

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092821\
 Data File : VU044977.D
 Acq On : 29 Sep 2021 06:04
 Operator : SY/MD
 Sample : M3952-05
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-3

Quant Time: Sep 29 07:58:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092821W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 12:32:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.378	168	198540	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	346861	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	346973	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	180773	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	154536	46.759	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.520%
35) Dibromofluoromethane	5.295	113	110889	50.678	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.360%
50) Toluene-d8	7.902	98	490277	56.708	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	113.420%#
62) 4-Bromofluorobenzene	10.635	95	177773	49.805	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.620%

Target Compounds						Qvalue
11) Tert butyl alcohol	3.198	59	207	0.218	ug/l #	72
13) Acrolein	2.469	56	790	7.343	ug/l #	1
14) Allyl chloride	2.967	41	33102	7.599	ug/l #	69
15) Acrylonitrile	3.366	53	14248	7.448	ug/l #	40
16) Acetone	2.629	43	50881	25.937	ug/l	96
18) Methyl Acetate	2.967	43	28420	4.957	ug/l #	52
20) Methylene Chloride	3.044	84	608	0.206	ug/l #	1
23) Vinyl Acetate	3.707	43	345817	47.808	ug/l #	43
25) 2-Butanone	4.710	43	19681	7.061	ug/l	94
26) 2,2-Dichloropropane	4.539	77	6234	1.444	ug/l #	54
27) cis-1,2-Dichloroethene	4.674	96	1220	0.401	ug/l	95
29) Tetrahydrofuran	5.092	42	1385	0.835	ug/l #	32
30) Chloroform	5.131	83	5489	1.067	ug/l #	43
31) Cyclohexane	5.395	56	738175	147.040	ug/l	96
36) 1,1-Dichloropropene	5.378	75	19549	5.389	ug/l #	49
37) Ethyl Acetate	4.710	43	19943	4.155	ug/l #	69
38) Carbon Tetrachloride	5.378	117	21091	6.719	ug/l #	15
39) Methylcyclohexane	6.767	83	1397339	313.796	ug/l	96
40) Benzene	5.780	78	9460748	875.710	ug/l	99
41) Methacrylonitrile	5.002	41	1648	0.667	ug/l #	47
42) 1,2-Dichloroethane	5.780	62	84788	19.968	ug/l #	75
43) Isopropyl Acetate	5.928	43	13511	1.871	ug/l #	61
44) Trichloroethene	6.546	130	1104	0.433	ug/l	90
45) 1,2-Dichloropropane	6.767	63	14352	5.011	ug/l #	1
47) Bromodichloromethane	7.076	83	7710	2.058	ug/l #	63
48) Methyl methacrylate	6.986	41	91692	26.089	ug/l #	49
51) 4-Methyl-2-Pentanone	7.774	43	1995	0.380	ug/l #	35
52) Toluene	7.973	92	263051	38.904	ug/l	99
55) 1,1,2-Trichloroethane	8.372	97	102528	36.392	ug/l #	19
56) Ethyl methacrylate	8.372	69	25904	6.384	ug/l #	1
58) 2-Chloroethyl Vinyl ether	7.443	63	41	21.893	ug/l #	49
59) 2-Hexanone	8.690	43	5523	1.290	ug/l	93
60) Dibromochloromethane	8.558	129	4074	3.481	ug/l #	10
64) Tetrachloroethene	8.558	164	4248	1.876	ug/l	95
67) Ethyl Benzene	9.574	91	715610	53.458	ug/l	100
68) m/p-Xylenes	9.697	106	1255524	241.419	ug/l	98

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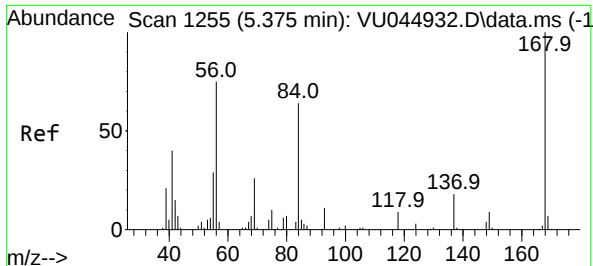
Instrument :
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

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

69) o-Xylene	10.105	106	31918	6.184	ug/l	99
70) Styrene	10.108	104	1906	0.220	ug/l #	1
73) Isopropylbenzene	10.488	105	201714	14.984	ug/l	100
75) 1,1,2,2-Tetrachloroethane	10.812	83	5952	1.022	ug/l #	33
76) 1,2,3-Trichloropropane	11.002	75	9845	1.867	ug/l #	1
78) n-propylbenzene	10.909	91	309117	18.843	ug/l	99
79) 2-Chlorotoluene	11.002	91	135834	13.209	ug/l #	46
80) 1,3,5-Trimethylbenzene	11.092	105	483126	40.966	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.635	75	96506	50.793	ug/l #	9
82) 4-Chlorotoluene	11.092	91	53366	4.591	ug/l #	47
83) tert-Butylbenzene	11.423	119	28573	2.491	ug/l	90
84) 1,2,4-Trimethylbenzene	11.471	105	1439960	123.418	ug/l	99
85) sec-Butylbenzene	11.645	105	96502	6.533	ug/l	100
86) p-Isopropyltoluene	11.796	119	89707	7.549	ug/l	98
89) n-Butylbenzene	12.208	91	129607	11.842	ug/l #	42
90) Hexachloroethane	12.468	117	14538	6.775	ug/l #	15
92) 1,2-Dibromo-3-Chloropr...	12.976	75	1072	0.780	ug/l #	7
95) Naphthalene	14.089	128	370015	27.741	ug/l	98

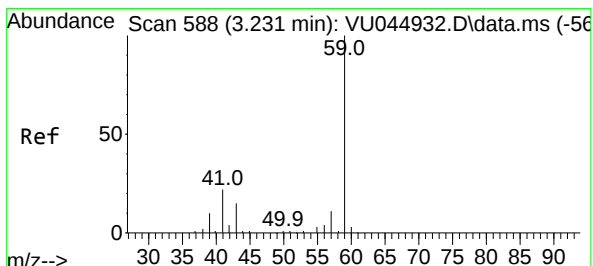
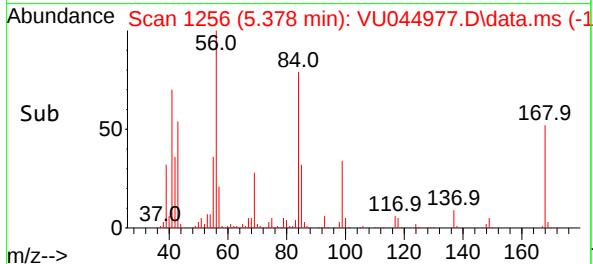
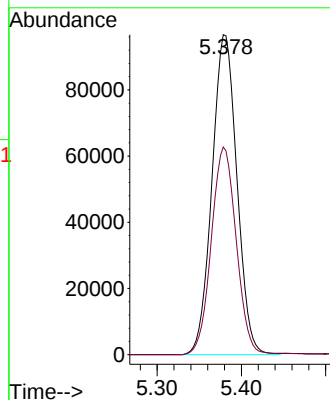
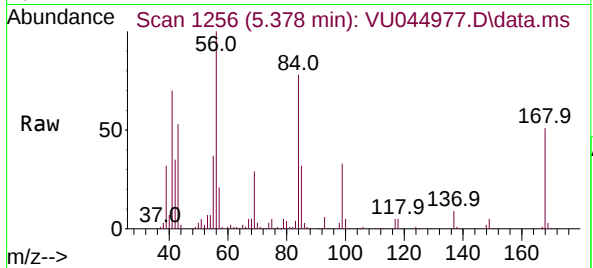
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.378 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU044977.D
Acq: 29 Sep 2021 06:04

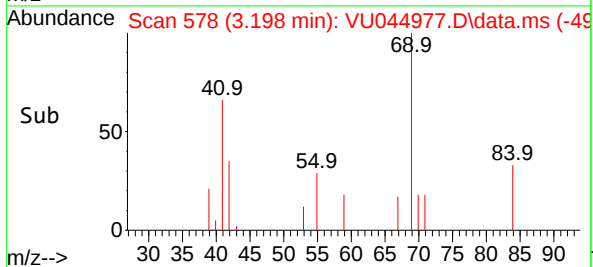
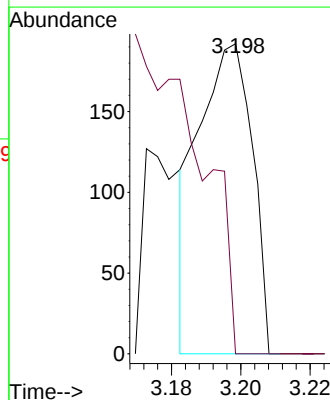
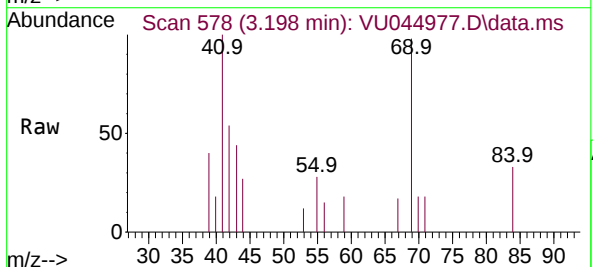
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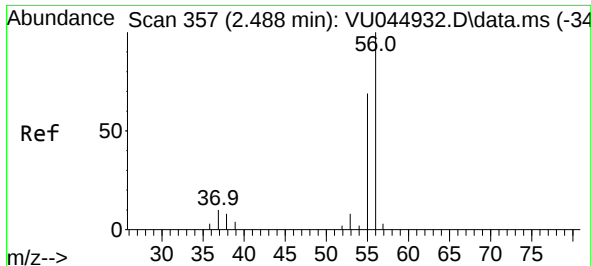
Tgt Ion:168 Resp: 198540
Ion Ratio Lower Upper
168 100
99 64.9 51.4 77.0



#11
Tert butyl alcohol
Concen: 0.218 ug/l
RT: 3.198 min Scan# 578
Delta R.T. -0.033 min
Lab File: VU044977.D
Acq: 29 Sep 2021 06:04

Tgt Ion: 59 Resp: 207
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#





#13

Acrolein

Concen: 7.343 ug/l

RT: 2.469 min Scan# 31

Delta R.T. -0.019 min

Lab File: VU044977.D

Acq: 29 Sep 2021 06:04

Instrument :

MSVOA_U

ClientSampleId :

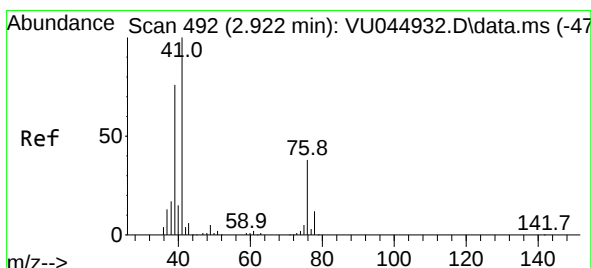
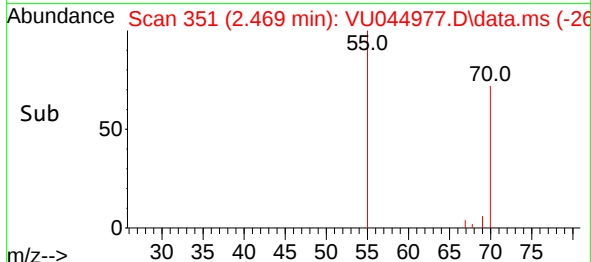
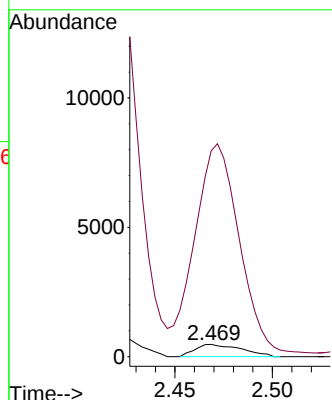
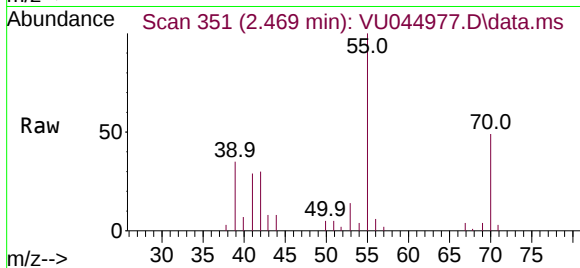
MW-3

Tgt Ion: 56 Resp: 790

Ion Ratio Lower Upper

56 100

55 1625.6 57.4 86.0#



#14

Allyl chloride

Concen: 7.599 ug/l

RT: 2.967 min Scan# 506

Delta R.T. 0.045 min

Lab File: VU044977.D

Acq: 29 Sep 2021 06:04

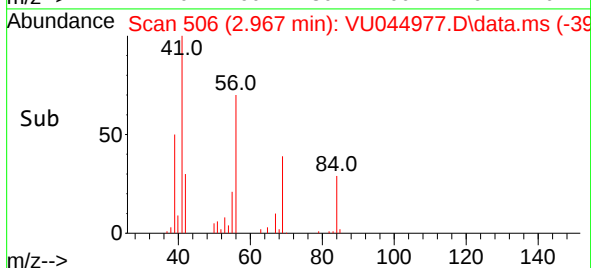
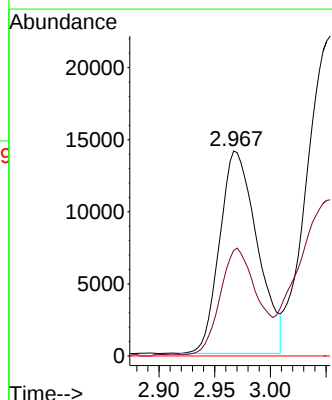
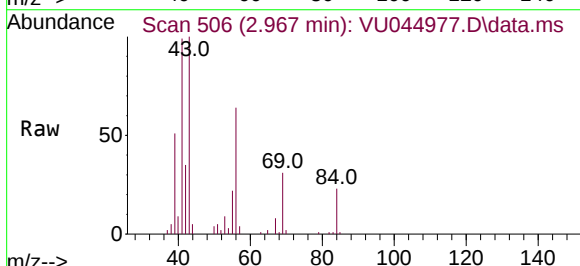
Tgt Ion: 41 Resp: 33102

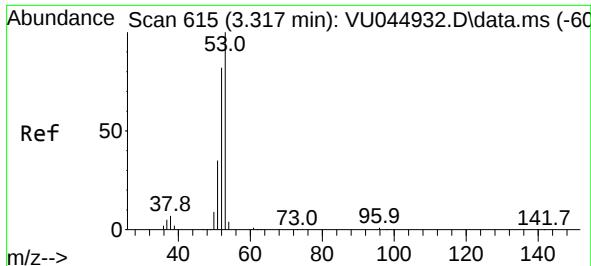
Ion Ratio Lower Upper

41 100

39 51.2 53.0 79.6#

76 0.0 25.7 38.5#

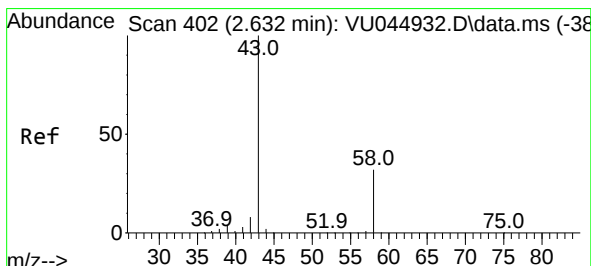
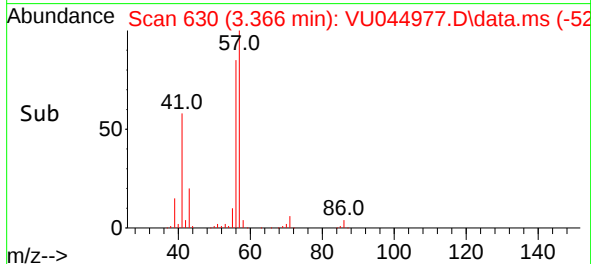
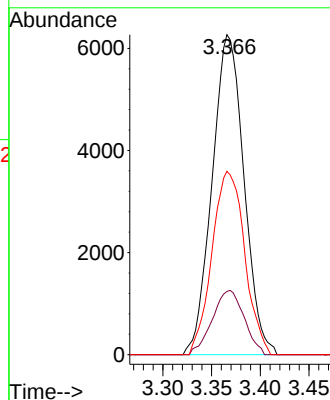
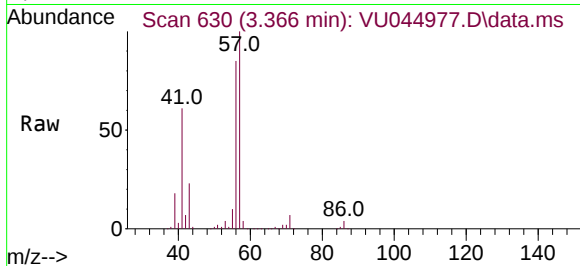




#15
Acrylonitrile
Concen: 7.448 ug/l
RT: 3.366 min Scan# 615
Delta R.T. 0.049 min
Lab File: VU044977.D
Acq: 29 Sep 2021 06:04

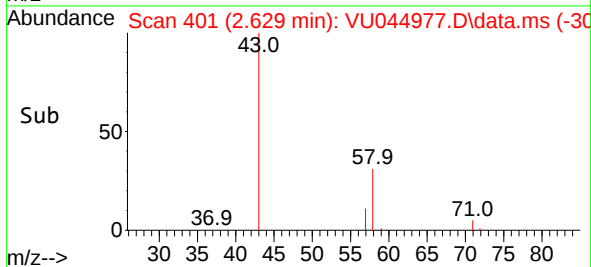
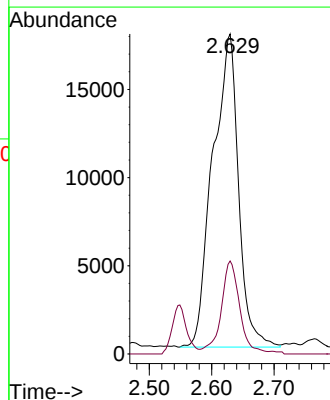
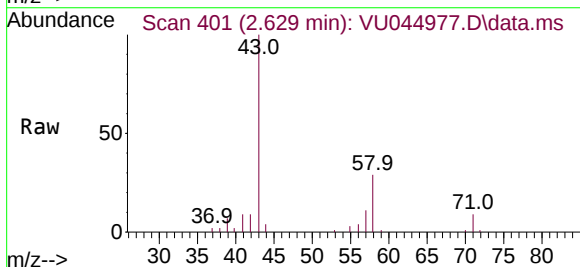
Instrument :
MSVOA_U
ClientSampleId :
MW-3

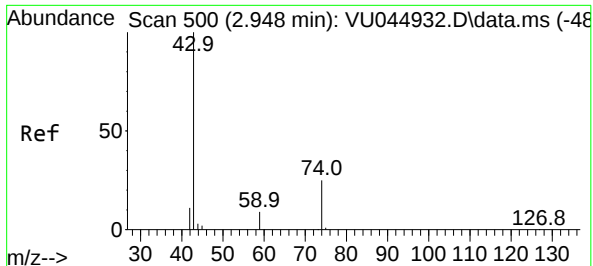
Tgt Ion: 53 Resp: 14248
Ion Ratio Lower Upper
53 100
52 20.1 66.0 99.0#
51 58.8 28.6 42.8#



