

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU053123\
 Data File : VU054348.D
 Acq On : 31 May 2023 19:23
 Operator : JC/MD
 Sample : PB153123ZHE#07
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PB153123ZHE#07

Quant Time: Jun 01 05:25:34 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)

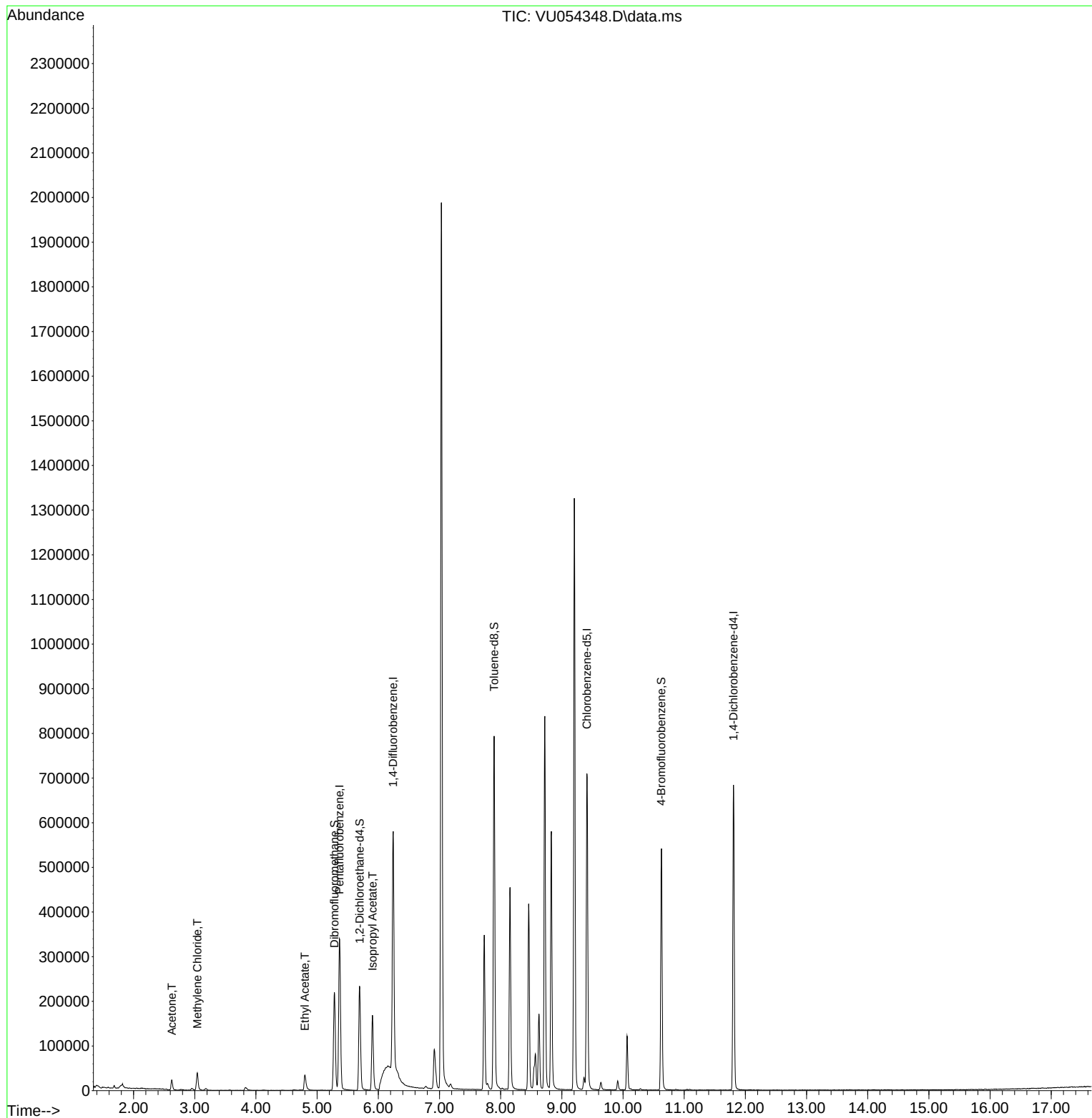
Internal Standards						
1) Pentafluorobenzene	5.366	168	247331	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.244	114	436639	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.411	117	404180	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.806	152	189492	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.697	65	176114	54.318	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	108.640%	
35) Dibromofluoromethane	5.282	113	142498	50.678	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	101.360%	
50) Toluene-d8	7.893	98	531714	49.714	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	99.420%	
62) 4-Bromofluorobenzene	10.626	95	179617	43.312	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	86.620%	
Target Compounds						
					Qvalue	
16) Acetone	2.623	43	26078	14.032	ug/l	100
20) Methylene Chloride	3.041	84	19881	5.930	ug/l	90
37) Ethyl Acetate	4.800	43	46105	8.566	ug/l #	92
43) Isopropyl Acetate	5.906	43	175590	23.651	ug/l	98

