

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111121\
 Data File : VU045736.D
 Acq On : 11 Nov 2021 14:17
 Operator : SY/MD
 Sample : M4608-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 12 06:08:25 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)

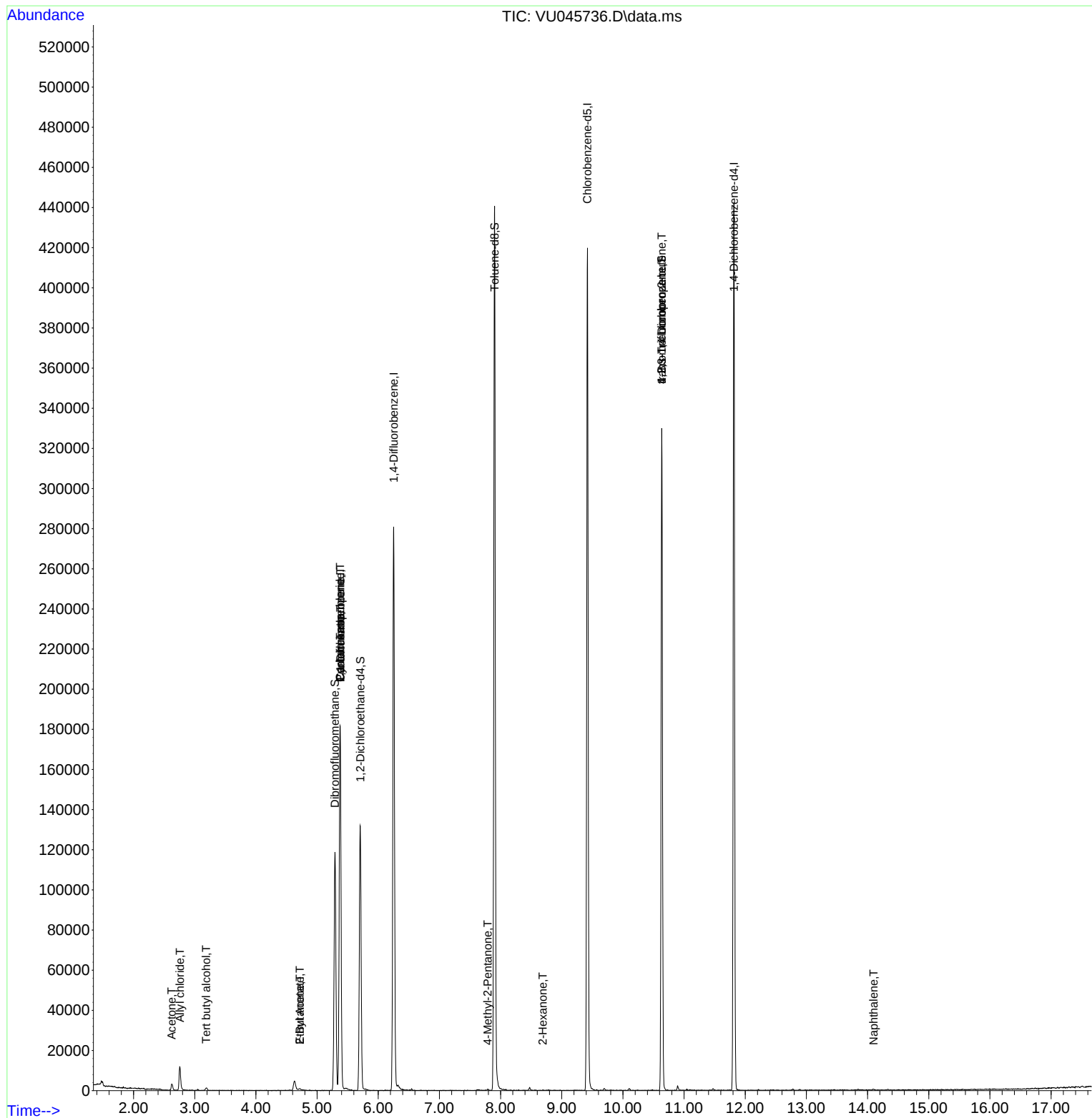
Internal Standards						
1) Pentafluorobenzene	5.378	168	120466	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	222808	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	225520	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.815	152	111444	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	97607	54.102	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 108.200%	
35) Dibromofluoromethane	5.292	113	75441	50.714	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.420%	
50) Toluene-d8	7.902	98	291692	52.733	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 105.460%	
62) 4-Bromofluorobenzene	10.635	95	109180	49.222	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 98.440%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.186	59	995	2.786	ug/l #	72
14) Allyl chloride	2.758	41	1192	0.504	ug/l #	68
16) Acetone	2.623	43	4075	4.437	ug/l	98
25) 2-Butanone	4.719	43	1191	0.935	ug/l #	89
31) Cyclohexane	5.378	56	2693	1.023	ug/l #	1
36) 1,1-Dichloropropene	5.378	75	10701	4.926	ug/l #	49
37) Ethyl Acetate	4.719	43	1191	0.477	ug/l #	67
38) Carbon Tetrachloride	5.375	117	12985	5.928	ug/l #	16
51) 4-Methyl-2-Pentanone	7.790	43	593	0.236	ug/l #	67
59) 2-Hexanone	8.690	43	172	7.611	ug/l #	21
76) 1,2,3-Trichloropropane	10.635	75	57742	17.085	ug/l #	42
81) trans-1,4-Dichloro-2-b...	10.635	75	57742	55.613	ug/l #	12
95) Naphthalene	14.098	128	512	1.084	ug/l #	69

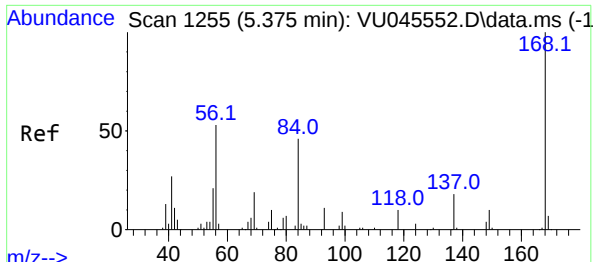
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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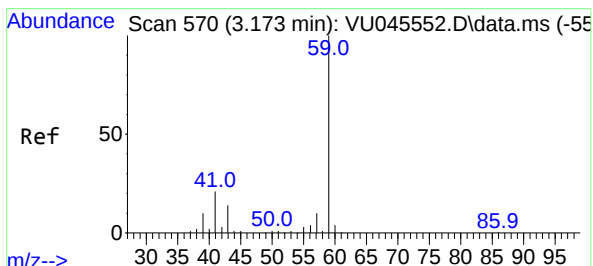
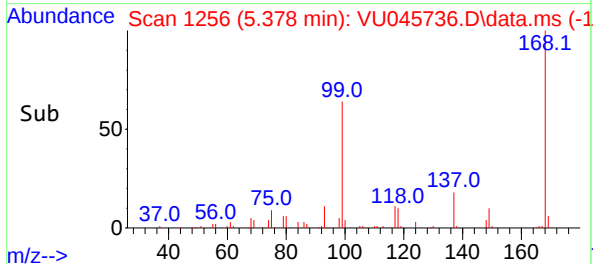
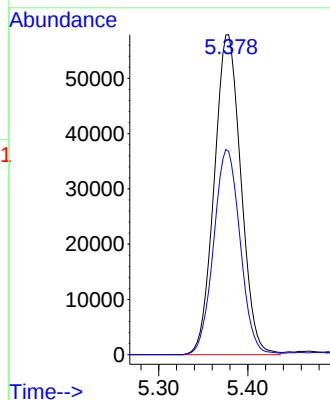
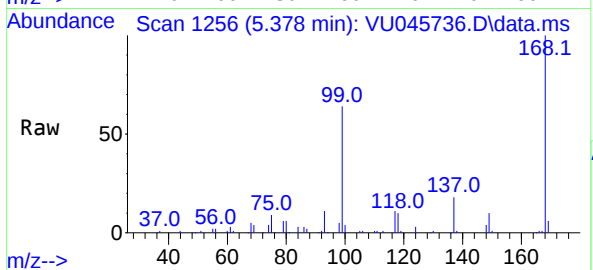




