

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU053123\
 Data File : VU054365.D
 Acq On : 01 Jun 2023 02:29
 Operator : JC/MD
 Sample : 02976-05
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TP-2

Quant Time: Jun 01 06:42:01 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)

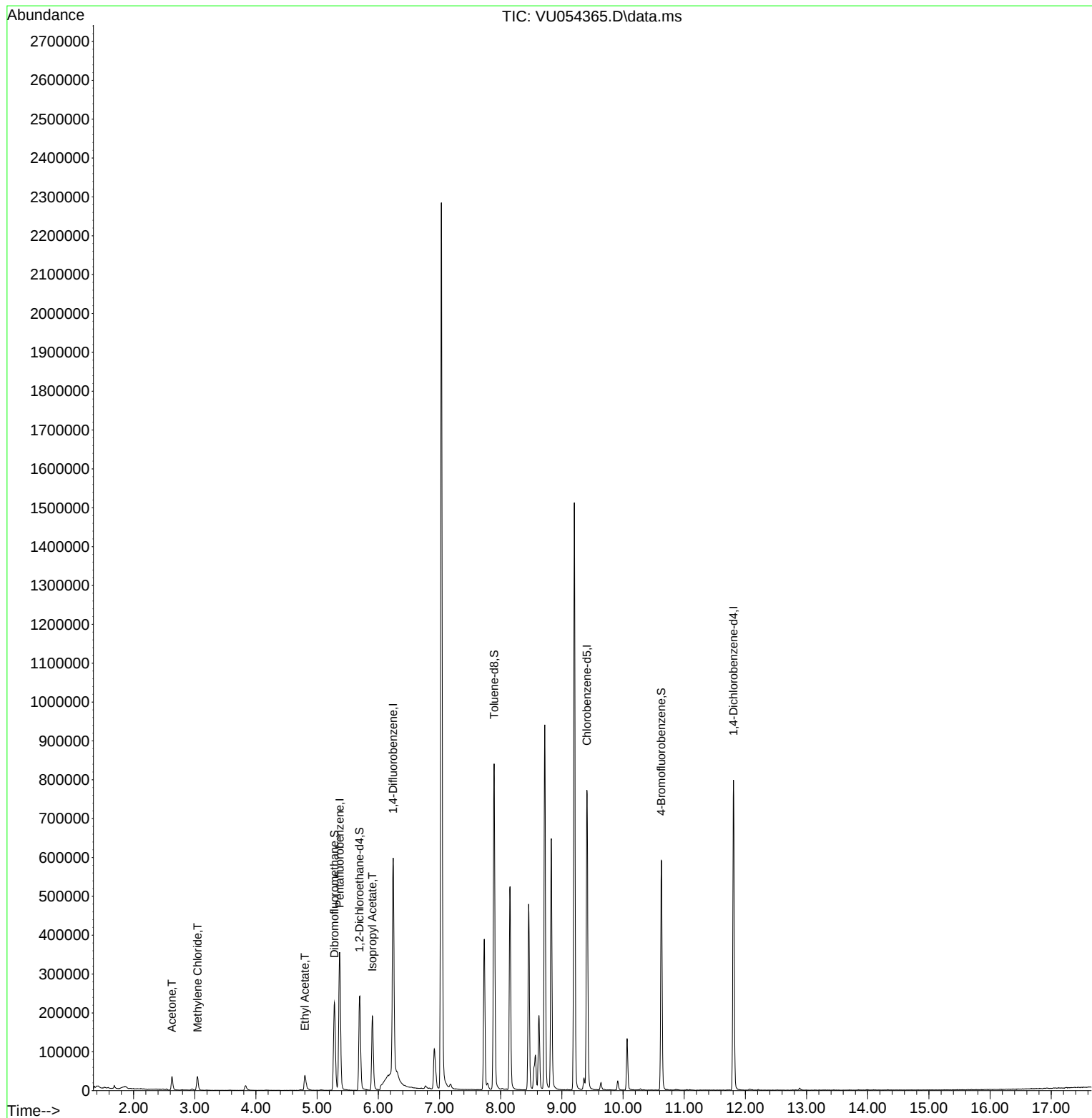
Internal Standards						
1) Pentafluorobenzene	5.369	168	257721	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.243	114	459797	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.410	117	433961	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.806	152	213237	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.694	65	182151	53.915	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 107.840%	
35) Dibromofluoromethane	5.282	113	149103	50.356	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.720%	
50) Toluene-d8	7.893	98	567377	50.377	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 100.760%	
62) 4-Bromofluorobenzene	10.626	95	199256	45.627	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 91.260%	
Target Compounds						
					Qvalue	
16) Acetone	2.626	43	41256	21.304	ug/l	95
20) Methylene Chloride	3.044	84	17687	5.063	ug/l	94
37) Ethyl Acetate	4.800	43	55440	9.781	ug/l #	93
43) Isopropyl Acetate	5.903	43	203804	26.068	ug/l	97

