

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU053123\
 Data File : VU054373.D
 Acq On : 01 Jun 2023 05:38
 Operator : JC/MD
 Sample : 02986-08
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TP-15-0A

Quant Time: Jun 01 06:45:15 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)

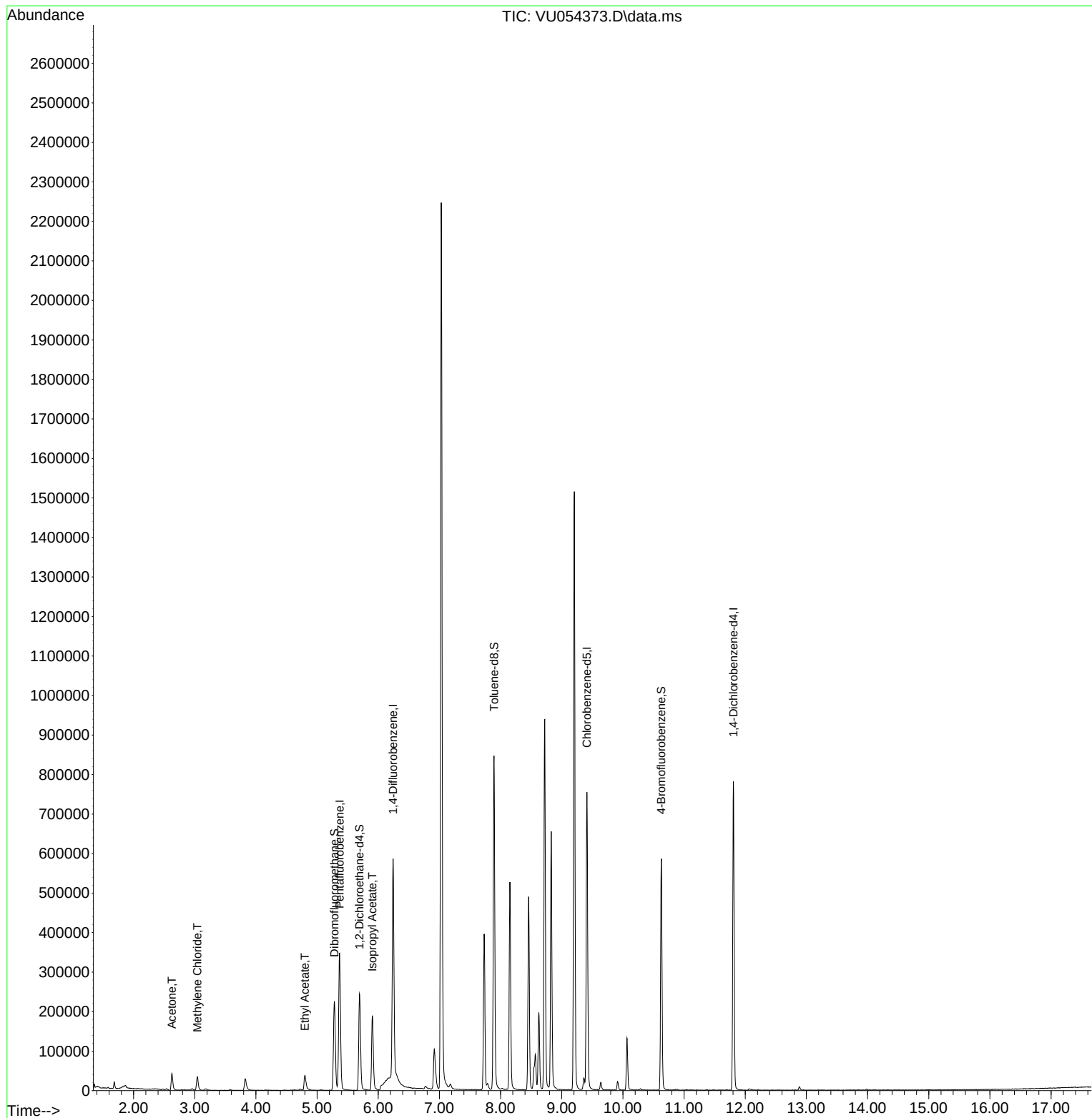
Internal Standards						
1) Pentafluorobenzene	5.369	168	255000	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.244	114	456486	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.411	117	432669	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.806	152	209235	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.694	65	182765	54.674	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 109.340%	
35) Dibromofluoromethane	5.282	113	148354	50.466	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.940%	
50) Toluene-d8	7.893	98	563804	50.423	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 100.840%	
62) 4-Bromofluorobenzene	10.629	95	195043	44.987	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 89.980%	
Target Compounds						
						Qvalue
16) Acetone	2.626	43	51192	26.717	ug/l	98
20) Methylene Chloride	3.041	84	17455	5.049	ug/l	91
37) Ethyl Acetate	4.800	43	52653	9.357	ug/l #	93
43) Isopropyl Acetate	5.906	43	201971	26.021	ug/l	98

