

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111121\
 Data File : VU045749.D
 Acq On : 11 Nov 2021 19:18
 Operator : SY/MD
 Sample : M4606-13
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 SPRING-20211109

Quant Time: Nov 12 06:12:46 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)

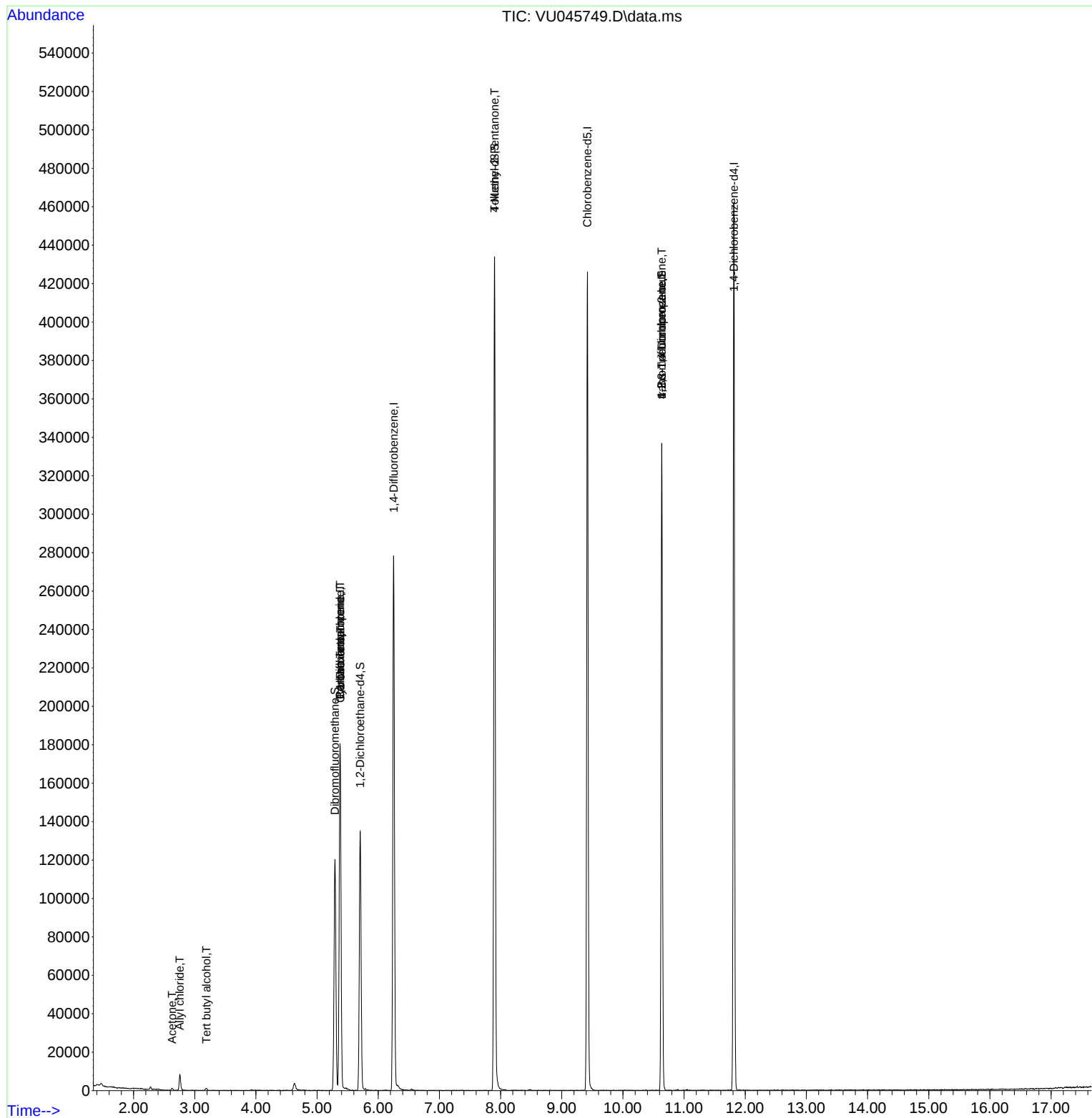
Internal Standards						
1) Pentafluorobenzene	5.375	168	118226	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	218799	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	229021	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	114347	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	99951	56.451	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 112.900%	
35) Dibromofluoromethane	5.292	113	77413	52.993	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.980%	
50) Toluene-d8	7.903	98	292282	53.808	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 107.620%	
62) 4-Bromofluorobenzene	10.636	95	110354	50.663	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 101.320%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.192	59	719	2.052	ug/l #	72
14) Allyl chloride	2.755	41	762	0.328	ug/l #	65
16) Acetone	2.629	43	1409	1.563	ug/l #	74
31) Cyclohexane	5.378	56	2728	1.056	ug/l #	1
36) 1,1-Dichloropropene	5.375	75	10751	5.039	ug/l #	50
38) Carbon Tetrachloride	5.375	117	12846	5.972	ug/l #	15
51) 4-Methyl-2-Pentanone	7.903	43	1261	0.510	ug/l #	1
76) 1,2,3-Trichloropropane	10.636	75	57509	16.584	ug/l #	43
81) trans-1,4-Dichloro-2-b...	10.636	75	57509	54.070	ug/l #	12

