

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040221\
 Data File : VU042914.D
 Acq On : 02 Apr 2021 22:30
 Operator : SY/MD
 Sample : M1931-03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-6

Quant Time: Apr 03 00:18:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U032421W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 25 05:42:00 2021
 Response via : Initial Calibration

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

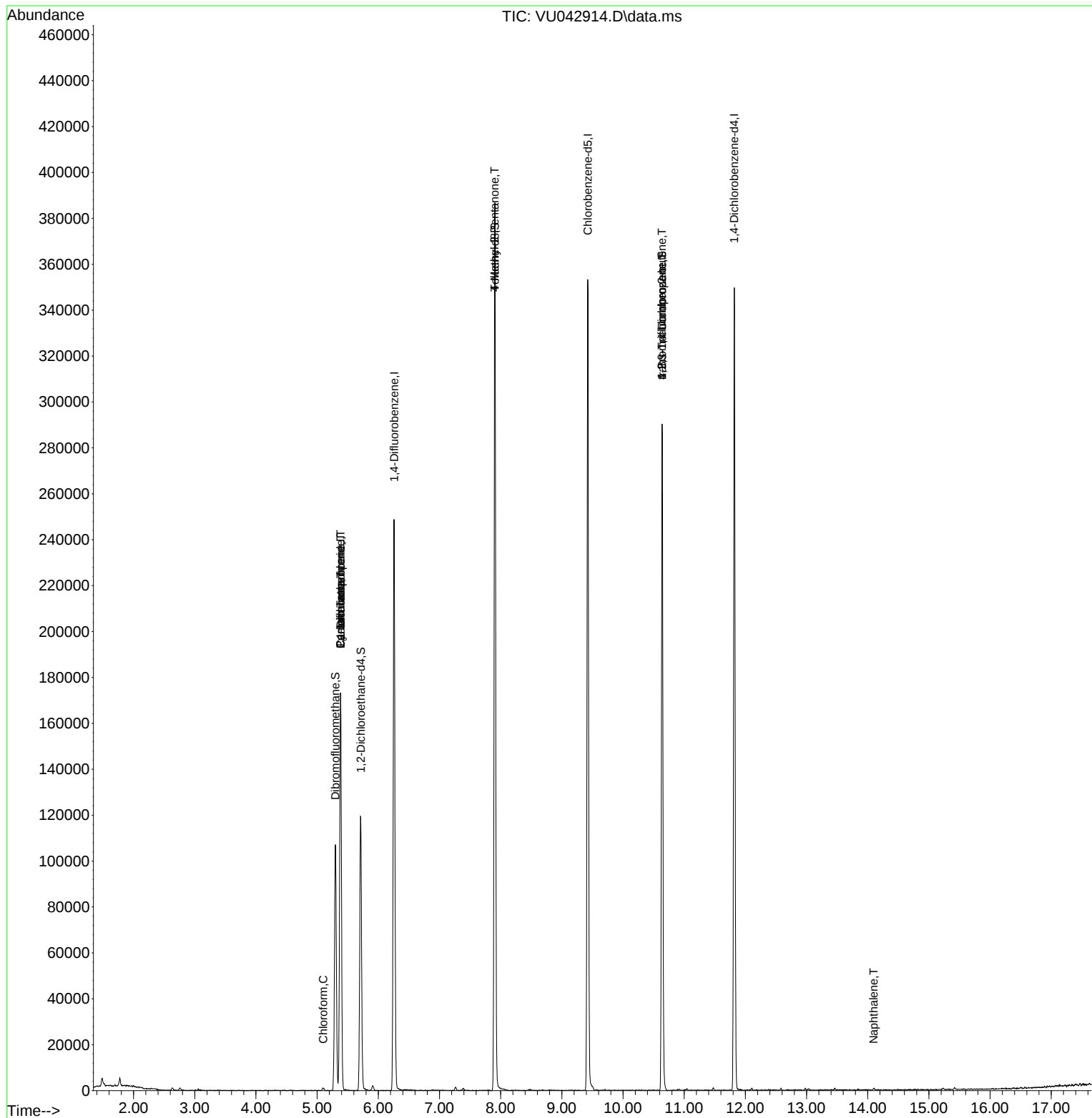
Internal Standards						
1) Pentafluorobenzene	5.382	168	118902	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.259	114	186457	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	181986	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	86900	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.713	65	93910	49.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.08%	
35) Dibromofluoromethane	5.298	113	65488	47.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.12%	
50) Toluene-d8	7.906	98	238949	48.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.62%	
62) 4-Bromofluorobenzene	10.639	95	86984	45.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.44%	
Target Compounds						
						Qvalue
16) Acetone	2.629	43	1407	Below Cal		94
30) Chloroform	5.099	83	1182	0.45 ug/l		90
31) Cyclohexane	5.382	56	2964	1.26 ug/l #		44
36) 1,1-Dichloropropene	5.382	75	9375	5.08 ug/l #		50
38) Carbon Tetrachloride	5.382	117	12157	5.77 ug/l #		17
51) 4-Methyl-2-Pentanone	7.902	43	1499	0.50 ug/l #		1
76) 1,2,3-Trichloropropane	10.639	75	50213	22.72 ug/l #		37
81) trans-1,4-Dichloro-2-b...	10.639	75	50213	67.32 ug/l #		6
95) Naphthalene	14.098	128	987	2.73 ug/l #		68

