

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU053123\
 Data File : VU054341.D
 Acq On : 31 May 2023 16:36
 Operator : JC/MD
 Sample : PB153123TB
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PB153123TB

Quant Time: Jun 01 05:22:46 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)

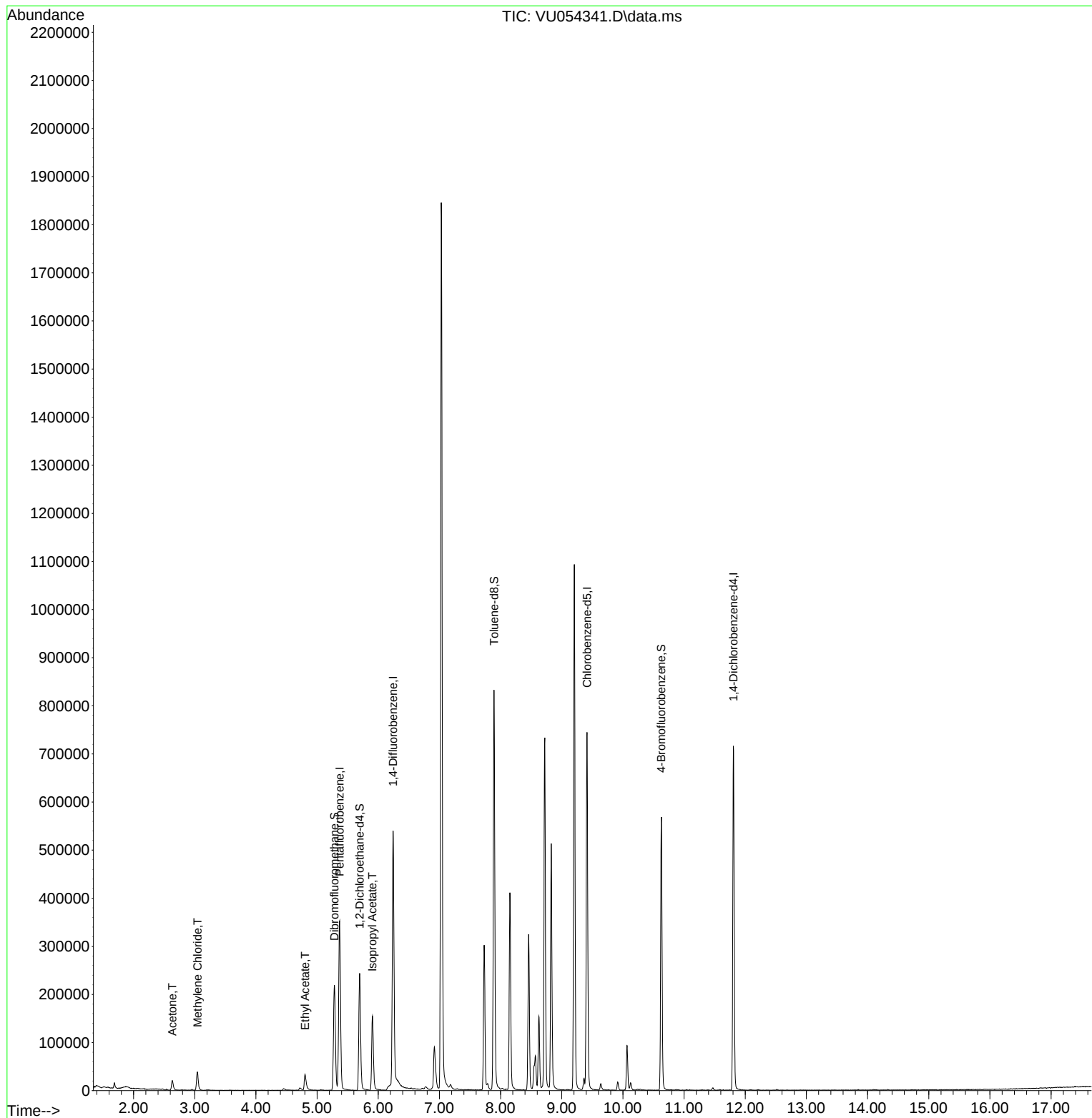
Internal Standards						
1) Pentafluorobenzene	5.369	168	260725	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.243	114	439021	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.414	117	426002	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.806	152	195181	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.697	65	179815	52.611	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	105.220%
35) Dibromofluoromethane	5.282	113	143291	50.683	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.360%
50) Toluene-d8	7.893	98	551176	51.254	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	102.500%
62) 4-Bromofluorobenzene	10.629	95	191132	45.838	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.680%
Target Compounds						
						Qvalue
16) Acetone	2.633	43	26449	13.500	ug/l	96
20) Methylene Chloride	3.044	84	19808	5.604	ug/l	97
37) Ethyl Acetate	4.803	43	44963	8.308	ug/l #	90
43) Isopropyl Acetate	5.906	43	166752	22.338	ug/l	98

