

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU053123\
 Data File : VU054346.D
 Acq On : 31 May 2023 18:35
 Operator : JC/MD
 Sample : PB153123ZHE#05
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PB153123ZHE#05

Quant Time: Jun 01 05:24:42 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)

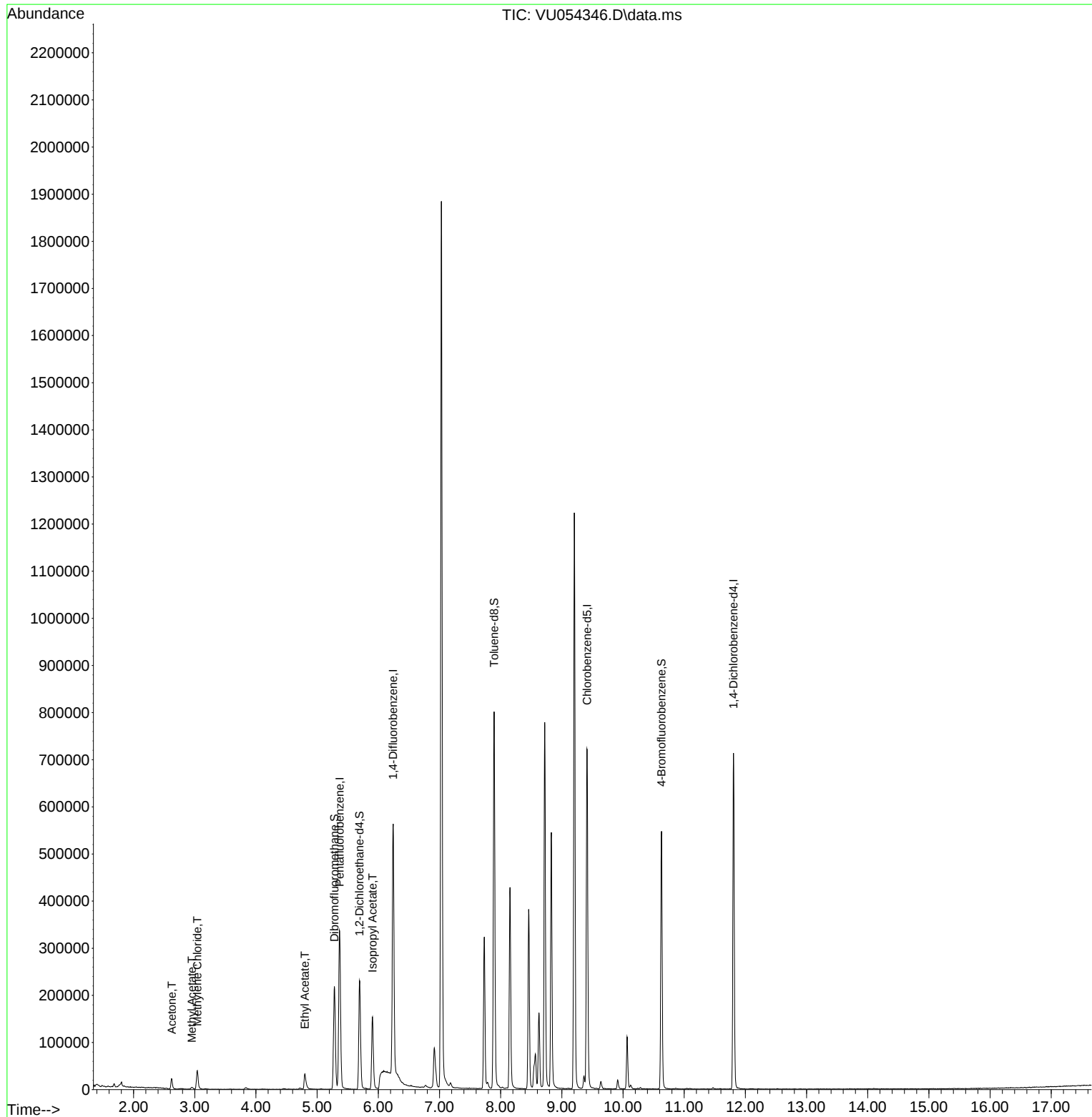
Internal Standards						
1) Pentafluorobenzene	5.369	168	246881	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.243	114	436063	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.414	117	413118	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.806	152	195444	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.694	65	172294	53.237	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 106.480%	
35) Dibromofluoromethane	5.282	113	141510	50.393	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.780%	
50) Toluene-d8	7.893	98	537824	50.352	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 100.700%	
62) 4-Bromofluorobenzene	10.629	95	185489	44.787	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 89.580%	
Target Compounds						
					Qvalue	
16) Acetone	2.623	43	24850	13.395	ug/l	99
18) Methyl Acetate	2.951	43	6899	1.019	ug/l	89
20) Methylene Chloride	3.041	84	21447	6.408	ug/l	95
37) Ethyl Acetate	4.800	43	44167	8.217	ug/l #	93
43) Isopropyl Acetate	5.906	43	164091	22.131	ug/l	98

