

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU053123\
 Data File : VU054364.D
 Acq On : 01 Jun 2023 02:05
 Operator : JC/MD
 Sample : 02976-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TP-1

Quant Time: Jun 01 06:41:35 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)

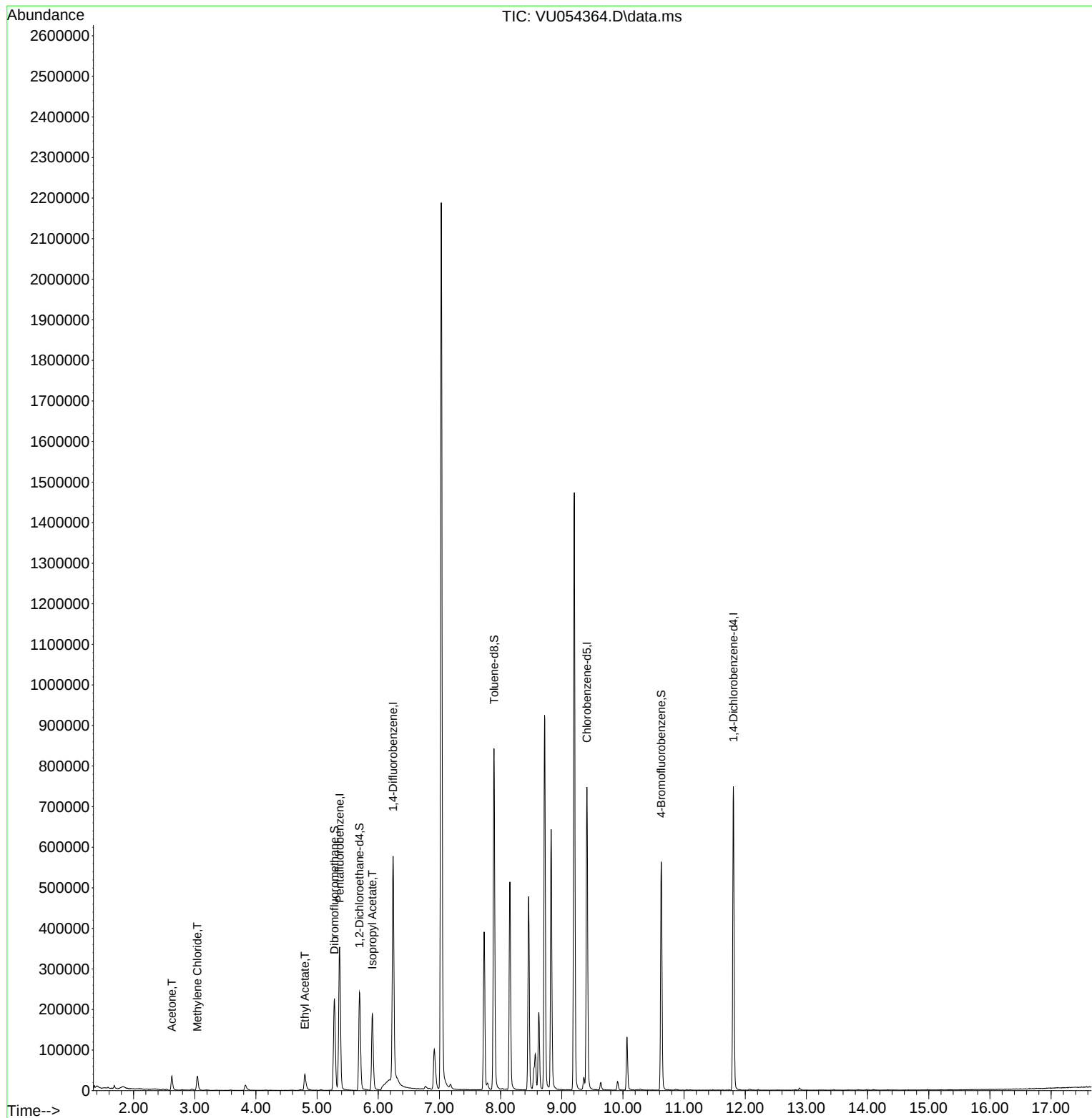
Internal Standards						
1) Pentafluorobenzene	5.369	168	258003	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.243	114	446857	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.411	117	426642	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.806	152	204055	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.694	65	180967	53.506	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 107.020%	
35) Dibromofluoromethane	5.282	113	149057	51.798	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.600%	
50) Toluene-d8	7.893	98	561149	51.267	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 102.540%	
62) 4-Bromofluorobenzene	10.629	95	193075	45.492	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 90.980%	
Target Compounds						
						Qvalue
16) Acetone	2.626	43	41554	21.434	ug/l	98
20) Methylene Chloride	3.041	84	18412	5.264	ug/l	94
37) Ethyl Acetate	4.800	43	53722	9.753	ug/l #	92
43) Isopropyl Acetate	5.903	43	200044	26.328	ug/l	98

