

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU053123\
 Data File : VU054369.D
 Acq On : 01 Jun 2023 04:04
 Operator : JC/MD
 Sample : 02981-05
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TP-4

Quant Time: Jun 01 06:43:38 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)

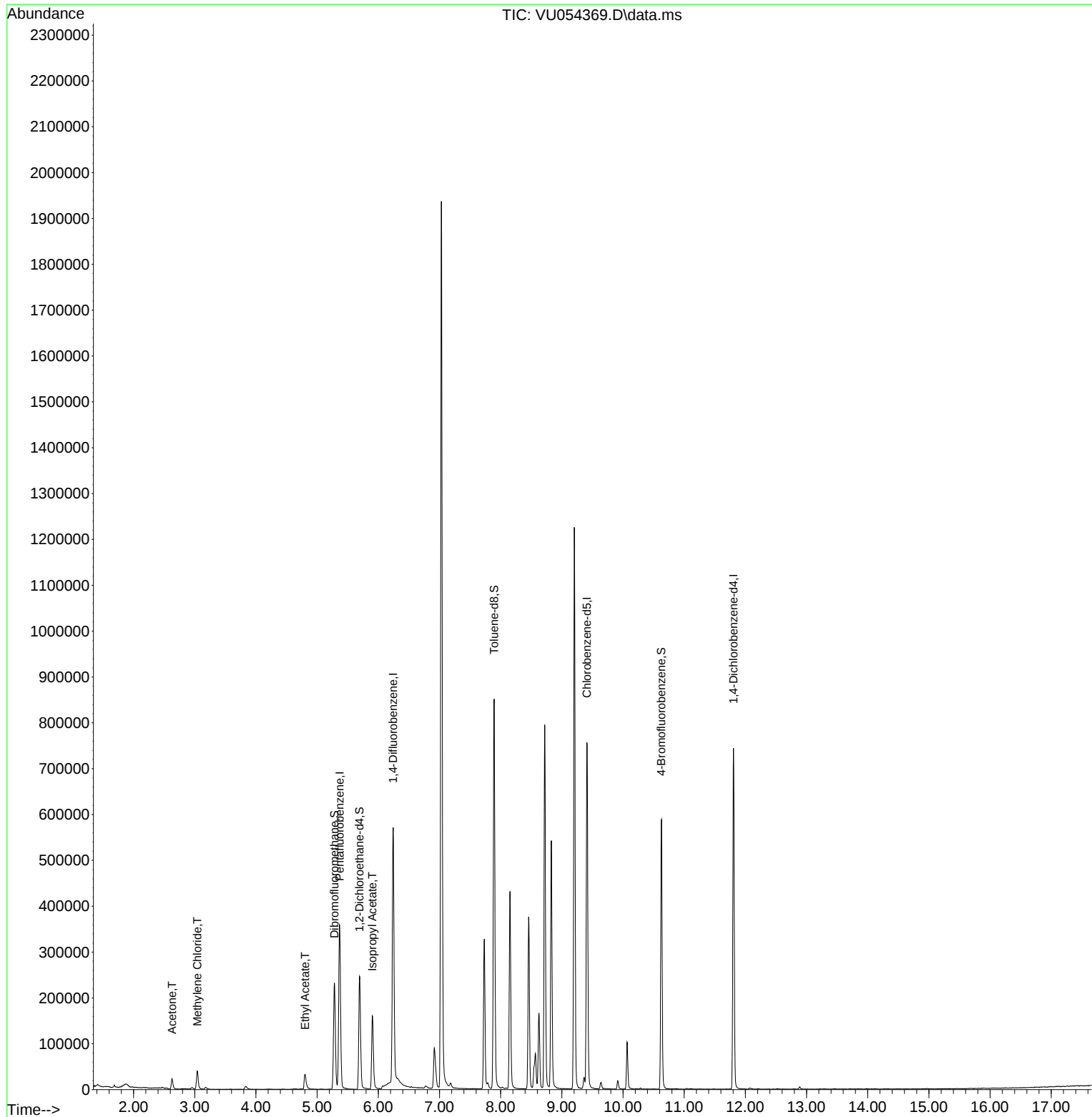
Internal Standards						
1) Pentafluorobenzene	5.369	168	260272	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.244	114	455910	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.411	117	430530	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.806	152	199541	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.694	65	183947	53.913	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 107.820%	
35) Dibromofluoromethane	5.282	113	150634	51.307	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.620%	
50) Toluene-d8	7.893	98	574335	51.429	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 102.860%	
62) 4-Bromofluorobenzene	10.626	95	194277	44.867	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 89.740%	
Target Compounds						
						Qvalue
16) Acetone	2.630	43	27569	14.097	ug/l	94
20) Methylene Chloride	3.041	84	21206	6.010	ug/l	91
37) Ethyl Acetate	4.803	43	46679	8.306	ug/l #	92
43) Isopropyl Acetate	5.903	43	175160	22.596	ug/l	99