#16
Acetone
Concen: 25.937 ug/l
RT: 2.629 min Scan# 401
Delta R.T. -0.003 min
Lab File: VU044977.D
Acq: 29 Sep 2021 06:04

Tgt Ion: 43 Resp: 50881
Ion Ratio Lower Upper
43 100
58 29.0 25.2 37.8





#18

Methyl Acetate

Concen: 4.957 ug/l

RT: 2.967 min Scan# 50

Delta R.T. 0.019 min

Lab File: VU044977.D

Acq: 29 Sep 2021 06:04

Instrument :

MSVOA_U

ClientSampleId :

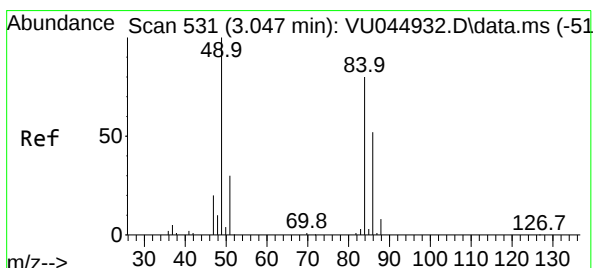
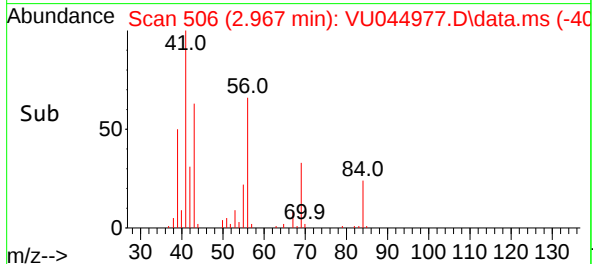
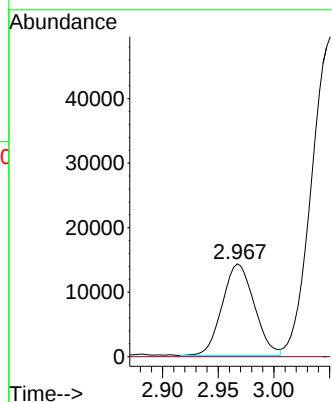
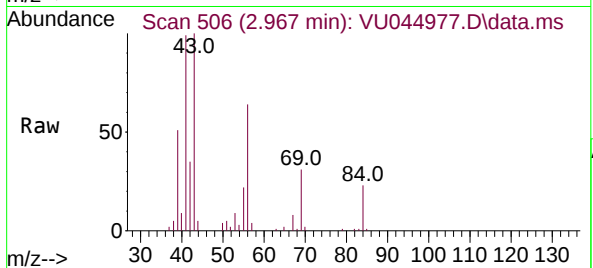
MW-3

Tgt Ion: 43 Resp: 28420

Ion Ratio Lower Upper

43 100

74 0.0 19.0 28.6#



#20

Methylene Chloride

Concen: 0.206 ug/l

RT: 3.044 min Scan# 530

Delta R.T. -0.003 min

Lab File: VU044977.D

Acq: 29 Sep 2021 06:04

Tgt Ion: 84 Resp: 608

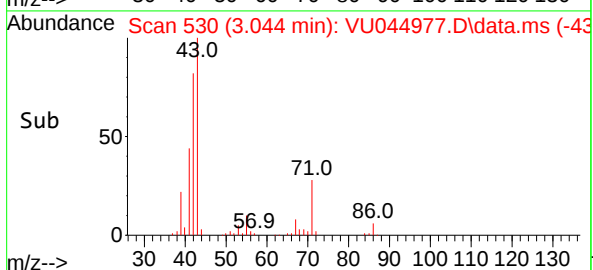
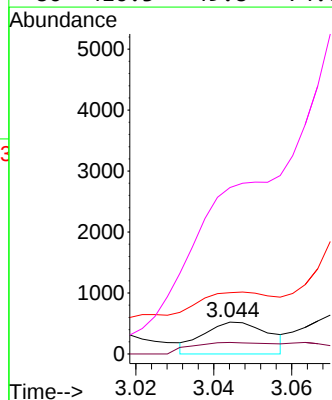
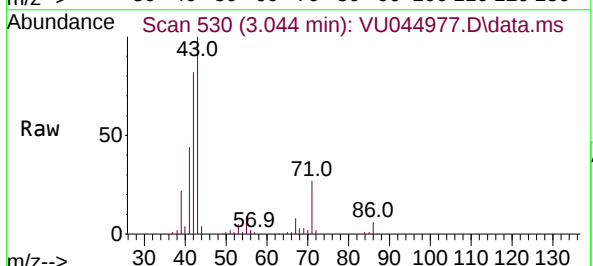
Ion Ratio Lower Upper

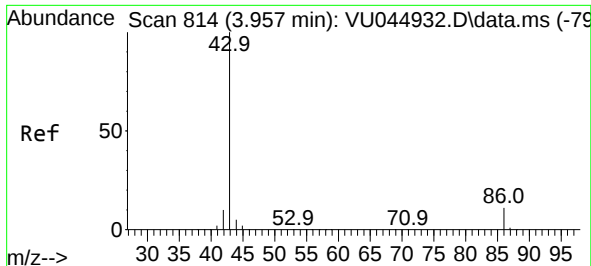
84 100

49 24.6 104.9 157.3#

51 95.6 31.8 47.8#

86 416.3 49.8 74.6#

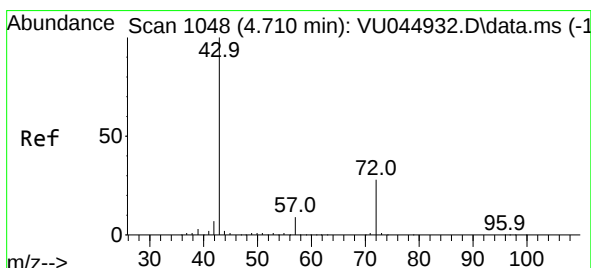
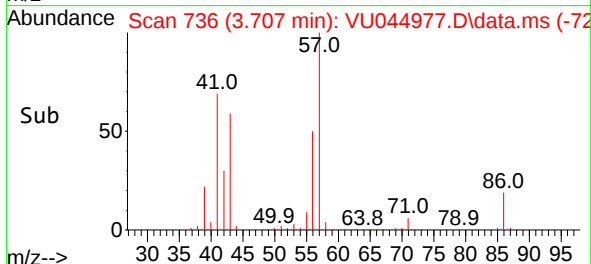
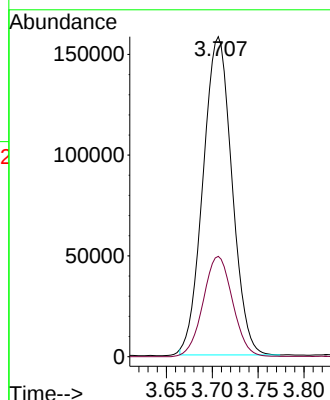
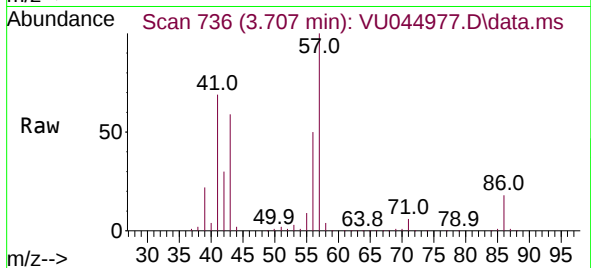




#23
 Vinyl Acetate
 Concen: 47.808 ug/l
 RT: 3.707 min Scan# 71
 Delta R.T. -0.250 min
 Lab File: VU044977.D
 Acq: 29 Sep 2021 06:04

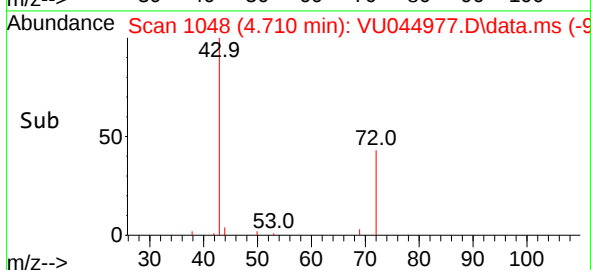
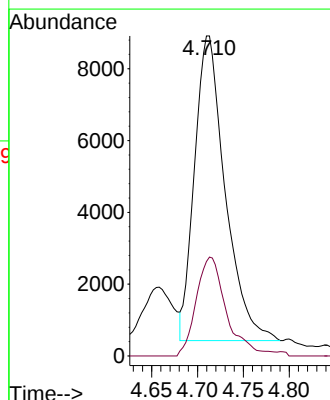
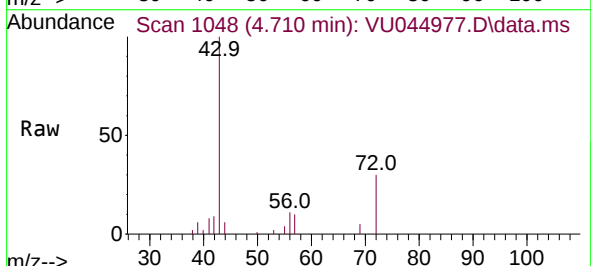
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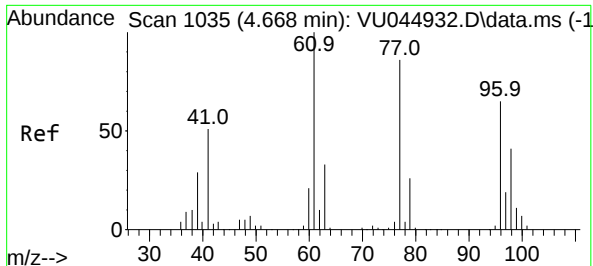
Tgt Ion: 43 Resp: 345817
 Ion Ratio Lower Upper
 43 100
 86 31.4 8.2 12.4#



#25
 2-Butanone
 Concen: 7.061 ug/l
 RT: 4.710 min Scan# 1048
 Delta R.T. -0.000 min
 Lab File: VU044977.D
 Acq: 29 Sep 2021 06:04

Tgt Ion: 43 Resp: 19681
 Ion Ratio Lower Upper
 43 100
 72 29.6 21.3 31.9





#26

2,2-Dichloropropane

Concen: 1.444 ug/l

RT: 4.539 min Scan# 995

Delta R.T. -0.129 min

Lab File: VU044977.D

Acq: 29 Sep 2021 06:04

Instrument :

MSVOA_U

ClientSampleId :

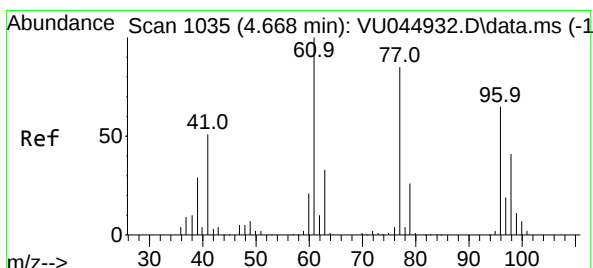
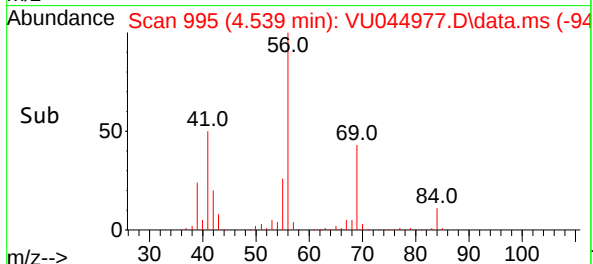
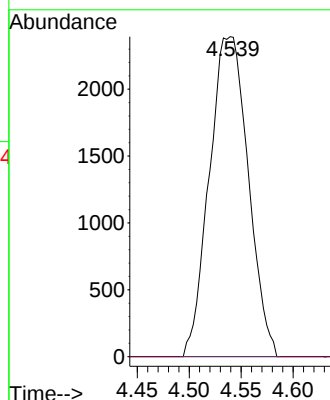
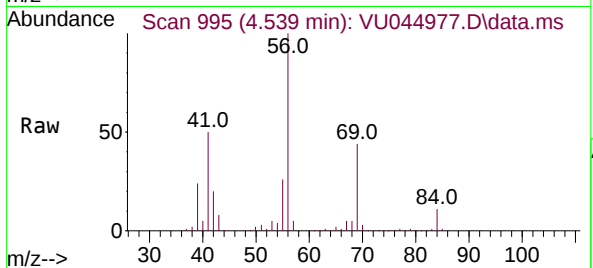
MW-3

Tgt Ion: 77 Resp: 6234

Ion Ratio Lower Upper

77 100

97 0.0 10.8 32.4#



#27

cis-1,2-Dichloroethene

Concen: 0.401 ug/l

RT: 4.674 min Scan# 1037

Delta R.T. 0.006 min

Lab File: VU044977.D

Acq: 29 Sep 2021 06:04

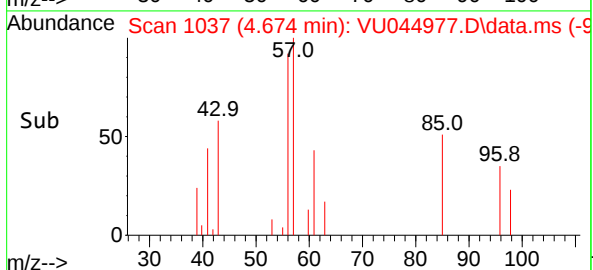
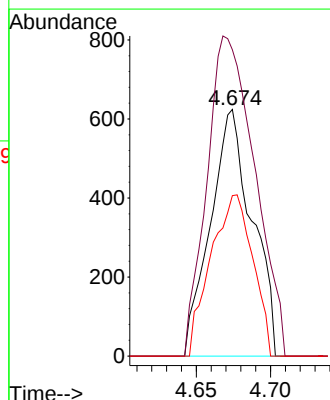
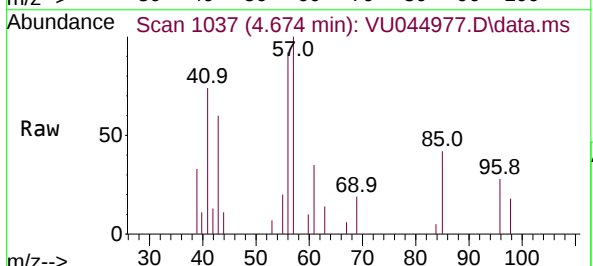
Tgt Ion: 96 Resp: 1220

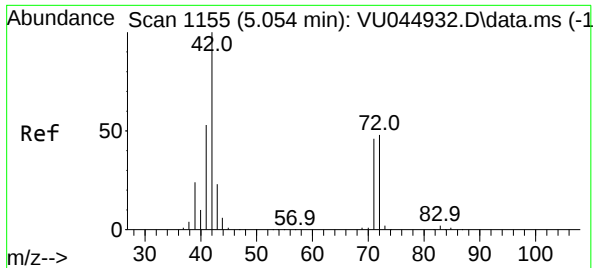
Ion Ratio Lower Upper

96 100

61 148.9 0.0 313.4

98 65.6 0.0 127.0





#29

Tetrahydrofuran

Concen: 0.835 ug/l

RT: 5.092 min Scan# 1167

Delta R.T. 0.038 min

Lab File: VU044977.D

Acq: 29 Sep 2021 06:04

Instrument :

MSVOA_U

ClientSampleId :

MW-3

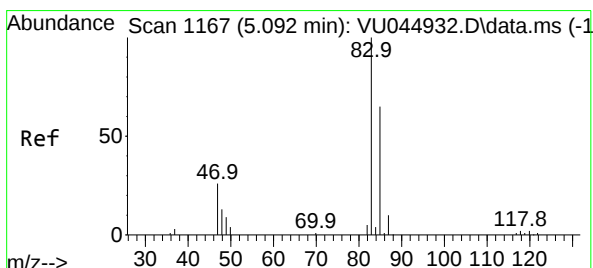
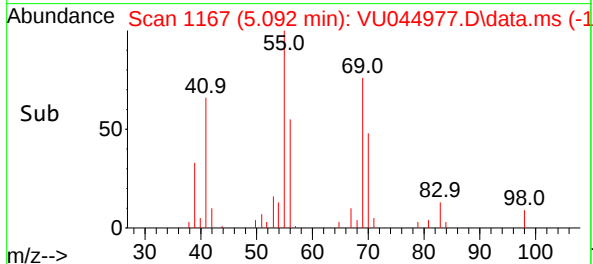
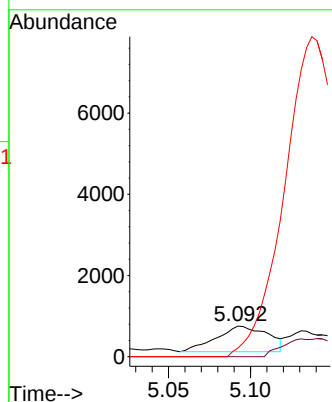
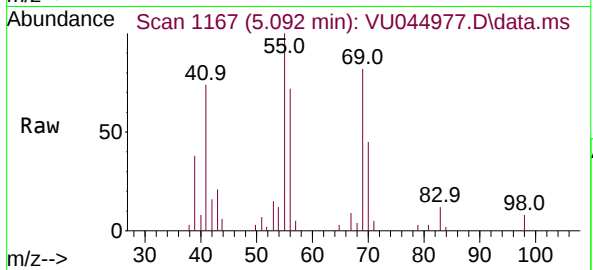
Tgt Ion: 42 Resp: 1385

Ion Ratio Lower Upper

42 100

72 0.0 36.2 54.4#

71 0.0 34.1 51.1#



#30

Chloroform

Concen: 1.067 ug/l

RT: 5.131 min Scan# 1179

Delta R.T. 0.039 min

Lab File: VU044977.D

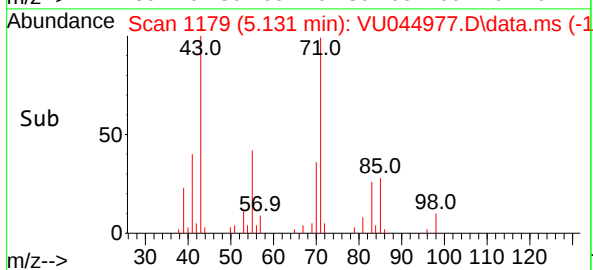
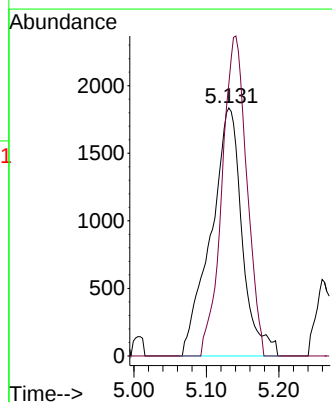
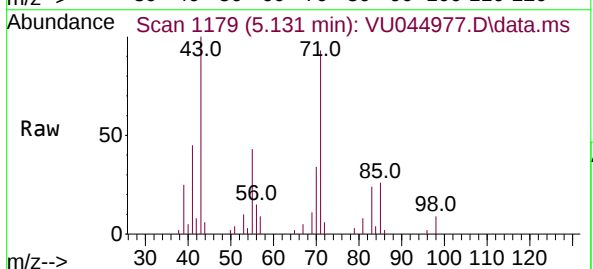
Acq: 29 Sep 2021 06:04

