

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060822\
 Data File : VU048957.D
 Acq On : 08 Jun 2022 12:34
 Operator : SY/MD
 Sample : N3194-05
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TP-3

Quant Time: Jun 08 13:11:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 27 06:42:31 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

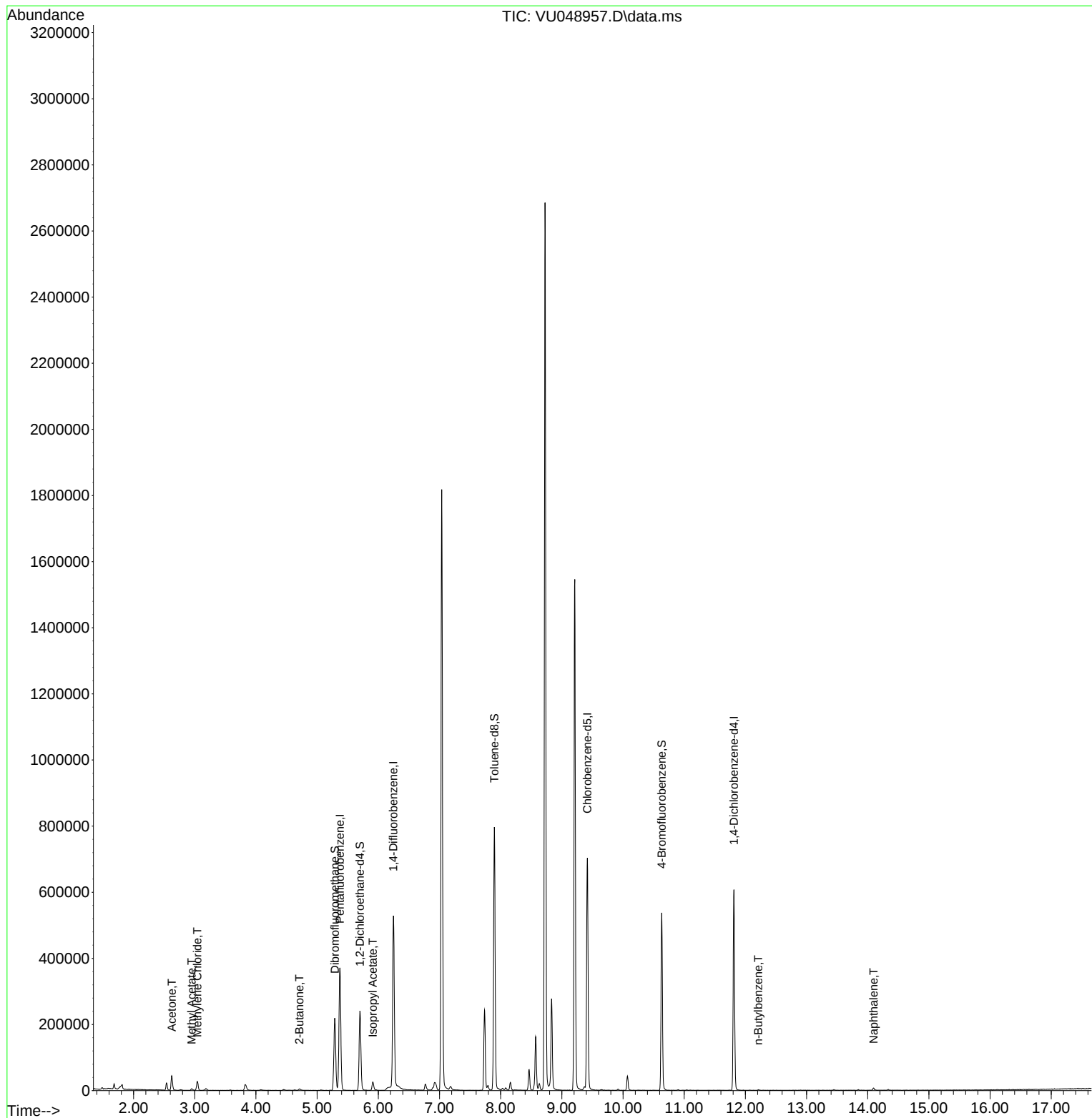
Internal Standards						
1) Pentafluorobenzene	5.372	168	248594	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.247	114	410732	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	386058	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	163688	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	183530	49.159	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.320%		
35) Dibromofluoromethane	5.289	113	140673	48.007	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.020%		
50) Toluene-d8	7.896	98	519258	49.435	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.860%		
62) 4-Bromofluorobenzene	10.632	95	176139	44.340	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	88.680%		
Target Compounds						
					Qvalue	
16) Acetone	2.623	43	48162	25.313	ug/l	100
18) Methyl Acetate	2.948	43	7128	1.492	ug/l	95
20) Methylene Chloride	3.041	84	13200	4.080	ug/l	91
25) 2-Butanone	4.710	43	7573	2.771	ug/l	90
43) Isopropyl Acetate	5.912	43	27914	3.557	ug/l	97
89) n-Butylbenzene	12.211	91	1043	2.291	ug/l	92
95) Naphthalene	14.095	128	7481	3.084	ug/l	98