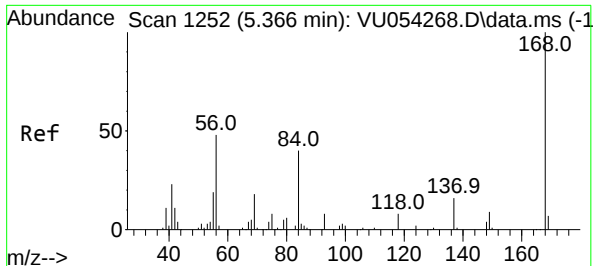
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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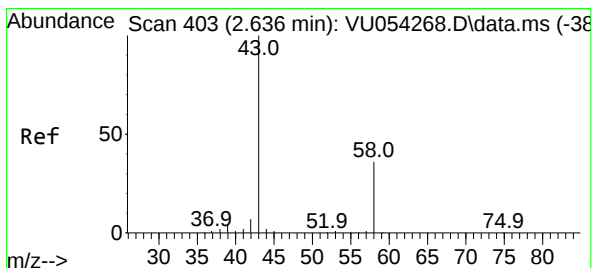
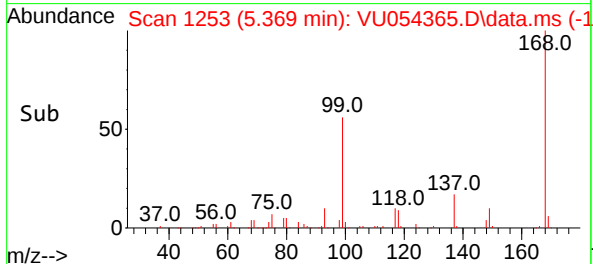
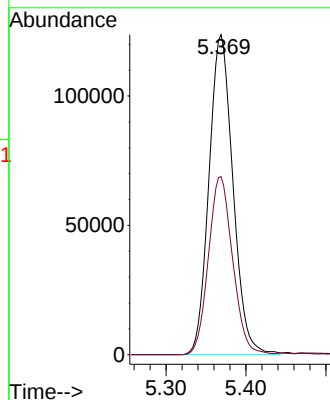
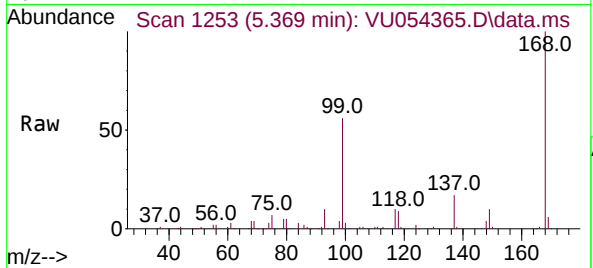




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.369 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU054365.D
Acq: 01 Jun 2023 02:29