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

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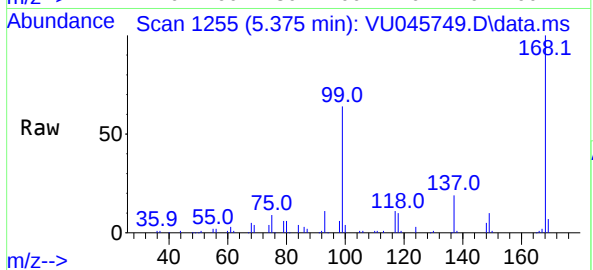
Quant Time: Nov 12 06:12:46 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U110521W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 05 13:35:16 2021
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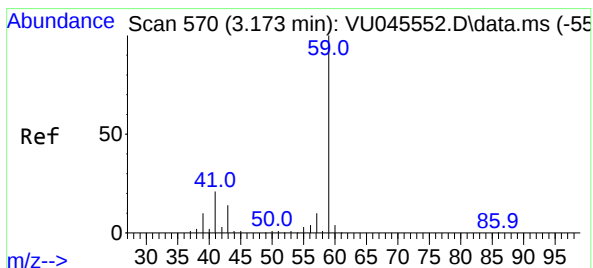
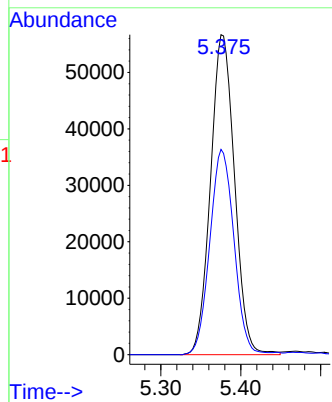
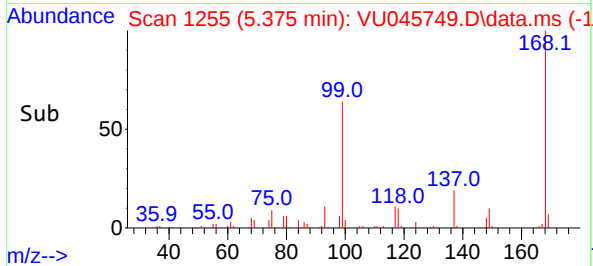


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.375 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU045749.D
Acq: 11 Nov 2021 19:18

Instrument :
MSVOA_U
ClientSampleId :
SPRING-20211109

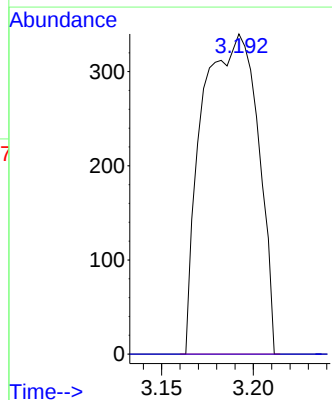
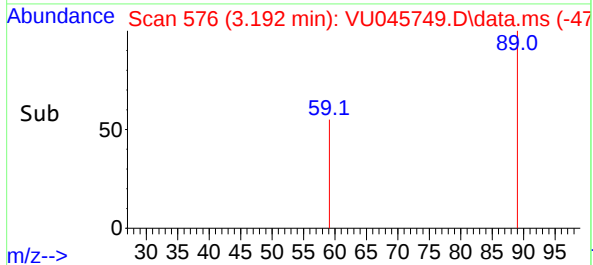
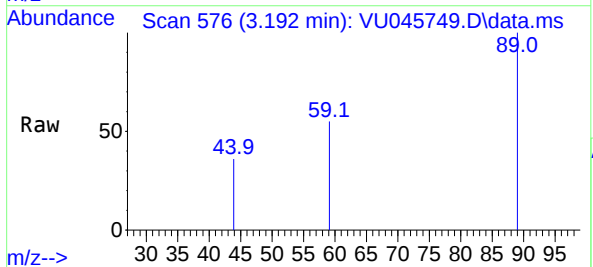


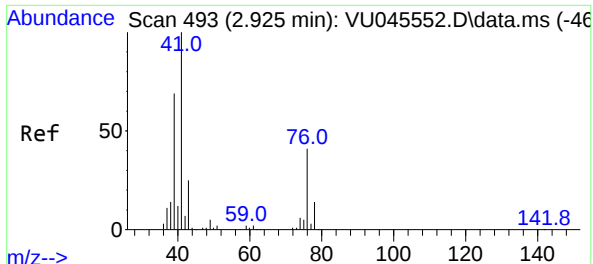
Tgt Ion:168 Resp: 118226
Ion Ratio Lower Upper
168 100
99 64.2 51.0 76.6



#11
Tert butyl alcohol
Concen: 2.052 ug/l
RT: 3.192 min Scan# 576
Delta R.T. 0.019 min
Lab File: VU045749.D
Acq: 11 Nov 2021 19:18

Tgt Ion: 59 Resp: 719
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#





#14

Allyl chloride

Concen: 0.328 ug/l

RT: 2.755 min Scan# 41

Delta R.T. -0.170 min

Lab File: VU045749.D

Acq: 11 Nov 2021 19:18

Instrument :

MSVOA_U

ClientSampleId :