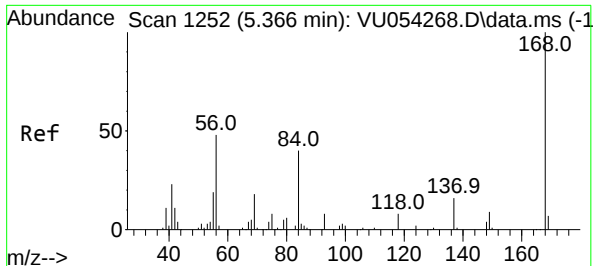
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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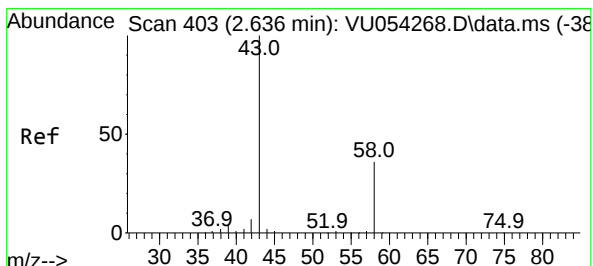
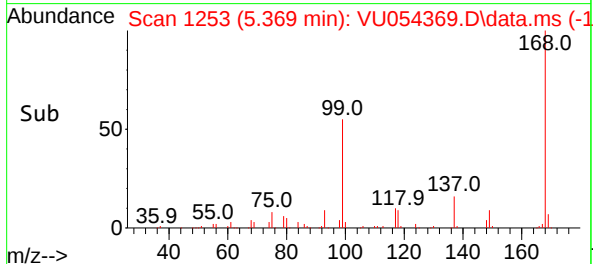
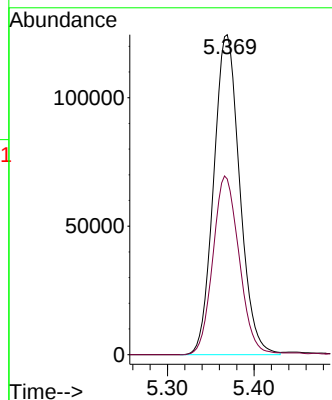
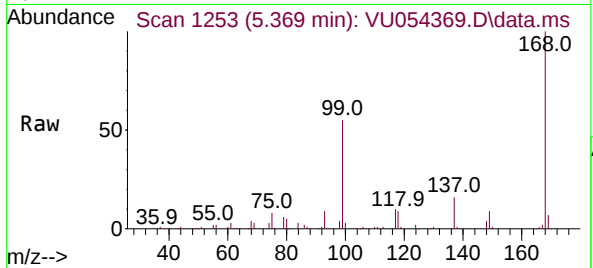




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.369 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU054369.D
Acq: 01 Jun 2023 04:04