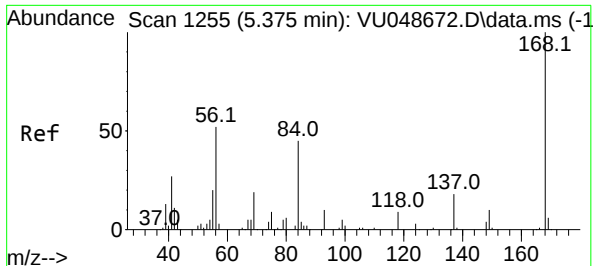
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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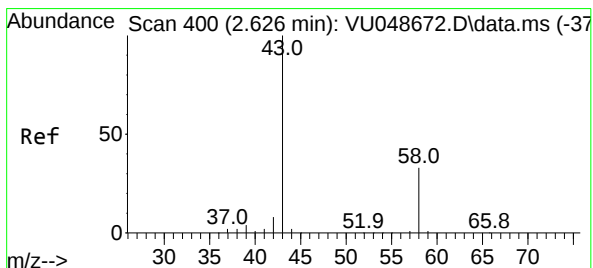
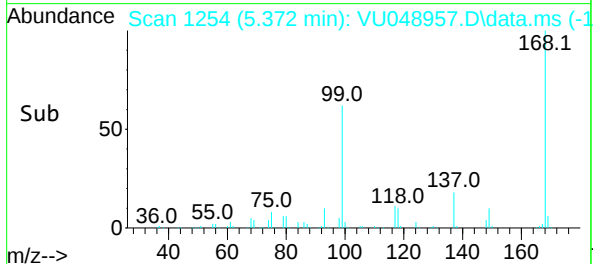
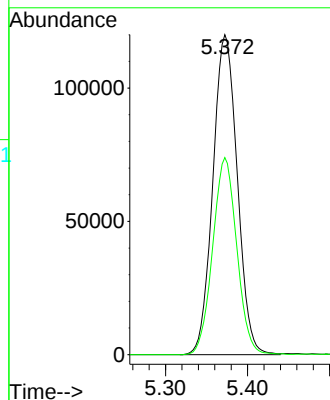
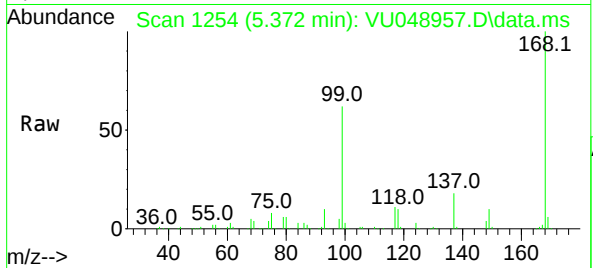




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU048957.D
Acq: 08 Jun 2022 12:34

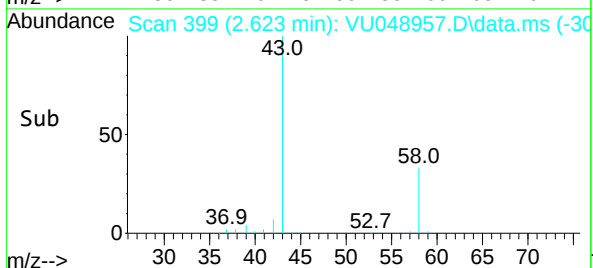
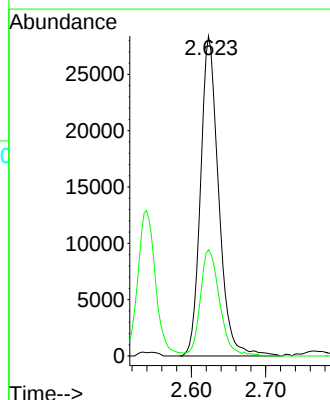
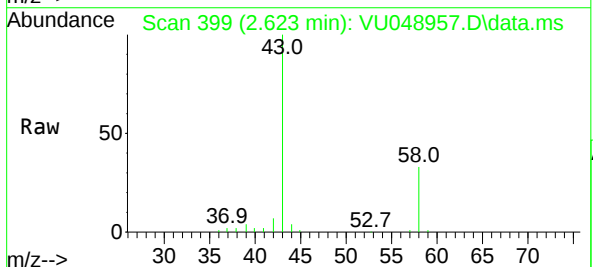
Instrument :
MSVOA_U
ClientSampleId :
TP-3

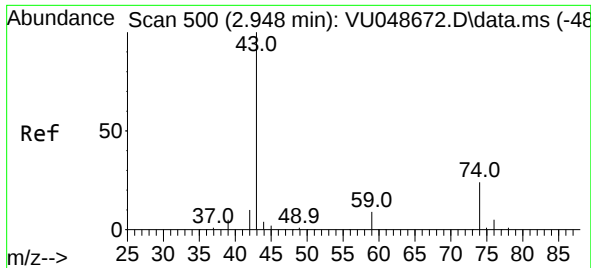
Tgt Ion:168 Resp: 248594
Ion Ratio Lower Upper
168 100
99 61.6 49.3 73.9



#16
Acetone
Concen: 25.313 ug/l
RT: 2.623 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU048957.D
Acq: 08 Jun 2022 12:34

