

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111121\
 Data File : VU045747.D
 Acq On : 11 Nov 2021 18:32
 Operator : SY/MD
 Sample : M4606-10
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MH-140B-20211109

Quant Time: Nov 12 06:12:07 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)

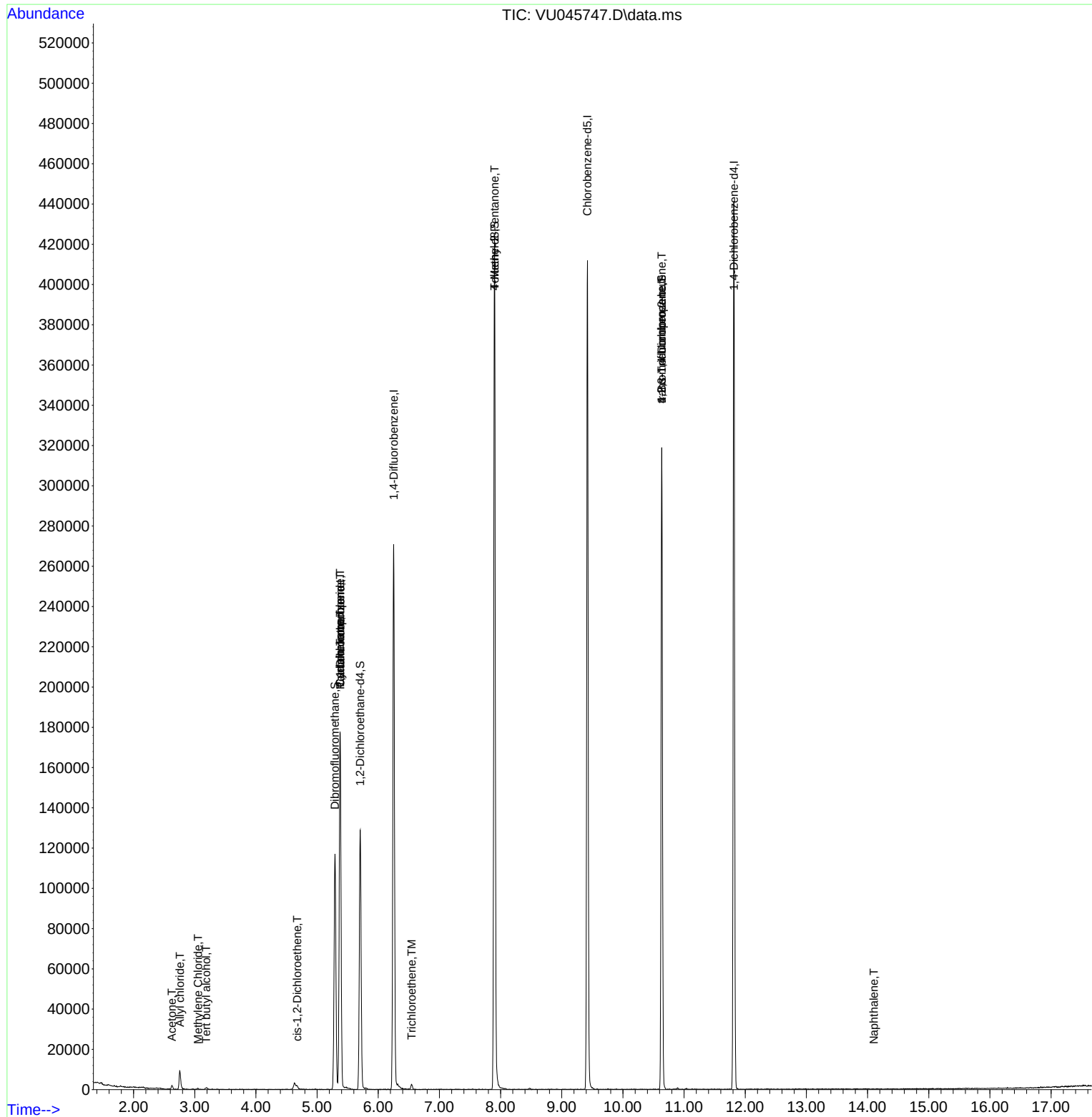
Internal Standards						
1) Pentafluorobenzene	5.378	168	115325	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	210670	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	222956	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	110583	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	95609	55.357	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery	= 110.720%		
35) Dibromofluoromethane	5.292	113	75197	53.463	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery	= 106.920%		
50) Toluene-d8	7.902	98	283190	54.145	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery	= 108.300%		
62) 4-Bromofluorobenzene	10.636	95	106516	50.788	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery	= 101.580%		
Target Compounds						Qvalue
11) Tert butyl alcohol	3.189	59	547	1.600	ug/l #	72
14) Allyl chloride	2.758	41	967	0.427	ug/l #	63
16) Acetone	2.626	43	2169	2.467	ug/l	91
20) Methylene Chloride	3.054	84	316	0.207	ug/l #	75
27) cis-1,2-Dichloroethene	4.674	96	819	0.528	ug/l	92
31) Cyclohexane	5.375	56	2447	0.971	ug/l #	1
36) 1,1-Dichloropropene	5.375	75	10280	5.004	ug/l #	50
38) Carbon Tetrachloride	5.375	117	12632	6.100	ug/l #	16
44) Trichloroethene	6.546	130	933	0.641	ug/l	95
51) 4-Methyl-2-Pentanone	7.902	43	1081	0.454	ug/l #	1
76) 1,2,3-Trichloropropane	10.636	75	56223	16.765	ug/l #	43
81) trans-1,4-Dichloro-2-b...	10.636	75	56223	54.628	ug/l #	12
95) Naphthalene	14.102	128	20	1.031	ug/l #	69

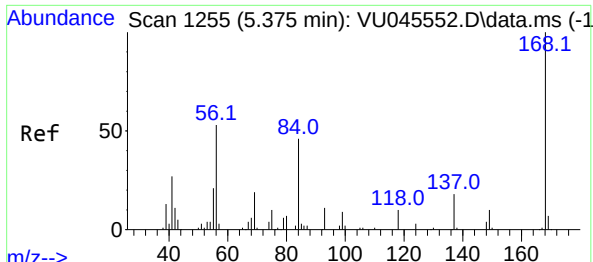
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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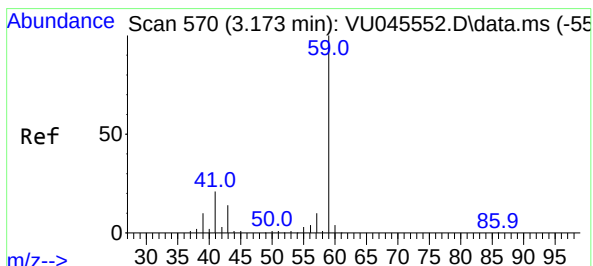
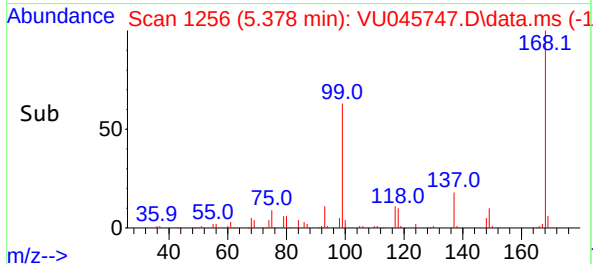
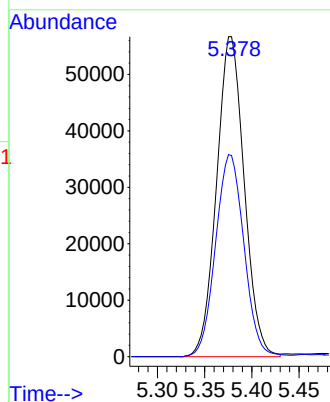
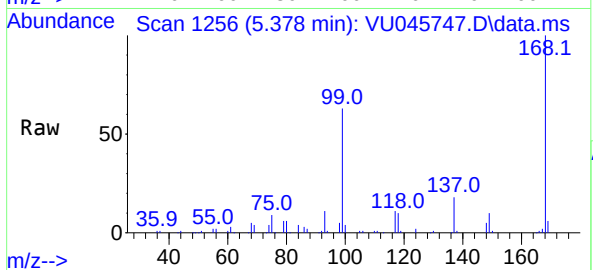