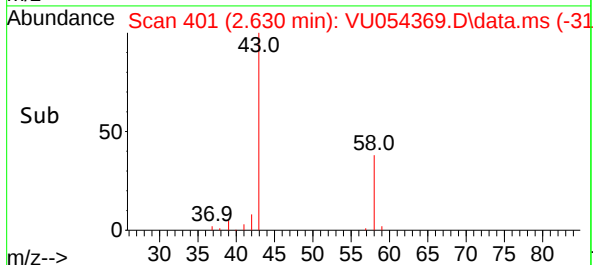
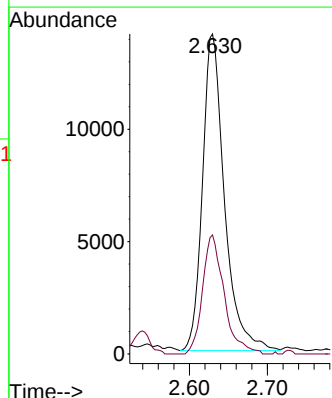
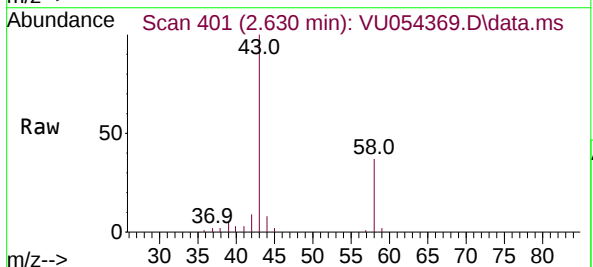
Instrument :
MSVOA_U
ClientSampleId :
TP-4

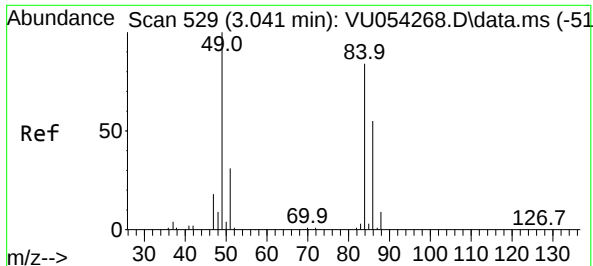
Tgt Ion:168 Resp: 260272
Ion Ratio Lower Upper
168 100
99 54.9 39.3 58.9



#16
Acetone
Concen: 14.097 ug/l
RT: 2.630 min Scan# 401
Delta R.T. -0.006 min
Lab File: VU054369.D
Acq: 01 Jun 2023 04:04

Tgt Ion: 43 Resp: 27569
Ion Ratio Lower Upper
43 100
58 37.6 27.5 41.3

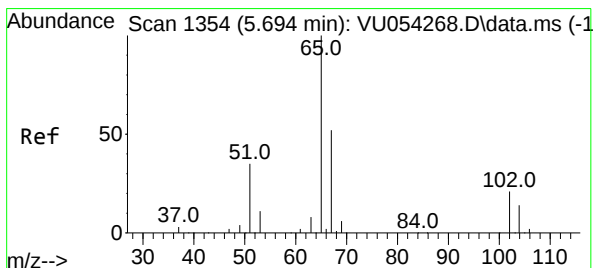
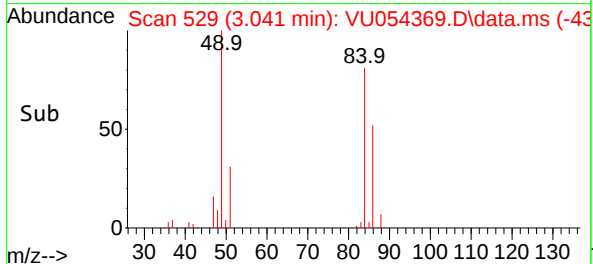
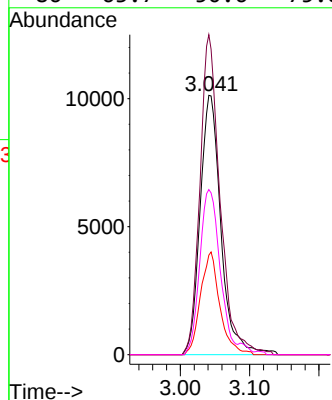
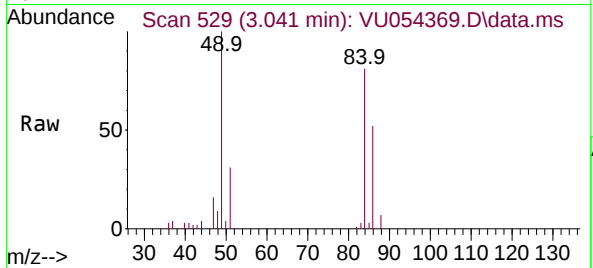