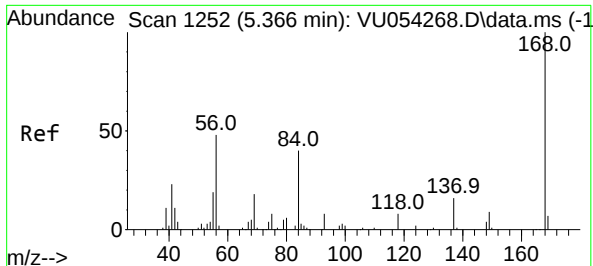
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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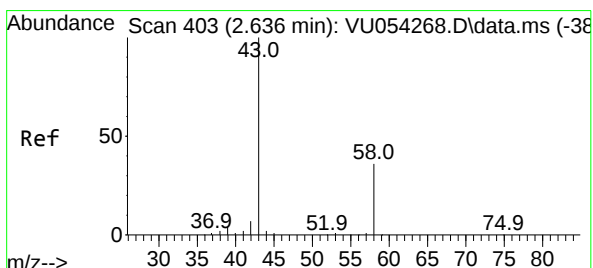
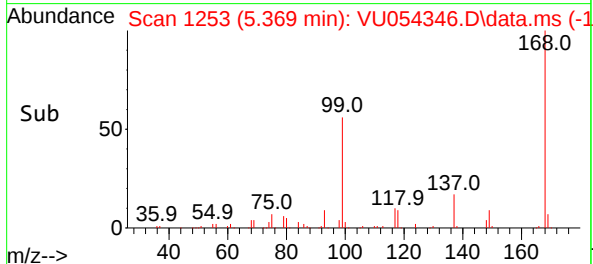
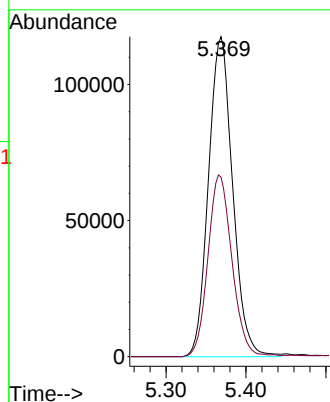
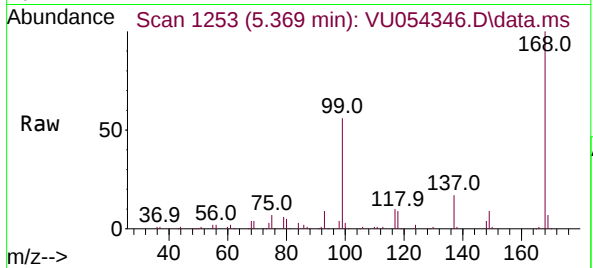




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.369 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU054346.D
Acq: 31 May 2023 18:35

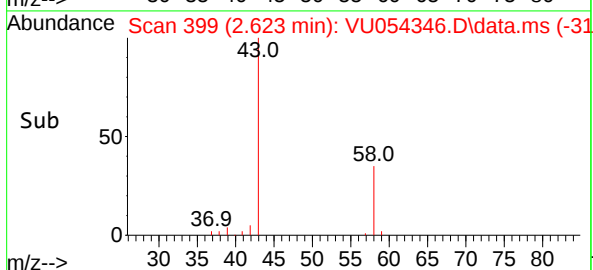
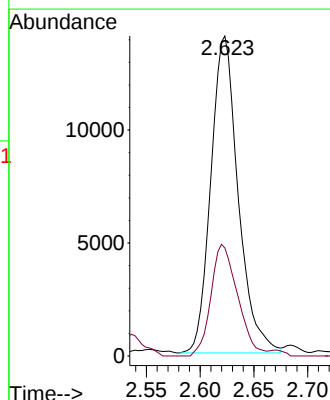
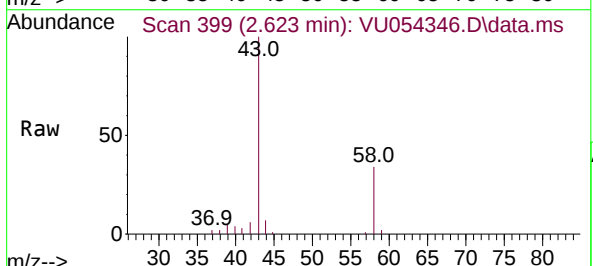
Instrument :
MSVOA_U
ClientSampleId :
PB153123ZHE#05

