

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU053123\
 Data File : VU054347.D
 Acq On : 31 May 2023 18:59
 Operator : JC/MD
 Sample : PB153123ZHE#06
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PB153123ZHE#06

Quant Time: Jun 01 05:25:06 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)

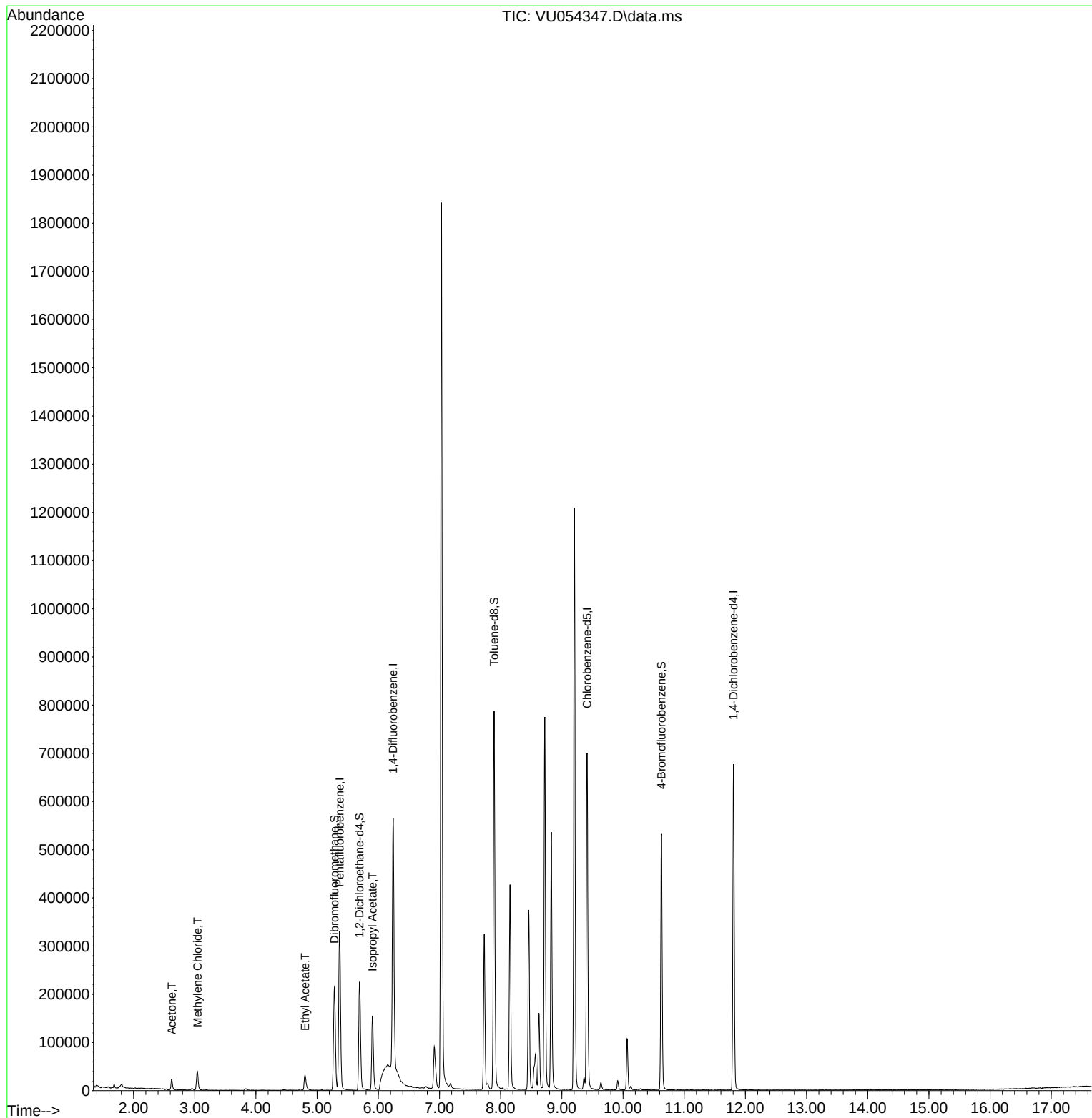
Internal Standards						
1) Pentafluorobenzene	5.369	168	242193	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.243	114	425122	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.414	117	400340	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.806	152	186195	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.694	65	170344	53.653	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 107.300%		
35) Dibromofluoromethane	5.282	113	139140	50.824	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 101.640%		
50) Toluene-d8	7.893	98	527588	50.665	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 101.320%		
62) 4-Bromofluorobenzene	10.629	95	178472	44.202	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 88.400%		
Target Compounds						
					Qvalue	
16) Acetone	2.623	43	24376	13.394	ug/l	100
20) Methylene Chloride	3.044	84	20340	6.195	ug/l	95
37) Ethyl Acetate	4.803	43	42540	8.118	ug/l #	91
43) Isopropyl Acetate	5.906	43	164550	22.764	ug/l	98