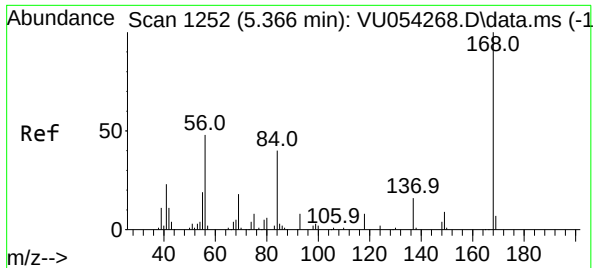
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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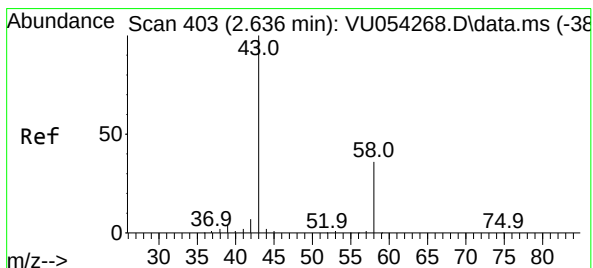
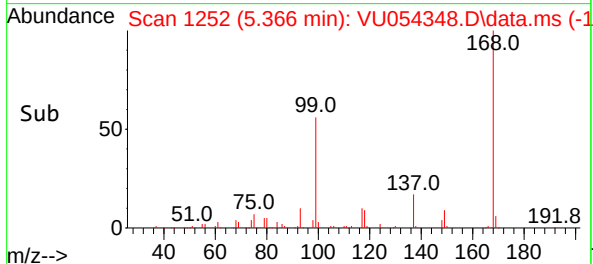
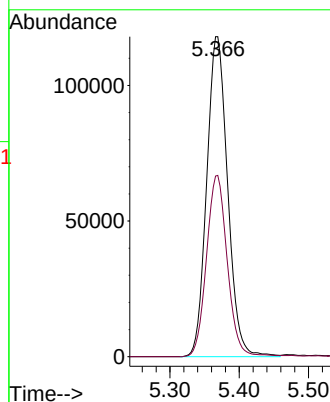
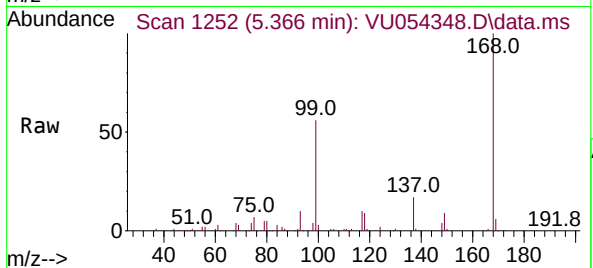




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.366 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU054348.D
Acq: 31 May 2023 19:23