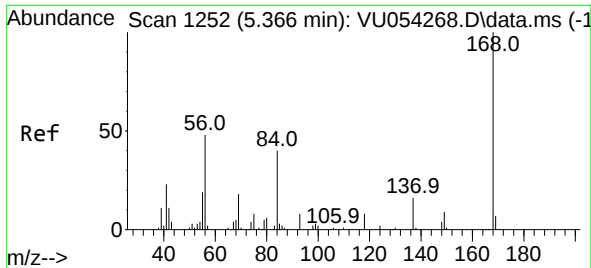
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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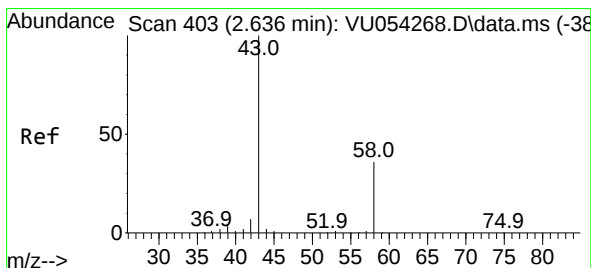
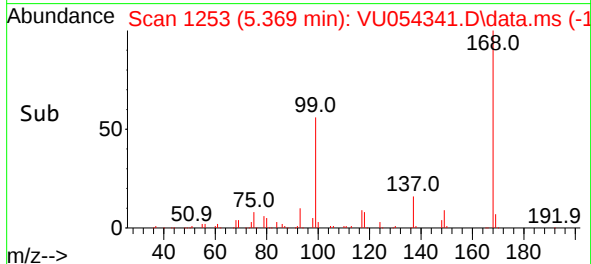
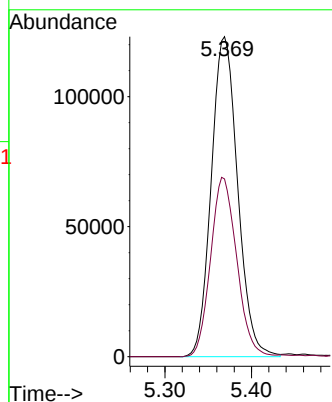
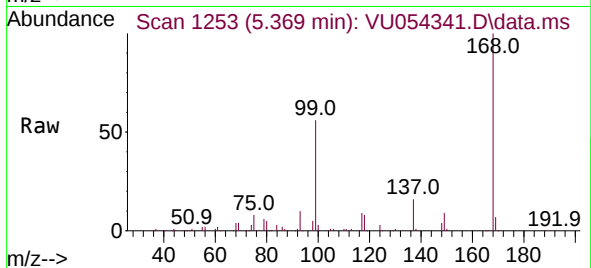




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.369 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU054341.D
Acq: 31 May 2023 16:36