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.378 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU045747.D
Acq: 11 Nov 2021 18:32

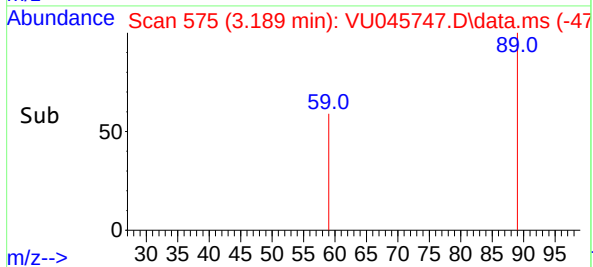
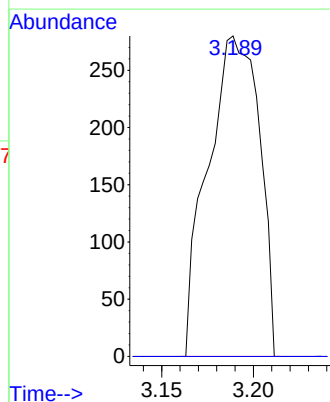
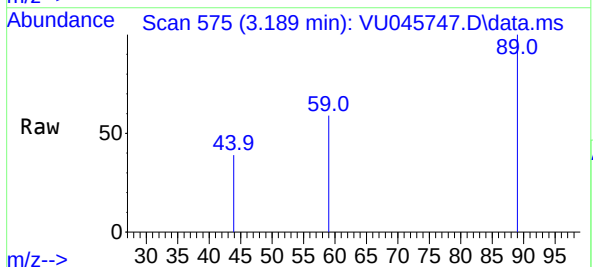
Instrument :
MSVOA_U
ClientSampleId :
MH-140B-20211109

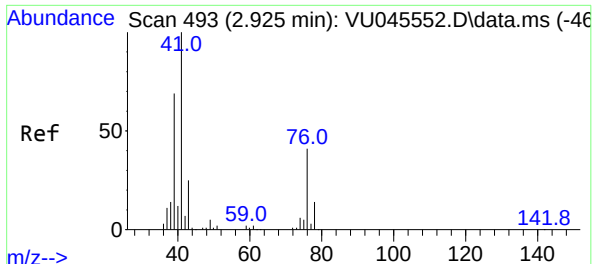
Tgt Ion:168 Resp: 115325
Ion Ratio Lower Upper
168 100
99 62.8 51.0 76.6



#11
Tert butyl alcohol
Concen: 1.600 ug/l
RT: 3.189 min Scan# 575
Delta R.T. 0.016 min
Lab File: VU045747.D
Acq: 11 Nov 2021 18:32

Tgt Ion: 59 Resp: 547
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#





#14

Allyl chloride

Concen: 0.427 ug/l

RT: 2.758 min Scan# 41

Delta R.T. -0.167 min

Lab File: VU045747.D

Acq: 11 Nov 2021 18:32

Instrument :

MSVOA_U

ClientSampleId :

MH-140B-20211109

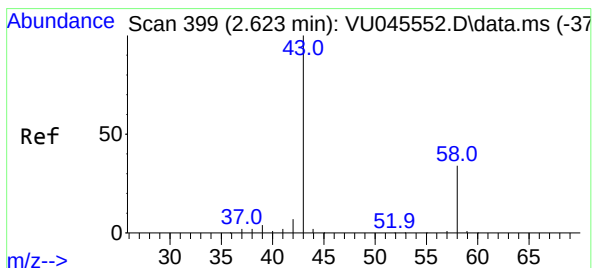
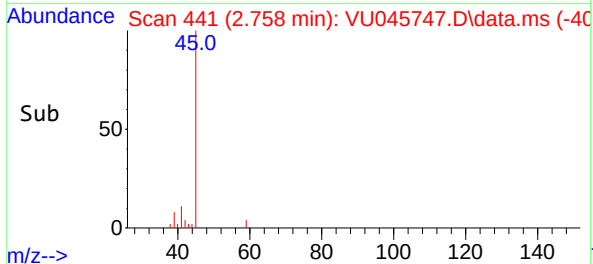
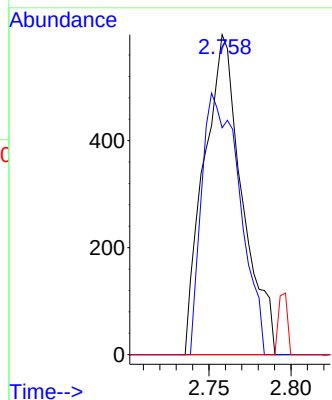
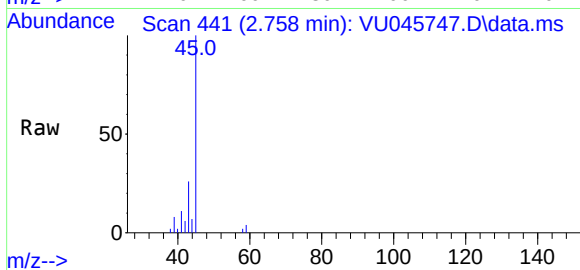
Tgt Ion: 41 Resp: 967

