

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111121\
 Data File : VU045730.D
 Acq On : 11 Nov 2021 11:51
 Operator : SY/MD
 Sample : VU1111WBL01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 12 06:05:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U110521W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 05 13:35:16 2021
 Response via : Initial Calibration

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

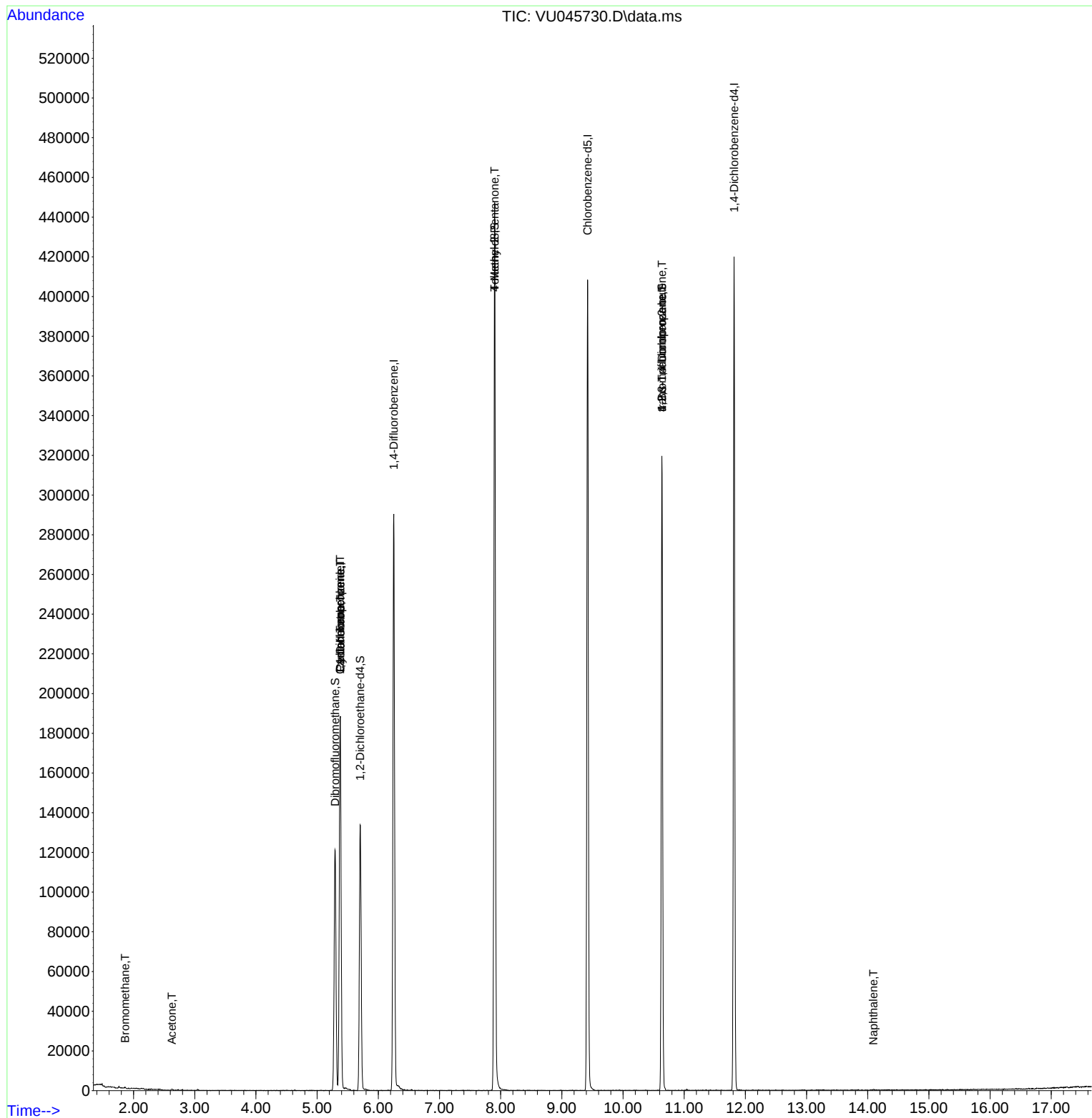
Internal Standards						
1) Pentafluorobenzene	5.379	168	122298	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	227519	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	226216	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	102672	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	99794	54.486	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 108.980%	
35) Dibromofluoromethane	5.295	113	77719	51.164	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.320%	
50) Toluene-d8	7.903	98	297122	52.602	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 105.200%	
62) 4-Bromofluorobenzene	10.636	95	106075	46.832	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 93.660%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.861	94	288	0.292	ug/l #	77
16) Acetone	2.626	43	592	0.635	ug/l #	66
31) Cyclohexane	5.379	56	2719	1.017	ug/l #	1
36) 1,1-Dichloropropene	5.375	75	11048	4.980	ug/l #	51
38) Carbon Tetrachloride	5.375	117	13276	5.936	ug/l #	15
51) 4-Methyl-2-Pentanone	7.899	43	1150	0.447	ug/l #	1
76) 1,2,3-Trichloropropane	10.636	75	55404	17.794	ug/l #	43
81) trans-1,4-Dichloro-2-b...	10.636	75	55404	57.796	ug/l #	12
95) Naphthalene	14.092	128	433	1.080	ug/l #	69

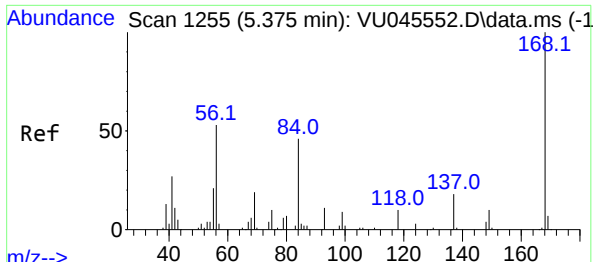
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