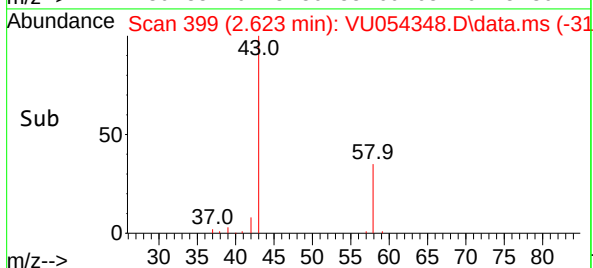
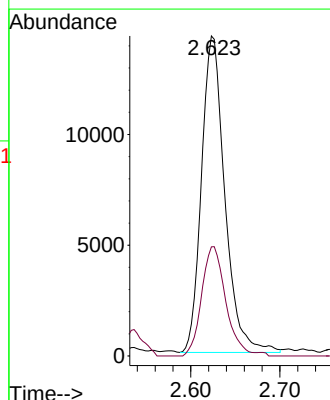
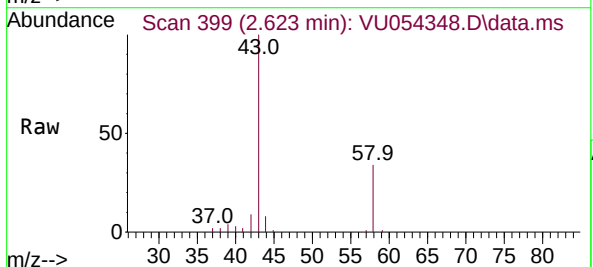
Instrument :
MSVOA_U
ClientSampleId :
PB153123ZHE#07

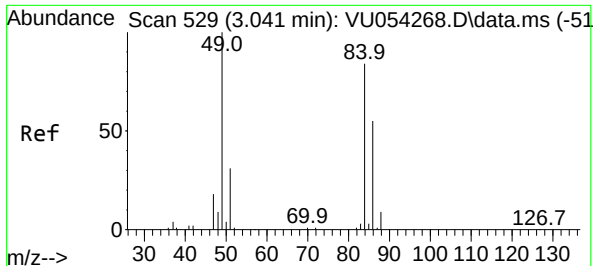
Tgt Ion:168 Resp: 247331
Ion Ratio Lower Upper
168 100
99 56.5 39.3 58.9



#16
Acetone
Concen: 14.032 ug/l
RT: 2.623 min Scan# 399
Delta R.T. -0.013 min
Lab File: VU054348.D
Acq: 31 May 2023 19:23

Tgt Ion: 43 Resp: 26078
Ion Ratio Lower Upper
43 100
58 34.5 27.5 41.3

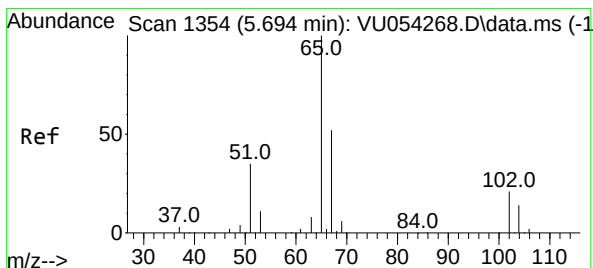
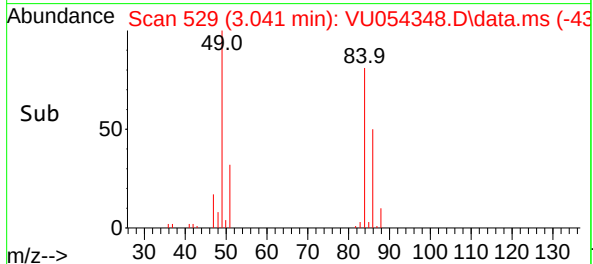
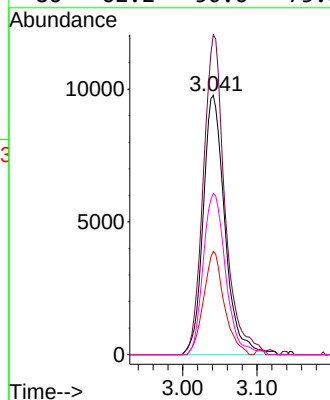
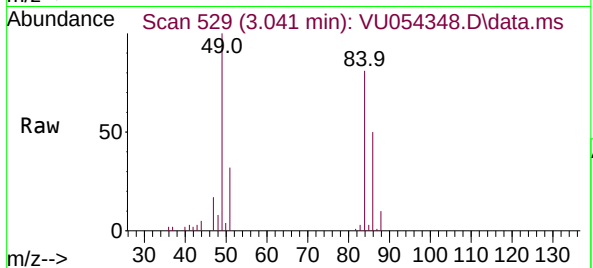