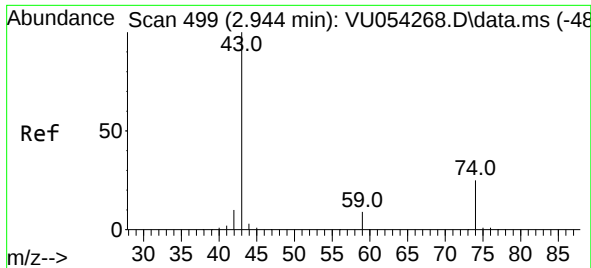
Tgt Ion:168 Resp: 246881
Ion Ratio Lower Upper
168 100
99 56.1 39.3 58.9



#16
Acetone
Concen: 13.395 ug/l
RT: 2.623 min Scan# 399
Delta R.T. -0.013 min
Lab File: VU054346.D
Acq: 31 May 2023 18:35

Tgt Ion: 43 Resp: 24850
Ion Ratio Lower Upper
43 100
58 34.1 27.5 41.3

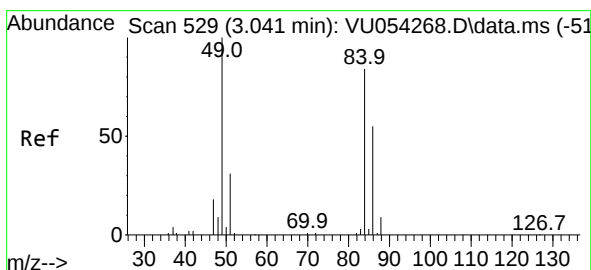
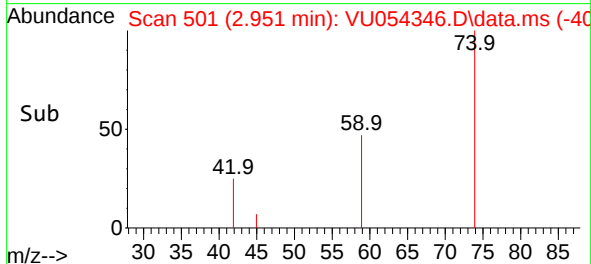
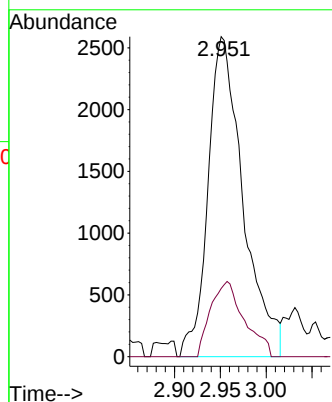
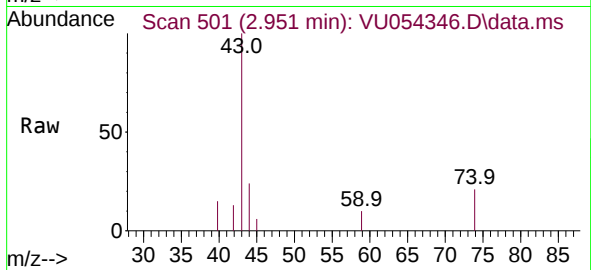




#18
Methyl Acetate
Concen: 1.019 ug/l
RT: 2.951 min Scan# 501
Delta R.T. 0.007 min
Lab File: VU054346.D
Acq: 31 May 2023 18:35