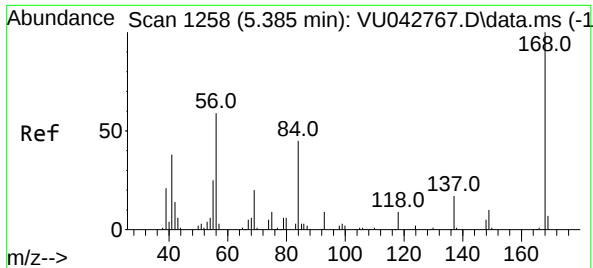
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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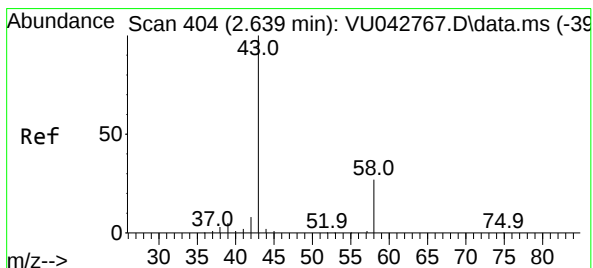
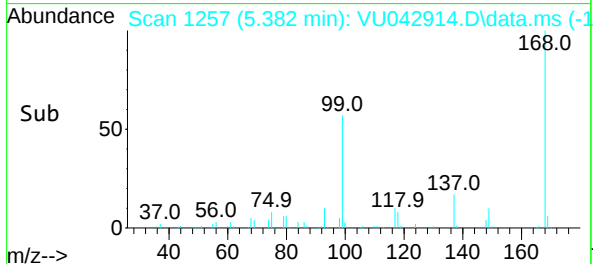
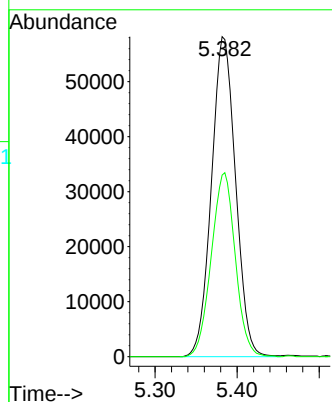
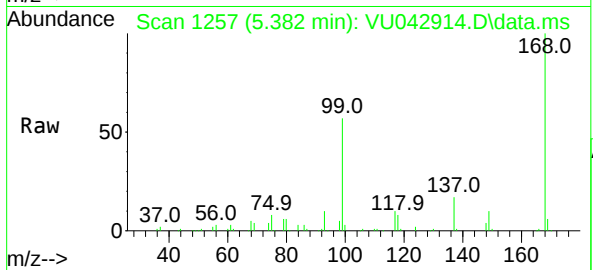




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.003 min
Lab File: VU042914.D
Acq: 02 Apr 2021 22:30

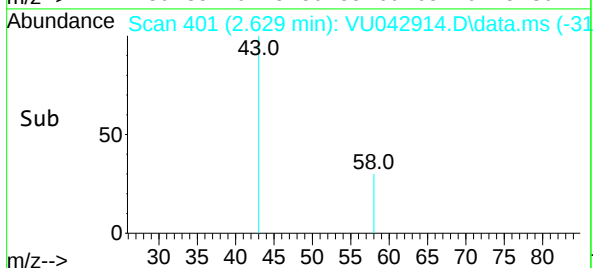
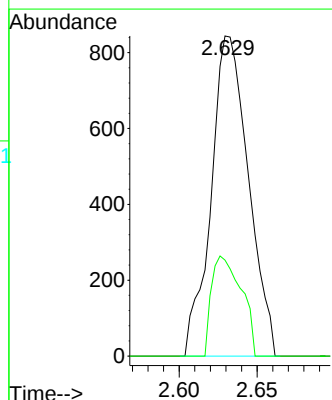
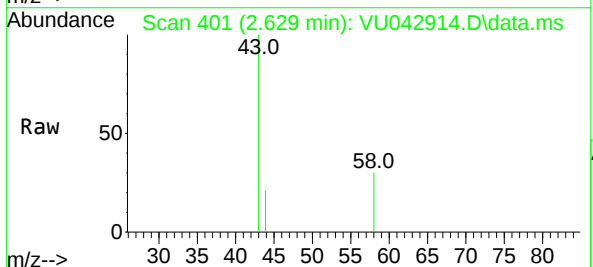
Instrument :
MSVOA_U
ClientSampled :
MW-6

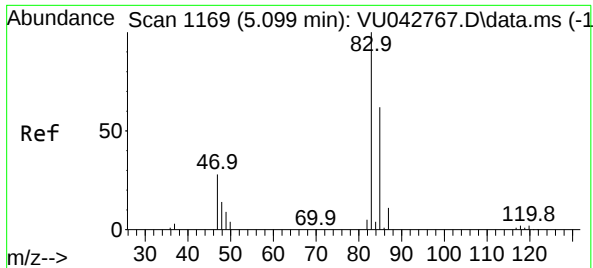
Tgt Ion:168 Resp: 118902
Ion Ratio Lower Upper
168 100
99 56.7 46.4 69.6



#16
Acetone
Concen: Below Cal
RT: 2.629 min Scan# 401
Delta R.T. -0.010 min
Lab File: VU042914.D
Acq: 02 Apr 2021 22:30

Tgt Ion: 43 Resp: 1407
Ion Ratio Lower Upper
43 100
58 30.0 21.6 32.4





#30

Chloroform

Concen: 0.45 ug/l

RT: 5.099 min Scan# 1169

Delta R.T. -0.000 min

Lab File: VU042914.D

Acq: 02 Apr 2021 22:30

Instrument :

MSVOA_U

ClientSampled :