Ion Ratio Lower Upper

41 100

39 81.2 49.7 74.5#

76 0.0 27.7 41.5#



#16

Acetone

Concen: 2.467 ug/l

RT: 2.626 min Scan# 400

Delta R.T. 0.003 min

Lab File: VU045747.D

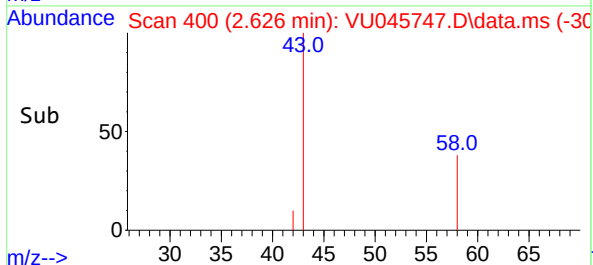
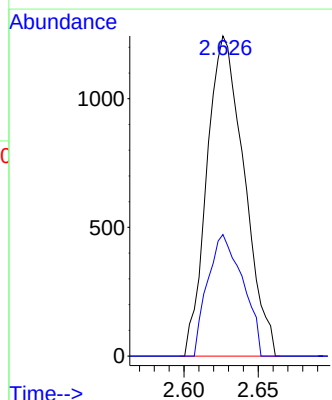
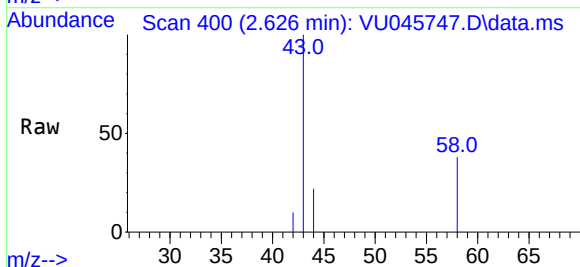
Acq: 11 Nov 2021 18:32

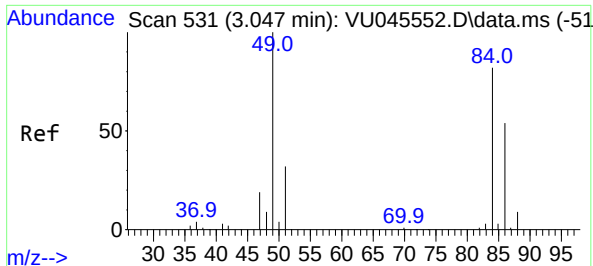
Tgt Ion: 43 Resp: 2169

Ion Ratio Lower Upper

43 100

58 37.9 26.2 39.2



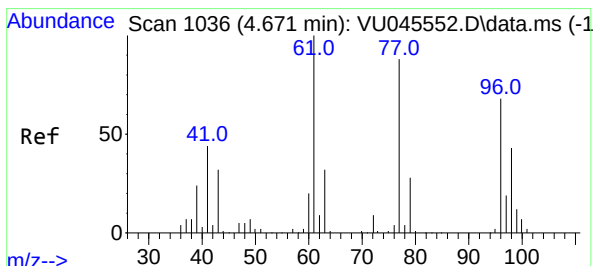
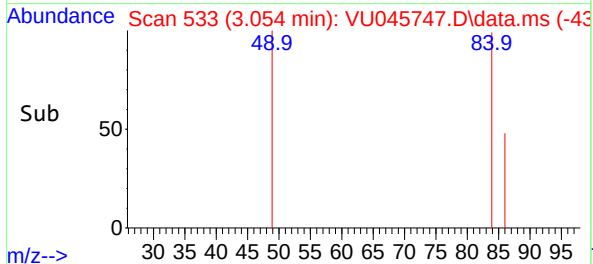
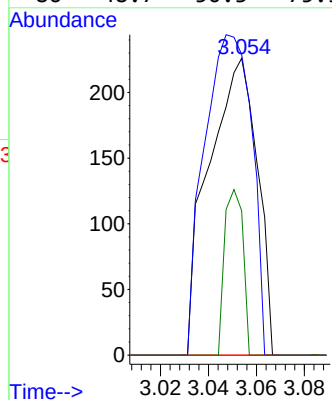
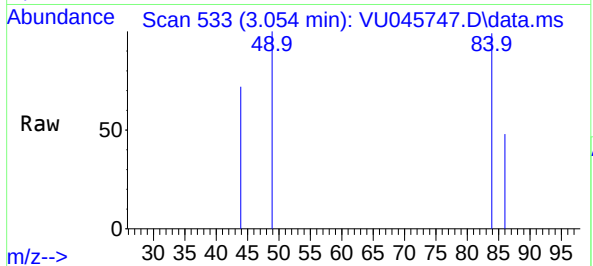


#20
Methylene Chloride
Concen: 0.207 ug/l
RT: 3.054 min Scan# 51
Delta R.T. 0.006 min
Lab File: VU045747.D
Acq: 11 Nov 2021 18:32

Instrument :
MSVOA_U
ClientSampleId :
MH-140B-20211109

Tgt Ion: 84 Resp: 316

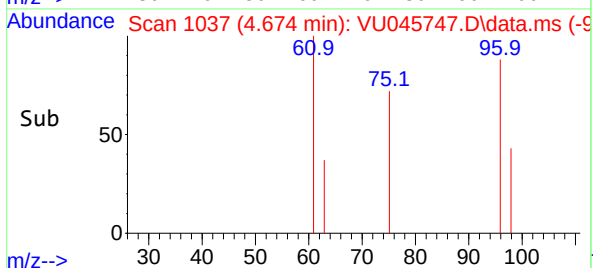
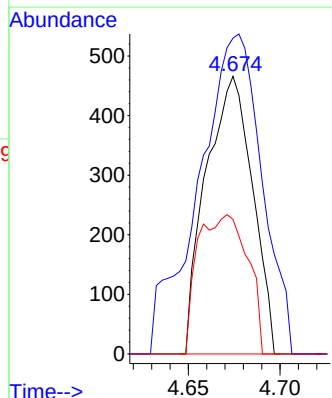
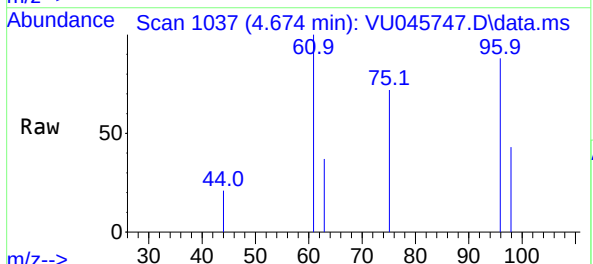
Ion	Ratio	Lower	Upper
84	100		
49	101.3	96.4	144.6
51	0.0	30.5	45.7#
86	48.7	50.3	75.5#

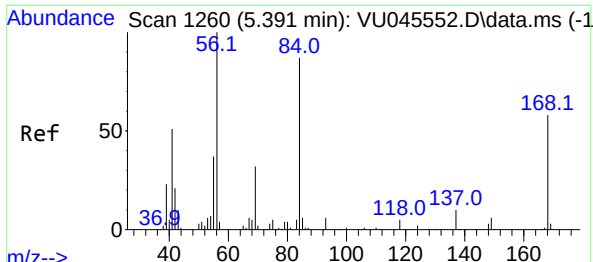


#27
cis-1,2-Dichloroethene
Concen: 0.528 ug/l
RT: 4.674 min Scan# 1037
Delta R.T. 0.003 min
Lab File: VU045747.D
Acq: 11 Nov 2021 18:32