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.378 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU045736.D
Acq: 11 Nov 2021 14:17

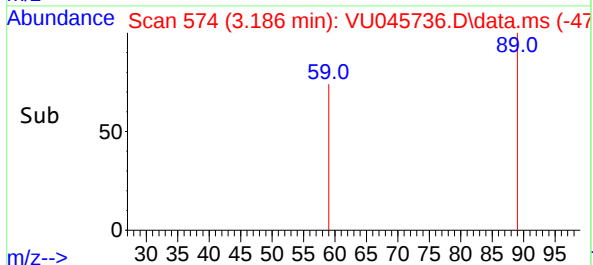
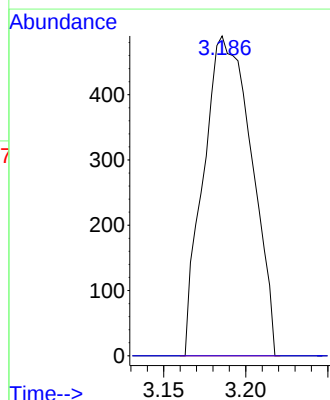
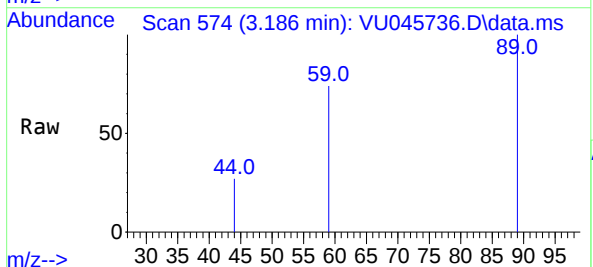
Instrument :
MSVOA_U
ClientSampleId :

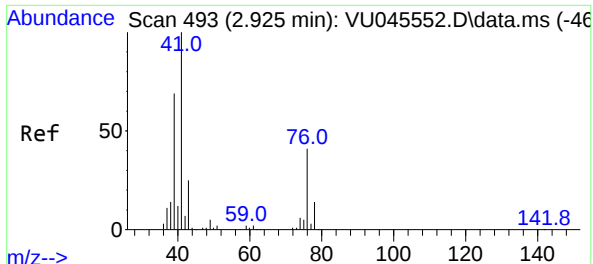
Tgt Ion:168 Resp: 120466
Ion Ratio Lower Upper
168 100
99 63.5 51.0 76.6



#11
Tert butyl alcohol
Concen: 2.786 ug/l
RT: 3.186 min Scan# 574
Delta R.T. 0.013 min
Lab File: VU045736.D
Acq: 11 Nov 2021 14:17

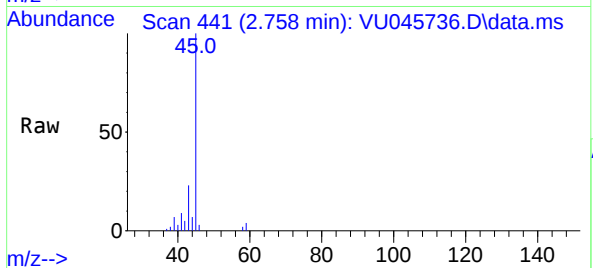
Tgt Ion: 59 Resp: 995
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



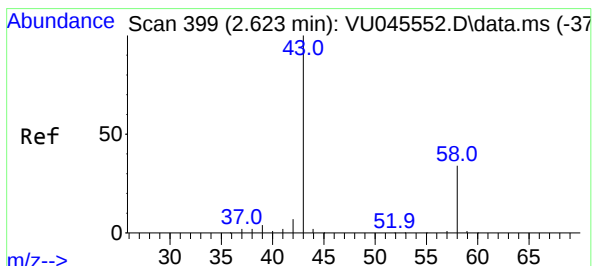
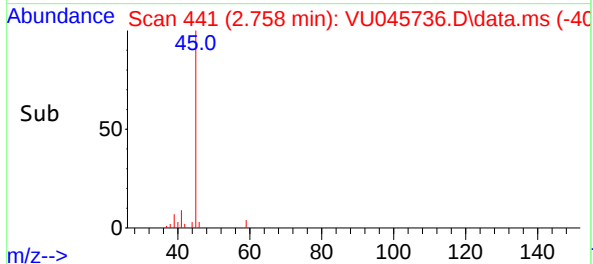
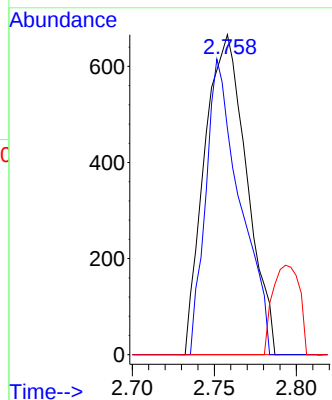


#14
Allyl chloride
Concen: 0.504 ug/l
RT: 2.758 min Scan# 441
Delta R.T. -0.167 min
Lab File: VU045736.D
Acq: 11 Nov 2021 14:17

Instrument :
MSVOA_U
ClientSampleId :

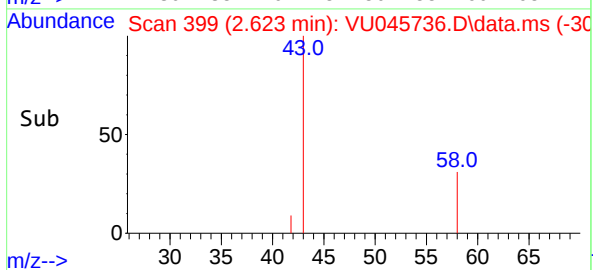
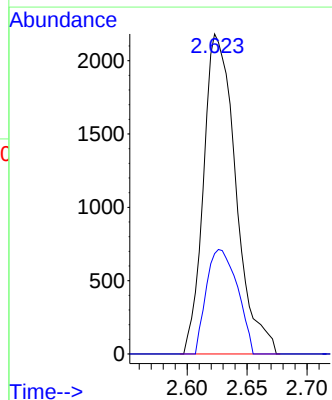
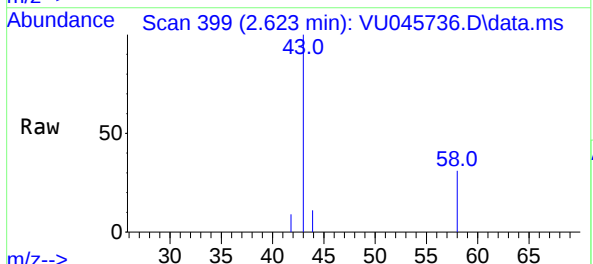