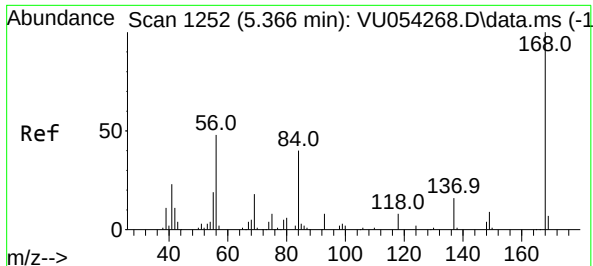
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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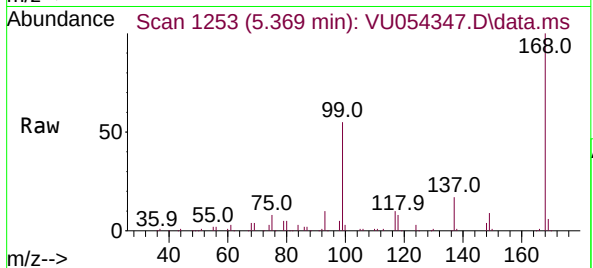
Quant Time: Jun 01 05:25:06 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052523W.M
Quant Title : SW846 8260
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Response via : Initial Calibration



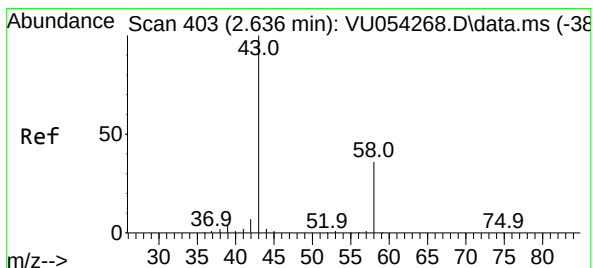
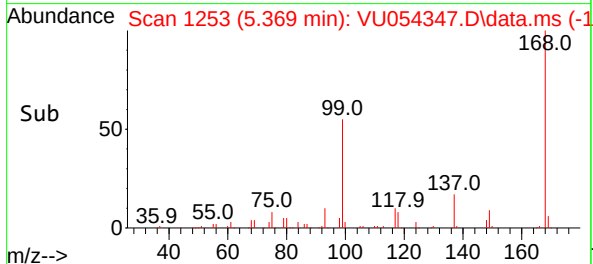
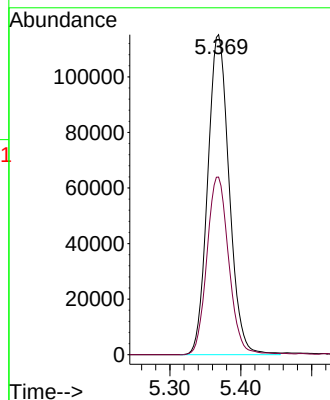


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.369 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU054347.D
Acq: 31 May 2023 18:59