Tgt Ion: 43 Resp: 48162
Ion Ratio Lower Upper
43 100
58 33.2 26.3 39.5

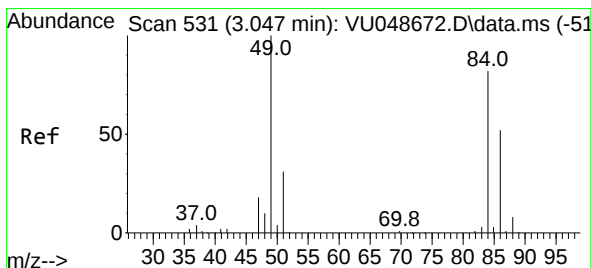
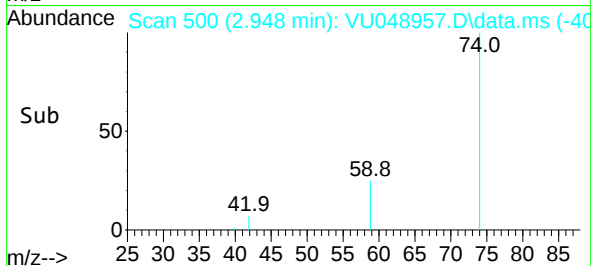
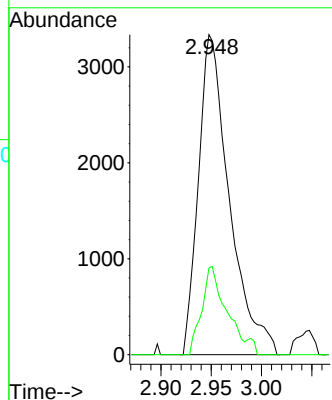
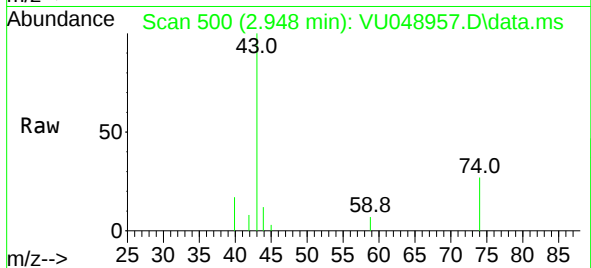




#18
Methyl Acetate
Concen: 1.492 ug/l
RT: 2.948 min Scan# 500
Delta R.T. 0.000 min
Lab File: VU048957.D
Acq: 08 Jun 2022 12:34

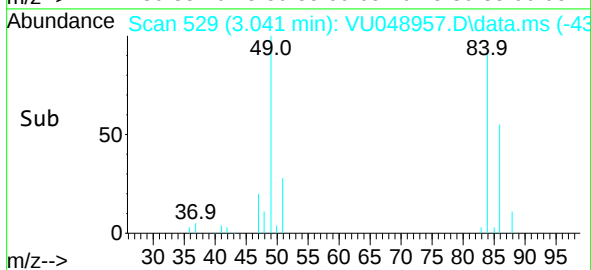
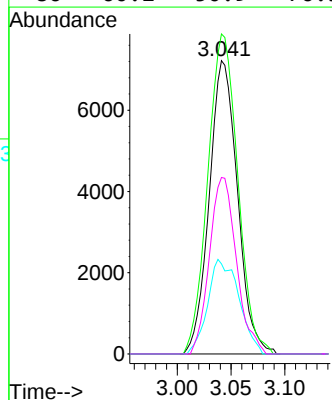
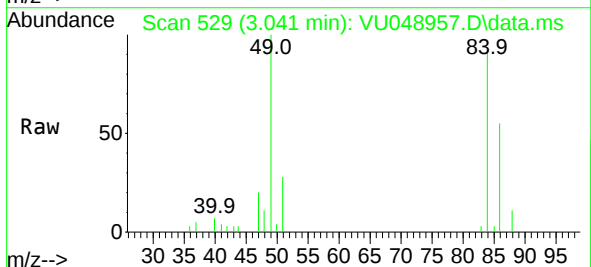
Instrument :
MSVOA_U
ClientSampleId :
TP-3

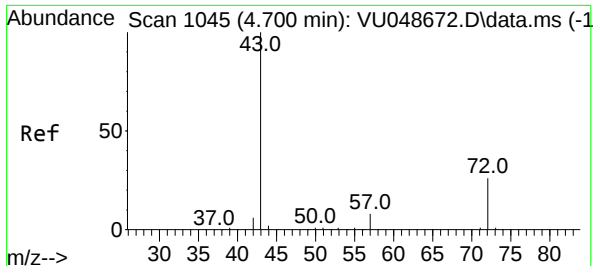
Tgt Ion: 43 Resp: 7128
Ion Ratio Lower Upper
43 100
74 21.5 19.2 28.8



#20
Methylene Chloride
Concen: 4.080 ug/l
RT: 3.041 min Scan# 529
Delta R.T. -0.006 min
Lab File: VU048957.D
Acq: 08 Jun 2022 12:34