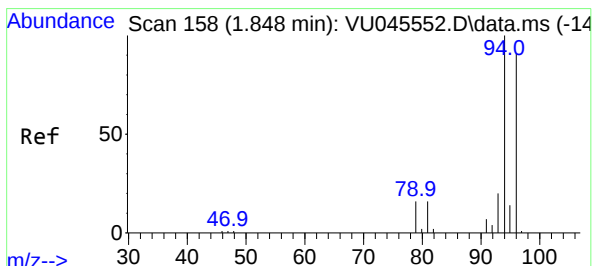
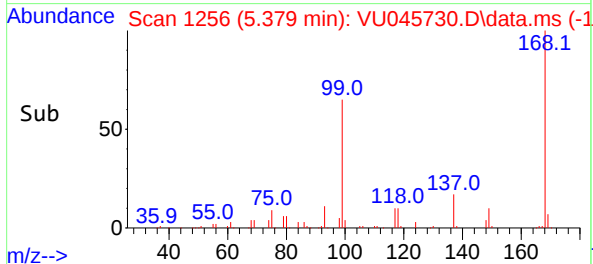
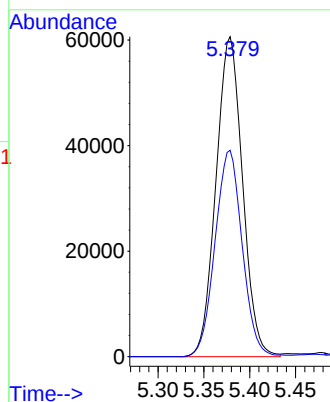
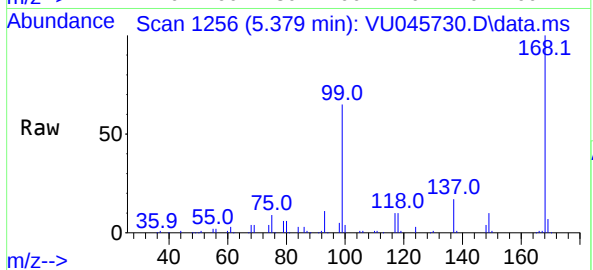




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.379 min Scan# 11
Delta R.T. 0.004 min
Lab File: VU045730.D
Acq: 11 Nov 2021 11:51

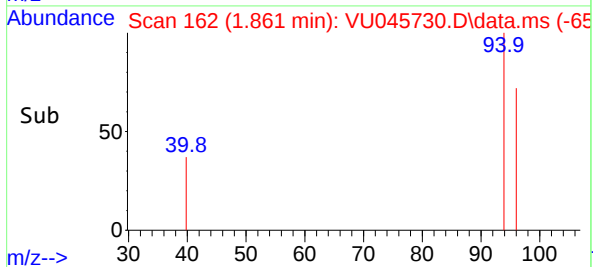
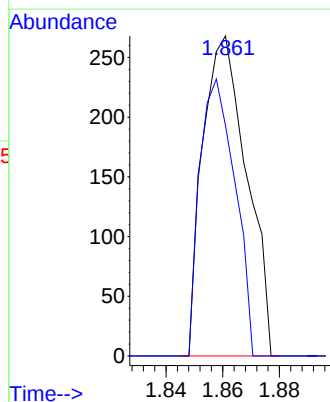
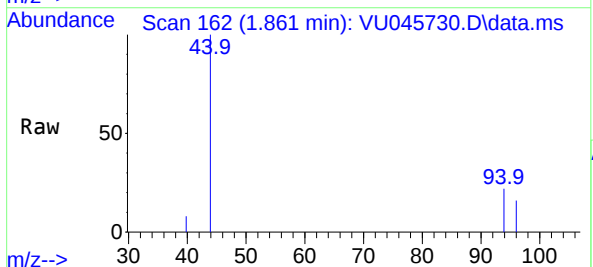
Instrument :
MSVOA_U
ClientSampleId :

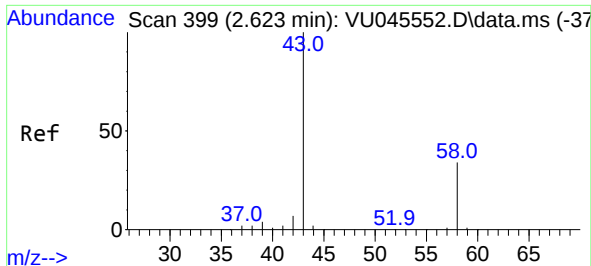
Tgt Ion:168 Resp: 122298
Ion Ratio Lower Upper
168 100
99 64.5 51.0 76.6



#5
Bromomethane
Concen: 0.292 ug/l
RT: 1.861 min Scan# 162
Delta R.T. 0.013 min
Lab File: VU045730.D
Acq: 11 Nov 2021 11:51