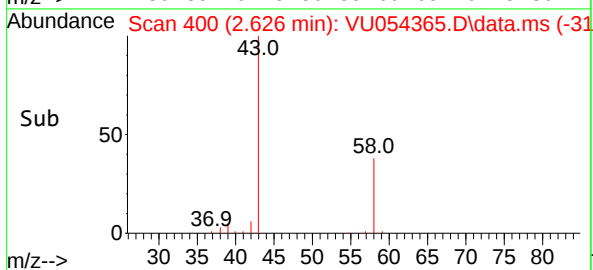
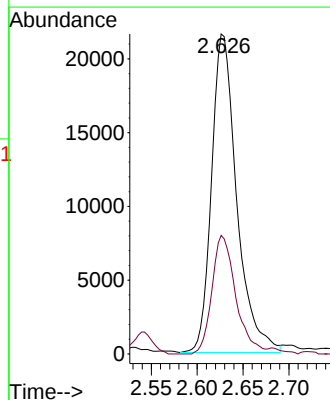
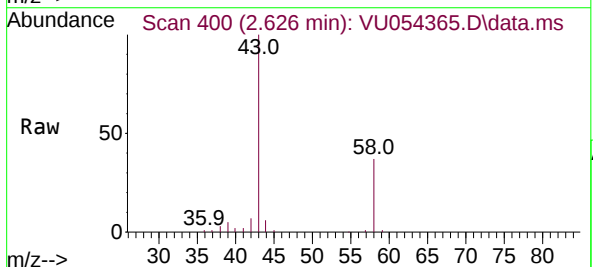
Instrument :
MSVOA_U
ClientSampleId :
TP-2

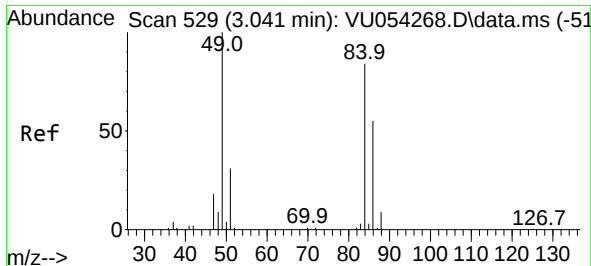
Tgt Ion:168 Resp: 257721
Ion Ratio Lower Upper
168 100
99 55.6 39.3 58.9



#16
Acetone
Concen: 21.304 ug/l
RT: 2.626 min Scan# 400
Delta R.T. -0.010 min
Lab File: VU054365.D
Acq: 01 Jun 2023 02:29

Tgt Ion: 43 Resp: 41256
Ion Ratio Lower Upper
43 100
58 37.2 27.5 41.3

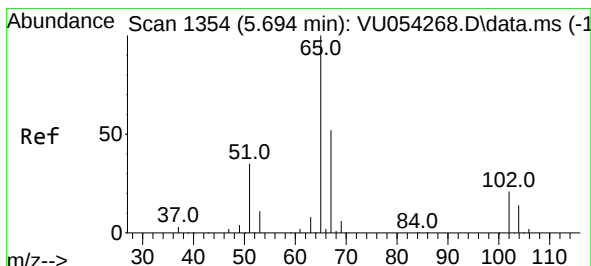
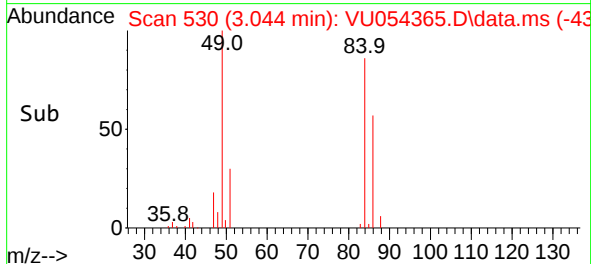
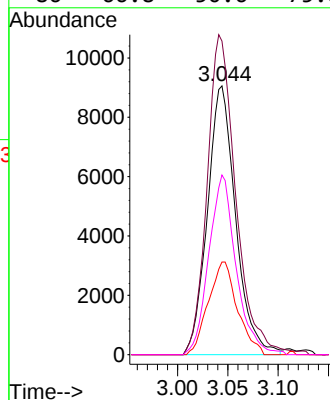
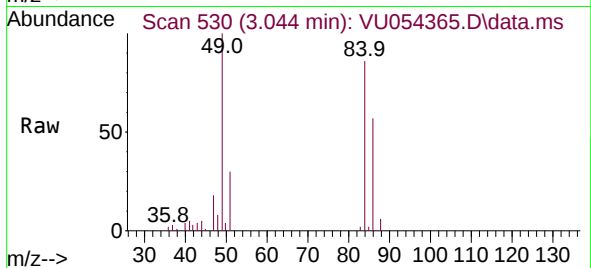