#20
Methylene Chloride
Concen: 6.010 ug/l
RT: 3.041 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU054369.D
Acq: 01 Jun 2023 04:04

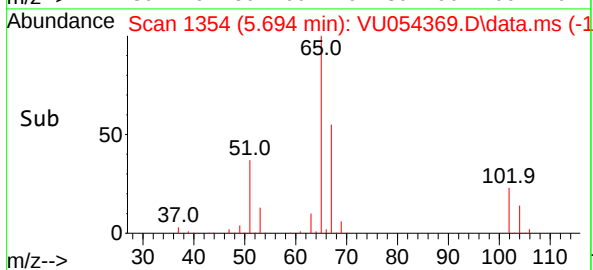
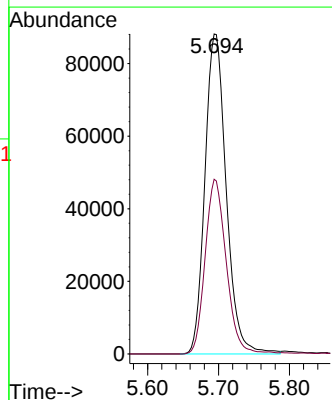
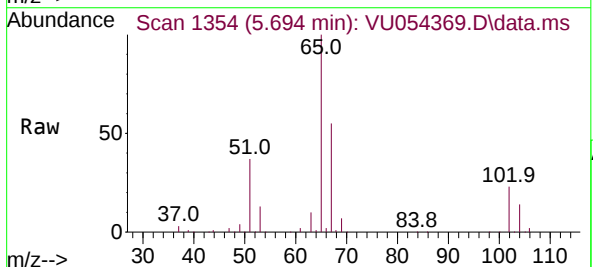
Instrument :
MSVOA_U
ClientSampleId :
TP-4

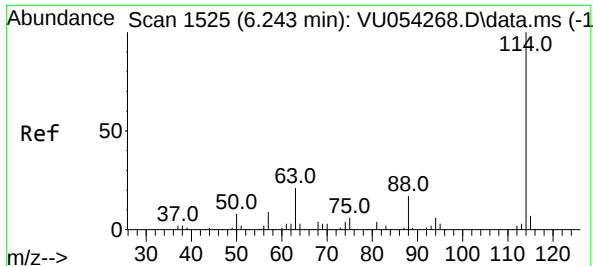
Tgt Ion: 84	Resp: 21206
Ion Ratio	Lower Upper
84 100	
49 123.4	86.6 129.8
51 38.4	26.6 40.0
86 63.7	50.6 75.8



#33
1,2-Dichloroethane-d4
Concen: 53.913 ug/l
RT: 5.694 min Scan# 1354
Delta R.T. -0.000 min
Lab File: VU054369.D
Acq: 01 Jun 2023 04:04

Tgt Ion: 65	Resp: 183947
Ion Ratio	Lower Upper
65 100	
67 53.8	0.0 108.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.244 min Scan# 11

Delta R.T. 0.001 min

Lab File: VU054369.D

Acq: 01 Jun 2023 04:04

Instrument :

MSVOA_U

ClientSampleId :