Tgt Ion: 84 Resp: 13200
Ion Ratio Lower Upper
84 100
49 109.1 97.0 145.4
51 30.7 29.8 44.8
86 60.2 50.9 76.3





#25

2-Butanone

Concen: 2.771 ug/l

RT: 4.710 min Scan# 1045

Delta R.T. 0.010 min

Lab File: VU048957.D

Acq: 08 Jun 2022 12:34

Instrument :

MSVOA_U

ClientSampleId :

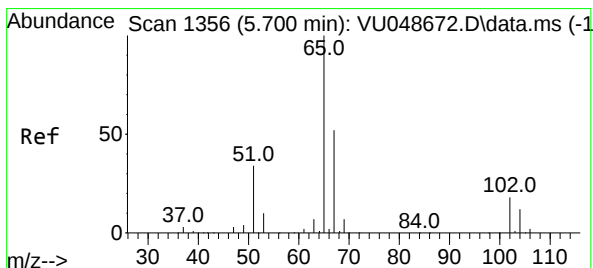
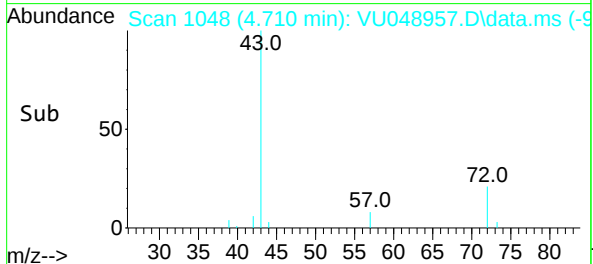
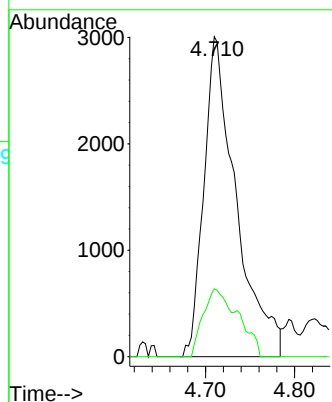
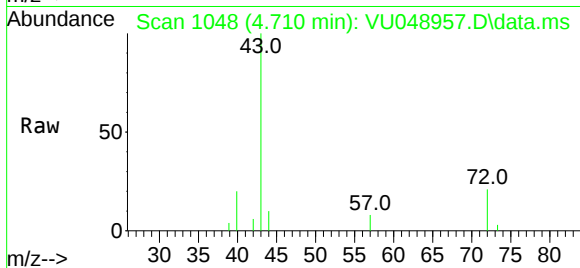
TP-3

Tgt Ion: 43 Resp: 7573

Ion Ratio Lower Upper

43 100

72 21.2 21.1 31.7



#33

1,2-Dichloroethane-d4

Concen: 49.159 ug/l

RT: 5.700 min Scan# 1356

Delta R.T. 0.000 min

Lab File: VU048957.D

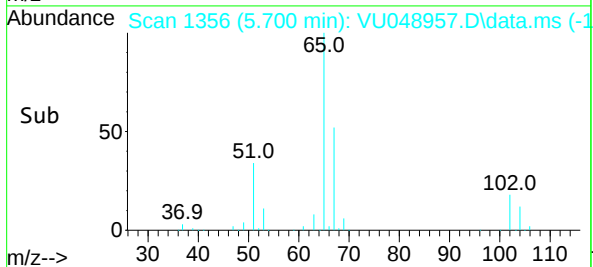
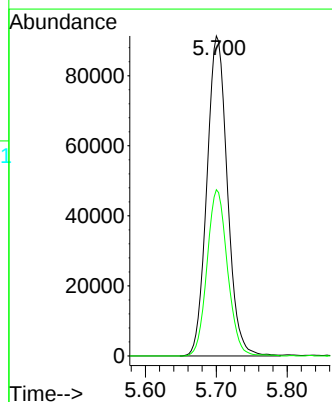
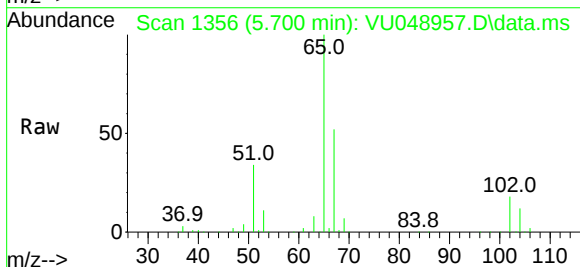
Acq: 08 Jun 2022 12:34

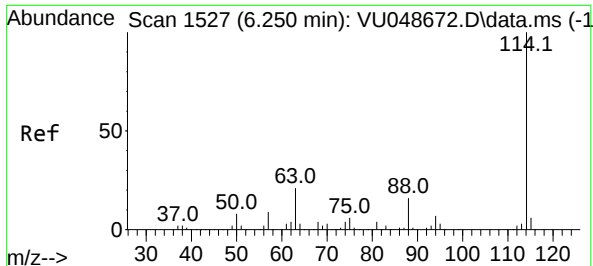
Tgt Ion: 65 Resp: 183530

Ion Ratio Lower Upper

65 100

67 51.9 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.247 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU048957.D

Acq: 08 Jun 2022 12:34

Instrument :