Instrument :
MSVOA_U
ClientSampleId :
PB153123ZHE#06

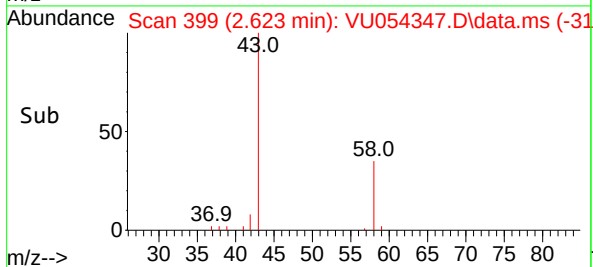
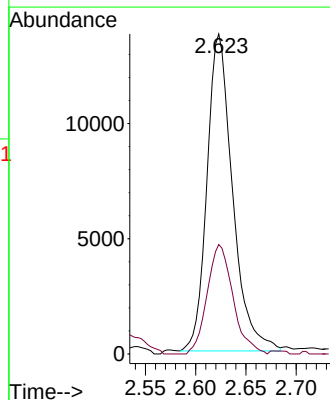
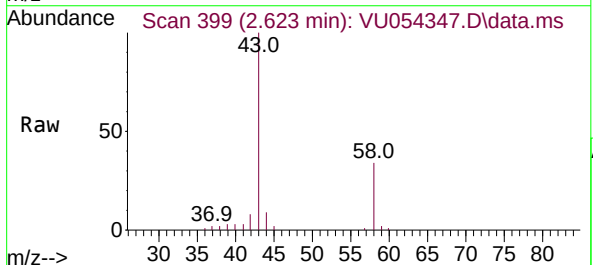


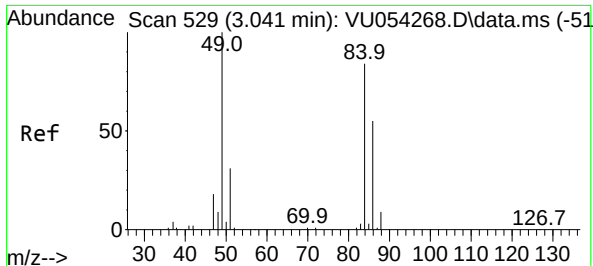
Tgt Ion:168 Resp: 242193
Ion Ratio Lower Upper
168 100
99 55.5 39.3 58.9



#16
Acetone
Concen: 13.394 ug/l
RT: 2.623 min Scan# 399
Delta R.T. -0.013 min
Lab File: VU054347.D
Acq: 31 May 2023 18:59

Tgt Ion: 43 Resp: 24376
Ion Ratio Lower Upper
43 100
58 34.6 27.5 41.3

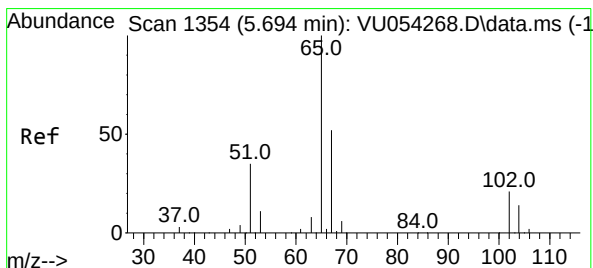
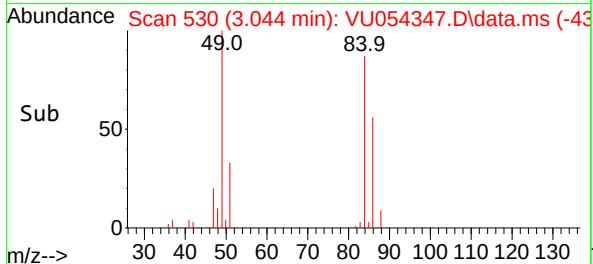
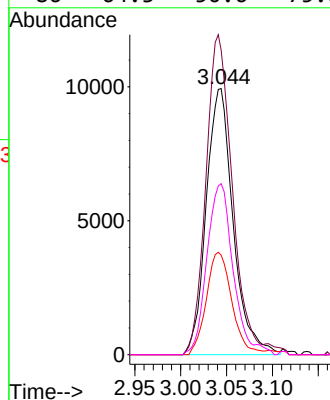
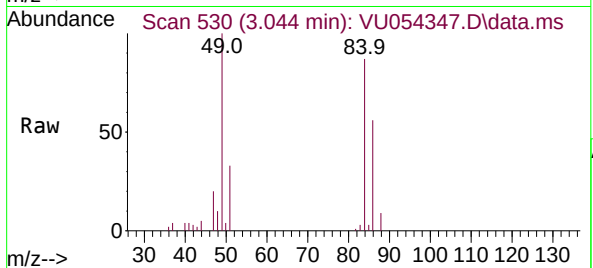




