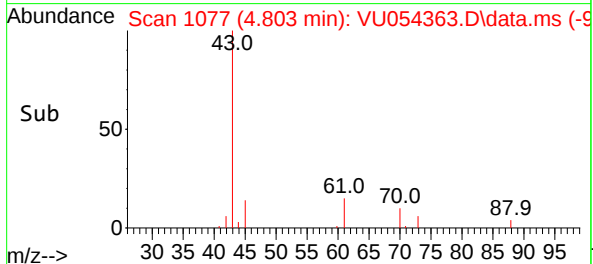
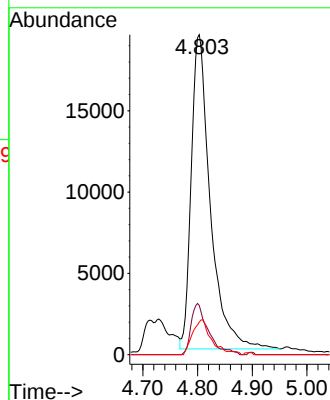
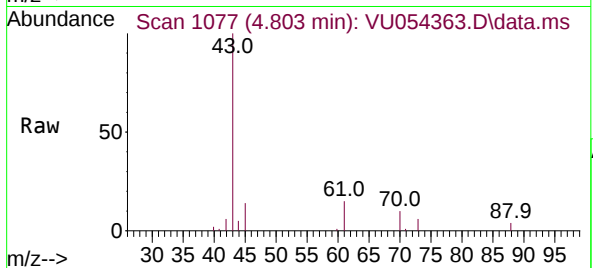
Tgt Ion: 43 Resp: 46759

Ion Ratio Lower Upper

43 100

61 14.7 9.5 14.3#

70 11.1 7.5 11.3



#43

Isopropyl Acetate

Concen: 21.669 ug/l

RT: 5.903 min Scan# 1419

Delta R.T. -0.000 min

Lab File: VU054363.D

Acq: 01 Jun 2023 01:42

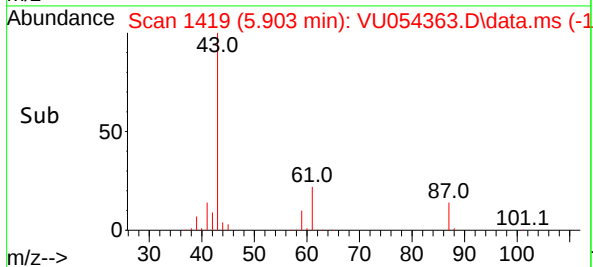
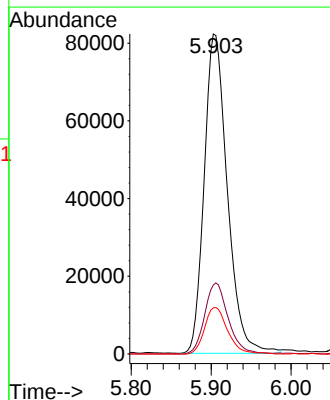
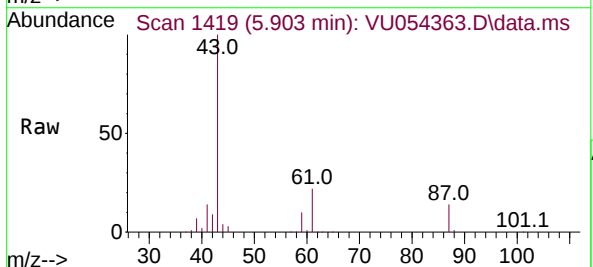
Tgt Ion: 43 Resp: 165752