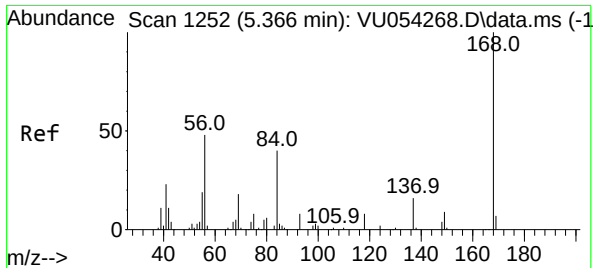
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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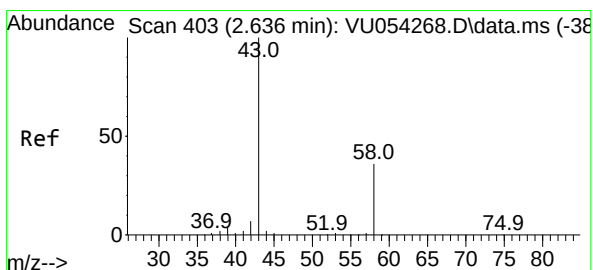
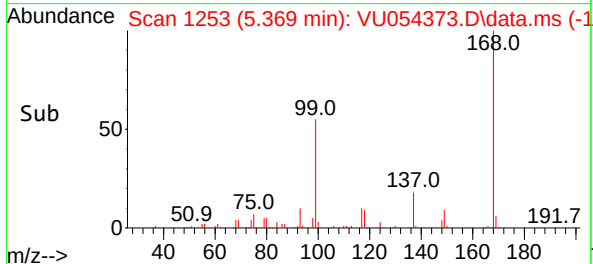
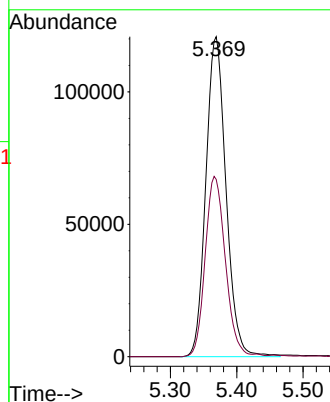
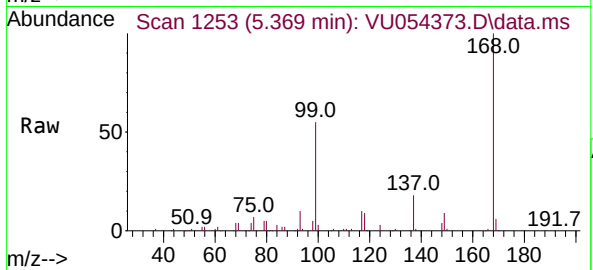




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.369 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU054373.D
Acq: 01 Jun 2023 05:38