Tgt Ion: 96 Resp: 819

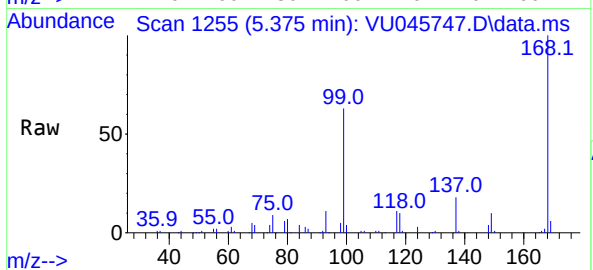
Ion	Ratio	Lower	Upper
96	100		
61	157.5	0.0	299.2
98	53.8	0.0	127.6



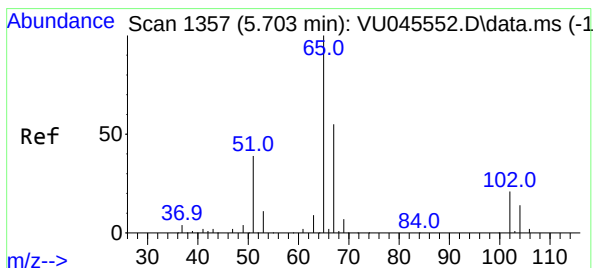
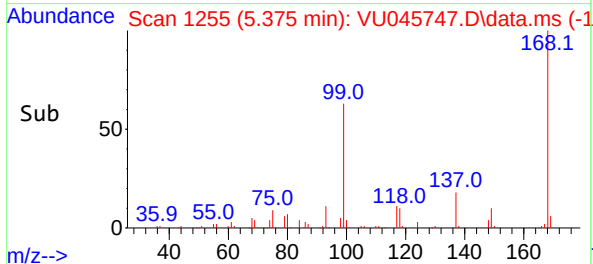
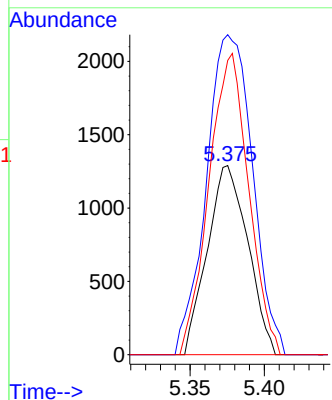


#31
Cyclohexane
Concen: 0.971 ug/l
RT: 5.375 min Scan# 11
Delta R.T. -0.016 min
Lab File: VU045747.D
Acq: 11 Nov 2021 18:32

Instrument :
MSVOA_U
ClientSampleId :
MH-140B-20211109

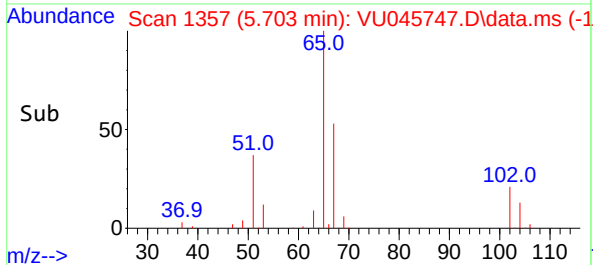
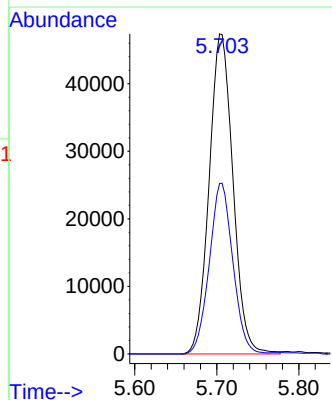
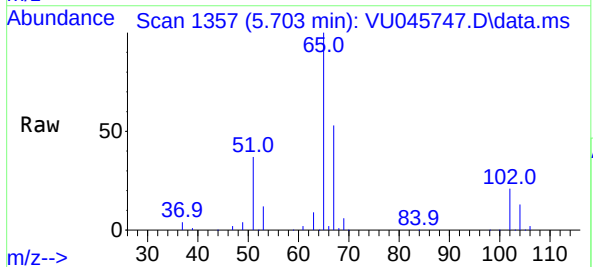


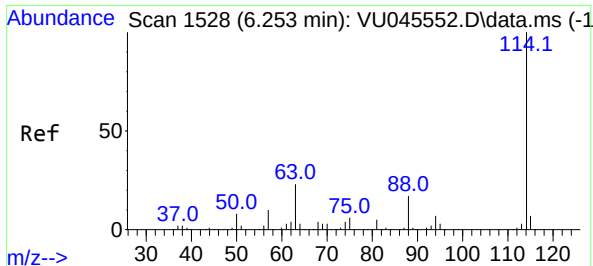
Tgt Ion: 56 Resp: 2447
Ion Ratio Lower Upper
56 100
69 158.4 26.4 39.6#
84 155.5 68.4 102.6#



#33
1,2-Dichloroethane-d4
Concen: 55.357 ug/l
RT: 5.703 min Scan# 1357
Delta R.T. -0.000 min
Lab File: VU045747.D
Acq: 11 Nov 2021 18:32

Tgt Ion: 65 Resp: 95609
Ion Ratio Lower Upper
65 100
67 52.6 0.0 105.8

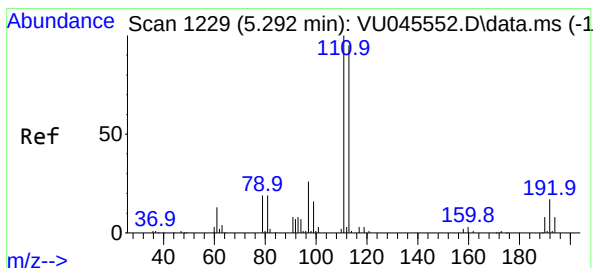
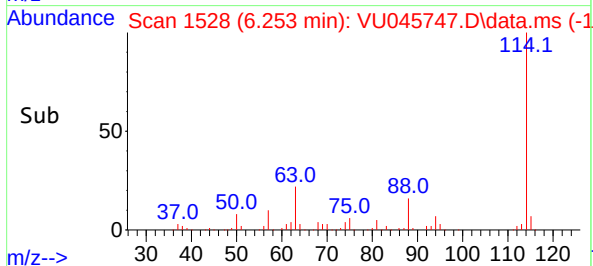
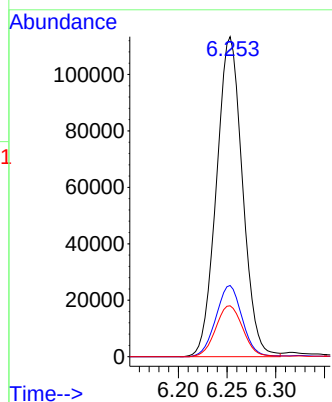
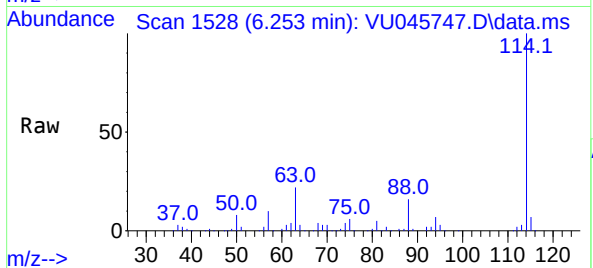




