

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U060222\
 Data File : U048804.D
 Acq On : 02 Jun 2022 15:25
 Operator : SY/MD
 Sample : N3087-06DL 20X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-06DL

Quant Time: Jun 02 15:54:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 27 06:42:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.369	168	351642	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.247	114	585590	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	528696	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	283044	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.697	65	235798	44.650	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	89.300%		
35) Dibromofluoromethane	5.285	113	185022	44.288	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	88.580%		
50) Toluene-d8	7.896	98	705746	47.126	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	94.260%		
62) 4-Bromofluorobenzene	10.632	95	273020	48.206	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.420%		
Target Compounds						Qvalue
3) Chloromethane	1.520	50	1421	0.274	ug/l	96
5) Bromomethane	1.861	94	318	Below Cal	#	60
6) Chloroethane	1.948	64	591	Below Cal		94
10) Methyl Iodide	2.716	142	215	3.041	ug/l #	76
11) Tert butyl alcohol	3.182	59	18211	13.602	ug/l #	28
13) Acrolein	2.443	56	919	Below Cal	#	1
15) Acrylonitrile	3.343	53	806	0.278	ug/l #	18
16) Acetone	2.626	43	10071	3.742	ug/l	99
17) Carbon Disulfide	2.777	76	2227	0.213	ug/l	95
18) Methyl Acetate	2.951	43	1698	0.251	ug/l #	62
19) Methyl tert-butyl Ether	3.366	73	16194	1.192	ug/l #	1
20) Methylene Chloride	3.044	84	1582	0.346	ug/l #	84
25) 2-Butanone	4.710	43	15072	3.898	ug/l	100
31) Cyclohexane	5.375	56	21425	3.219	ug/l #	56
36) 1,1-Dichloropropene	5.369	75	28137	4.615	ug/l #	50
37) Ethyl Acetate	4.710	43	15072	1.955	ug/l #	68
38) Carbon Tetrachloride	5.369	117	36515	5.220	ug/l #	17
39) Methylcyclohexane	6.758	83	17808	2.785	ug/l	98
40) Benzene	5.771	78	749750	41.650	ug/l	100
42) 1,2-Dichloroethane	5.771	62	6393	0.907	ug/l	78
43) Isopropyl Acetate	5.938	43	67283	6.014	ug/l #	12
48) Methyl methacrylate	6.976	41	2741	0.546	ug/l #	71
51) 4-Methyl-2-Pentanone	7.800	43	2099	0.289	ug/l #	69
52) Toluene	7.970	92	66010	6.131	ug/l	100
55) 1,1,2-Trichloroethane	8.365	97	3199	0.673	ug/l #	18
56) Ethyl methacrylate	8.365	69	1062	2.747	ug/l #	31
58) 2-Chloroethyl Vinyl ether	7.388	63	66	29.792	ug/l #	47
59) 2-Hexanone	8.693	43	2512	0.421	ug/l	85
64) Tetrachloroethene	8.549	164	42	Below Cal	#	45
67) Ethyl Benzene	9.568	91	400447	21.233	ug/l	99
68) m/p-Xylenes	9.693	106	176152	23.881	ug/l	98
69) o-Xylene	10.099	106	44971	6.206	ug/l	98
70) Styrene	10.102	104	3015	0.253	ug/l #	1
73) Isopropylbenzene	10.484	105	24757	1.355	ug/l	98
74) N-amyl acetate	10.295	43	112	2.478	ug/l #	1
76) 1,2,3-Trichloropropane	10.632	75	139897	15.329	ug/l #	47

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

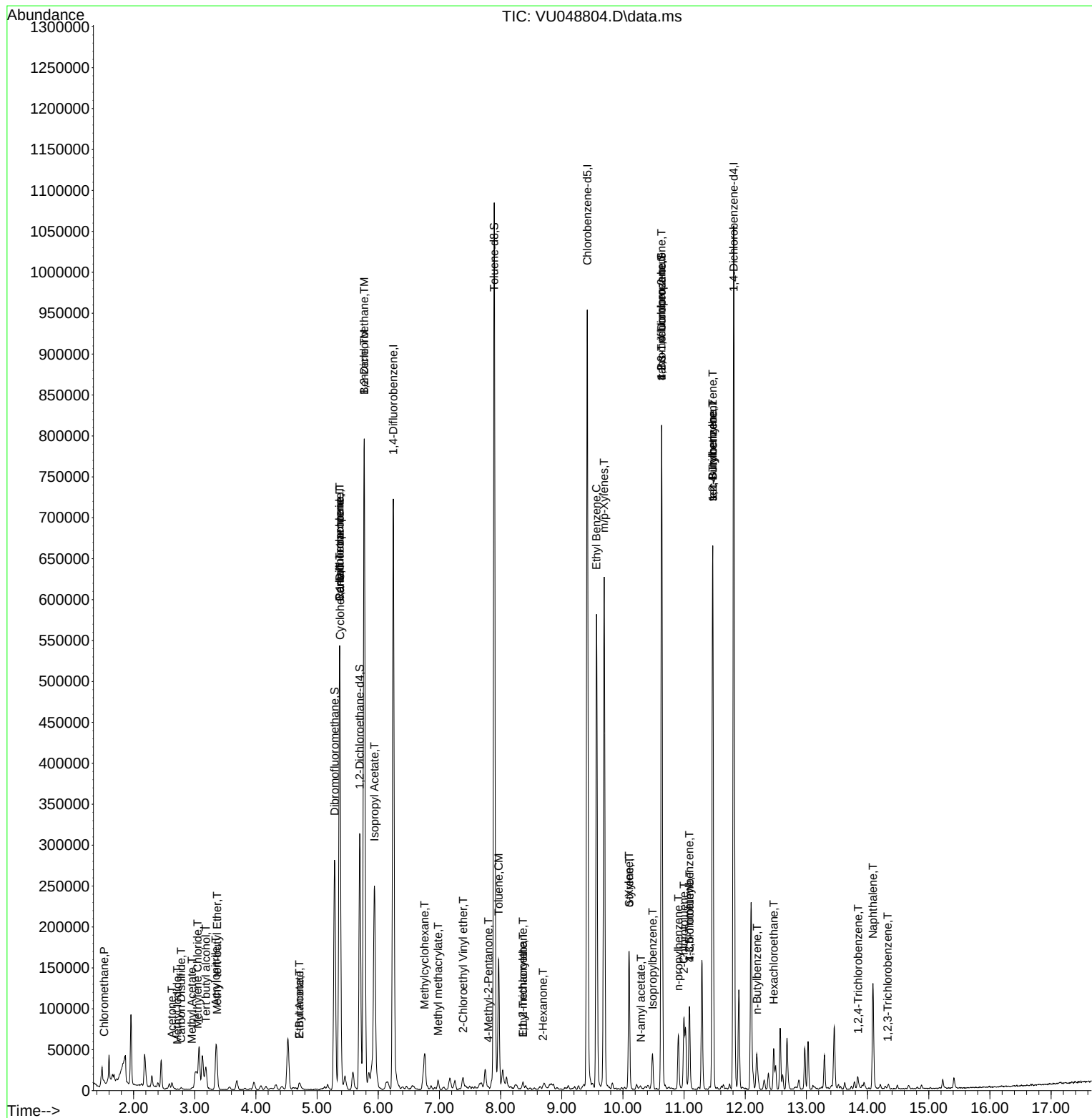
78) n-propylbenzene	10.906	91	48037	2.206	ug/l	98
79) 2-Chlorotoluene	10.996	91	6180	0.456	ug/l #	46
80) 1,3,5-Trimethylbenzene	11.086	105	54309	3.418	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.632	75	139897	55.659	ug/l #	13
82) 4-Chlorotoluene	11.089	91	6933	0.444	ug/l #	48
83) tert-Butylbenzene	11.468	119	45321	2.972	ug/l #	61
84) 1,2,4-Trimethylbenzene	11.468	105	369594	22.255	ug/l	99
85) sec-Butylbenzene	11.468	105	369594	19.371	ug/l #	58
89) n-Butylbenzene	12.195	91	9005	2.710	ug/l #	29
90) Hexachloroethane	12.465	117	3397	1.016	ug/l #	10
93) 1,2,4-Trichlorobenzene	13.844	180	1300	0.204	ug/l #	87
95) Naphthalene	14.089	128	107532	7.115	ug/l	100
96) 1,2,3-Trichlorobenzene	14.330	180	1498	0.237	ug/l	97

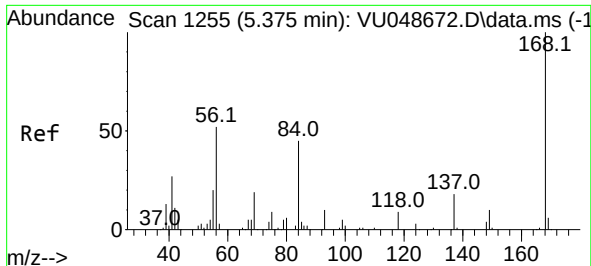
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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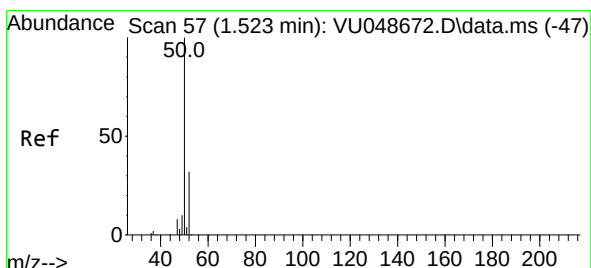
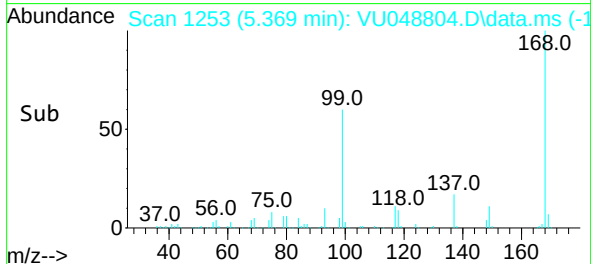
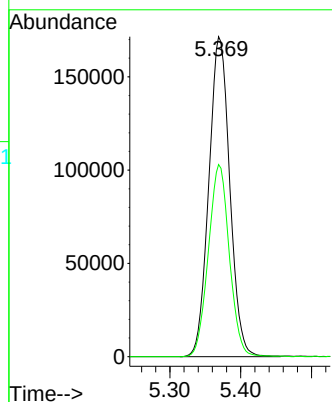
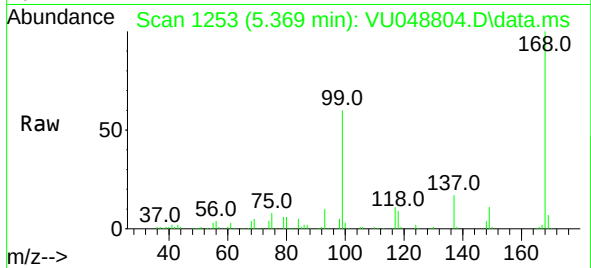




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.369 min Scan# 11
Delta R.T. -0.006 min
Lab File: VU048804.D
Acq: 02 Jun 2022 15:25

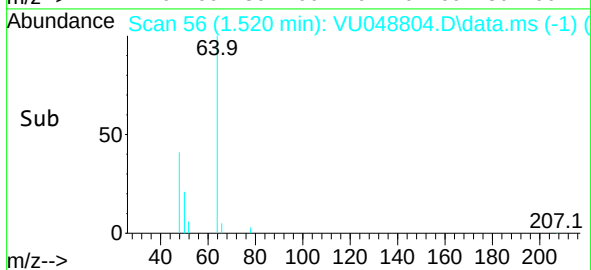
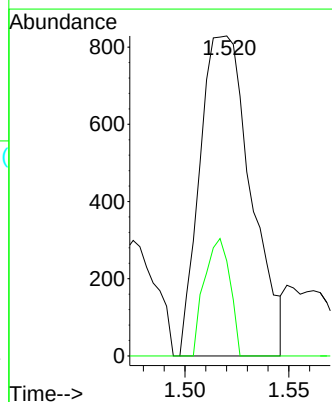
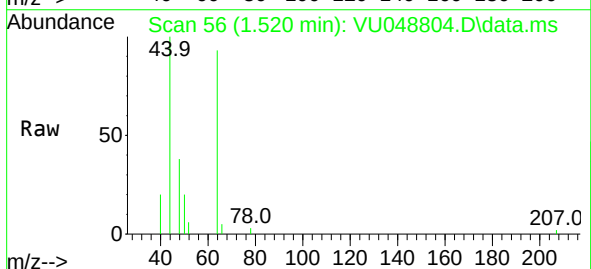
Instrument :
MSVOA_U
ClientSampleId :
MW-06DL

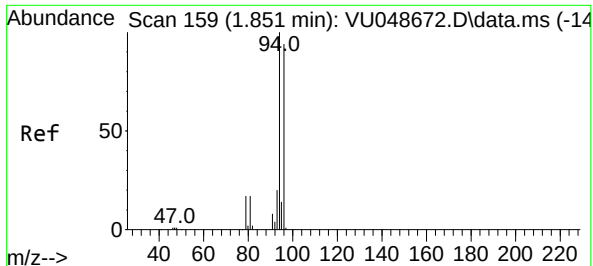
Tgt Ion:168 Resp: 351642
Ion Ratio Lower Upper
168 100
99 60.1 49.3 73.9



#3
Chloromethane
Concen: 0.274 ug/l
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU048804.D
Acq: 02 Jun 2022 15:25

Tgt Ion: 50 Resp: 1421
Ion Ratio Lower Upper
50 100
52 29.7 25.7 38.5

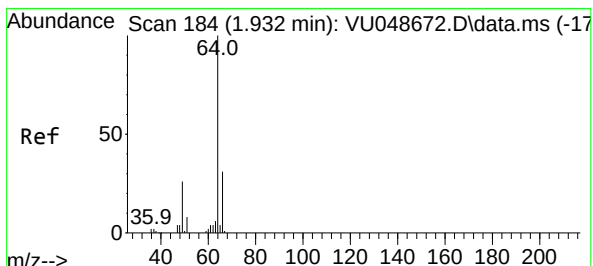
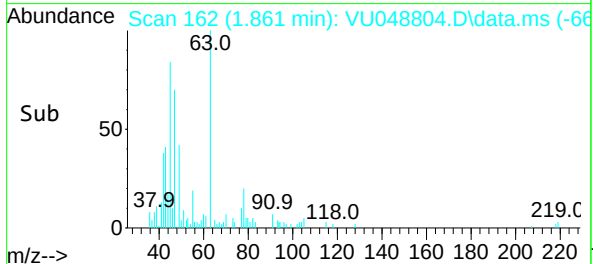
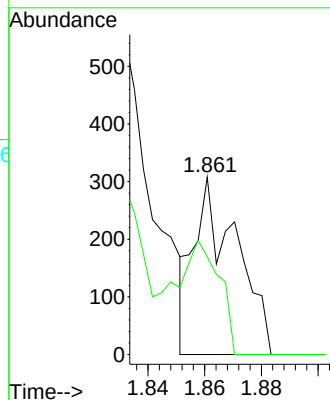
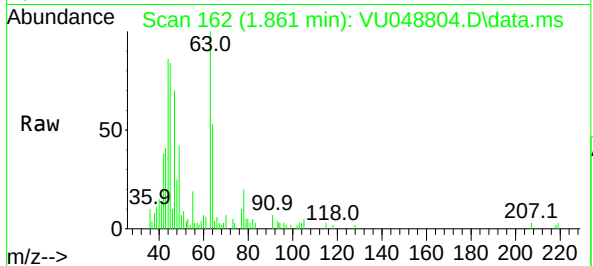