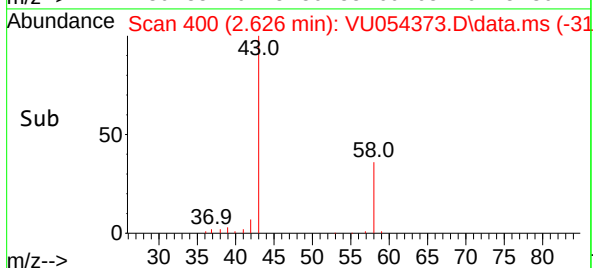
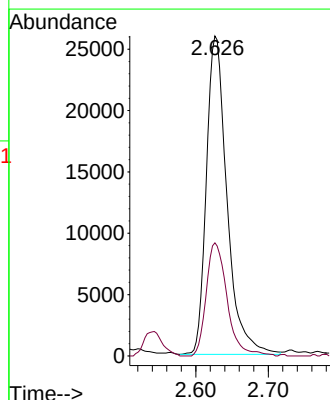
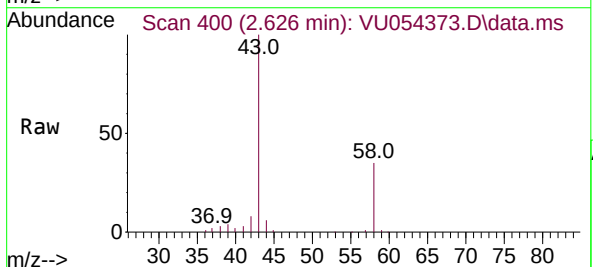
Instrument :
MSVOA_U
ClientSampleId :
TP-15-0A

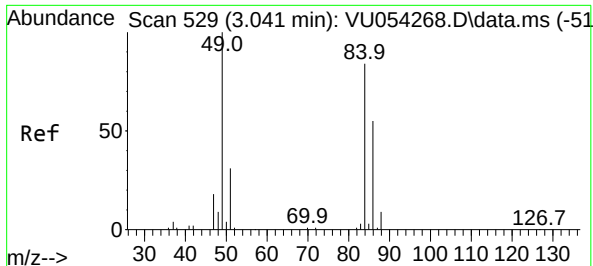
Tgt Ion:168 Resp: 255000
Ion Ratio Lower Upper
168 100
99 55.4 39.3 58.9



#16
Acetone
Concen: 26.717 ug/l
RT: 2.626 min Scan# 400
Delta R.T. -0.010 min
Lab File: VU054373.D
Acq: 01 Jun 2023 05:38

Tgt Ion: 43 Resp: 51192
Ion Ratio Lower Upper
43 100
58 35.5 27.5 41.3

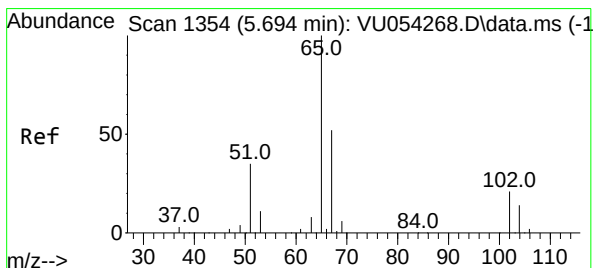
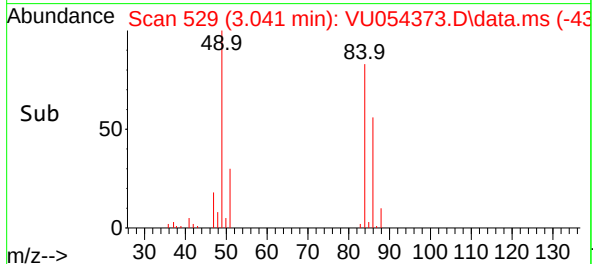
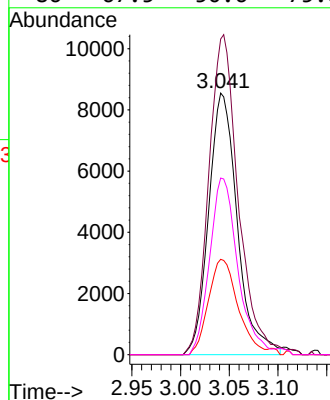
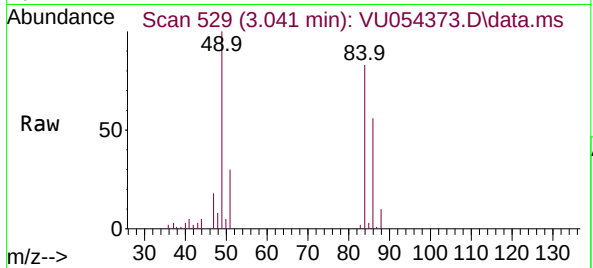