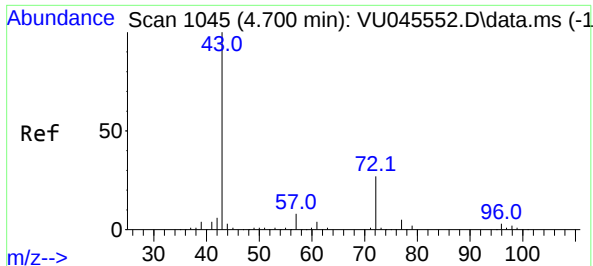
Tgt Ion: 41 Resp: 1192
Ion Ratio Lower Upper
41 100
39 74.8 49.7 74.5#
76 0.0 27.7 41.5#



#16
Acetone
Concen: 4.437 ug/l
RT: 2.623 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU045736.D
Acq: 11 Nov 2021 14:17

Tgt Ion: 43 Resp: 4075
Ion Ratio Lower Upper
43 100
58 31.3 26.2 39.2

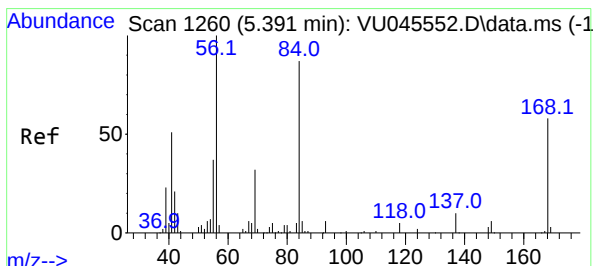
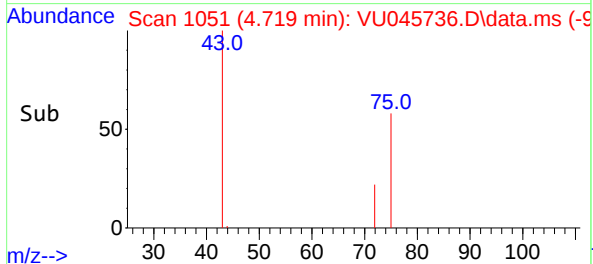
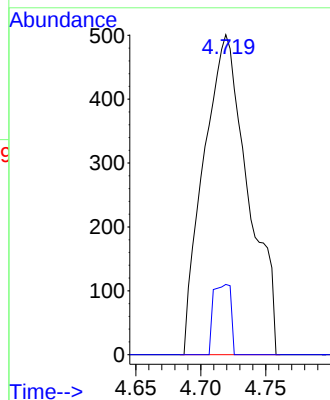
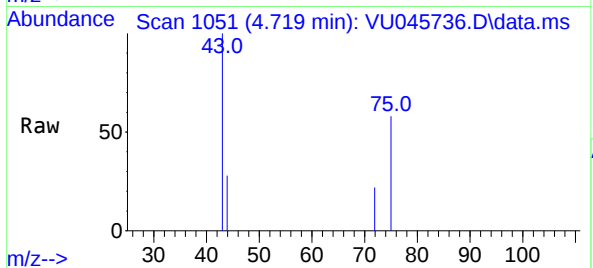




#25
2-Butanone
Concen: 0.935 ug/l
RT: 4.719 min Scan# 1191
Delta R.T. 0.019 min
Lab File: VU045736.D
Acq: 11 Nov 2021 14:17

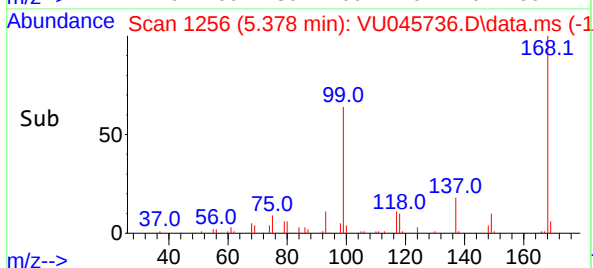
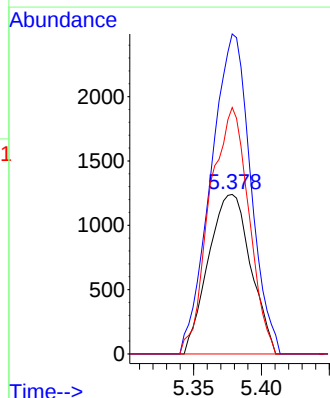
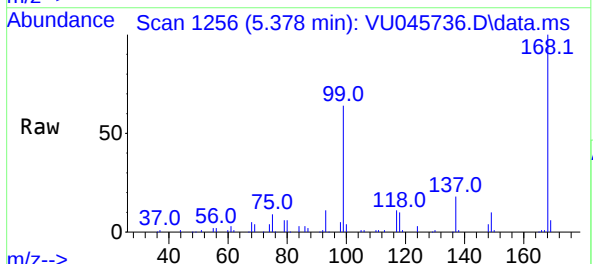
Instrument :
MSVOA_U
ClientSampleId :

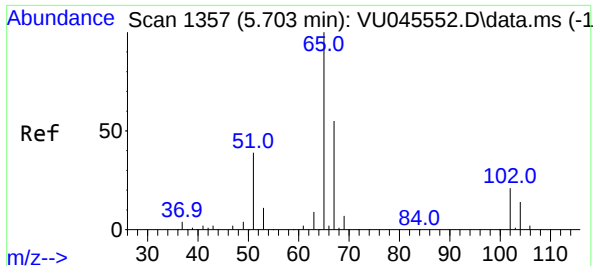
Tgt Ion: 43 Resp: 1191
Ion Ratio Lower Upper
43 100
72 22.0 22.0 33.0#



#31
Cyclohexane
Concen: 1.023 ug/l
RT: 5.378 min Scan# 1256
Delta R.T. -0.013 min
Lab File: VU045736.D
Acq: 11 Nov 2021 14:17

Tgt Ion: 56 Resp: 2693
Ion Ratio Lower Upper
56 100
69 200.6 26.4 39.6#
84 154.4 68.4 102.6#