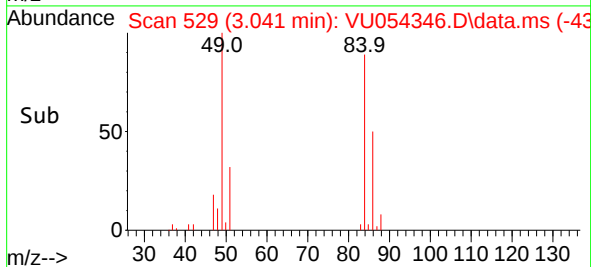
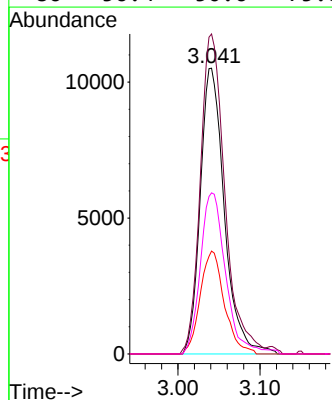
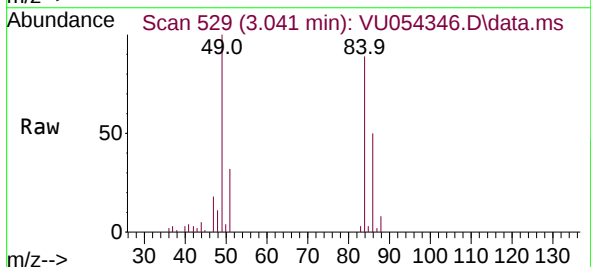
Instrument :
MSVOA_U
ClientSampleId :
PB153123ZHE#05

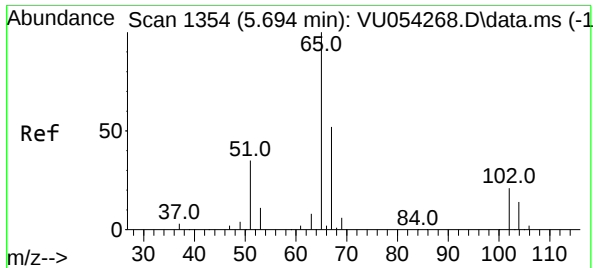
Tgt Ion: 43 Resp: 6899
Ion Ratio Lower Upper
43 100
74 22.5 22.5 33.7



#20
Methylene Chloride
Concen: 6.408 ug/l
RT: 3.041 min Scan# 529
Delta R.T. -0.000 min
Lab File: VU054346.D
Acq: 31 May 2023 18:35

Tgt Ion: 84 Resp: 21447
Ion Ratio Lower Upper
84 100
49 112.0 86.6 129.8
51 36.0 26.6 40.0
86 56.4 50.6 75.8





#33

1,2-Dichloroethane-d4

Concen: 53.237 ug/l

RT: 5.694 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU054346.D

Acq: 31 May 2023 18:35

Instrument :

MSVOA_U

ClientSampleId :

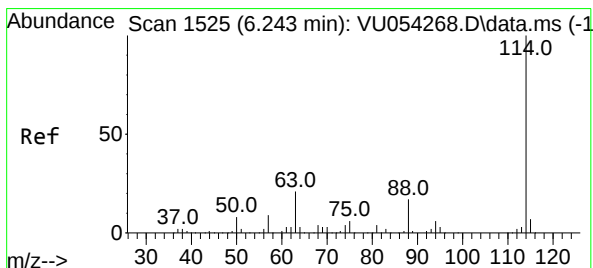
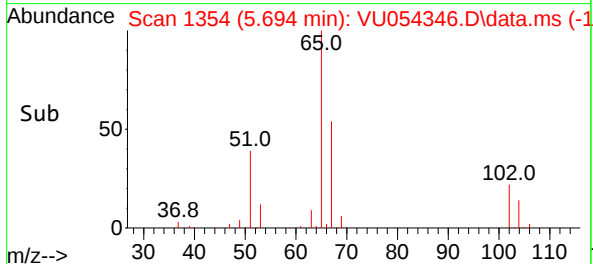
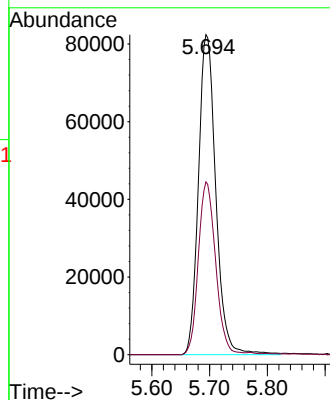
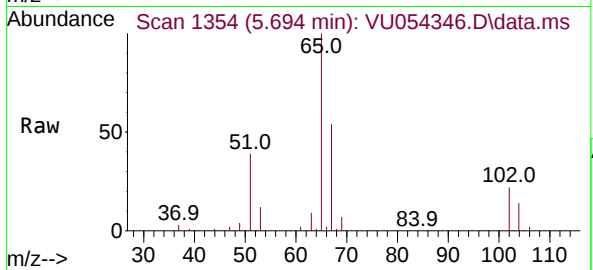
PB153123ZHE#05

Tgt Ion: 65 Resp: 172294

Ion Ratio Lower Upper

65 100

67 53.6 0.0 108.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.243 min Scan# 1525