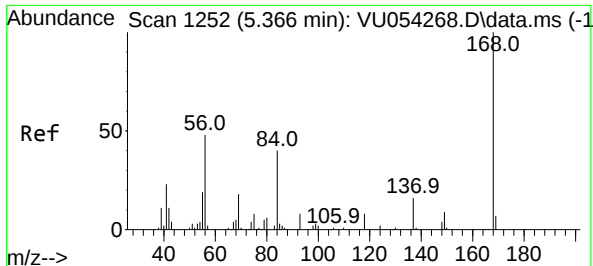
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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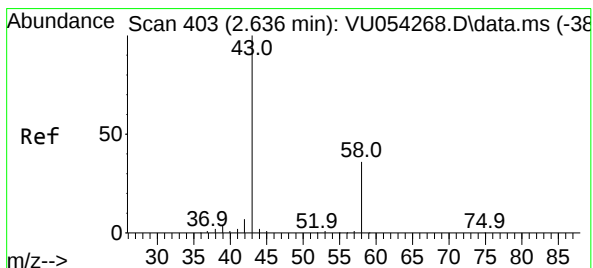
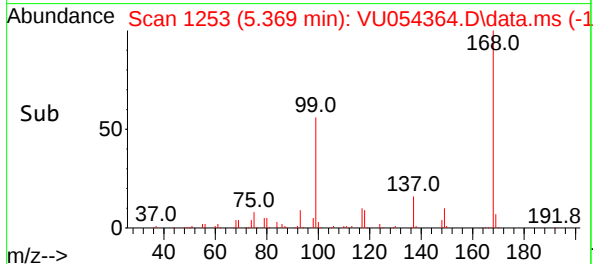
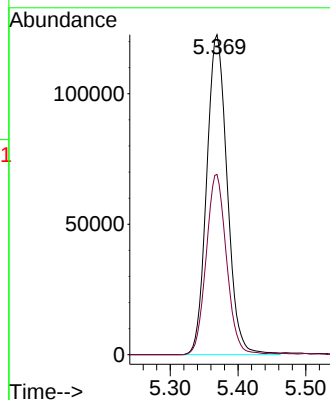
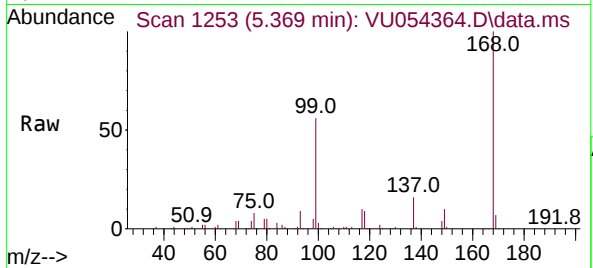




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.369 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU054364.D
Acq: 01 Jun 2023 02:05