SPRING-20211109

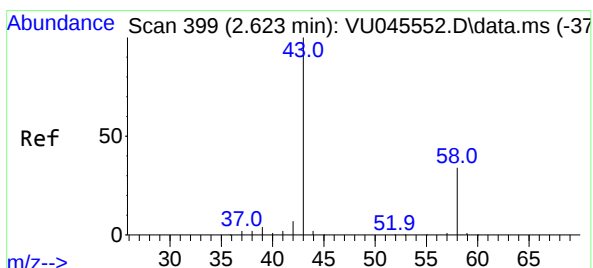
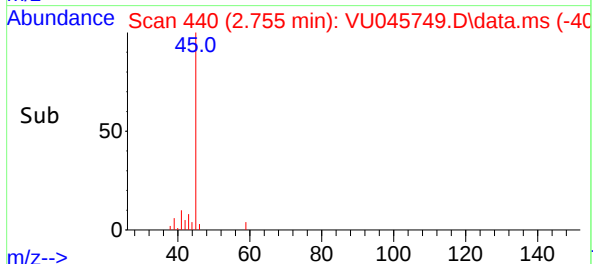
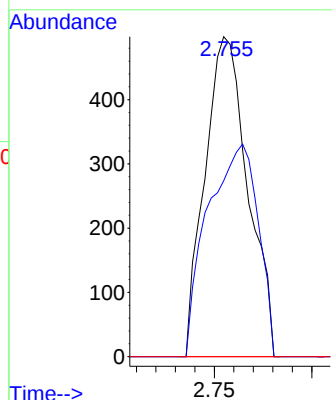
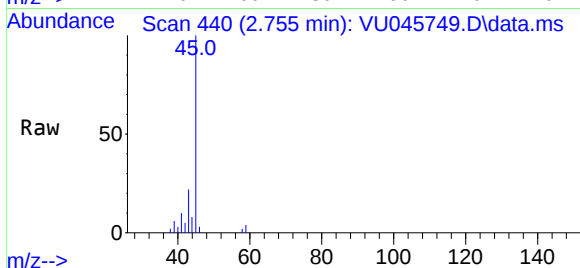
Tgt Ion: 41 Resp: 762

Ion Ratio Lower Upper

41 100

39 78.0 49.7 74.5#

76 0.0 27.7 41.5#



#16

Acetone

Concen: 1.563 ug/l

RT: 2.629 min Scan# 401

Delta R.T. 0.006 min

Lab File: VU045749.D

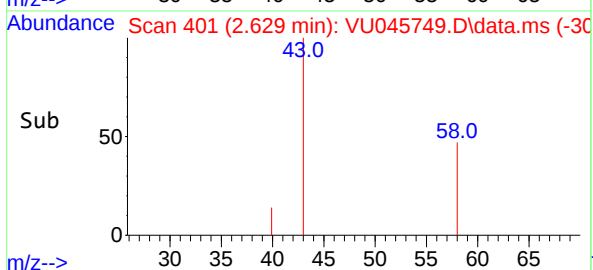
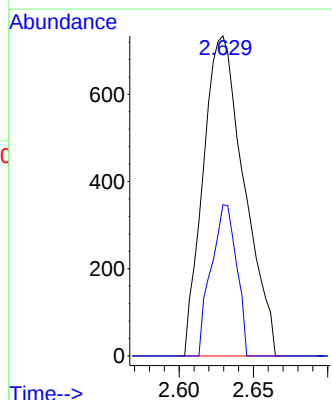
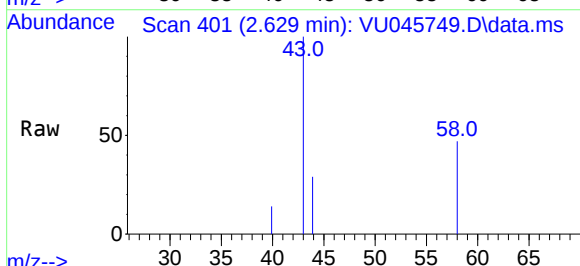
Acq: 11 Nov 2021 19:18

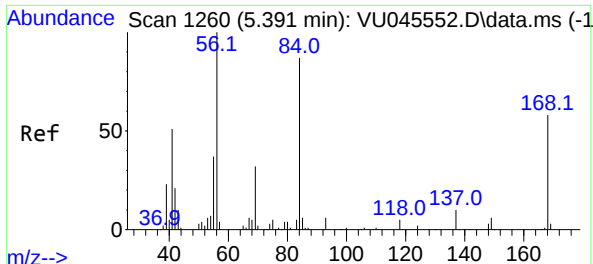
Tgt Ion: 43 Resp: 1409

Ion Ratio Lower Upper

43 100

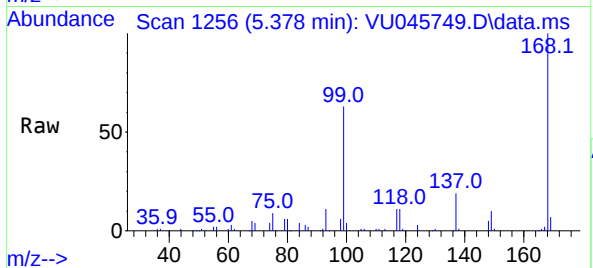
58 47.3 26.2 39.2#



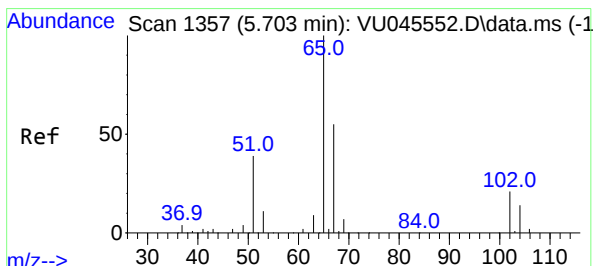
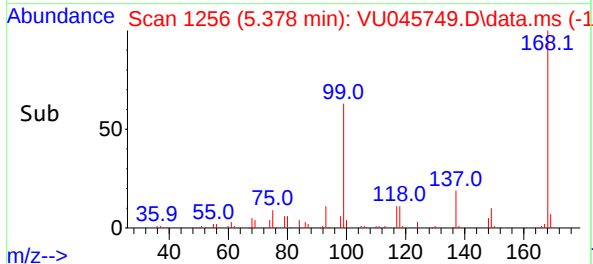
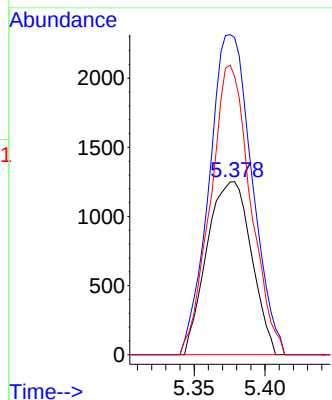


