

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111121\
 Data File : VU045742.D
 Acq On : 11 Nov 2021 16:36
 Operator : SY/MD
 Sample : M4606-05
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 12 06:10:31 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)

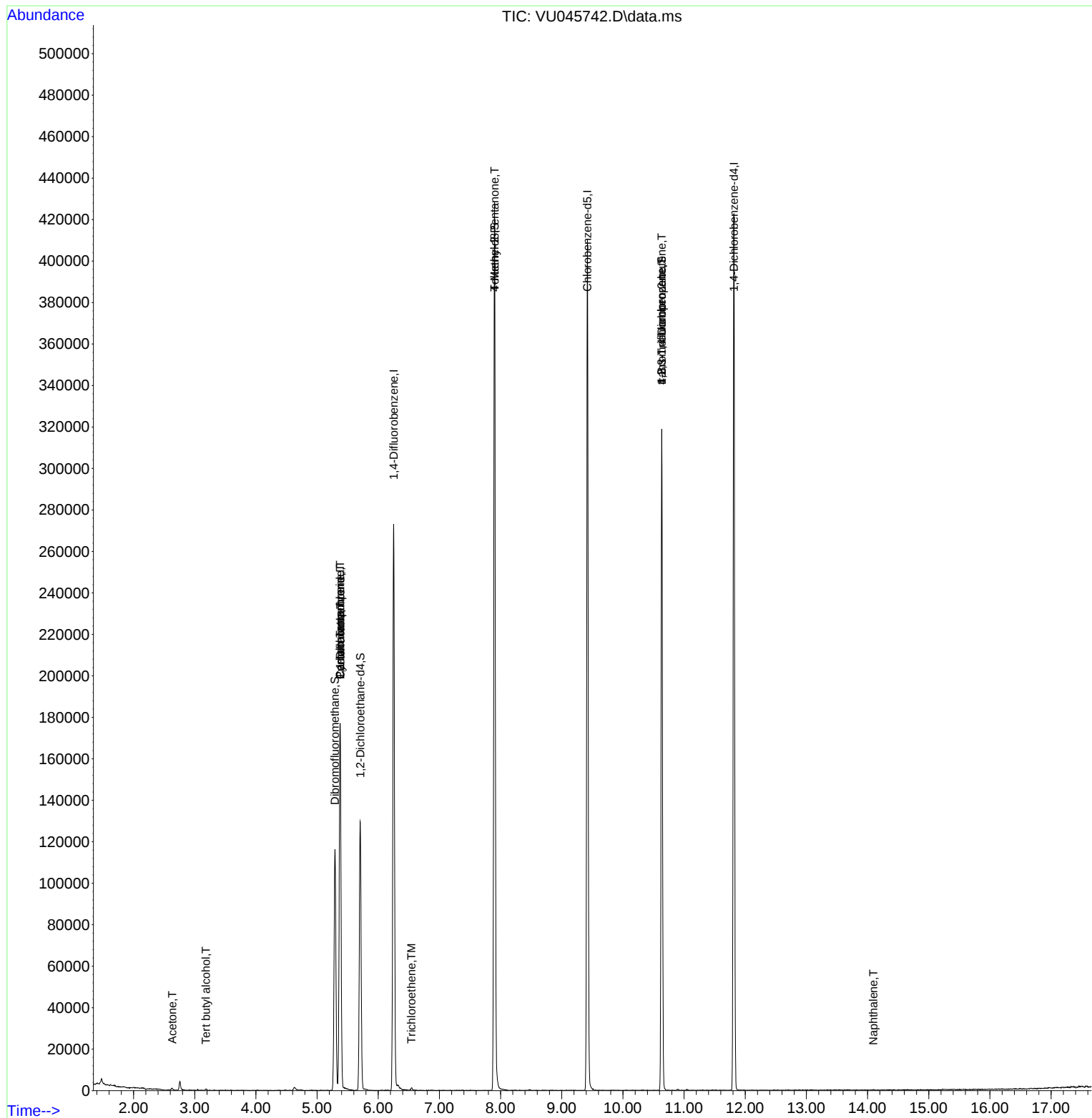
Internal Standards						
1) Pentafluorobenzene	5.379	168	115879	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	215577	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	221903	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	105587	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.707	65	95216	54.866	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 109.740%			
35) Dibromofluoromethane	5.292	113	75330	52.338	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.680%			
50) Toluene-d8	7.903	98	285065	53.263	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 106.520%			
62) 4-Bromofluorobenzene	10.636	95	103894	48.410	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 96.820%			
Target Compounds						Qvalue
11) Tert butyl alcohol	3.183	59	317	0.923	ug/l #	72
16) Acetone	2.633	43	1228	1.390	ug/l	89
31) Cyclohexane	5.379	56	2796	1.104	ug/l #	1
36) 1,1-Dichloropropene	5.375	75	10817	5.146	ug/l #	49
38) Carbon Tetrachloride	5.375	117	12685	5.986	ug/l #	16
44) Trichloroethene	6.543	130	381	0.256	ug/l	94
51) 4-Methyl-2-Pentanone	7.903	43	1101	0.452	ug/l #	1
76) 1,2,3-Trichloropropane	10.636	75	55114	17.212	ug/l #	43
81) trans-1,4-Dichloro-2-b...	10.636	75	55114	56.004	ug/l #	12
95) Naphthalene	14.095	128	187	1.050	ug/l #	69

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

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ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
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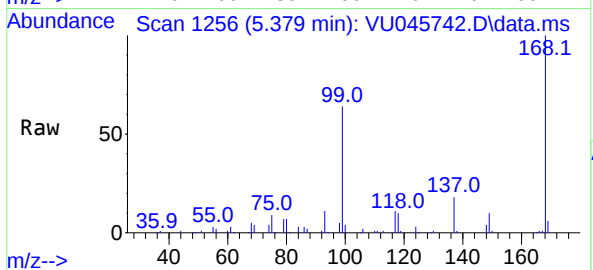
Quant Time: Nov 12 06:10:31 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U110521W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 05 13:35:16 2021
Response via : Initial Calibration