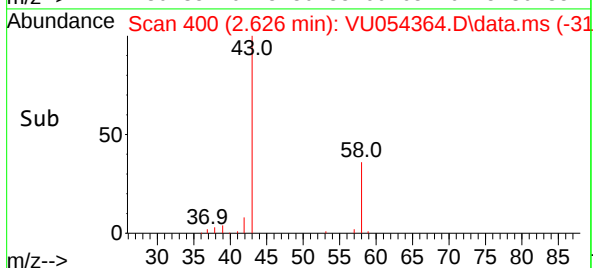
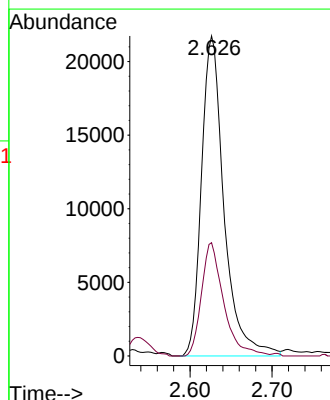
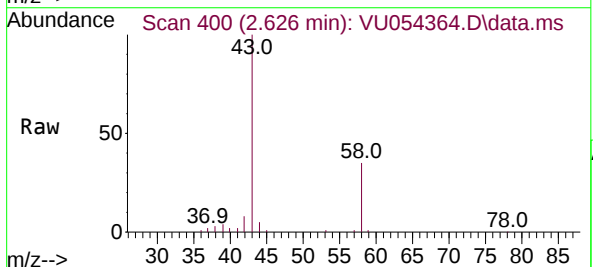
Instrument :
MSVOA_U
ClientSampleId :
TP-1

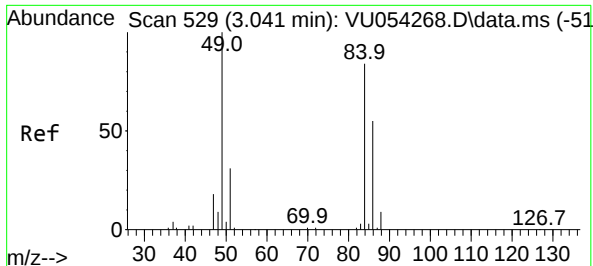
Tgt Ion:168 Resp: 258003
Ion Ratio Lower Upper
168 100
99 56.4 39.3 58.9



#16
Acetone
Concen: 21.434 ug/l
RT: 2.626 min Scan# 400
Delta R.T. -0.010 min
Lab File: VU054364.D
Acq: 01 Jun 2023 02:05

Tgt Ion: 43 Resp: 41554
Ion Ratio Lower Upper
43 100
58 35.4 27.5 41.3

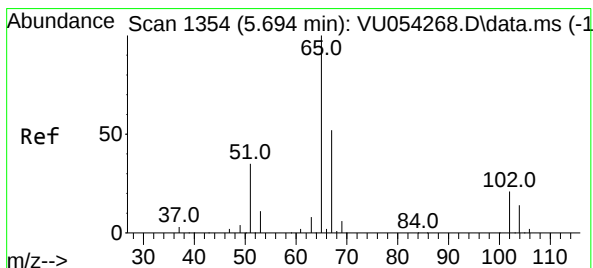
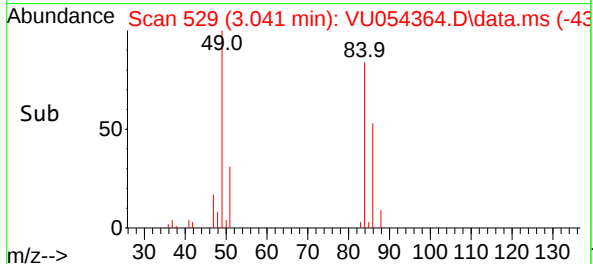
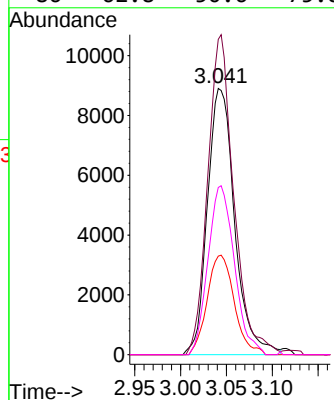
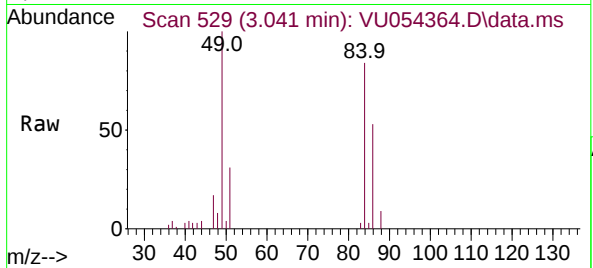