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.253 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU045747.D
Acq: 11 Nov 2021 18:32

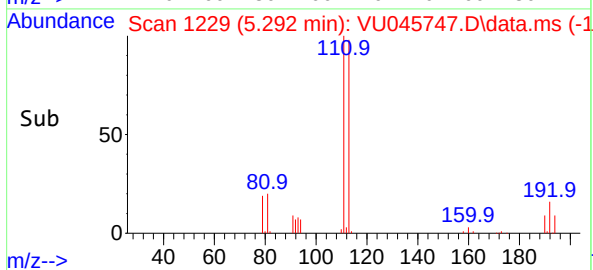
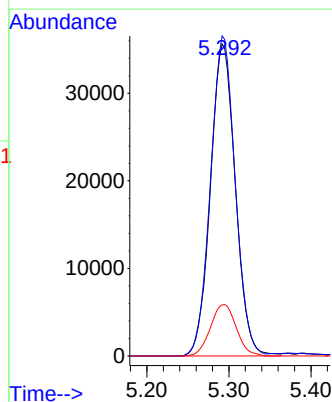
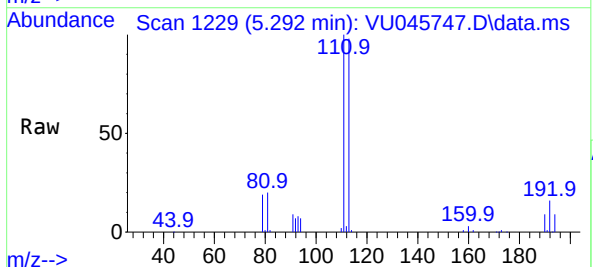
Instrument :
MSVOA_U
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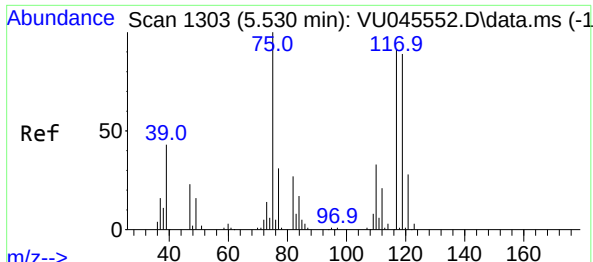
Tgt Ion:114 Resp: 210670
Ion Ratio Lower Upper
114 100
63 22.2 0.0 45.6
88 15.9 0.0 33.8



#35
Dibromofluoromethane
Concen: 53.463 ug/l
RT: 5.292 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VU045747.D
Acq: 11 Nov 2021 18:32

Tgt Ion:113 Resp: 75197
Ion Ratio Lower Upper
113 100
111 101.8 82.8 124.2
192 17.1 14.8 22.2





#36

1,1-Dichloropropene

Concen: 5.004 ug/l

RT: 5.375 min Scan# 1

Delta R.T. -0.154 min

Lab File: VU045747.D

Acq: 11 Nov 2021 18:32

Instrument :

MSVOA_U

ClientSampleId :

MH-140B-20211109

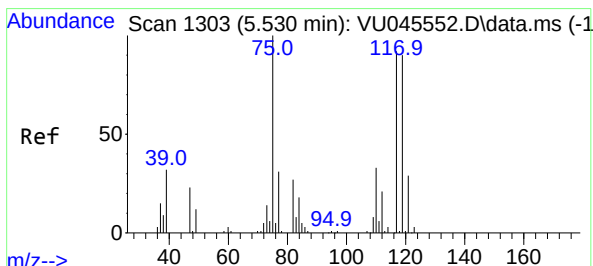
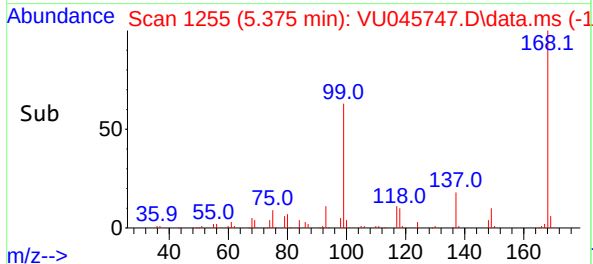
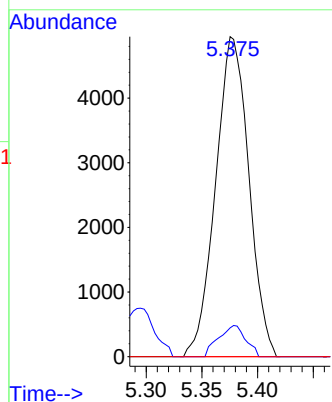
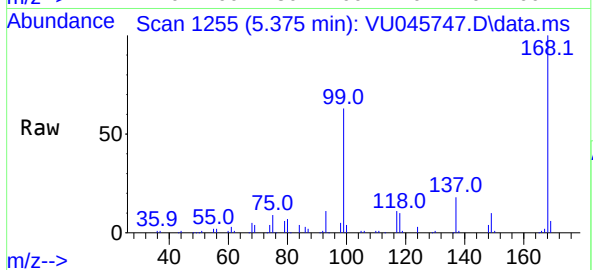
Tgt Ion: 75 Resp: 10280

Ion Ratio Lower Upper

75 100

110 7.9 16.7 50.0#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 6.100 ug/l

RT: 5.375 min Scan# 1255

Delta R.T. -0.154 min

Lab File: VU045747.D

Acq: 11 Nov 2021 18:32

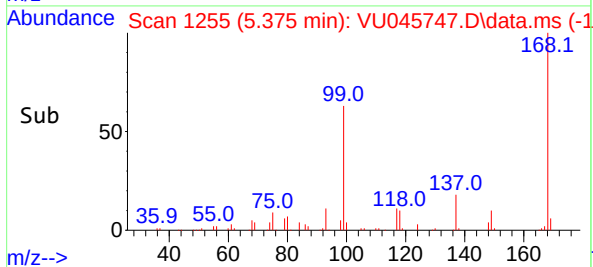
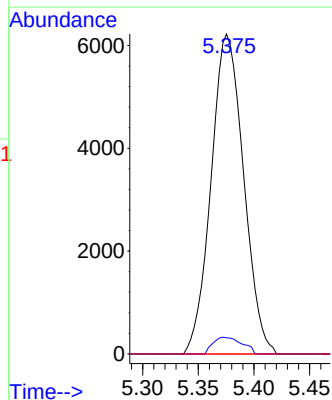
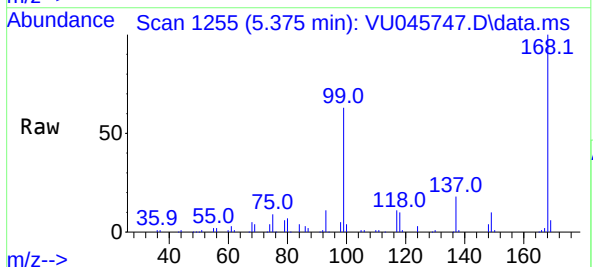
Tgt Ion: 117 Resp: 12632