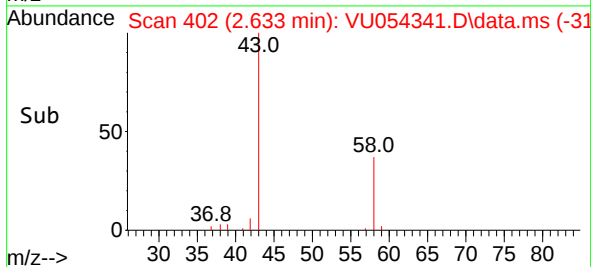
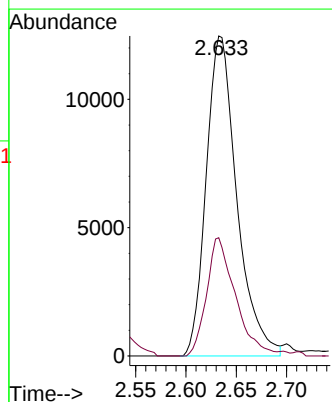
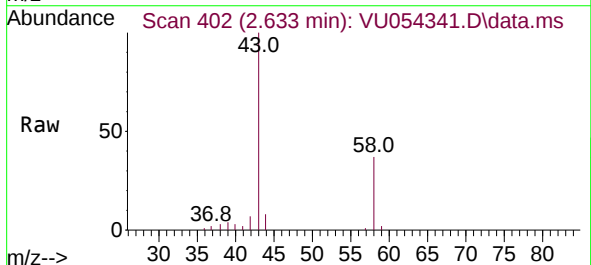
Instrument :
MSVOA_U
ClientSampleId :
PB153123TB

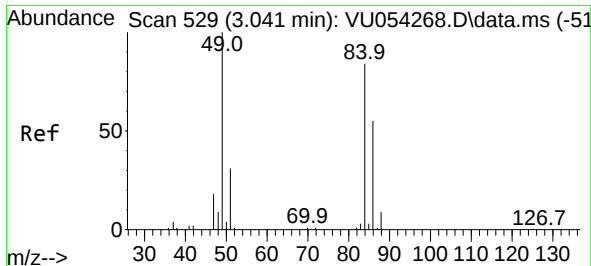
Tgt Ion:168 Resp: 260725
Ion Ratio Lower Upper
168 100
99 55.6 39.3 58.9



#16
Acetone
Concen: 13.500 ug/l
RT: 2.633 min Scan# 402
Delta R.T. -0.003 min
Lab File: VU054341.D
Acq: 31 May 2023 16:36

Tgt Ion: 43 Resp: 26449
Ion Ratio Lower Upper
43 100
58 36.9 27.5 41.3

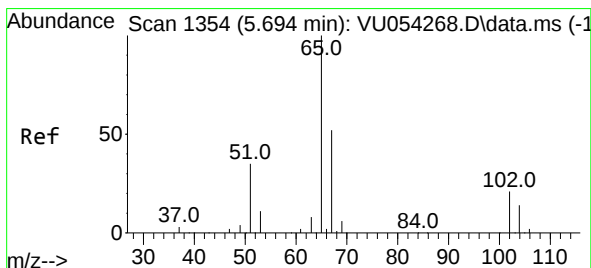
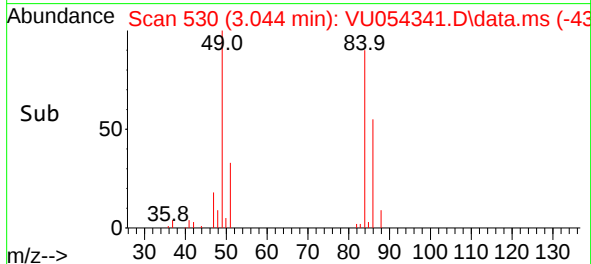
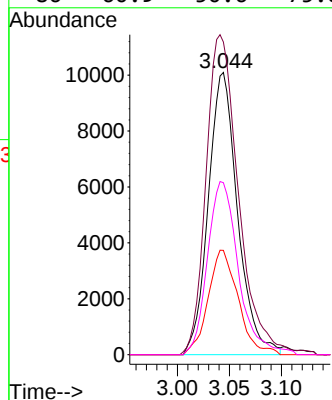
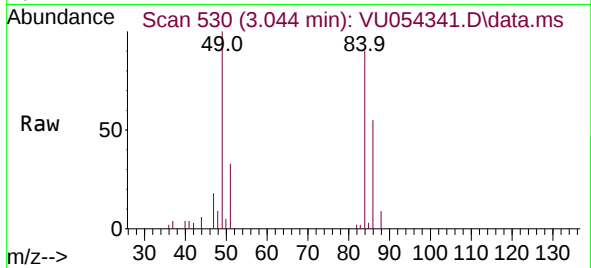