#20
Methylene Chloride
Concen: 6.195 ug/l
RT: 3.044 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU054347.D
Acq: 31 May 2023 18:59

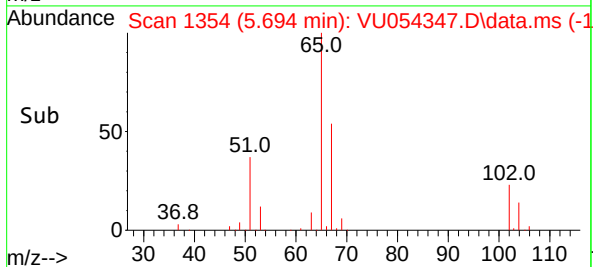
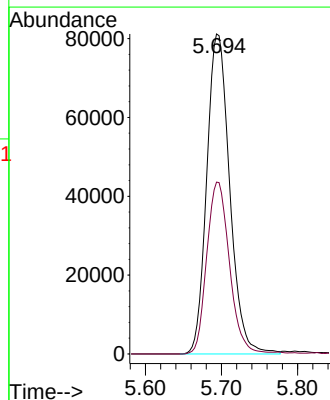
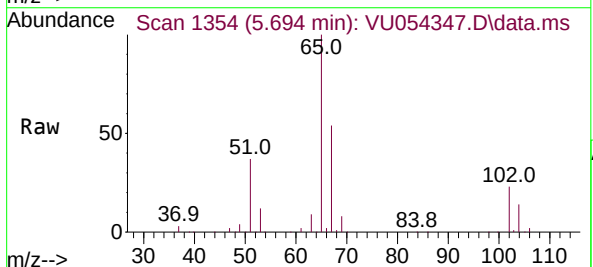
Instrument :
MSVOA_U
ClientSampleId :
PB153123ZHE#06

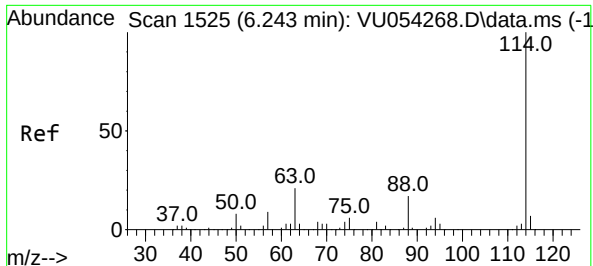
Tgt Ion:	84	Resp:	20340
Ion	Ratio	Lower	Upper
84	100		
49	114.4	86.6	129.8
51	37.4	26.6	40.0
86	64.3	50.6	75.8



#33
1,2-Dichloroethane-d4
Concen: 53.653 ug/l
RT: 5.694 min Scan# 1354
Delta R.T. -0.000 min
Lab File: VU054347.D
Acq: 31 May 2023 18:59

Tgt Ion:	65	Resp:	170344
Ion	Ratio	Lower	Upper
65	100		
67	53.0	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: VU054347.D

Acq: 31 May 2023 18:59

Instrument :

MSVOA_U

ClientSampleId :