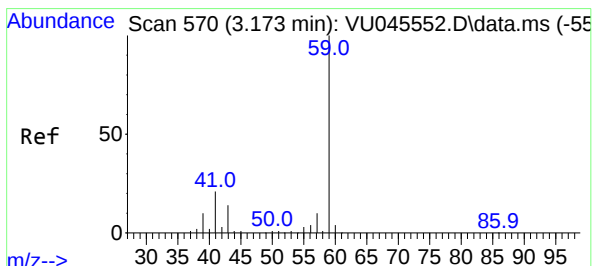
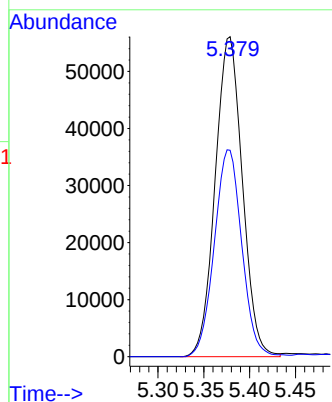
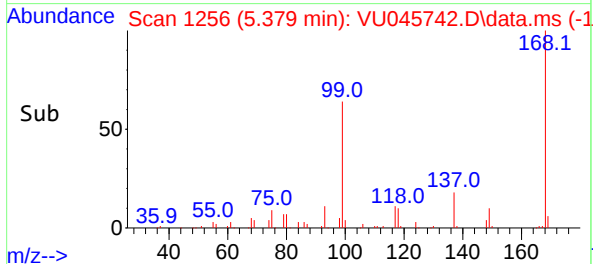


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.379 min Scan# 11
Delta R.T. 0.004 min
Lab File: VU045742.D
Acq: 11 Nov 2021 16:36

Instrument :
MSVOA_U
ClientSampleId :

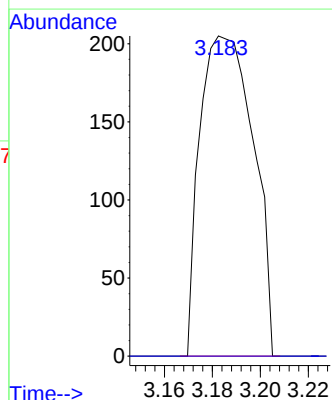
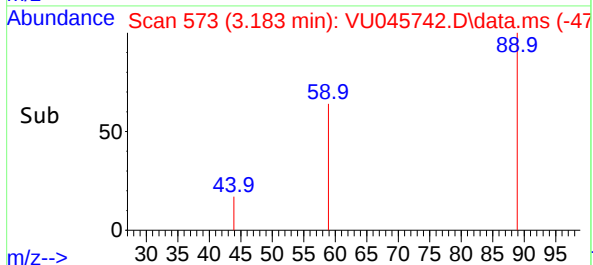
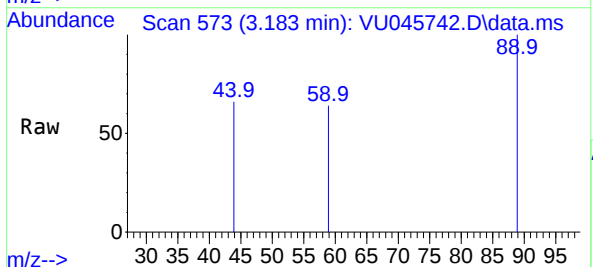


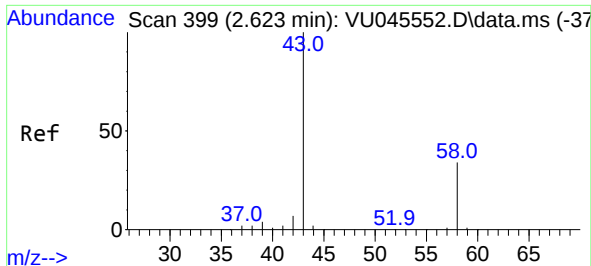
Tgt Ion:168 Resp: 115879
Ion Ratio Lower Upper
168 100
99 64.5 51.0 76.6



#11
Tert butyl alcohol
Concen: 0.923 ug/l
RT: 3.183 min Scan# 573
Delta R.T. 0.010 min
Lab File: VU045742.D
Acq: 11 Nov 2021 16:36

Tgt Ion: 59 Resp: 317
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

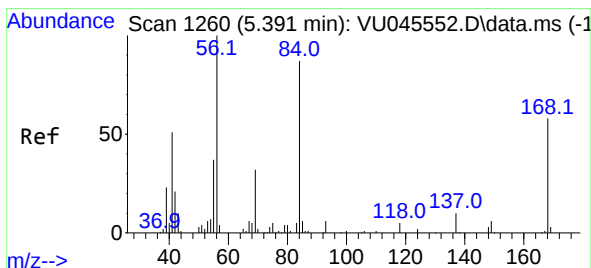
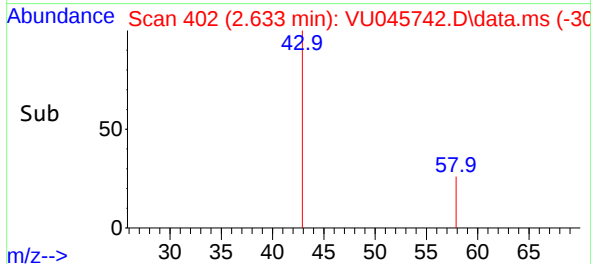
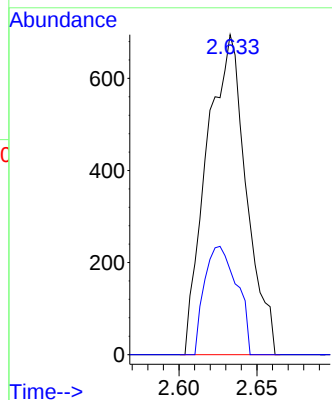
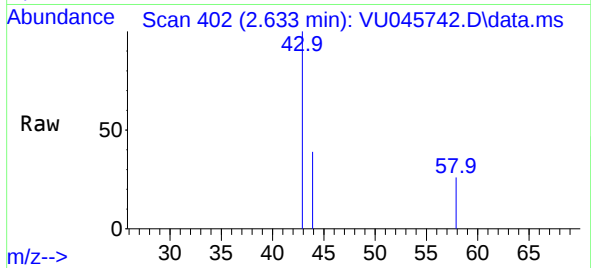