#20
Methylene Chloride
Concen: 5.604 ug/l
RT: 3.044 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU054341.D
Acq: 31 May 2023 16:36

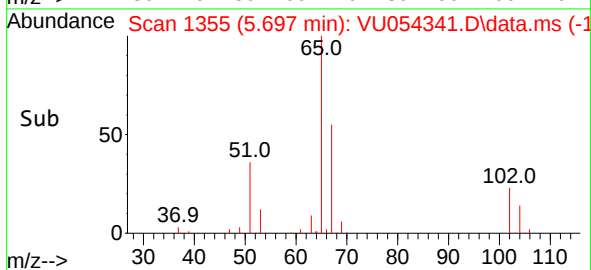
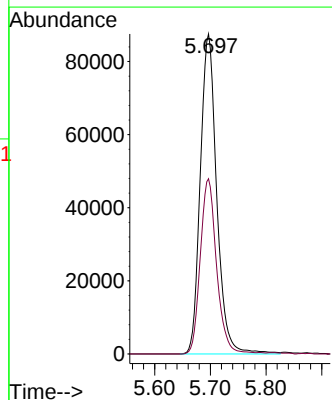
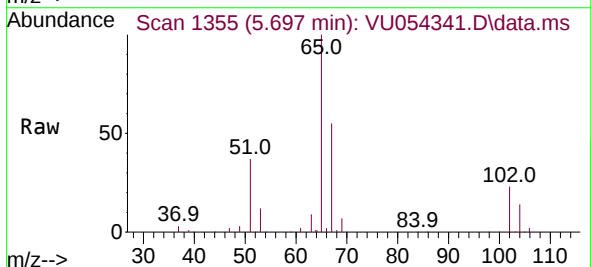
Instrument :
MSVOA_U
ClientSampleId :
PB153123TB

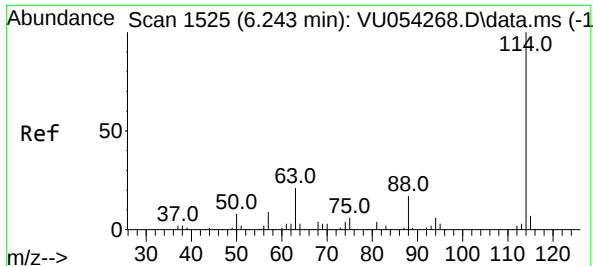
Tgt Ion: 84	Resp: 19808
Ion Ratio	Lower Upper
84 100	
49 110.8	86.6 129.8
51 37.0	26.6 40.0
86 60.9	50.6 75.8



#33
1,2-Dichloroethane-d4
Concen: 52.611 ug/l
RT: 5.697 min Scan# 1355
Delta R.T. 0.003 min
Lab File: VU054341.D
Acq: 31 May 2023 16:36

Tgt Ion: 65	Resp: 179815
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: VU054341.D

Acq: 31 May 2023 16:36

Instrument :

MSVOA_U

ClientSampleId :