#20
Methylene Chloride
Concen: 5.063 ug/l
RT: 3.044 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU054365.D
Acq: 01 Jun 2023 02:29

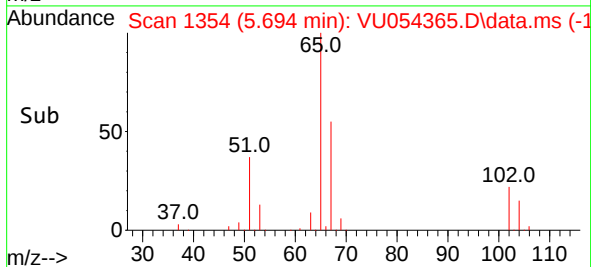
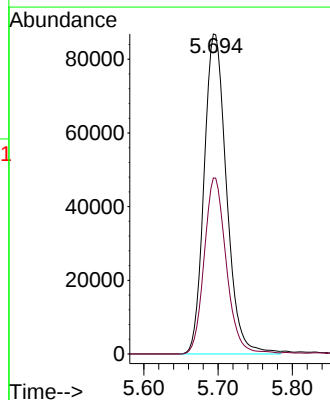
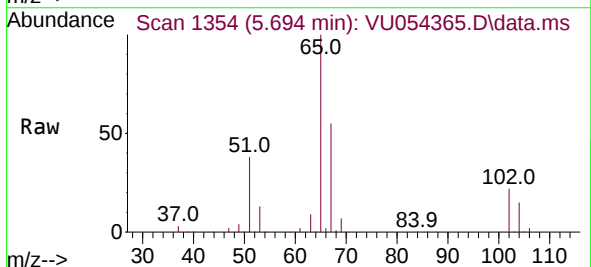
Instrument :
MSVOA_U
ClientSampleId :
TP-2

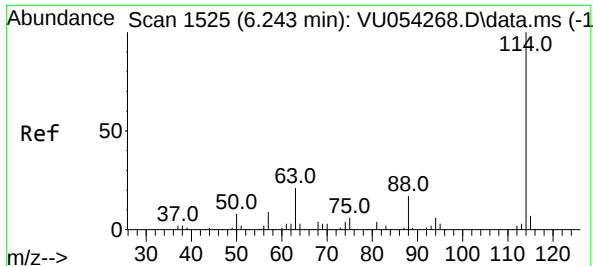
Tgt Ion: 84	Resp: 17687
Ion Ratio	Lower Upper
84 100	
49 116.6	86.6 129.8
51 34.5	26.6 40.0
86 66.8	50.6 75.8



#33
1,2-Dichloroethane-d4
Concen: 53.915 ug/l
RT: 5.694 min Scan# 1354
Delta R.T. -0.000 min
Lab File: VU054365.D
Acq: 01 Jun 2023 02:29

Tgt Ion: 65	Resp: 182151
Ion Ratio	Lower Upper
65 100	
67 54.2	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: VU054365.D

Acq: 01 Jun 2023 02:29

Instrument :

MSVOA_U

ClientSampleId :