#16
Acetone
Concen: 1.390 ug/l
RT: 2.633 min Scan# 40
Delta R.T. 0.010 min
Lab File: VU045742.D
Acq: 11 Nov 2021 16:36

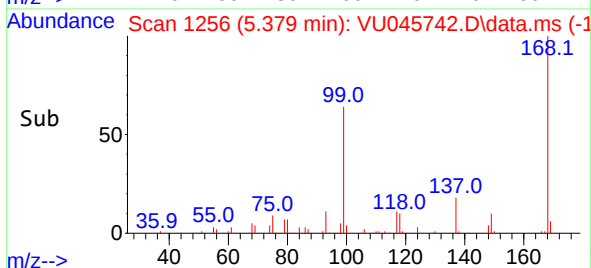
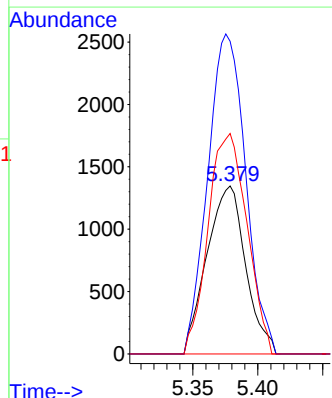
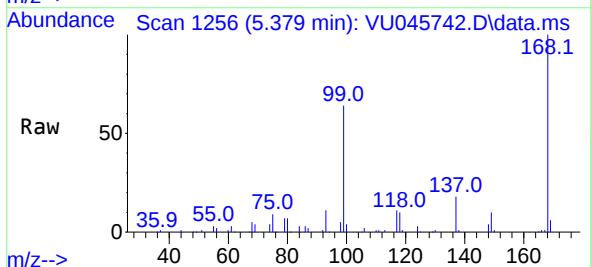
Instrument :
MSVOA_U
ClientSampleId :

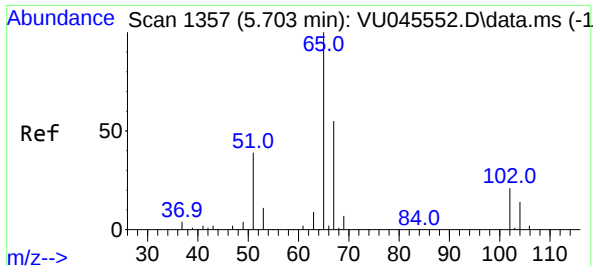
Tgt Ion: 43 Resp: 1228
Ion Ratio Lower Upper
43 100
58 26.5 26.2 39.2



#31
Cyclohexane
Concen: 1.104 ug/l
RT: 5.379 min Scan# 1256
Delta R.T. -0.013 min
Lab File: VU045742.D
Acq: 11 Nov 2021 16:36

Tgt Ion: 56 Resp: 2796
Ion Ratio Lower Upper
56 100
69 186.0 26.4 39.6#
84 131.2 68.4 102.6#





#33

1,2-Dichloroethane-d4

Concen: 54.866 ug/l

RT: 5.707 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU045742.D

Acq: 11 Nov 2021 16:36

Instrument :

MSVOA_U

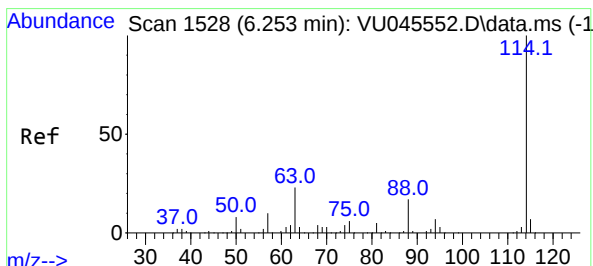
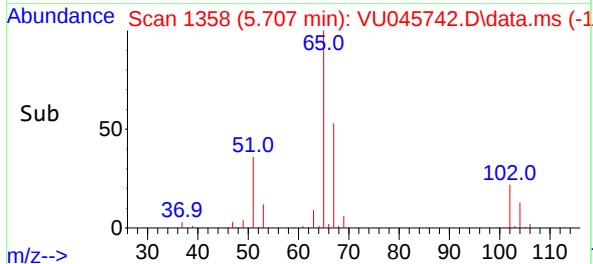
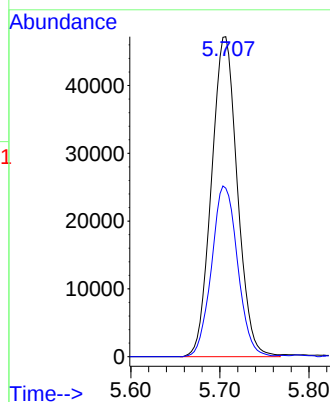
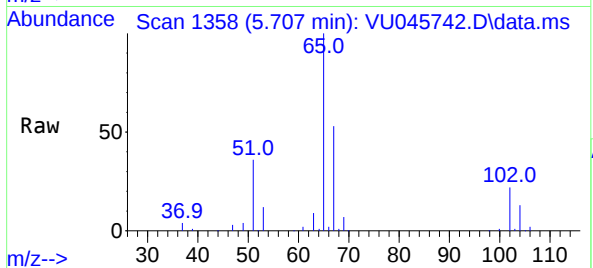
ClientSampleId :