#5
Bromomethane
Concen: Below Cal
RT: 1.861 min Scan# 1
Delta R.T. 0.010 min
Lab File: VU048804.D
Acq: 02 Jun 2022 15:25

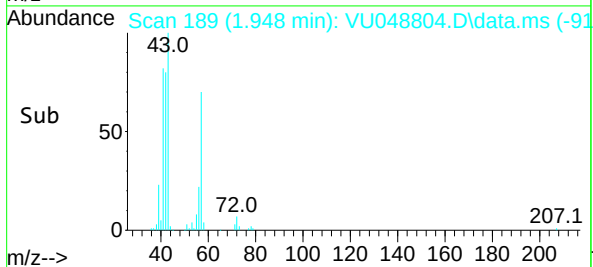
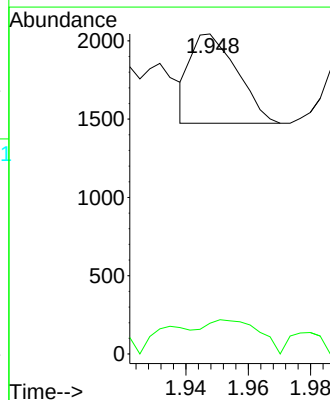
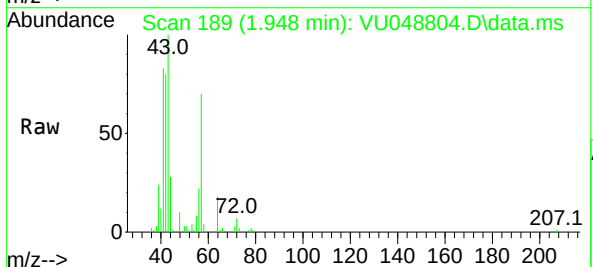
Instrument :
MSVOA_U
ClientSampleId :
MW-06DL

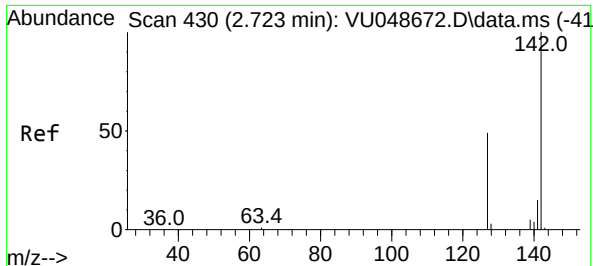
Tgt Ion: 94 Resp: 318
Ion Ratio Lower Upper
94 100
96 55.2 75.1 112.7#



#6
Chloroethane
Concen: Below Cal
RT: 1.948 min Scan# 189
Delta R.T. 0.016 min
Lab File: VU048804.D
Acq: 02 Jun 2022 15:25

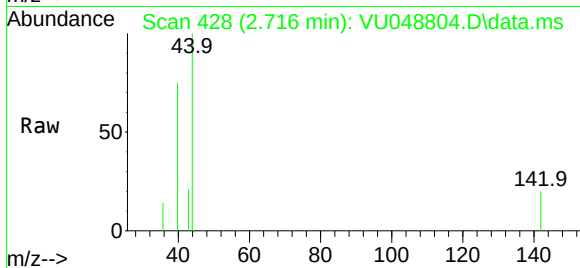
Tgt Ion: 64 Resp: 591
Ion Ratio Lower Upper
64 100
66 34.6 25.2 37.8



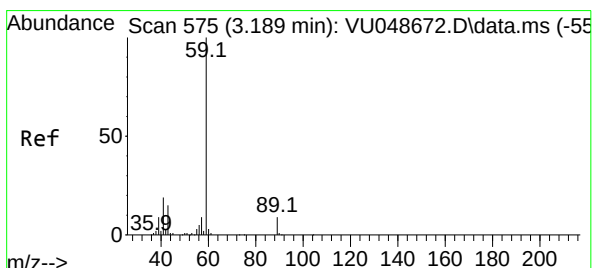
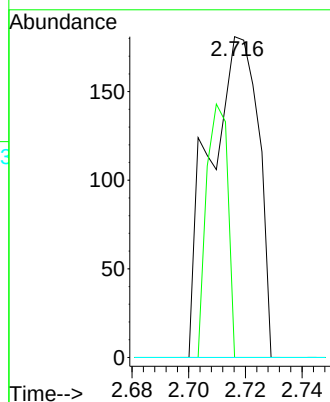
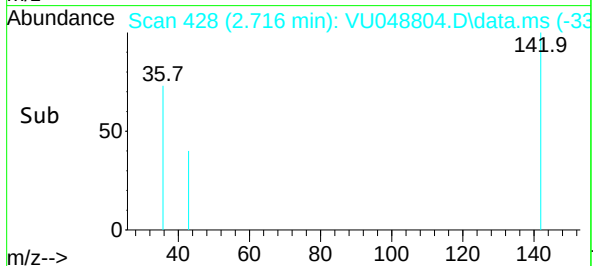


#10
Methyl Iodide
Concen: 3.041 ug/l
RT: 2.716 min Scan# 41
Delta R.T. -0.007 min
Lab File: VU048804.D
Acq: 02 Jun 2022 15:25

Instrument :
MSVOA_U
ClientSampleId :
MW-06DL

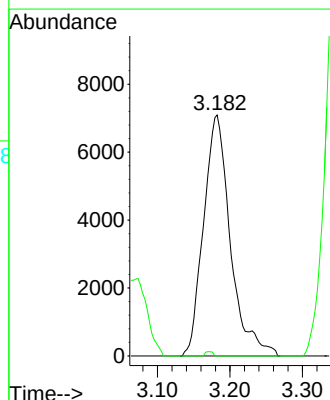
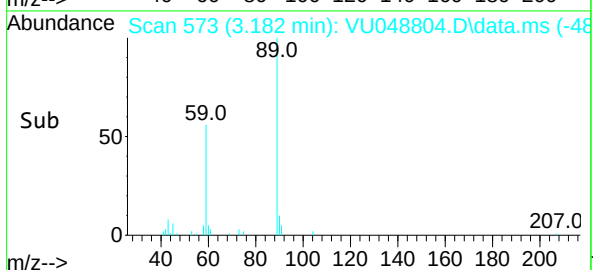
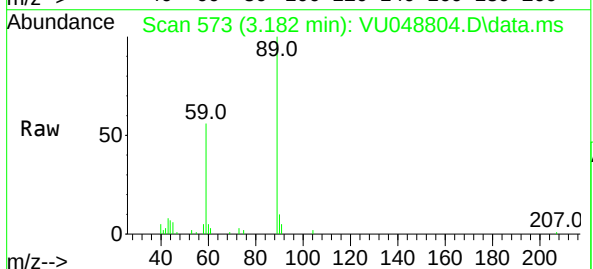


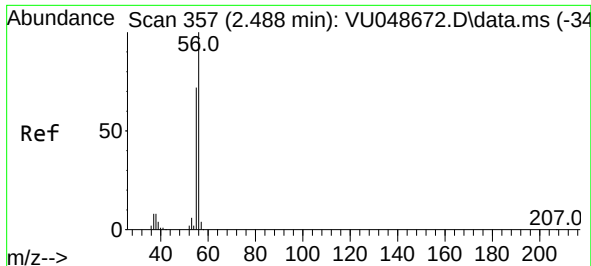
Tgt Ion:142 Resp: 215
Ion Ratio Lower Upper
142 100
127 34.4 38.4 57.6#
141 0.0 11.5 17.3#



#11
Tert butyl alcohol
Concen: 13.602 ug/l
RT: 3.182 min Scan# 573
Delta R.T. -0.007 min
Lab File: VU048804.D
Acq: 02 Jun 2022 15:25

Tgt Ion: 59 Resp: 18211
Ion Ratio Lower Upper
59 100
57 0.0 39.7 59.5#





#13

Acrolein

Concen: Below Cal

RT: 2.443 min Scan# 34

Delta R.T. -0.045 min

Lab File: VU048804.D

Acq: 02 Jun 2022 15:25

Instrument :

MSVOA_U

ClientSampleId :

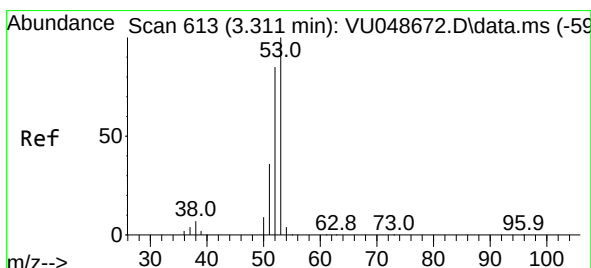
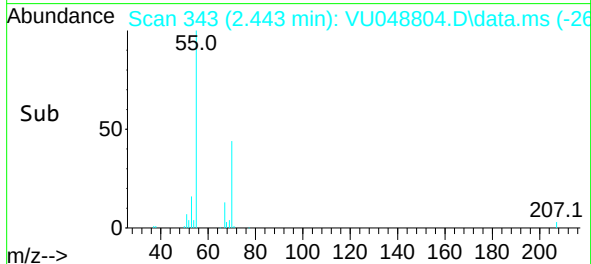
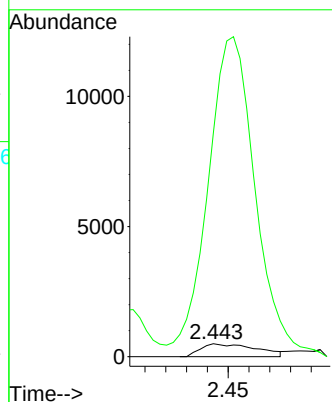
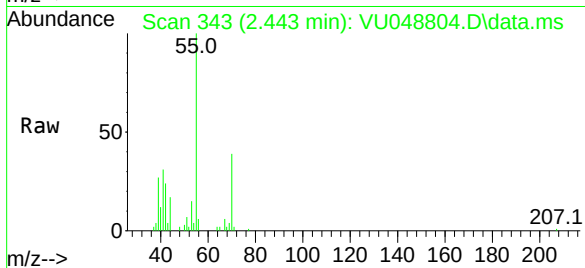
MW-06DL

Tgt Ion: 56 Resp: 919

Ion Ratio Lower Upper

56 100

55 2123.2 57.7 86.5#



#15

Acrylonitrile

Concen: 0.278 ug/l

RT: 3.343 min Scan# 623

Delta R.T. 0.032 min

Lab File: VU048804.D

Acq: 02 Jun 2022 15:25

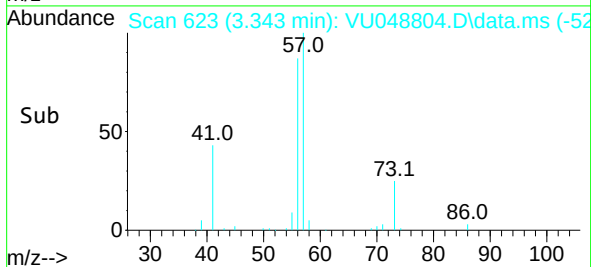
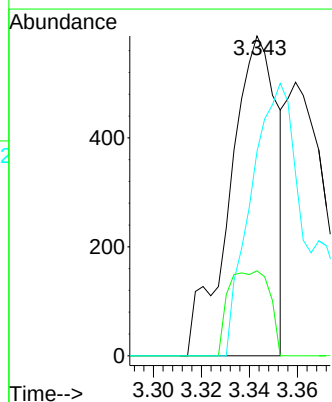
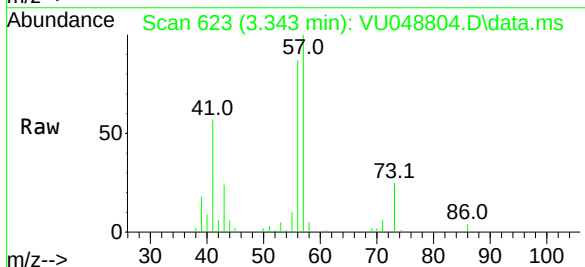
Tgt Ion: 53 Resp: 806

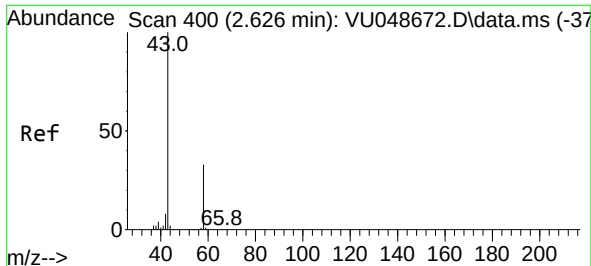
Ion Ratio Lower Upper

53 100

52 23.1 66.3 99.5#

51 104.8 28.6 42.8#





#16

Acetone

Concen: 3.742 ug/l

RT: 2.626 min Scan# 40

Delta R.T. -0.000 min

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Instrument :

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ClientSampleId :

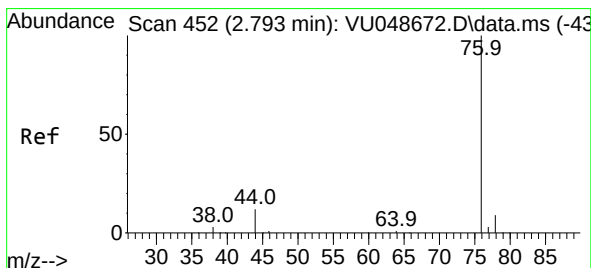
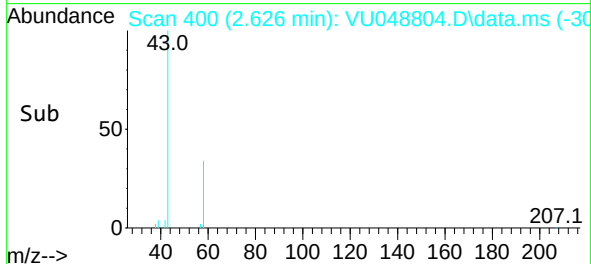
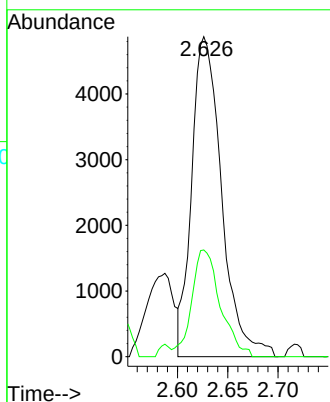
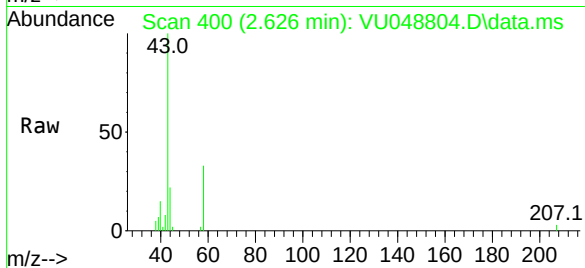
MW-06DL