PB153123TB

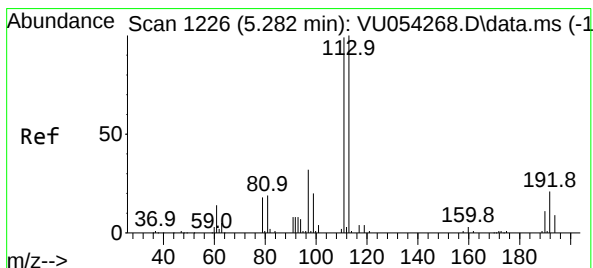
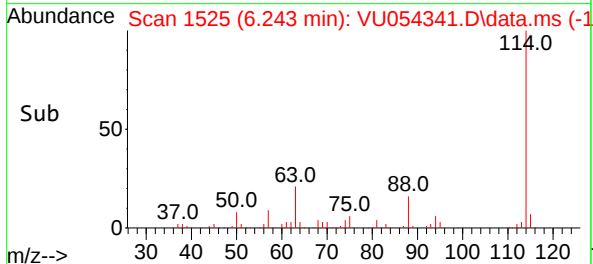
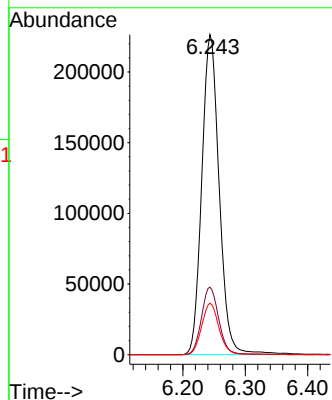
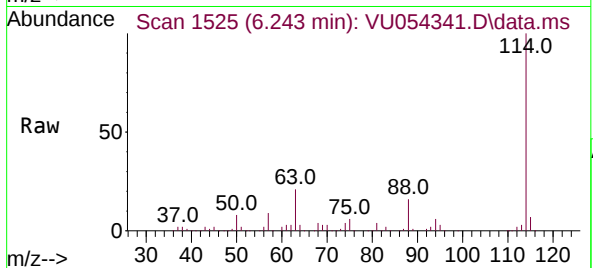
Tgt Ion:114 Resp: 439021

Ion Ratio Lower Upper

114 100

63 21.1 0.0 37.8

88 16.1 0.0 29.2



#35

Dibromofluoromethane

Concen: 50.683 ug/l

RT: 5.282 min Scan# 1226

Delta R.T. -0.000 min

Lab File: VU054341.D

Acq: 31 May 2023 16:36

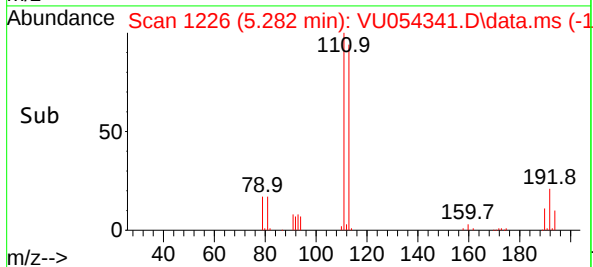
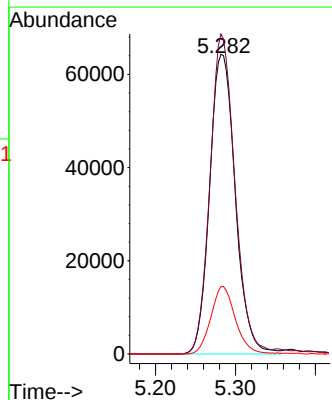
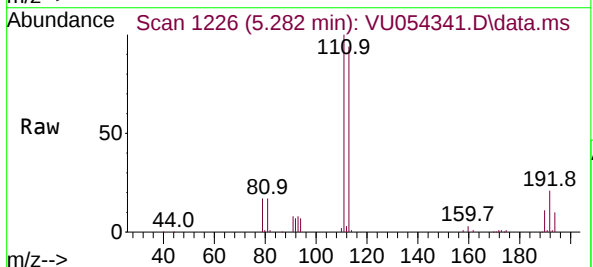
Tgt Ion:113 Resp: 143291

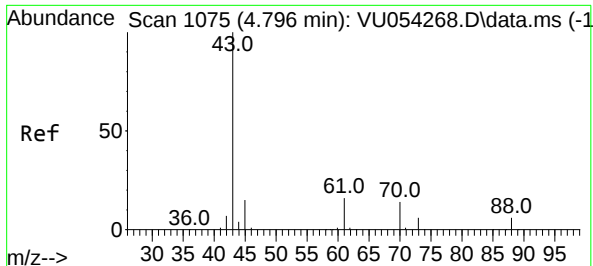
Ion Ratio Lower Upper

113 100

111 103.5 82.1 123.1

192 21.6 18.0 27.0





#37

Ethyl Acetate

Concen: 8.308 ug/l

RT: 4.803 min Scan# 1

Delta R.T. 0.007 min

Lab File: VU054341.D

Acq: 31 May 2023 16:36

Instrument :

MSVOA_U

ClientSampleId :