Tgt Ion: 65 Resp: 95216

Ion Ratio Lower Upper

65 100

67 53.7 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: VU045742.D

Acq: 11 Nov 2021 16:36

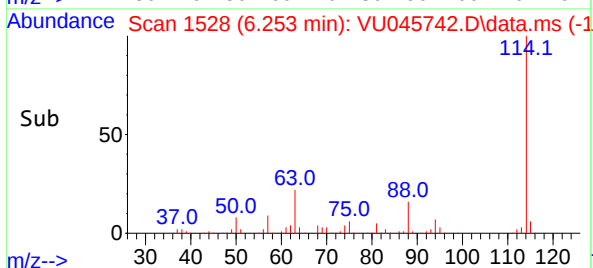
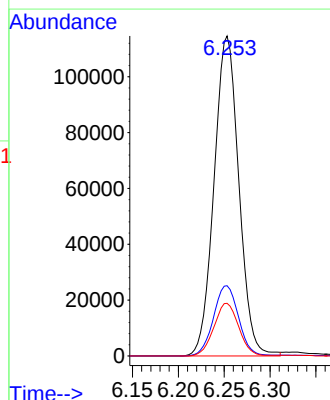
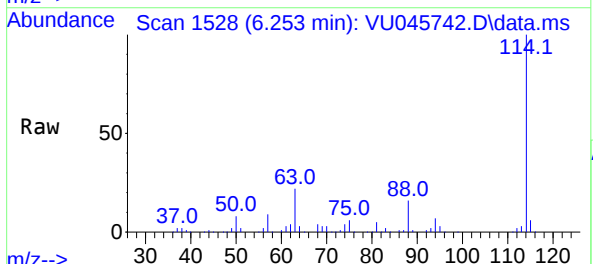
Tgt Ion: 114 Resp: 215577

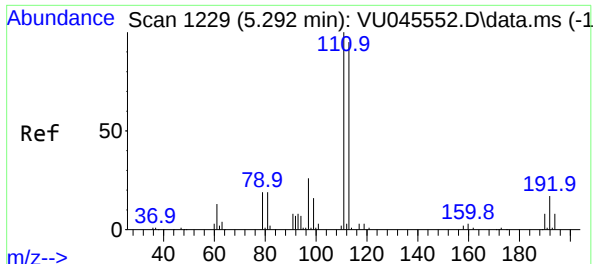
Ion Ratio Lower Upper

114 100

63 22.0 0.0 45.6

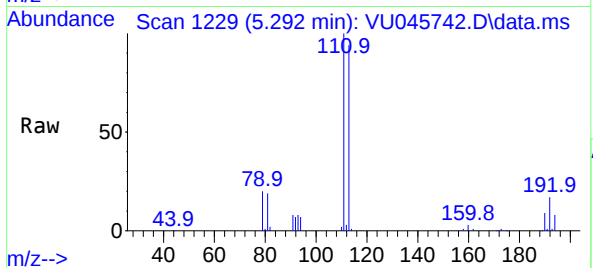
88 16.5 0.0 33.8



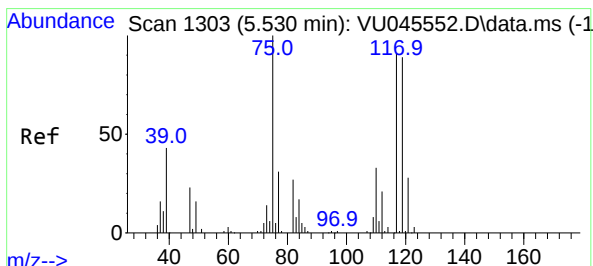
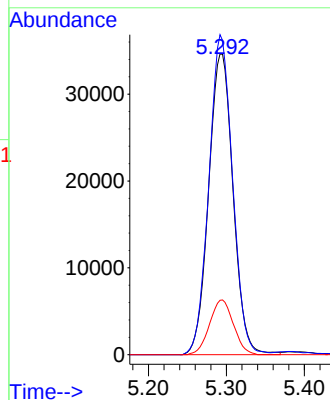
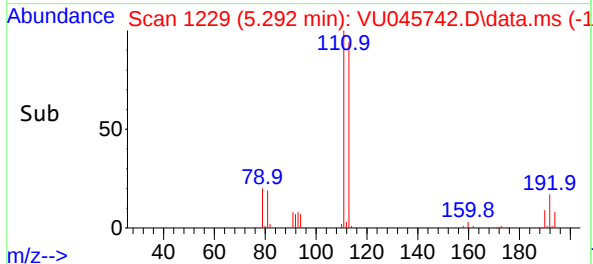


#35
Dibromofluoromethane
Concen: 52.338 ug/l
RT: 5.292 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU045742.D
Acq: 11 Nov 2021 16:36

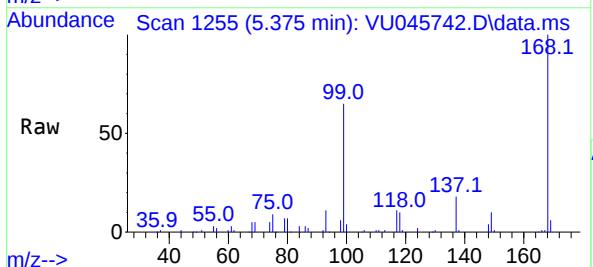
Instrument :
MSVOA_U
ClientSampleId :



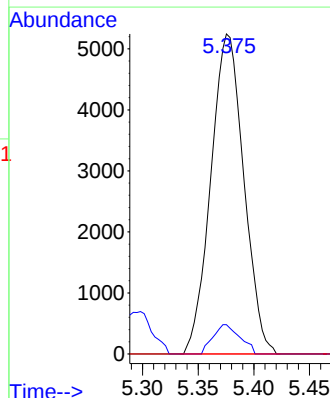
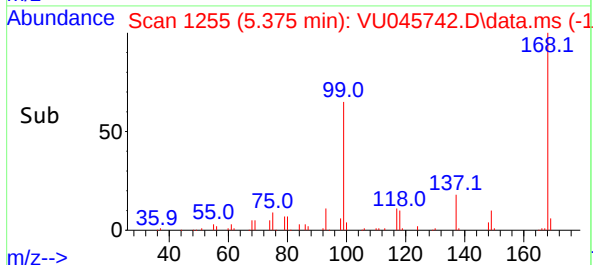
Tgt Ion:113 Resp: 75330
Ion Ratio Lower Upper
113 100
111 103.2 82.8 124.2
192 17.8 14.8 22.2