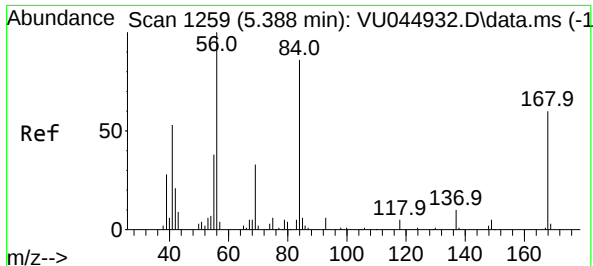
Tgt Ion: 83 Resp: 5489

Ion Ratio Lower Upper

83 100

85 109.8 52.1 78.1#

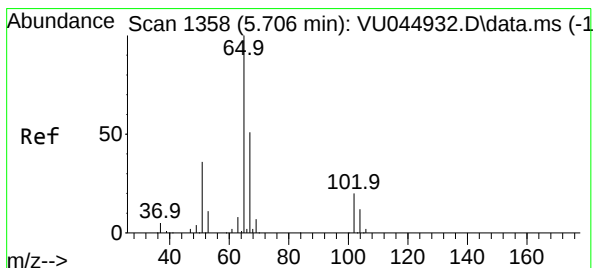
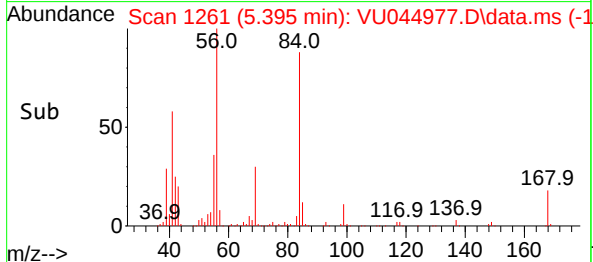
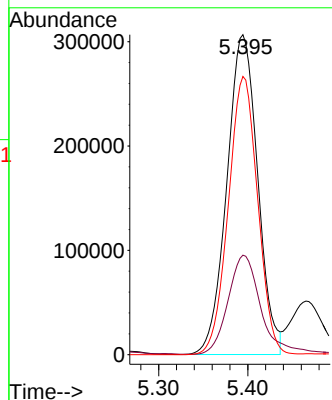
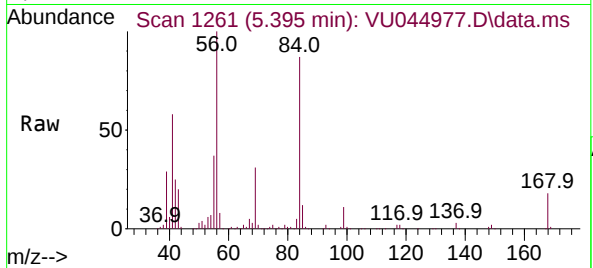




#31
Cyclohexane
Concen: 147.040 ug/l
RT: 5.395 min Scan# 1261
Delta R.T. 0.007 min
Lab File: VU044977.D
Acq: 29 Sep 2021 06:04

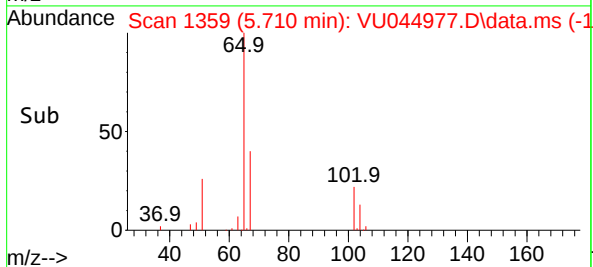
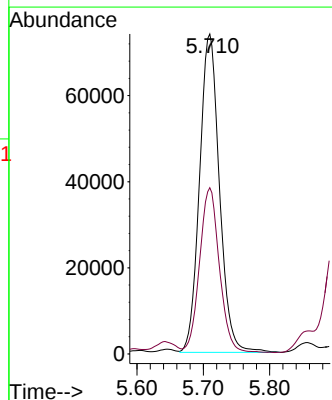
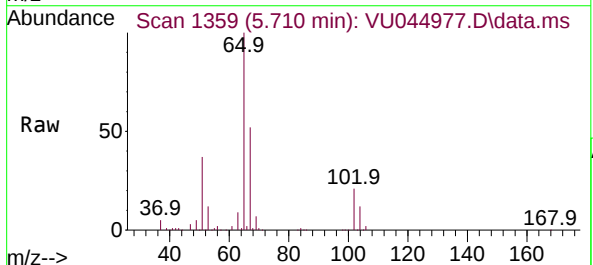
Instrument :
MSVOA_U
ClientSampleId :
MW-3

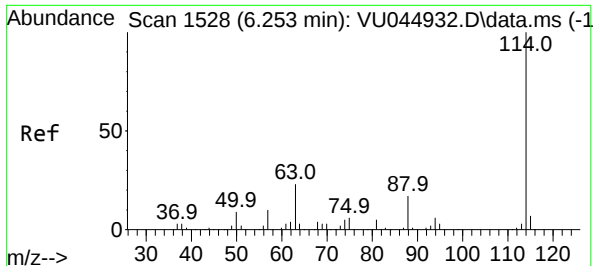
Tgt Ion: 56 Resp: 738175
Ion Ratio Lower Upper
56 100
69 30.9 25.2 37.8
84 87.0 66.4 99.6



#33
1,2-Dichloroethane-d4
Concen: 46.759 ug/l
RT: 5.710 min Scan# 1359
Delta R.T. 0.004 min
Lab File: VU044977.D
Acq: 29 Sep 2021 06:04

Tgt Ion: 65 Resp: 154536
Ion Ratio Lower Upper
65 100
67 51.4 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.253 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU044977.D

Acq: 29 Sep 2021 06:04

Instrument :

MSVOA_U

ClientSampleId :

MW-3

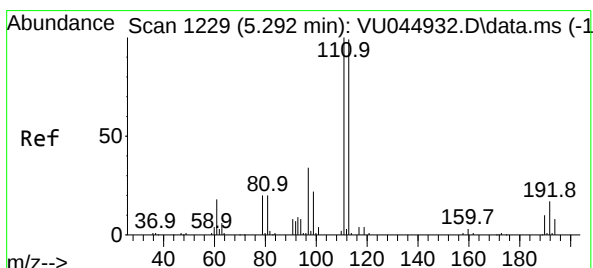
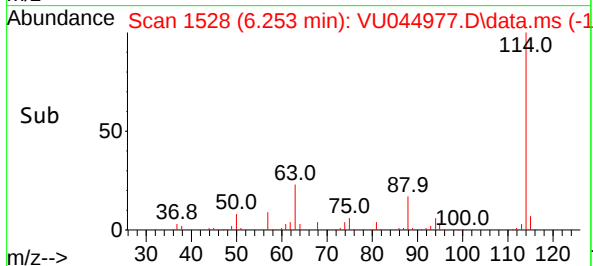
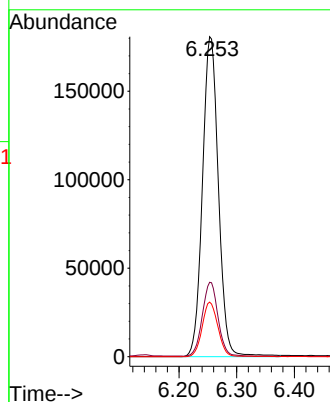
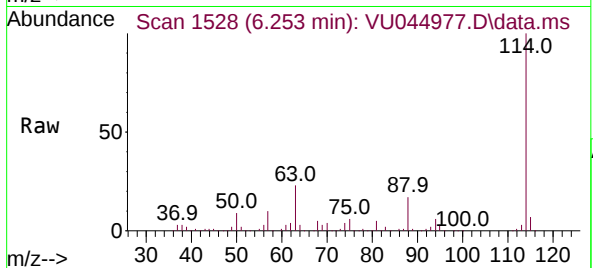
Tgt Ion:114 Resp: 346861

Ion Ratio Lower Upper

114 100

63 23.1 0.0 47.8

88 17.1 0.0 32.8



#35

Dibromofluoromethane

Concen: 50.678 ug/l

RT: 5.295 min Scan# 1230

Delta R.T. 0.003 min

Lab File: VU044977.D

Acq: 29 Sep 2021 06:04

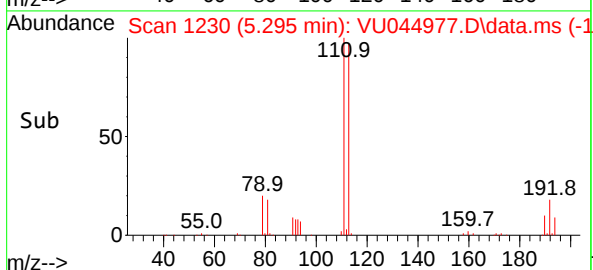
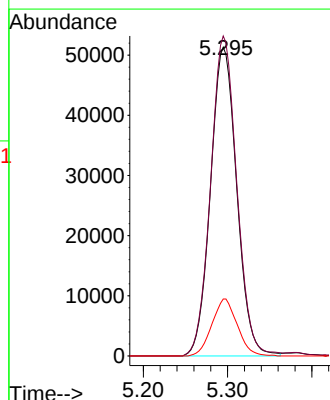
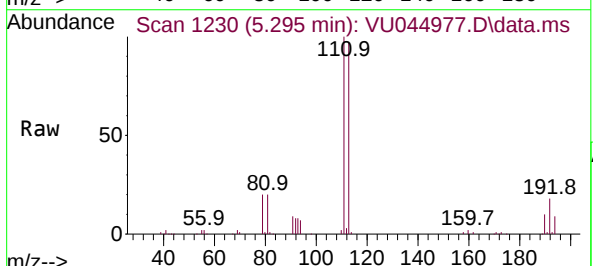
Tgt Ion:113 Resp: 110889

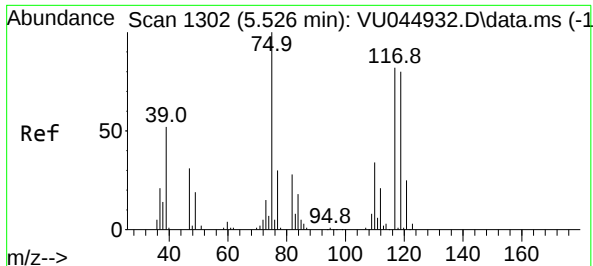
Ion Ratio Lower Upper

113 100

111 103.5 84.1 126.1

192 17.9 14.8 22.2





#36

1,1-Dichloropropene

Concen: 5.389 ug/l

RT: 5.378 min Scan# 11

Delta R.T. -0.148 min

Lab File: VU044977.D

Acq: 29 Sep 2021 06:04

Instrument :

MSVOA_U

ClientSampleId :

MW-3

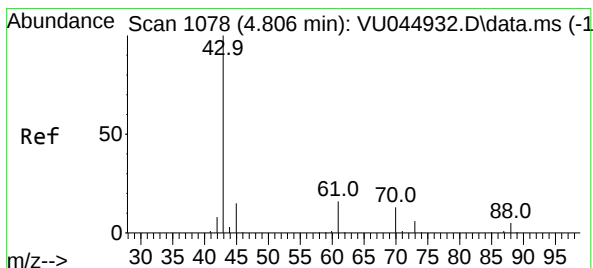
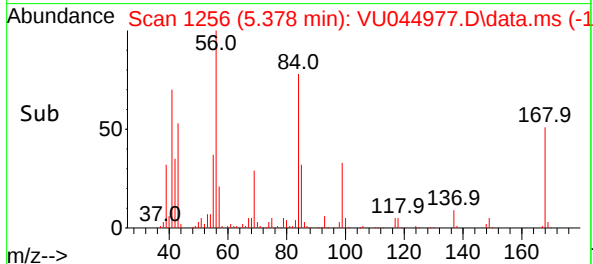
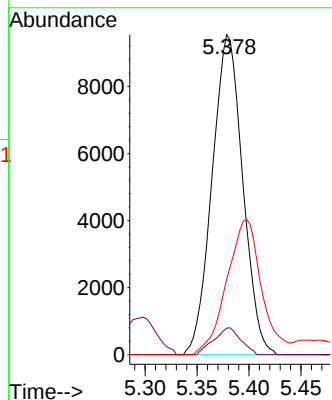
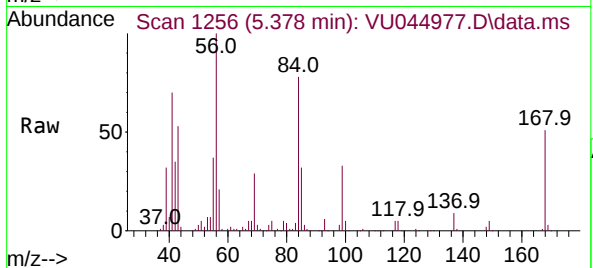
Tgt Ion: 75 Resp: 19549

Ion Ratio Lower Upper

75 100

110 7.4 16.3 48.9#

77 0.0 25.0 37.4#



#37

Ethyl Acetate

Concen: 4.155 ug/l

RT: 4.710 min Scan# 1048

Delta R.T. -0.096 min

Lab File: VU044977.D

Acq: 29 Sep 2021 06:04

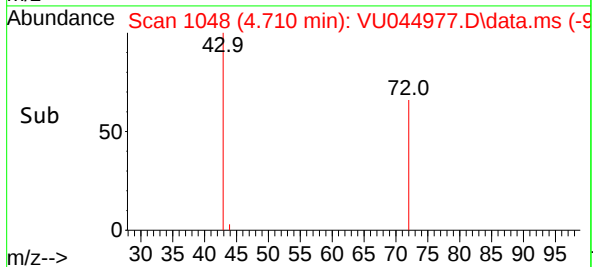
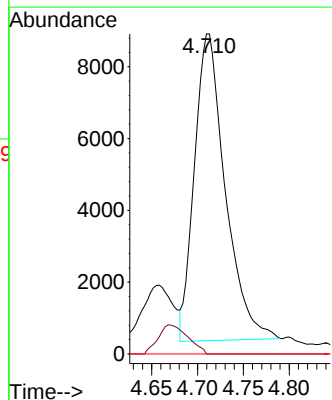
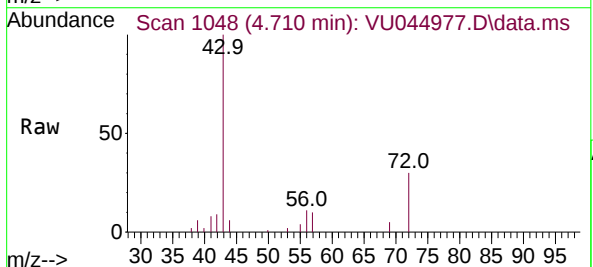
Tgt Ion: 43 Resp: 19943

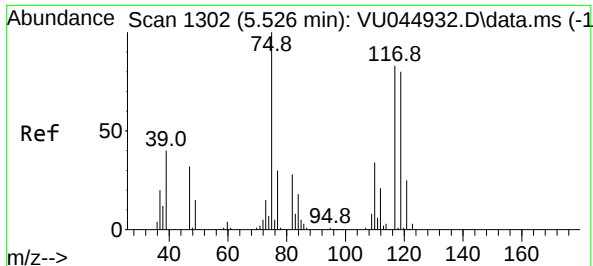
Ion Ratio Lower Upper

43 100

61 0.0 10.9 16.3#

70 0.0 8.2 12.4#

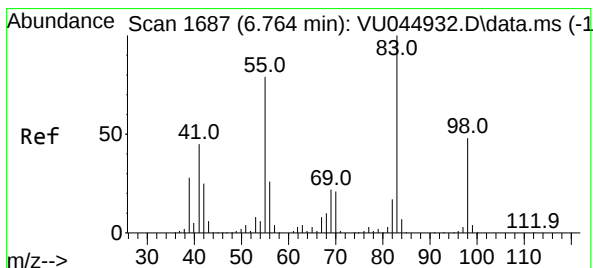
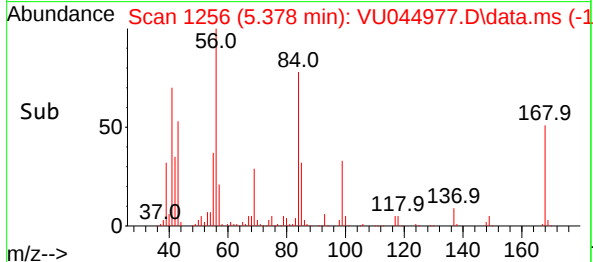
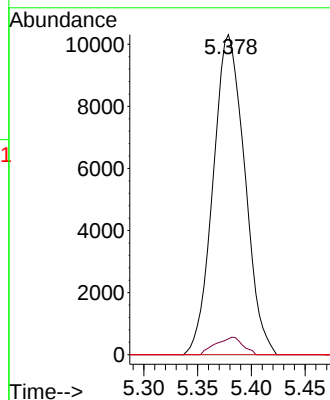
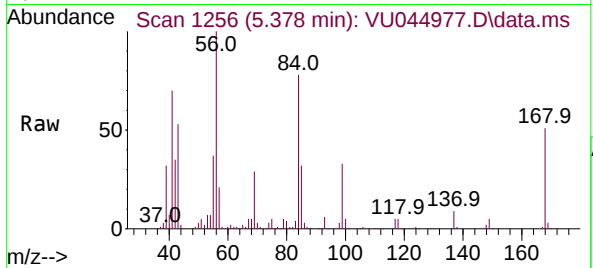




#38
Carbon Tetrachloride
Concen: 6.719 ug/l
RT: 5.378 min Scan# 11
Delta R.T. -0.148 min
Lab File: VU044977.D
Acq: 29 Sep 2021 06:04

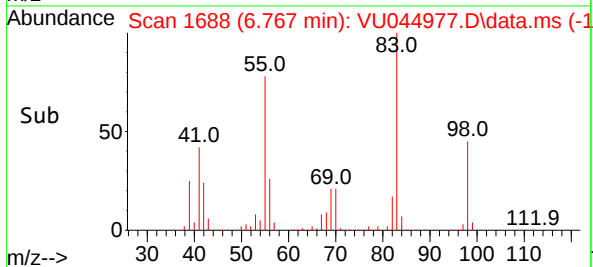
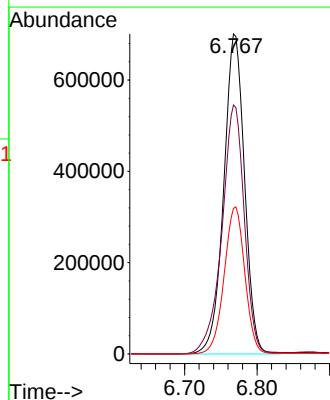
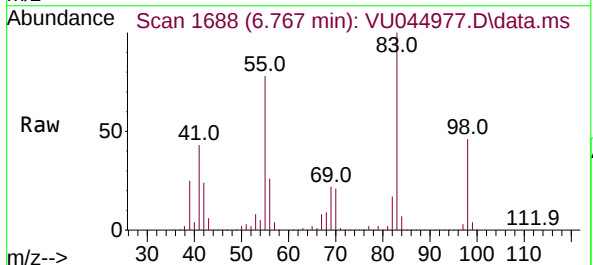
Instrument :
MSVOA_U
ClientSampleId :
MW-3