#20
Methylene Chloride
Concen: 5.930 ug/l
RT: 3.041 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU054348.D
Acq: 31 May 2023 19:23

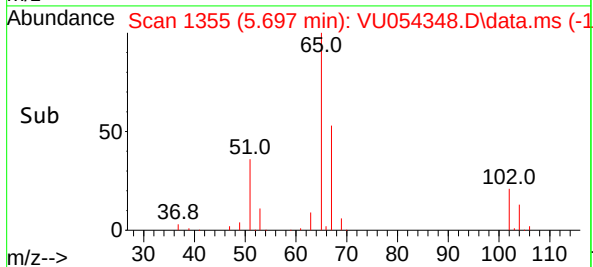
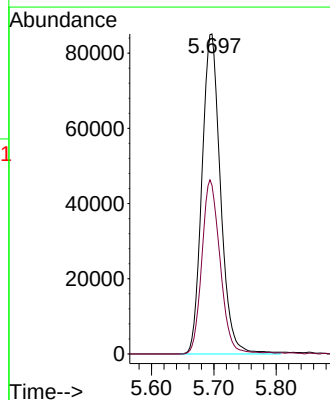
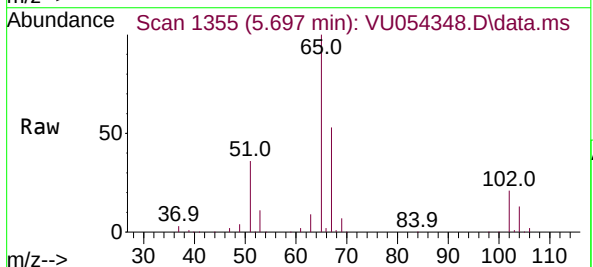
Instrument :
MSVOA_U
ClientSampleId :
PB153123ZHE#07

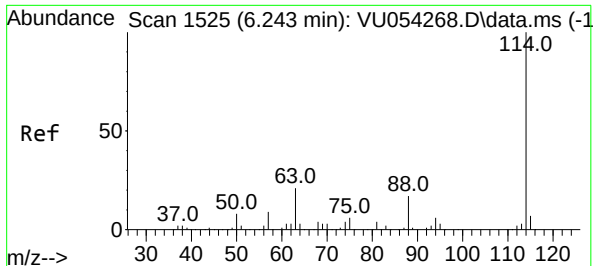
Tgt Ion:	84	Resp:	19881
Ion	Ratio	Lower	Upper
84	100		
49	123.4	86.6	129.8
51	39.8	26.6	40.0
86	62.2	50.6	75.8



#33
1,2-Dichloroethane-d4
Concen: 54.318 ug/l
RT: 5.697 min Scan# 1355
Delta R.T. 0.003 min
Lab File: VU054348.D
Acq: 31 May 2023 19:23

Tgt Ion:	65	Resp:	176114
Ion	Ratio	Lower	Upper
65	100		
67	53.4	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: VU054348.D

Acq: 31 May 2023 19:23

Instrument :

MSVOA_U

ClientSampleId :