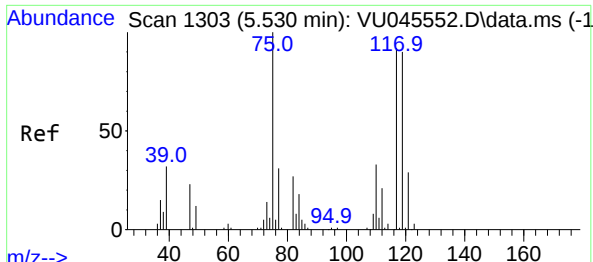


#36
1,1-Dichloropropene
Concen: 5.146 ug/l
RT: 5.375 min Scan# 1255
Delta R.T. -0.154 min
Lab File: VU045742.D
Acq: 11 Nov 2021 16:36



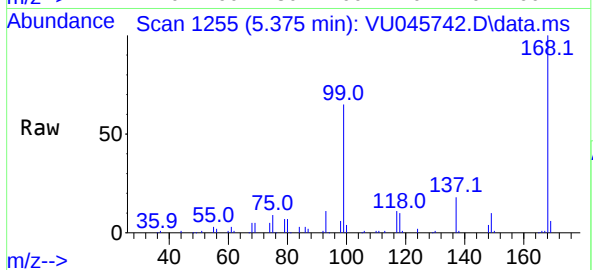
Tgt Ion: 75 Resp: 10817
Ion Ratio Lower Upper
75 100
110 7.5 16.7 50.0#
77 0.0 25.0 37.4#



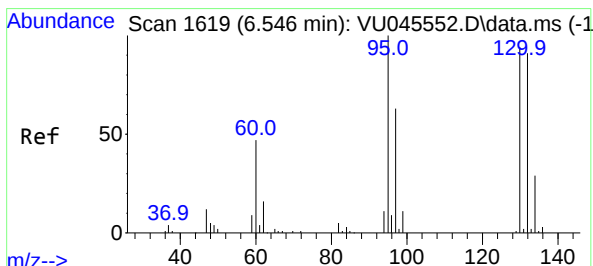
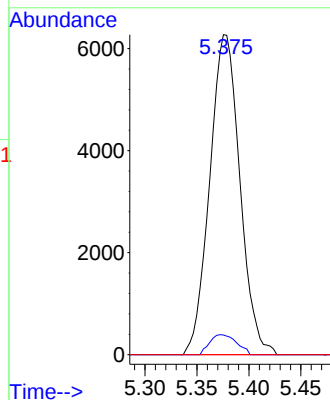
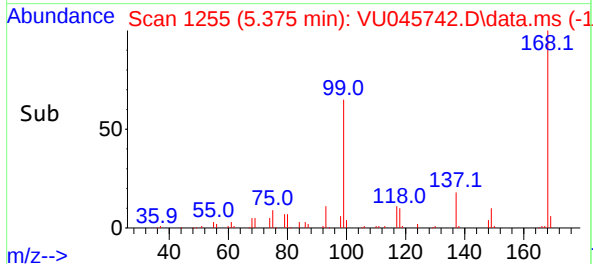


#38
Carbon Tetrachloride
Concen: 5.986 ug/l
RT: 5.375 min Scan# 11
Delta R.T. -0.154 min
Lab File: VU045742.D
Acq: 11 Nov 2021 16:36

Instrument :
MSVOA_U
ClientSampleId :

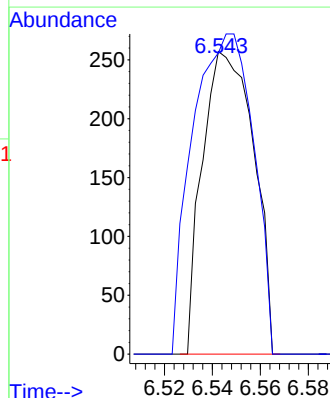
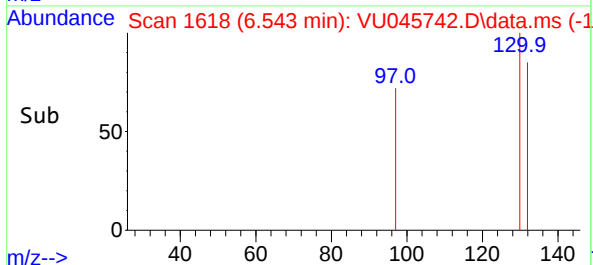
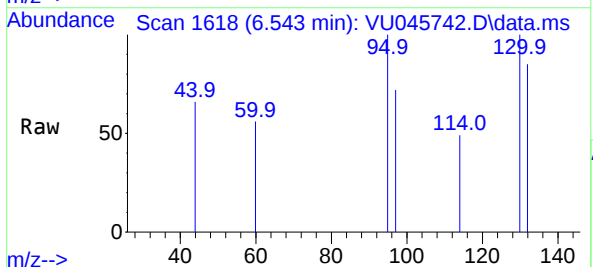


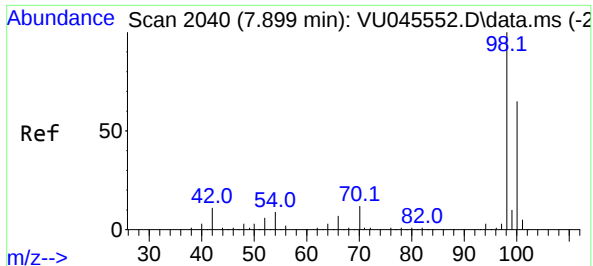
Tgt Ion:117 Resp: 12685
Ion Ratio Lower Upper
117 100
119 6.1 77.4 116.0#
121 0.0 24.8 37.2#



#44
Trichloroethene
Concen: 0.256 ug/l
RT: 6.543 min Scan# 1618
Delta R.T. -0.003 min
Lab File: VU045742.D
Acq: 11 Nov 2021 16:36