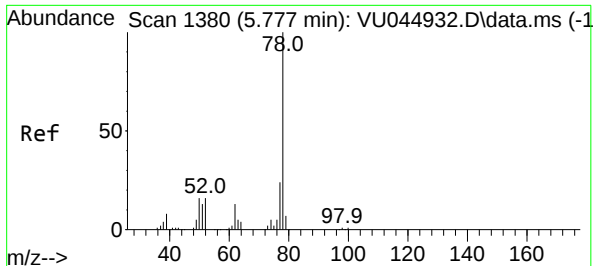
Tgt Ion: 117 Resp: 21091
Ion Ratio Lower Upper
117 100
119 5.0 77.4 116.2#
121 0.0 24.5 36.7#



#39
Methylcyclohexane
Concen: 313.796 ug/l
RT: 6.767 min Scan# 1688
Delta R.T. 0.003 min
Lab File: VU044977.D
Acq: 29 Sep 2021 06:04

Tgt Ion: 83 Resp: 1397339
Ion Ratio Lower Upper
83 100
55 77.8 66.2 99.4
98 45.5 37.5 56.3

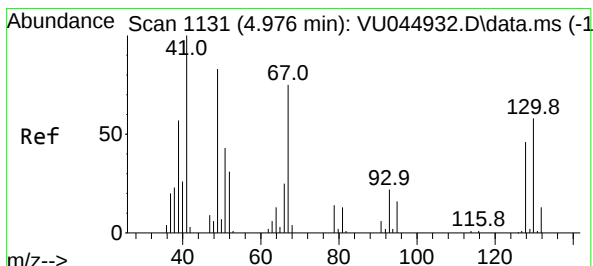
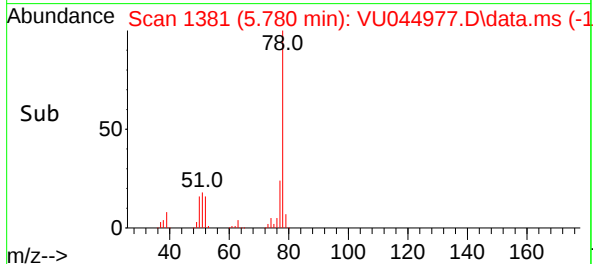
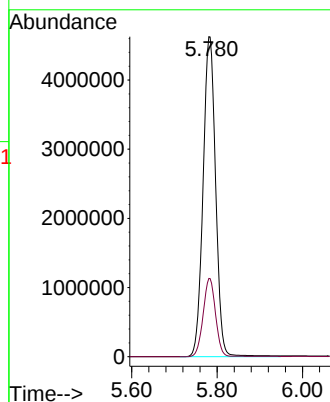
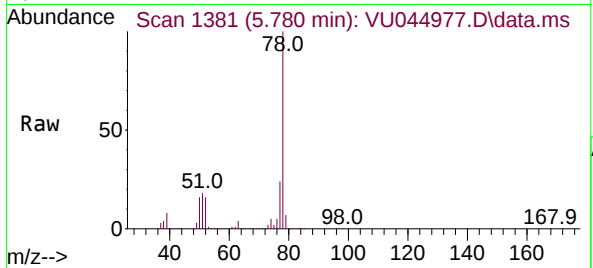




#40
Benzene
Concen: 875.710 ug/l
RT: 5.780 min Scan# 1139
Delta R.T. 0.003 min
Lab File: VU044977.D
Acq: 29 Sep 2021 06:04

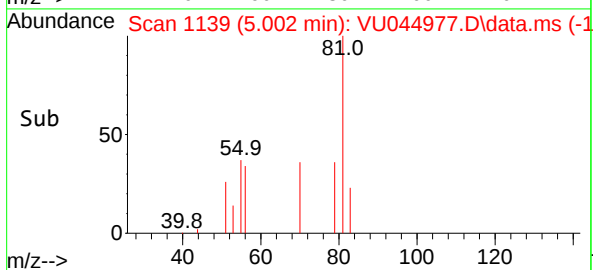
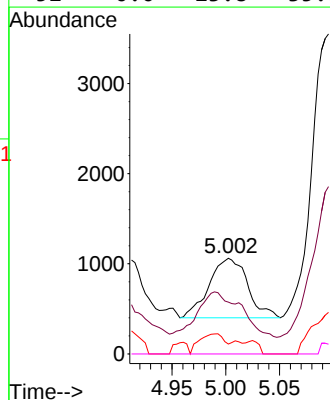
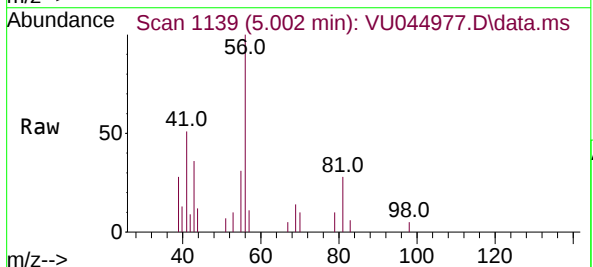
Instrument :
MSVOA_U
ClientSampleId :
MW-3

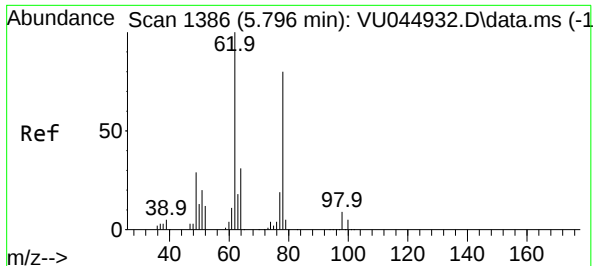
Tgt Ion: 78 Resp: 9460748
Ion Ratio Lower Upper
78 100
77 24.5 19.1 28.7



#41
Methacrylonitrile
Concen: 0.667 ug/l
RT: 5.002 min Scan# 1139
Delta R.T. 0.026 min
Lab File: VU044977.D
Acq: 29 Sep 2021 06:04

Tgt Ion: 41 Resp: 1648
Ion Ratio Lower Upper
41 100
39 85.6 44.4 66.6#
67 22.1 58.1 87.1#
52 0.0 23.8 35.8#





#42

1,2-Dichloroethane

Concen: 19.968 ug/l

RT: 5.780 min Scan# 1386

Delta R.T. -0.016 min

Lab File: VU044977.D

Acq: 29 Sep 2021 06:04

Instrument :

MSVOA_U

ClientSampleId :

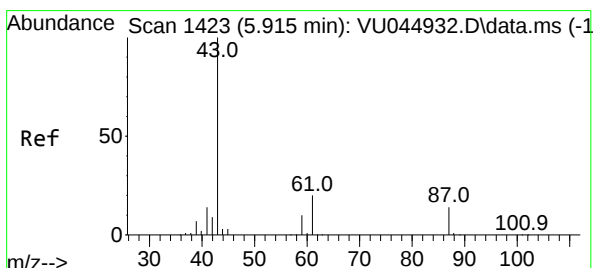
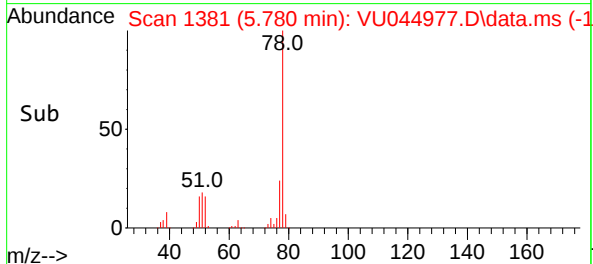
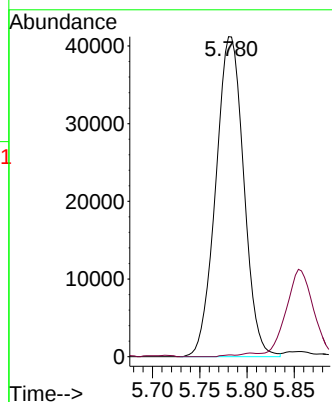
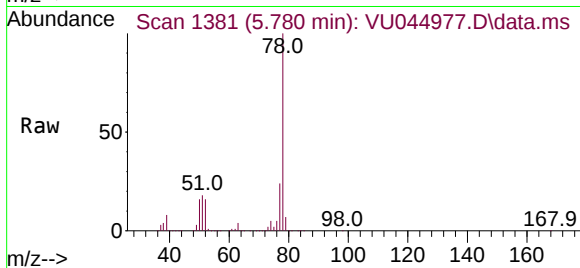
MW-3

Tgt Ion: 62 Resp: 84788

Ion Ratio Lower Upper

62 100

98 0.0 0.0 17.8



#43

Isopropyl Acetate

Concen: 1.871 ug/l

RT: 5.928 min Scan# 1427

Delta R.T. 0.013 min

Lab File: VU044977.D

Acq: 29 Sep 2021 06:04

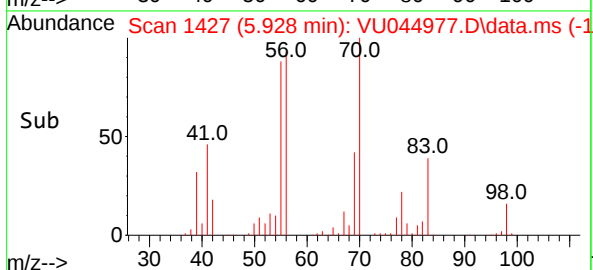
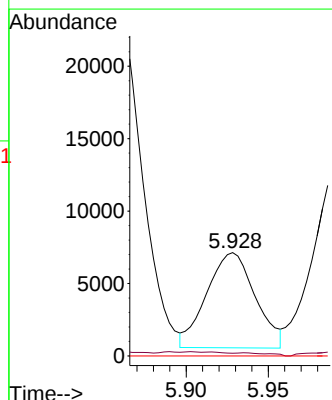
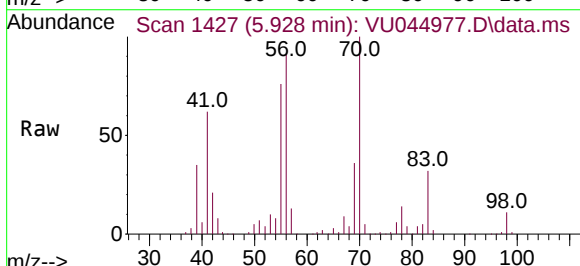
Tgt Ion: 43 Resp: 13511

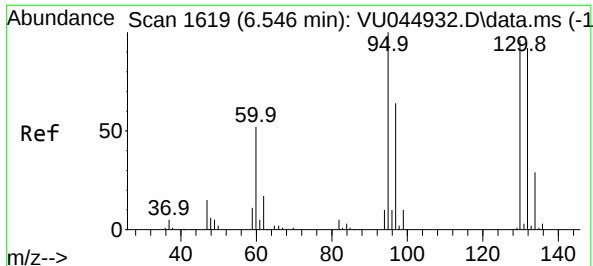
Ion Ratio Lower Upper

43 100

61 0.0 16.1 24.1#

87 0.0 10.3 15.5#

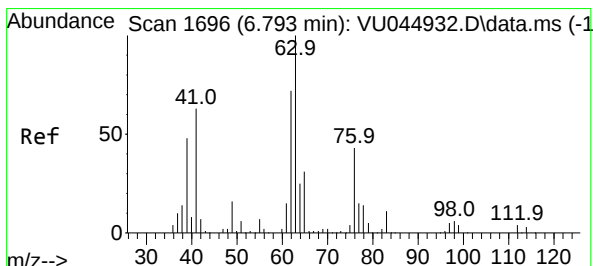
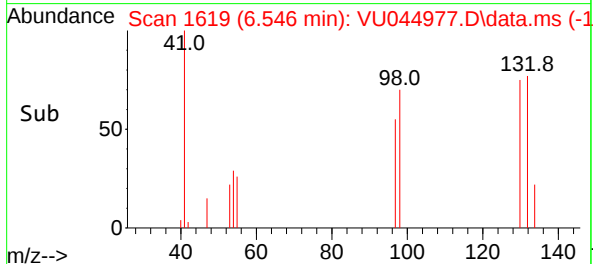
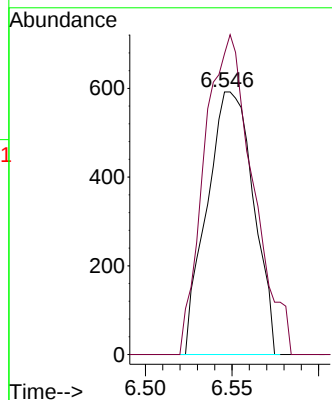
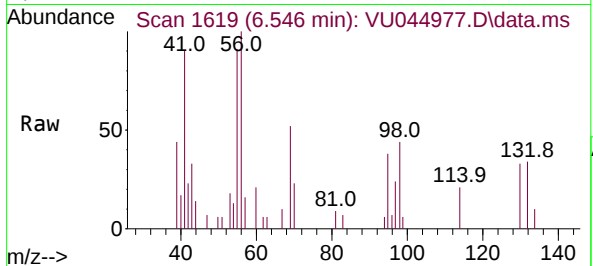




#44
Trichloroethene
Concen: 0.433 ug/l
RT: 6.546 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU044977.D
Acq: 29 Sep 2021 06:04

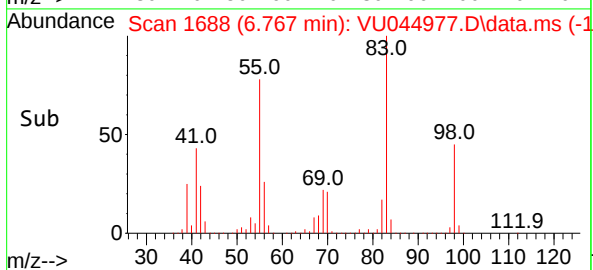
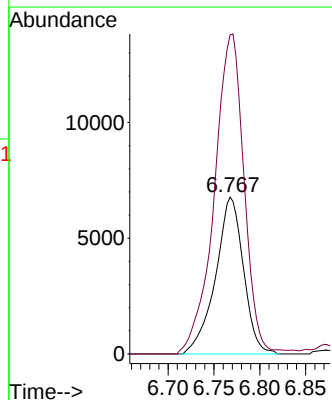
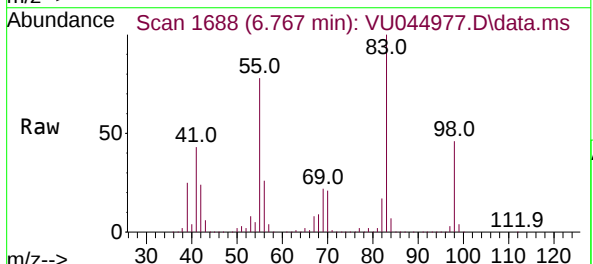
Instrument :
MSVOA_U
ClientSampleId :
MW-3

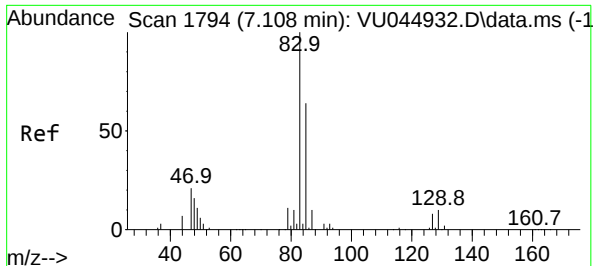
Tgt Ion:130 Resp: 1104
Ion Ratio Lower Upper
130 100
95 114.5 0.0 209.0



#45
1,2-Dichloropropane
Concen: 5.011 ug/l
RT: 6.767 min Scan# 1688
Delta R.T. -0.026 min
Lab File: VU044977.D
Acq: 29 Sep 2021 06:04

Tgt Ion: 63 Resp: 14352
Ion Ratio Lower Upper
63 100
65 201.2 23.9 35.9#

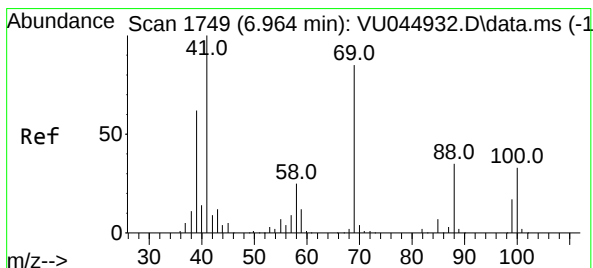
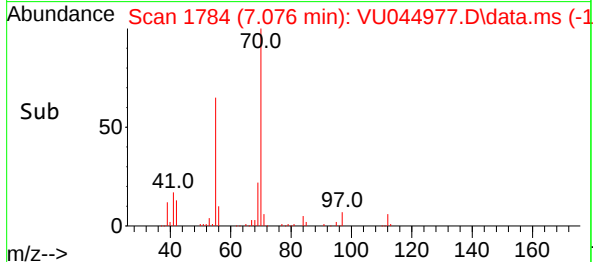
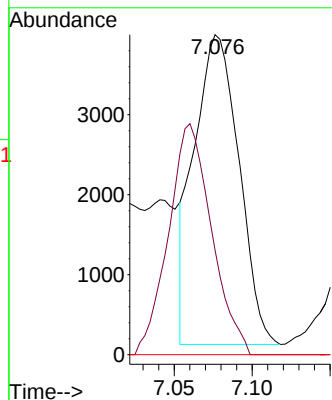
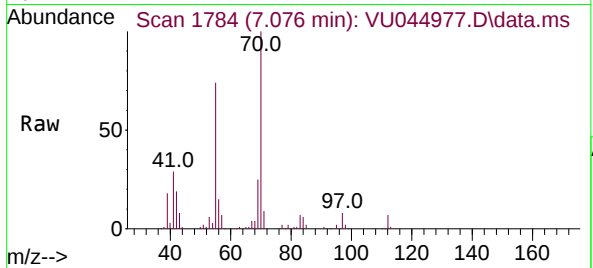




#47
Bromodichloromethane
Concen: 2.058 ug/l
RT: 7.076 min Scan# 1
Delta R.T. -0.032 min
Lab File: VU044977.D
Acq: 29 Sep 2021 06:04

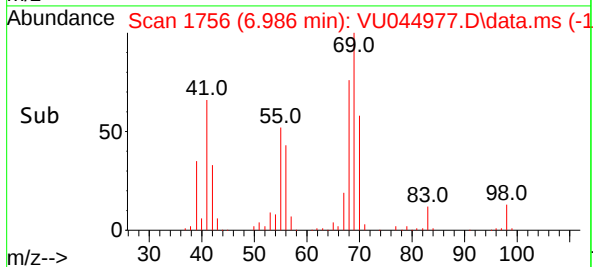
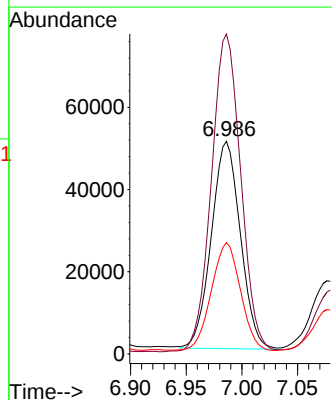
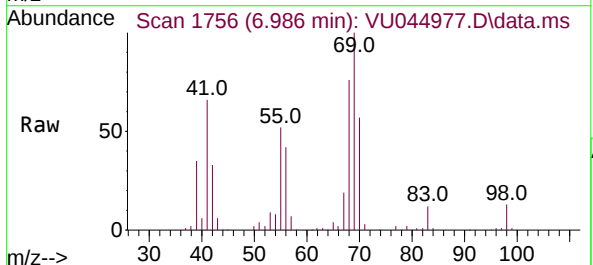
Instrument :
MSVOA_U
ClientSampleId :
MW-3