#20
Methylene Chloride
Concen: 5.264 ug/l
RT: 3.041 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU054364.D
Acq: 01 Jun 2023 02:05

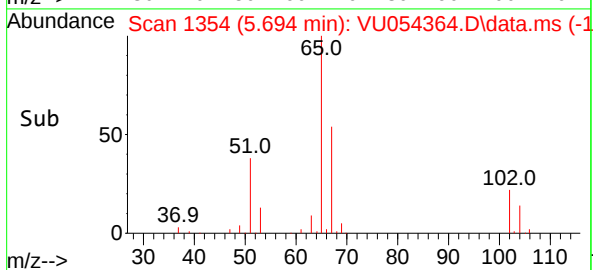
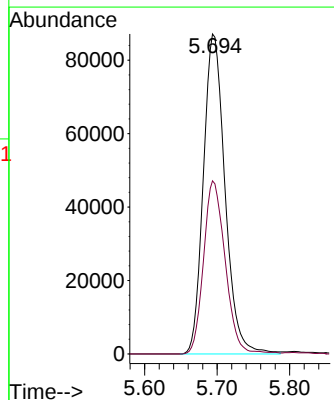
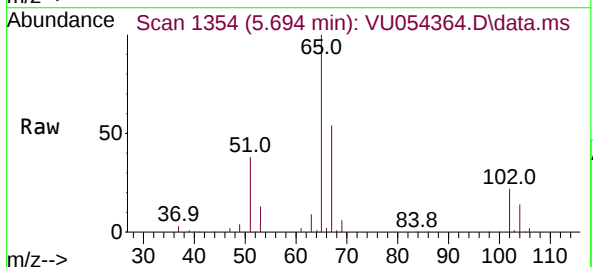
Instrument :
MSVOA_U
ClientSampleId :
TP-1

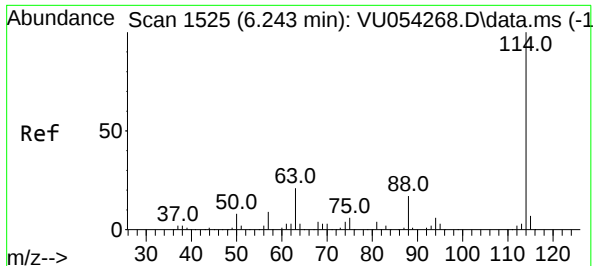
Tgt Ion:	84	Resp:	18412
Ion	Ratio	Lower	Upper
84	100		
49	118.4	86.6	129.8
51	37.0	26.6	40.0
86	62.8	50.6	75.8



#33
1,2-Dichloroethane-d4
Concen: 53.506 ug/l
RT: 5.694 min Scan# 1354
Delta R.T. -0.000 min
Lab File: VU054364.D
Acq: 01 Jun 2023 02:05

Tgt Ion:	65	Resp:	180967
Ion	Ratio	Lower	Upper
65	100		
67	54.1	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: VU054364.D

Acq: 01 Jun 2023 02:05

Instrument :

MSVOA_U

ClientSampleId :