#20
Methylene Chloride
Concen: 5.049 ug/l
RT: 3.041 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU054373.D
Acq: 01 Jun 2023 05:38

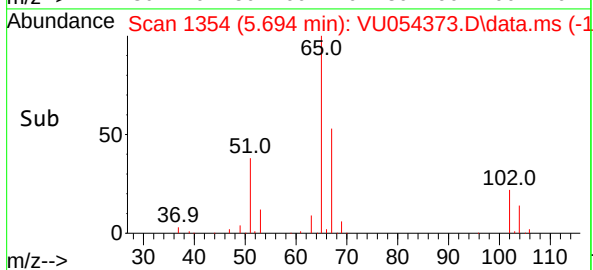
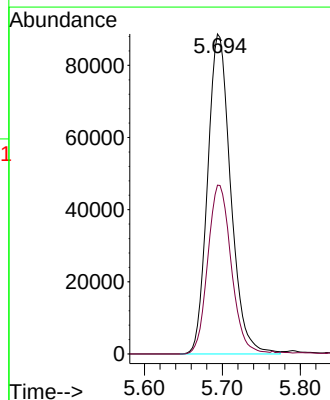
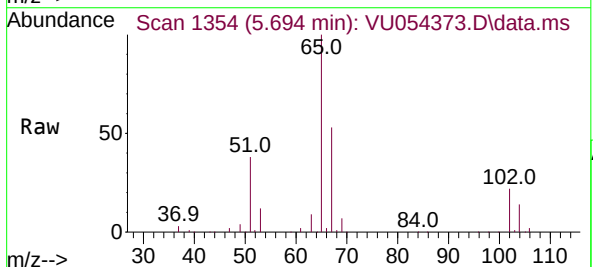
Instrument :
MSVOA_U
ClientSampleId :
TP-15-0A

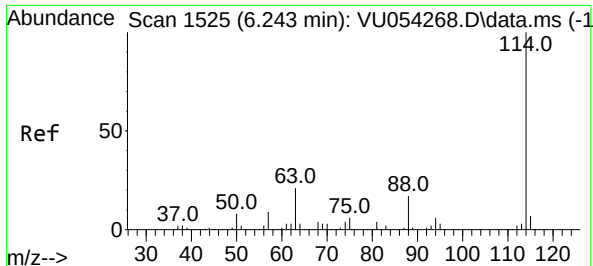
Tgt Ion:	84	Resp:	17455
Ion	Ratio	Lower	Upper
84	100		
49	120.6	86.6	129.8
51	36.4	26.6	40.0
86	67.5	50.6	75.8



#33
1,2-Dichloroethane-d4
Concen: 54.674 ug/l
RT: 5.694 min Scan# 1354
Delta R.T. -0.000 min
Lab File: VU054373.D
Acq: 01 Jun 2023 05:38

Tgt Ion:	65	Resp:	182765
Ion	Ratio	Lower	Upper
65	100		
67	53.6	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: VU054373.D

Acq: 01 Jun 2023 05:38

Instrument :

MSVOA_U

ClientSampleId :