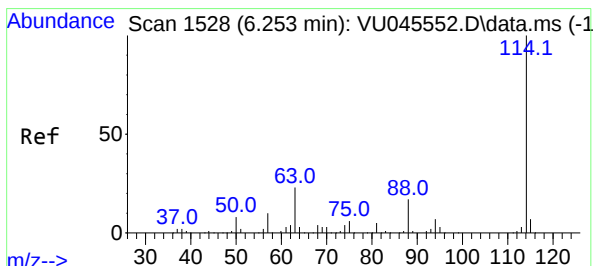
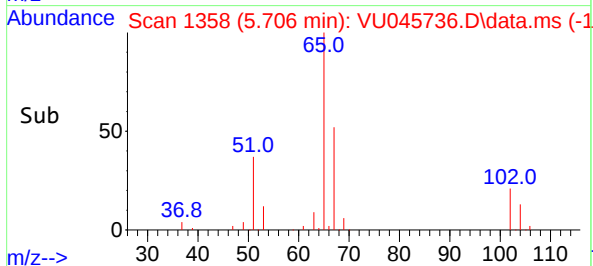
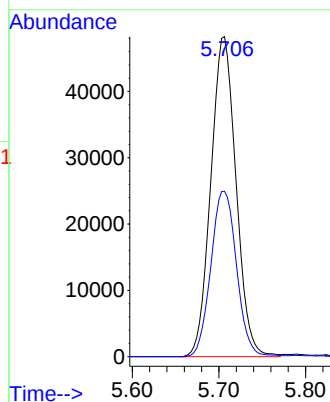
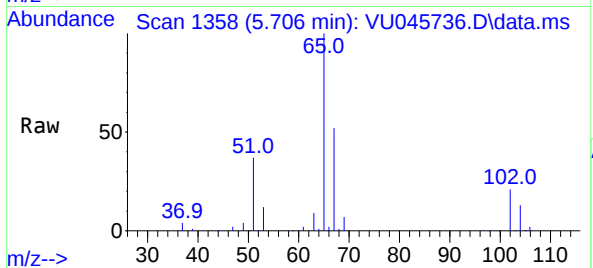




#33
1,2-Dichloroethane-d4
Concen: 54.102 ug/l
RT: 5.706 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU045736.D
Acq: 11 Nov 2021 14:17

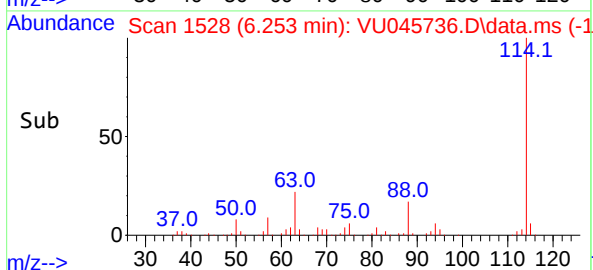
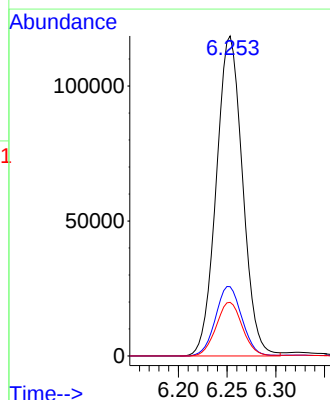
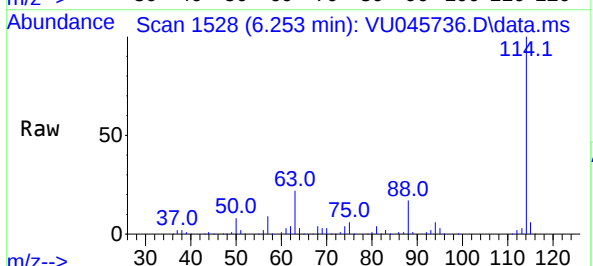
Instrument :
MSVOA_U
ClientSampleId :

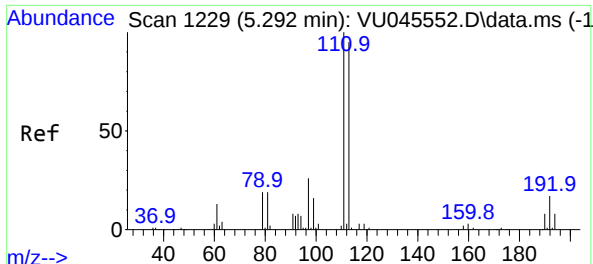
Tgt Ion: 65 Resp: 97607
Ion Ratio Lower Upper
65 100
67 52.8 0.0 105.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.253 min Scan# 1528
Delta R.T. -0.000 min
Lab File: VU045736.D
Acq: 11 Nov 2021 14:17

Tgt Ion: 114 Resp: 222808
Ion Ratio Lower Upper
114 100
63 21.7 0.0 45.6
88 16.8 0.0 33.8





#35

Dibromofluoromethane

Concen: 50.714 ug/l

RT: 5.292 min Scan# 11

Delta R.T. -0.000 min

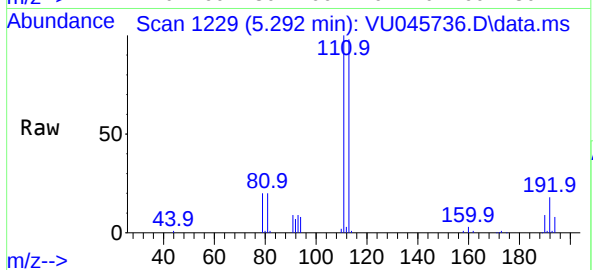
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Acq: 11 Nov 2021 14:17

Instrument :

MSVOA_U

ClientSampleId :



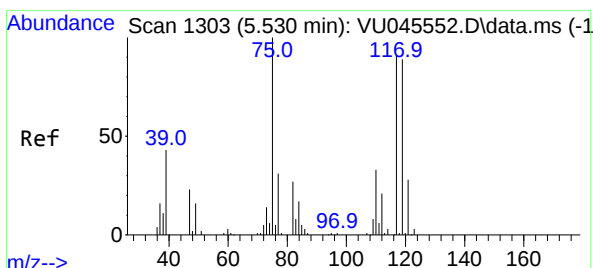
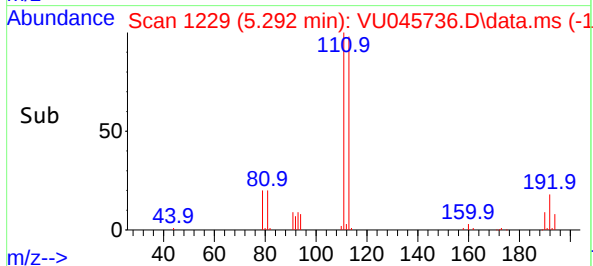
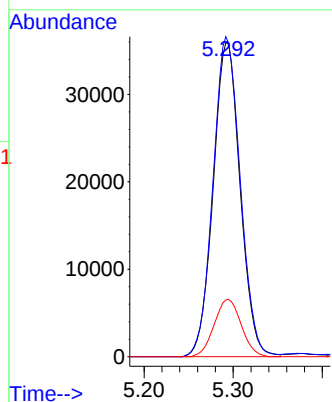
Tgt Ion:113 Resp: 75441