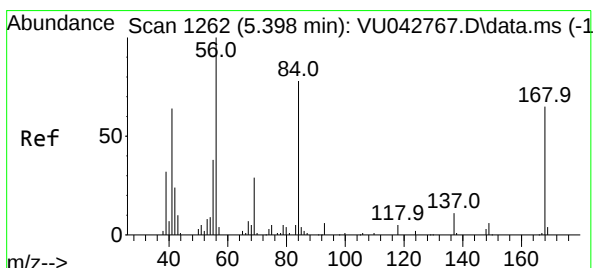
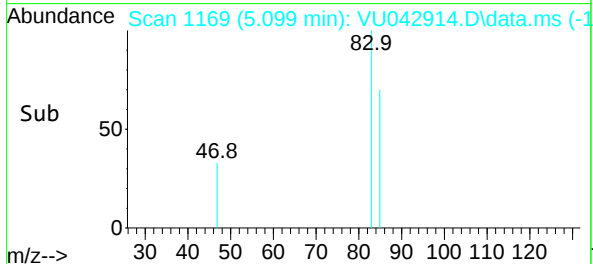
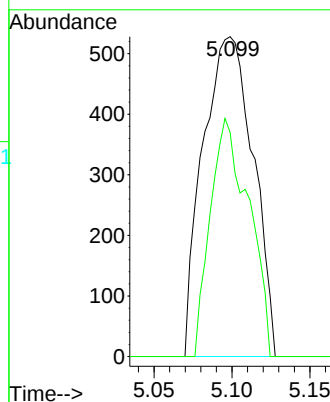
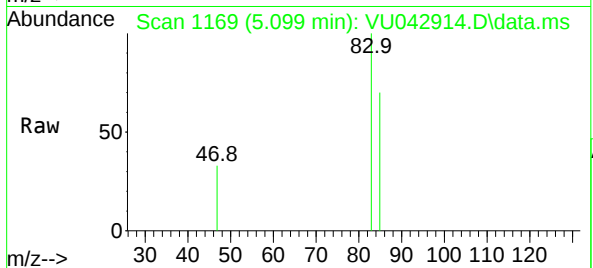
MW-6

Tgt Ion: 83 Resp: 1182

Ion Ratio Lower Upper

83 100

85 70.1 49.9 74.9



#31

Cyclohexane

Concen: 1.26 ug/l

RT: 5.382 min Scan# 1257

Delta R.T. -0.016 min

Lab File: VU042914.D

Acq: 02 Apr 2021 22:30

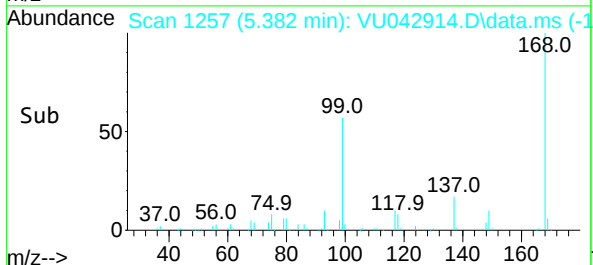
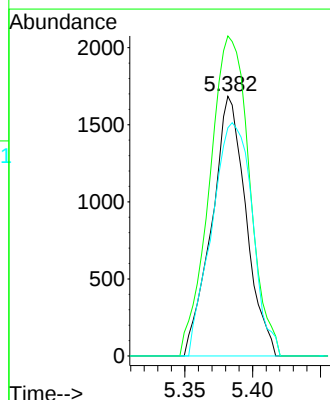
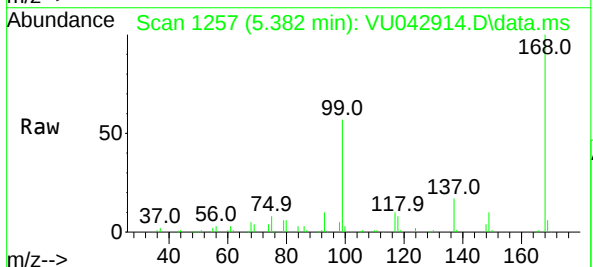
Tgt Ion: 56 Resp: 2964

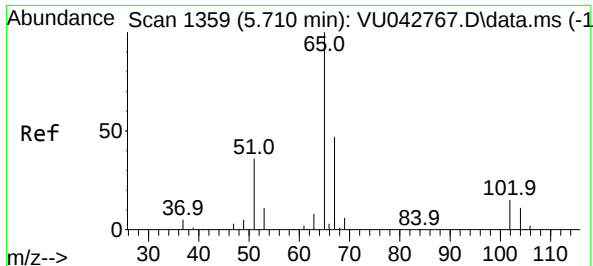
Ion Ratio Lower Upper

56 100

69 123.2 23.3 34.9#

84 87.8 62.2 93.4





#33

1,2-Dichloroethane-d4

Concen: 49.54 ug/l

RT: 5.713 min Scan# 1360

Delta R.T. 0.003 min

Lab File: VU042914.D

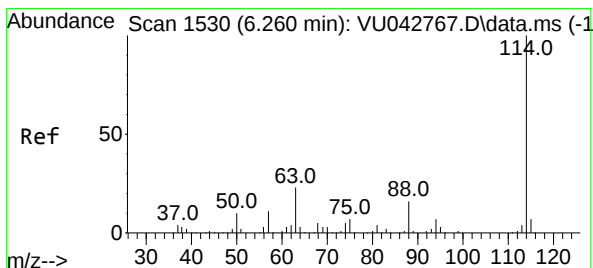
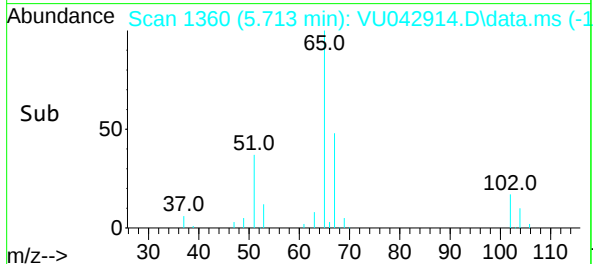
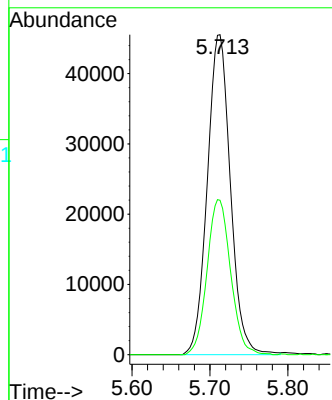
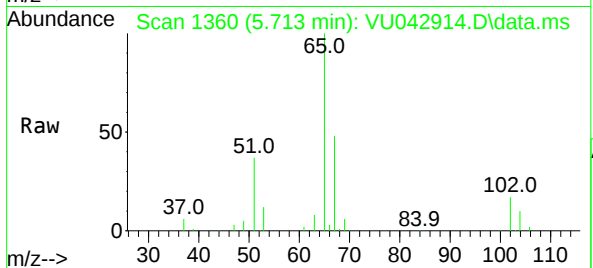
Acq: 02 Apr 2021 22:30