TP-15-0A

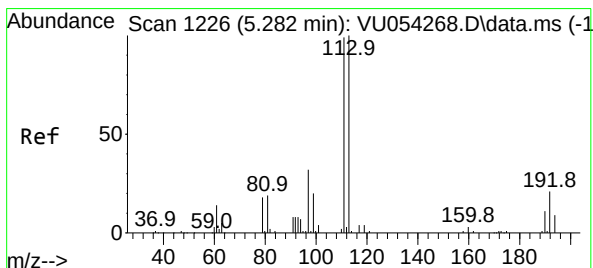
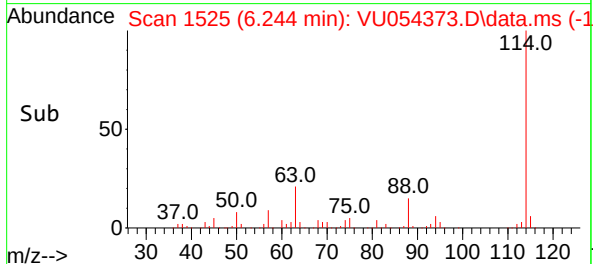
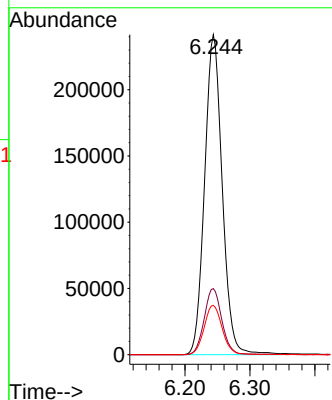
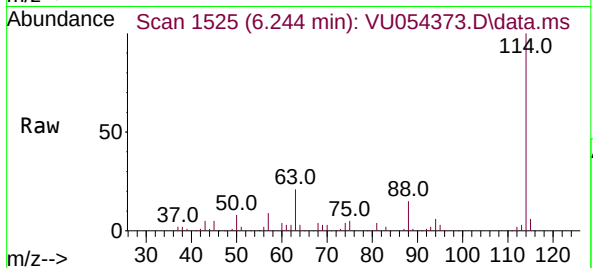
Tgt Ion:114 Resp: 456486

Ion Ratio Lower Upper

114 100

63 20.6 0.0 37.8

88 15.4 0.0 29.2



#35

Dibromofluoromethane

Concen: 50.466 ug/l

RT: 5.282 min Scan# 1226

Delta R.T. 0.000 min

Lab File: VU054373.D

Acq: 01 Jun 2023 05:38

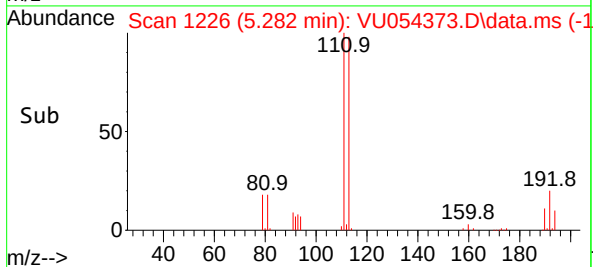
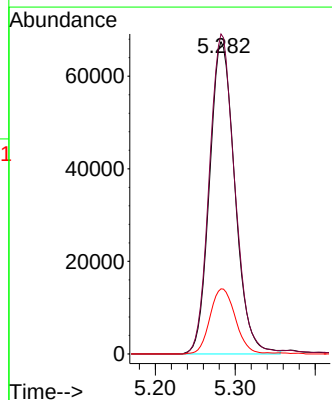
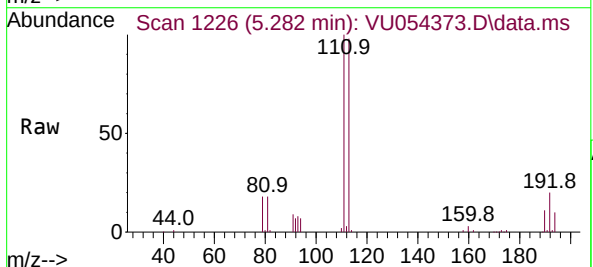
Tgt Ion:113 Resp: 148354

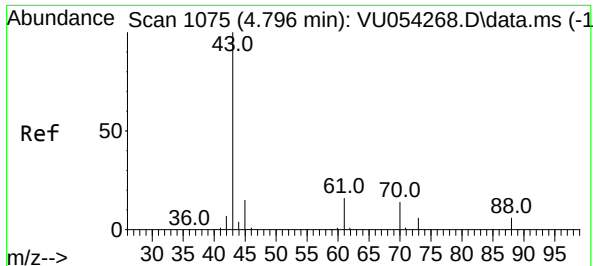
Ion Ratio Lower Upper

113 100

111 102.8 82.1 123.1

192 20.9 18.0 27.0





#37

Ethyl Acetate

Concen: 9.357 ug/l

RT: 4.800 min Scan# 1

Delta R.T. 0.004 min

Lab File: VU054373.D

Acq: 01 Jun 2023 05:38

Instrument :

MSVOA_U

ClientSampleId :