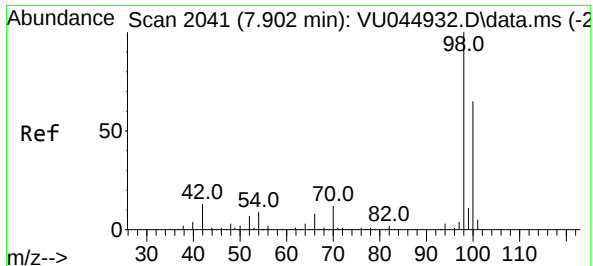
Tgt Ion: 83 Resp: 7710
Ion Ratio Lower Upper
83 100
85 33.7 51.6 77.4#
127 0.0 6.2 9.4#



#48
Methyl methacrylate
Concen: 26.089 ug/l
RT: 6.986 min Scan# 1756
Delta R.T. 0.022 min
Lab File: VU044977.D
Acq: 29 Sep 2021 06:04

Tgt Ion: 41 Resp: 91692
Ion Ratio Lower Upper
41 100
69 155.2 65.6 98.4#
39 51.9 46.2 69.4

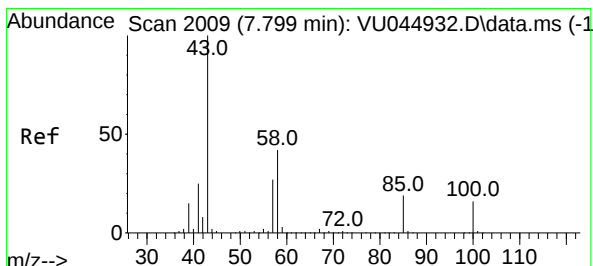
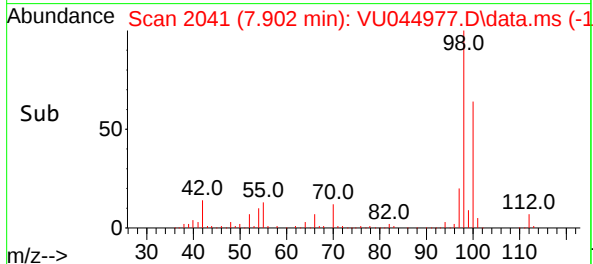
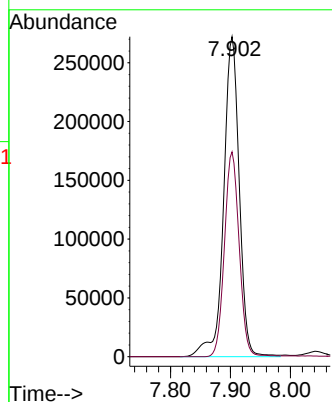
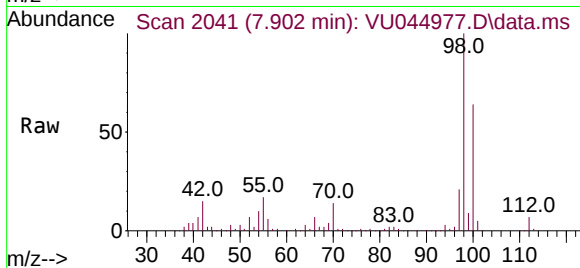




#50
Toluene-d8
Concen: 56.708 ug/l
RT: 7.902 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VU044977.D
Acq: 29 Sep 2021 06:04

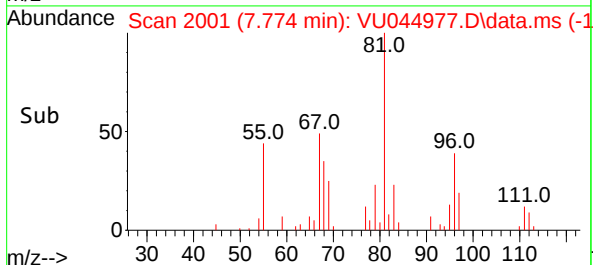
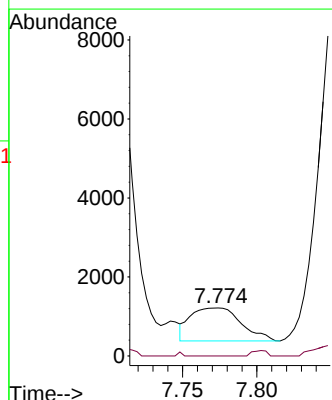
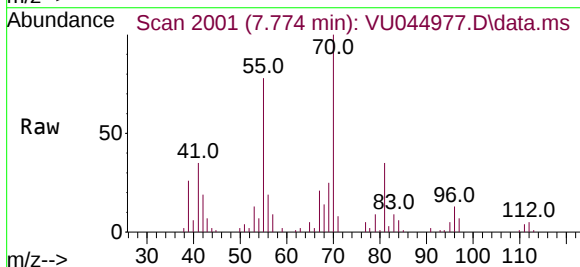
Instrument :
MSVOA_U
ClientSampleId :
MW-3

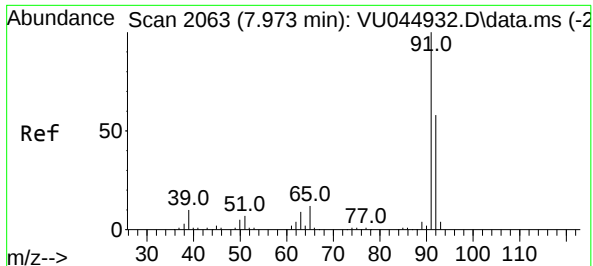
Tgt Ion: 98 Resp: 490277
Ion Ratio Lower Upper
98 100
100 60.3 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.380 ug/l
RT: 7.774 min Scan# 2001
Delta R.T. -0.025 min
Lab File: VU044977.D
Acq: 29 Sep 2021 06:04

Tgt Ion: 43 Resp: 1995
Ion Ratio Lower Upper
43 100
58 0.0 32.4 48.6#

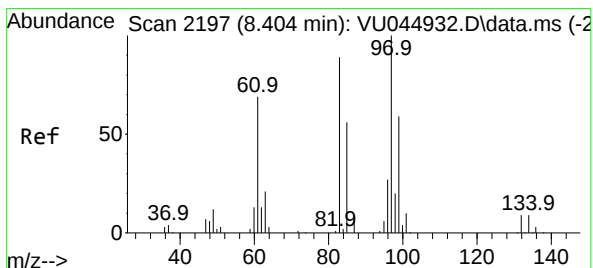
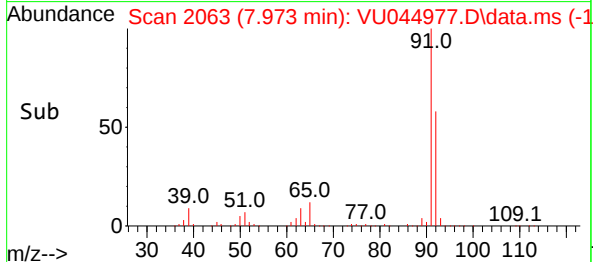
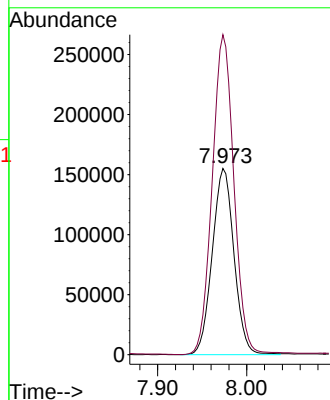
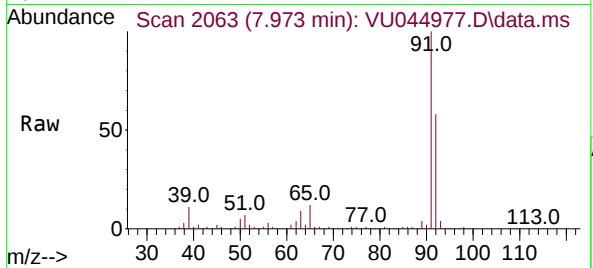




#52
Toluene
Concen: 38.904 ug/l
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU044977.D
Acq: 29 Sep 2021 06:04

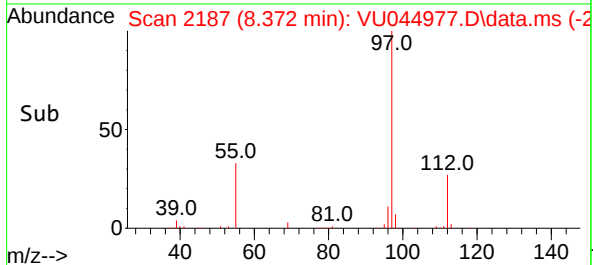
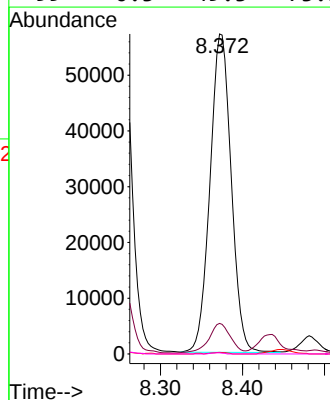
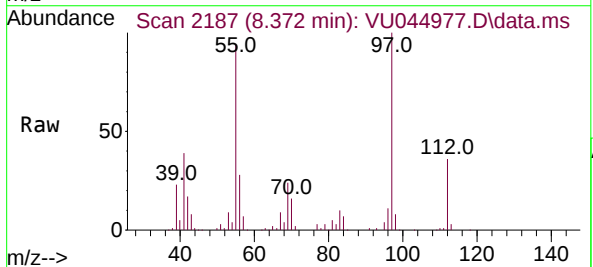
Instrument :
MSVOA_U
ClientSampleId :
MW-3

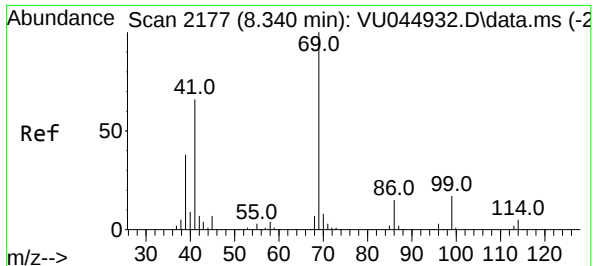
Tgt Ion: 92 Resp: 263051
Ion Ratio Lower Upper
92 100
91 171.9 136.9 205.3



#55
1,1,2-Trichloroethane
Concen: 36.392 ug/l
RT: 8.372 min Scan# 2187
Delta R.T. -0.032 min
Lab File: VU044977.D
Acq: 29 Sep 2021 06:04

Tgt Ion: 97 Resp: 102528
Ion Ratio Lower Upper
97 100
83 9.2 69.7 104.5#
85 0.5 44.8 67.2#
99 0.3 49.3 73.9#

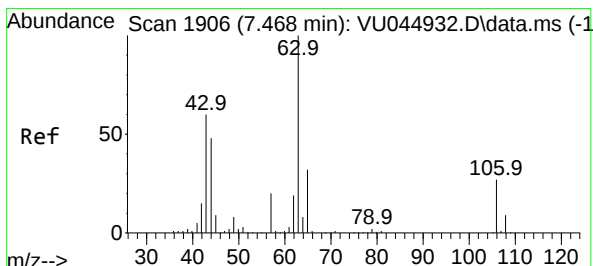
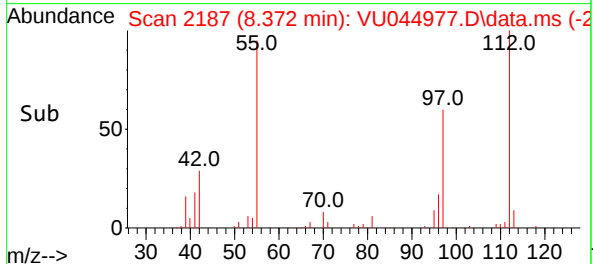
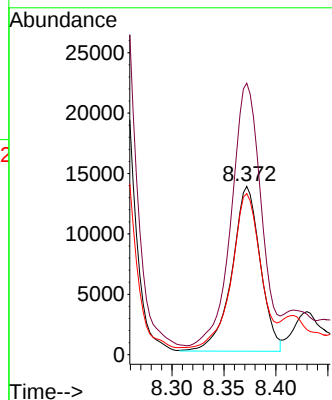
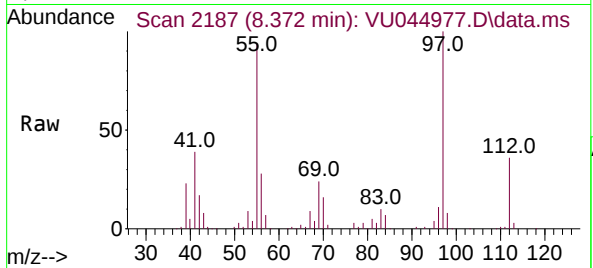




#56
Ethyl methacrylate
Concen: 6.384 ug/l
RT: 8.372 min Scan# 2177
Delta R.T. 0.032 min
Lab File: VU044977.D
Acq: 29 Sep 2021 06:04

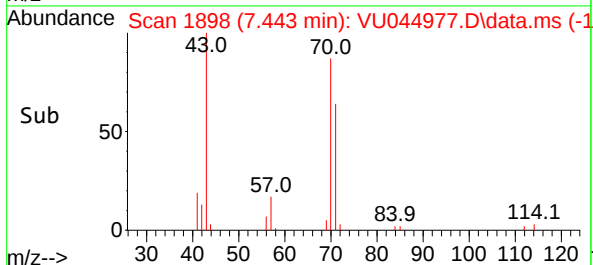
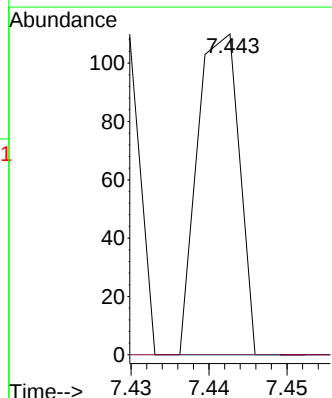
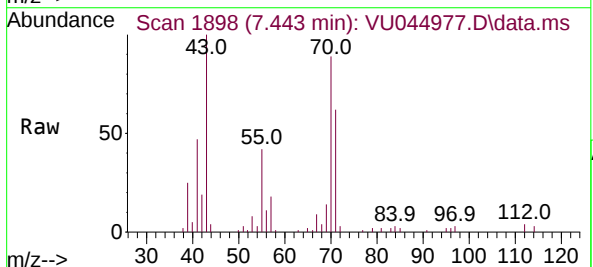
Instrument :
MSVOA_U
ClientSampleId :
MW-3

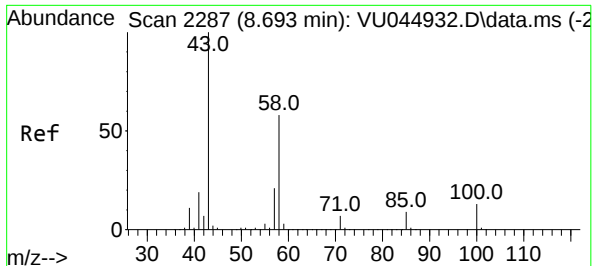
Tgt Ion: 69 Resp: 25904
Ion Ratio Lower Upper
69 100
41 165.8 53.5 80.3#
39 93.3 31.1 46.7#



#58
2-Chloroethyl Vinyl ether
Concen: 21.893 ug/l
RT: 7.443 min Scan# 1898
Delta R.T. -0.025 min
Lab File: VU044977.D
Acq: 29 Sep 2021 06:04

Tgt Ion: 63 Resp: 41
Ion Ratio Lower Upper
63 100
106 0.0 20.5 30.7#

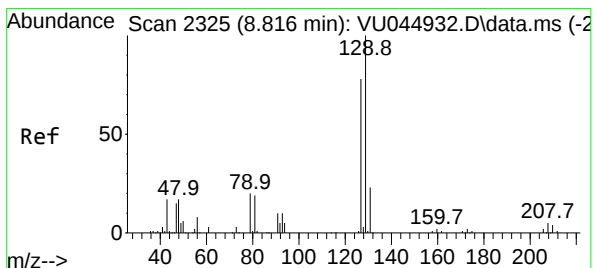
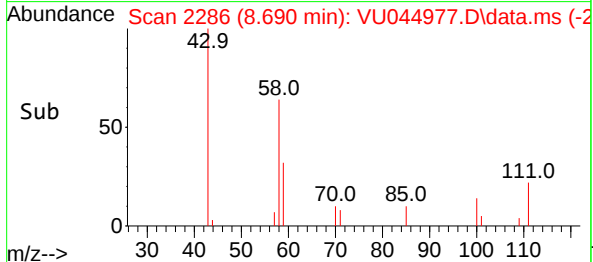
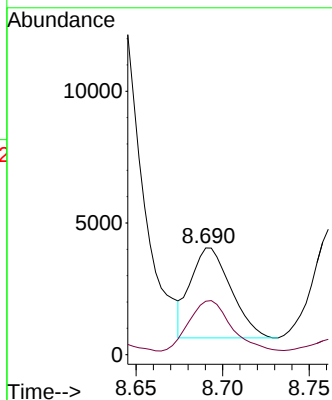
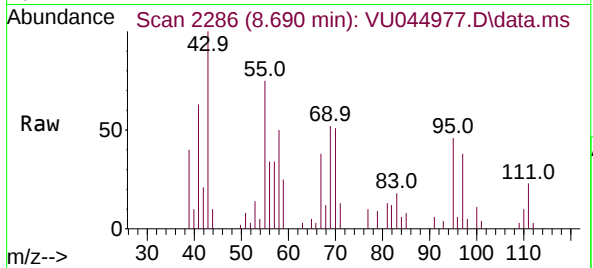




#59
2-Hexanone
Concen: 1.290 ug/l
RT: 8.690 min Scan# 211
Delta R.T. -0.003 min
Lab File: VU044977.D
Acq: 29 Sep 2021 06:04

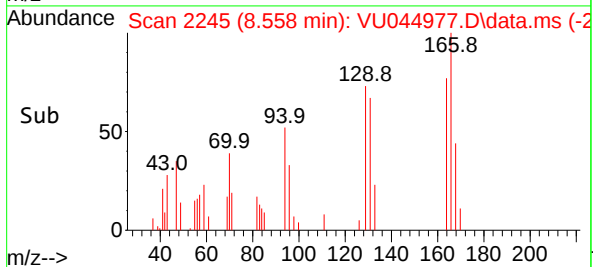
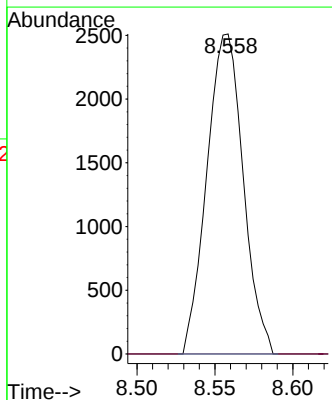
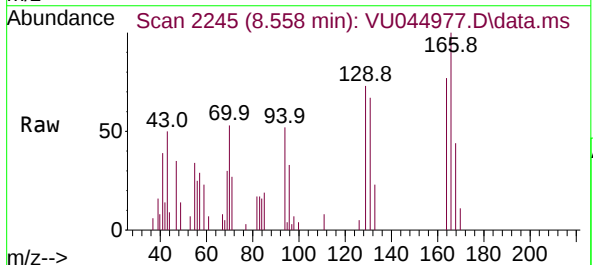
Instrument :
MSVOA_U
ClientSampleId :
MW-3