PB153123ZHE#07

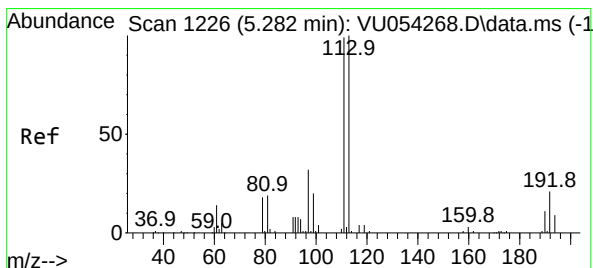
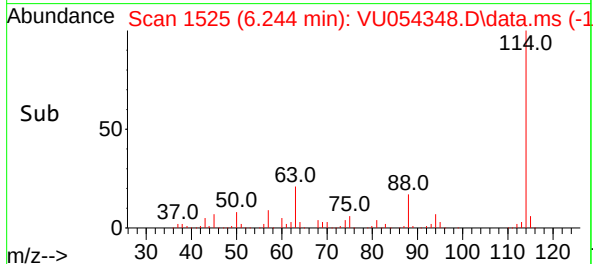
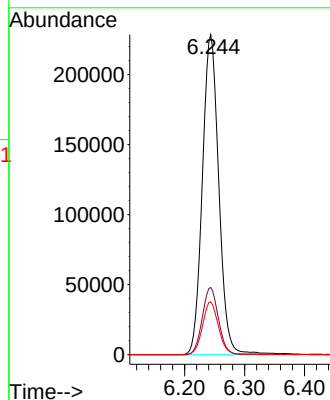
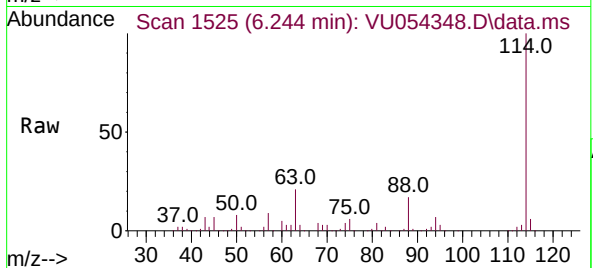
Tgt Ion:114 Resp: 436639

Ion Ratio Lower Upper

114 100

63 21.0 0.0 37.8

88 16.6 0.0 29.2



#35

Dibromofluoromethane

Concen: 50.678 ug/l

RT: 5.282 min Scan# 1226

Delta R.T. 0.000 min

Lab File: VU054348.D

Acq: 31 May 2023 19:23

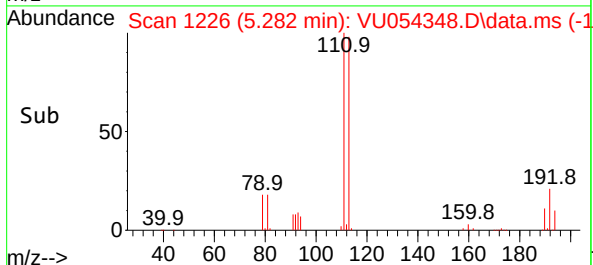
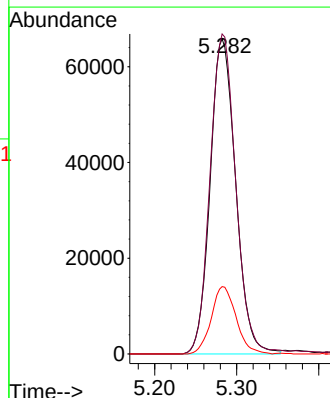
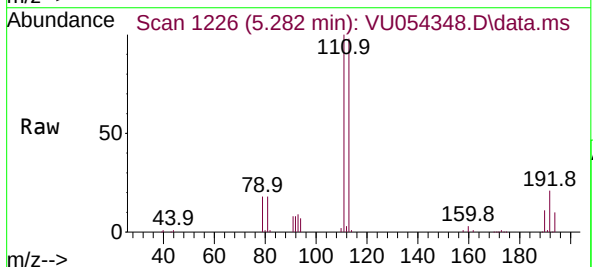
Tgt Ion:113 Resp: 142498

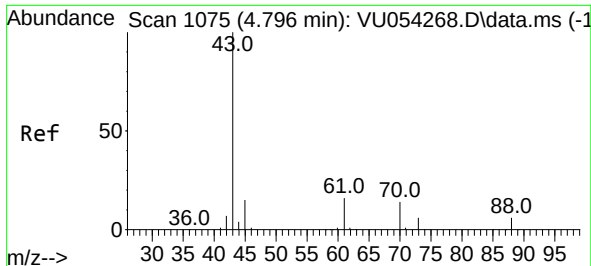
Ion Ratio Lower Upper

113 100

111 102.3 82.1 123.1

192 20.8 18.0 27.0





#37

Ethyl Acetate

Concen: 8.566 ug/l

RT: 4.800 min Scan# 1

Delta R.T. 0.004 min

Lab File: VU054348.D

Acq: 31 May 2023 19:23

Instrument :

MSVOA_U

ClientSampleId :