Ion Ratio Lower Upper

113 100

111 102.9 82.8 124.2

192 18.3 14.8 22.2



#36

1,1-Dichloropropene

Concen: 4.926 ug/l

RT: 5.378 min Scan# 1256

Delta R.T. -0.151 min

Lab File: VU045736.D

Acq: 11 Nov 2021 14:17

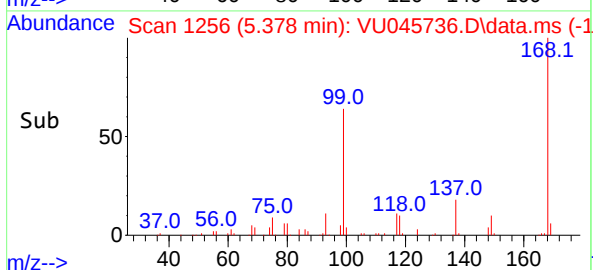
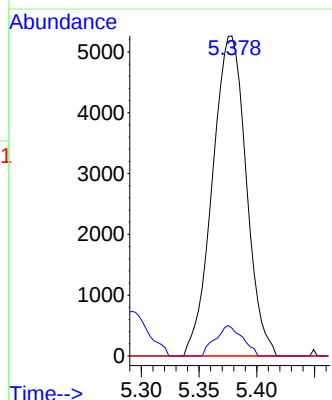
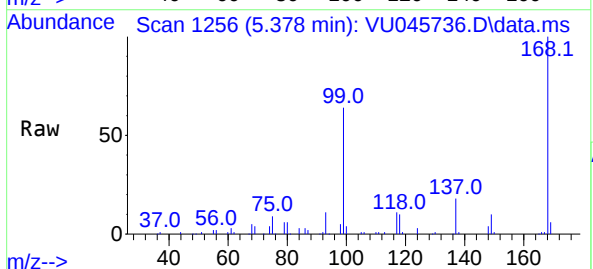
Tgt Ion: 75 Resp: 10701

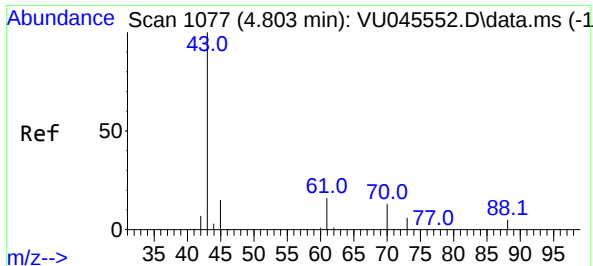
Ion Ratio Lower Upper

75 100

110 7.6 16.7 50.0#

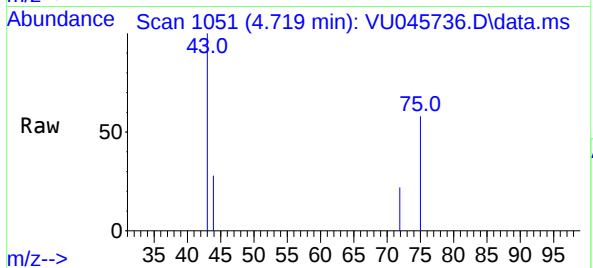
77 0.0 25.0 37.4#



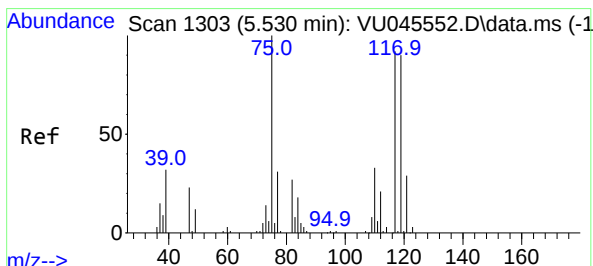
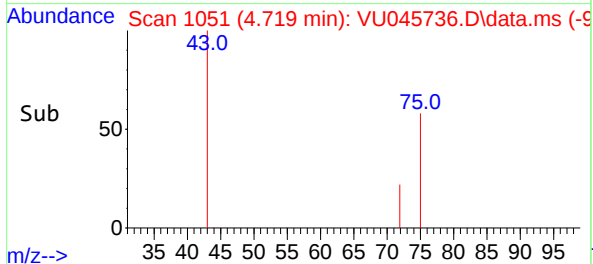
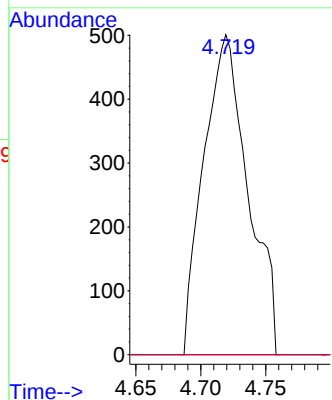


#37
Ethyl Acetate
Concen: 0.477 ug/l
RT: 4.719 min Scan# 1191
Delta R.T. -0.084 min
Lab File: VU045736.D
Acq: 11 Nov 2021 14:17

Instrument :
MSVOA_U
ClientSampleId :

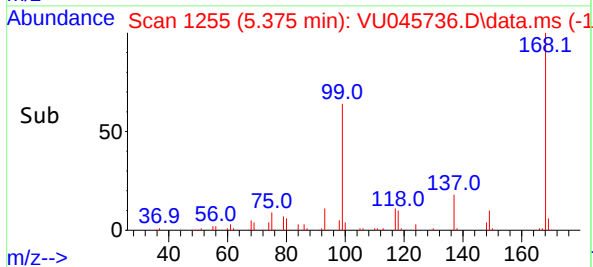
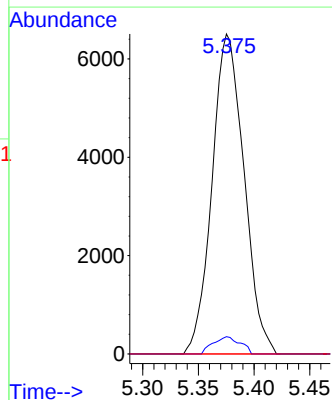
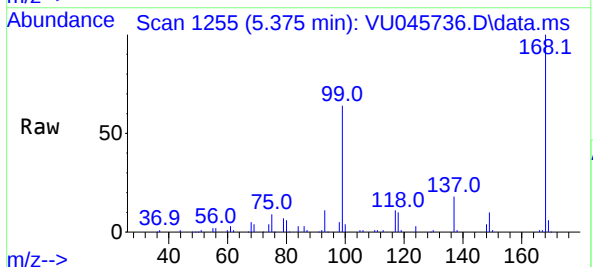


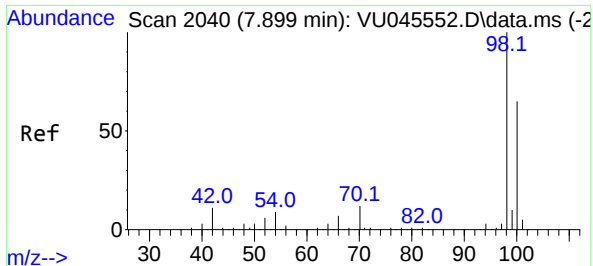
Tgt Ion: 43 Resp: 1191
Ion Ratio Lower Upper
43 100
61 0.0 11.6 17.4#
70 0.0 9.1 13.7#