TP-4

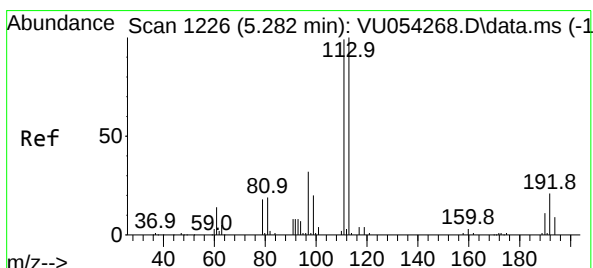
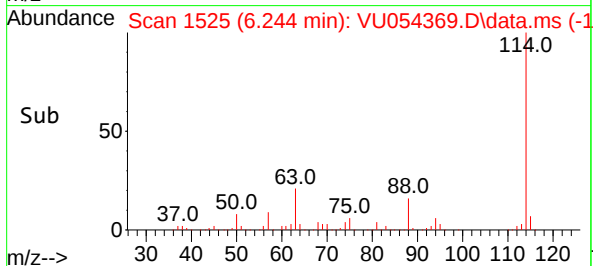
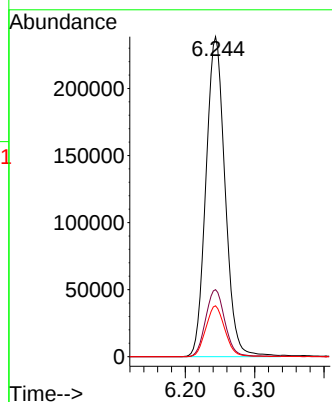
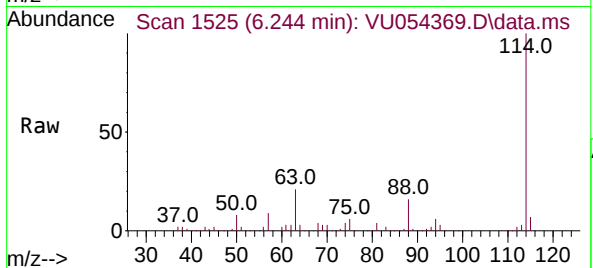
Tgt Ion:114 Resp: 455910

Ion Ratio Lower Upper

114 100

63 20.9 0.0 37.8

88 15.9 0.0 29.2



#35

Dibromofluoromethane

Concen: 51.307 ug/l

RT: 5.282 min Scan# 1226

Delta R.T. 0.000 min

Lab File: VU054369.D

Acq: 01 Jun 2023 04:04

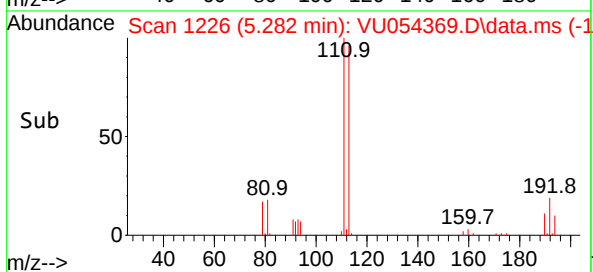
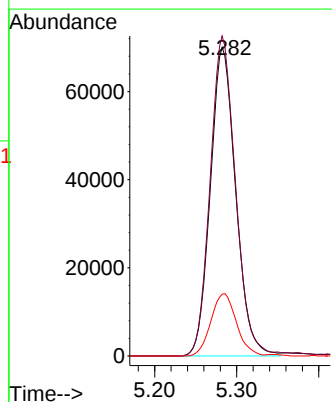
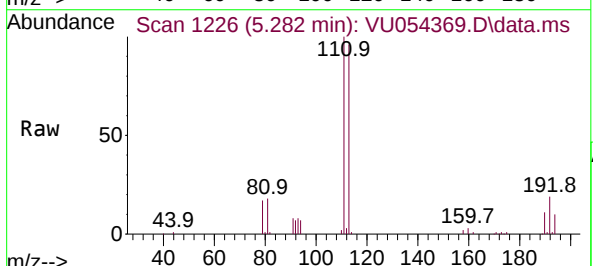
Tgt Ion:113 Resp: 150634

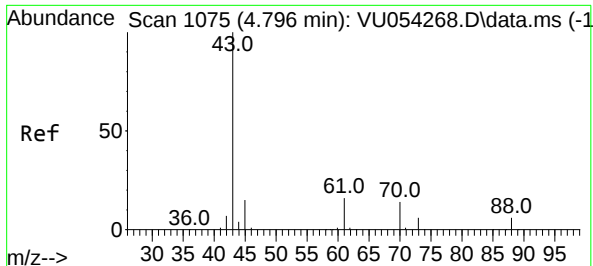
Ion Ratio Lower Upper

113 100

111 103.9 82.1 123.1

192 20.3 18.0 27.0





#37

Ethyl Acetate

Concen: 8.306 ug/l

RT: 4.803 min Scan# 1077

Delta R.T. 0.007 min

Lab File: VU054369.D

Acq: 01 Jun 2023 04:04

Instrument :

MSVOA_U

ClientSampleId :