PB153123ZHE#07

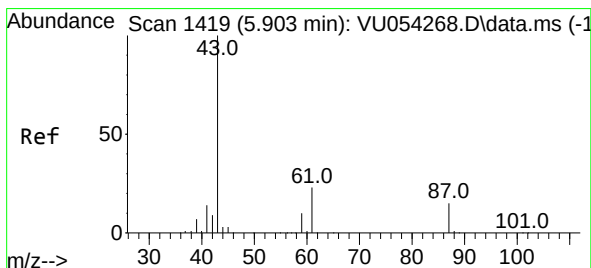
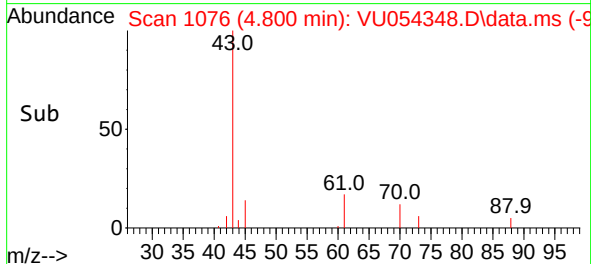
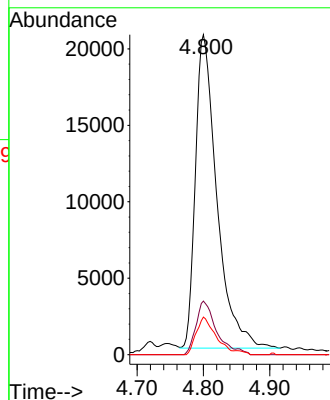
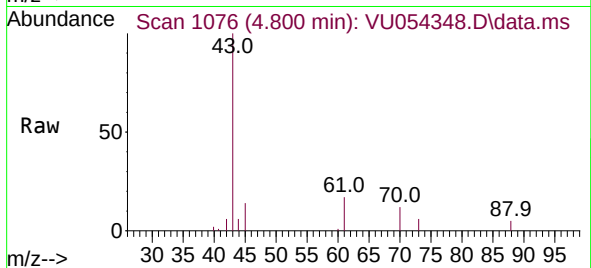
Tgt Ion: 43 Resp: 46105

Ion Ratio Lower Upper

43 100

61 16.3 9.5 14.3#

70 10.8 7.5 11.3



#43

Isopropyl Acetate

Concen: 23.651 ug/l

RT: 5.906 min Scan# 1420

Delta R.T. 0.003 min

Lab File: VU054348.D

Acq: 31 May 2023 19:23

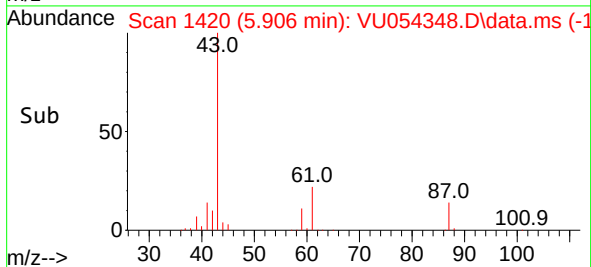
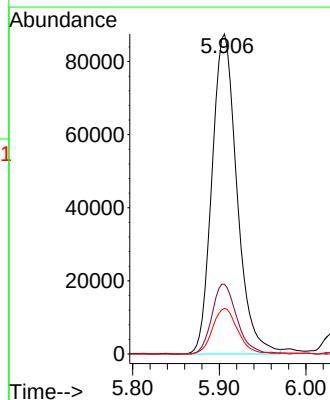
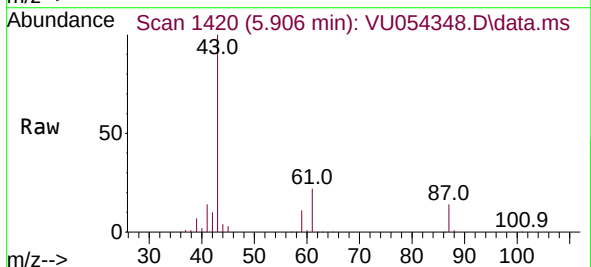
Tgt Ion: 43 Resp: 175590