Tgt Ion: 43 Resp: 10071

Ion Ratio Lower Upper

43 100

58 33.4 26.3 39.5



#17

Carbon Disulfide

Concen: 0.213 ug/l

RT: 2.777 min Scan# 447

Delta R.T. -0.016 min

Lab File: VU048804.D

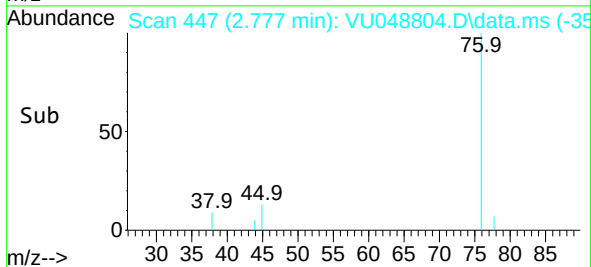
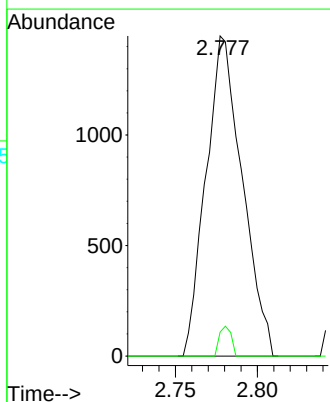
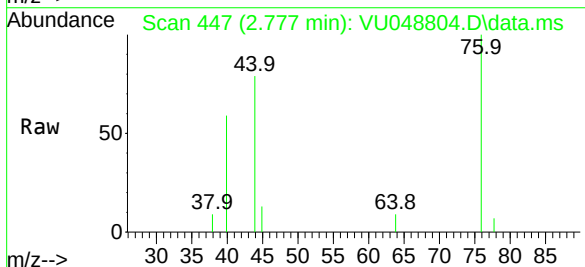
Acq: 02 Jun 2022 15:25

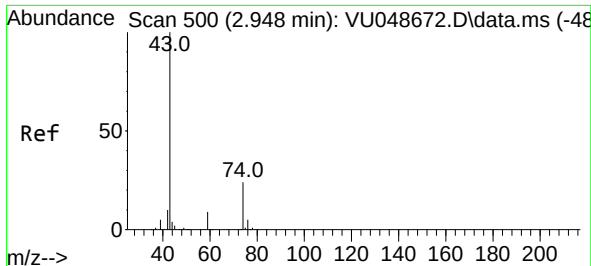
Tgt Ion: 76 Resp: 2227

Ion Ratio Lower Upper

76 100

78 7.5 7.3 10.9

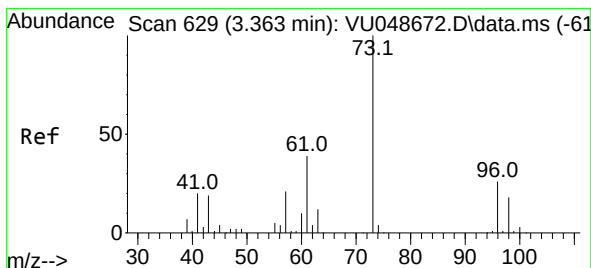
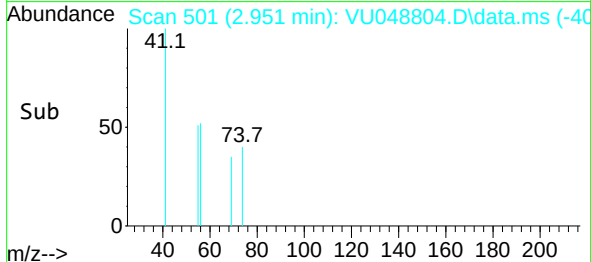
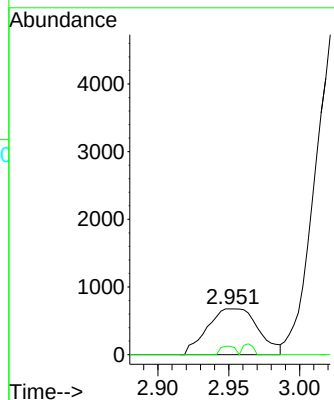
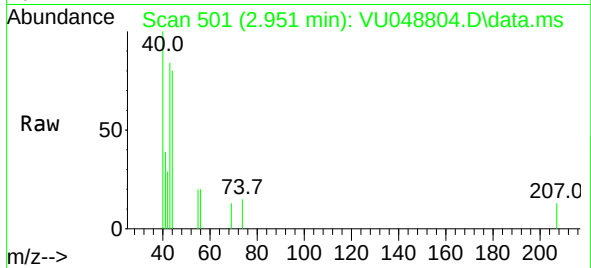




#18
Methyl Acetate
Concen: 0.251 ug/l
RT: 2.951 min Scan# 50
Delta R.T. 0.003 min
Lab File: VU048804.D
Acq: 02 Jun 2022 15:25

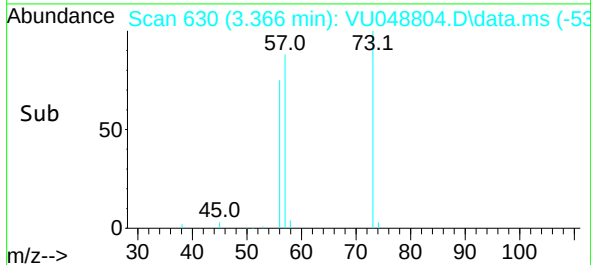
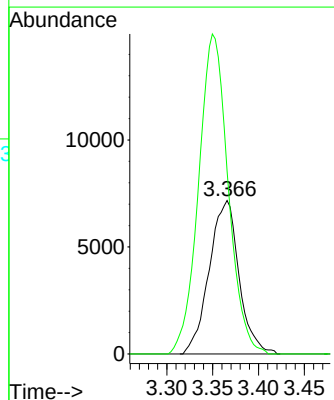
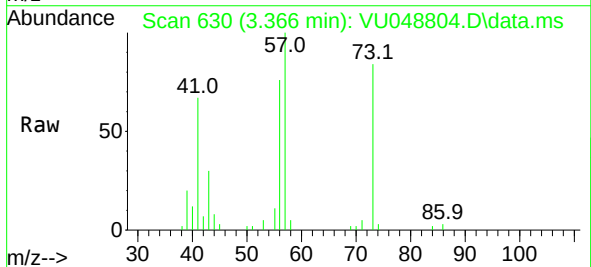
Instrument :
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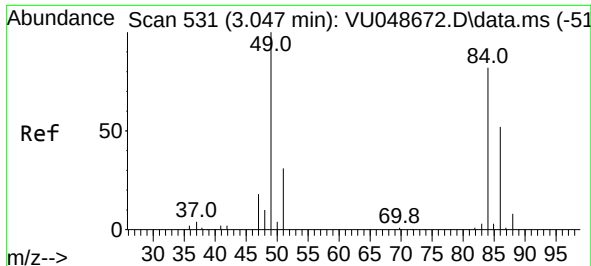
Tgt Ion: 43 Resp: 1698
Ion Ratio Lower Upper
43 100
74 5.2 19.2 28.8#



#19
Methyl tert-butyl Ether
Concen: 1.192 ug/l
RT: 3.366 min Scan# 630
Delta R.T. 0.003 min
Lab File: VU048804.D
Acq: 02 Jun 2022 15:25

Tgt Ion: 73 Resp: 16194
Ion Ratio Lower Upper
73 100
57 119.3 17.1 25.7#

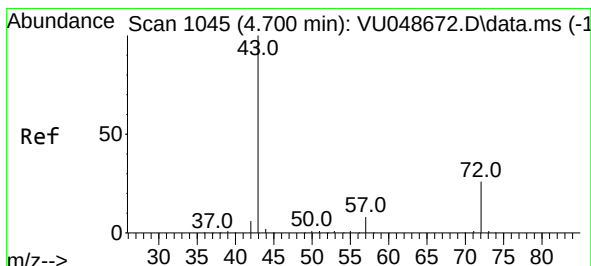
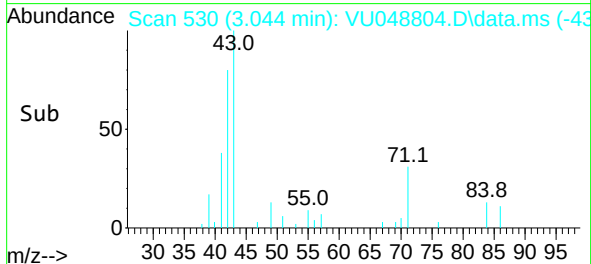
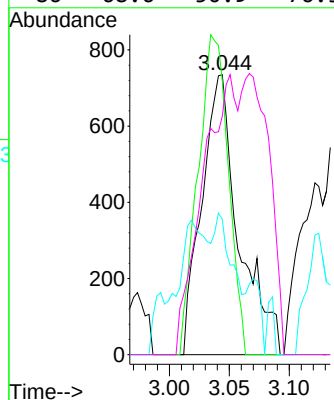
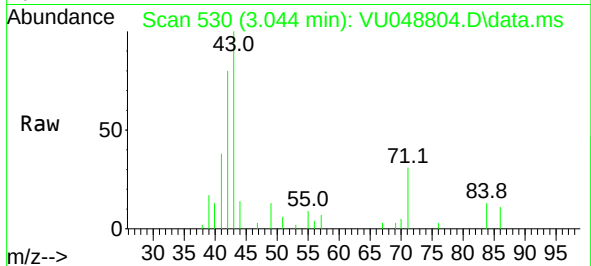




#20
Methylene Chloride
Concen: 0.346 ug/l
RT: 3.044 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU048804.D
Acq: 02 Jun 2022 15:25

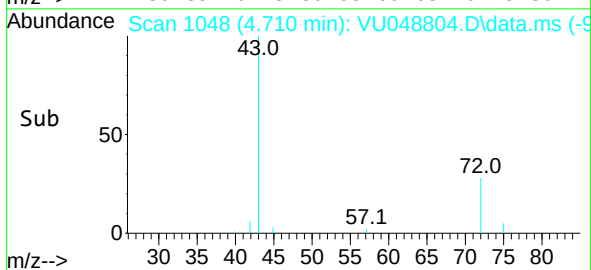
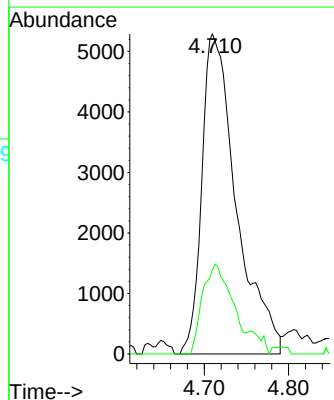
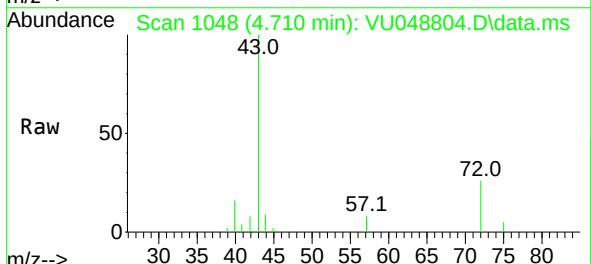
Instrument :
MSVOA_U
ClientSampleId :
MW-06DL

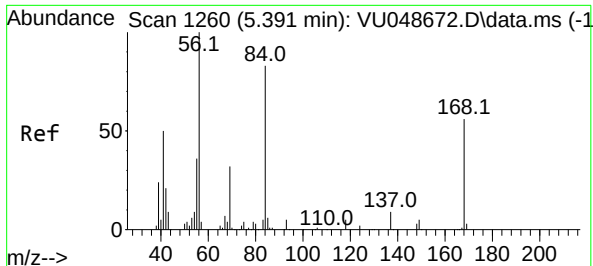
Tgt Ion: 84	Resp: 1582
Ion Ratio	Lower Upper
84 100	
49 97.8	97.0 145.4
51 48.4	29.8 44.8#
86 68.6	50.9 76.3



#25
2-Butanone
Concen: 3.898 ug/l
RT: 4.710 min Scan# 1048
Delta R.T. 0.010 min
Lab File: VU048804.D
Acq: 02 Jun 2022 15:25

Tgt Ion: 43	Resp: 15072
Ion Ratio	Lower Upper
43 100	
72 26.3	21.1 31.7





#31

Cyclohexane

Concen: 3.219 ug/l

RT: 5.375 min Scan# 1

Delta R.T. -0.016 min

Lab File: VU048804.D

Acq: 02 Jun 2022 15:25

Instrument :

MSVOA_U

ClientSampleId :

MW-06DL

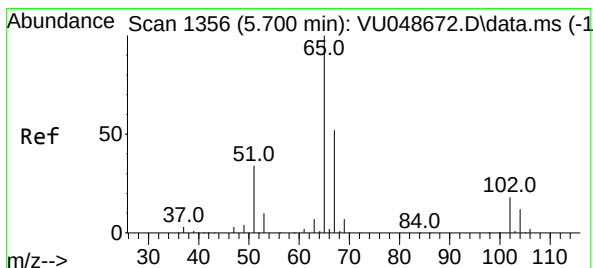
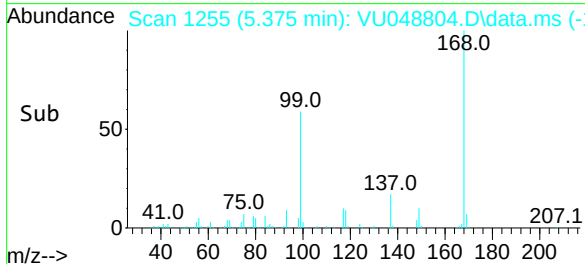
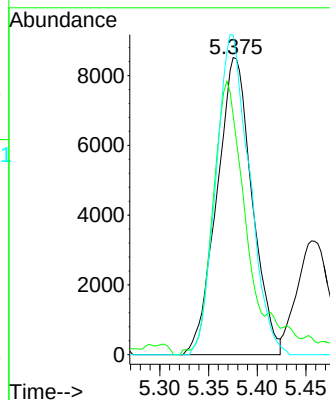
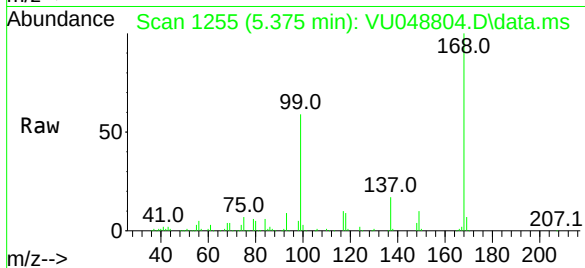
Tgt Ion: 56 Resp: 21425