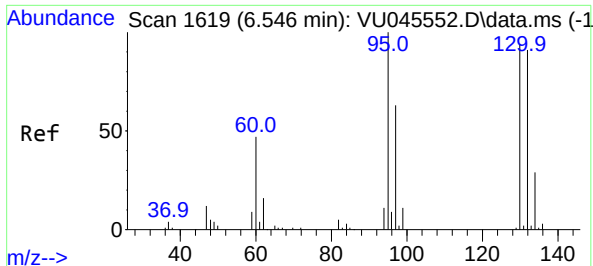
Ion Ratio Lower Upper

117 100

119 5.0 77.4 116.0#

121 0.0 24.8 37.2#

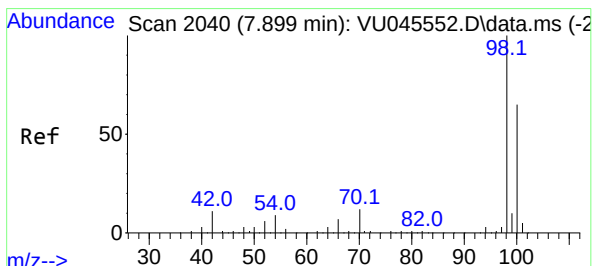
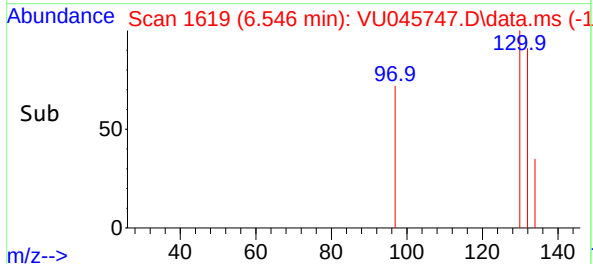
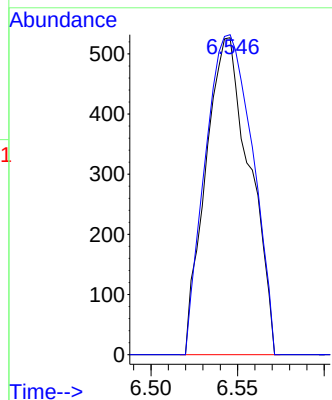
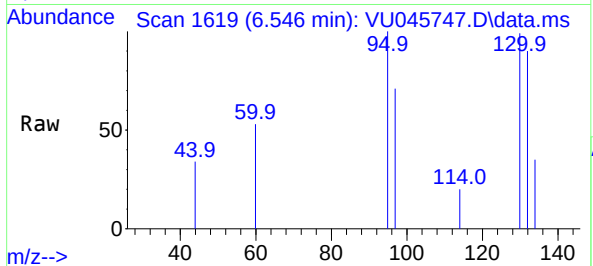




#44
Trichloroethene
Concen: 0.641 ug/l
RT: 6.546 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU045747.D
Acq: 11 Nov 2021 18:32

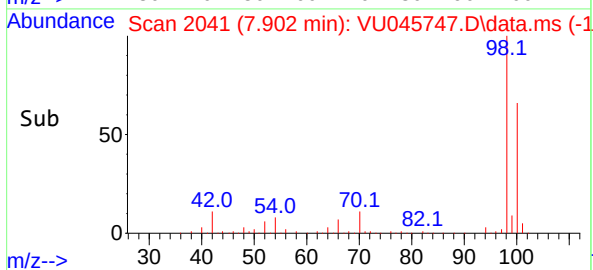
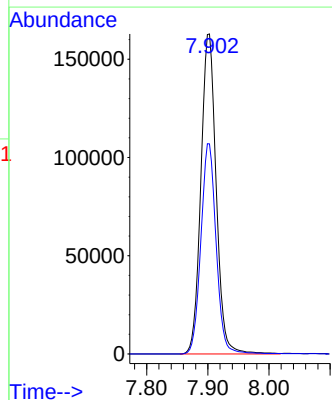
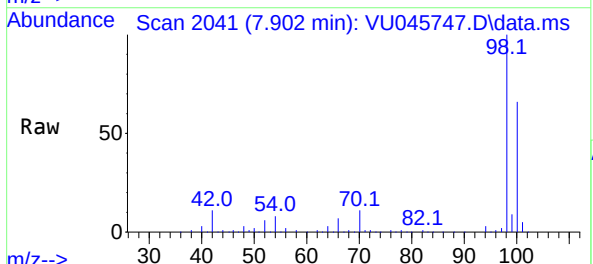
Instrument :
MSVOA_U
ClientSampleId :
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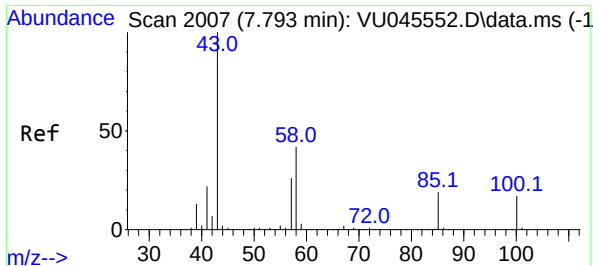
Tgt Ion:130 Resp: 933
Ion Ratio Lower Upper
130 100
95 100.9 0.0 211.4



#50
Toluene-d8
Concen: 54.145 ug/l
RT: 7.902 min Scan# 2041
Delta R.T. 0.003 min
Lab File: VU045747.D
Acq: 11 Nov 2021 18:32

Tgt Ion: 98 Resp: 283190
Ion Ratio Lower Upper
98 100
100 65.5 52.5 78.7

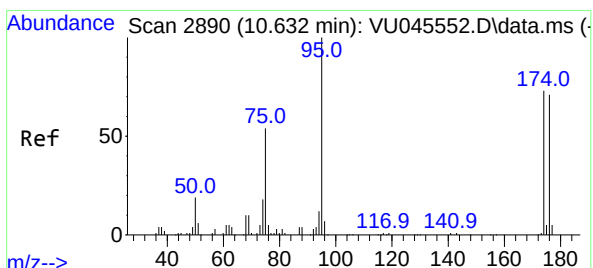
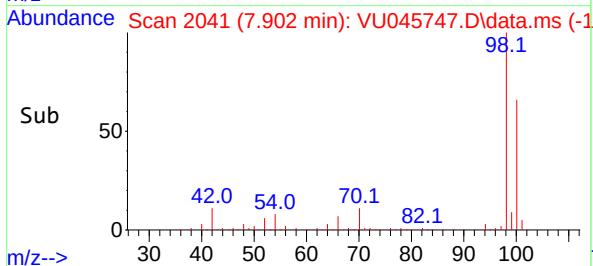
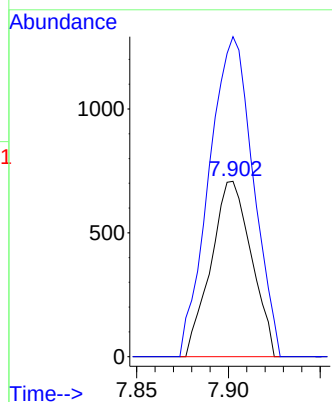
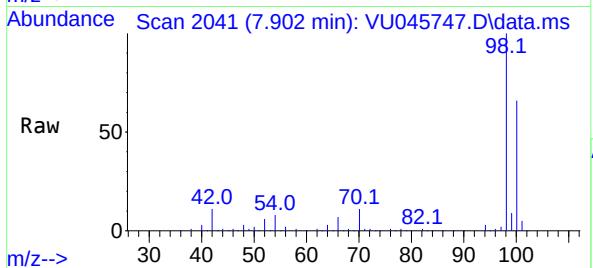