TP-4

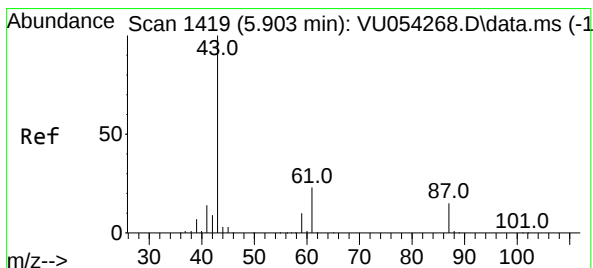
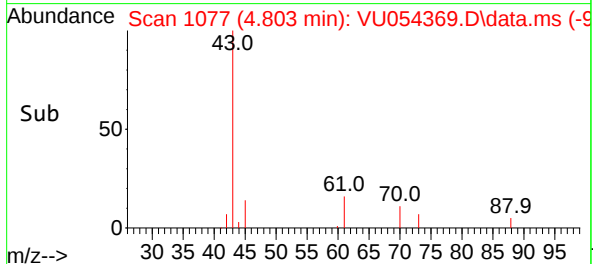
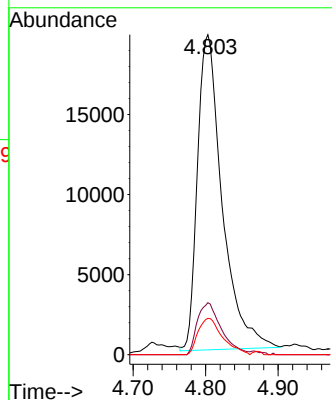
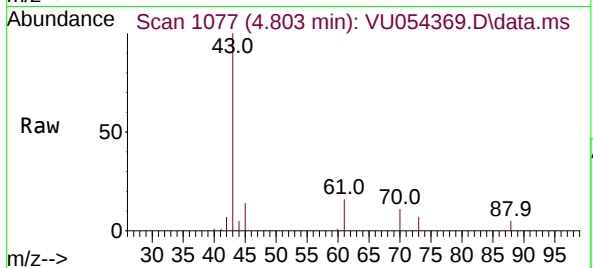
Tgt Ion: 43 Resp: 46679

Ion Ratio Lower Upper

43 100

61 16.1 9.5 14.3#

70 11.4 7.5 11.3#



#43

Isopropyl Acetate

Concen: 22.596 ug/l

RT: 5.903 min Scan# 1419

Delta R.T. -0.000 min

Lab File: VU054369.D

Acq: 01 Jun 2023 04:04

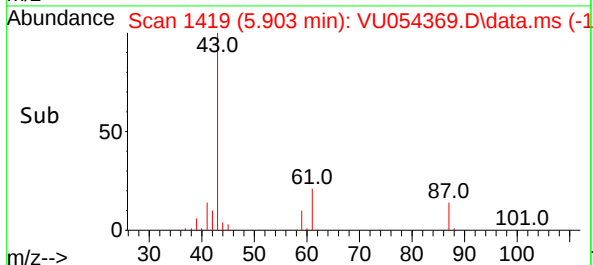
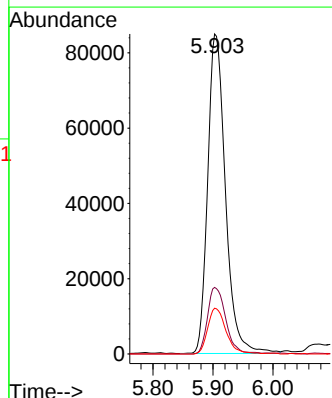
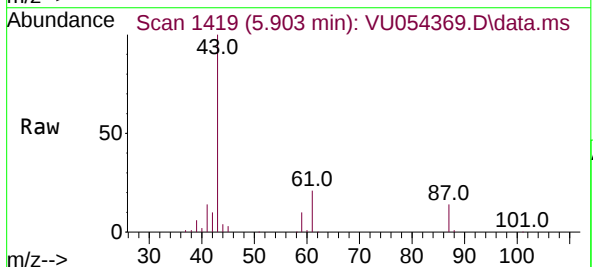
Tgt Ion: 43 Resp: 175160