Ion Ratio Lower Upper

56 100

69 80.6 25.6 38.4#

84 107.5 66.2 99.4#



#33

1,2-Dichloroethane-d4

Concen: 44.650 ug/l

RT: 5.697 min Scan# 1355

Delta R.T. -0.003 min

Lab File: VU048804.D

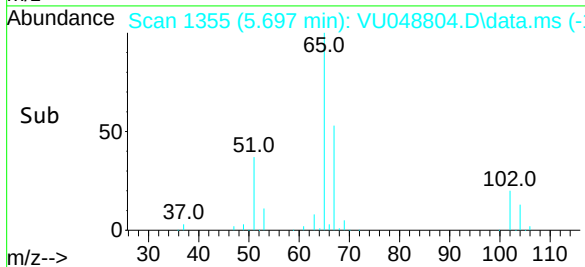
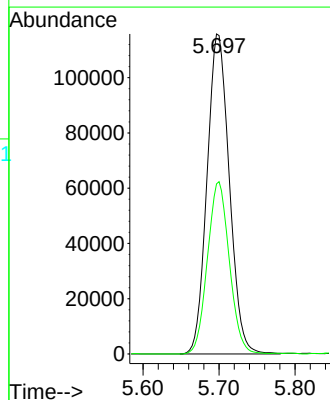
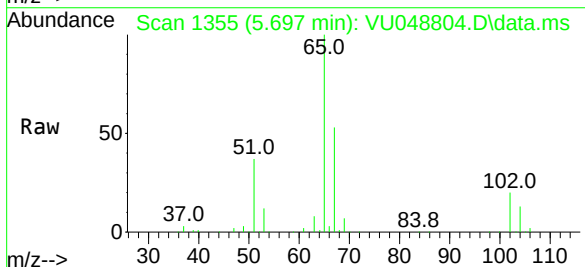
Acq: 02 Jun 2022 15:25

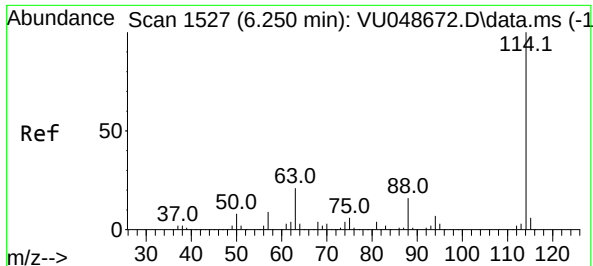
Tgt Ion: 65 Resp: 235798

Ion Ratio Lower Upper

65 100

67 52.9 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.247 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU048804.D

Acq: 02 Jun 2022 15:25

Instrument :

MSVOA_U

ClientSampleId :

MW-06DL

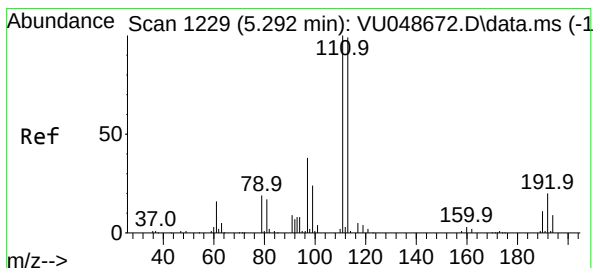
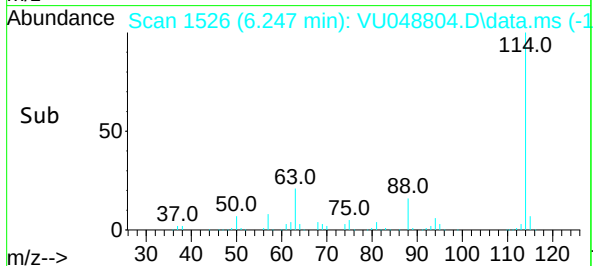
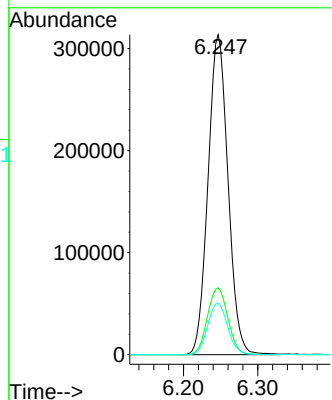
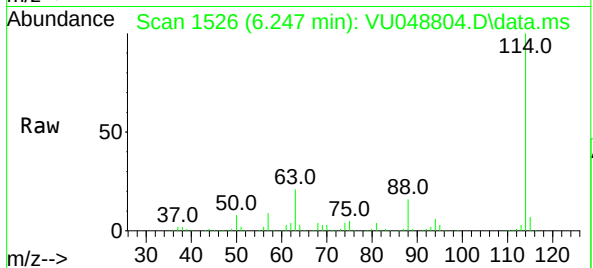
Tgt Ion:114 Resp: 585590

Ion Ratio Lower Upper

114 100

63 20.9 0.0 42.6

88 16.1 0.0 32.2



#35

Dibromofluoromethane

Concen: 44.288 ug/l

RT: 5.285 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VU048804.D

Acq: 02 Jun 2022 15:25

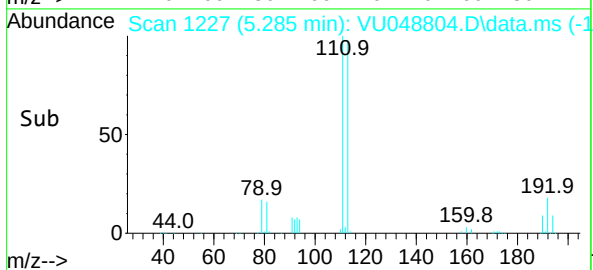
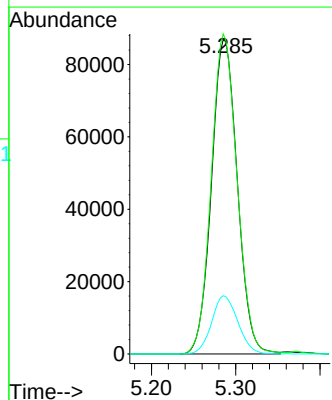
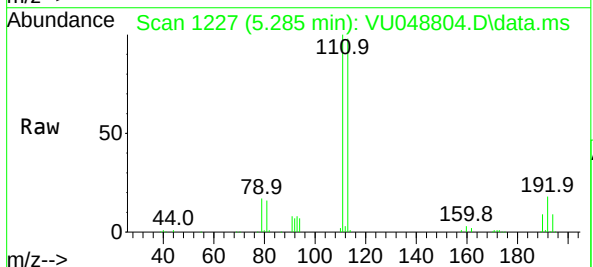
Tgt Ion:113 Resp: 185022

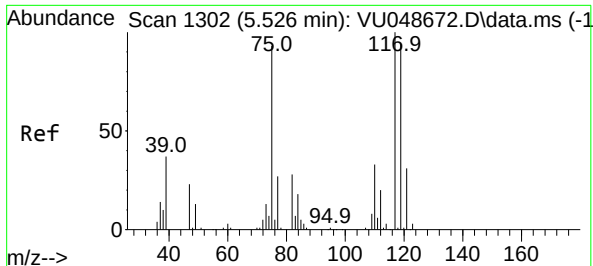
Ion Ratio Lower Upper

113 100

111 101.8 80.7 121.1

192 18.8 15.9 23.9

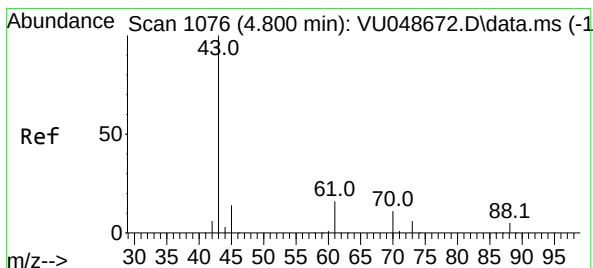
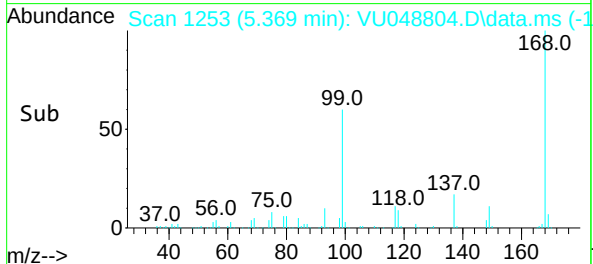
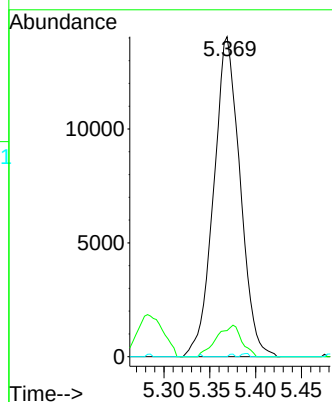
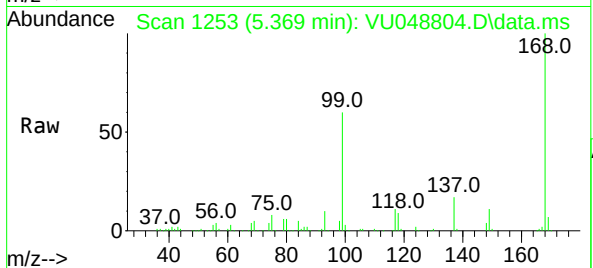




#36
 1,1-Dichloropropene
 Concen: 4.615 ug/l
 RT: 5.369 min Scan# 11
 Delta R.T. -0.158 min
 Lab File: VU048804.D
 Acq: 02 Jun 2022 15:25

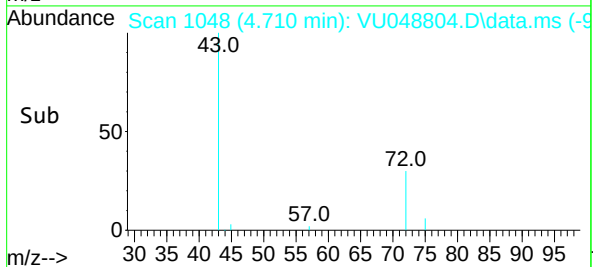
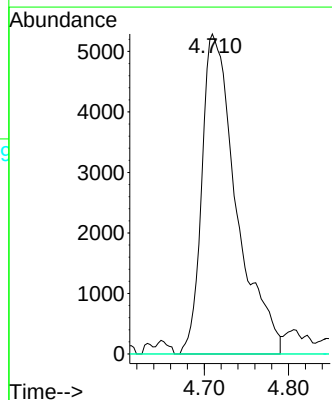
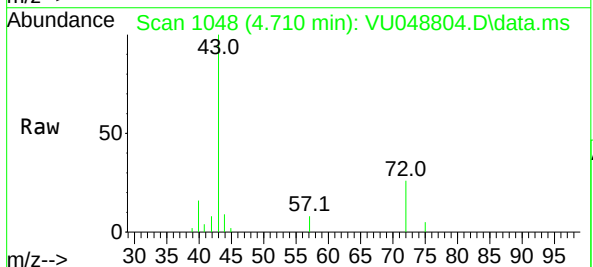
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-06DL

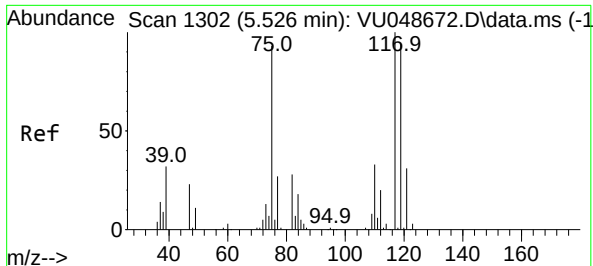
Tgt Ion: 75 Resp: 28137
 Ion Ratio Lower Upper
 75 100
 110 9.4 17.4 52.3#
 77 0.0 24.8 37.2#



#37
 Ethyl Acetate
 Concen: 1.955 ug/l
 RT: 4.710 min Scan# 1048
 Delta R.T. -0.090 min
 Lab File: VU048804.D
 Acq: 02 Jun 2022 15:25

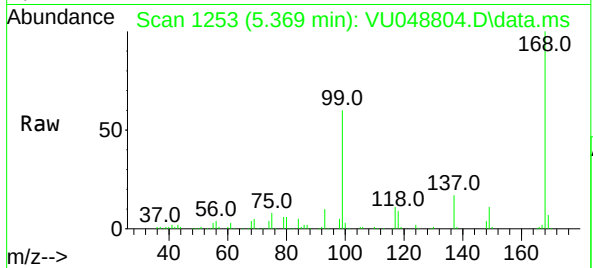
Tgt Ion: 43 Resp: 15072
 Ion Ratio Lower Upper
 43 100
 61 0.0 11.7 17.5#
 70 0.0 8.4 12.6#



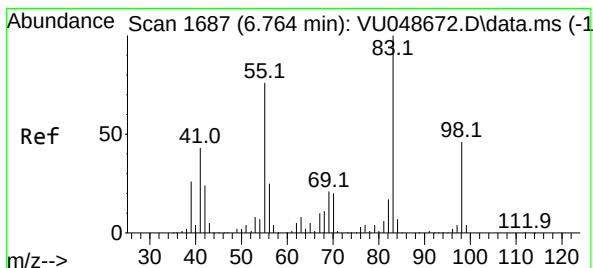
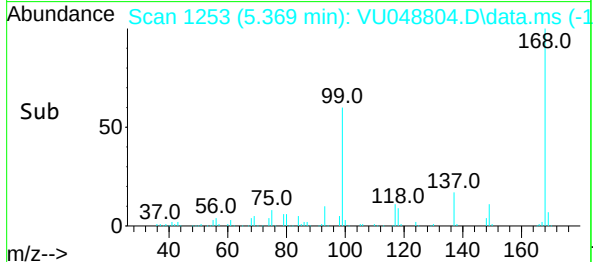
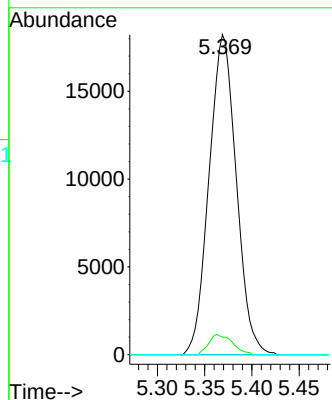


#38
Carbon Tetrachloride
Concen: 5.220 ug/l
RT: 5.369 min Scan# 117
Delta R.T. -0.158 min
Lab File: VU048804.D
Acq: 02 Jun 2022 15:25