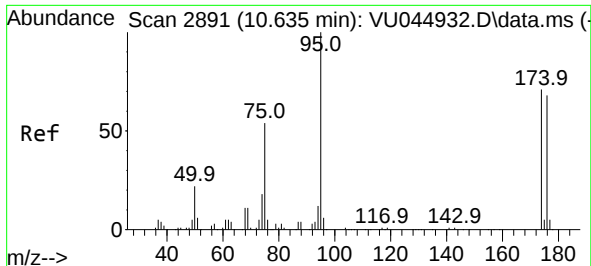
Tgt Ion: 43 Resp: 5523
Ion Ratio Lower Upper
43 100
58 61.0 28.0 84.0



#60
Dibromochloromethane
Concen: 3.481 ug/l
RT: 8.558 min Scan# 2245
Delta R.T. -0.258 min
Lab File: VU044977.D
Acq: 29 Sep 2021 06:04

Tgt Ion: 129 Resp: 4074
Ion Ratio Lower Upper
129 100
127 0.0 39.0 117.0#

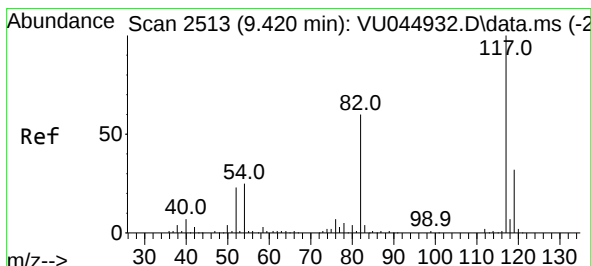
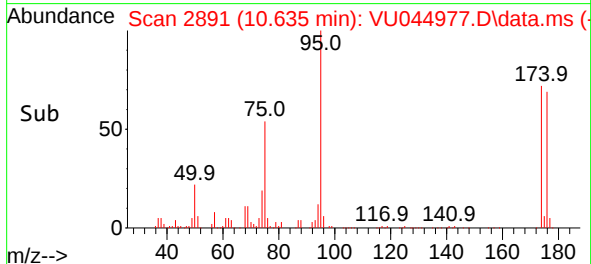
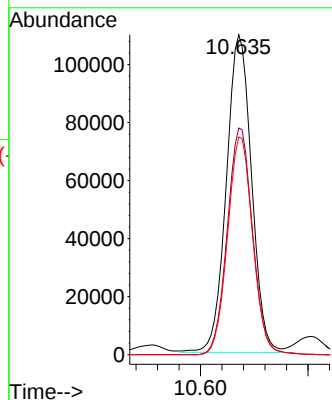
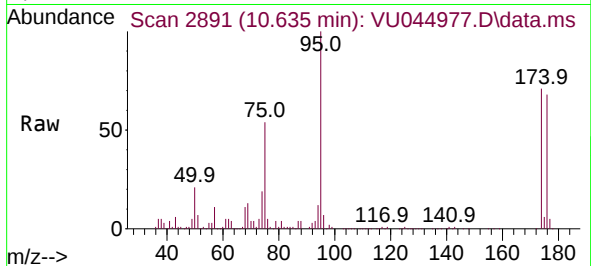




#62
4-Bromofluorobenzene
Concen: 49.805 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. 0.000 min
Lab File: VU044977.D
Acq: 29 Sep 2021 06:04

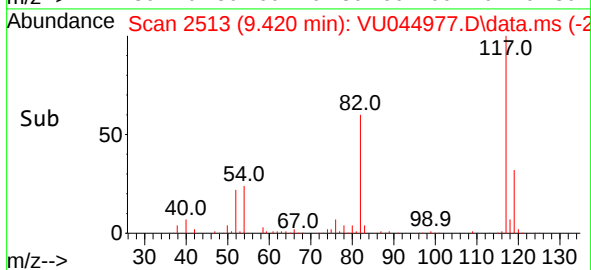
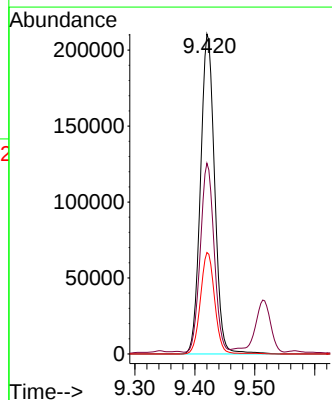
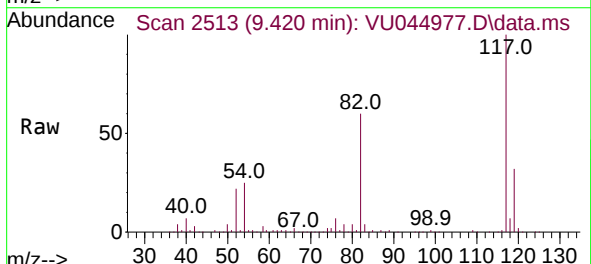
Instrument :
MSVOA_U
ClientSampleId :
MW-3

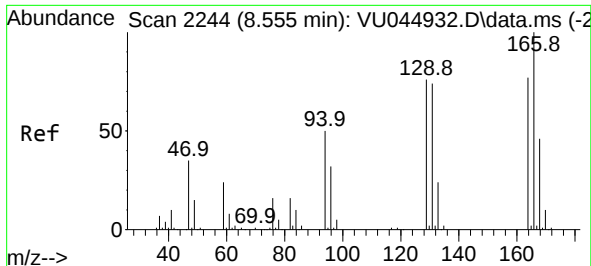
Tgt Ion: 95 Resp: 177773
Ion Ratio Lower Upper
95 100
174 71.9 0.0 146.6
176 68.7 0.0 141.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU044977.D
Acq: 29 Sep 2021 06:04

Tgt Ion: 117 Resp: 346973
Ion Ratio Lower Upper
117 100
82 58.9 47.8 71.8
119 31.7 25.8 38.6

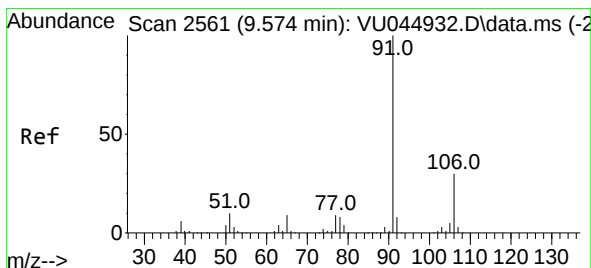
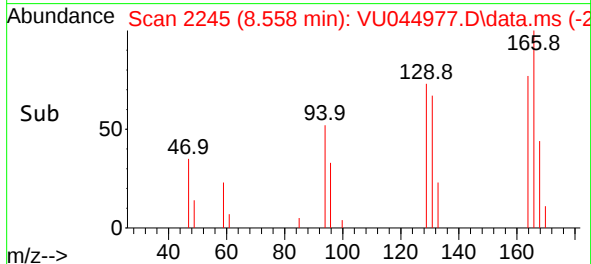
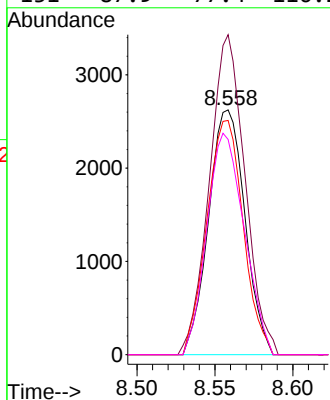
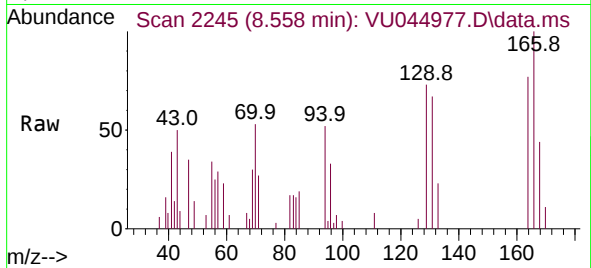




#64
Tetrachloroethene
Concen: 1.876 ug/l
RT: 8.558 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU044977.D
Acq: 29 Sep 2021 06:04

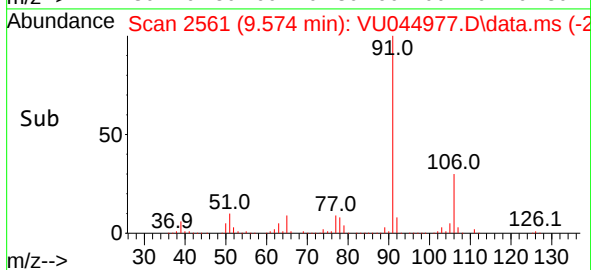
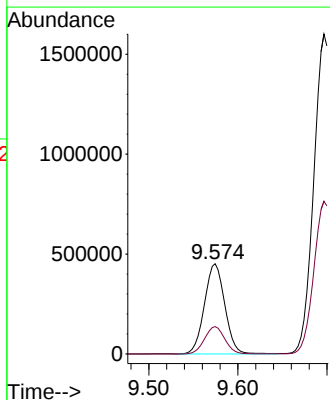
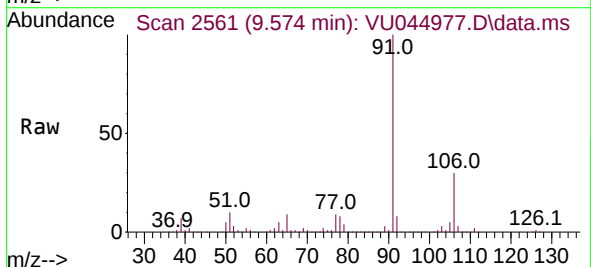
Instrument :
MSVOA_U
ClientSampleId :
MW-3

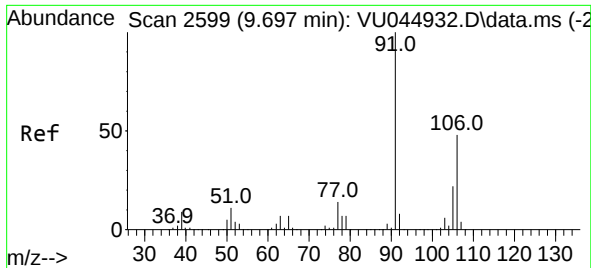
Tgt Ion:164 Resp: 4248
Ion Ratio Lower Upper
164 100
166 130.7 102.8 154.2
129 95.7 79.4 119.2
131 87.9 77.4 116.2



#67
Ethyl Benzene
Concen: 53.458 ug/l
RT: 9.574 min Scan# 2561
Delta R.T. 0.000 min
Lab File: VU044977.D
Acq: 29 Sep 2021 06:04

Tgt Ion: 91 Resp: 715610
Ion Ratio Lower Upper
91 100
106 30.4 24.3 36.5

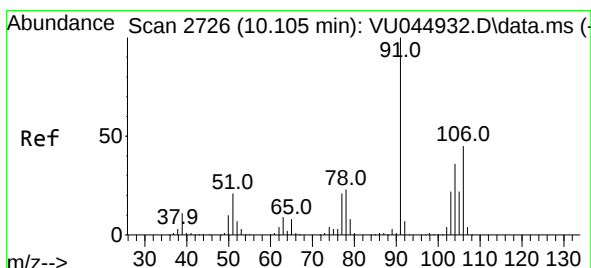
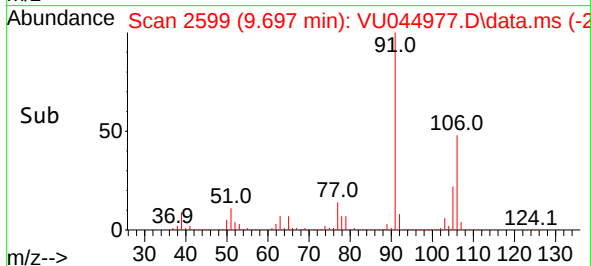
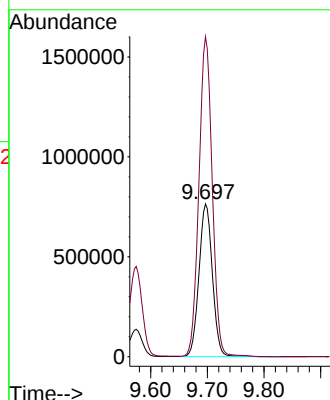
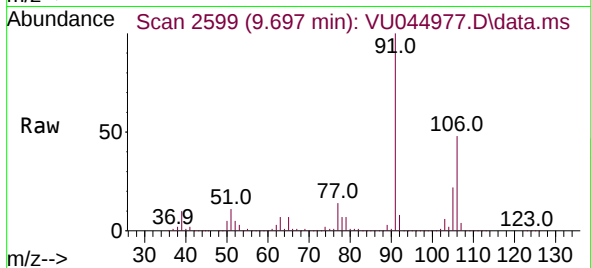




#68
m/p-Xylenes
Concen: 241.419 ug/l
RT: 9.697 min Scan# 2599
Delta R.T. -0.000 min
Lab File: VU044977.D
Acq: 29 Sep 2021 06:04

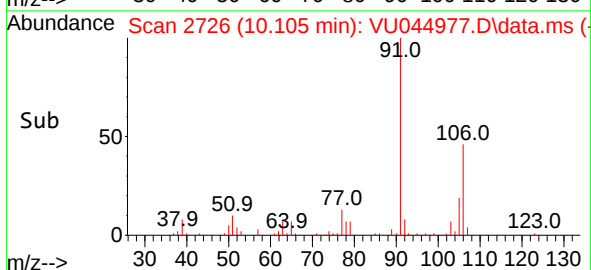
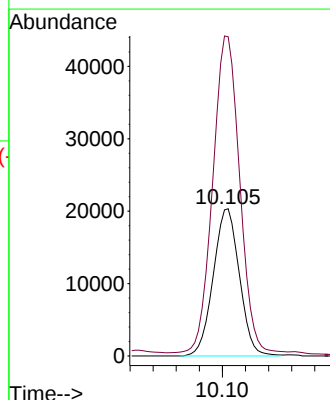
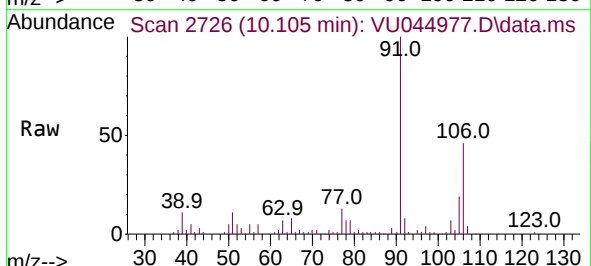
Instrument :
MSVOA_U
ClientSampleId :
MW-3

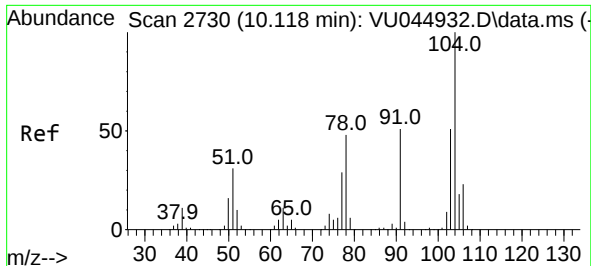
Tgt Ion:106 Resp: 1255524
Ion Ratio Lower Upper
106 100
91 207.9 164.2 246.2



#69
o-Xylene
Concen: 6.184 ug/l
RT: 10.105 min Scan# 2726
Delta R.T. -0.000 min
Lab File: VU044977.D
Acq: 29 Sep 2021 06:04

Tgt Ion:106 Resp: 31918
Ion Ratio Lower Upper
106 100
91 220.0 108.9 326.7

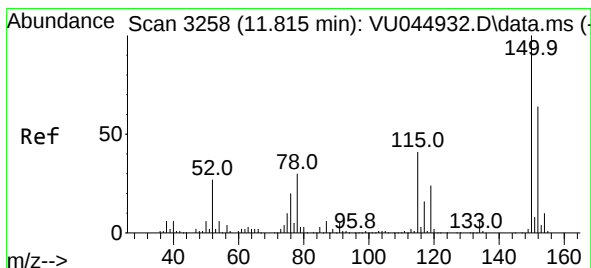
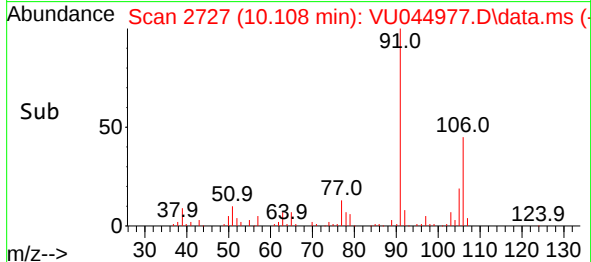
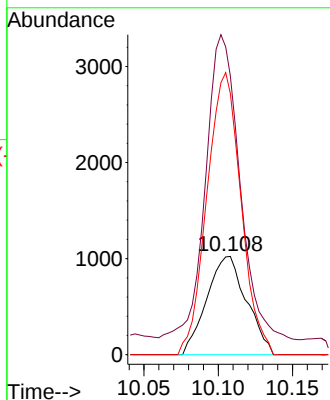
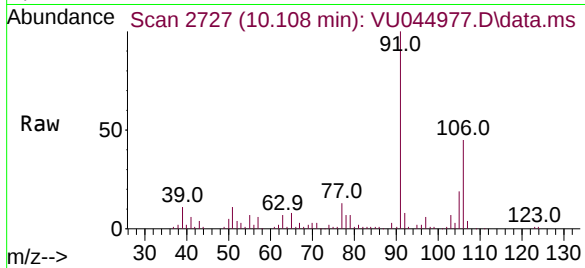




#70
Styrene
Concen: 0.220 ug/l
RT: 10.108 min Scan# 21
Delta R.T. -0.010 min
Lab File: VU044977.D
Acq: 29 Sep 2021 06:04

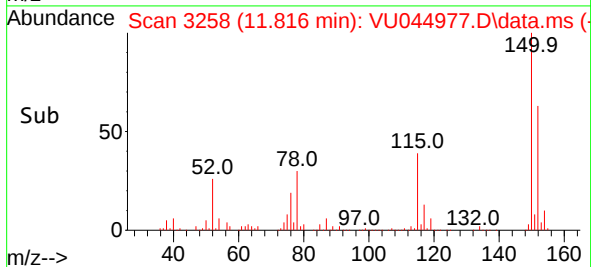
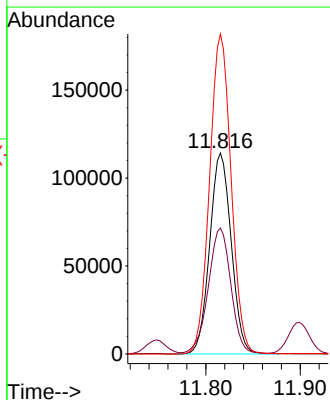
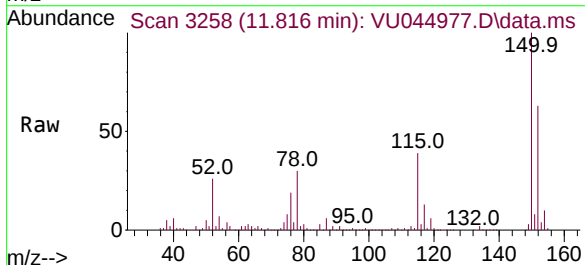
Instrument :
MSVOA_U
ClientSampleId :
MW-3