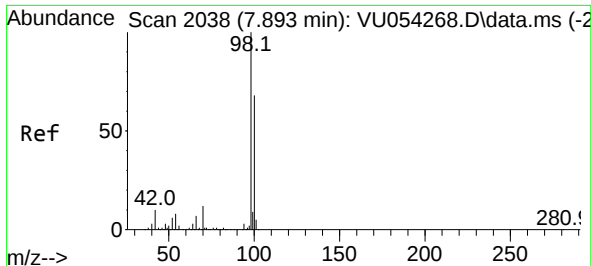
Ion Ratio Lower Upper

43 100

61 21.4 17.4 26.0

87 14.7 12.6 18.8

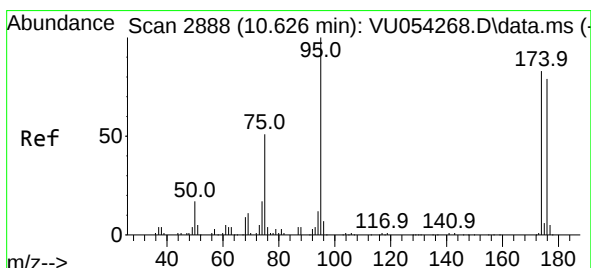
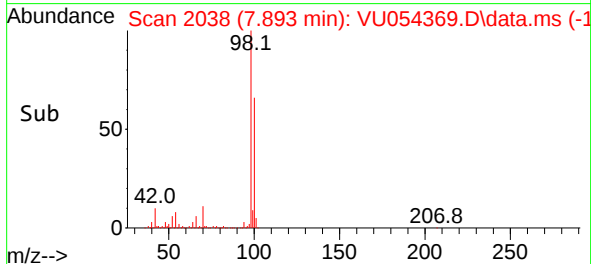
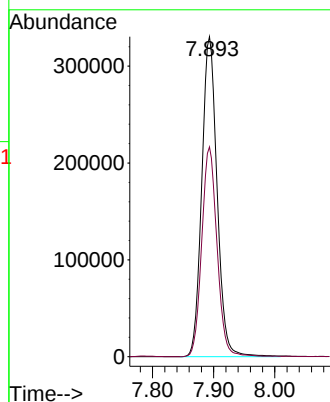
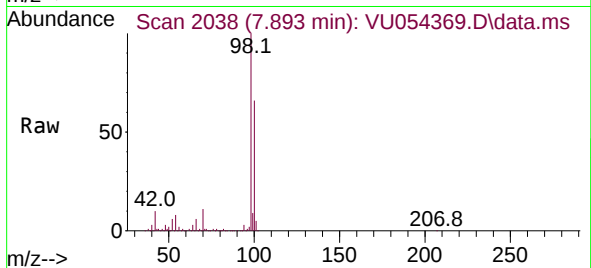




#50
Toluene-d8
Concen: 51.429 ug/l
RT: 7.893 min Scan# 2038
Delta R.T. 0.000 min
Lab File: VU054369.D
Acq: 01 Jun 2023 04:04