TP-15-0A

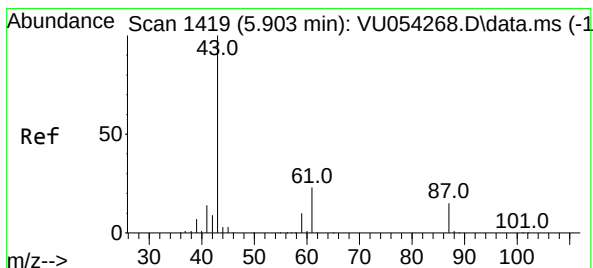
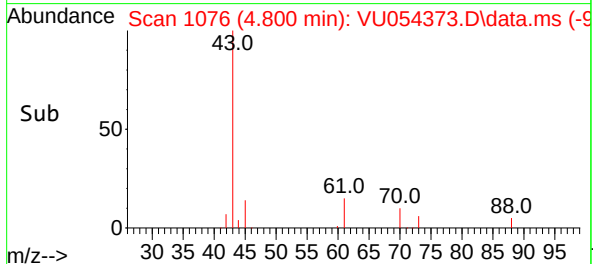
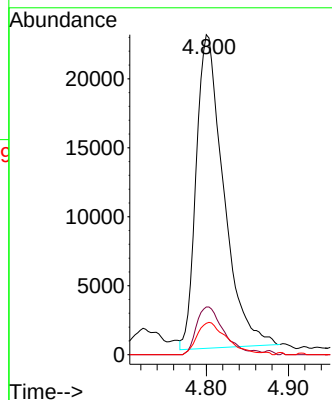
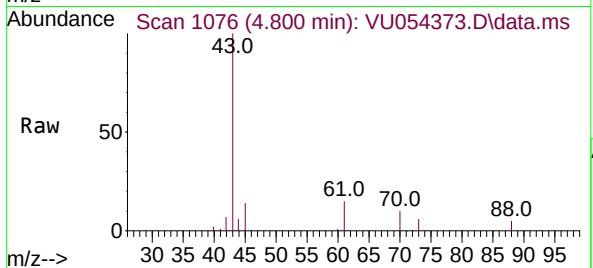
Tgt Ion: 43 Resp: 52653

Ion Ratio Lower Upper

43 100

61 15.0 9.5 14.3#

70 11.2 7.5 11.3



#43

Isopropyl Acetate

Concen: 26.021 ug/l

RT: 5.906 min Scan# 1420

Delta R.T. 0.003 min

Lab File: VU054373.D

Acq: 01 Jun 2023 05:38

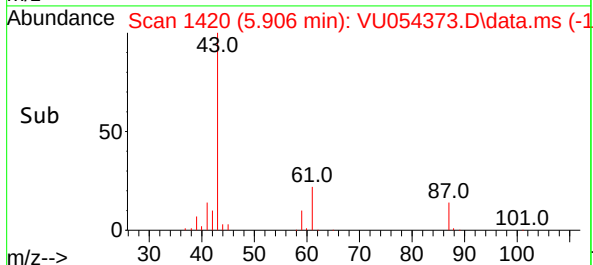
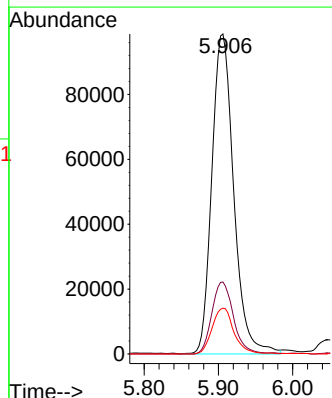
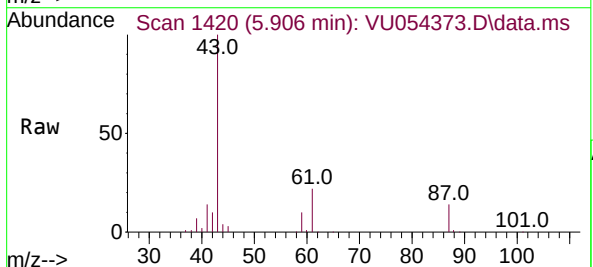
Tgt Ion: 43 Resp: 201971