PB153123TB

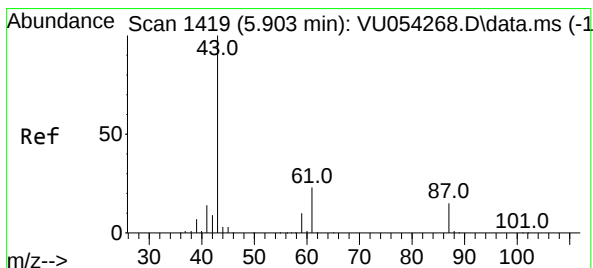
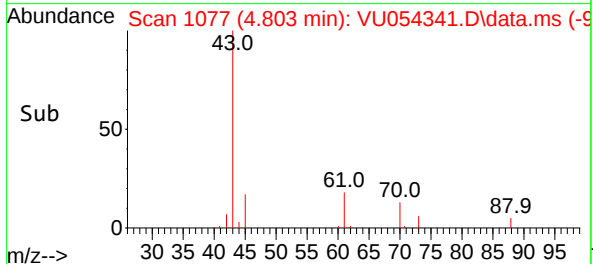
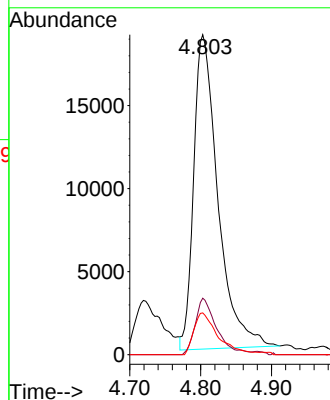
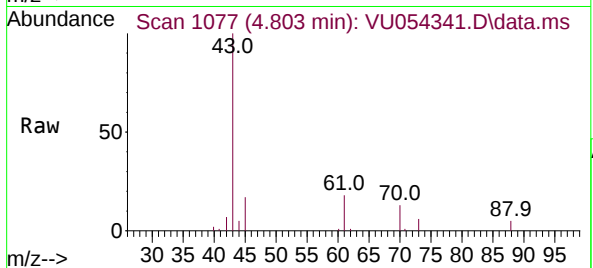
Tgt Ion: 43 Resp: 44963

Ion Ratio Lower Upper

43 100

61 15.8 9.5 14.3#

70 13.4 7.5 11.3#



#43

Isopropyl Acetate

Concen: 22.338 ug/l

RT: 5.906 min Scan# 1420

Delta R.T. 0.003 min

Lab File: VU054341.D

Acq: 31 May 2023 16:36

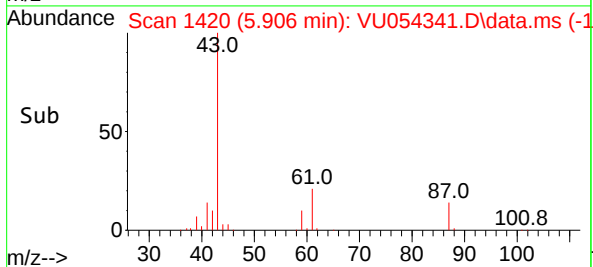
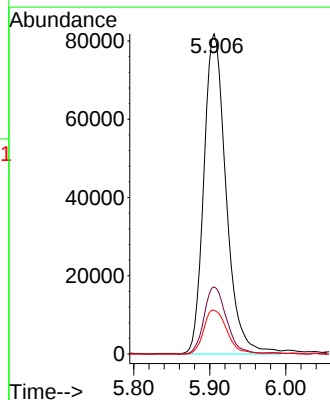
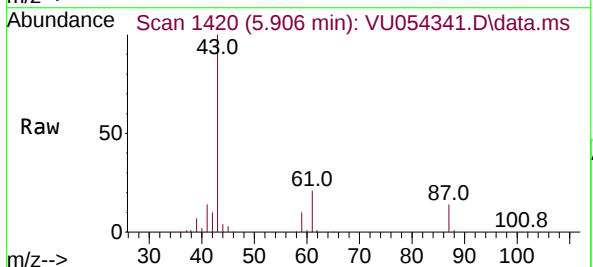
Tgt Ion: 43 Resp: 166752