TP-2

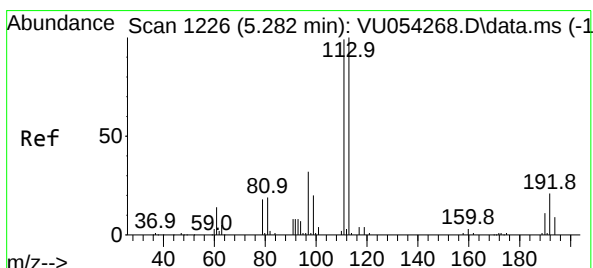
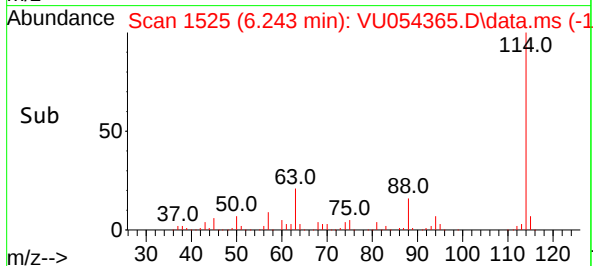
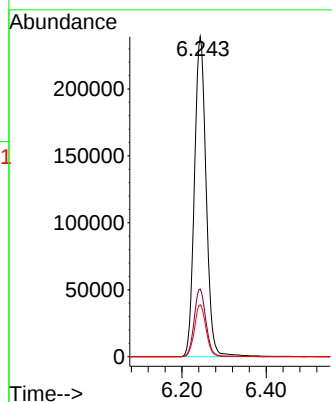
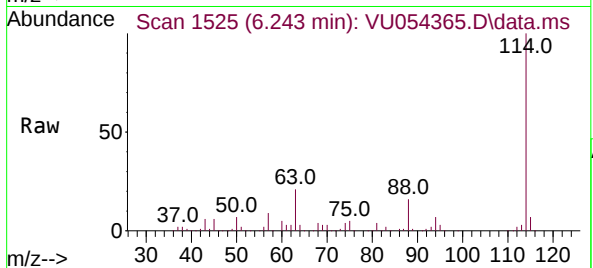
Tgt Ion:114 Resp: 459797

Ion Ratio Lower Upper

114 100

63 21.1 0.0 37.8

88 16.3 0.0 29.2



#35

Dibromofluoromethane

Concen: 50.356 ug/l

RT: 5.282 min Scan# 1226

Delta R.T. -0.000 min

Lab File: VU054365.D

Acq: 01 Jun 2023 02:29

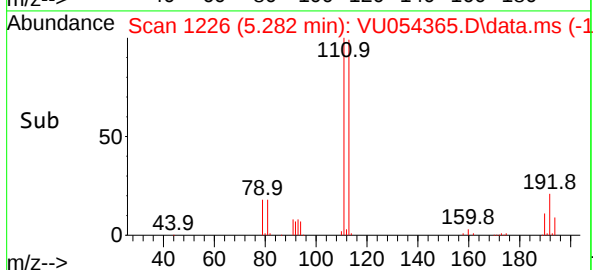
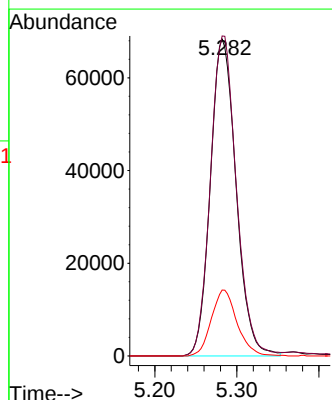
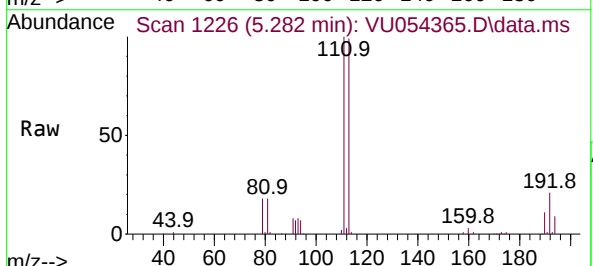
Tgt Ion:113 Resp: 149103

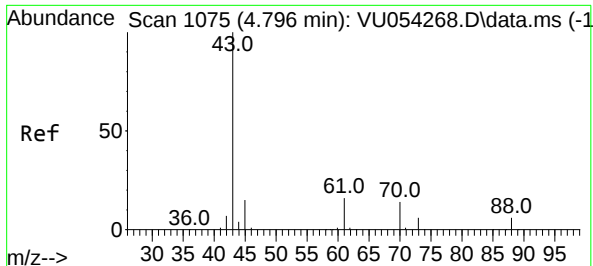
Ion Ratio Lower Upper

113 100

111 102.1 82.1 123.1

192 20.8 18.0 27.0





#37

Ethyl Acetate

Concen: 9.781 ug/l

RT: 4.800 min Scan# 1

Delta R.T. 0.004 min

Lab File: VU054365.D

Acq: 01 Jun 2023 02:29

Instrument :

MSVOA_U

ClientSampleId :