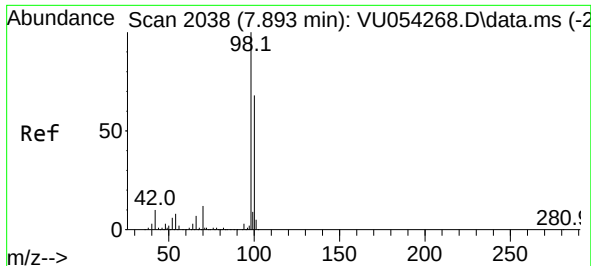
Ion Ratio Lower Upper

43 100

61 22.1 17.4 26.0

87 14.2 12.6 18.8

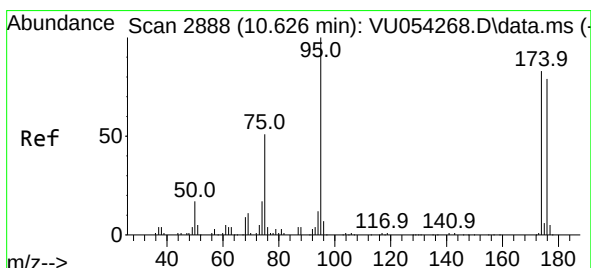
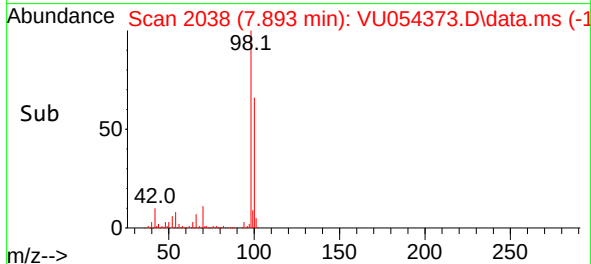
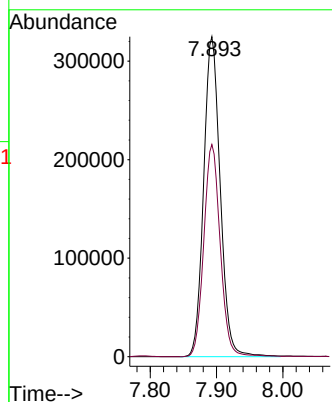
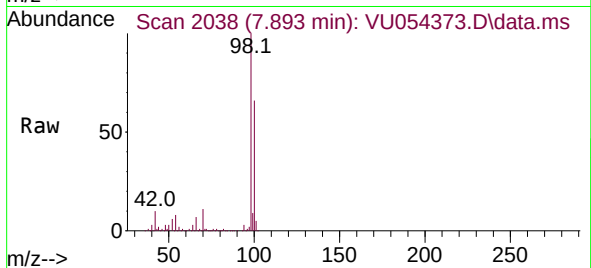




#50
Toluene-d8
Concen: 50.423 ug/l
RT: 7.893 min Scan# 2038
Delta R.T. -0.000 min
Lab File: VU054373.D
Acq: 01 Jun 2023 05:38