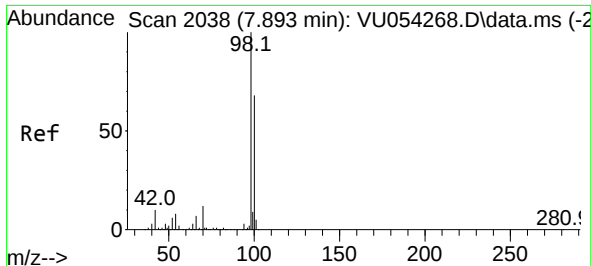
Ion Ratio Lower Upper

43 100

61 21.1 17.4 26.0

87 14.3 12.6 18.8

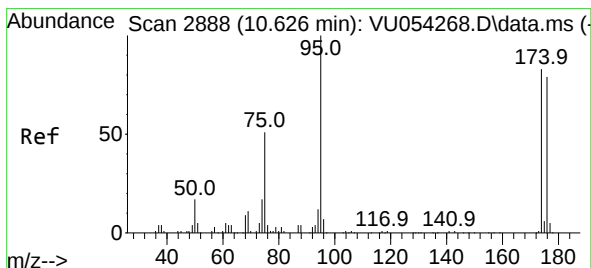
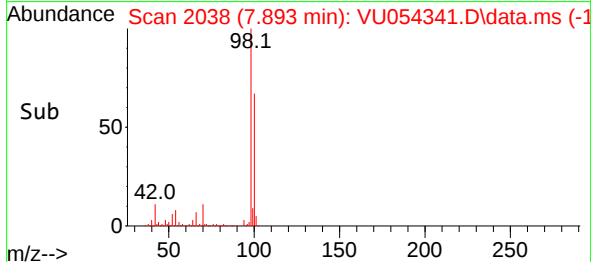
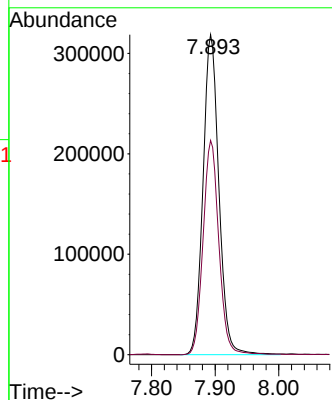
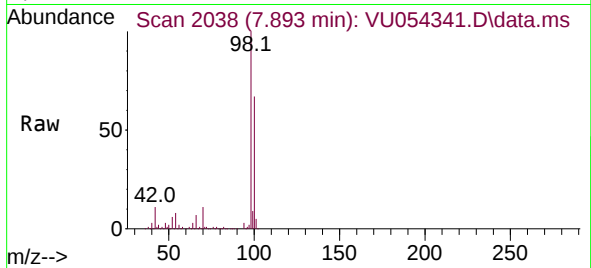




#50
Toluene-d8
Concen: 51.254 ug/l
RT: 7.893 min Scan# 2038
Delta R.T. -0.000 min
Lab File: VU054341.D
Acq: 31 May 2023 16:36