Tgt Ion:130 Resp: 381
Ion Ratio Lower Upper
130 100
95 99.6 0.0 211.4

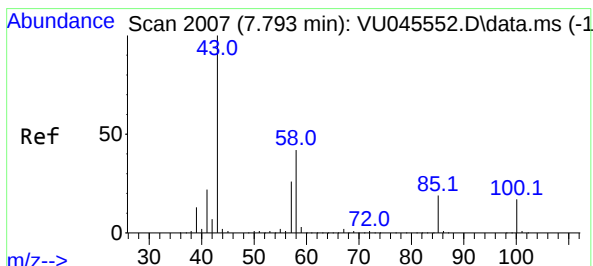
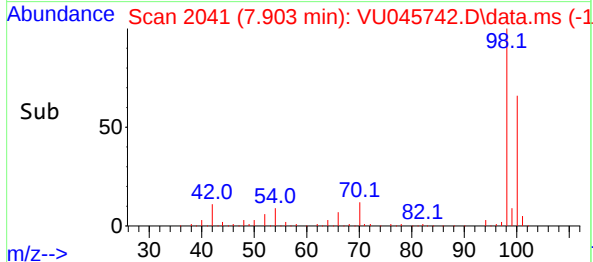
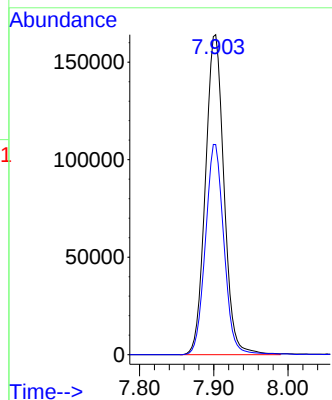
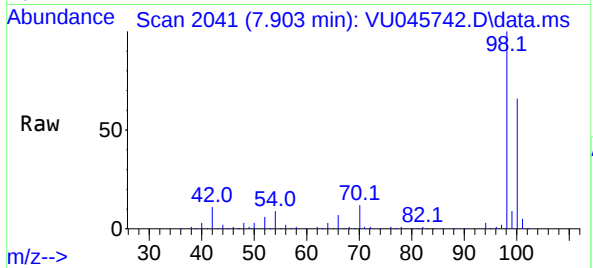




#50
Toluene-d8
Concen: 53.263 ug/l
RT: 7.903 min Scan# 2041
Delta R.T. 0.003 min
Lab File: VU045742.D
Acq: 11 Nov 2021 16:36

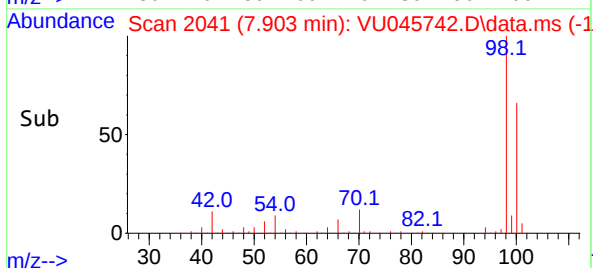
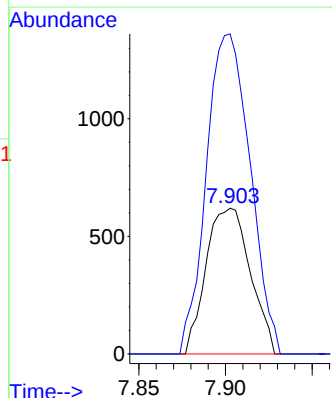
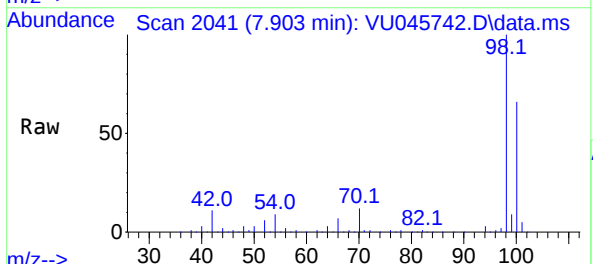
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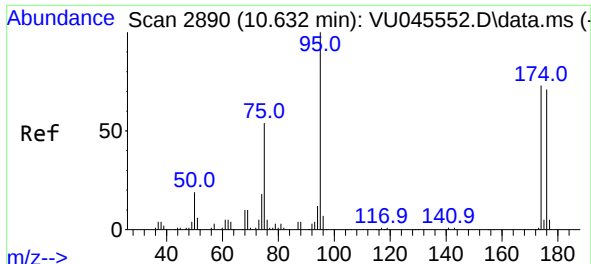
Tgt Ion: 98 Resp: 285065
Ion Ratio Lower Upper
98 100
100 65.6 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.452 ug/l
RT: 7.903 min Scan# 2041
Delta R.T. 0.109 min
Lab File: VU045742.D
Acq: 11 Nov 2021 16:36

Tgt Ion: 43 Resp: 1101
Ion Ratio Lower Upper
43 100
58 217.1 33.8 50.8

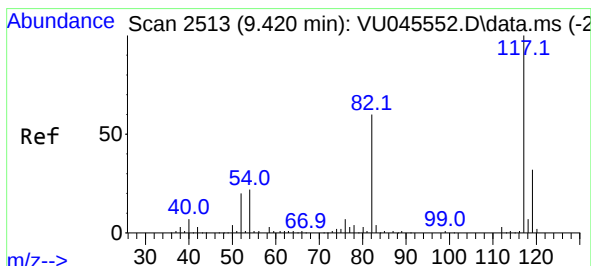
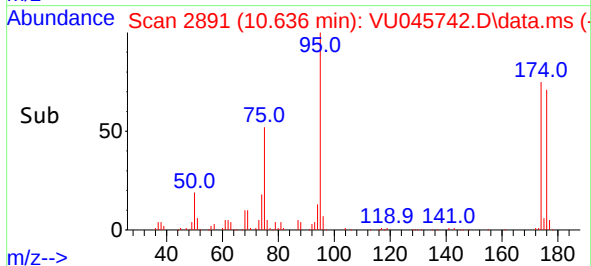
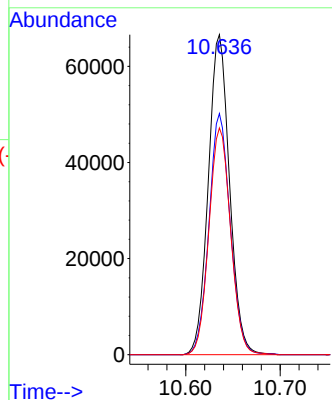
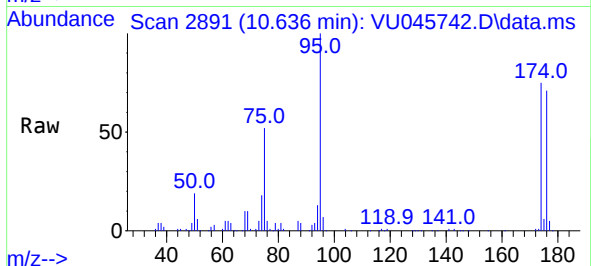