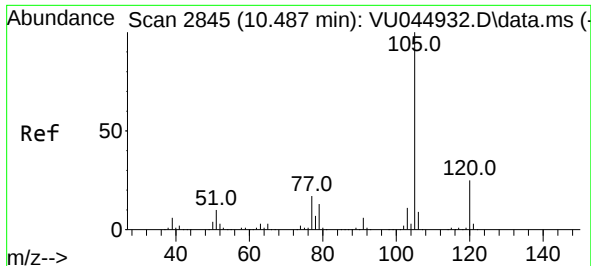
Tgt Ion:104 Resp: 1906
Ion Ratio Lower Upper
104 100
78 265.9 41.4 62.0#
103 246.2 43.5 65.3#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.816 min Scan# 3258
Delta R.T. 0.001 min
Lab File: VU044977.D
Acq: 29 Sep 2021 06:04

Tgt Ion:152 Resp: 180773
Ion Ratio Lower Upper
152 100
115 65.3 43.5 130.7
150 159.0 0.0 350.0

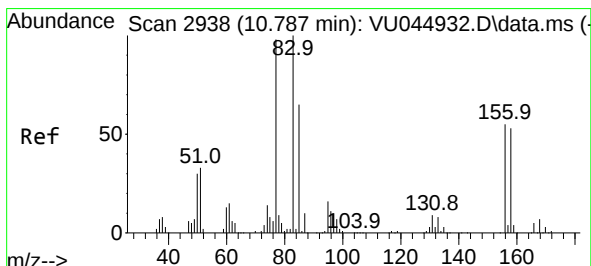
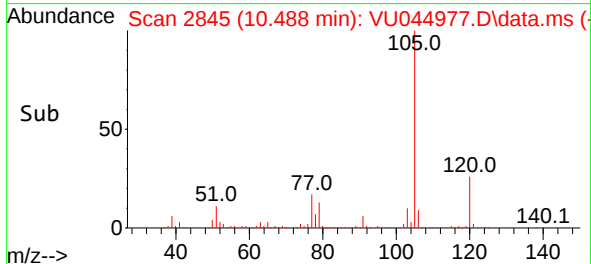
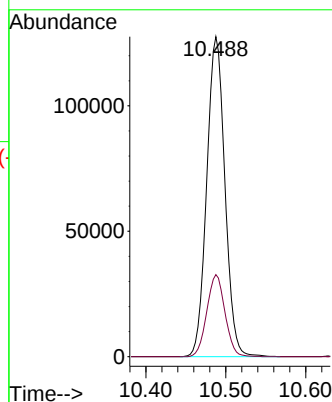
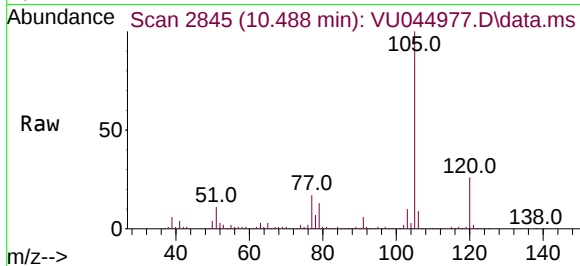




#73
Isopropylbenzene
Concen: 14.984 ug/l
RT: 10.488 min Scan# 21
Delta R.T. 0.001 min
Lab File: VU044977.D
Acq: 29 Sep 2021 06:04

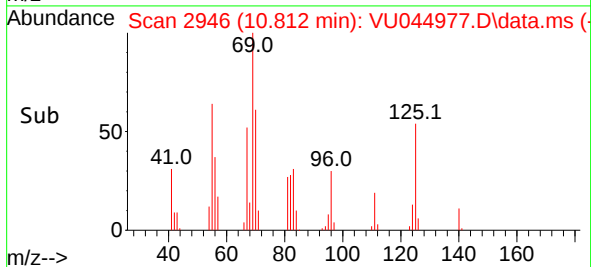
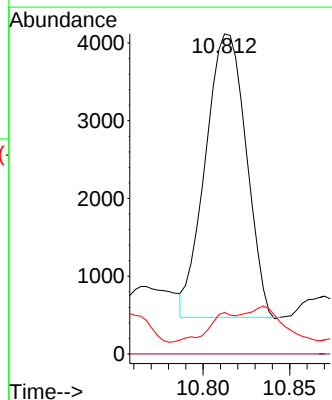
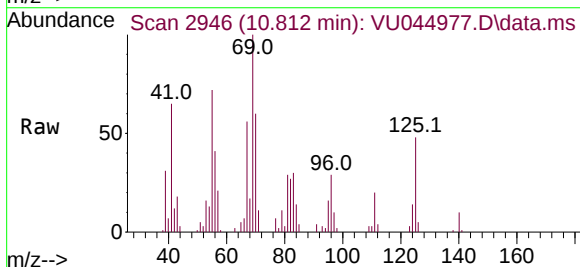
Instrument :
MSVOA_U
ClientSampleId :
MW-3

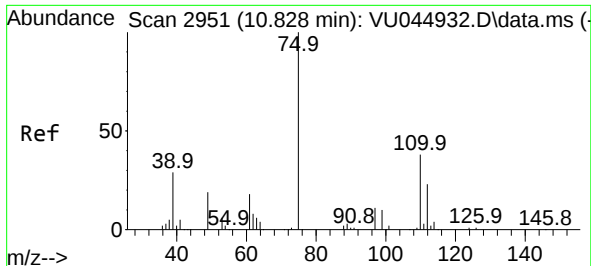
Tgt Ion:105 Resp: 201714
Ion Ratio Lower Upper
105 100
120 25.6 12.8 38.3



#75
1,1,2,2-Tetrachloroethane
Concen: 1.022 ug/l
RT: 10.812 min Scan# 2946
Delta R.T. 0.025 min
Lab File: VU044977.D
Acq: 29 Sep 2021 06:04

Tgt Ion: 83 Resp: 5952
Ion Ratio Lower Upper
83 100
131 0.0 4.3 13.1#
85 6.7 31.9 95.5#

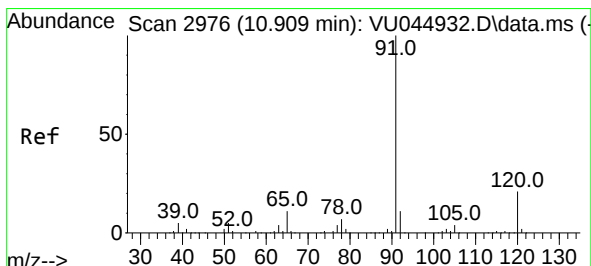
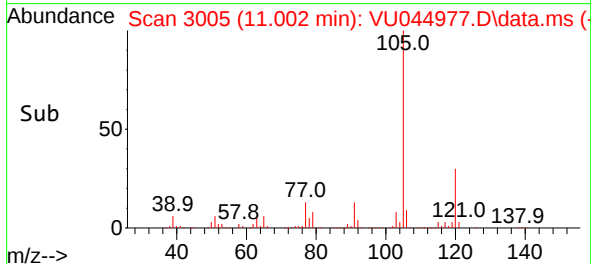
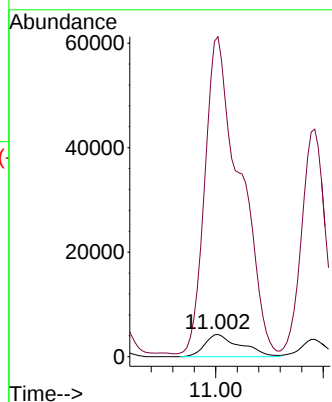
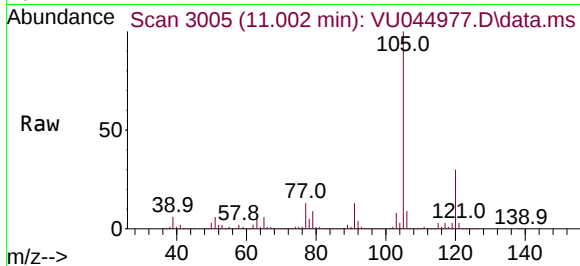




#76
1,2,3-Trichloropropane
Concen: 1.867 ug/l
RT: 11.002 min Scan# 30
Delta R.T. 0.174 min
Lab File: VU044977.D
Acq: 29 Sep 2021 06:04

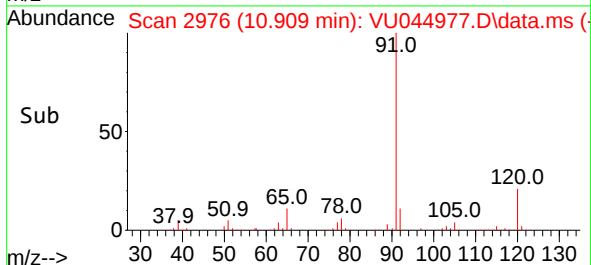
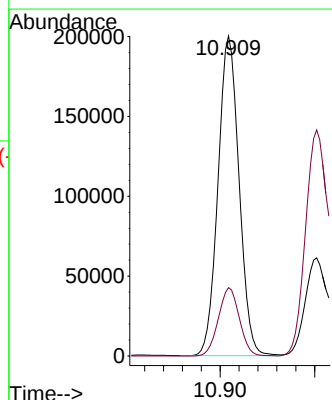
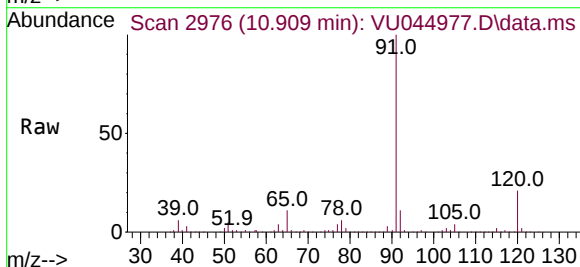
Instrument :
MSVOA_U
ClientSampleId :
MW-3

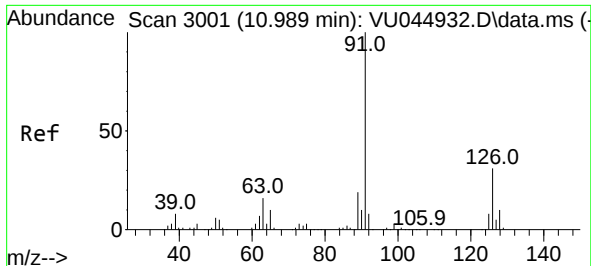
Tgt Ion: 75 Resp: 9845
Ion Ratio Lower Upper
75 100
77 1392.7 17.9 53.7#



#78
n-propylbenzene
Concen: 18.843 ug/l
RT: 10.909 min Scan# 2976
Delta R.T. -0.000 min
Lab File: VU044977.D
Acq: 29 Sep 2021 06:04

Tgt Ion: 91 Resp: 309117
Ion Ratio Lower Upper
91 100
120 21.3 10.8 32.4

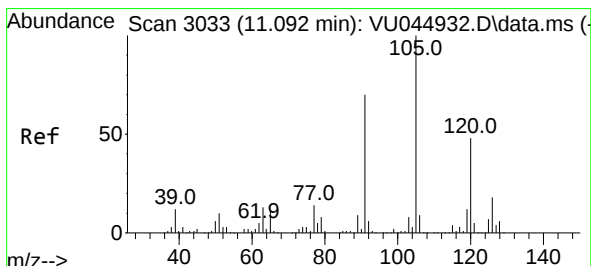
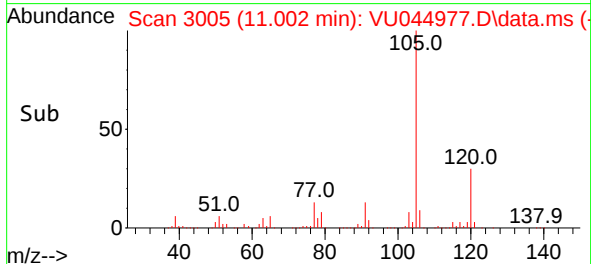
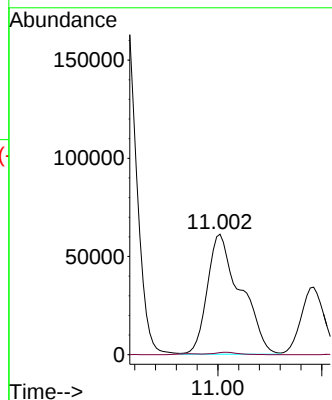
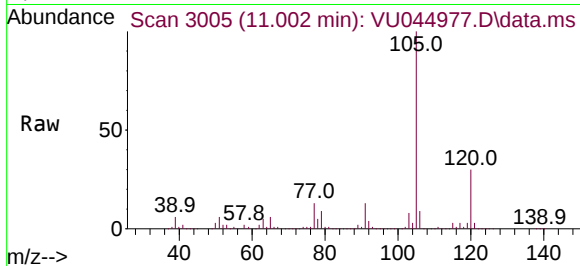




#79
2-Chlorotoluene
Concen: 13.209 ug/l
RT: 11.002 min Scan# 3005
Delta R.T. 0.013 min
Lab File: VU044977.D
Acq: 29 Sep 2021 06:04

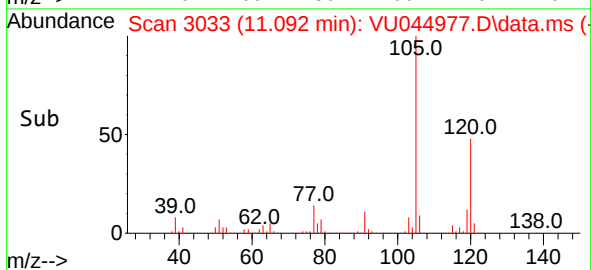
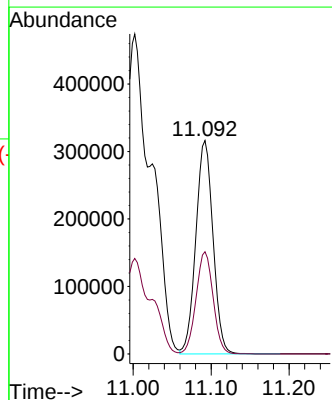
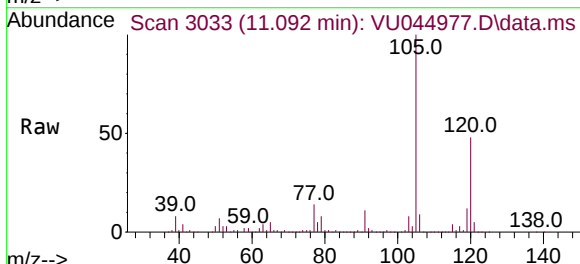
Instrument :
MSVOA_U
ClientSampleId :
MW-3

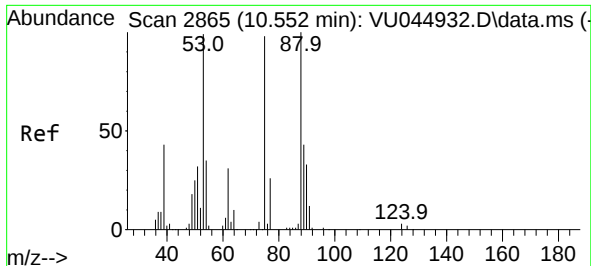
Tgt Ion: 91 Resp: 135834
Ion Ratio Lower Upper
91 100
126 1.5 15.7 47.0#



#80
1,3,5-Trimethylbenzene
Concen: 40.966 ug/l
RT: 11.092 min Scan# 3033
Delta R.T. 0.000 min
Lab File: VU044977.D
Acq: 29 Sep 2021 06:04

Tgt Ion:105 Resp: 483126
Ion Ratio Lower Upper
105 100
120 47.6 24.1 72.2

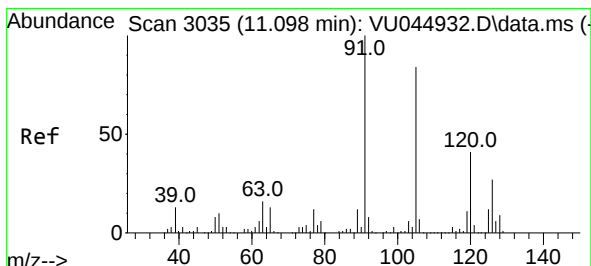
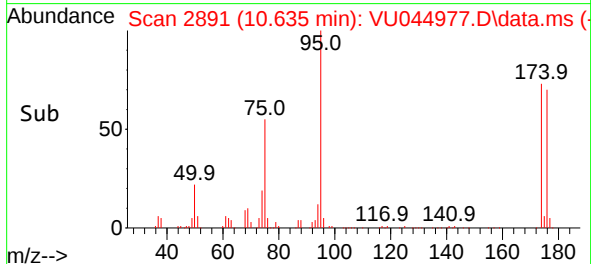
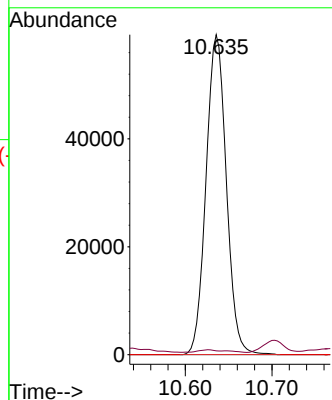
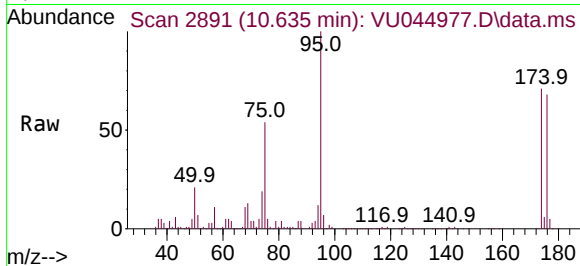




#81
trans-1,4-Dichloro-2-butene
Concen: 50.793 ug/l
RT: 10.635 min Scan# 2865
Delta R.T. 0.083 min
Lab File: VU044977.D
Acq: 29 Sep 2021 06:04