#38
Carbon Tetrachloride
Concen: 5.928 ug/l
RT: 5.375 min Scan# 1255
Delta R.T. -0.154 min
Lab File: VU045736.D
Acq: 11 Nov 2021 14:17

Tgt Ion: 117 Resp: 12985
Ion Ratio Lower Upper
117 100
119 5.4 77.4 116.0#
121 0.0 24.8 37.2#





#50

Toluene-d8

Concen: 52.733 ug/l

RT: 7.902 min Scan# 2040

Delta R.T. 0.003 min

Lab File: VU045736.D

Acq: 11 Nov 2021 14:17

Instrument :

MSVOA_U

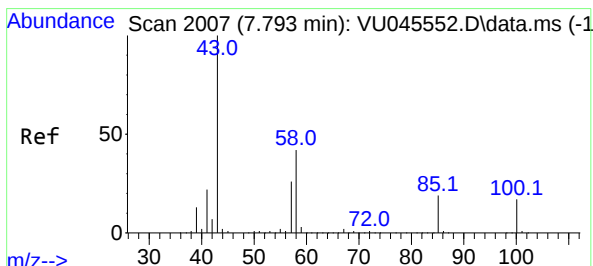
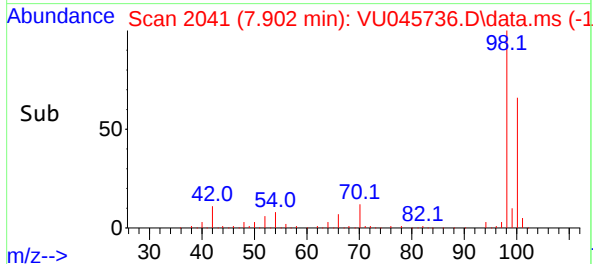
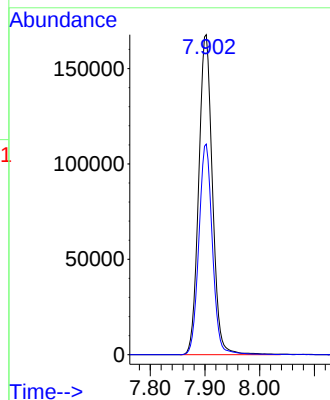
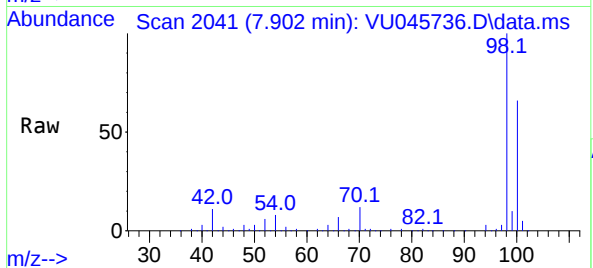
ClientSampleId :

Tgt Ion: 98 Resp: 291692

Ion Ratio Lower Upper

98 100

100 65.2 52.5 78.7



#51

4-Methyl-2-Pentanone

Concen: 0.236 ug/l

RT: 7.790 min Scan# 2006

Delta R.T. -0.003 min

Lab File: VU045736.D

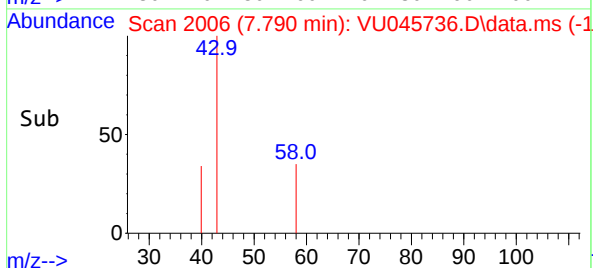
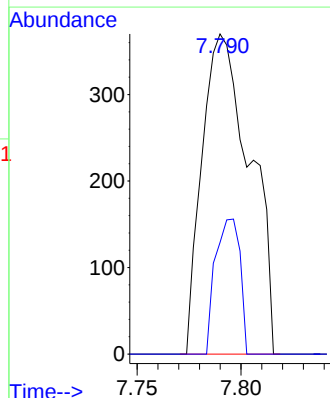
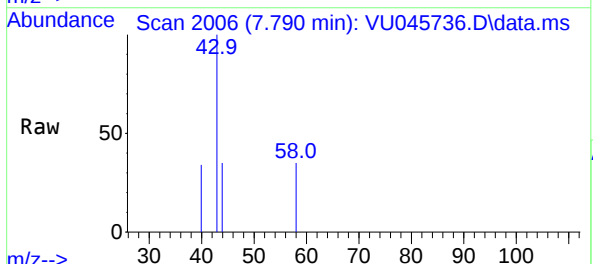
Acq: 11 Nov 2021 14:17

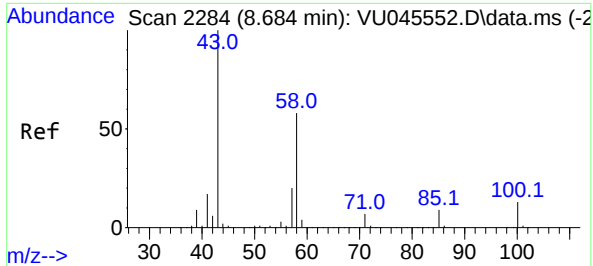
Tgt Ion: 43 Resp: 593

Ion Ratio Lower Upper

43 100

58 21.6 33.8 50.8#

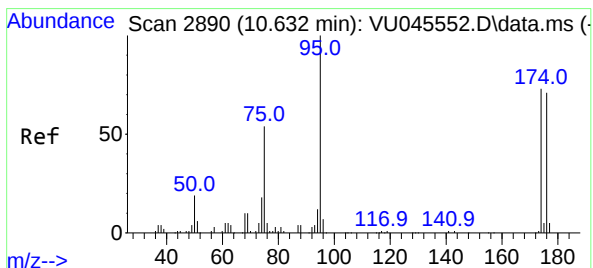
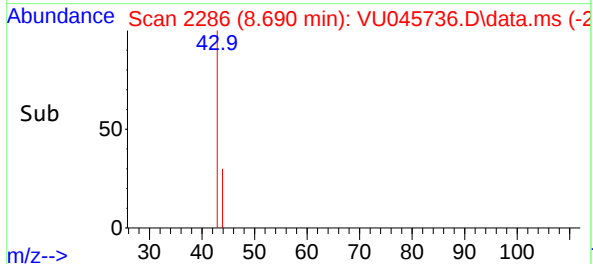
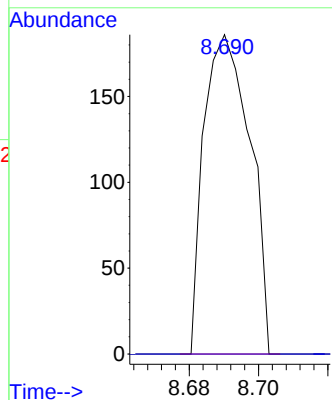
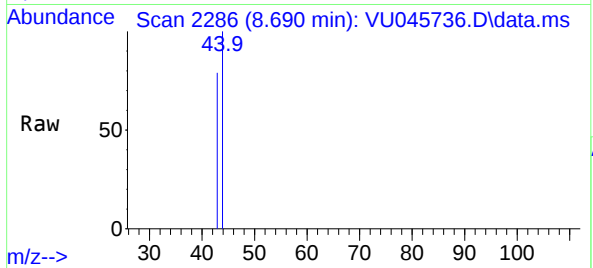