Instrument :
MSVOA_U
ClientSampleId :
MW-06DL

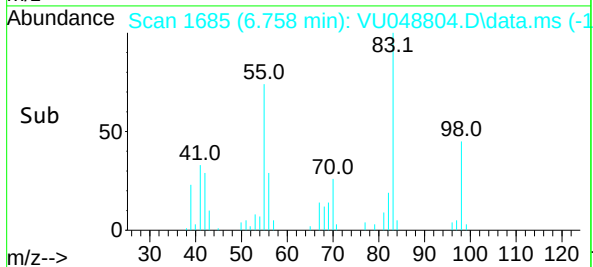
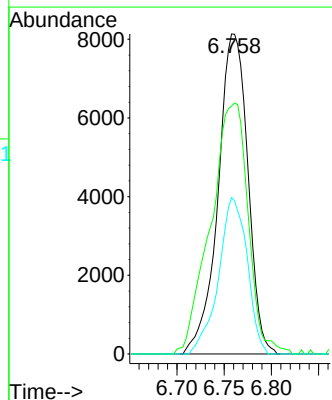
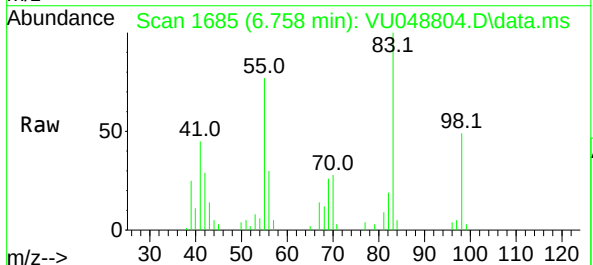


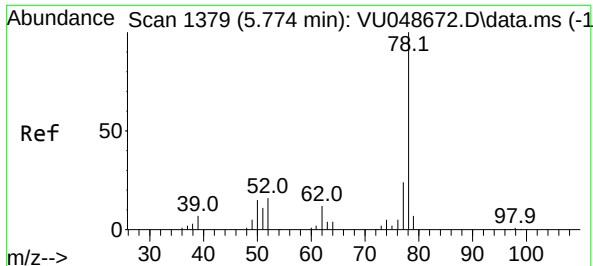
Tgt Ion:117 Resp: 36515
Ion Ratio Lower Upper
117 100
119 5.5 75.4 113.2#
121 0.0 24.6 36.8#



#39
Methylcyclohexane
Concen: 2.785 ug/l
RT: 6.758 min Scan# 1685
Delta R.T. -0.007 min
Lab File: VU048804.D
Acq: 02 Jun 2022 15:25

Tgt Ion: 83 Resp: 17808
Ion Ratio Lower Upper
83 100
55 75.6 61.0 91.6
98 48.9 36.8 55.2

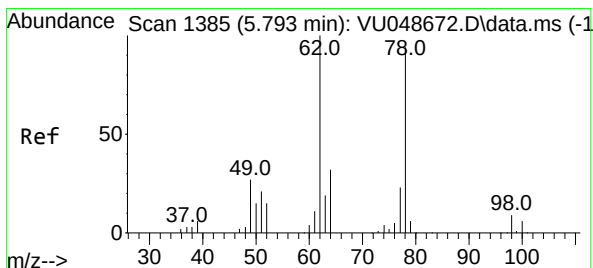
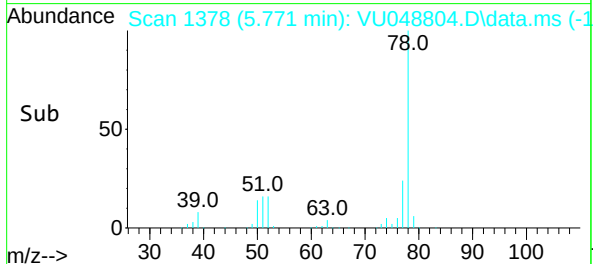
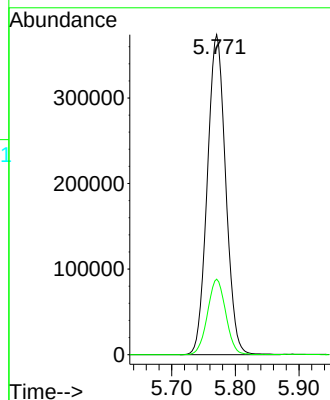
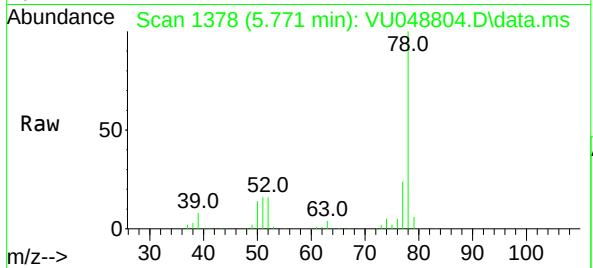




#40
Benzene
Concen: 41.650 ug/l
RT: 5.771 min Scan# 1378
Delta R.T. -0.003 min
Lab File: VU048804.D
Acq: 02 Jun 2022 15:25

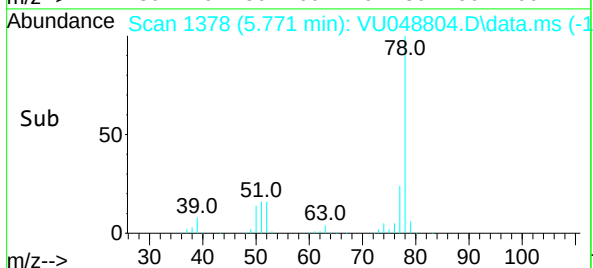
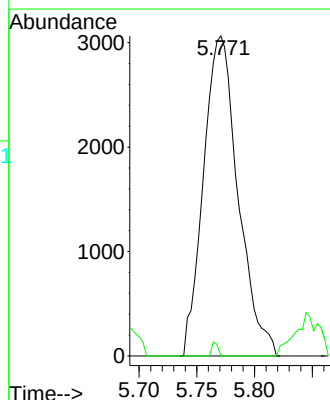
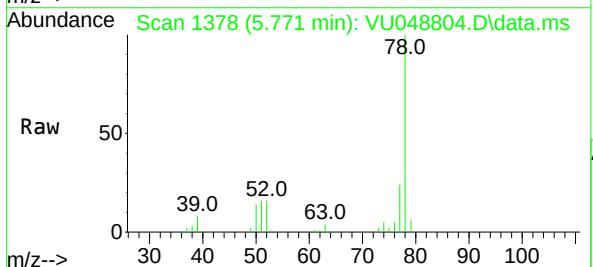
Instrument :
MSVOA_U
ClientSampleId :
MW-06DL

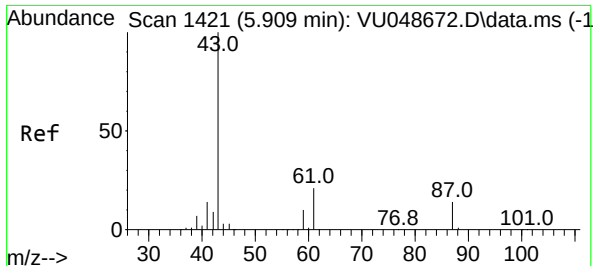
Tgt Ion: 78 Resp: 749750
Ion Ratio Lower Upper
78 100
77 23.6 19.0 28.6



#42
1,2-Dichloroethane
Concen: 0.907 ug/l
RT: 5.771 min Scan# 1378
Delta R.T. -0.022 min
Lab File: VU048804.D
Acq: 02 Jun 2022 15:25

Tgt Ion: 62 Resp: 6393
Ion Ratio Lower Upper
62 100
98 0.7 0.0 17.0





#43

Isopropyl Acetate

Concen: 6.014 ug/l

RT: 5.938 min Scan# 1421

Delta R.T. 0.029 min

Lab File: VU048804.D

Acq: 02 Jun 2022 15:25

Instrument :

MSVOA_U

ClientSampleId :

MW-06DL

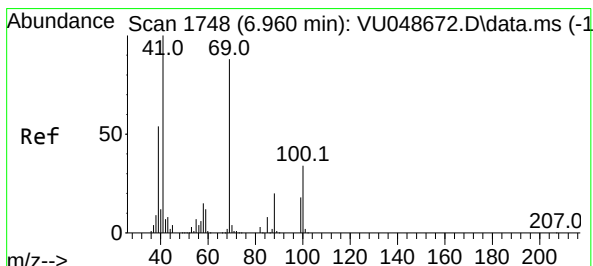
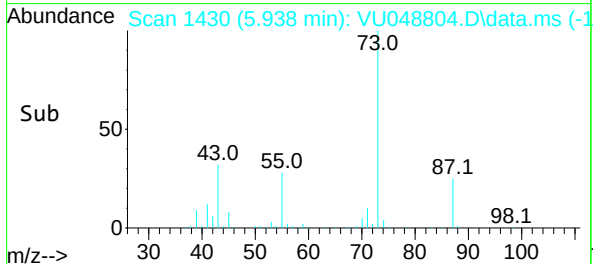
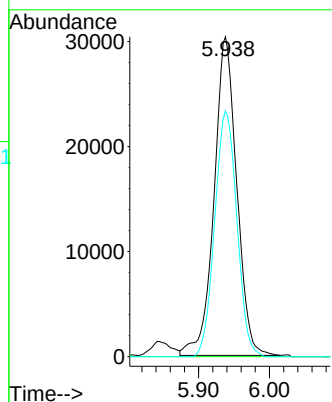
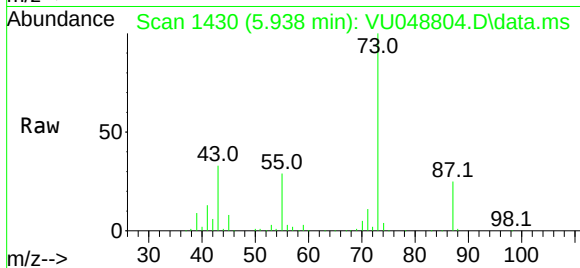
Tgt Ion: 43 Resp: 67283

Ion Ratio Lower Upper

43 100

61 0.0 16.7 25.1#

87 75.4 10.9 16.3#



#48

Methyl methacrylate

Concen: 0.546 ug/l

RT: 6.976 min Scan# 1753

Delta R.T. 0.016 min

Lab File: VU048804.D

Acq: 02 Jun 2022 15:25

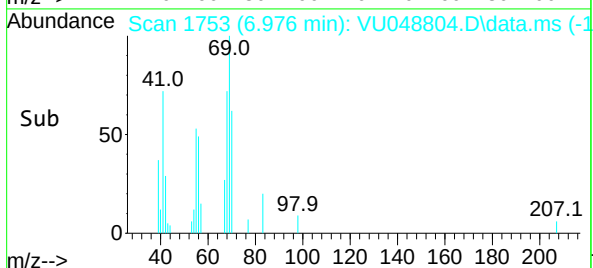
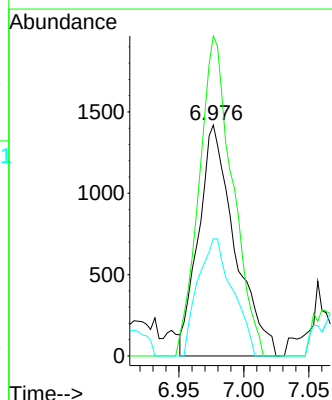
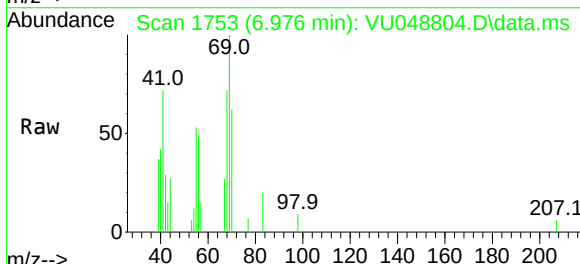
Tgt Ion: 41 Resp: 2741

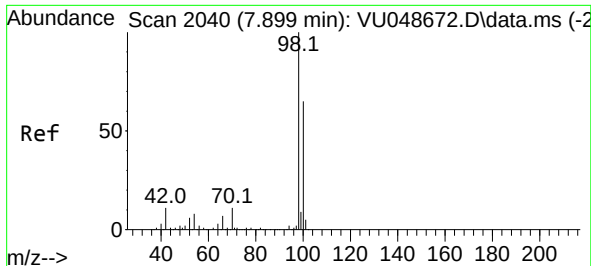
Ion Ratio Lower Upper

41 100

69 128.2 70.7 106.1#

39 48.9 43.4 65.2

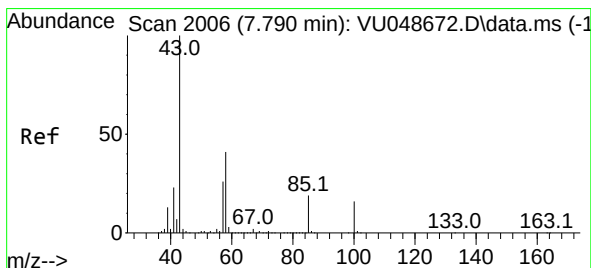
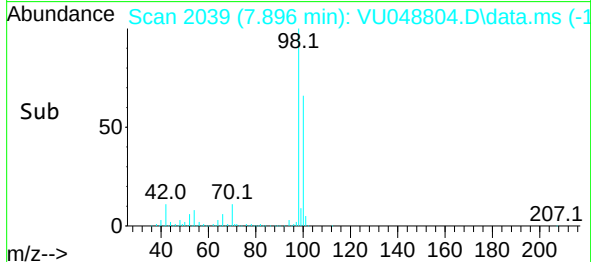
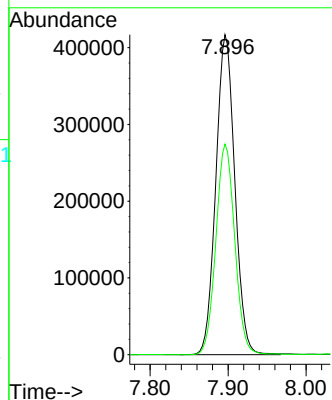
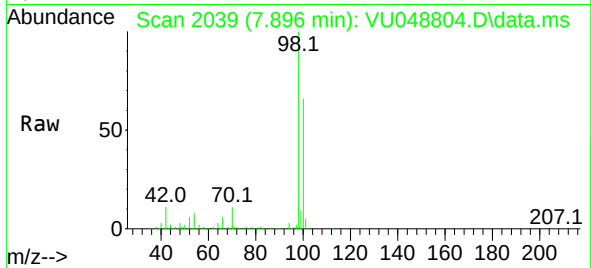




#50
Toluene-d8
Concen: 47.126 ug/l
RT: 7.896 min Scan# 2040
Delta R.T. -0.003 min
Lab File: VU048804.D
Acq: 02 Jun 2022 15:25