#51
4-Methyl-2-Pentanone
Concen: 0.454 ug/l
RT: 7.902 min Scan# 2007
Delta R.T. 0.109 min
Lab File: VU045747.D
Acq: 11 Nov 2021 18:32

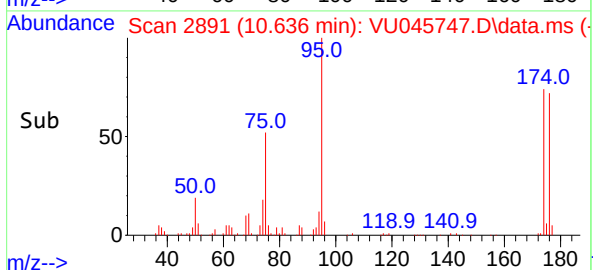
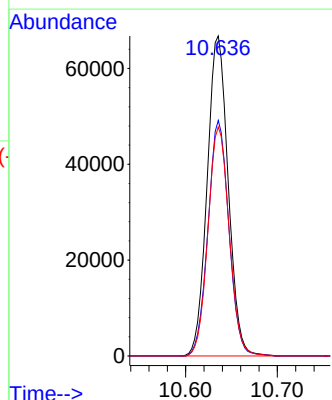
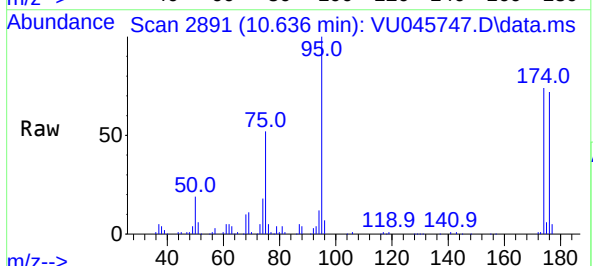
Instrument :
MSVOA_U
ClientSampleId :
MH-140B-20211109

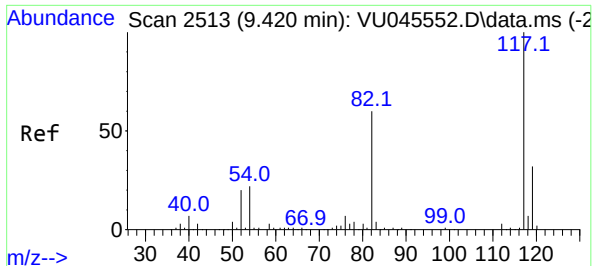
Tgt Ion: 43 Resp: 1081
Ion Ratio Lower Upper
43 100
58 199.4 33.8 50.8#



#62
4-Bromofluorobenzene
Concen: 50.788 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.003 min
Lab File: VU045747.D
Acq: 11 Nov 2021 18:32

Tgt Ion: 95 Resp: 106516
Ion Ratio Lower Upper
95 100
174 73.1 0.0 141.8
176 71.9 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: VU045747.D

Acq: 11 Nov 2021 18:32

Instrument :

MSVOA_U

ClientSampleId :

MH-140B-20211109

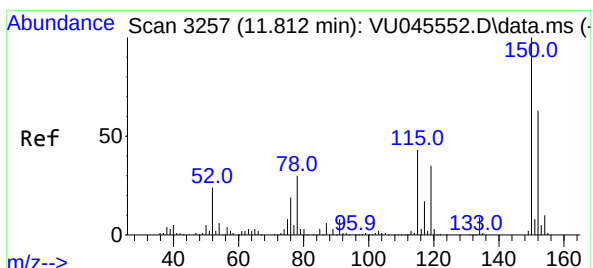
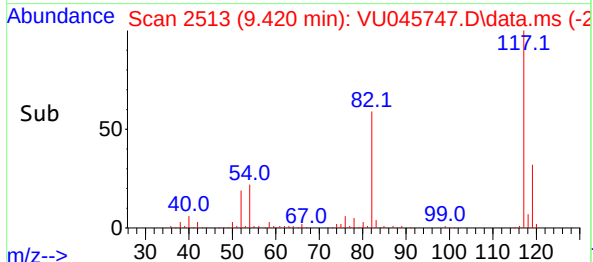
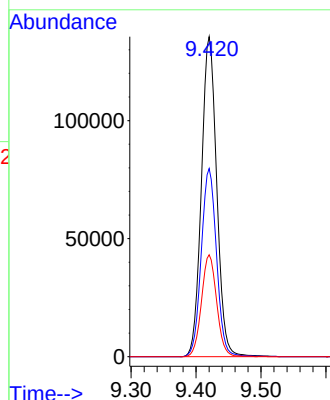
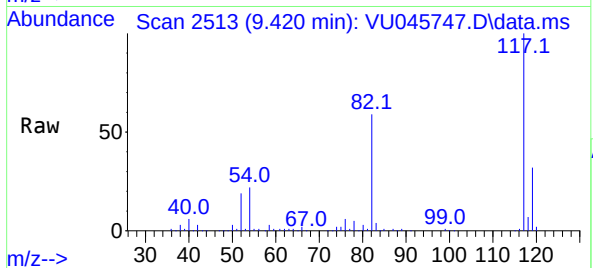
Tgt Ion:117 Resp: 222956

Ion Ratio Lower Upper

117 100

82 58.8 47.8 71.8

119 31.9 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: VU045747.D

Acq: 11 Nov 2021 18:32

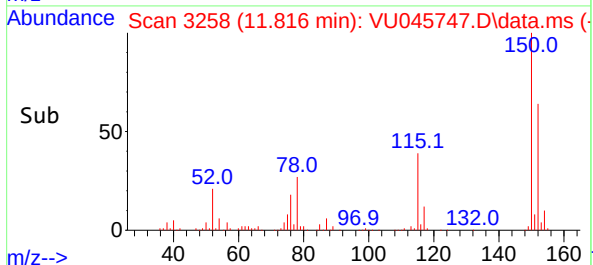
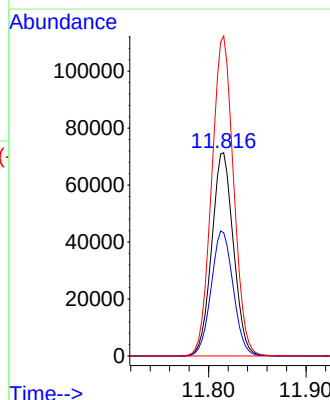
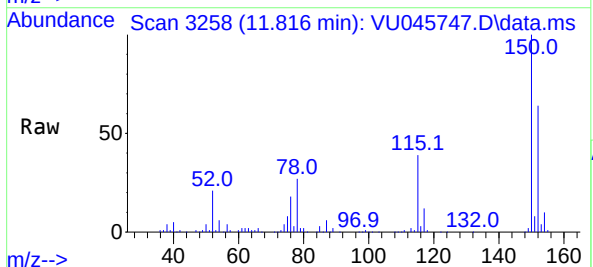
Tgt Ion:152 Resp: 110583