#59
2-Hexanone
Concen: 7.611 ug/l
RT: 8.690 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU045736.D
Acq: 11 Nov 2021 14:17

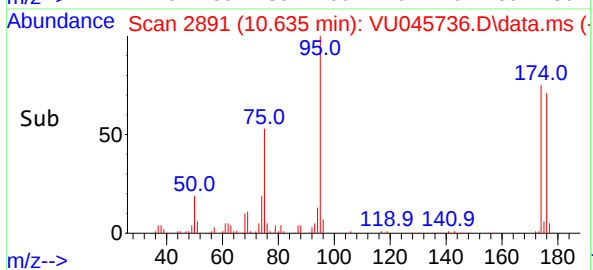
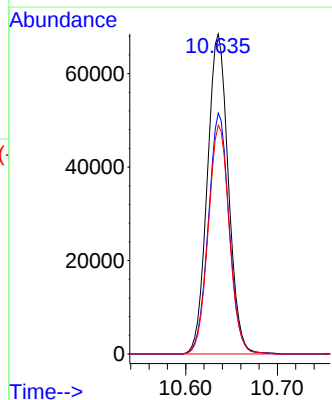
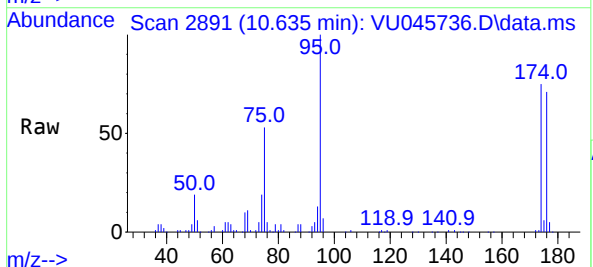
Instrument :
MSVOA_U
ClientSampleId :

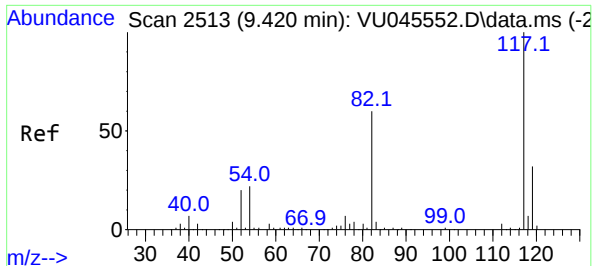
Tgt Ion: 43 Resp: 172
Ion Ratio Lower Upper
43 100
58 0.0 29.5 88.6#



#62
4-Bromofluorobenzene
Concen: 49.222 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. 0.003 min
Lab File: VU045736.D
Acq: 11 Nov 2021 14:17

Tgt Ion: 95 Resp: 109180
Ion Ratio Lower Upper
95 100
174 74.7 0.0 141.8
176 71.3 0.0 138.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.420 min Scan# 2

Delta R.T. 0.000 min

Lab File: VU045736.D

Acq: 11 Nov 2021 14:17

Instrument :

MSVOA_U

ClientSampleId :

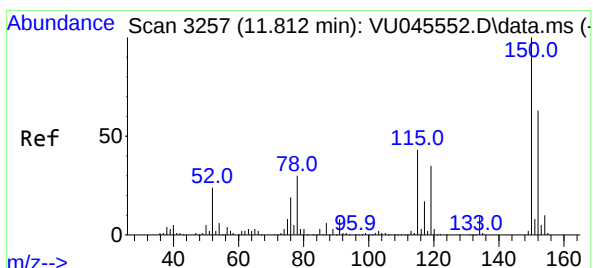
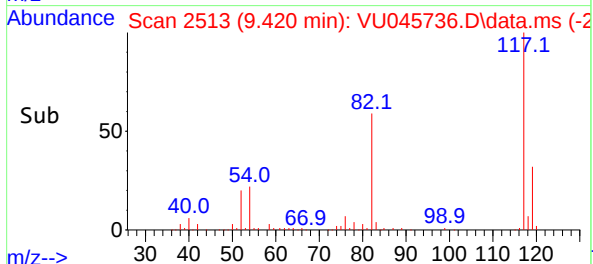
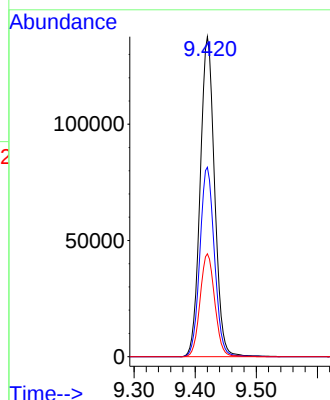
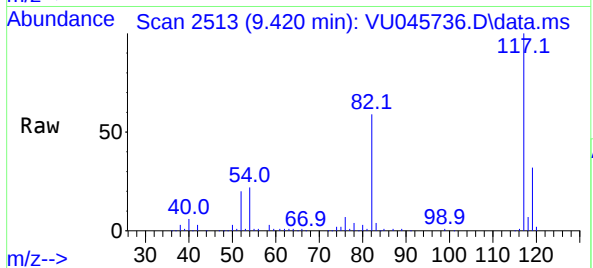
Tgt Ion:117 Resp: 225520

Ion Ratio Lower Upper

117 100

82 59.2 47.8 71.8

119 32.2 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.815 min Scan# 3258

Delta R.T. 0.003 min

Lab File: VU045736.D

Acq: 11 Nov 2021 14:17

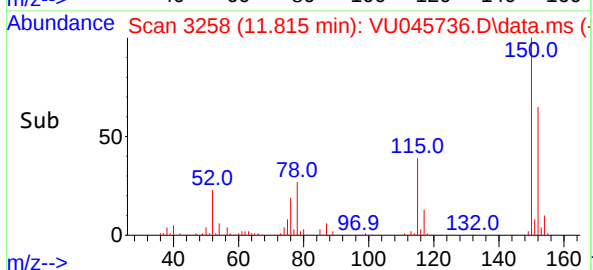
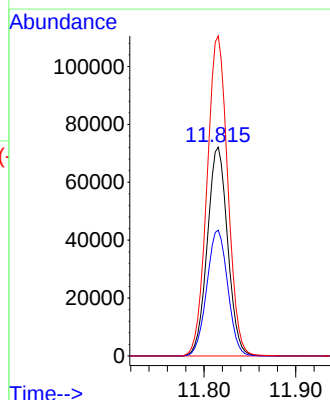
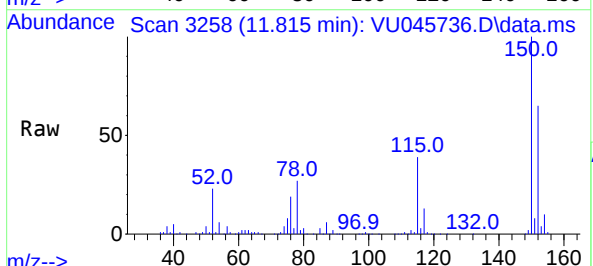
Tgt Ion:152 Resp: 111444