TP-2

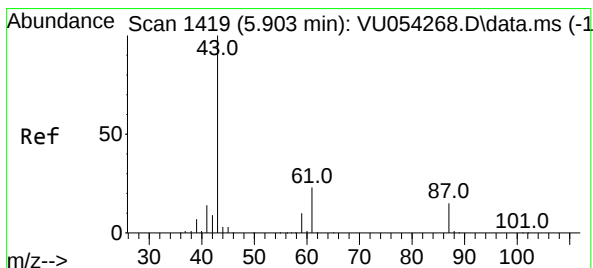
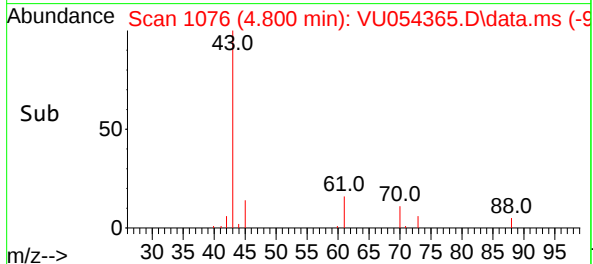
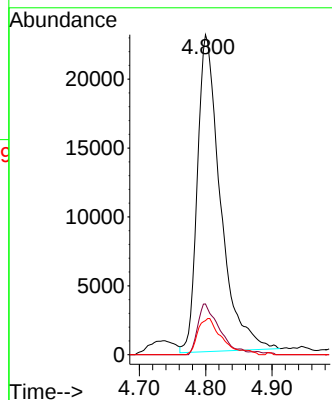
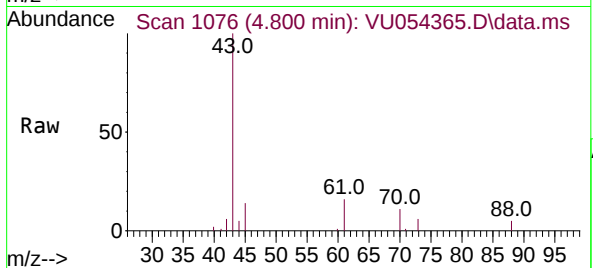
Tgt Ion: 43 Resp: 55440

Ion Ratio Lower Upper

43 100

61 15.0 9.5 14.3#

70 11.4 7.5 11.3#



#43

Isopropyl Acetate

Concen: 26.068 ug/l

RT: 5.903 min Scan# 1419

Delta R.T. -0.000 min

Lab File: VU054365.D

Acq: 01 Jun 2023 02:29

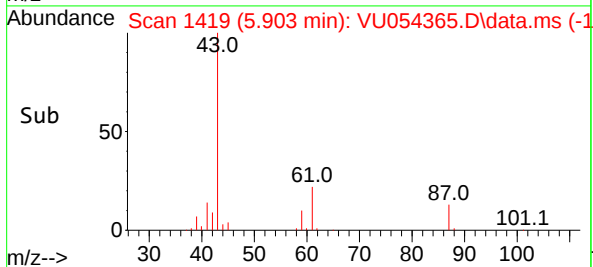
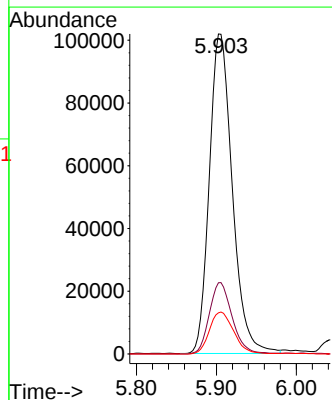
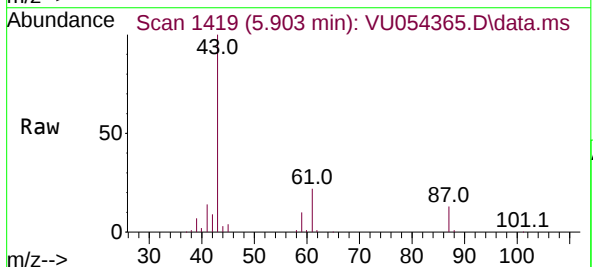
Tgt Ion: 43 Resp: 203804