#31
Cyclohexane
Concen: 1.056 ug/l
RT: 5.378 min Scan# 11
Delta R.T. -0.013 min
Lab File: VU045749.D
Acq: 11 Nov 2021 19:18

Instrument :
MSVOA_U
ClientSampleId :
SPRING-20211109

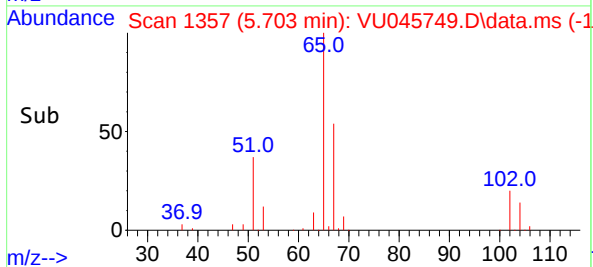
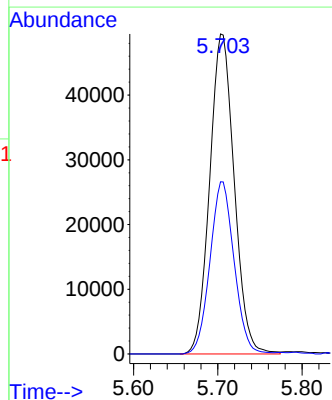
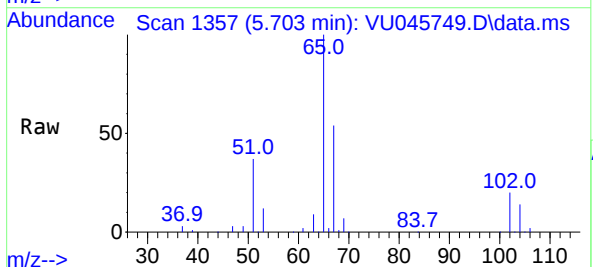


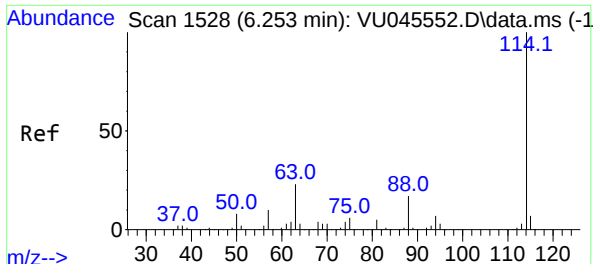
Tgt Ion: 56 Resp: 2728
Ion Ratio Lower Upper
56 100
69 183.3 26.4 39.6#
84 160.8 68.4 102.6#



#33
1,2-Dichloroethane-d4
Concen: 56.451 ug/l
RT: 5.703 min Scan# 1357
Delta R.T. 0.000 min
Lab File: VU045749.D
Acq: 11 Nov 2021 19:18

Tgt Ion: 65 Resp: 99951
Ion Ratio Lower Upper
65 100
67 52.9 0.0 105.8

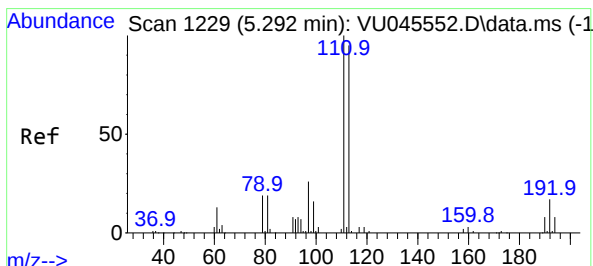
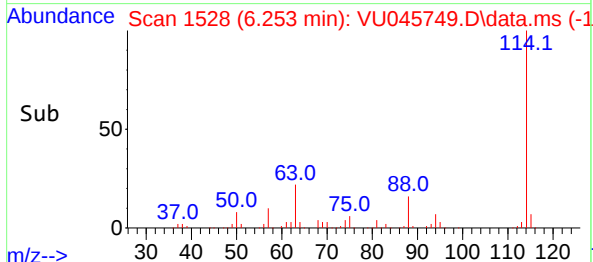
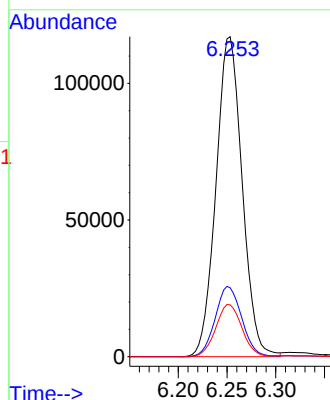
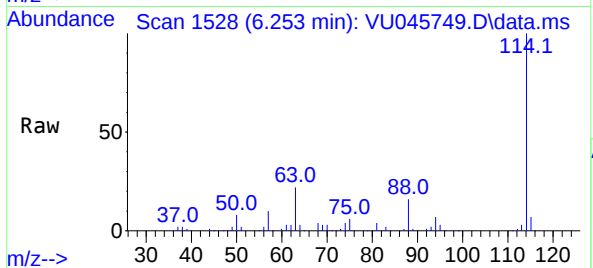




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.253 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU045749.D
Acq: 11 Nov 2021 19:18