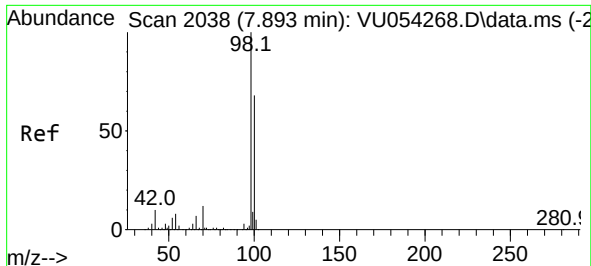
Ion Ratio Lower Upper

43 100

61 22.2 17.4 26.0

87 14.3 12.6 18.8

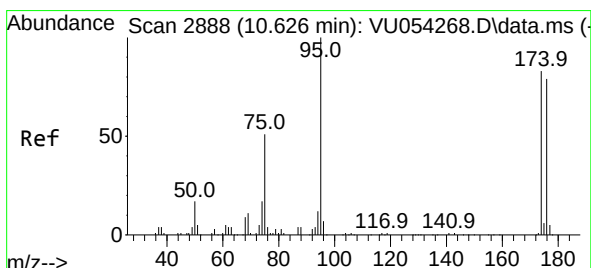
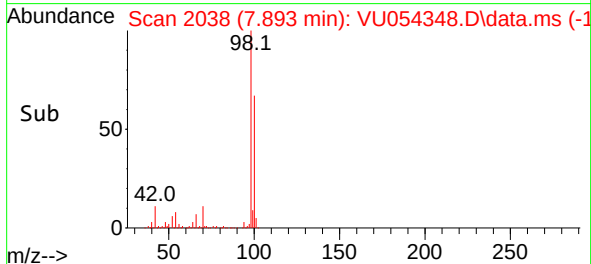
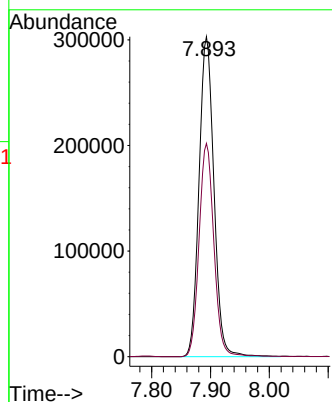
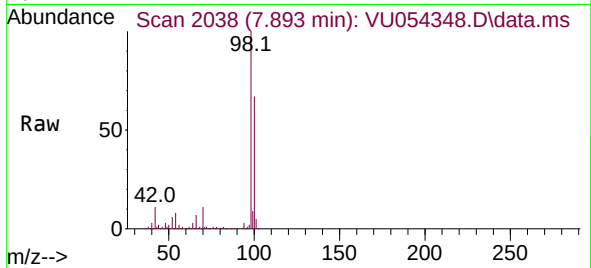




#50
Toluene-d8
Concen: 49.714 ug/l
RT: 7.893 min Scan# 2038
Delta R.T. 0.000 min
Lab File: VU054348.D
Acq: 31 May 2023 19:23