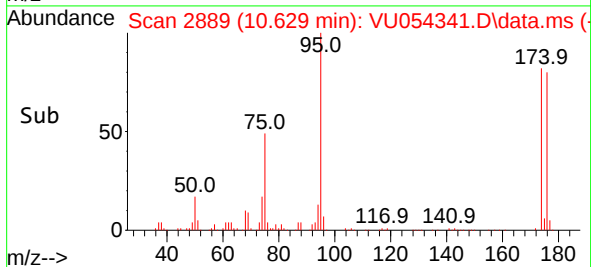
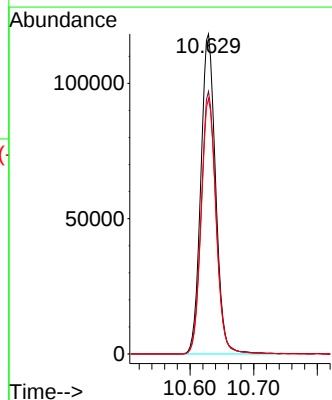
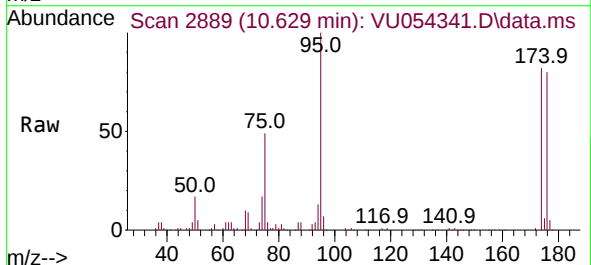
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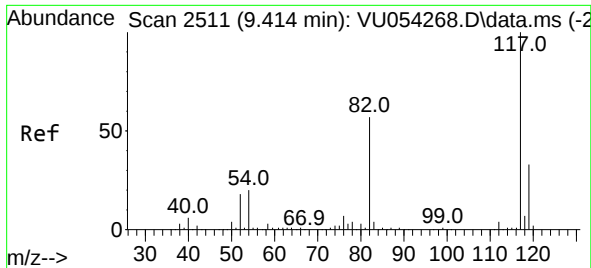
Tgt Ion: 98 Resp: 551176
Ion Ratio Lower Upper
98 100
100 66.5 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 45.838 ug/l
RT: 10.629 min Scan# 2889
Delta R.T. 0.003 min
Lab File: VU054341.D
Acq: 31 May 2023 16:36

Tgt Ion: 95 Resp: 191132
Ion Ratio Lower Upper
95 100
174 82.4 0.0 182.0
176 79.9 0.0 177.8

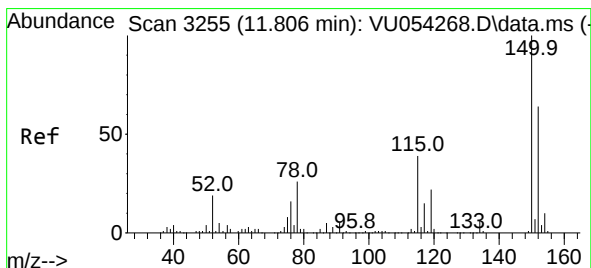
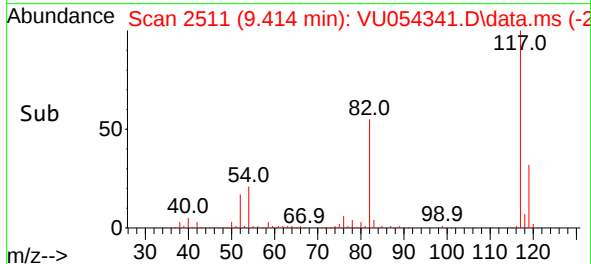
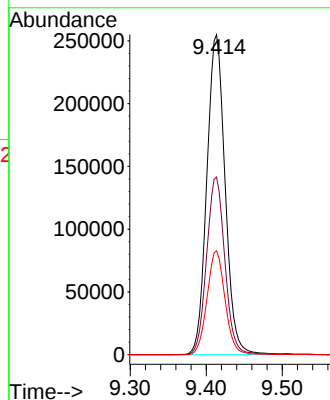
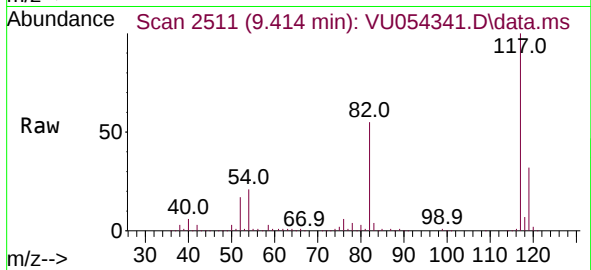




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.414 min Scan# 2511
Delta R.T. -0.000 min
Lab File: VU054341.D
Acq: 31 May 2023 16:36

Instrument :
MSVOA_U
ClientSampleId :
PB153123TB

Tgt Ion:117 Resp: 426002
Ion Ratio Lower Upper
117 100
82 55.4 41.7 62.5
119 32.5 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: VU054341.D
Acq: 31 May 2023 16:36

Tgt Ion:152 Resp: 195181
Ion Ratio Lower Upper
152 100
115 57.5 37.0 110.9
150 155.7 0.0 342.2