#62
4-Bromofluorobenzene
Concen: 48.410 ug/l
RT: 10.636 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU045742.D
Acq: 11 Nov 2021 16:36

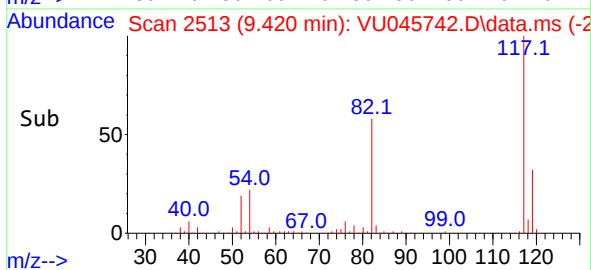
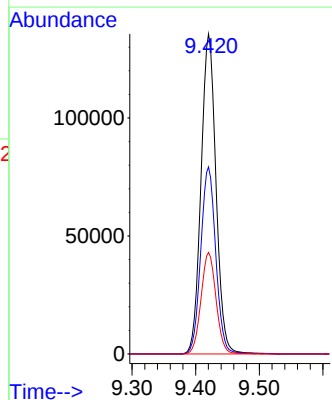
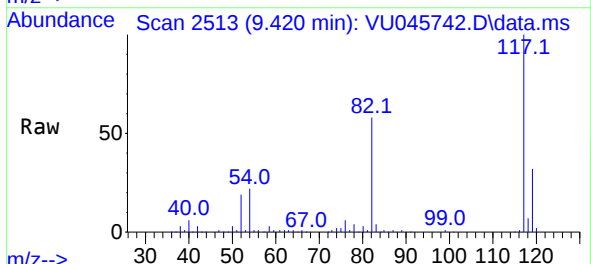
Instrument :
MSVOA_U
ClientSampleId :

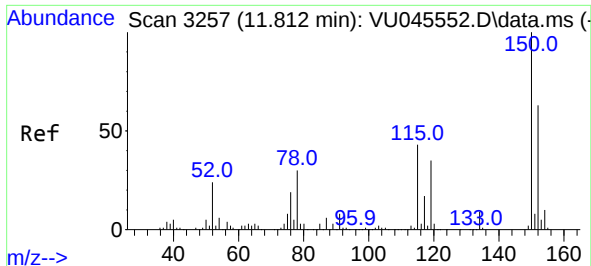
Tgt Ion: 95 Resp: 103894
Ion Ratio Lower Upper
95 100
174 75.7 0.0 141.8
176 72.5 0.0 138.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045742.D
Acq: 11 Nov 2021 16:36

Tgt Ion: 117 Resp: 221903
Ion Ratio Lower Upper
117 100
82 58.4 47.8 71.8
119 31.8 25.8 38.8

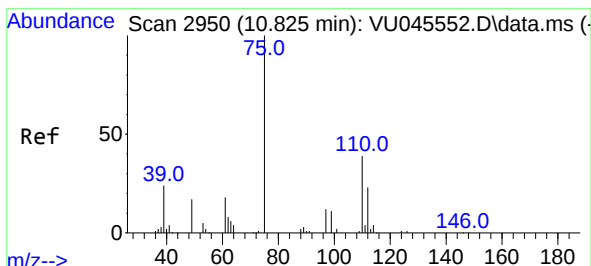
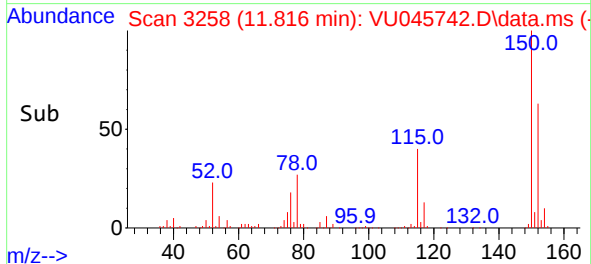
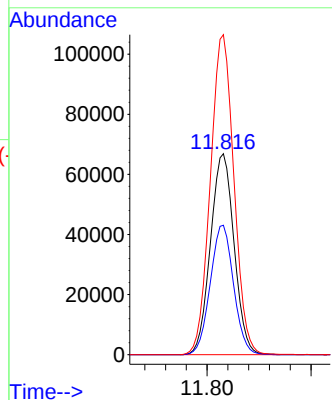
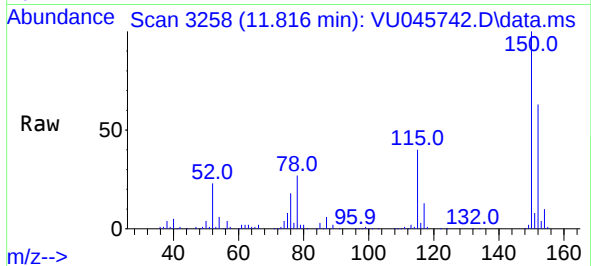




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.816 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU045742.D
 Acq: 11 Nov 2021 16:36