Tgt Ion: 94 Resp: 288
Ion Ratio Lower Upper
94 100
96 72.0 75.4 113.2#

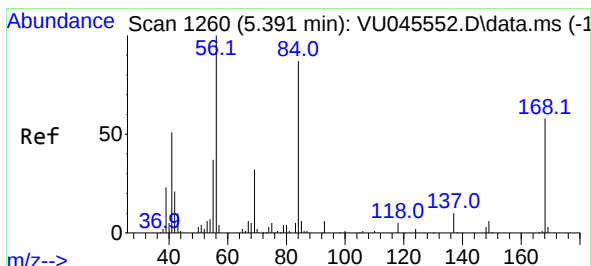
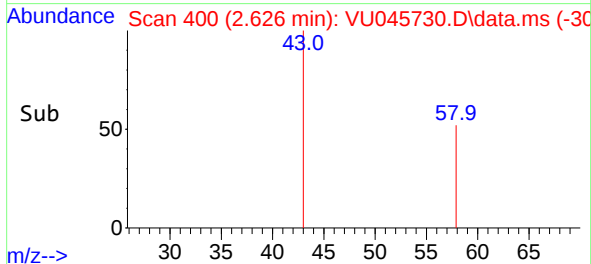
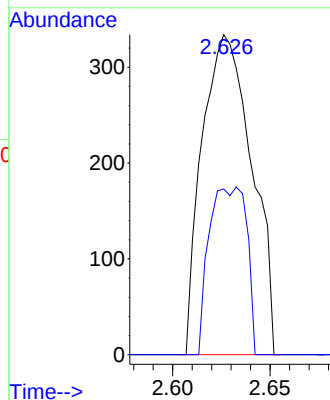
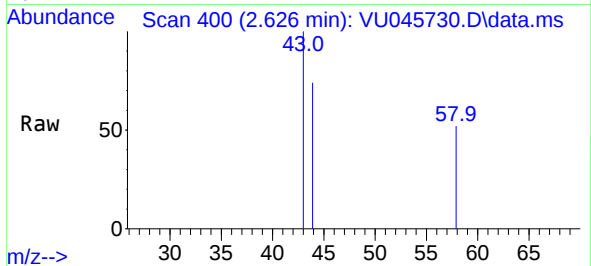




#16
Acetone
Concen: 0.635 ug/l
RT: 2.626 min Scan# 40
Delta R.T. 0.003 min
Lab File: VU045730.D
Acq: 11 Nov 2021 11:51

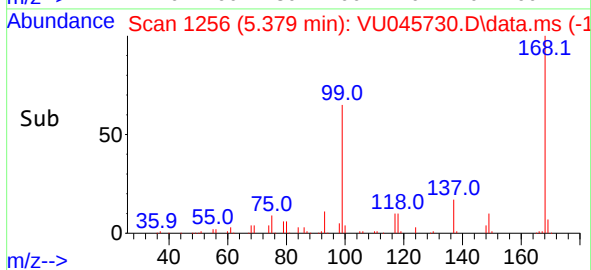
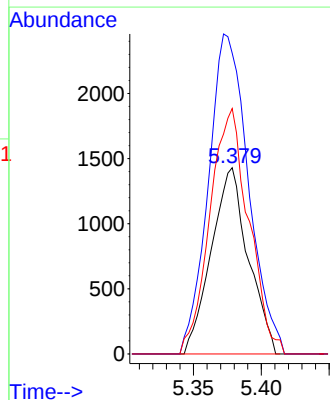
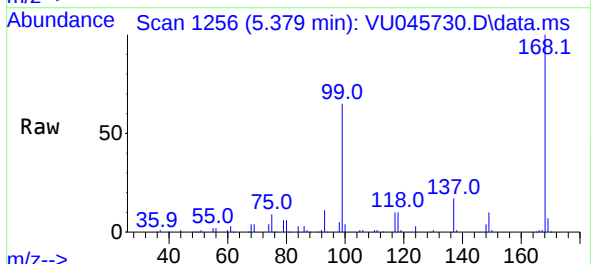
Instrument :
MSVOA_U
ClientSampleId :

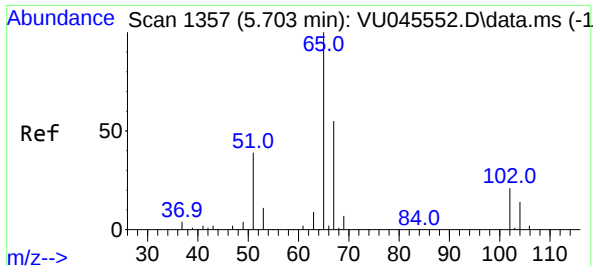
Tgt Ion: 43 Resp: 592
Ion Ratio Lower Upper
43 100
58 51.8 26.2 39.2#



#31
Cyclohexane
Concen: 1.017 ug/l
RT: 5.379 min Scan# 1256
Delta R.T. -0.013 min
Lab File: VU045730.D
Acq: 11 Nov 2021 11:51

Tgt Ion: 56 Resp: 2719
Ion Ratio Lower Upper
56 100
69 161.5 26.4 39.6#
84 131.8 68.4 102.6#





#33

1,2-Dichloroethane-d4

Concen: 54.486 ug/l

RT: 5.703 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU045730.D

Acq: 11 Nov 2021 11:51

Instrument :

MSVOA_U

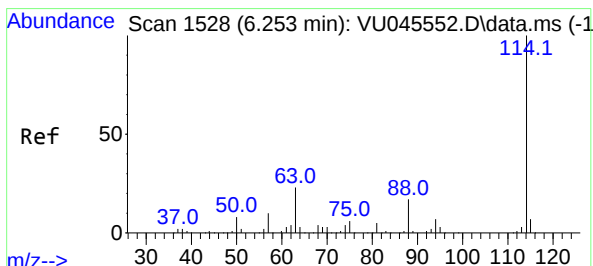
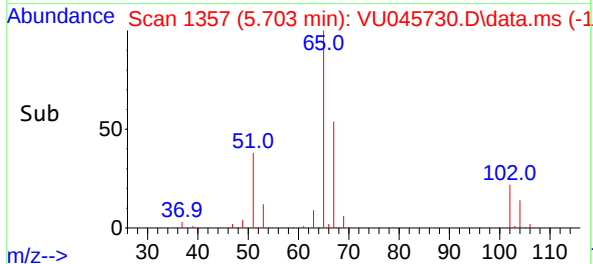
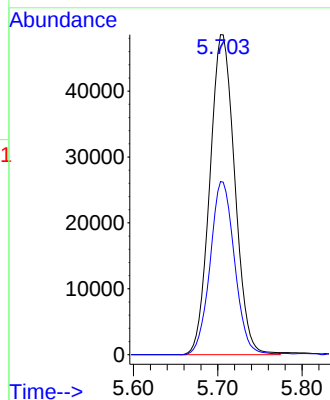
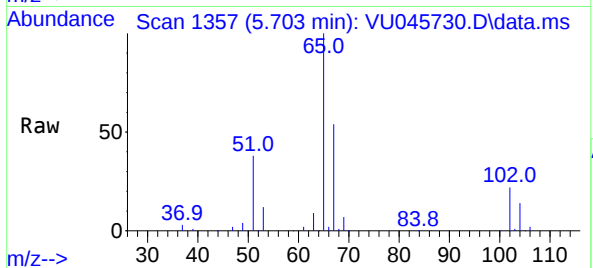
ClientSampleId :