PB153123ZHE#06

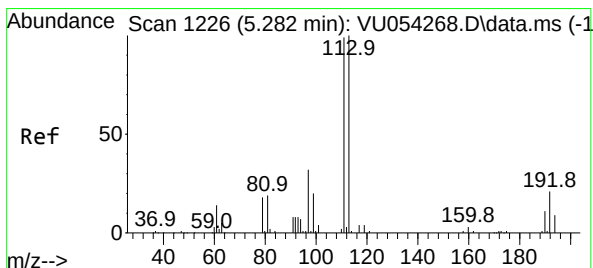
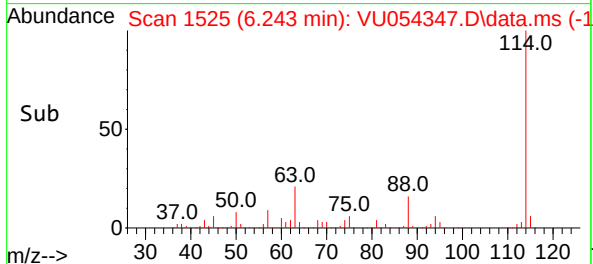
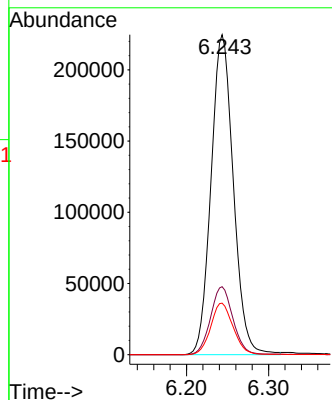
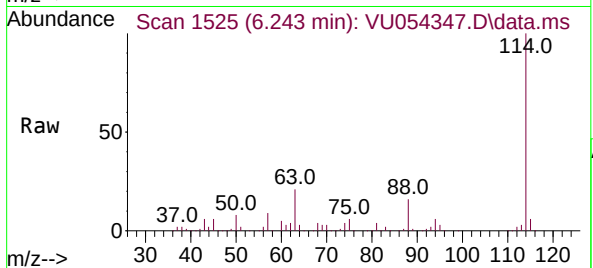
Tgt Ion:114 Resp: 425122

Ion Ratio Lower Upper

114 100

63 21.2 0.0 37.8

88 16.1 0.0 29.2



#35

Dibromofluoromethane

Concen: 50.824 ug/l

RT: 5.282 min Scan# 1226

Delta R.T. -0.000 min

Lab File: VU054347.D

Acq: 31 May 2023 18:59

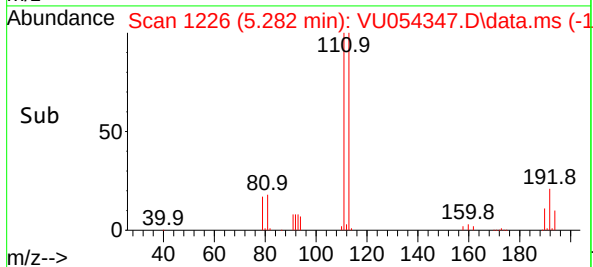
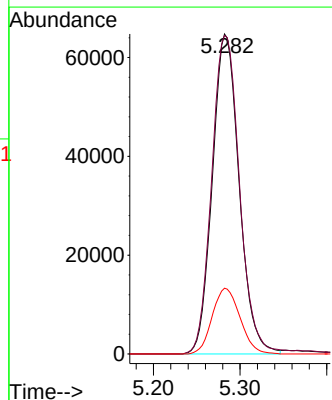
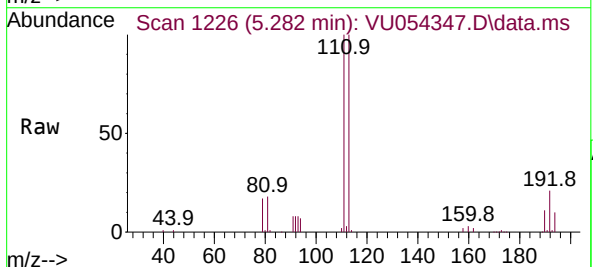
Tgt Ion:113 Resp: 139140

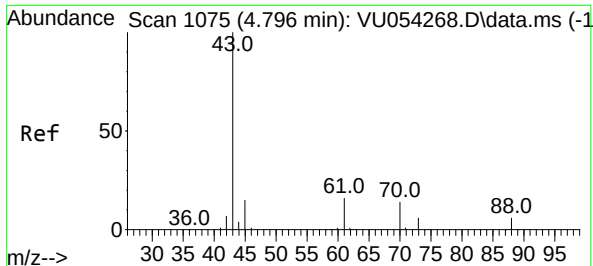
Ion Ratio Lower Upper

113 100

111 103.5 82.1 123.1

192 21.3 18.0 27.0





#37

Ethyl Acetate

Concen: 8.118 ug/l

RT: 4.803 min Scan# 1

Delta R.T. 0.007 min

Lab File: VU054347.D

Acq: 31 May 2023 18:59

Instrument :