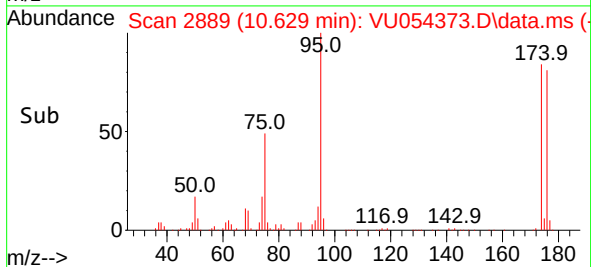
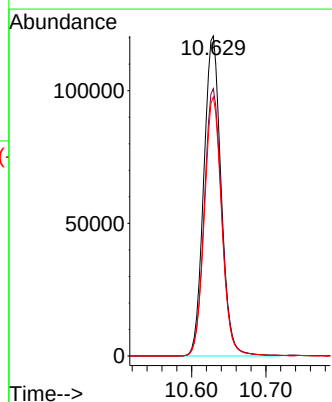
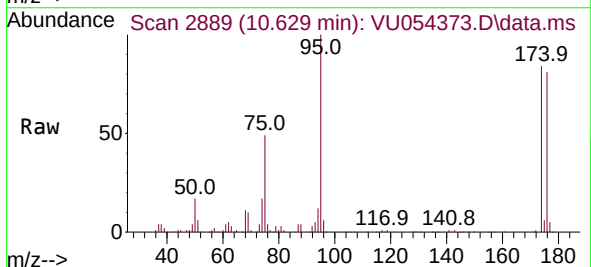
Instrument :
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ClientSampleId :
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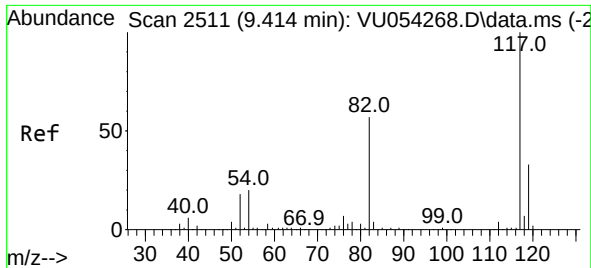
Tgt Ion: 98 Resp: 563804
Ion Ratio Lower Upper
98 100
100 65.7 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 44.987 ug/l
RT: 10.629 min Scan# 2889
Delta R.T. 0.003 min
Lab File: VU054373.D
Acq: 01 Jun 2023 05:38

Tgt Ion: 95 Resp: 195043
Ion Ratio Lower Upper
95 100
174 84.9 0.0 182.0
176 81.2 0.0 177.8

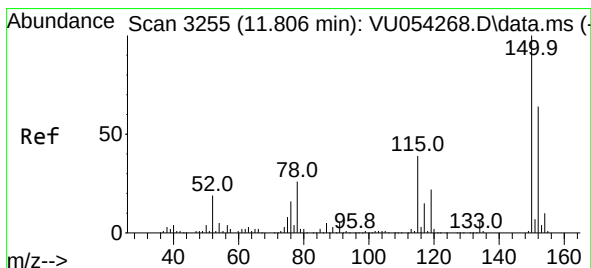
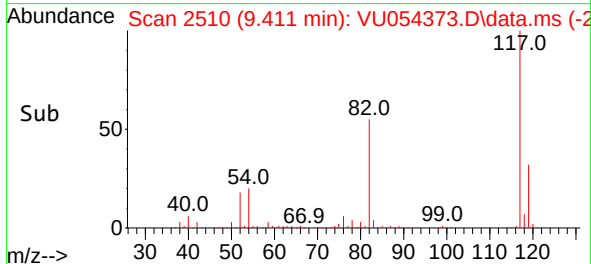
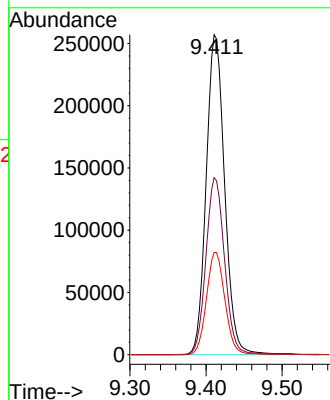
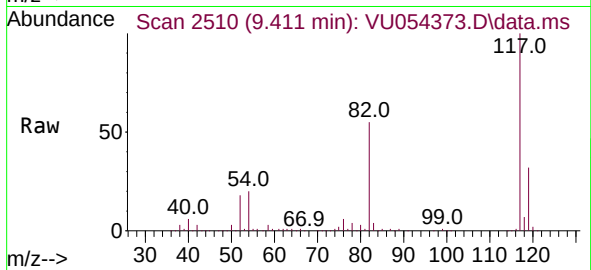




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.411 min Scan# 2510
Delta R.T. -0.003 min
Lab File: VU054373.D
Acq: 01 Jun 2023 05:38

Instrument :
MSVOA_U
ClientSampleId :
TP-15-0A

Tgt Ion:117 Resp: 432669
Ion Ratio Lower Upper
117 100
82 55.2 41.7 62.5
119 32.0 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: VU054373.D
Acq: 01 Jun 2023 05:38

Tgt Ion:152 Resp: 209235
Ion Ratio Lower Upper
152 100
115 58.1 37.0 110.9
150 157.5 0.0 342.2