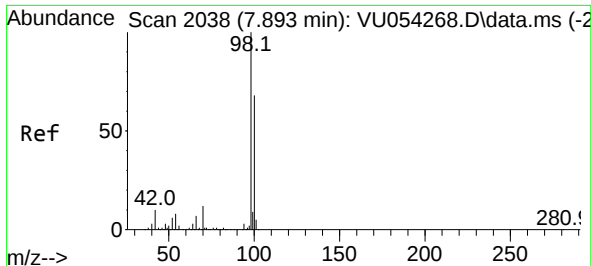
Ion Ratio Lower Upper

43 100

61 22.5 17.4 26.0

87 14.3 12.6 18.8

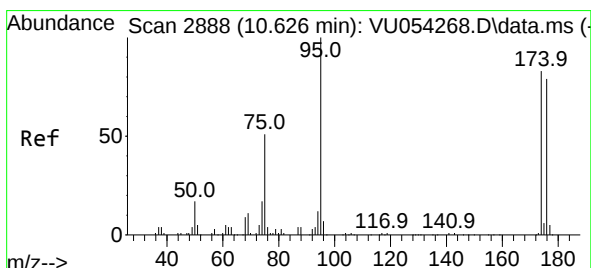
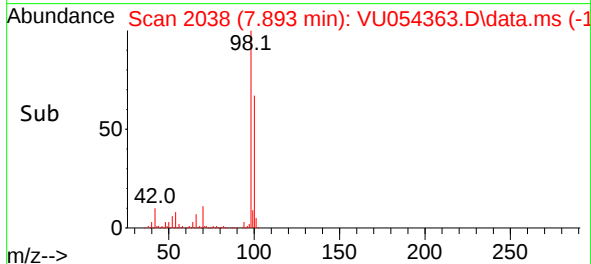
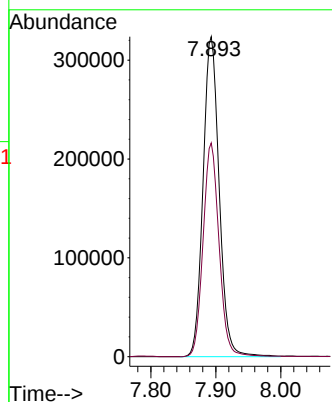
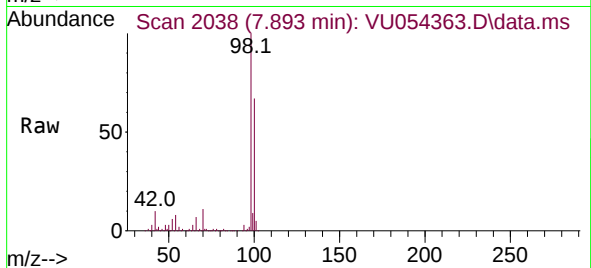




#50
Toluene-d8
Concen: 50.891 ug/l
RT: 7.893 min Scan# 2038
Delta R.T. -0.000 min
Lab File: VU054363.D
Acq: 01 Jun 2023 01:42

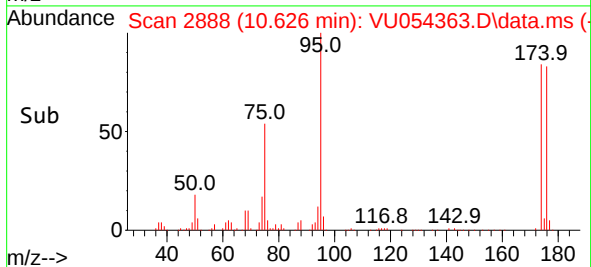
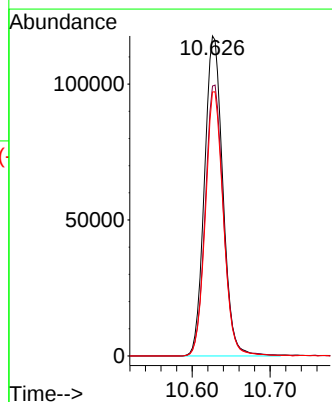
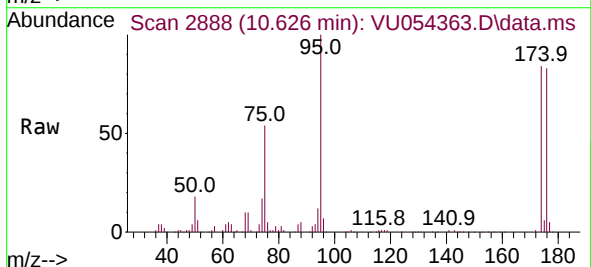
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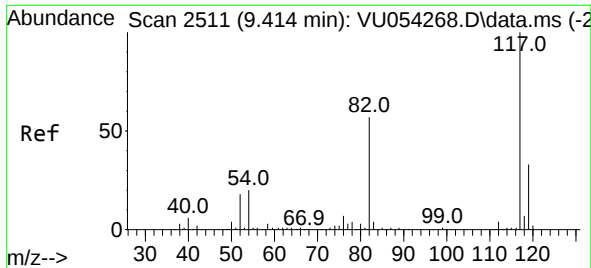
Tgt Ion: 98 Resp: 560799
Ion Ratio Lower Upper
98 100
100 66.0 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 44.953 ug/l
RT: 10.626 min Scan# 2888
Delta R.T. -0.000 min
Lab File: VU054363.D
Acq: 01 Jun 2023 01:42