Tgt Ion: 65 Resp: 99794

Ion Ratio Lower Upper

65 100

67 52.9 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.253 min Scan# 1528

Delta R.T. 0.000 min

Lab File: VU045730.D

Acq: 11 Nov 2021 11:51

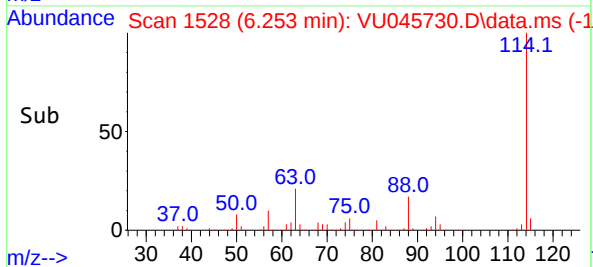
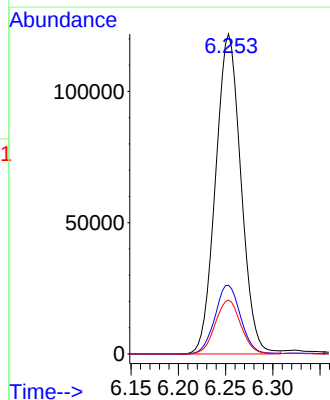
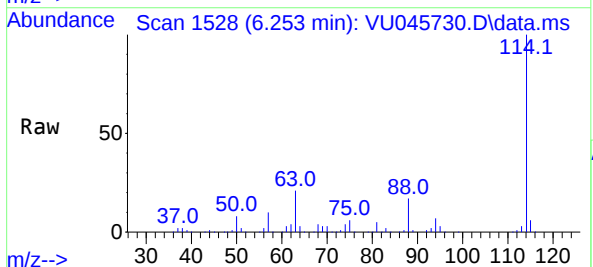
Tgt Ion: 114 Resp: 227519

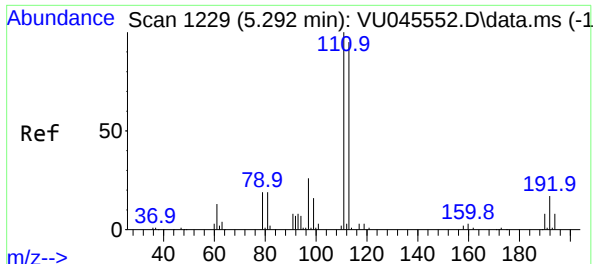
Ion Ratio Lower Upper

114 100

63 21.5 0.0 45.6

88 16.8 0.0 33.8





#35

Dibromofluoromethane

Concen: 51.164 ug/l

RT: 5.295 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU045730.D

Acq: 11 Nov 2021 11:51

Instrument :

MSVOA_U

ClientSampleId :

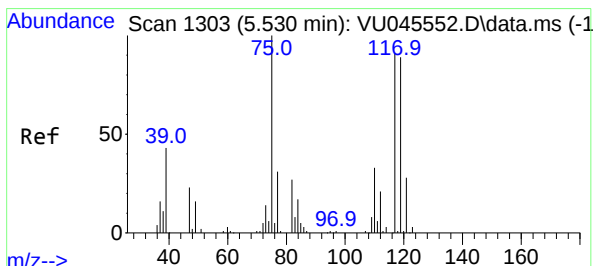
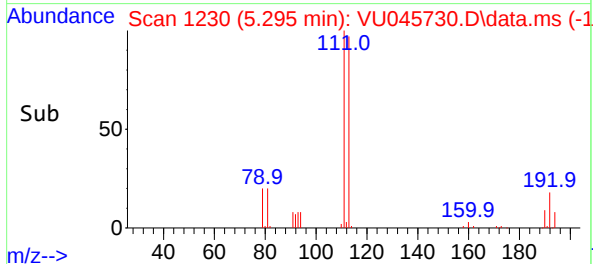
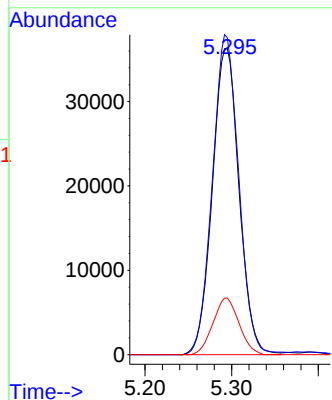
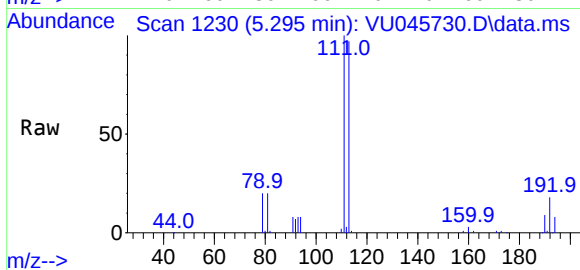
Tgt Ion:113 Resp: 77719