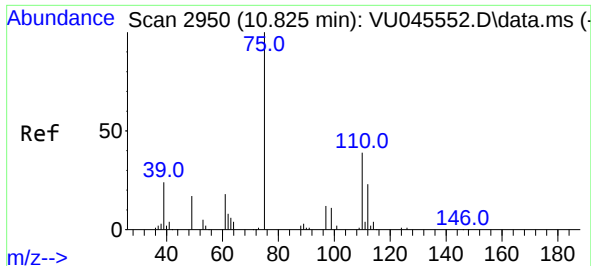
Ion Ratio Lower Upper

152 100

115 61.8 42.7 128.1

150 155.7 0.0 346.8

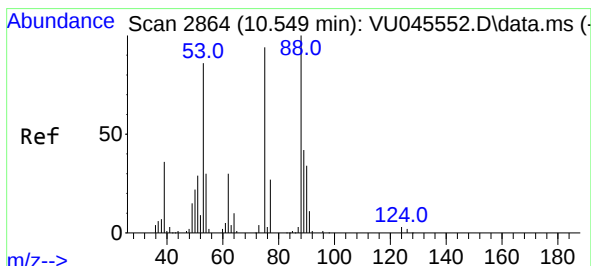
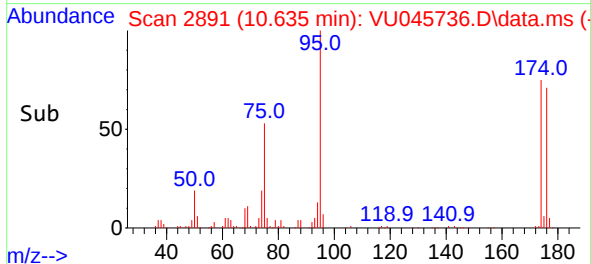
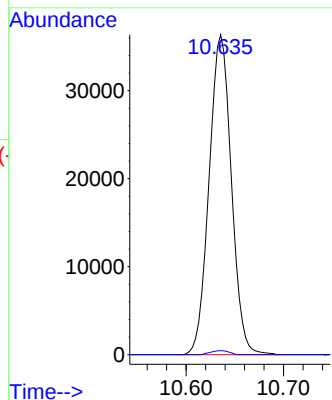
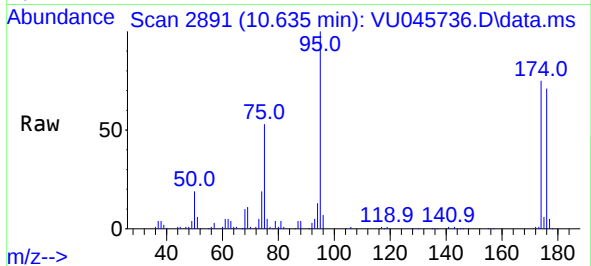




#76
1,2,3-Trichloropropane
Concen: 17.085 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. -0.190 min
Lab File: VU045736.D
Acq: 11 Nov 2021 14:17

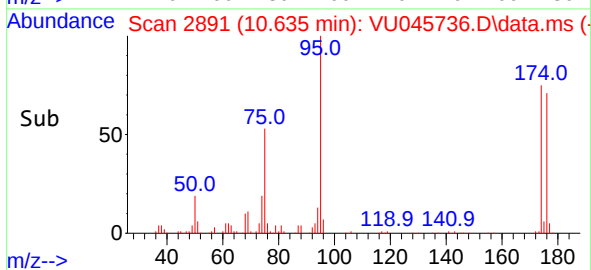
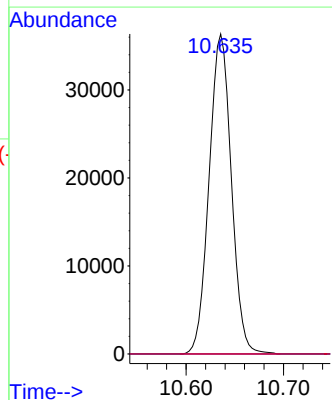
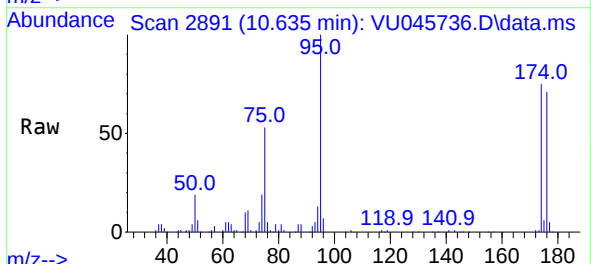
Instrument :
MSVOA_U
ClientSampleId :

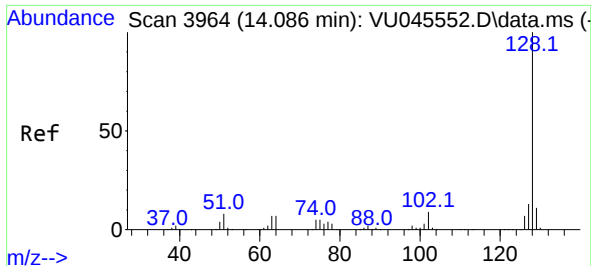
Tgt Ion: 75 Resp: 57742
Ion Ratio Lower Upper
75 100
77 1.0 17.1 51.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 55.613 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. 0.086 min
Lab File: VU045736.D
Acq: 11 Nov 2021 14:17

Tgt Ion: 75 Resp: 57742
Ion Ratio Lower Upper
75 100
53 0.0 76.2 114.4#
89 0.0 34.0 51.0#





#95

Naphthalene

Concen: 1.084 ug/l

RT: 14.098 min Scan# 3968

Delta R.T. 0.012 min

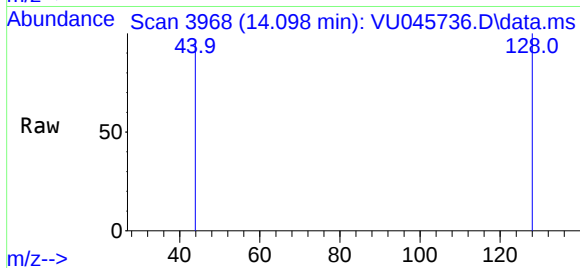
Lab File: VU045736.D

Acq: 11 Nov 2021 14:17

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:128 Resp: 512

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