Tgt Ion: 65 Resp: 93910

Ion Ratio Lower Upper

65 100

67 49.4 0.0 98.8



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.259 min Scan# 1530

Delta R.T. -0.001 min

Lab File: VU042914.D

Acq: 02 Apr 2021 22:30

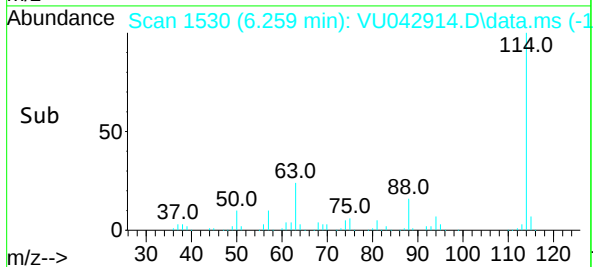
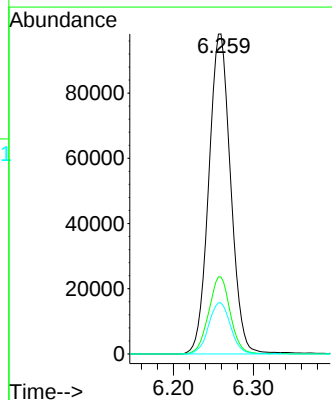
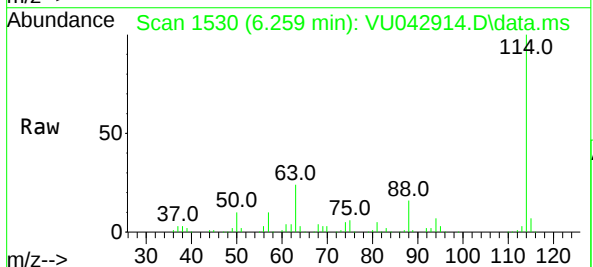
Tgt Ion: 114 Resp: 186457

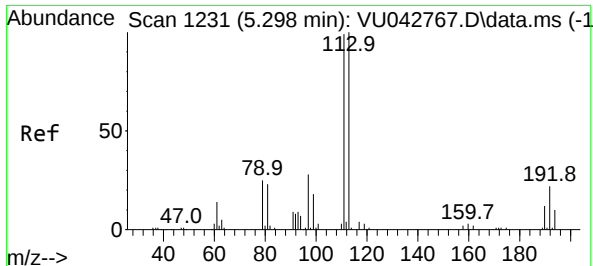
Ion Ratio Lower Upper

114 100

63 24.0 0.0 46.8

88 16.0 0.0 32.2

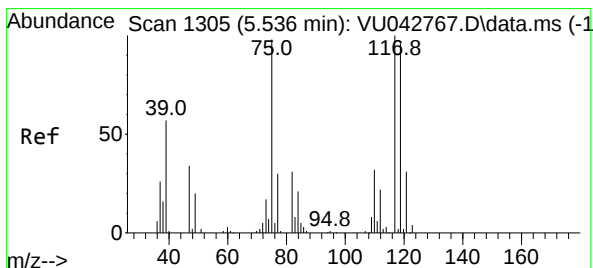
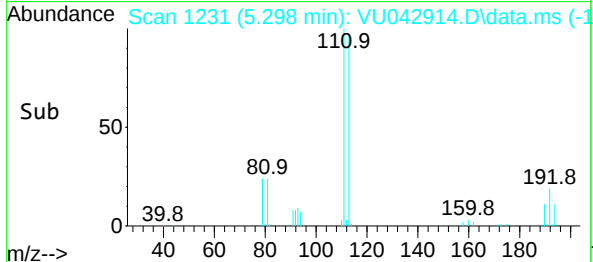
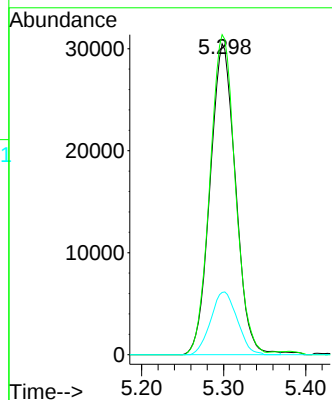
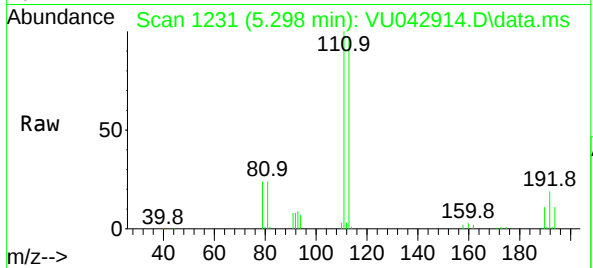




#35
Dibromofluoromethane
Concen: 47.06 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. -0.000 min
Lab File: VU042914.D
Acq: 02 Apr 2021 22:30