Ion Ratio Lower Upper

113 100

111 103.3 82.8 124.2

192 18.0 14.8 22.2



#36

1,1-Dichloropropene

Concen: 4.980 ug/l

RT: 5.375 min Scan# 1255

Delta R.T. -0.154 min

Lab File: VU045730.D

Acq: 11 Nov 2021 11:51

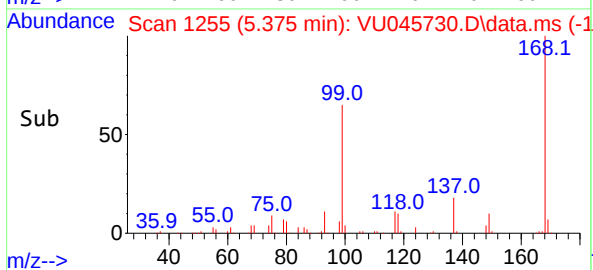
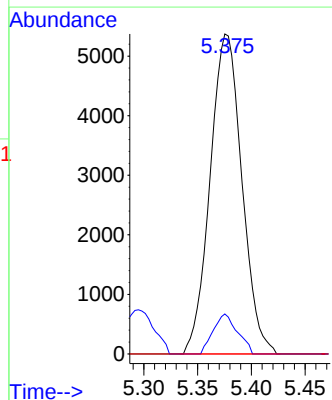
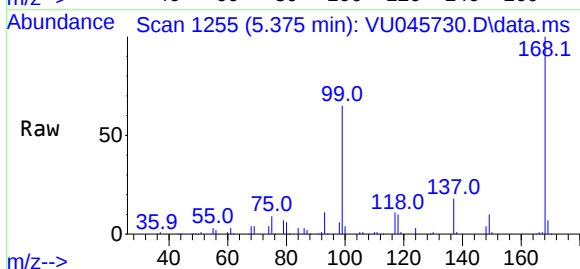
Tgt Ion: 75 Resp: 11048

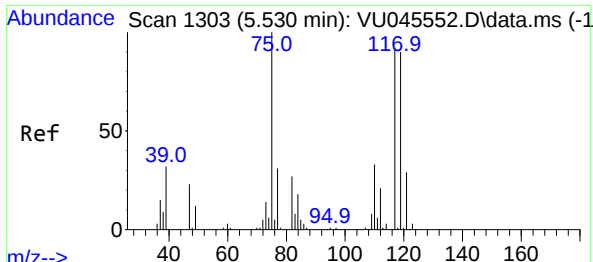
Ion Ratio Lower Upper

75 100

110 9.5 16.7 50.0#

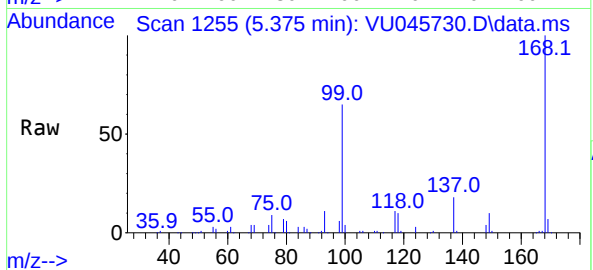
77 0.0 25.0 37.4#



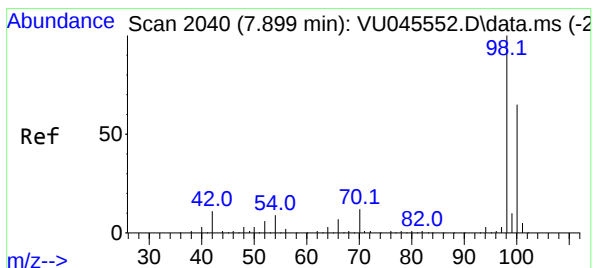
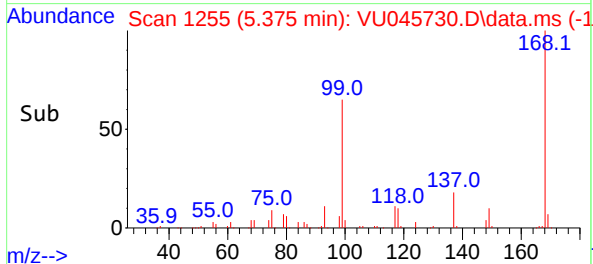
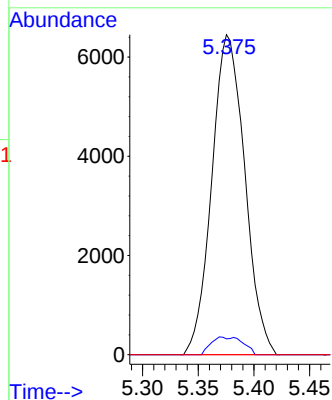


#38
Carbon Tetrachloride
Concen: 5.936 ug/l
RT: 5.375 min Scan# 11
Delta R.T. -0.154 min
Lab File: VU045730.D
Acq: 11 Nov 2021 11:51

Instrument :
MSVOA_U
ClientSampleId :