Delta R.T. 0.000 min

Lab File: VU054346.D

Acq: 31 May 2023 18:35

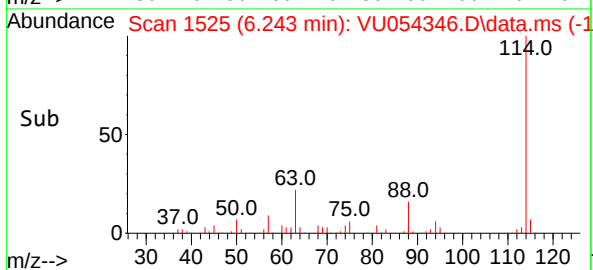
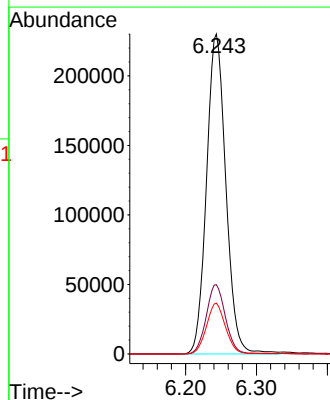
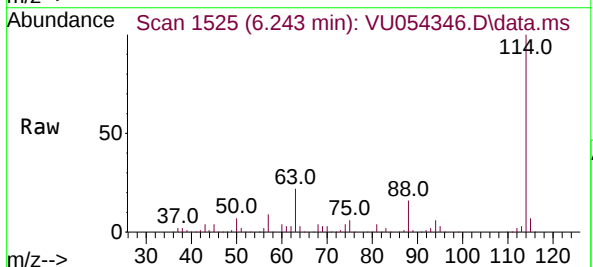
Tgt Ion:114 Resp: 436063

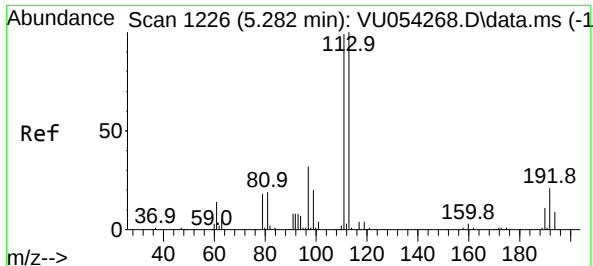
Ion Ratio Lower Upper

114 100

63 21.7 0.0 37.8

88 15.9 0.0 29.2

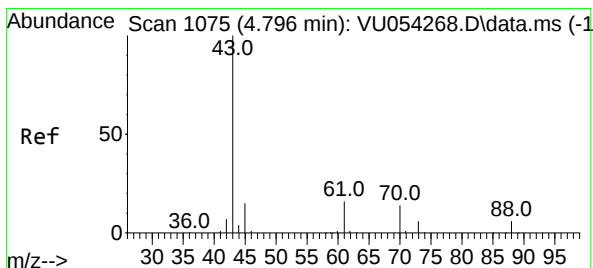
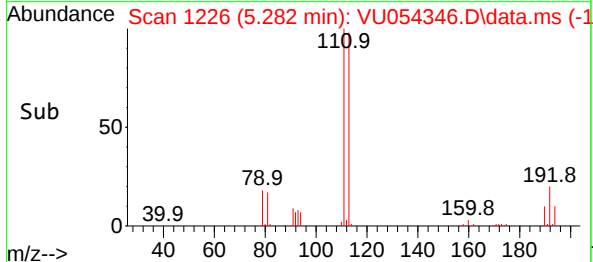
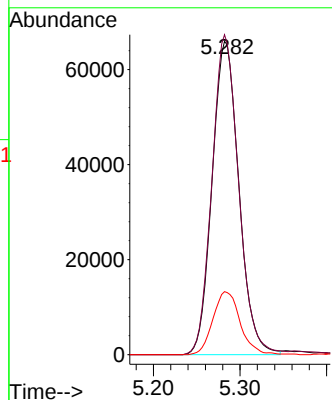
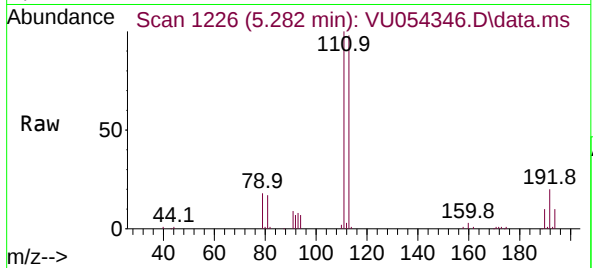