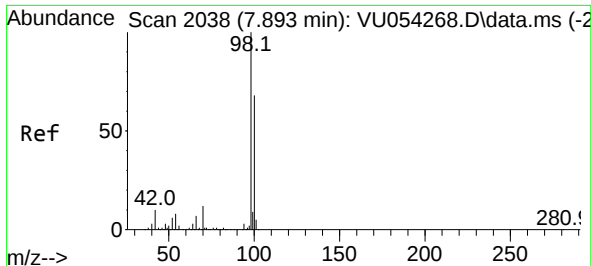
Ion Ratio Lower Upper

43 100

61 22.3 17.4 26.0

87 13.8 12.6 18.8

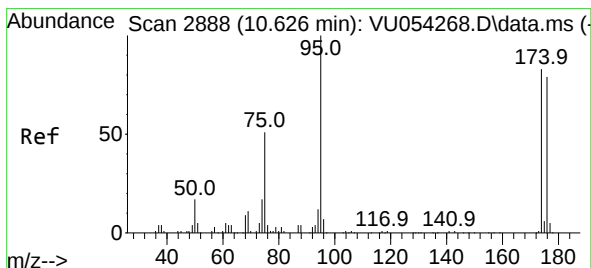
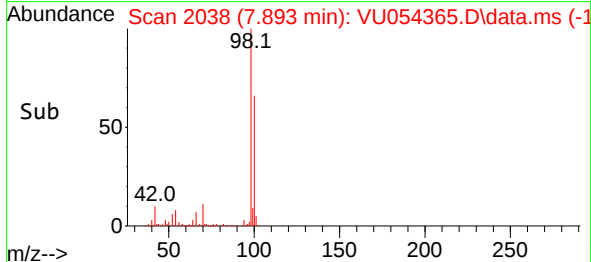
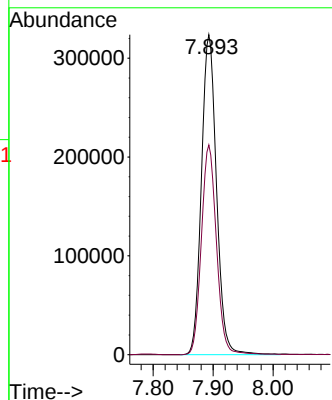
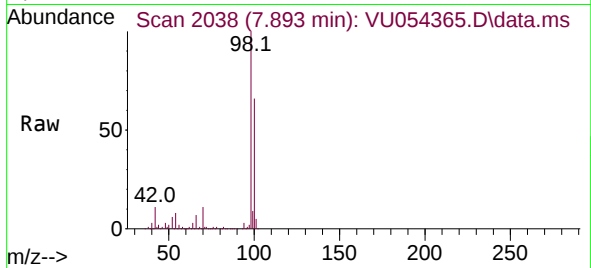




#50
Toluene-d8
Concen: 50.377 ug/l
RT: 7.893 min Scan# 2038
Delta R.T. -0.000 min
Lab File: VU054365.D
Acq: 01 Jun 2023 02:29