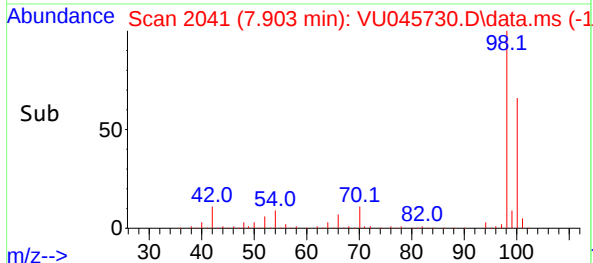
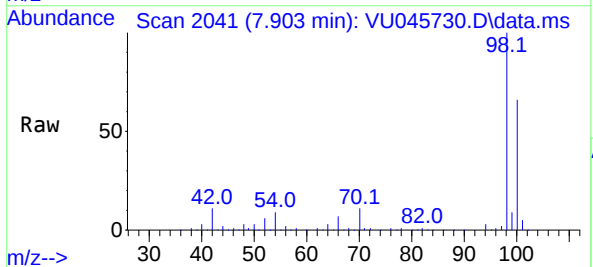
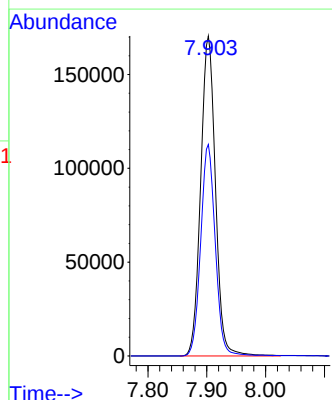


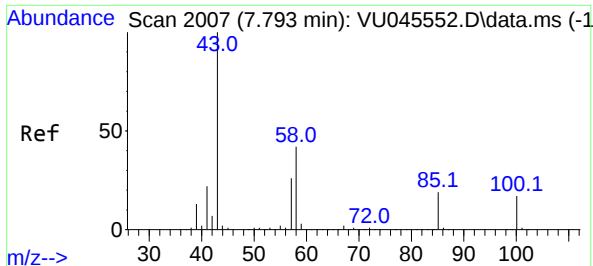
Tgt Ion:117 Resp: 13276
Ion Ratio Lower Upper
117 100
119 4.9 77.4 116.0#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 52.602 ug/l
RT: 7.903 min Scan# 2041
Delta R.T. 0.003 min
Lab File: VU045730.D
Acq: 11 Nov 2021 11:51

Tgt Ion: 98 Resp: 297122
Ion Ratio Lower Upper
98 100
100 65.1 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 0.447 ug/l

RT: 7.899 min Scan# 2040

Delta R.T. 0.106 min

Lab File: VU045730.D

Acq: 11 Nov 2021 11:51

Instrument :

MSVOA_U

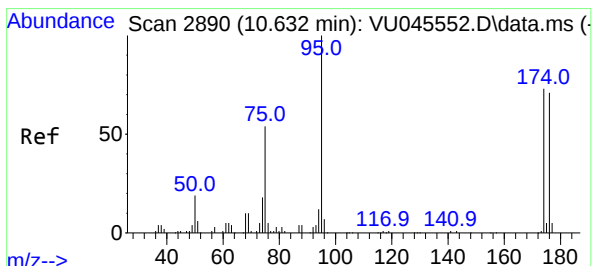
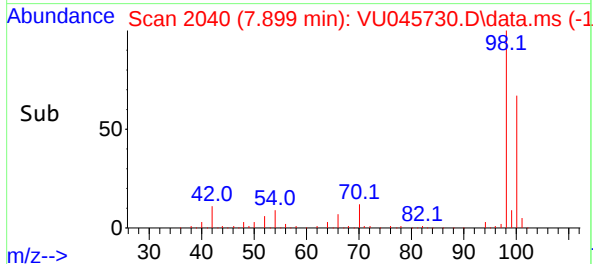
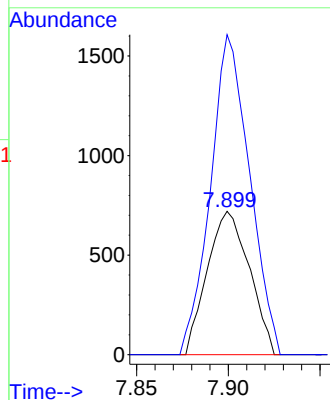
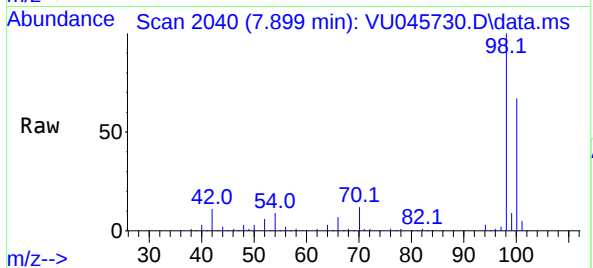
ClientSampleId :

Tgt Ion: 43 Resp: 1150

Ion Ratio Lower Upper

43 100

58 207.7 33.8 50.8#



#62

4-Bromofluorobenzene

Concen: 46.832 ug/l

RT: 10.636 min Scan# 2891

Delta R.T. 0.003 min

Lab File: VU045730.D

Acq: 11 Nov 2021 11:51

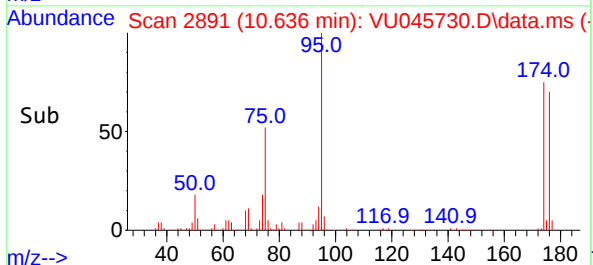
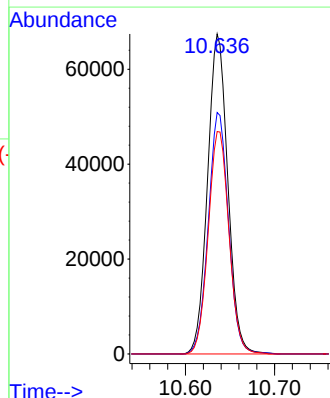
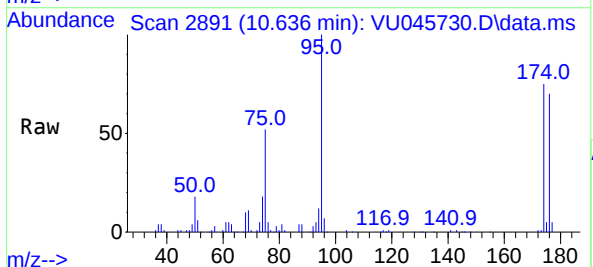
Tgt Ion: 95 Resp: 106075