#35
Dibromofluoromethane
Concen: 50.393 ug/l
RT: 5.282 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU054346.D
Acq: 31 May 2023 18:35

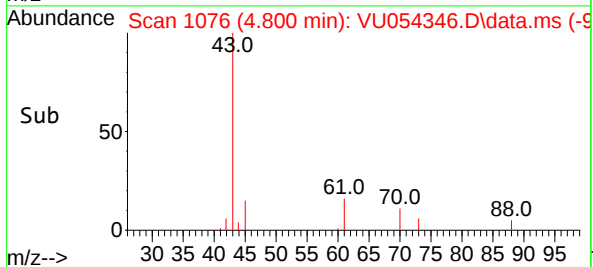
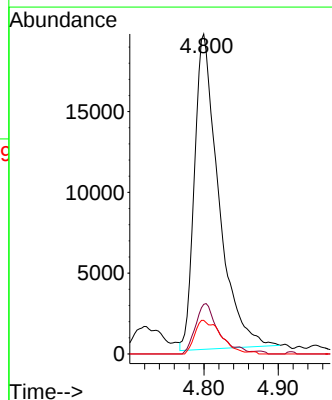
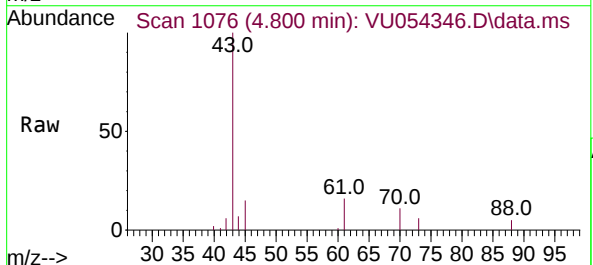
Instrument :
MSVOA_U
ClientSampleId :
PB153123ZHE#05

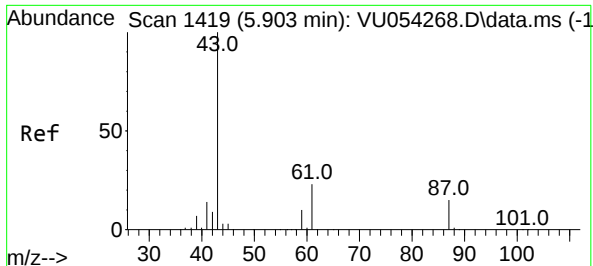
Tgt Ion:113 Resp: 141510
Ion Ratio Lower Upper
113 100
111 101.9 82.1 123.1
192 20.5 18.0 27.0



#37
Ethyl Acetate
Concen: 8.217 ug/l
RT: 4.800 min Scan# 1076
Delta R.T. 0.004 min
Lab File: VU054346.D
Acq: 31 May 2023 18:35

Tgt Ion: 43 Resp: 44167
Ion Ratio Lower Upper
43 100
61 15.3 9.5 14.3#
70 11.6 7.5 11.3#

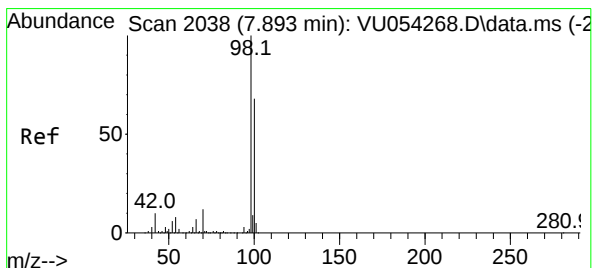
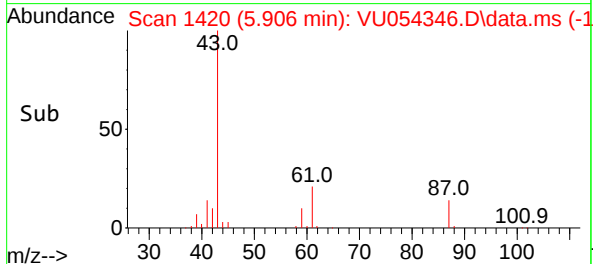
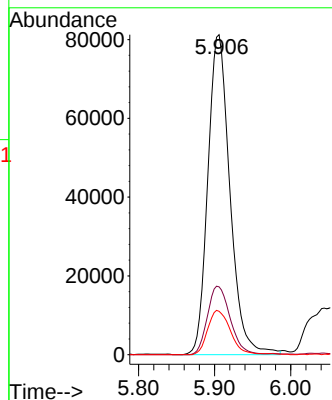
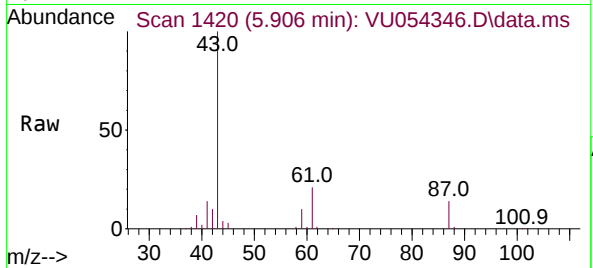