MSVOA_U

ClientSampleId :

PB153123ZHE#06

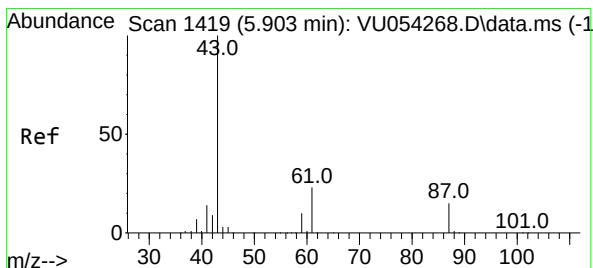
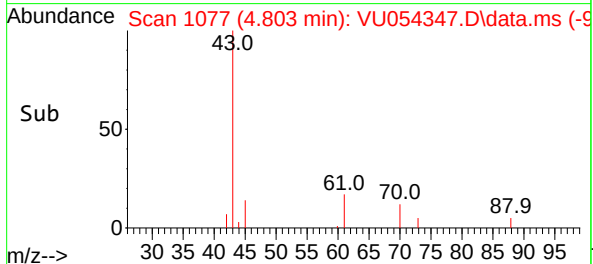
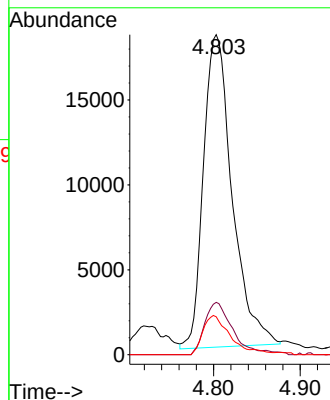
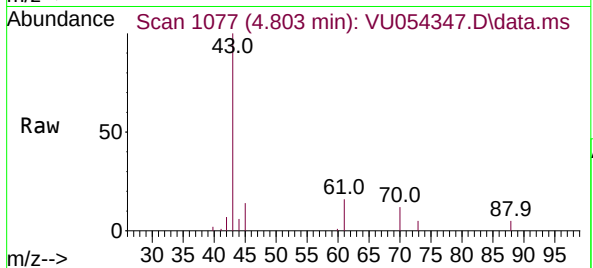
Tgt Ion: 43 Resp: 42540

Ion Ratio Lower Upper

43 100

61 15.7 9.5 14.3#

70 12.0 7.5 11.3#



#43

Isopropyl Acetate

Concen: 22.764 ug/l

RT: 5.906 min Scan# 1420

Delta R.T. 0.003 min

Lab File: VU054347.D

Acq: 31 May 2023 18:59

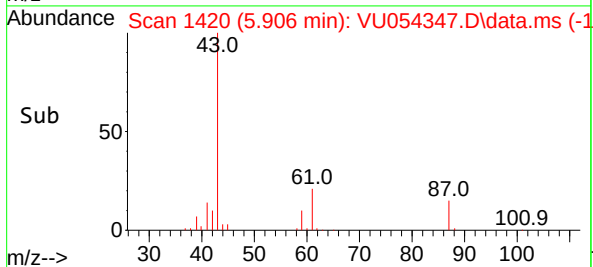
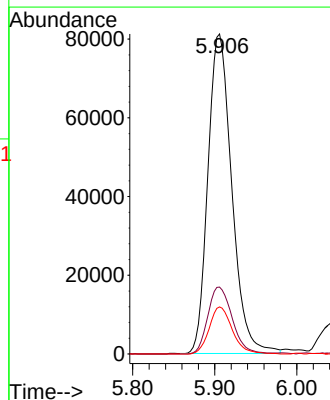
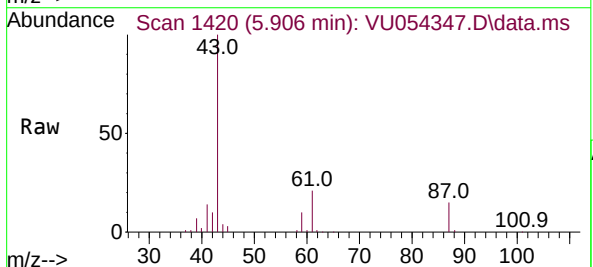
Tgt Ion: 43 Resp: 164550