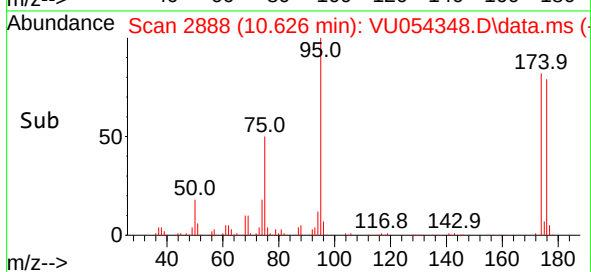
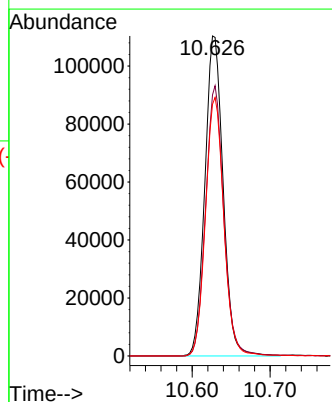
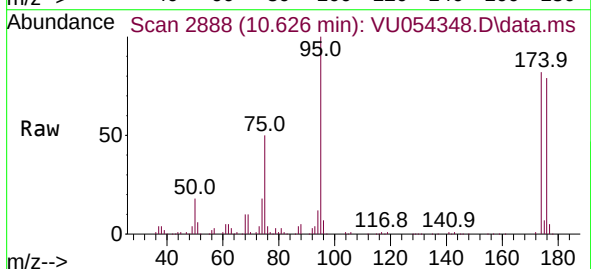
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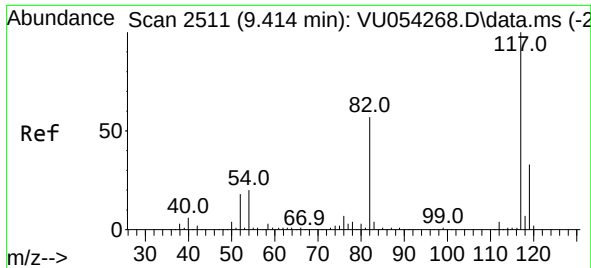
Tgt Ion: 98 Resp: 531714
Ion Ratio Lower Upper
98 100
100 66.5 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 43.312 ug/l
RT: 10.626 min Scan# 2888
Delta R.T. 0.000 min
Lab File: VU054348.D
Acq: 31 May 2023 19:23

Tgt Ion: 95 Resp: 179617
Ion Ratio Lower Upper
95 100
174 84.0 0.0 182.0
176 80.9 0.0 177.8

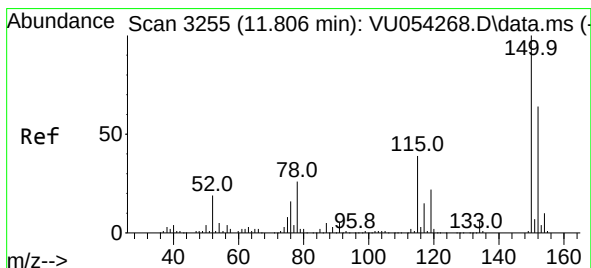
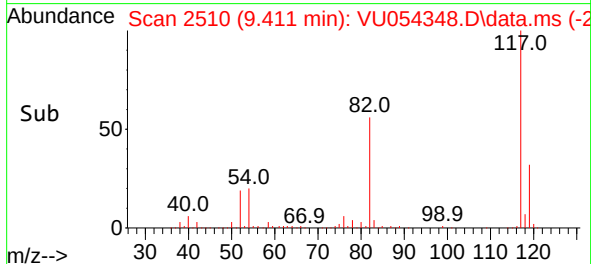
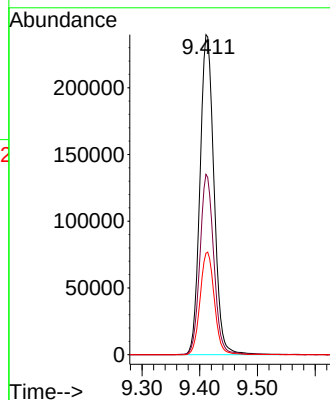
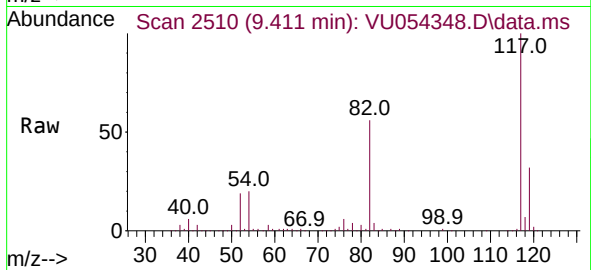




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.411 min Scan# 2511
Delta R.T. -0.003 min
Lab File: VU054348.D
Acq: 31 May 2023 19:23

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Tgt Ion:117 Resp: 404180
Ion Ratio Lower Upper
117 100
82 56.3 41.7 62.5
119 31.7 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: VU054348.D
Acq: 31 May 2023 19:23

Tgt Ion:152 Resp: 189492
Ion Ratio Lower Upper
152 100
115 58.3 37.0 110.9
150 156.0 0.0 342.2