MSVOA_U

ClientSampleId :

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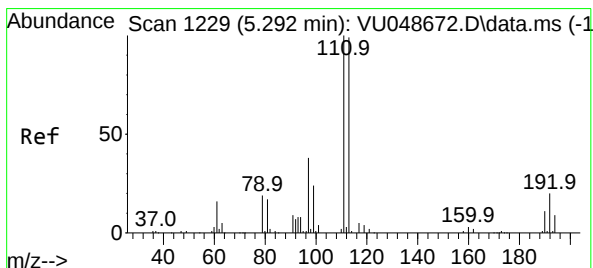
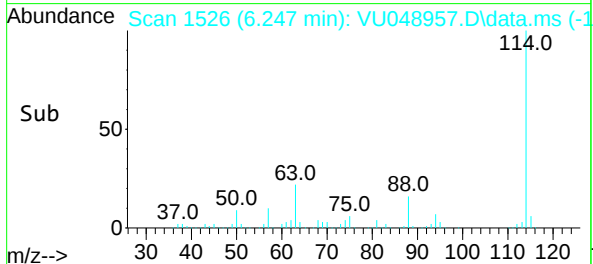
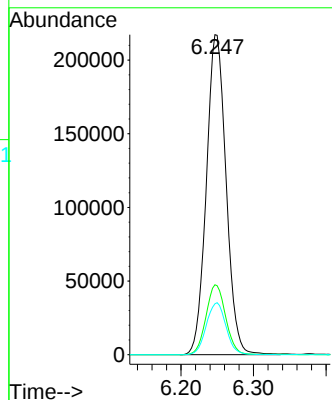
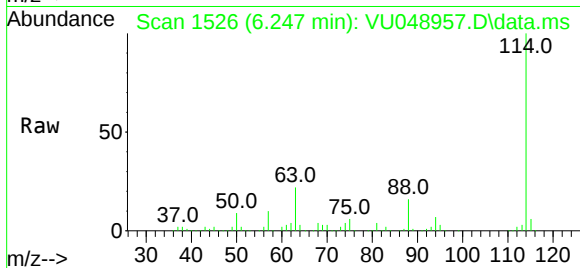
Tgt Ion:114 Resp: 410732

Ion Ratio Lower Upper

114 100

63 21.8 0.0 42.6

88 15.9 0.0 32.2



#35

Dibromofluoromethane

Concen: 48.007 ug/l

RT: 5.289 min Scan# 1228

Delta R.T. -0.003 min

Lab File: VU048957.D

Acq: 08 Jun 2022 12:34

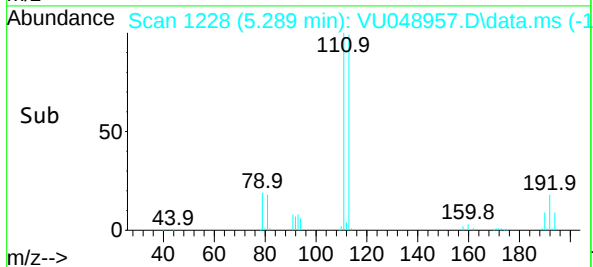
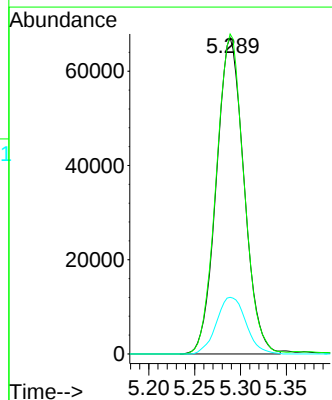
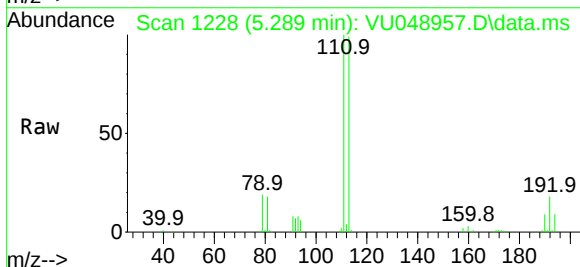
Tgt Ion:113 Resp: 140673