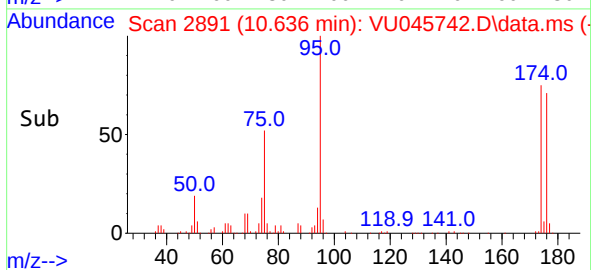
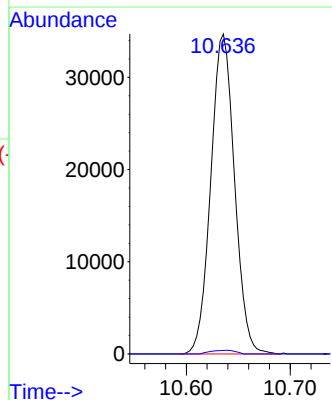
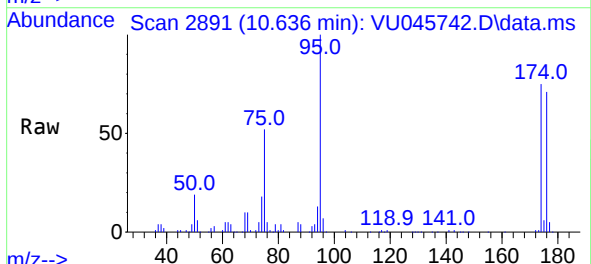
Instrument :
 MSVOA_U
 ClientSampleId :

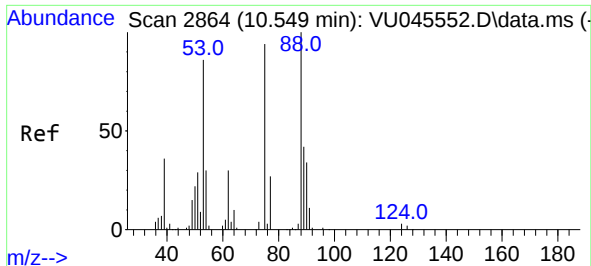
Tgt Ion:152 Resp: 105587
 Ion Ratio Lower Upper
 152 100
 115 63.6 42.7 128.1
 150 159.0 0.0 346.8



#76
 1,2,3-Trichloropropane
 Concen: 17.212 ug/l
 RT: 10.636 min Scan# 2891
 Delta R.T. -0.190 min
 Lab File: VU045742.D
 Acq: 11 Nov 2021 16:36

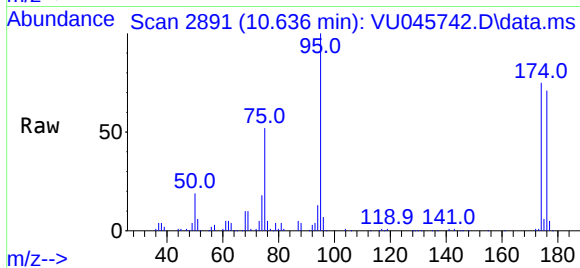
Tgt Ion: 75 Resp: 55114
 Ion Ratio Lower Upper
 75 100
 77 1.2 17.1 51.3#



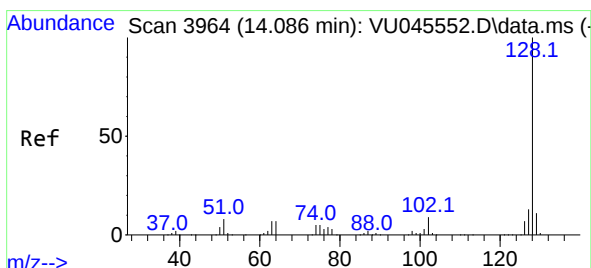
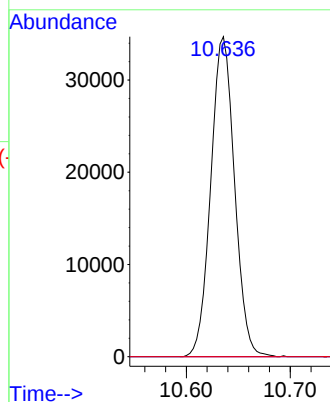
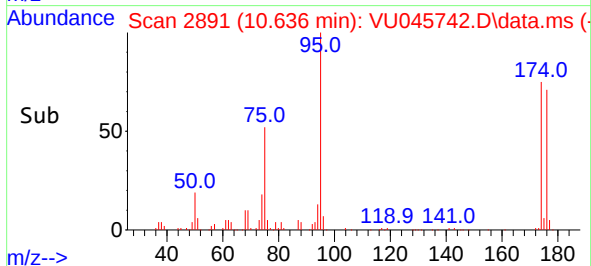


#81
trans-1,4-Dichloro-2-butene
Concen: 56.004 ug/l
RT: 10.636 min Scan# 21
Delta R.T. 0.087 min
Lab File: VU045742.D
Acq: 11 Nov 2021 16:36

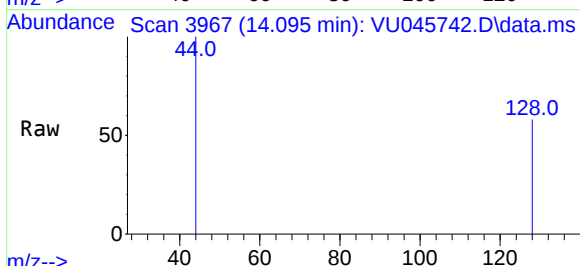
Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 75 Resp: 55114
Ion Ratio Lower Upper
75 100
53 0.0 76.2 114.4#
89 0.0 34.0 51.0#



#95
Naphthalene
Concen: 1.050 ug/l
RT: 14.095 min Scan# 3967
Delta R.T. 0.009 min
Lab File: VU045742.D
Acq: 11 Nov 2021 16:36



Tgt Ion: 128 Resp: 187
Ion Ratio Lower Upper
128 100
127 0.0 10.6 15.8#
129 0.0 8.6 13.0#