#43
Isopropyl Acetate
Concen: 22.131 ug/l
RT: 5.906 min Scan# 1419
Delta R.T. 0.003 min
Lab File: VU054346.D
Acq: 31 May 2023 18:35

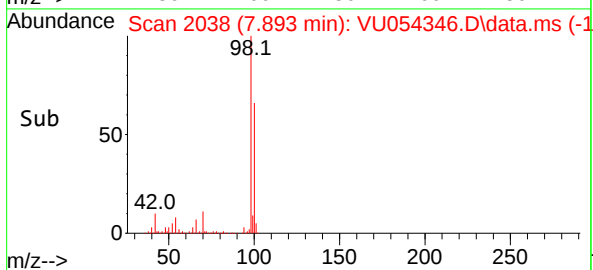
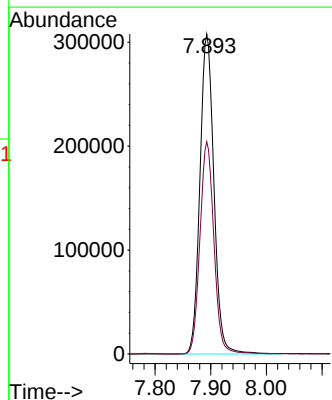
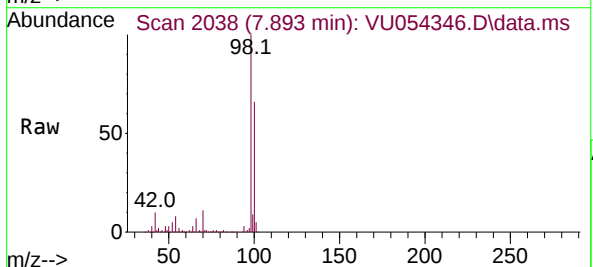
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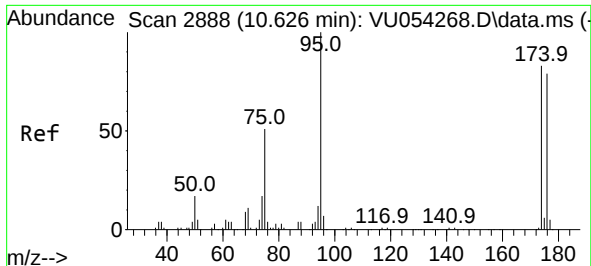
Tgt Ion: 43 Resp: 164091
Ion Ratio Lower Upper
43 100
61 22.0 17.4 26.0
87 14.3 12.6 18.8



#50
Toluene-d8
Concen: 50.352 ug/l
RT: 7.893 min Scan# 2038
Delta R.T. -0.000 min
Lab File: VU054346.D
Acq: 31 May 2023 18:35

Tgt Ion: 98 Resp: 537824
Ion Ratio Lower Upper
98 100
100 66.2 51.7 77.5

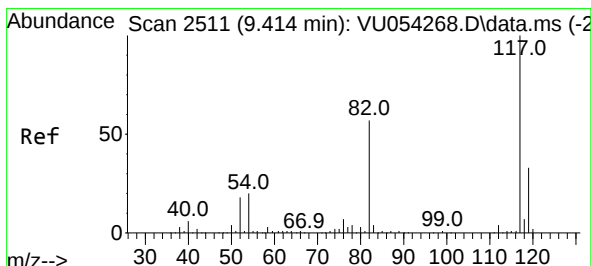
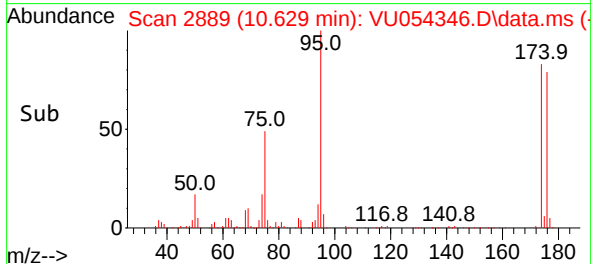
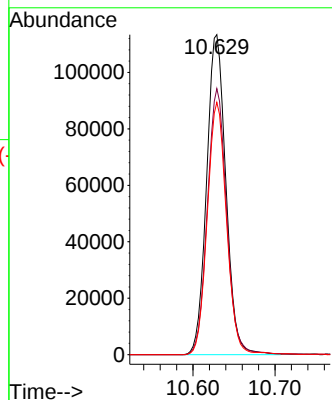
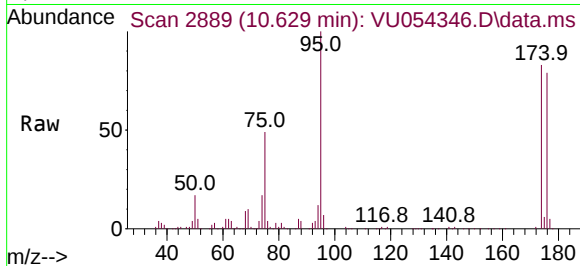