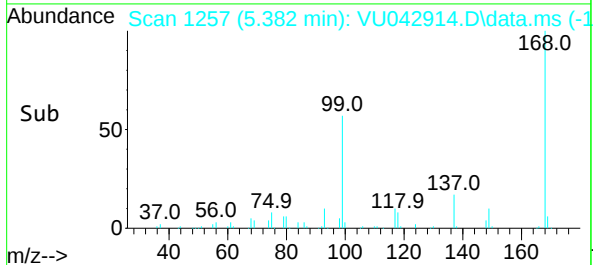
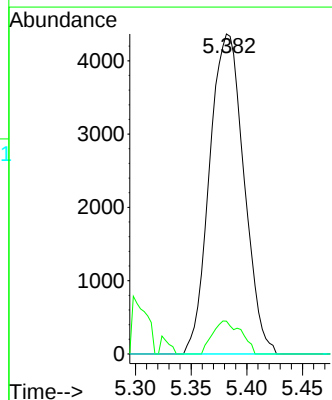
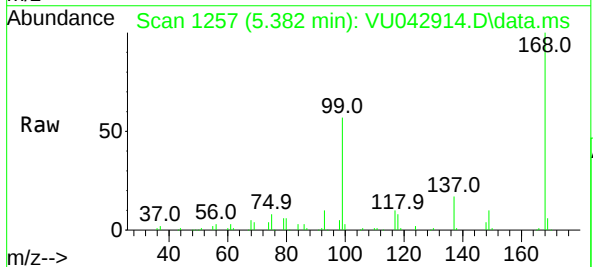
Instrument :
MSVOA_U
ClientSampleId :
MW-6

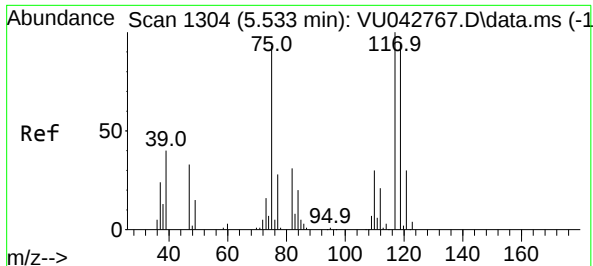
Tgt Ion:113 Resp: 65488
Ion Ratio Lower Upper
113 100
111 102.7 82.1 123.1
192 21.0 17.6 26.4



#36
1,1-Dichloropropene
Concen: 5.08 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.155 min
Lab File: VU042914.D
Acq: 02 Apr 2021 22:30

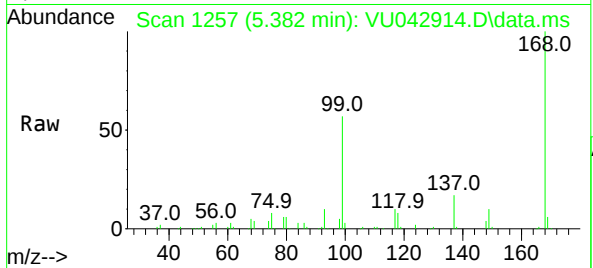
Tgt Ion: 75 Resp: 9375
Ion Ratio Lower Upper
75 100
110 8.6 16.6 49.7#
77 0.0 24.7 37.1#



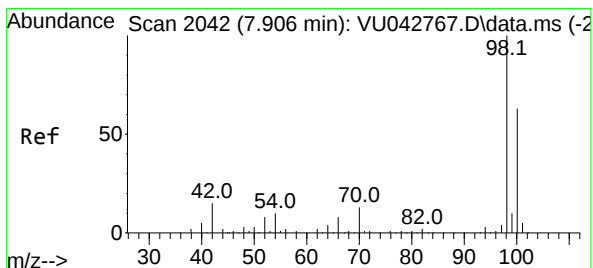
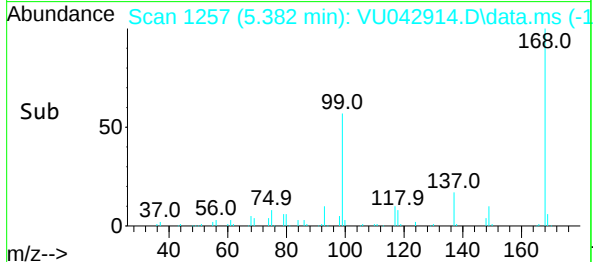
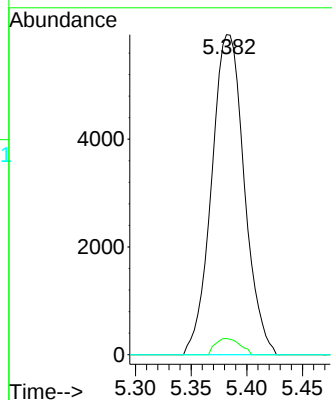


#38
Carbon Tetrachloride
Concen: 5.77 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU042914.D
Acq: 02 Apr 2021 22:30

Instrument :
MSVOA_U
ClientSampled :
MW-6

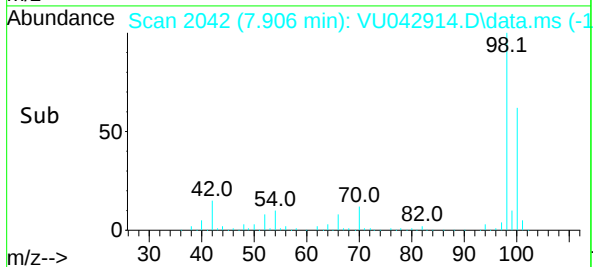
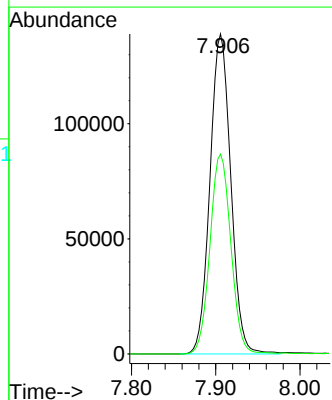
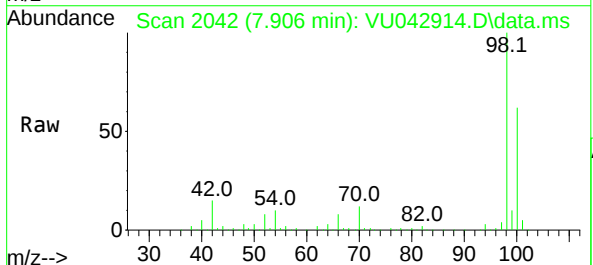