TP-1

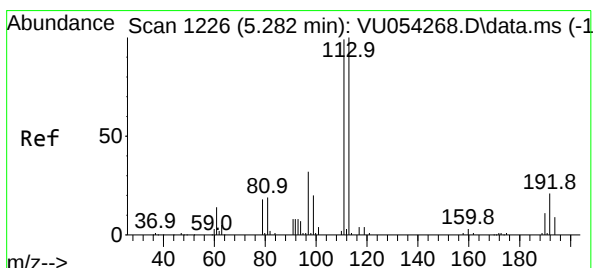
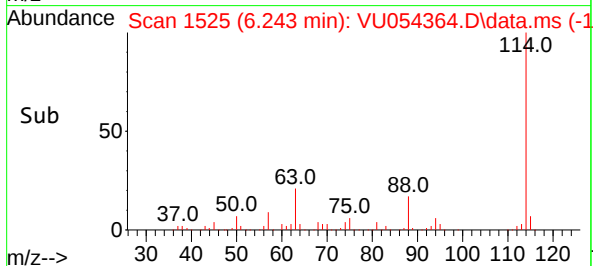
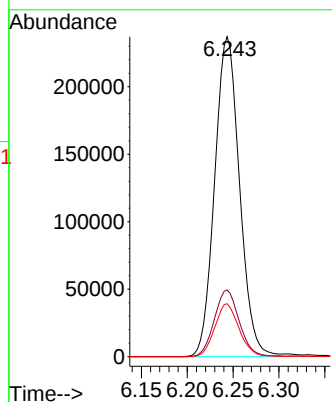
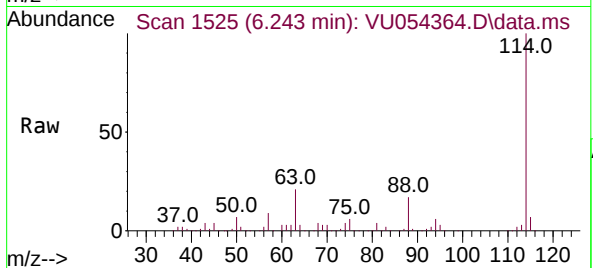
Tgt Ion:114 Resp: 446857

Ion Ratio Lower Upper

114 100

63 20.9 0.0 37.8

88 16.5 0.0 29.2



#35

Dibromofluoromethane

Concen: 51.798 ug/l

RT: 5.282 min Scan# 1226

Delta R.T. 0.000 min

Lab File: VU054364.D

Acq: 01 Jun 2023 02:05

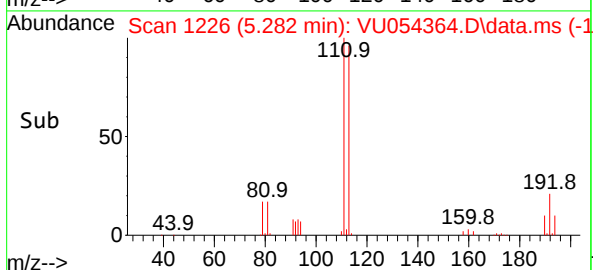
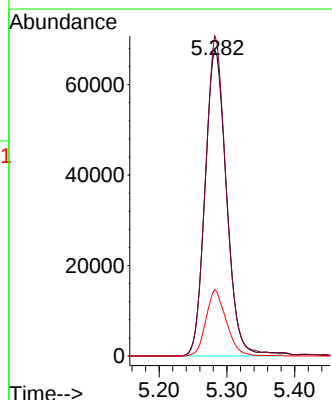
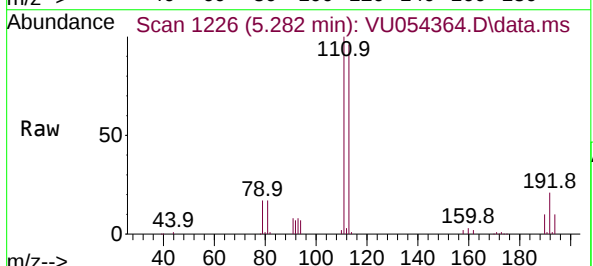
Tgt Ion:113 Resp: 149057

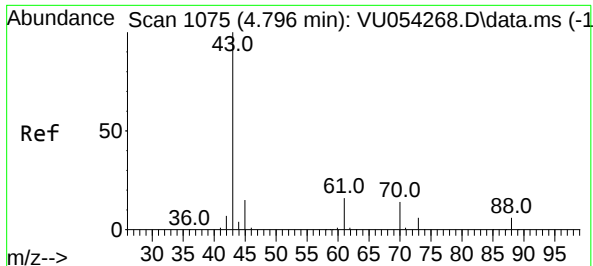
Ion Ratio Lower Upper

113 100

111 101.0 82.1 123.1

192 20.4 18.0 27.0





#37

Ethyl Acetate

Concen: 9.753 ug/l

RT: 4.800 min Scan# 1

Delta R.T. 0.004 min

Lab File: VU054364.D

Acq: 01 Jun 2023 02:05

Instrument :

MSVOA_U

ClientSampleId :