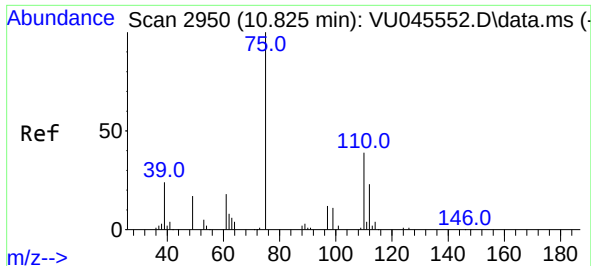
Ion Ratio Lower Upper

152 100

115 62.2 42.7 128.1

150 158.6 0.0 346.8

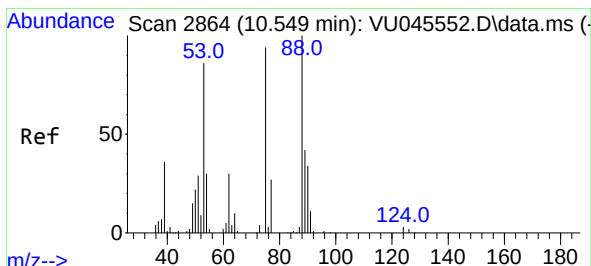
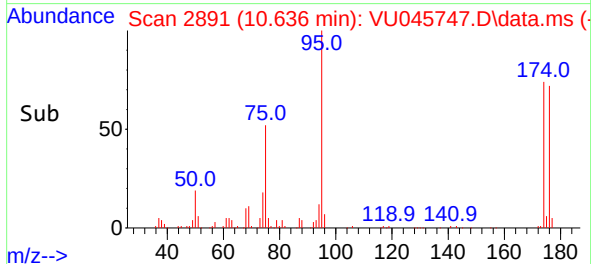
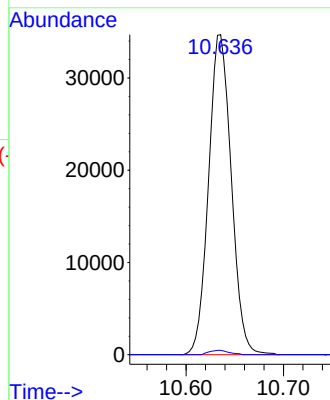
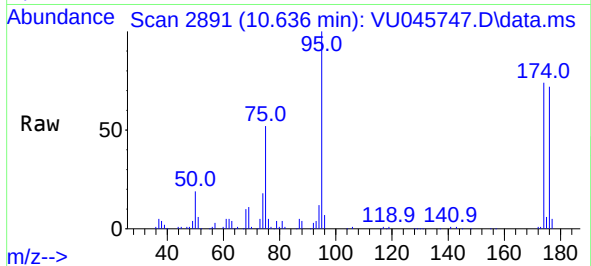




#76
1,2,3-Trichloropropane
Concen: 16.765 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. -0.190 min
Lab File: VU045747.D
Acq: 11 Nov 2021 18:32

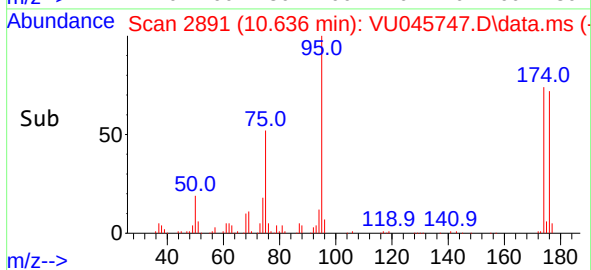
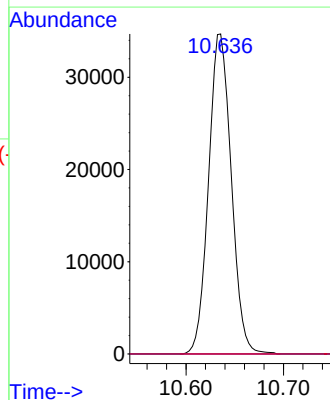
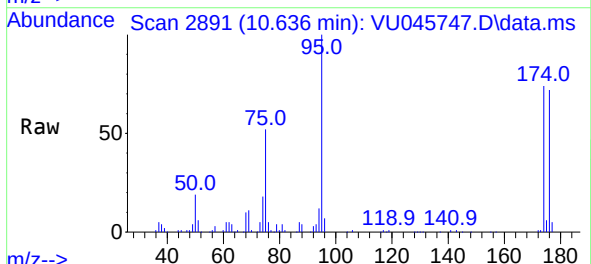
Instrument :
MSVOA_U
ClientSampleId :
MH-140B-20211109

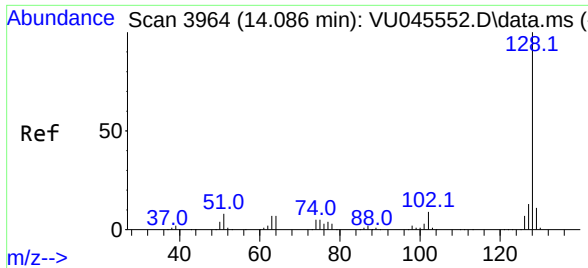
Tgt Ion: 75 Resp: 56223
Ion Ratio Lower Upper
75 100
77 1.2 17.1 51.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 54.628 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.087 min
Lab File: VU045747.D
Acq: 11 Nov 2021 18:32

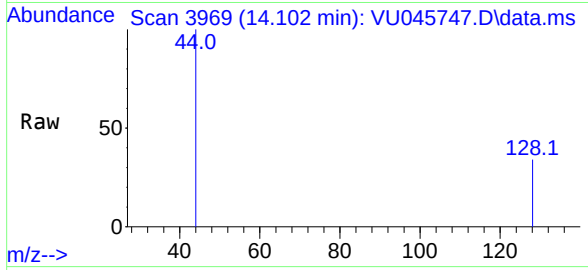
Tgt Ion: 75 Resp: 56223
Ion Ratio Lower Upper
75 100
53 0.0 76.2 114.4#
89 0.0 34.0 51.0#





#95
 Naphthalene
 Concen: 1.031 ug/l
 RT: 14.102 min Scan# 3969
 Delta R.T. 0.016 min
 Lab File: VU045747.D
 Acq: 11 Nov 2021 18:32

Instrument :
 MSVOA_U
 ClientSampleId :
 MH-140B-20211109



Tgt Ion:128 Resp: 20

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