Tgt Ion: 95 Resp: 192078
Ion Ratio Lower Upper
95 100
174 84.6 0.0 182.0
176 81.1 0.0 177.8

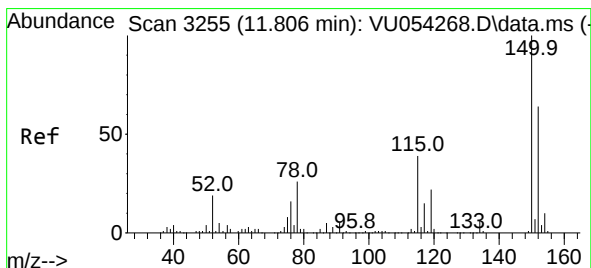
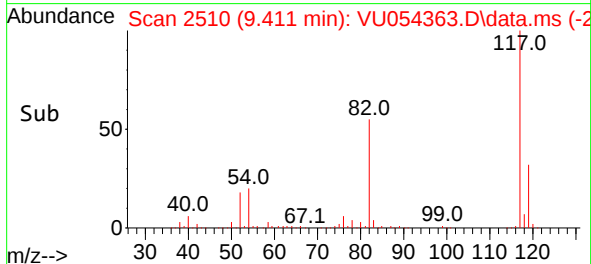
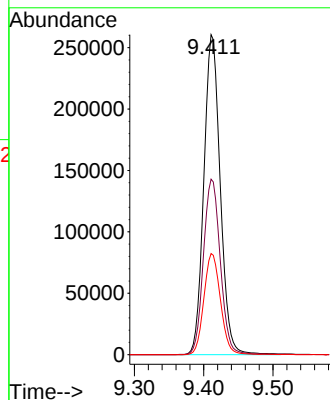
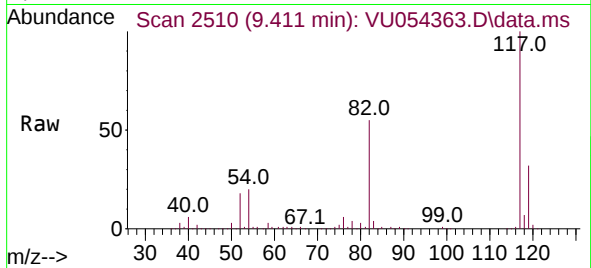




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.411 min Scan# 2510
Delta R.T. -0.003 min
Lab File: VU054363.D
Acq: 01 Jun 2023 01:42

Instrument :
MSVOA_U
ClientSampleId :
TP-12-0A

Tgt Ion:117 Resp: 428504
Ion Ratio Lower Upper
117 100
82 54.8 41.7 62.5
119 31.6 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: VU054363.D
Acq: 01 Jun 2023 01:42

Tgt Ion:152 Resp: 206141
Ion Ratio Lower Upper
152 100
115 57.8 37.0 110.9
150 156.4 0.0 342.2