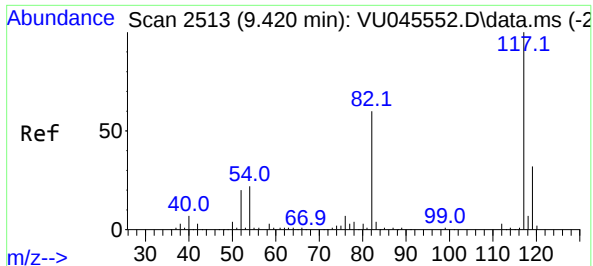
Ion Ratio Lower Upper

95 100

174 75.5 0.0 141.8

176 71.1 0.0 138.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.420 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU045730.D

Acq: 11 Nov 2021 11:51

Instrument :

MSVOA_U

ClientSampleId :

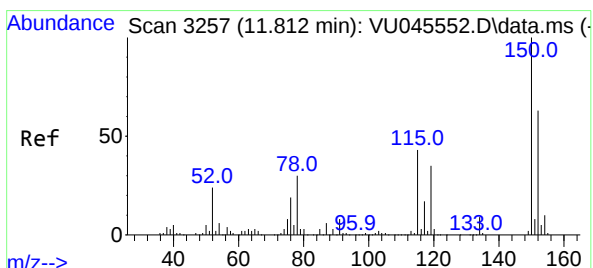
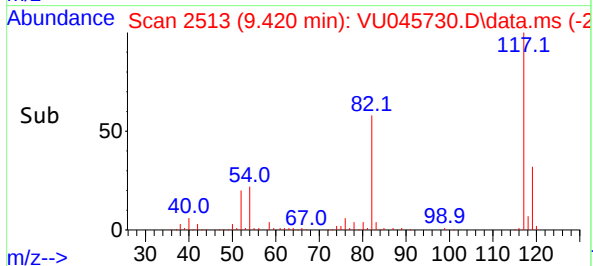
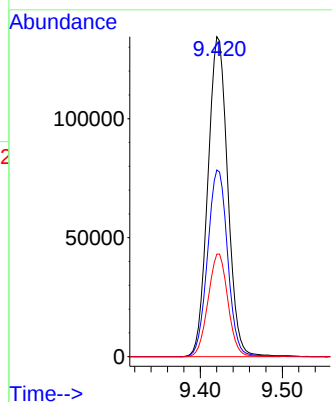
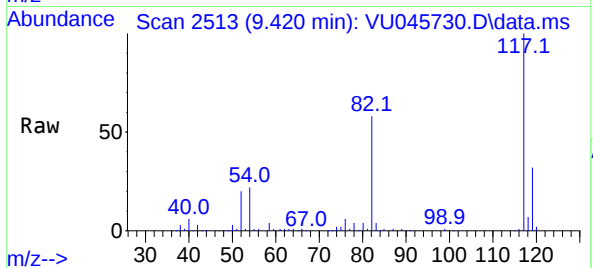
Tgt Ion:117 Resp: 226216

Ion Ratio Lower Upper

117 100

82 58.4 47.8 71.8

119 32.1 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.816 min Scan# 3258

Delta R.T. 0.003 min

Lab File: VU045730.D

Acq: 11 Nov 2021 11:51

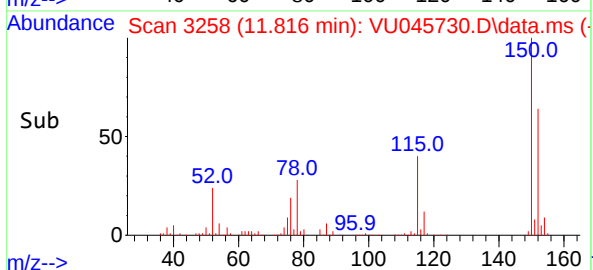
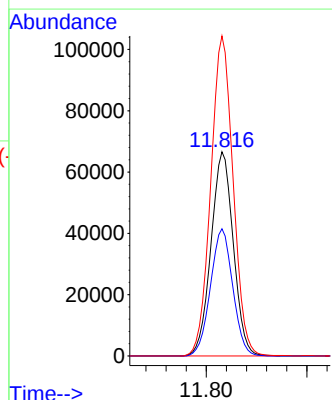
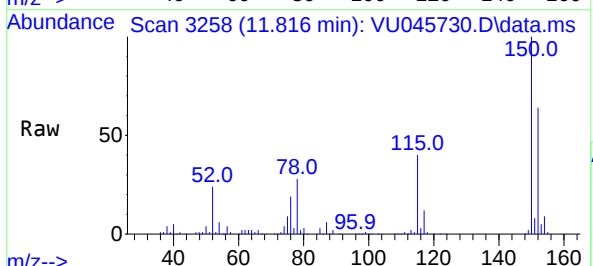
Tgt Ion:152 Resp: 102672