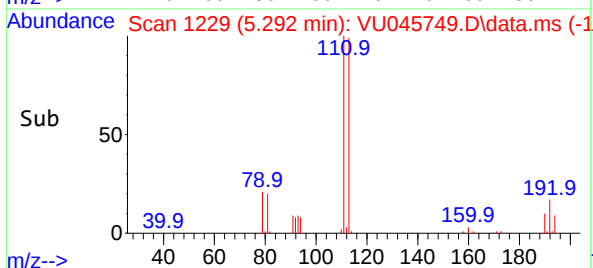
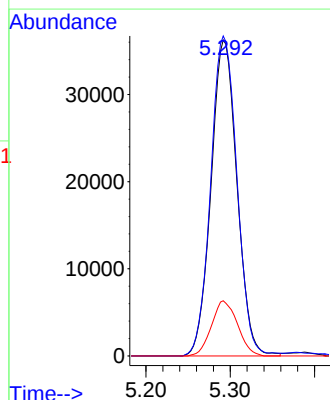
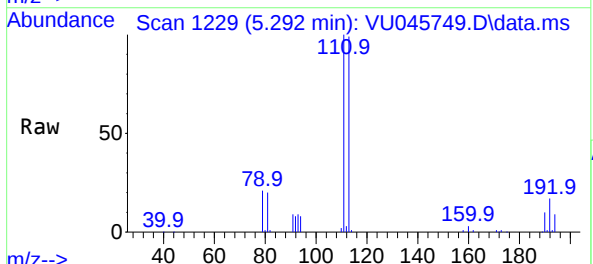
Instrument :
MSVOA_U
ClientSampleId :
SPRING-20211109

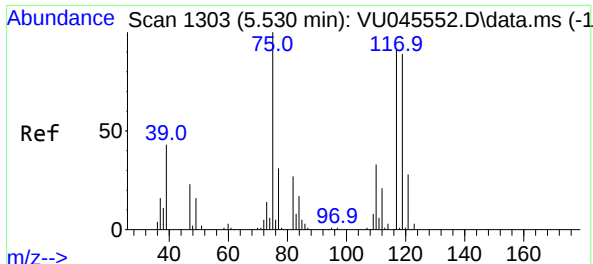
Tgt Ion:114 Resp: 218799
Ion Ratio Lower Upper
114 100
63 21.6 0.0 45.6
88 16.2 0.0 33.8



#35
Dibromofluoromethane
Concen: 52.993 ug/l
RT: 5.292 min Scan# 1229
Delta R.T. 0.000 min
Lab File: VU045749.D
Acq: 11 Nov 2021 19:18

Tgt Ion:113 Resp: 77413
Ion Ratio Lower Upper
113 100
111 102.3 82.8 124.2
192 17.5 14.8 22.2

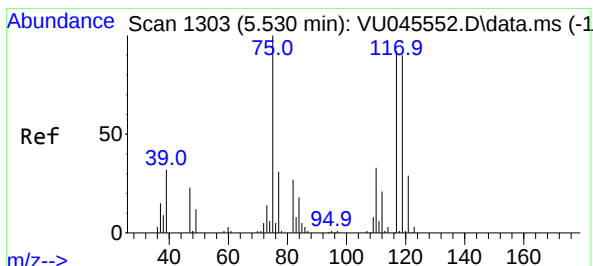
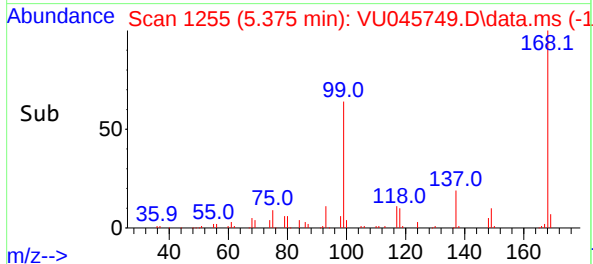
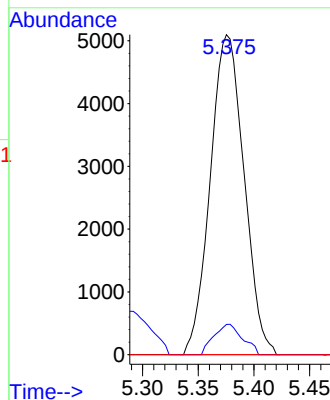
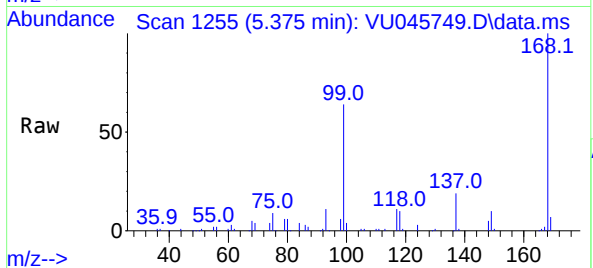




#36
1,1-Dichloropropene
Concen: 5.039 ug/l
RT: 5.375 min Scan# 11
Delta R.T. -0.154 min
Lab File: VU045749.D
Acq: 11 Nov 2021 19:18