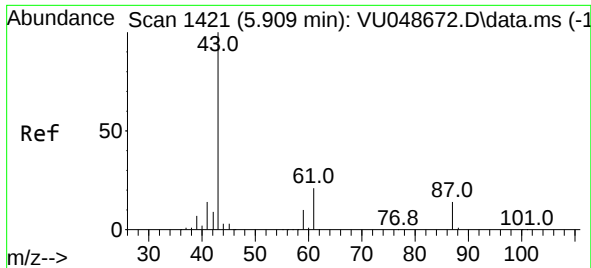
Ion Ratio Lower Upper

113 100

111 101.3 80.7 121.1

192 19.2 15.9 23.9

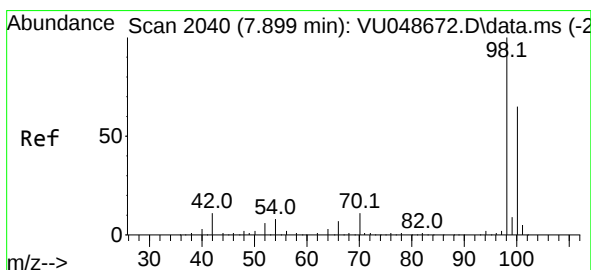
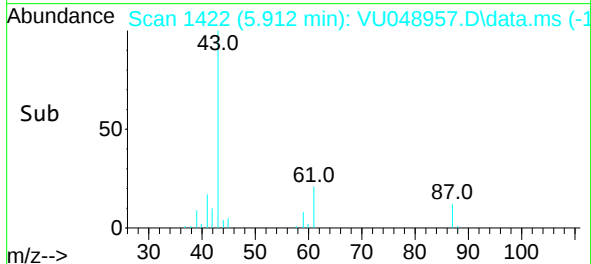
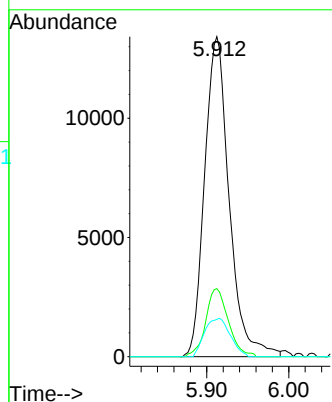
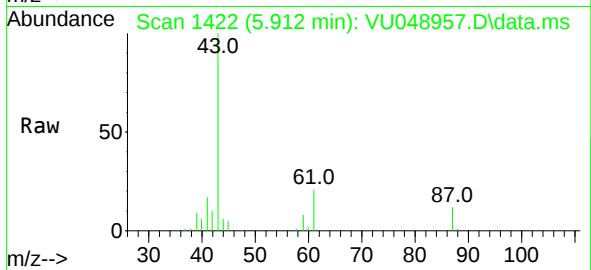




#43
Isopropyl Acetate
Concen: 3.557 ug/l
RT: 5.912 min Scan# 1421
Delta R.T. 0.003 min
Lab File: VU048957.D
Acq: 08 Jun 2022 12:34

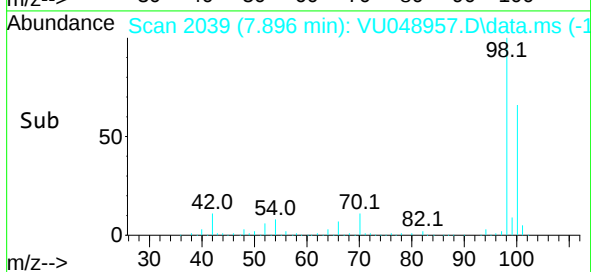
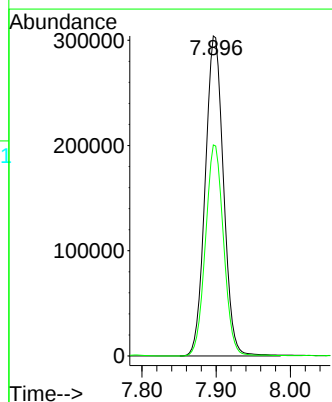
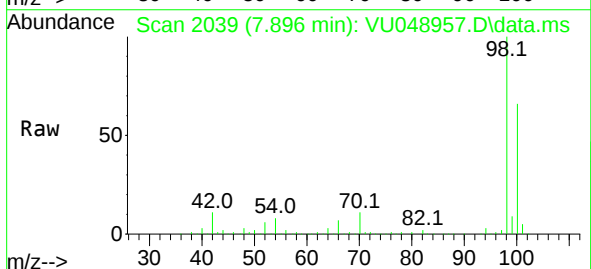
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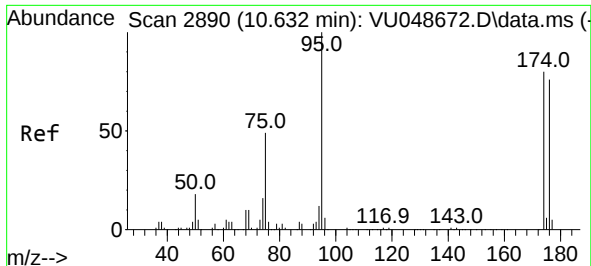
Tgt Ion: 43	Resp: 27914
Ion Ratio	Lower Upper
43	100
61	19.6 16.7 25.1
87	12.5 10.9 16.3



#50
Toluene-d8
Concen: 49.435 ug/l
RT: 7.896 min Scan# 2039
Delta R.T. -0.003 min
Lab File: VU048957.D
Acq: 08 Jun 2022 12:34