TP-1

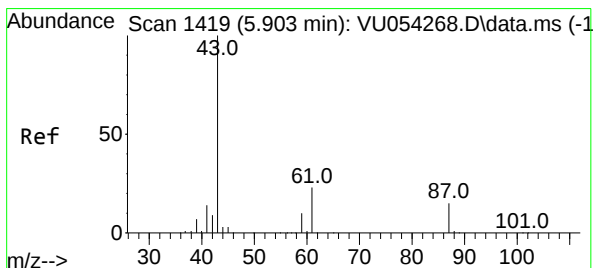
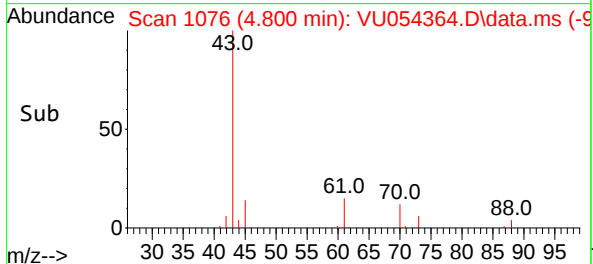
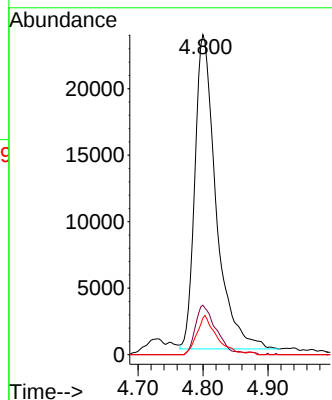
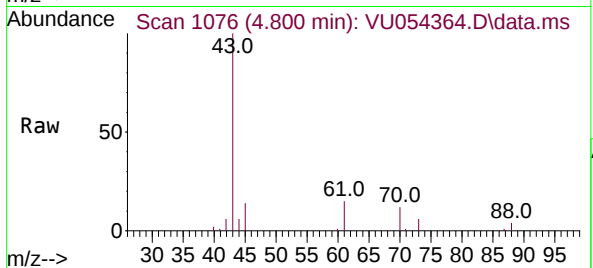
Tgt Ion: 43 Resp: 53722

Ion Ratio Lower Upper

43 100

61 15.3 9.5 14.3#

70 11.6 7.5 11.3#



#43

Isopropyl Acetate

Concen: 26.328 ug/l

RT: 5.903 min Scan# 1419

Delta R.T. -0.000 min

Lab File: VU054364.D

Acq: 01 Jun 2023 02:05

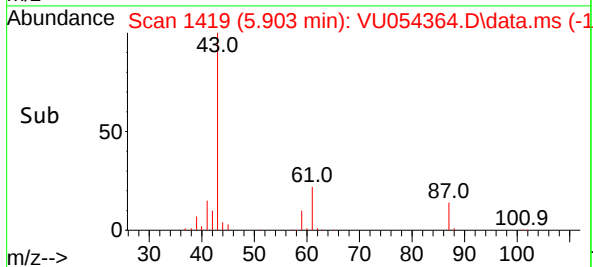
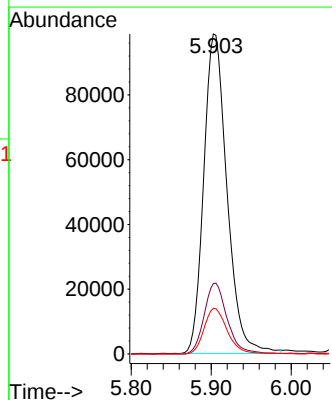
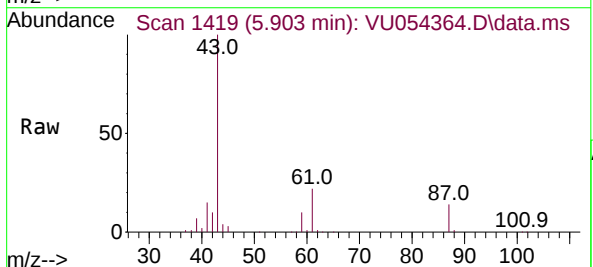
Tgt Ion: 43 Resp: 200044