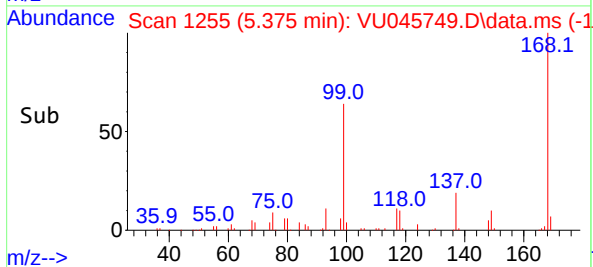
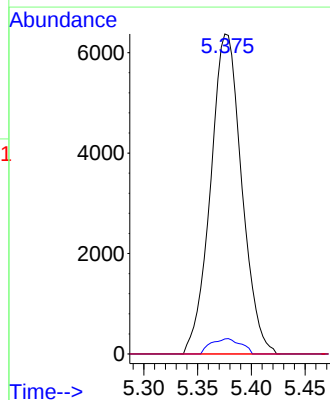
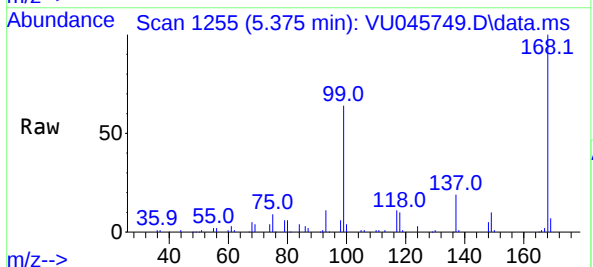
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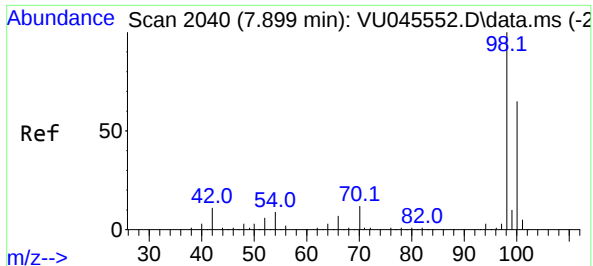
Tgt Ion: 75 Resp: 10751
Ion Ratio Lower Upper
75 100
110 8.1 16.7 50.0#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 5.972 ug/l
RT: 5.375 min Scan# 1255
Delta R.T. -0.154 min
Lab File: VU045749.D
Acq: 11 Nov 2021 19:18

Tgt Ion: 117 Resp: 12846
Ion Ratio Lower Upper
117 100
119 4.7 77.4 116.0#
121 0.0 24.8 37.2#

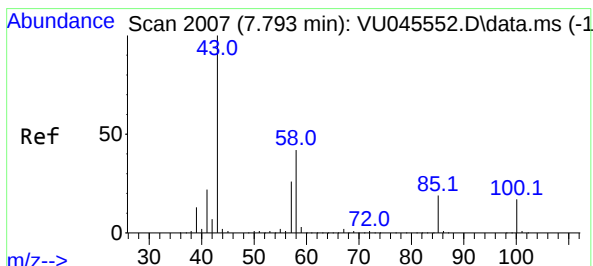
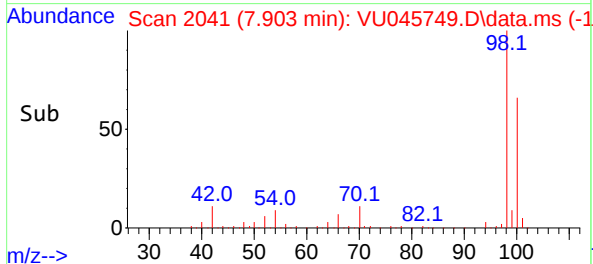
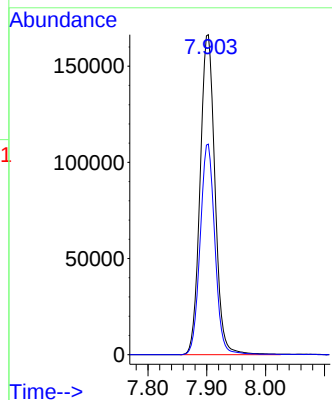
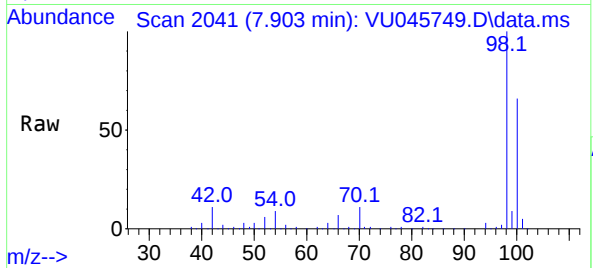




#50
Toluene-d8
Concen: 53.808 ug/l
RT: 7.903 min Scan# 2041
Delta R.T. 0.003 min
Lab File: VU045749.D
Acq: 11 Nov 2021 19:18

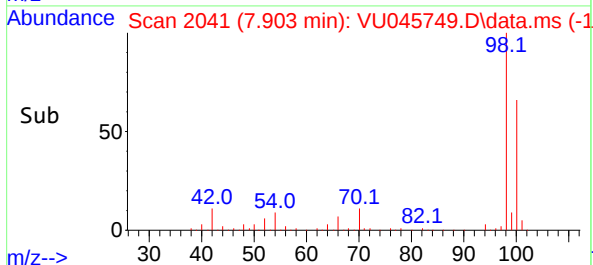
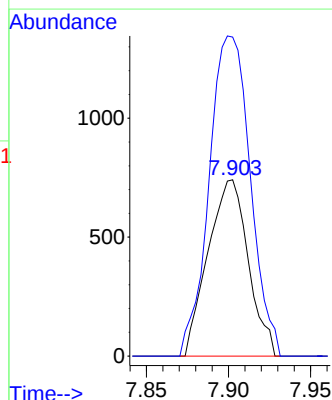
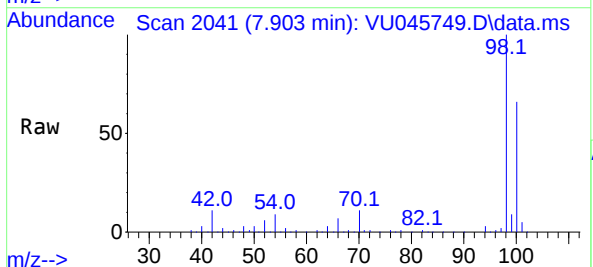
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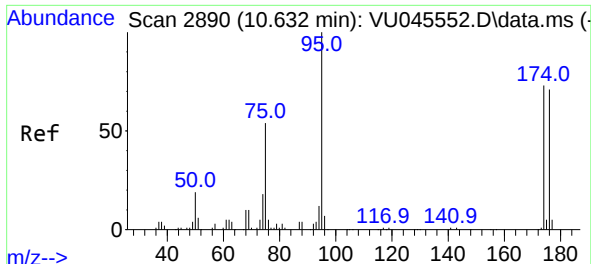
Tgt Ion: 98 Resp: 292282
Ion Ratio Lower Upper
98 100
100 65.2 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.510 ug/l
RT: 7.903 min Scan# 2041
Delta R.T. 0.109 min
Lab File: VU045749.D
Acq: 11 Nov 2021 19:18