Tgt Ion: 98	Resp: 519258
Ion Ratio	Lower Upper
98	100
100	65.4 52.2 78.4

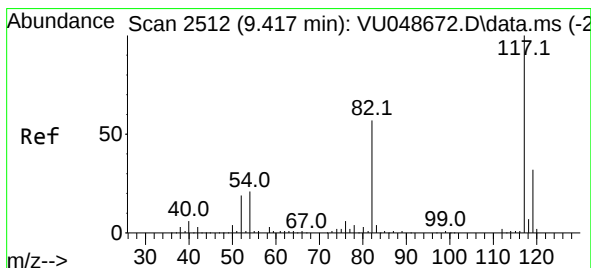
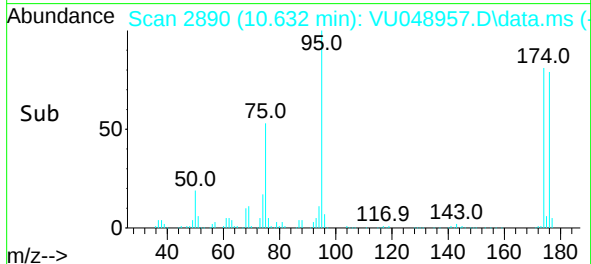
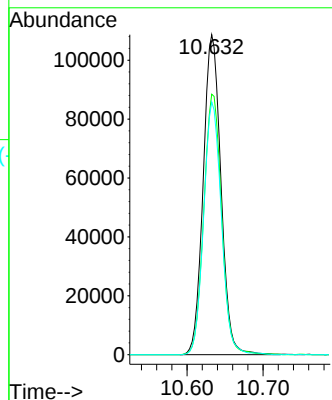
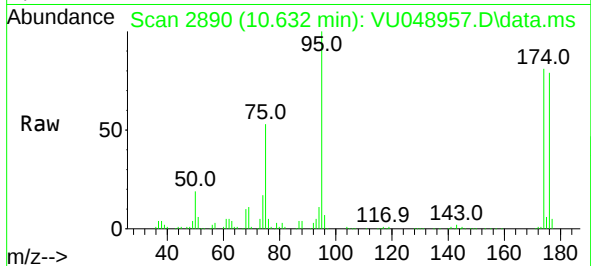




#62
4-Bromofluorobenzene
Concen: 44.340 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. 0.000 min
Lab File: VU048957.D
Acq: 08 Jun 2022 12:34

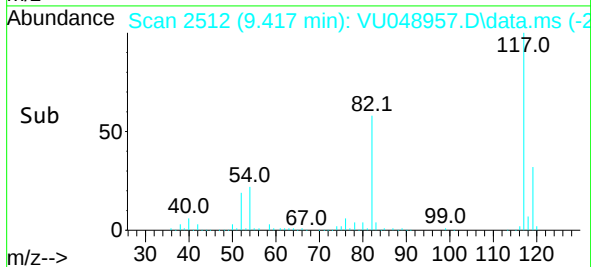
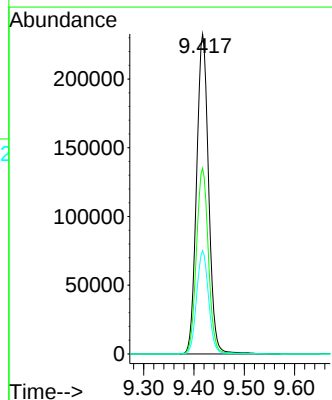
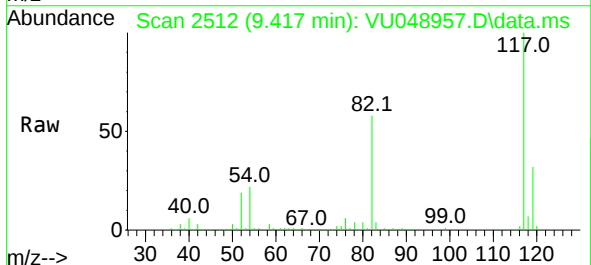
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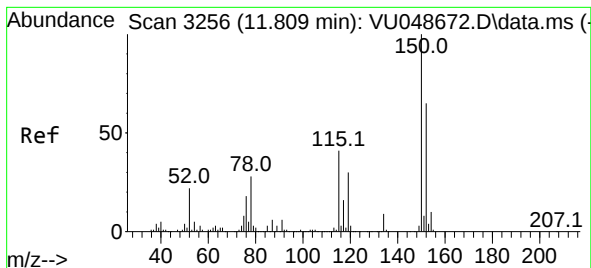
Tgt Ion: 95 Resp: 176139
Ion Ratio Lower Upper
95 100
174 81.9 0.0 159.4
176 78.4 0.0 152.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 2512
Delta R.T. -0.000 min
Lab File: VU048957.D
Acq: 08 Jun 2022 12:34

Tgt Ion: 117 Resp: 386058
Ion Ratio Lower Upper
117 100
82 58.0 45.3 67.9
119 32.3 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.812 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU048957.D

Acq: 08 Jun 2022 12:34

Instrument :

MSVOA_U

ClientSampleId :