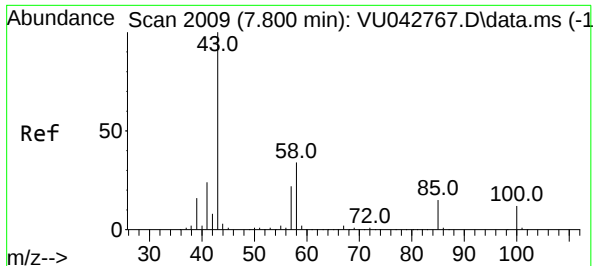
Tgt Ion:117 Resp: 12157
Ion Ratio Lower Upper
117 100
119 5.0 75.2 112.8#
121 0.0 24.2 36.4#



#50
Toluene-d8
Concen: 48.81 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU042914.D
Acq: 02 Apr 2021 22:30

Tgt Ion: 98 Resp: 238949
Ion Ratio Lower Upper
98 100
100 62.6 50.4 75.6

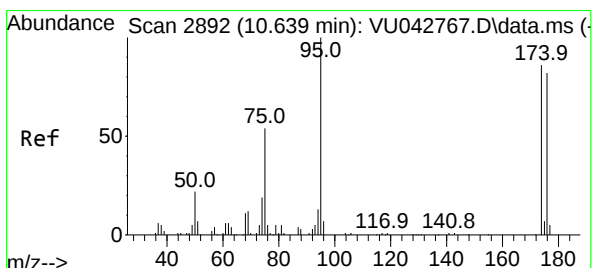
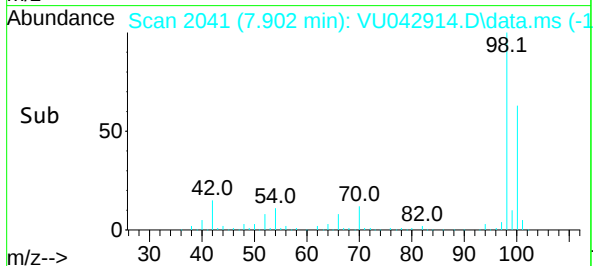
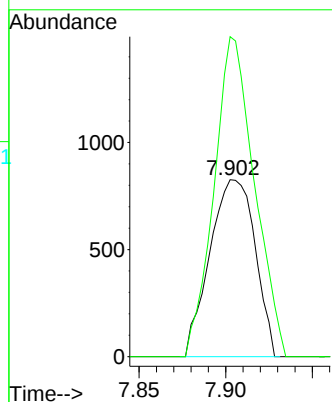
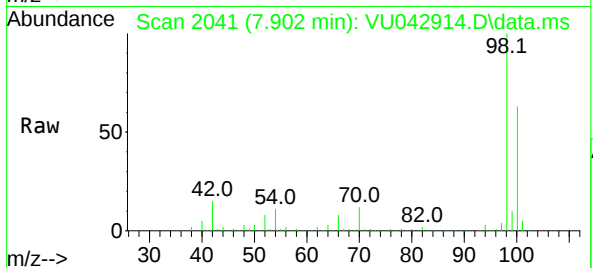




#51
4-Methyl-2-Pentanone
Concen: 0.50 ug/l
RT: 7.902 min Scan# 2041
Delta R.T. 0.103 min
Lab File: VU042914.D
Acq: 02 Apr 2021 22:30

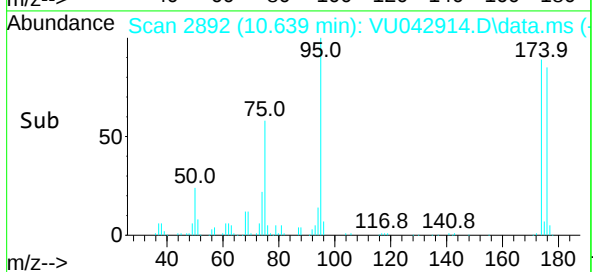
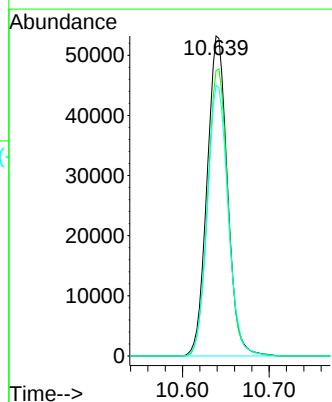
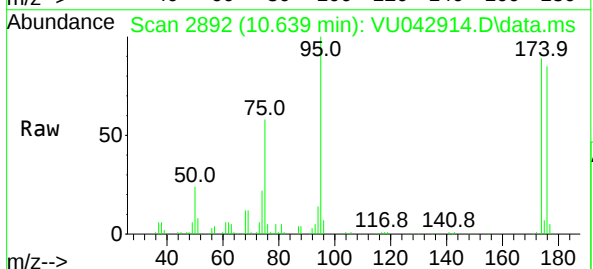
Instrument :
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ClientSampled :
MW-6