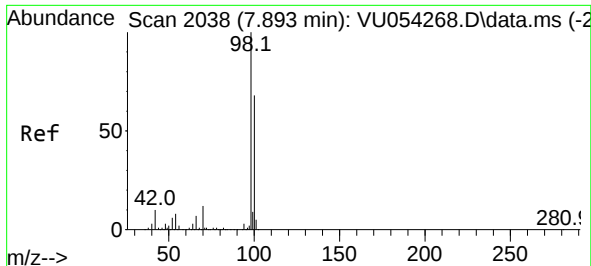
Ion Ratio Lower Upper

43 100

61 22.0 17.4 26.0

87 14.3 12.6 18.8

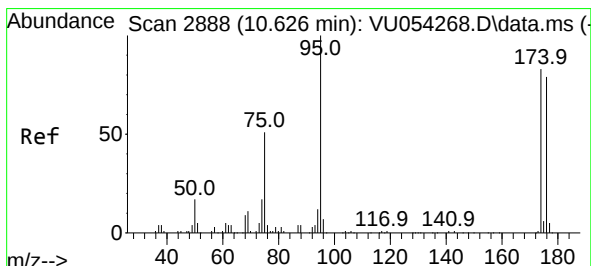
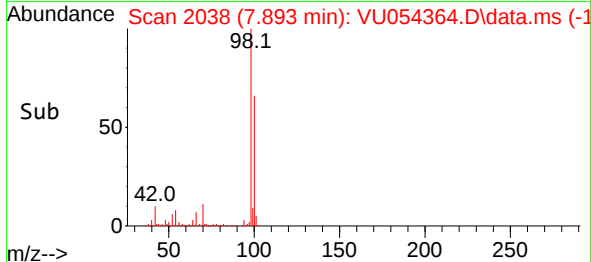
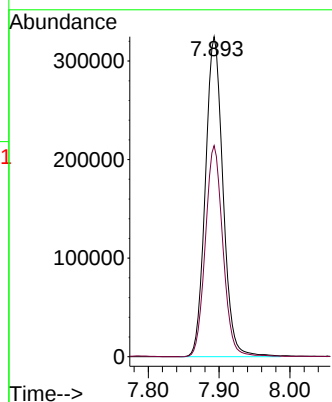
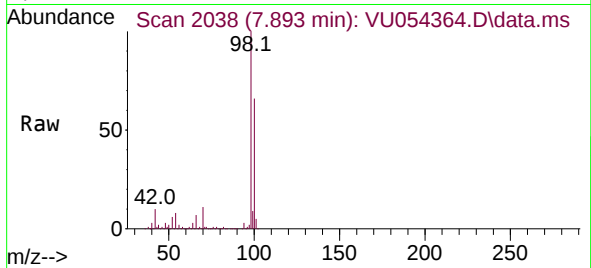




#50
Toluene-d8
Concen: 51.267 ug/l
RT: 7.893 min Scan# 2038
Delta R.T. -0.000 min
Lab File: VU054364.D
Acq: 01 Jun 2023 02:05