Tgt Ion: 43 Resp: 1261
Ion Ratio Lower Upper
43 100
58 186.1 33.8 50.8#

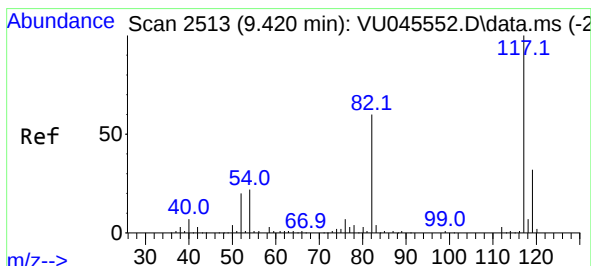
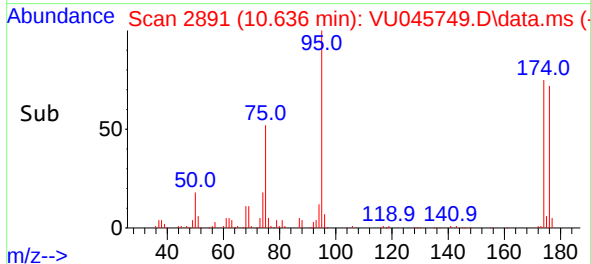
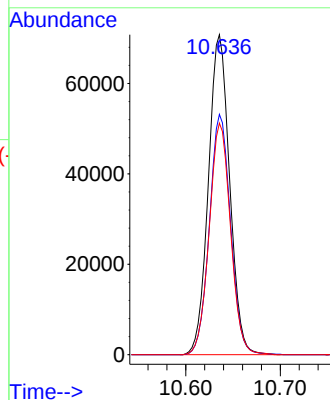
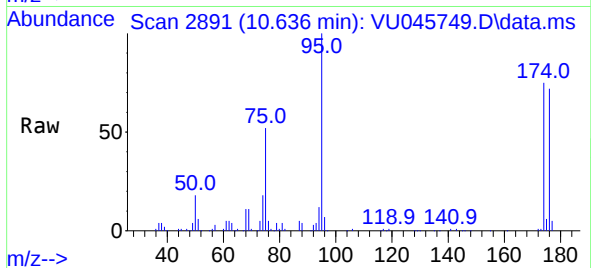




#62
4-Bromofluorobenzene
Concen: 50.663 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.003 min
Lab File: VU045749.D
Acq: 11 Nov 2021 19:18

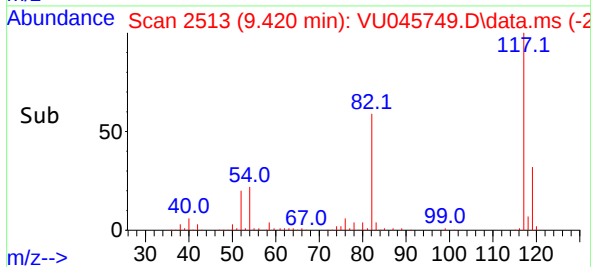
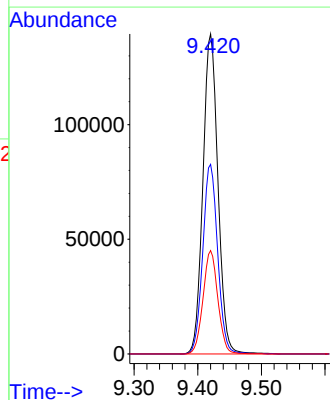
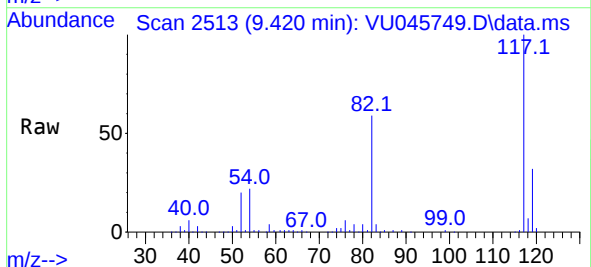
Instrument :
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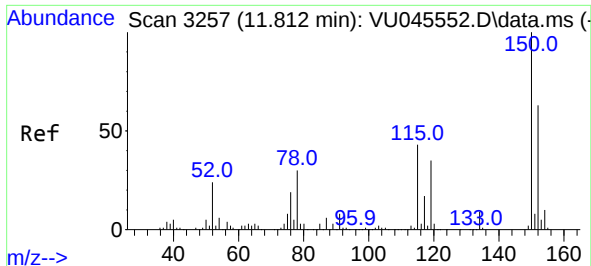
Tgt Ion: 95 Resp: 110354
Ion Ratio Lower Upper
95 100
174 75.0 0.0 141.8
176 72.6 0.0 138.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045749.D
Acq: 11 Nov 2021 19:18

Tgt Ion: 117 Resp: 229021
Ion Ratio Lower Upper
117 100
82 59.3 47.8 71.8
119 32.3 25.8 38.8