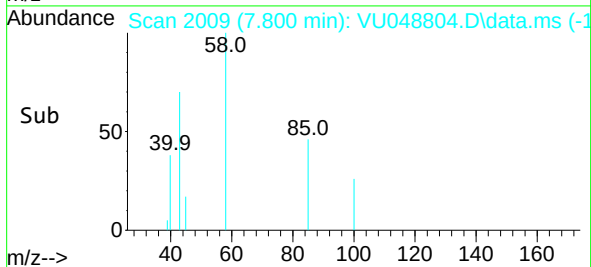
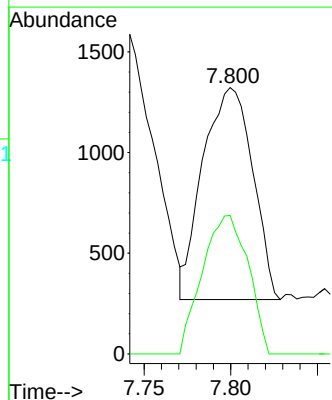
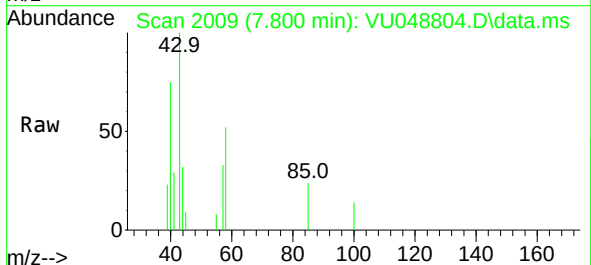
Instrument :
MSVOA_U
ClientSampleId :
MW-06DL

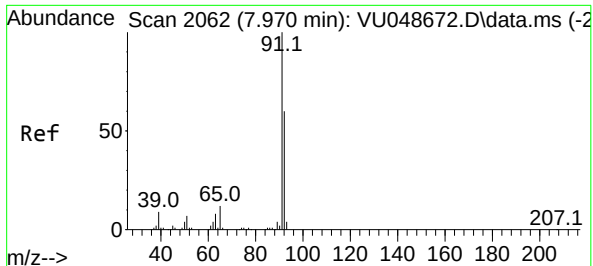
Tgt Ion: 98 Resp: 705746
Ion Ratio Lower Upper
98 100
100 65.6 52.2 78.4



#51
4-Methyl-2-Pentanone
Concen: 0.289 ug/l
RT: 7.800 min Scan# 2009
Delta R.T. 0.010 min
Lab File: VU048804.D
Acq: 02 Jun 2022 15:25

Tgt Ion: 43 Resp: 2099
Ion Ratio Lower Upper
43 100
58 60.0 32.7 49.1#

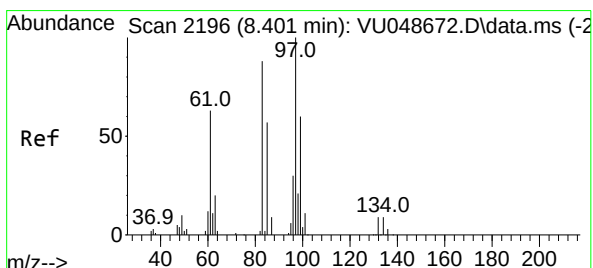
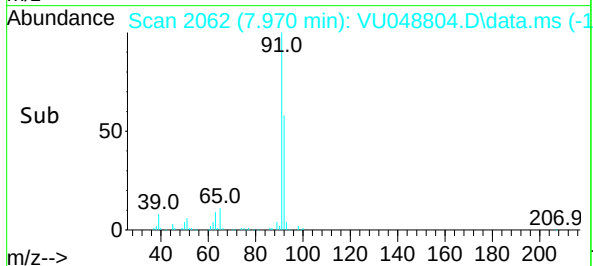
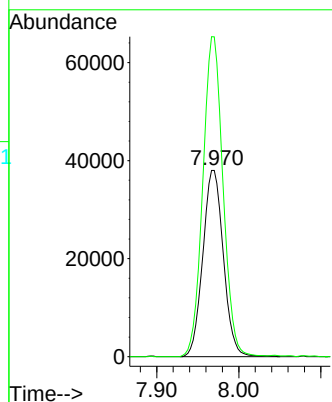
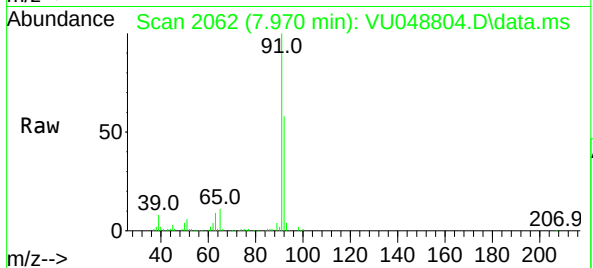




#52
Toluene
Concen: 6.131 ug/l
RT: 7.970 min Scan# 2062
Delta R.T. -0.000 min
Lab File: VU048804.D
Acq: 02 Jun 2022 15:25

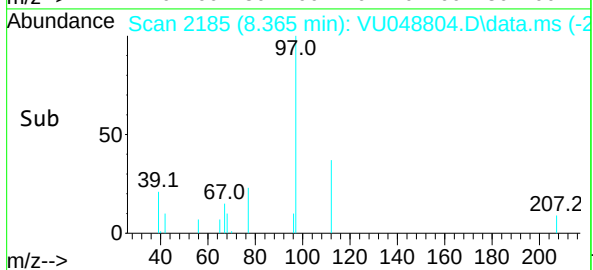
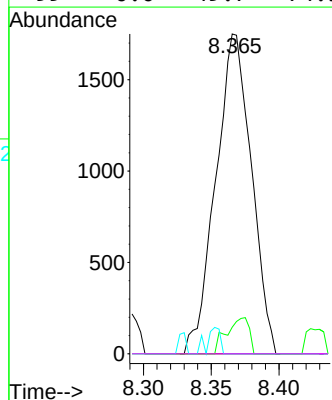
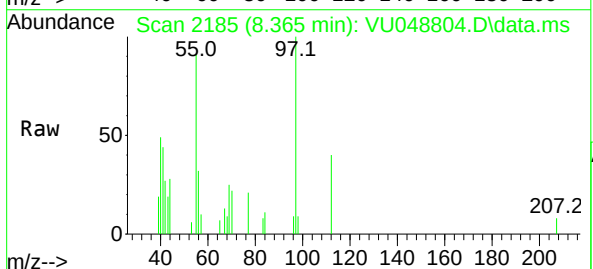
Instrument :
MSVOA_U
ClientSampleId :
MW-06DL

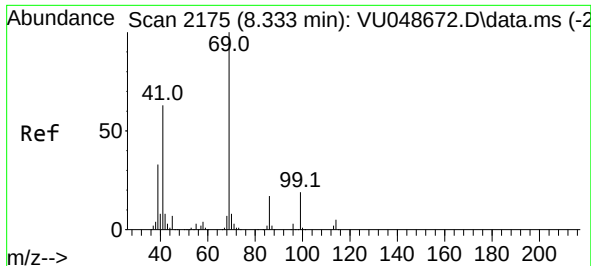
Tgt Ion: 92 Resp: 66010
Ion Ratio Lower Upper
92 100
91 169.1 135.0 202.4



#55
1,1,2-Trichloroethane
Concen: 0.673 ug/l
RT: 8.365 min Scan# 2185
Delta R.T. -0.035 min
Lab File: VU048804.D
Acq: 02 Jun 2022 15:25

Tgt Ion: 97 Resp: 3199
Ion Ratio Lower Upper
97 100
83 8.3 70.2 105.4#
85 0.0 45.6 68.4#
99 0.0 49.7 74.5#

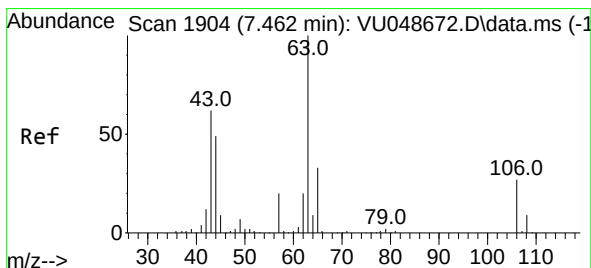
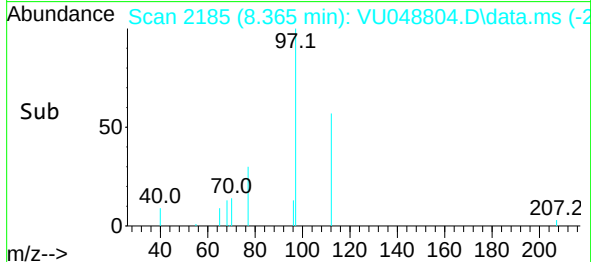
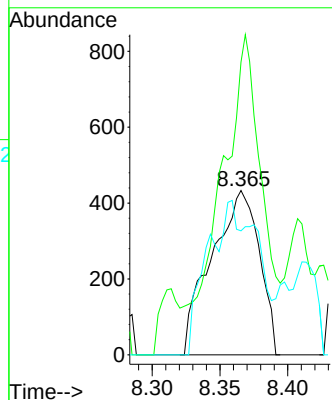
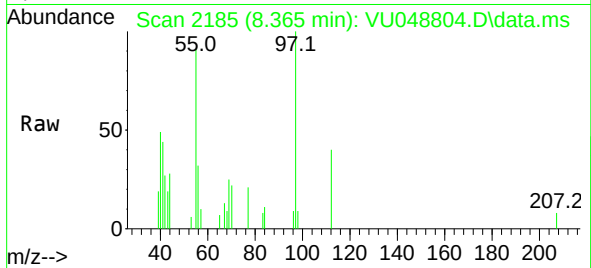




#56
Ethyl methacrylate
Concen: 2.747 ug/l
RT: 8.365 min Scan# 2175
Delta R.T. 0.032 min
Lab File: VU048804.D
Acq: 02 Jun 2022 15:25

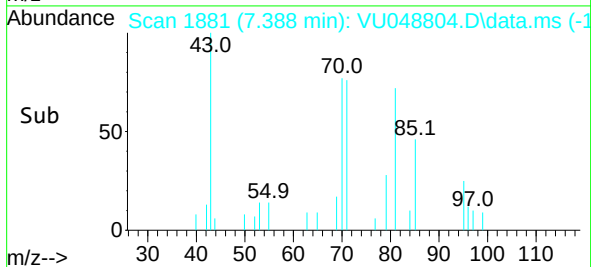
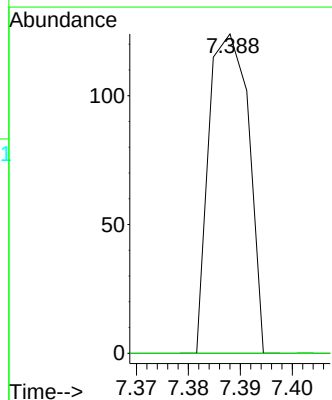
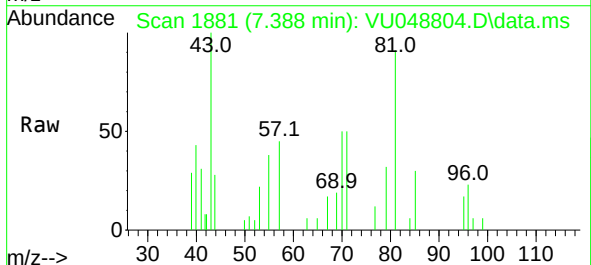
Instrument :
MSVOA_U
ClientSampleId :
MW-06DL

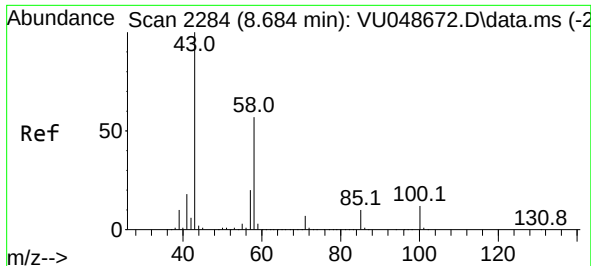
Tgt Ion: 69 Resp: 1062
Ion Ratio Lower Upper
69 100
41 129.3 50.6 76.0#
39 11.0 26.6 40.0#



#58
2-Chloroethyl Vinyl ether
Concen: 29.792 ug/l
RT: 7.388 min Scan# 1881
Delta R.T. -0.074 min
Lab File: VU048804.D
Acq: 02 Jun 2022 15:25

Tgt Ion: 63 Resp: 66
Ion Ratio Lower Upper
63 100
106 0.0 22.2 33.2#





#59

2-Hexanone

Concen: 0.421 ug/l

RT: 8.693 min Scan# 21

Delta R.T. 0.010 min

Lab File: VU048804.D

Acq: 02 Jun 2022 15:25

Instrument :

MSVOA_U

ClientSampleId :

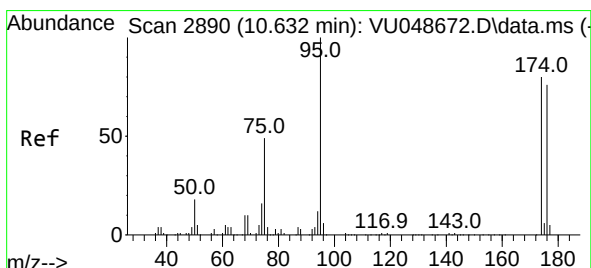
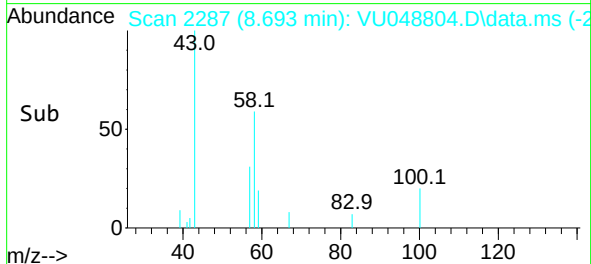
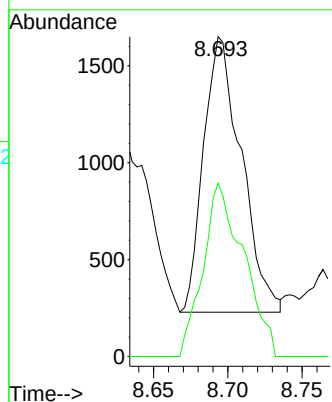
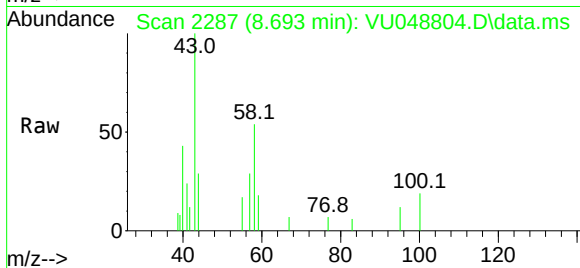
MW-06DL