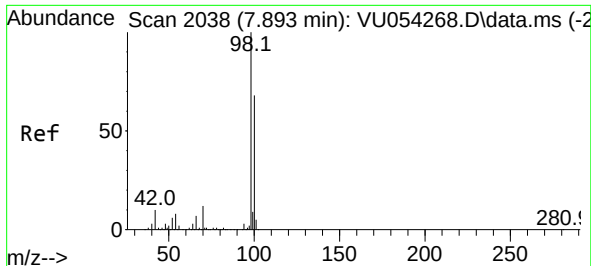
Ion Ratio Lower Upper

43 100

61 21.4 17.4 26.0

87 14.2 12.6 18.8

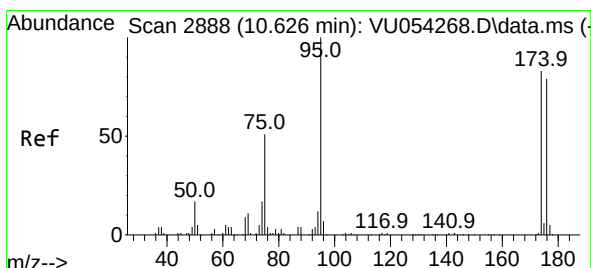
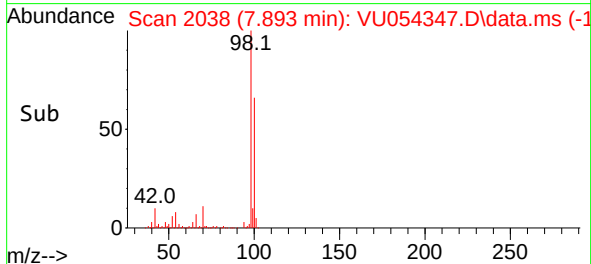
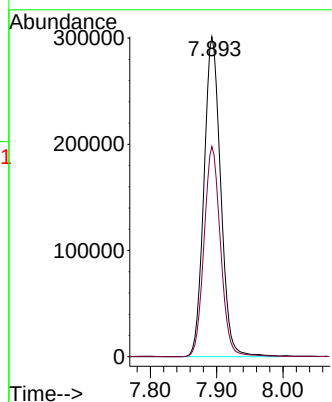
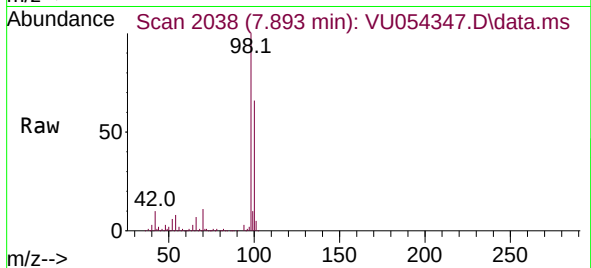




#50
Toluene-d8
Concen: 50.665 ug/l
RT: 7.893 min Scan# 2038
Delta R.T. -0.000 min
Lab File: VU054347.D
Acq: 31 May 2023 18:59