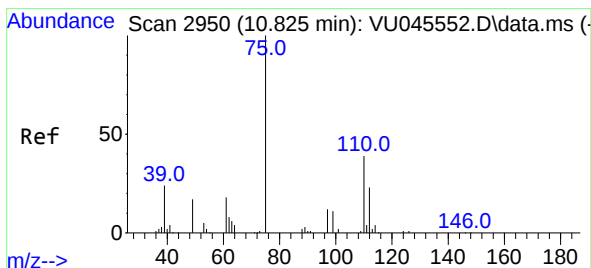
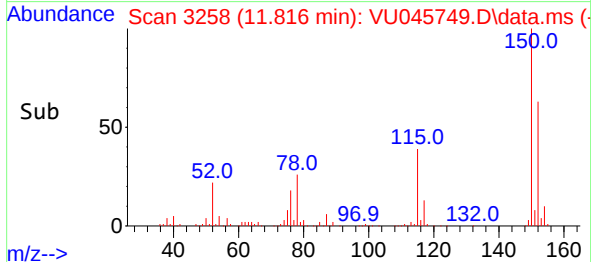
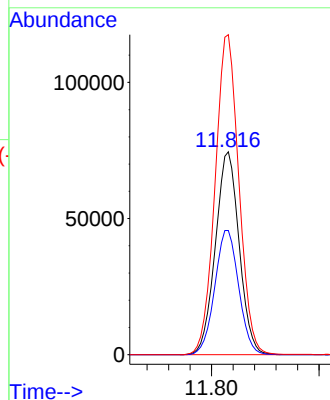
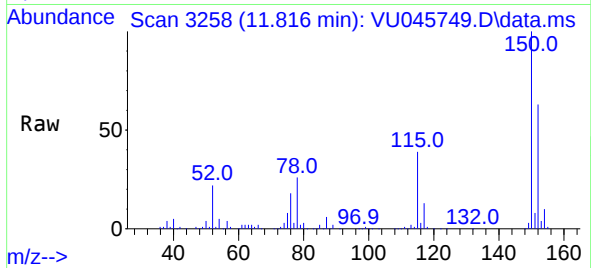




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.816 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU045749.D
 Acq: 11 Nov 2021 19:18

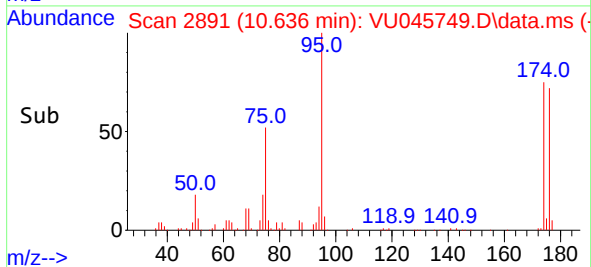
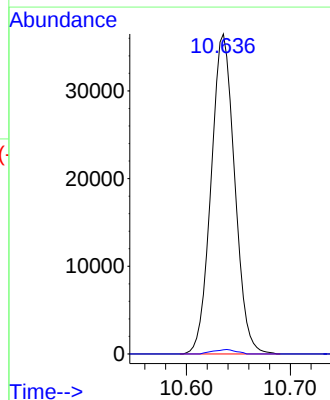
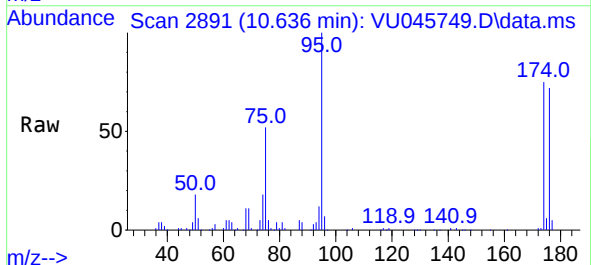
Instrument :
 MSVOA_U
 ClientSampleId :
 SPRING-20211109

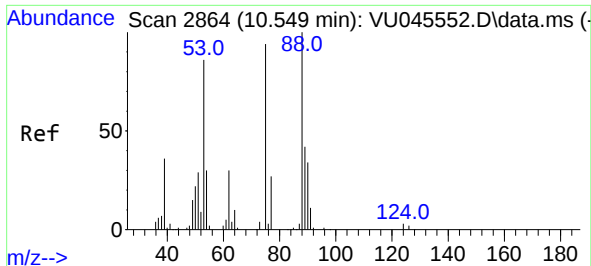
Tgt Ion:152 Resp: 114347
 Ion Ratio Lower Upper
 152 100
 115 61.7 42.7 128.1
 150 157.6 0.0 346.8



#76
 1,2,3-Trichloropropane
 Concen: 16.584 ug/l
 RT: 10.636 min Scan# 2891
 Delta R.T. -0.190 min
 Lab File: VU045749.D
 Acq: 11 Nov 2021 19:18

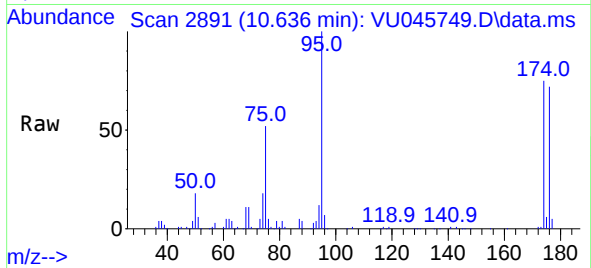
Tgt Ion: 75 Resp: 57509
 Ion Ratio Lower Upper
 75 100
 77 1.4 17.1 51.3#





#81
trans-1,4-Dichloro-2-butene
Concen: 54.070 ug/l
RT: 10.636 min Scan# 21
Delta R.T. 0.087 min
Lab File: VU045749.D
Acq: 11 Nov 2021 19:18

Instrument :
MSVOA_U
ClientSampleId :
SPRING-20211109



Tgt Ion: 75 Resp: 57509
Ion Ratio Lower Upper
75 100
53 0.0 76.2 114.4#
89 0.0 34.0 51.0#