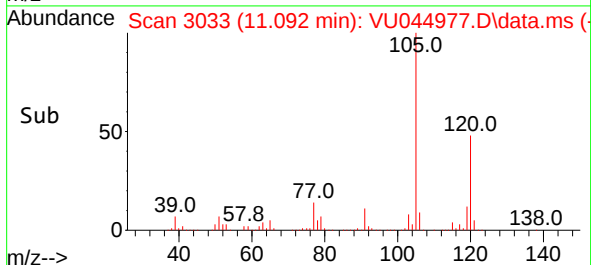
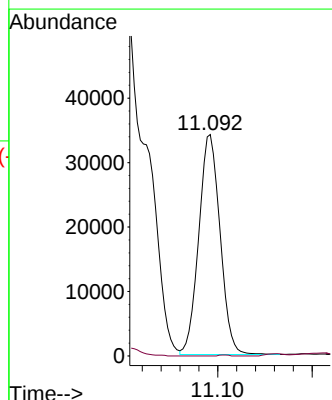
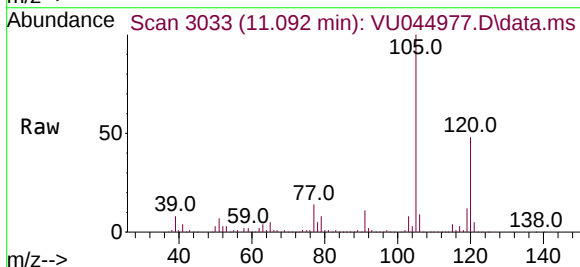
Instrument :
MSVOA_U
ClientSampleId :
MW-3

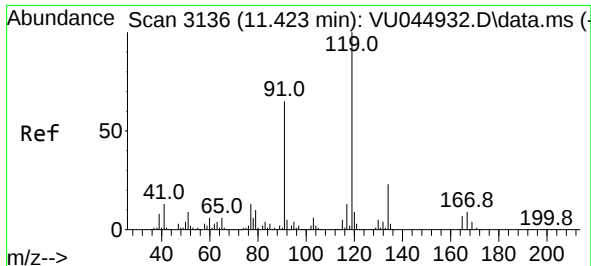
Tgt Ion: 75 Resp: 96506
Ion Ratio Lower Upper
75 100
53 0.7 82.0 123.0#
89 0.0 34.2 51.4#



#82
4-Chlorotoluene
Concen: 4.591 ug/l
RT: 11.092 min Scan# 3033
Delta R.T. -0.006 min
Lab File: VU044977.D
Acq: 29 Sep 2021 06:04

Tgt Ion: 91 Resp: 53366
Ion Ratio Lower Upper
91 100
126 0.0 13.8 41.4#

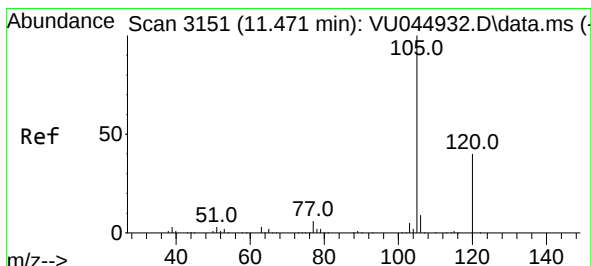
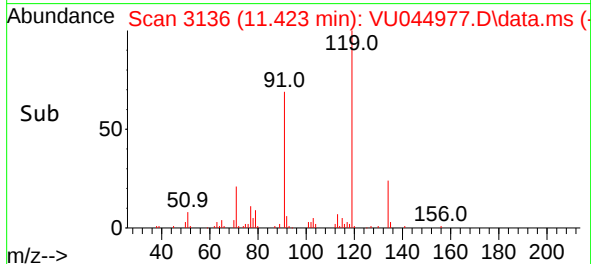
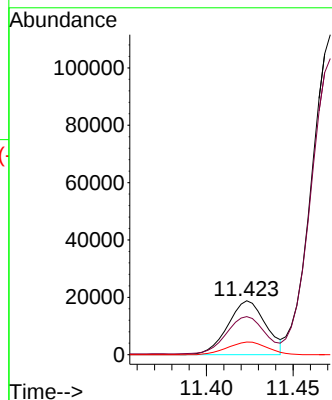
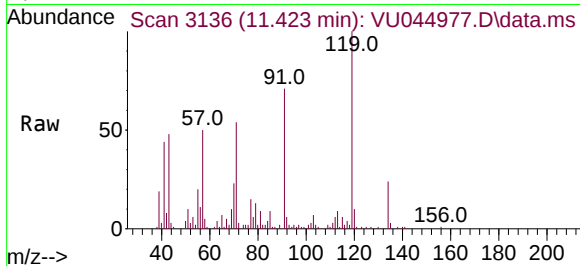




#83
 tert-Butylbenzene
 Concen: 2.491 ug/l
 RT: 11.423 min Scan# 3136
 Delta R.T. 0.000 min
 Lab File: VU044977.D
 Acq: 29 Sep 2021 06:04

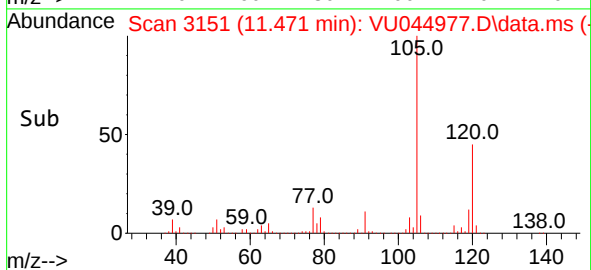
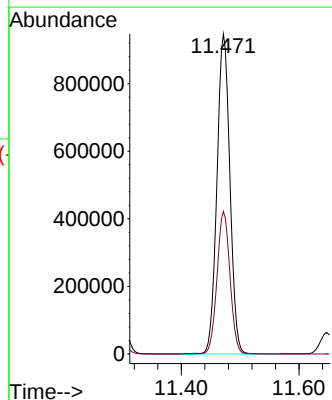
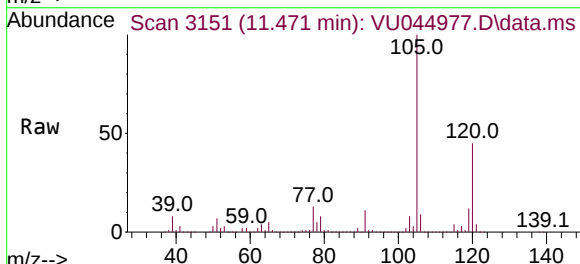
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-3

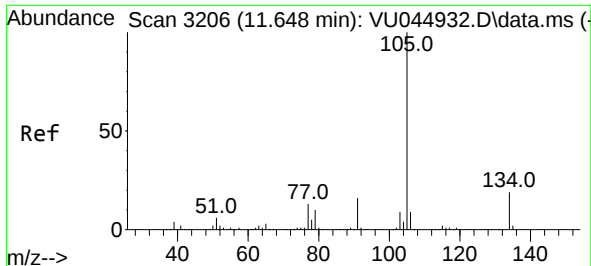
Tgt Ion:119 Resp: 28573
 Ion Ratio Lower Upper
 119 100
 91 70.5 30.4 91.2
 134 24.5 11.5 34.5



#84
 1,2,4-Trimethylbenzene
 Concen: 123.418 ug/l
 RT: 11.471 min Scan# 3151
 Delta R.T. 0.000 min
 Lab File: VU044977.D
 Acq: 29 Sep 2021 06:04

Tgt Ion:105 Resp: 1439960
 Ion Ratio Lower Upper
 105 100
 120 44.6 22.4 67.3

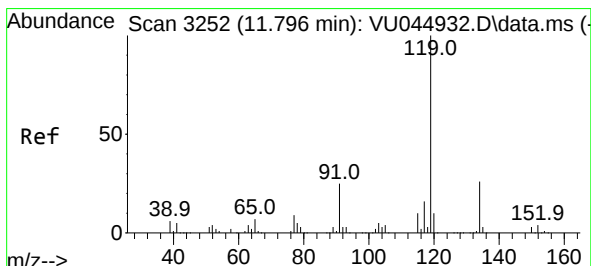
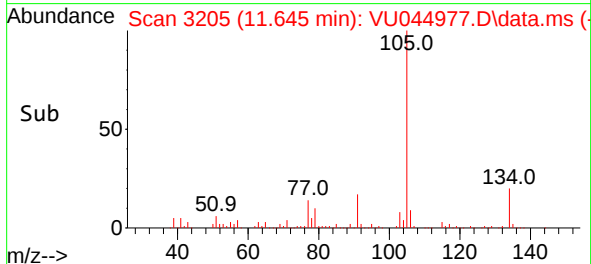
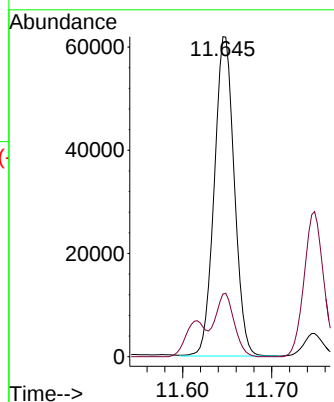
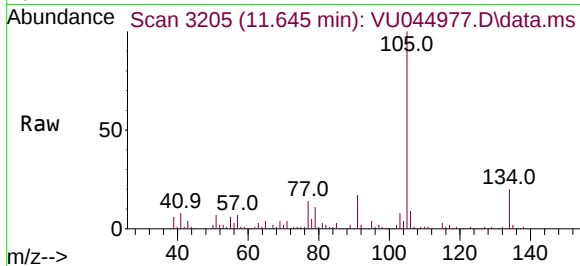




#85
 sec-Butylbenzene
 Concen: 6.533 ug/l
 RT: 11.645 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VU044977.D
 Acq: 29 Sep 2021 06:04

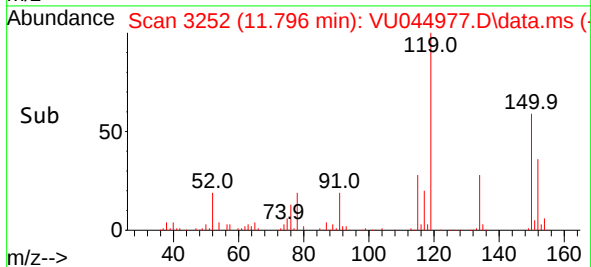
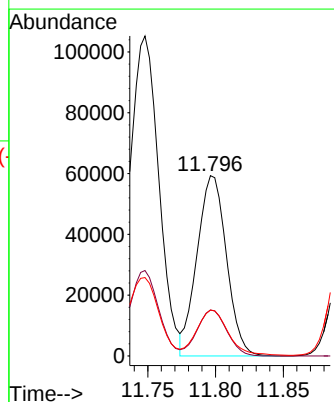
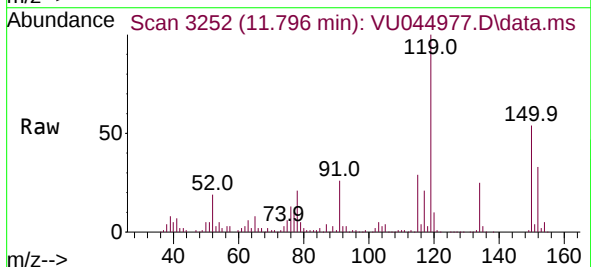
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-3

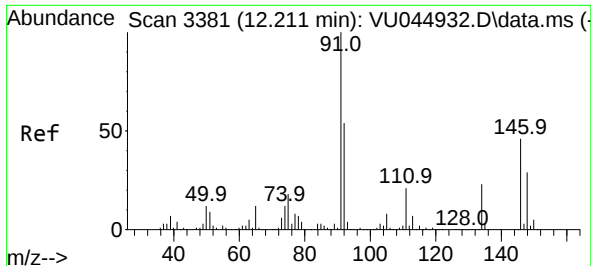
Tgt Ion:105 Resp: 96502
 Ion Ratio Lower Upper
 105 100
 134 18.8 9.3 28.0



#86
 p-Isopropyltoluene
 Concen: 7.549 ug/l
 RT: 11.796 min Scan# 3252
 Delta R.T. 0.000 min
 Lab File: VU044977.D
 Acq: 29 Sep 2021 06:04

Tgt Ion:119 Resp: 89707
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.8 38.3
 91 26.4 12.2 36.6





#89

n-Butylbenzene

Concen: 11.842 ug/l

RT: 12.208 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU044977.D

Acq: 29 Sep 2021 06:04

Instrument :

MSVOA_U

ClientSampleId :

MW-3

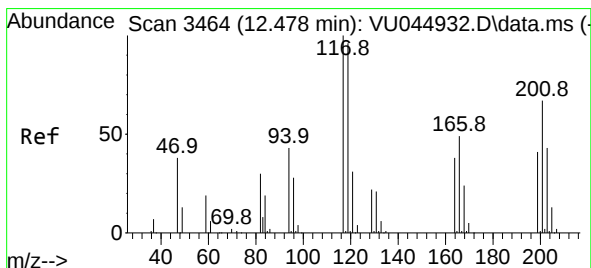
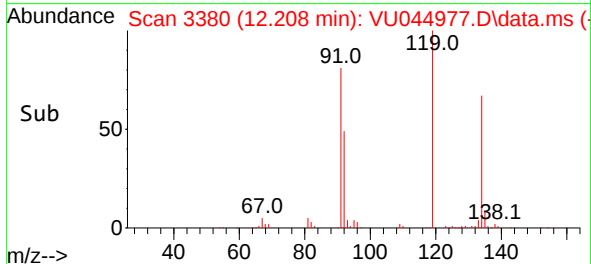
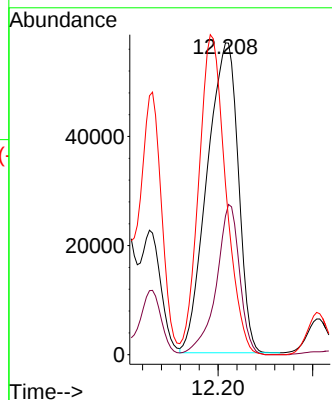
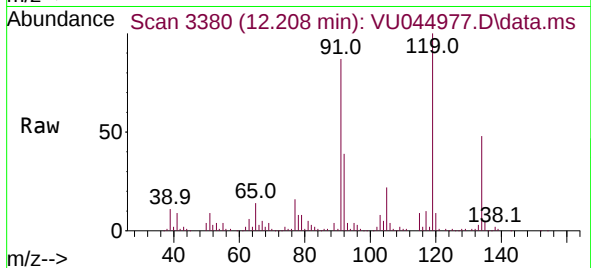
Tgt Ion: 91 Resp: 129607

Ion Ratio Lower Upper

91 100

92 36.4 26.8 80.4

134 89.5 11.8 35.4#



#90

Hexachloroethane

Concen: 6.775 ug/l

RT: 12.468 min Scan# 3461

Delta R.T. -0.010 min

Lab File: VU044977.D

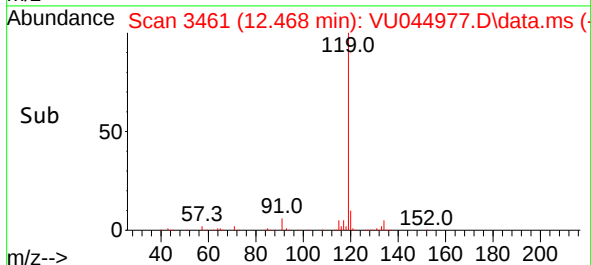
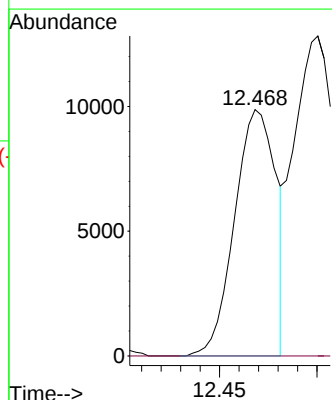
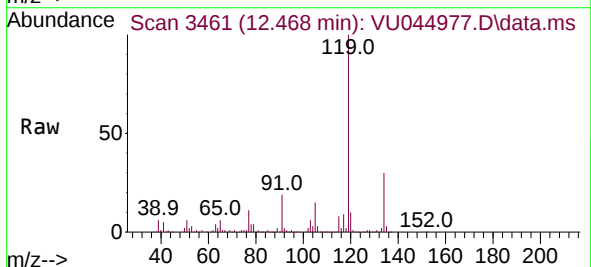
Acq: 29 Sep 2021 06:04

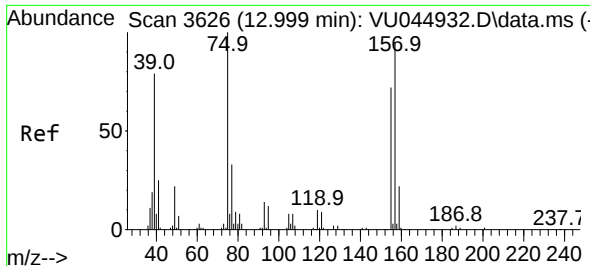
Tgt Ion: 117 Resp: 14538

Ion Ratio Lower Upper

117 100

201 0.0 34.8 104.3#

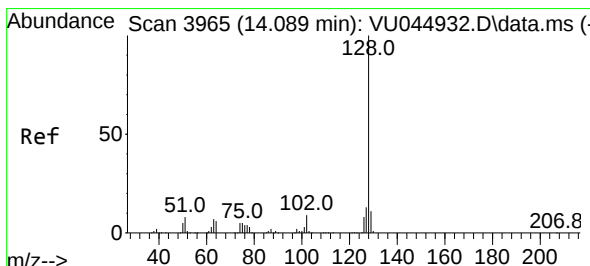
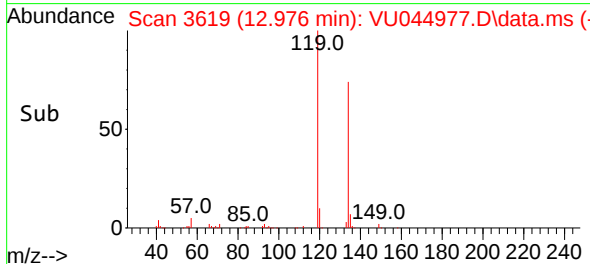
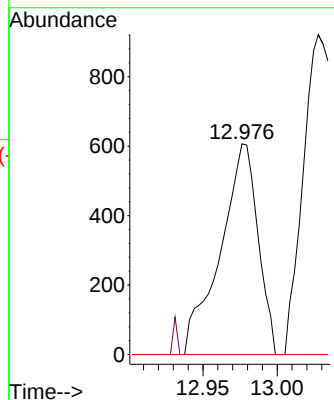
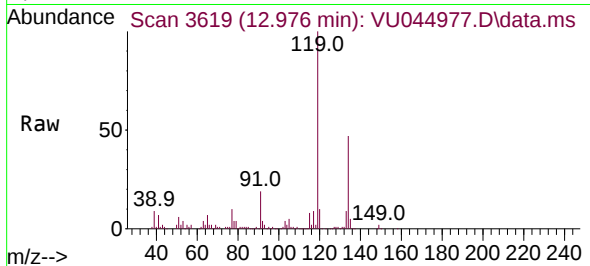




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.780 ug/l
 RT: 12.976 min Scan# 3619
 Delta R.T. -0.023 min
 Lab File: VU044977.D
 Acq: 29 Sep 2021 06:04

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-3

Tgt Ion: 75 Resp: 1072
 Ion Ratio Lower Upper
 75 100
 155 0.0 36.9 110.6#
 157 0.0 47.8 143.3#



#95
 Naphthalene
 Concen: 27.741 ug/l
 RT: 14.089 min Scan# 3965
 Delta R.T. -0.000 min
 Lab File: VU044977.D
 Acq: 29 Sep 2021 06:04

Tgt Ion: 128 Resp: 370015
 Ion Ratio Lower Upper
 128 100
 127 13.5 10.4 15.6
 129 11.6 8.6 13.0