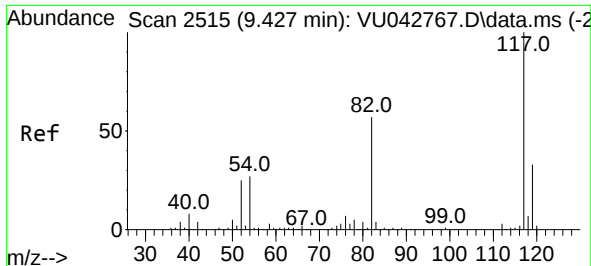
Tgt Ion: 43 Resp: 1499
Ion Ratio Lower Upper
43 100
58 161.6 27.4 41.2#



#62
4-Bromofluorobenzene
Concen: 45.72 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU042914.D
Acq: 02 Apr 2021 22:30

Tgt Ion: 95 Resp: 86984
Ion Ratio Lower Upper
95 100
174 89.8 0.0 175.2
176 86.2 0.0 167.4

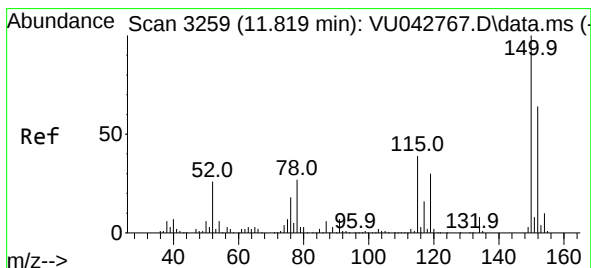
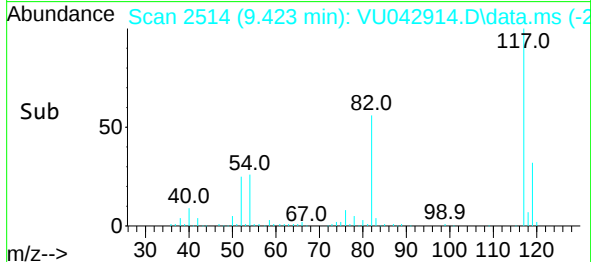
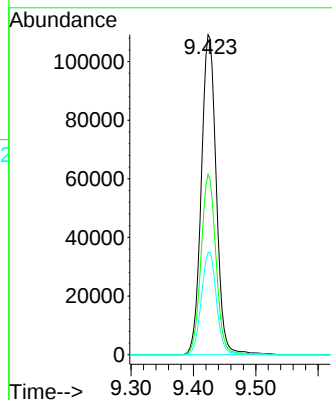
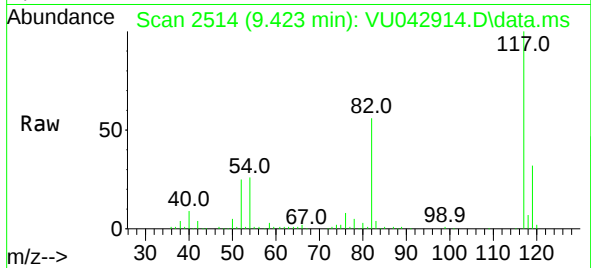




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. -0.003 min
Lab File: VU042914.D
Acq: 02 Apr 2021 22:30

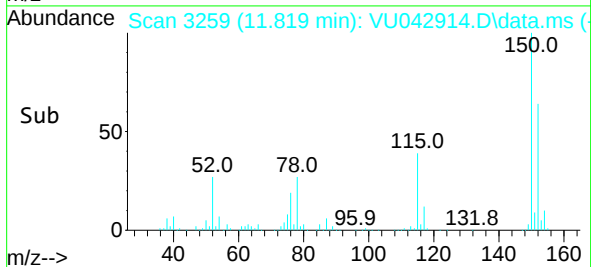
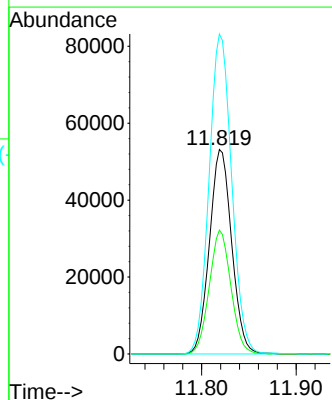
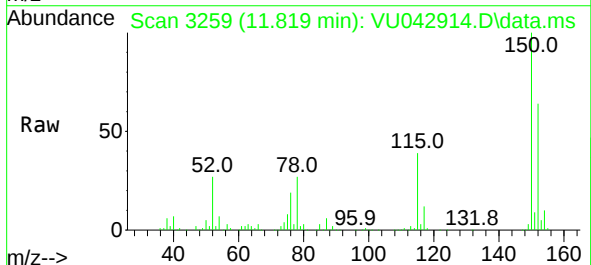
Instrument :
MSVOA_U
ClientSampled :
MW-6

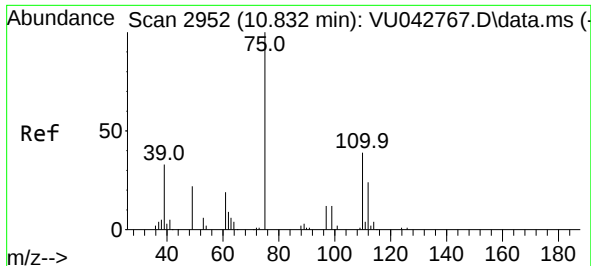
Tgt Ion:117 Resp: 181986
Ion Ratio Lower Upper
117 100
82 56.3 45.5 68.3
119 31.9 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VU042914.D
Acq: 02 Apr 2021 22:30

Tgt Ion:152 Resp: 86900
Ion Ratio Lower Upper
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115 58.8 41.0 123.0
150 158.6 0.0 341.0