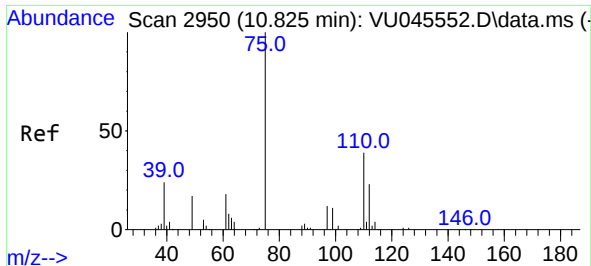
Ion Ratio Lower Upper

152 100

115 62.1 42.7 128.1

150 156.9 0.0 346.8

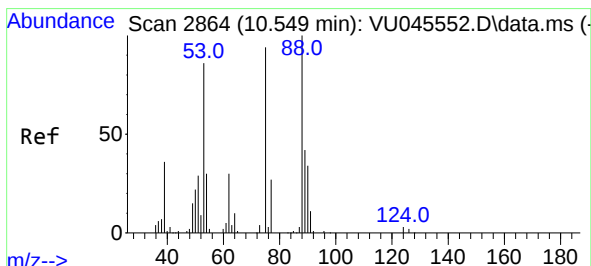
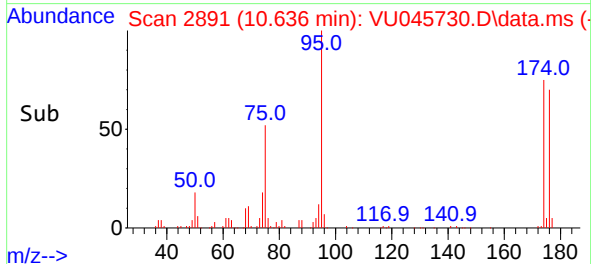
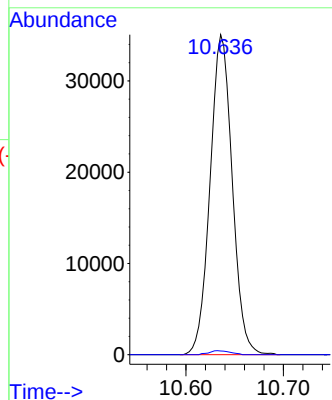
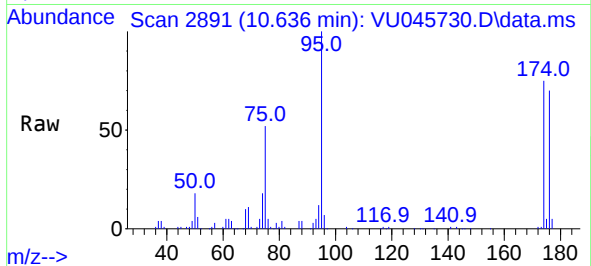




#76
1,2,3-Trichloropropane
Concen: 17.794 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. -0.190 min
Lab File: VU045730.D
Acq: 11 Nov 2021 11:51

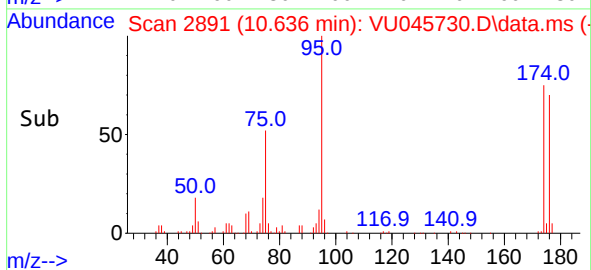
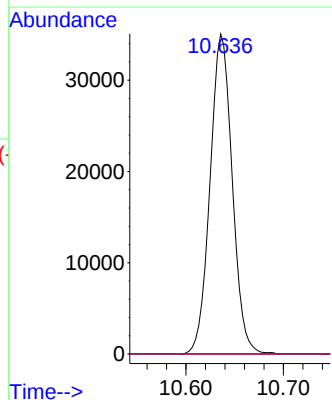
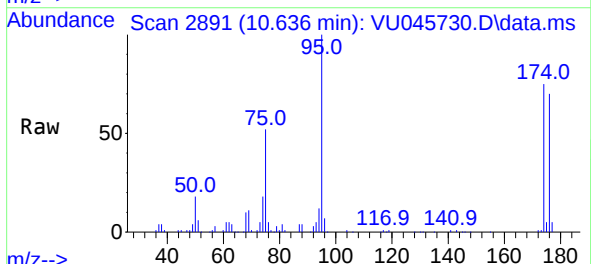
Instrument :
MSVOA_U
ClientSampleId :

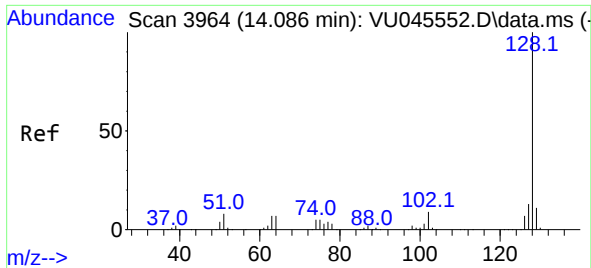
Tgt Ion: 75 Resp: 55404
Ion Ratio Lower Upper
75 100
77 1.2 17.1 51.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 57.796 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.087 min
Lab File: VU045730.D
Acq: 11 Nov 2021 11:51

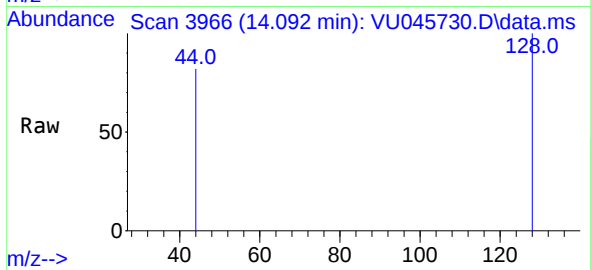
Tgt Ion: 75 Resp: 55404
Ion Ratio Lower Upper
75 100
53 0.0 76.2 114.4#
89 0.0 34.0 51.0#





#95
Naphthalene
Concen: 1.080 ug/l
RT: 14.092 min Scan# 3966
Delta R.T. 0.006 min
Lab File: VU045730.D
Acq: 11 Nov 2021 11:51

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.6	15.8#
129	0.0	8.6	13.0#