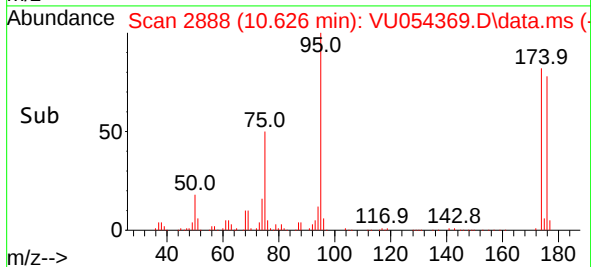
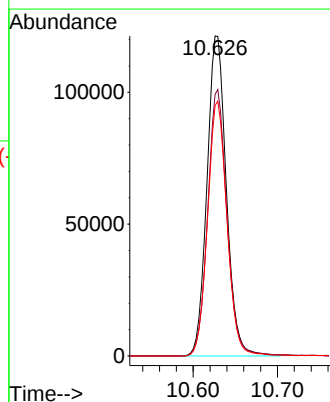
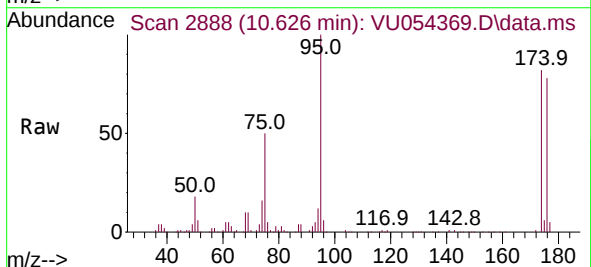
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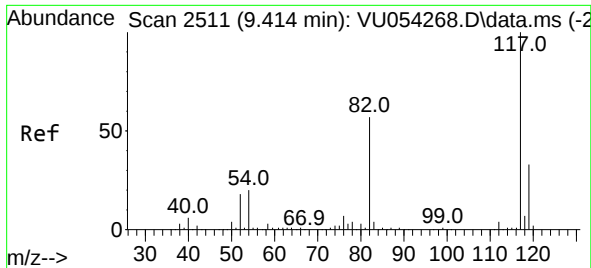
Tgt Ion: 98 Resp: 574335
Ion Ratio Lower Upper
98 100
100 65.5 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 44.867 ug/l
RT: 10.626 min Scan# 2888
Delta R.T. 0.000 min
Lab File: VU054369.D
Acq: 01 Jun 2023 04:04

Tgt Ion: 95 Resp: 194277
Ion Ratio Lower Upper
95 100
174 83.1 0.0 182.0
176 79.6 0.0 177.8

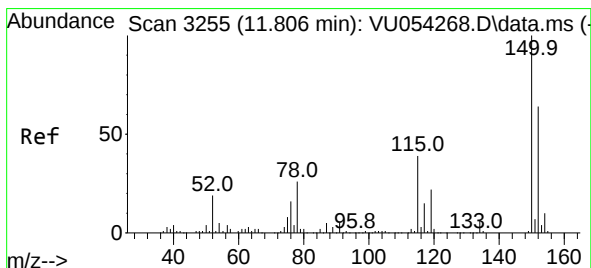
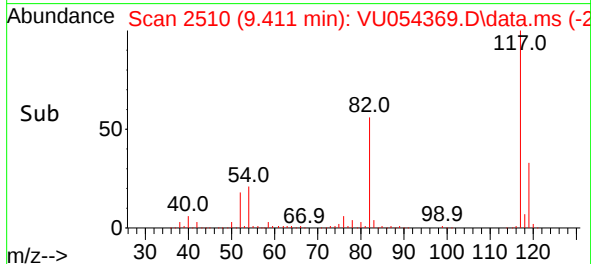
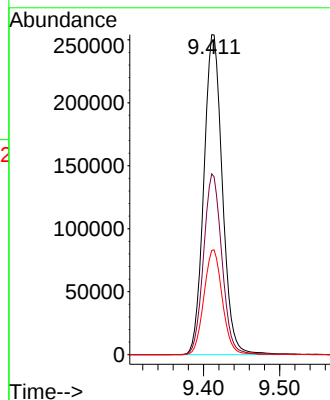
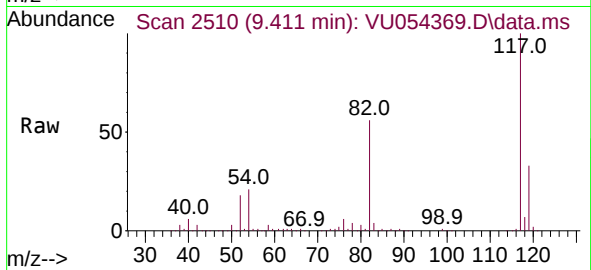




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.411 min Scan# 2511
Delta R.T. -0.003 min
Lab File: VU054369.D
Acq: 01 Jun 2023 04:04

Instrument :
MSVOA_U
ClientSampleId :
TP-4

Tgt Ion:117 Resp: 430530
Ion Ratio Lower Upper
117 100
82 56.4 41.7 62.5
119 32.6 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: VU054369.D
Acq: 01 Jun 2023 04:04

Tgt Ion:152 Resp: 199541
Ion Ratio Lower Upper
152 100
115 58.3 37.0 110.9
150 158.7 0.0 342.2