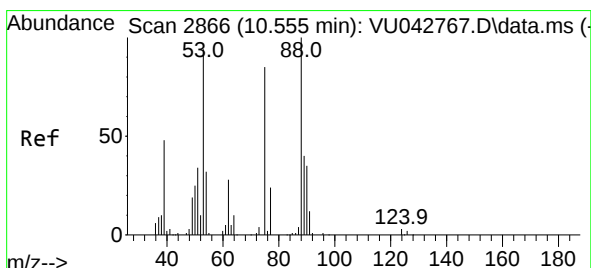
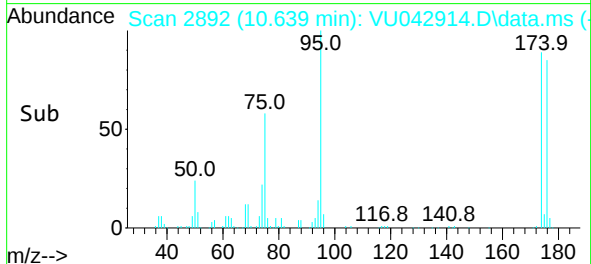
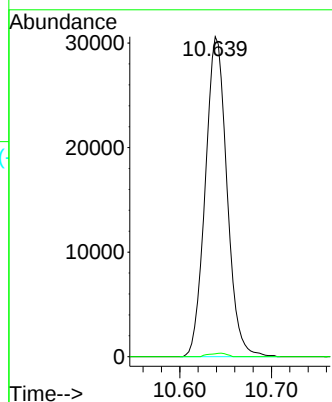
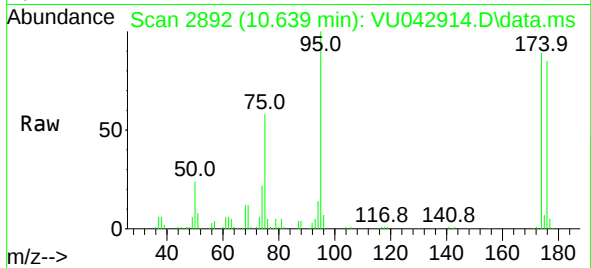




#76
1,2,3-Trichloropropane
Concen: 22.72 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.193 min
Lab File: VU042914.D
Acq: 02 Apr 2021 22:30

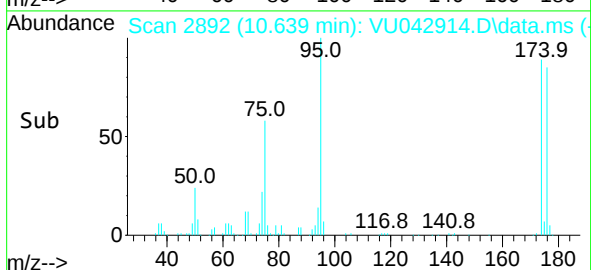
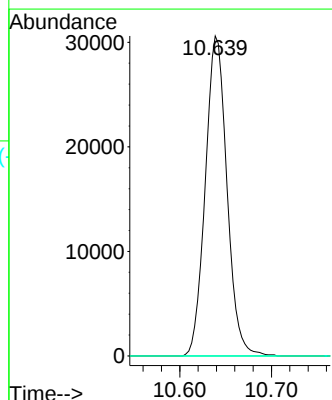
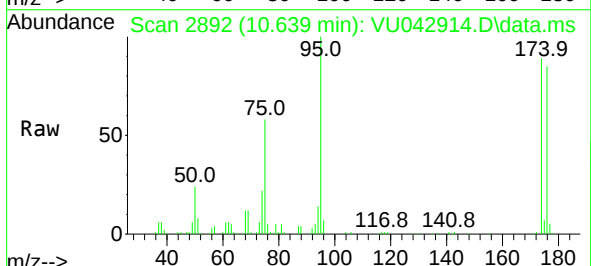
Instrument :
MSVOA_U
ClientSampled :
MW-6

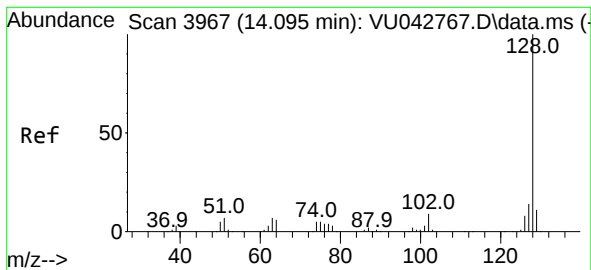
Tgt Ion: 75 Resp: 50213
Ion Ratio Lower Upper
75 100
77 0.9 19.6 58.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 67.32 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.083 min
Lab File: VU042914.D
Acq: 02 Apr 2021 22:30

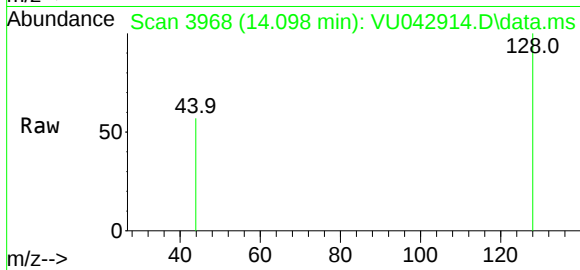
Tgt Ion: 75 Resp: 50213
Ion Ratio Lower Upper
75 100
53 0.0 88.3 132.5#
89 0.0 35.7 53.5#





#95
 Naphthalene
 Concen: 2.73 ug/l
 RT: 14.098 min Scan# 3968
 Delta R.T. 0.003 min
 Lab File: VU042914.D
 Acq: 02 Apr 2021 22:30

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-6



Tgt Ion:128 Resp: 987
 Ion Ratio Lower Upper
 128 100
 127 0.0 10.9 16.3#
 129 0.0 8.7 13.1#