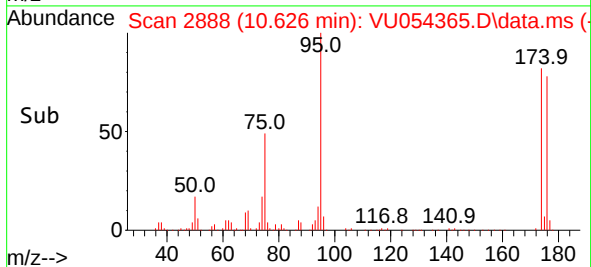
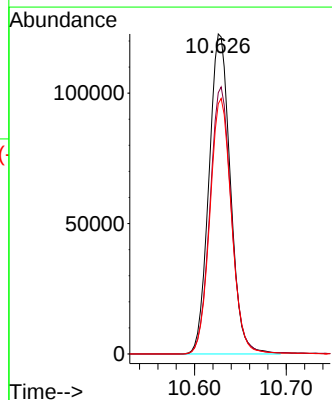
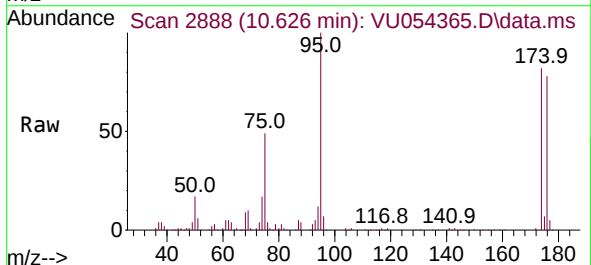
Instrument :
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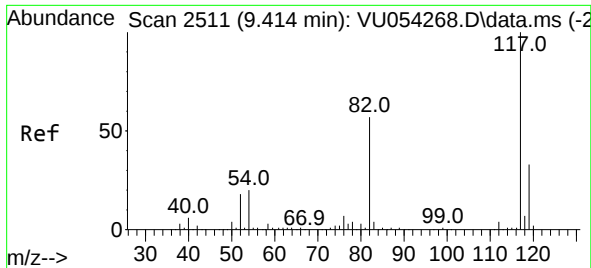
Tgt Ion: 98 Resp: 567377
Ion Ratio Lower Upper
98 100
100 65.6 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 45.627 ug/l
RT: 10.626 min Scan# 2888
Delta R.T. -0.000 min
Lab File: VU054365.D
Acq: 01 Jun 2023 02:29

Tgt Ion: 95 Resp: 199256
Ion Ratio Lower Upper
95 100
174 83.9 0.0 182.0
176 80.5 0.0 177.8

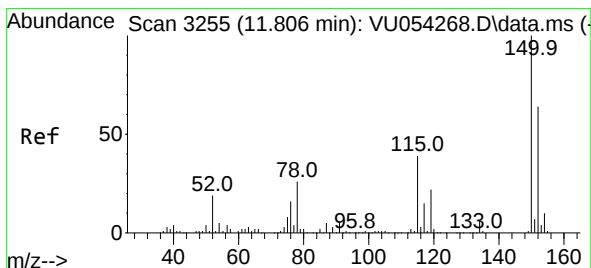
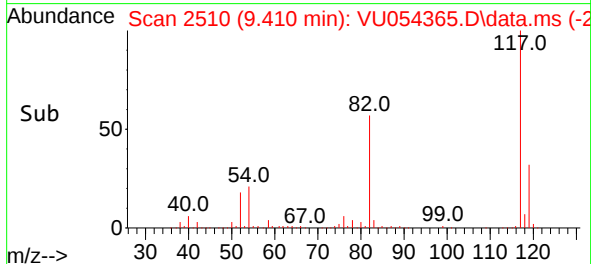
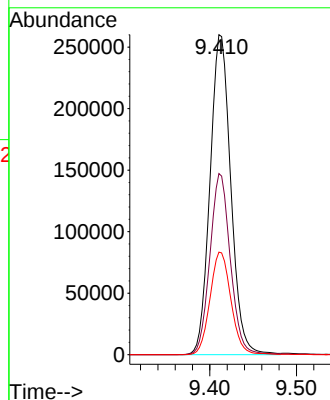
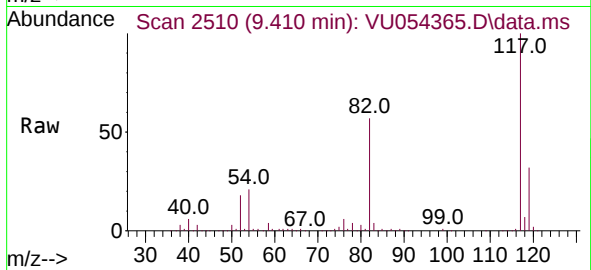




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.410 min Scan# 2511
Delta R.T. -0.004 min
Lab File: VU054365.D
Acq: 01 Jun 2023 02:29

Instrument :
MSVOA_U
ClientSampleId :
TP-2

Tgt Ion:117 Resp: 433961
Ion Ratio Lower Upper
117 100
82 56.5 41.7 62.5
119 32.1 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: VU054365.D
Acq: 01 Jun 2023 02:29

Tgt Ion:152 Resp: 213237
Ion Ratio Lower Upper
152 100
115 58.2 37.0 110.9
150 157.9 0.0 342.2