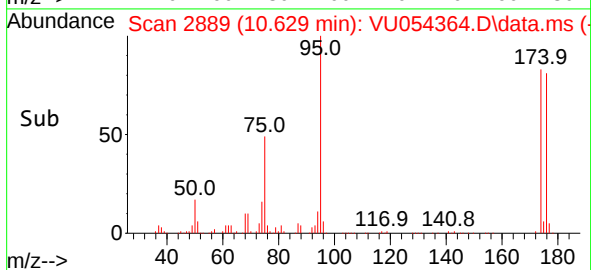
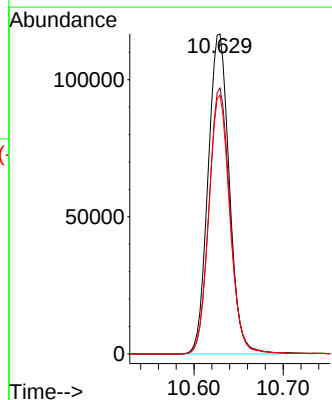
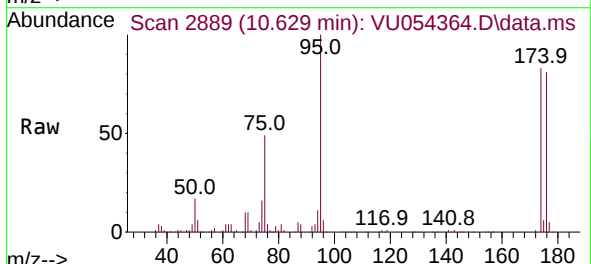
Instrument :
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ClientSampleId :
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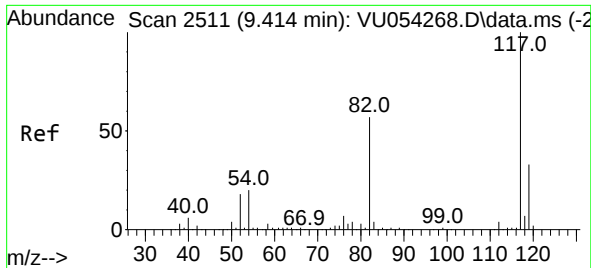
Tgt Ion: 98 Resp: 561149
Ion Ratio Lower Upper
98 100
100 65.7 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 45.492 ug/l
RT: 10.629 min Scan# 2889
Delta R.T. 0.003 min
Lab File: VU054364.D
Acq: 01 Jun 2023 02:05

Tgt Ion: 95 Resp: 193075
Ion Ratio Lower Upper
95 100
174 82.8 0.0 182.0
176 80.3 0.0 177.8

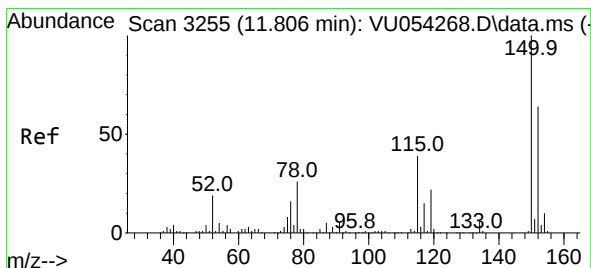
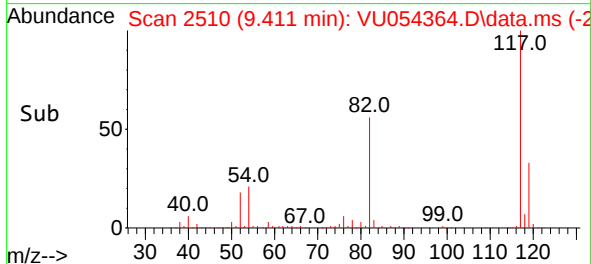
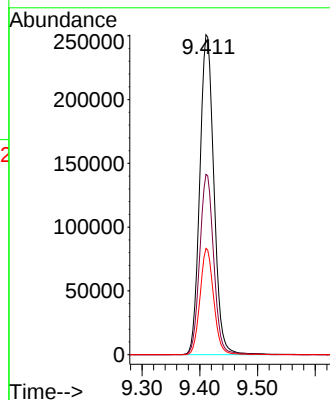
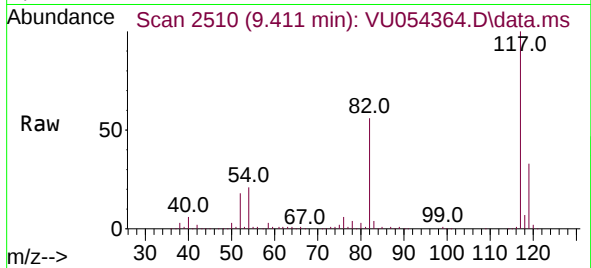




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.411 min Scan# 2511
Delta R.T. -0.003 min
Lab File: VU054364.D
Acq: 01 Jun 2023 02:05

Instrument :
MSVOA_U
ClientSampleId :
TP-1

Tgt Ion:117 Resp: 426642
Ion Ratio Lower Upper
117 100
82 56.3 41.7 62.5
119 33.2 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: VU054364.D
Acq: 01 Jun 2023 02:05

Tgt Ion:152 Resp: 204055
Ion Ratio Lower Upper
152 100
115 57.7 37.0 110.9
150 155.7 0.0 342.2