#62
4-Bromofluorobenzene
Concen: 44.787 ug/l
RT: 10.629 min Scan# 2889
Delta R.T. 0.003 min
Lab File: VU054346.D
Acq: 31 May 2023 18:35

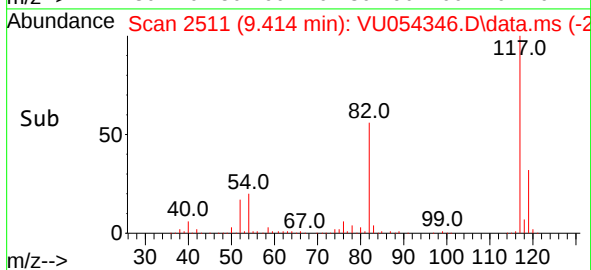
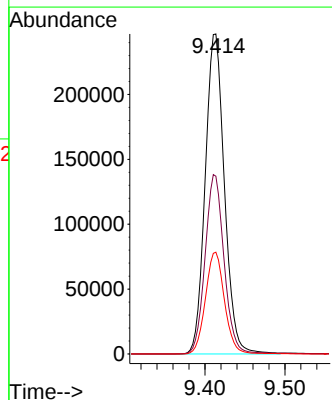
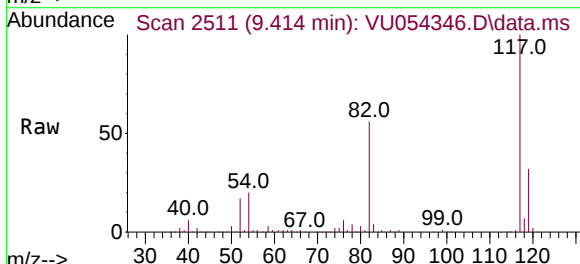
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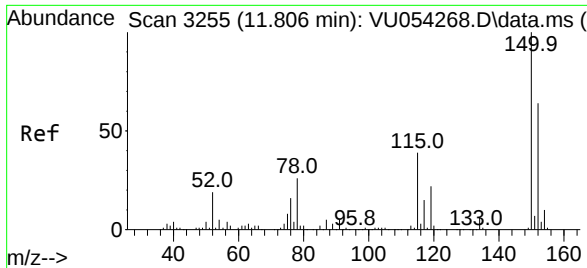
Tgt Ion: 95 Resp: 185489
Ion Ratio Lower Upper
95 100
174 83.4 0.0 182.0
176 78.1 0.0 177.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.414 min Scan# 2511
Delta R.T. -0.000 min
Lab File: VU054346.D
Acq: 31 May 2023 18:35

Tgt Ion: 117 Resp: 413118
Ion Ratio Lower Upper
117 100
82 55.5 41.7 62.5
119 31.8 25.7 38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.806 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU054346.D

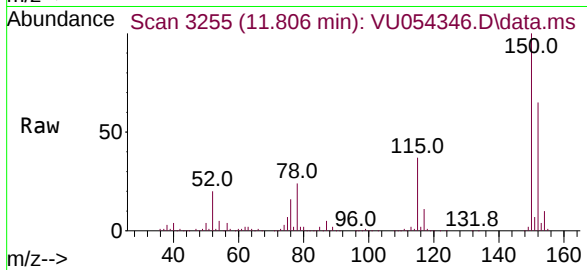
Acq: 31 May 2023 18:35

Instrument :

MSVOA_U

ClientSampleId :

PB153123ZHE#05



Tgt Ion:152 Resp: 195444

Ion Ratio Lower Upper

152 100

115 56.8 37.0 110.9

150 155.3 0.0 342.2