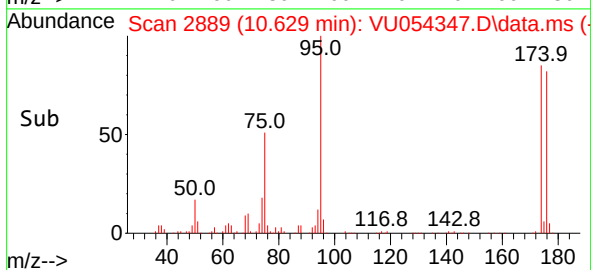
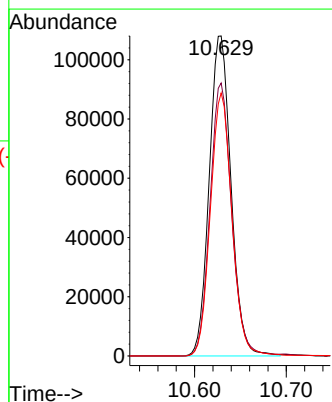
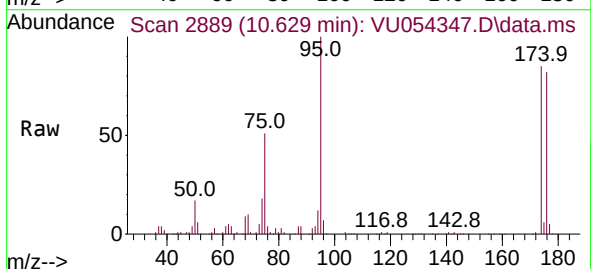
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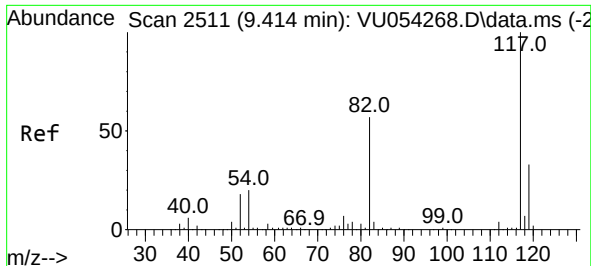
Tgt Ion: 98 Resp: 527588
Ion Ratio Lower Upper
98 100
100 65.0 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 44.202 ug/l
RT: 10.629 min Scan# 2889
Delta R.T. 0.003 min
Lab File: VU054347.D
Acq: 31 May 2023 18:59

Tgt Ion: 95 Resp: 178472
Ion Ratio Lower Upper
95 100
174 84.3 0.0 182.0
176 81.2 0.0 177.8

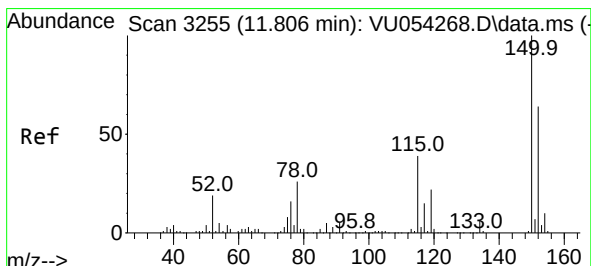
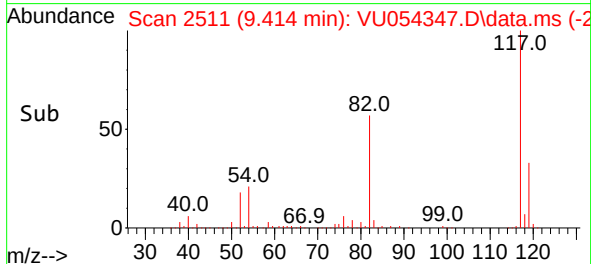
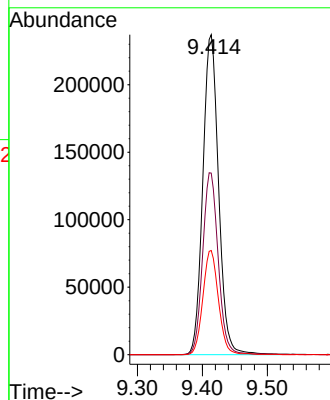
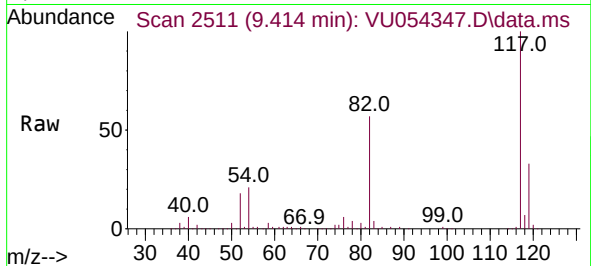




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.414 min Scan# 2511
Delta R.T. -0.000 min
Lab File: VU054347.D
Acq: 31 May 2023 18:59

Instrument :
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ClientSampleId :
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Tgt Ion:117 Resp: 400340
Ion Ratio Lower Upper
117 100
82 56.7 41.7 62.5
119 32.6 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: VU054347.D
Acq: 31 May 2023 18:59

Tgt Ion:152 Resp: 186195
Ion Ratio Lower Upper
152 100
115 58.4 37.0 110.9
150 156.9 0.0 342.2