Tgt Ion: 43 Resp: 2512

Ion Ratio Lower Upper

43 100

58 67.3 28.2 84.6



#62

4-Bromofluorobenzene

Concen: 48.206 ug/l

RT: 10.632 min Scan# 2890

Delta R.T. -0.000 min

Lab File: VU048804.D

Acq: 02 Jun 2022 15:25

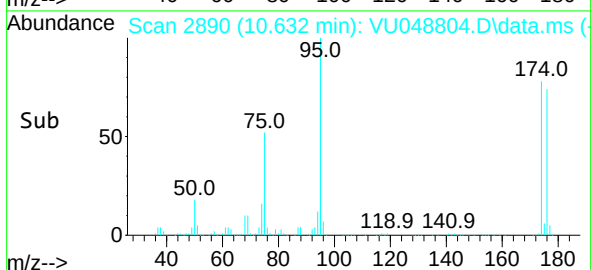
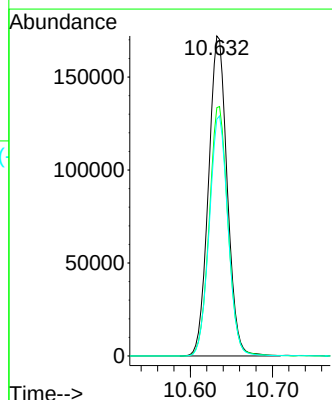
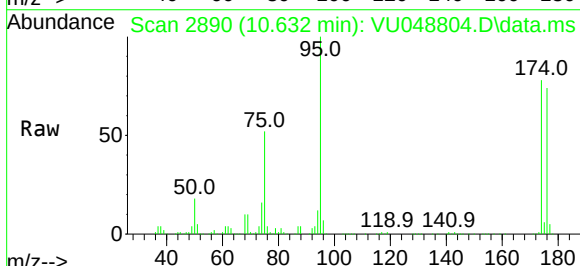
Tgt Ion: 95 Resp: 273020

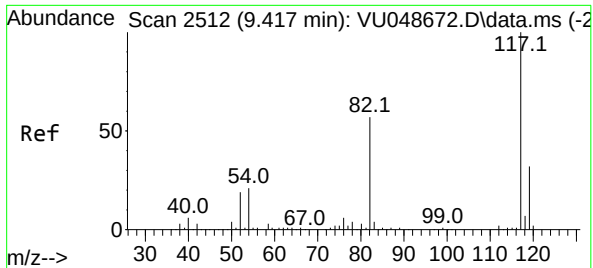
Ion Ratio Lower Upper

95 100

174 77.8 0.0 159.4

176 74.8 0.0 152.4

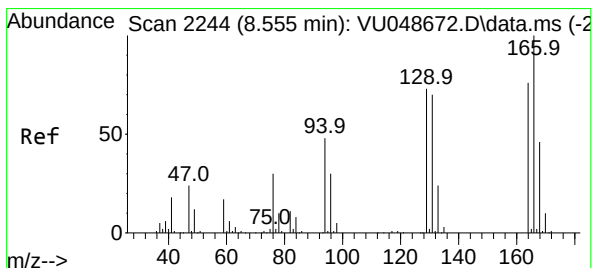
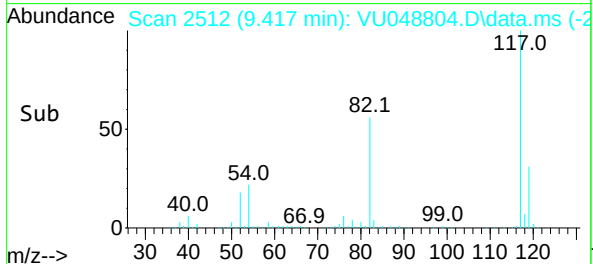
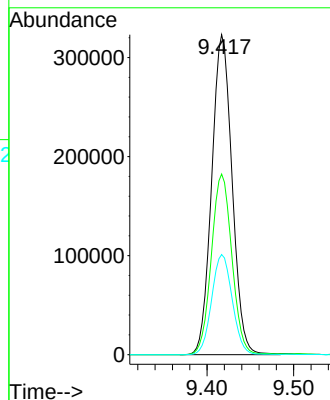
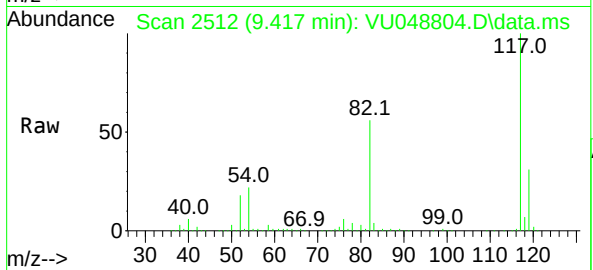




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU048804.D
Acq: 02 Jun 2022 15:25

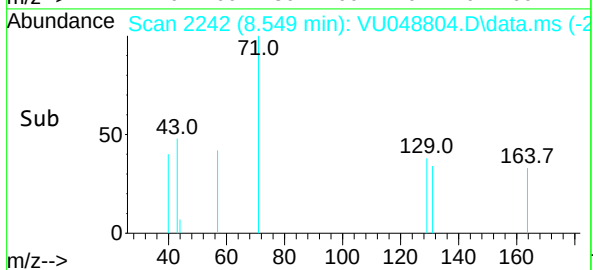
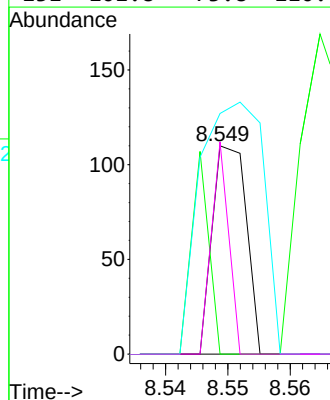
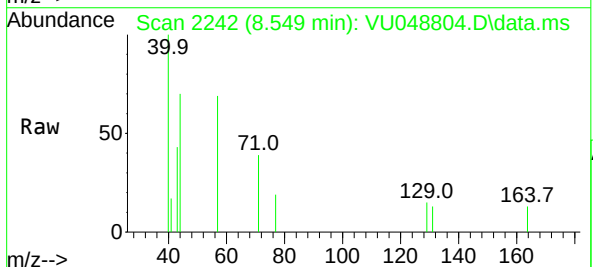
Instrument :
MSVOA_U
ClientSampleId :
MW-06DL

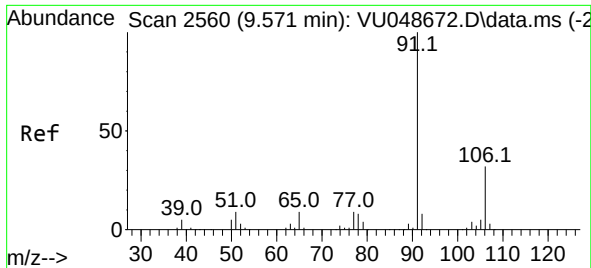
Tgt Ion:117 Resp: 528696
Ion Ratio Lower Upper
117 100
82 56.4 45.3 67.9
119 31.3 25.4 38.2



#64
Tetrachloroethene
Concen: Below Cal
RT: 8.549 min Scan# 2242
Delta R.T. -0.006 min
Lab File: VU048804.D
Acq: 02 Jun 2022 15:25

Tgt Ion:164 Resp: 42
Ion Ratio Lower Upper
164 100
166 0.0 105.0 157.4#
129 115.5 76.5 114.7#
131 101.8 73.8 110.6

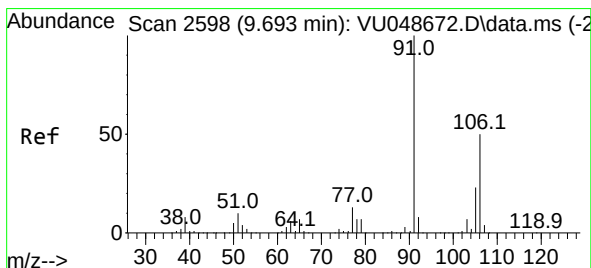
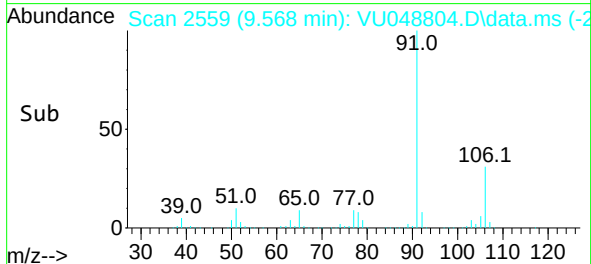
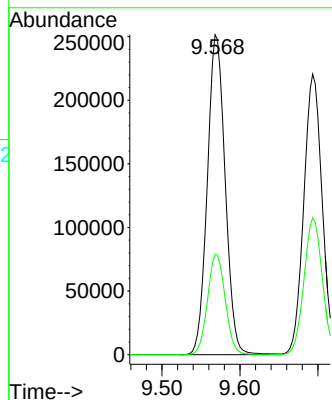
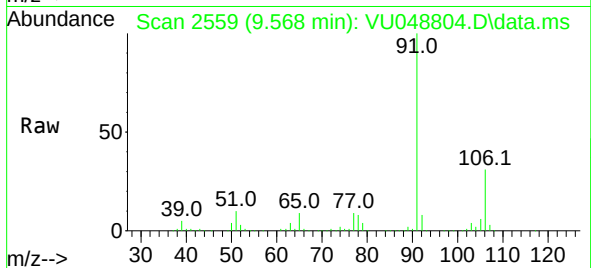




#67
Ethyl Benzene
Concen: 21.233 ug/l
RT: 9.568 min Scan# 2559
Delta R.T. -0.003 min
Lab File: VU048804.D
Acq: 02 Jun 2022 15:25

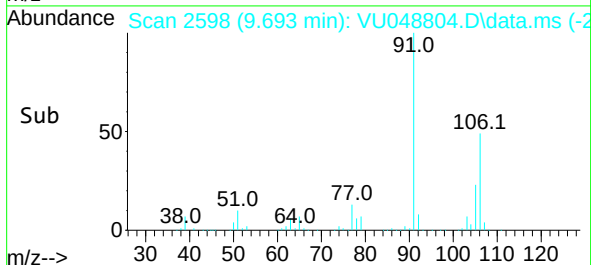
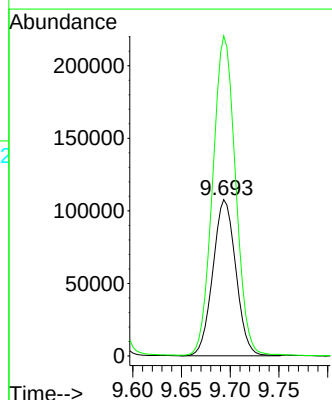
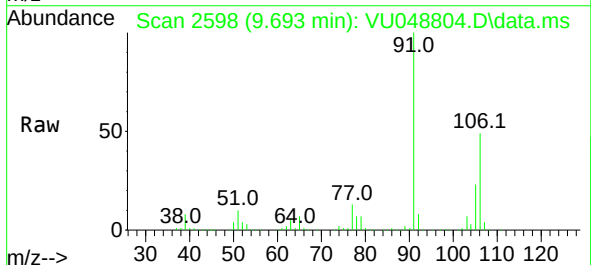
Instrument :
MSVOA_U
ClientSampleId :
MW-06DL

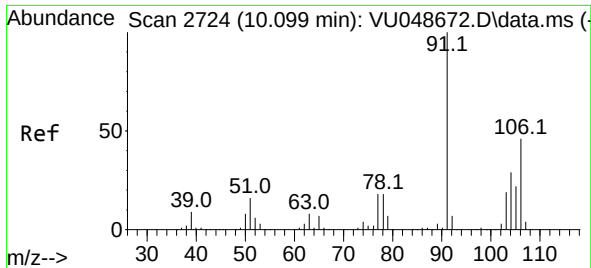
Tgt Ion: 91 Resp: 400447
Ion Ratio Lower Upper
91 100
106 31.4 25.4 38.2



#68
m/p-Xylenes
Concen: 23.881 ug/l
RT: 9.693 min Scan# 2598
Delta R.T. -0.000 min
Lab File: VU048804.D
Acq: 02 Jun 2022 15:25

Tgt Ion: 106 Resp: 176152
Ion Ratio Lower Upper
106 100
91 205.4 162.4 243.6

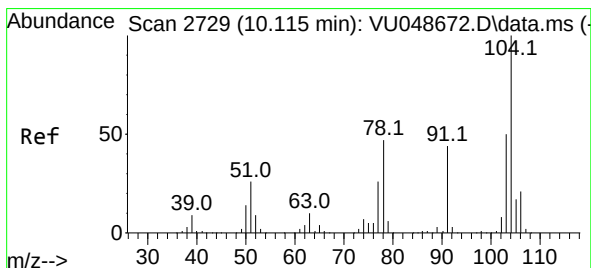
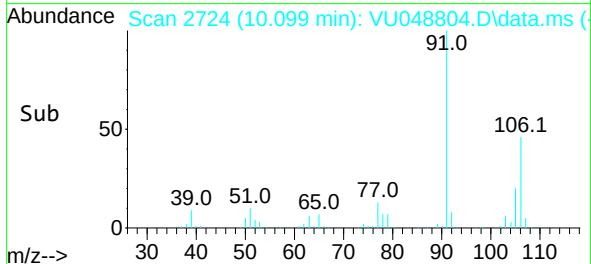
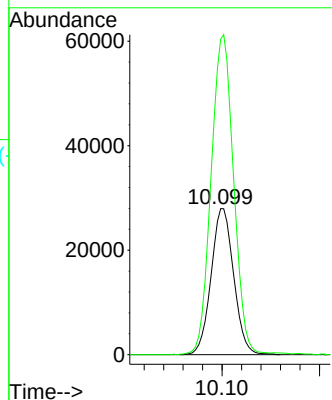
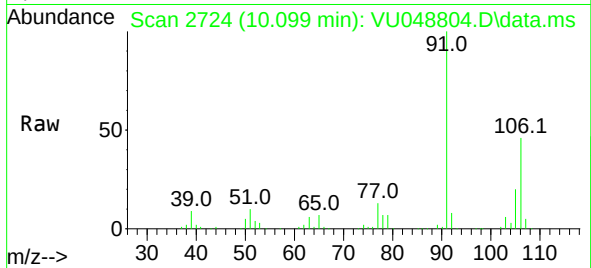




#69
o-Xylene
Concen: 6.206 ug/l
RT: 10.099 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU048804.D
Acq: 02 Jun 2022 15:25