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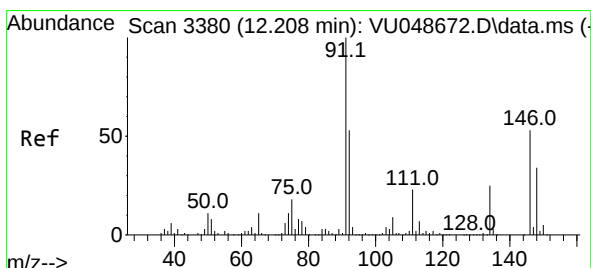
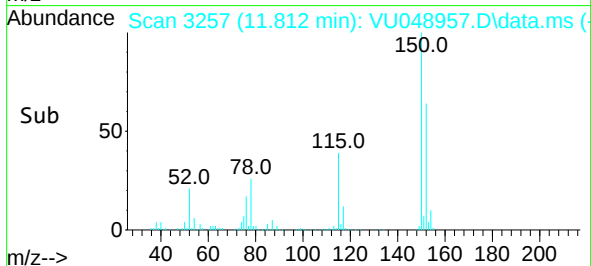
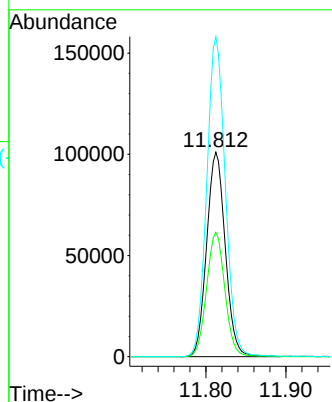
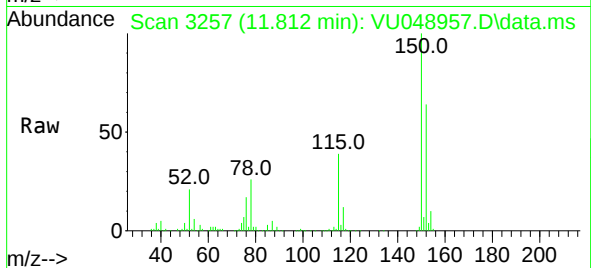
Tgt Ion:152 Resp: 163688

Ion Ratio Lower Upper

152 100

115 59.9 41.8 125.4

150 155.7 0.0 341.0



#89

n-Butylbenzene

Concen: 2.291 ug/l

RT: 12.211 min Scan# 3381

Delta R.T. 0.003 min

Lab File: VU048957.D

Acq: 08 Jun 2022 12:34

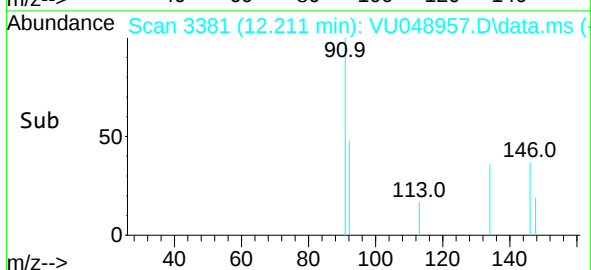
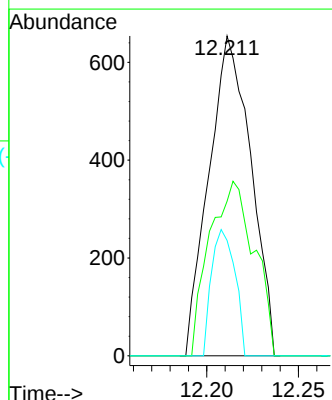
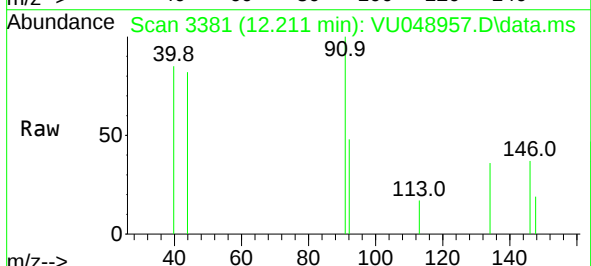
Tgt Ion: 91 Resp: 1043

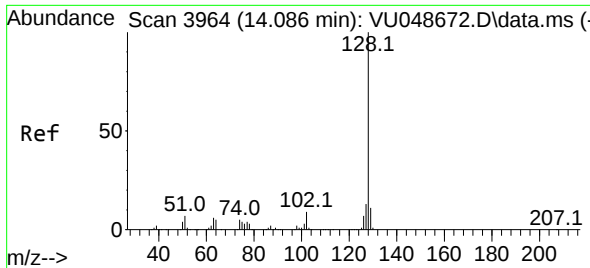
Ion Ratio Lower Upper

91 100

92 58.1 25.9 77.8

134 21.9 12.5 37.5





#95

Naphthalene

Concen: 3.084 ug/l

RT: 14.095 min Scan# 3967

Delta R.T. 0.009 min

Lab File: VU048957.D

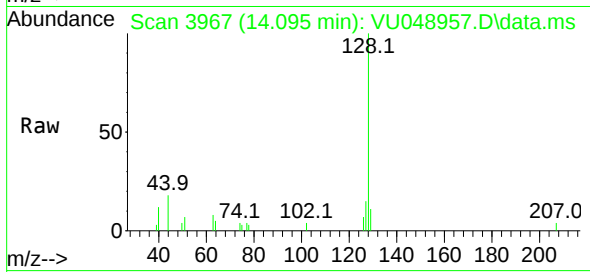
Acq: 08 Jun 2022 12:34

Instrument :

MSVOA_U

ClientSampleId :

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Tgt Ion:128 Resp: 7481

Ion Ratio Lower Upper

128 100

127 12.0 10.2 15.4

129 9.8 8.7 13.1