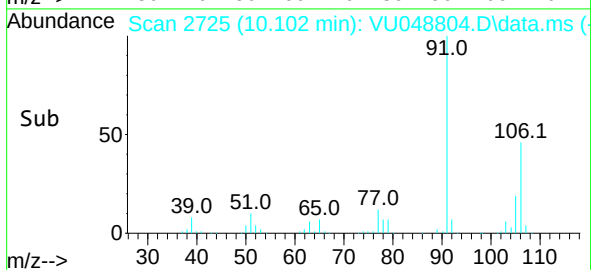
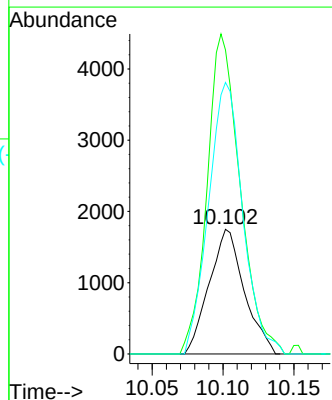
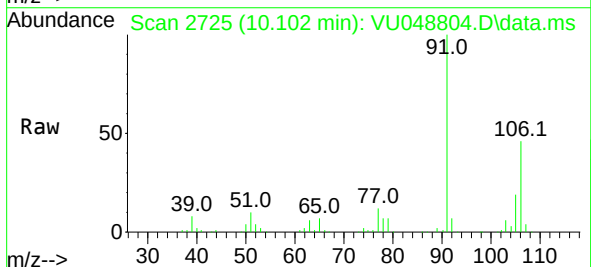
Instrument :
MSVOA_U
ClientSampleId :
MW-06DL

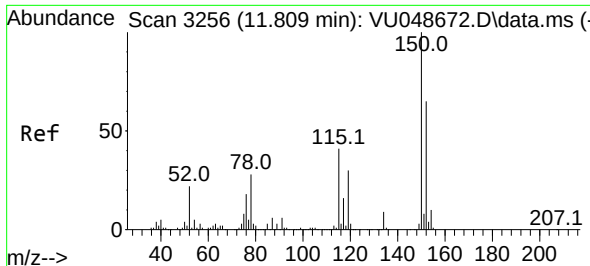
Tgt Ion:106 Resp: 44971
Ion Ratio Lower Upper
106 100
91 219.3 107.7 323.3



#70
Styrene
Concen: 0.253 ug/l
RT: 10.102 min Scan# 2725
Delta R.T. -0.013 min
Lab File: VU048804.D
Acq: 02 Jun 2022 15:25

Tgt Ion:104 Resp: 3015
Ion Ratio Lower Upper
104 100
78 240.7 41.2 61.8#
103 213.0 43.4 65.2#

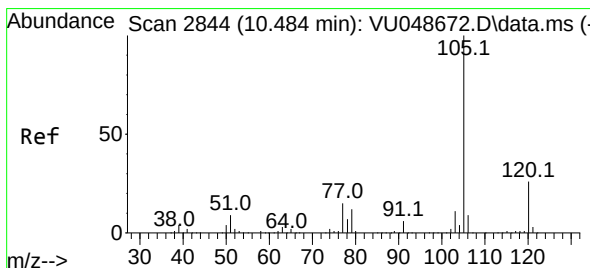
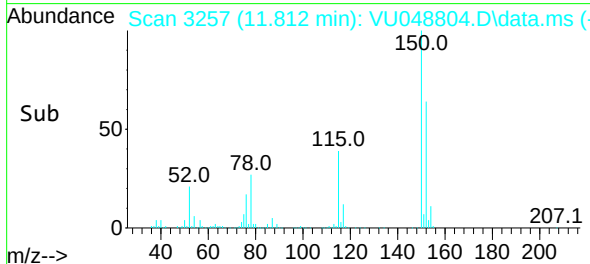
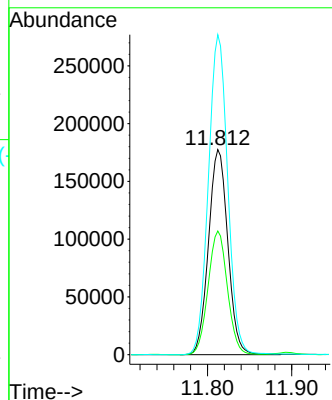
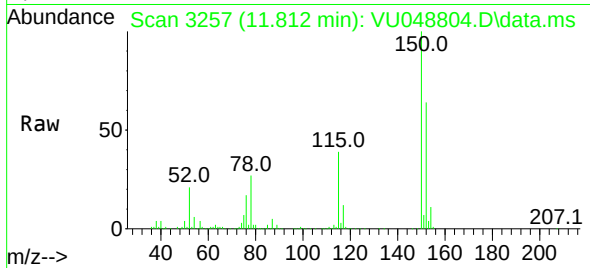




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU048804.D
Acq: 02 Jun 2022 15:25

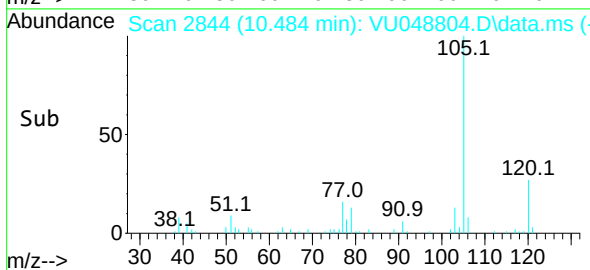
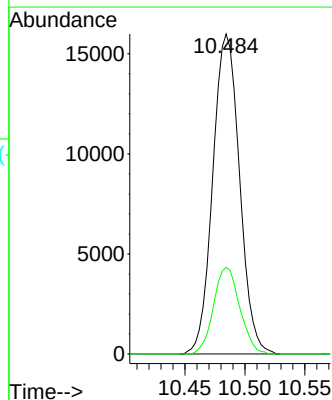
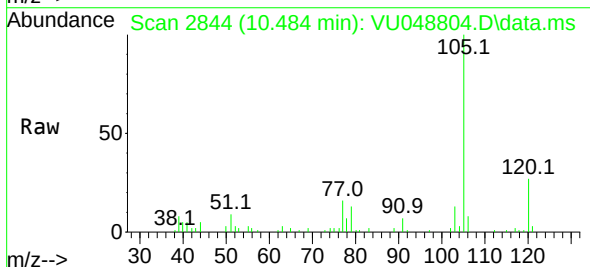
Instrument :
MSVOA_U
ClientSampleId :
MW-06DL

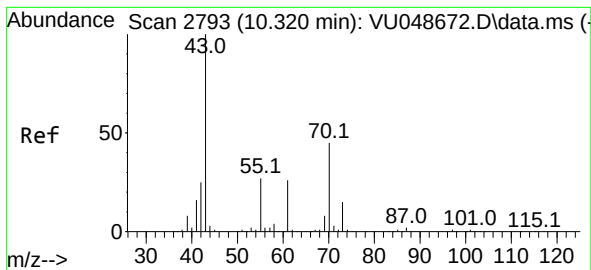
Tgt Ion:152 Resp: 283044
Ion Ratio Lower Upper
152 100
115 60.4 41.8 125.4
150 156.0 0.0 341.0



#73
Isopropylbenzene
Concen: 1.355 ug/l
RT: 10.484 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VU048804.D
Acq: 02 Jun 2022 15:25

Tgt Ion:105 Resp: 24757
Ion Ratio Lower Upper
105 100
120 26.5 12.9 38.6





#74

N-amy1 acetate

Concen: 2.478 ug/l

RT: 10.295 min Scan# 21

Delta R.T. -0.025 min

Lab File: VU048804.D

Acq: 02 Jun 2022 15:25

Instrument :

MSVOA_U

ClientSampleId :

MW-06DL

Tgt Ion: 43 Resp: 112

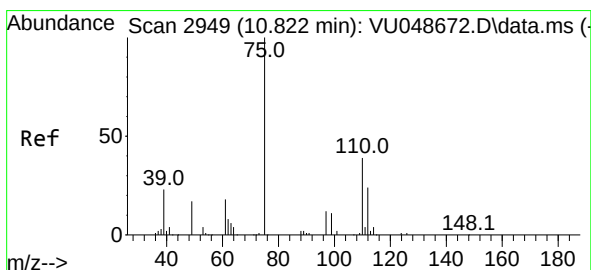
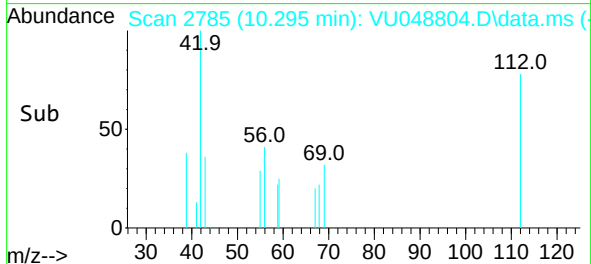
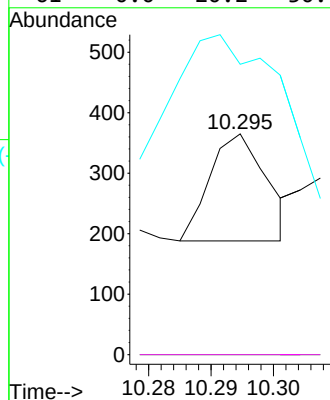
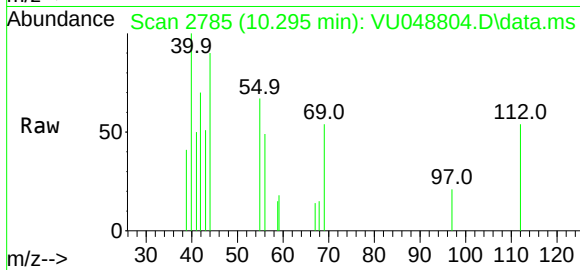
Ion Ratio Lower Upper

43 100

70 0.0 35.8 53.6#

55 503.6 21.1 31.7#

61 0.0 20.2 30.4#



#76

1,2,3-Trichloropropane

Concen: 15.329 ug/l

RT: 10.632 min Scan# 2890

Delta R.T. -0.190 min

Lab File: VU048804.D

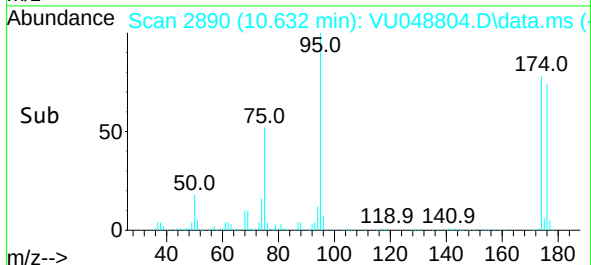
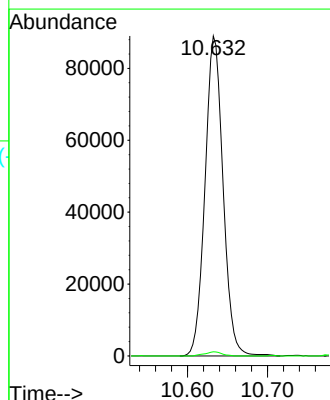
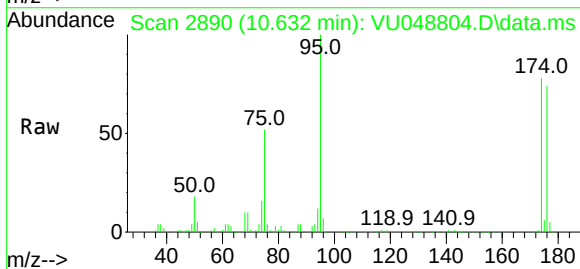
Acq: 02 Jun 2022 15:25

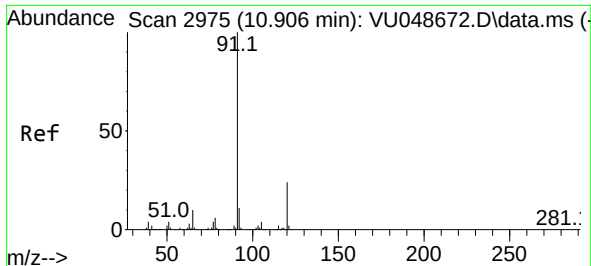
Tgt Ion: 75 Resp: 139897

Ion Ratio Lower Upper

75 100

77 1.2 14.8 44.3#

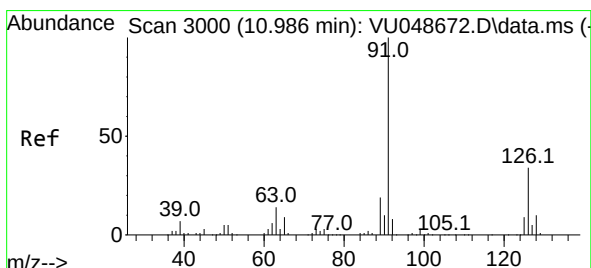
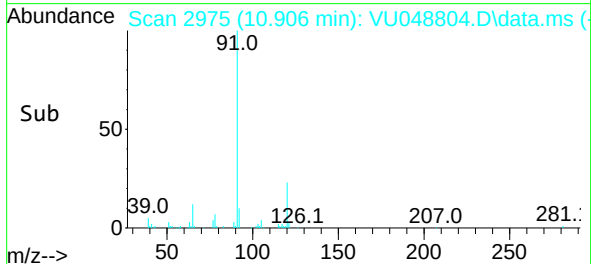
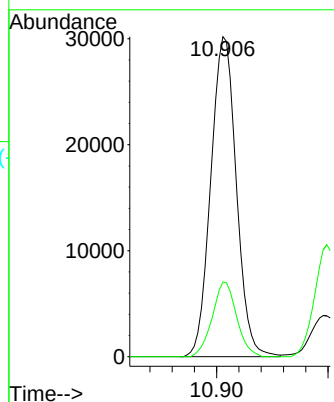
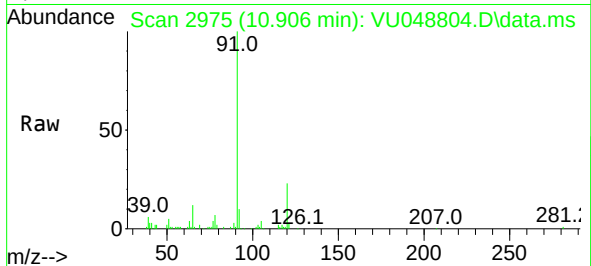




#78
n-propylbenzene
Concen: 2.206 ug/l
RT: 10.906 min Scan# 2975
Delta R.T. -0.000 min
Lab File: VU048804.D
Acq: 02 Jun 2022 15:25

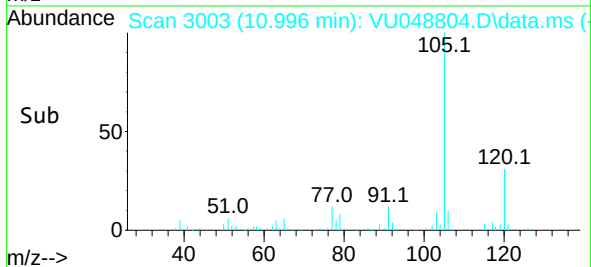
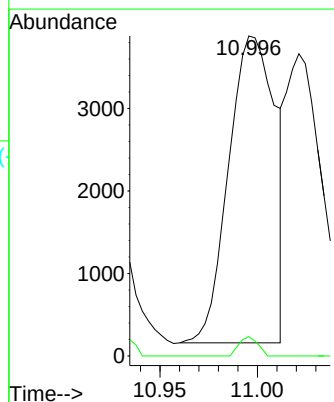
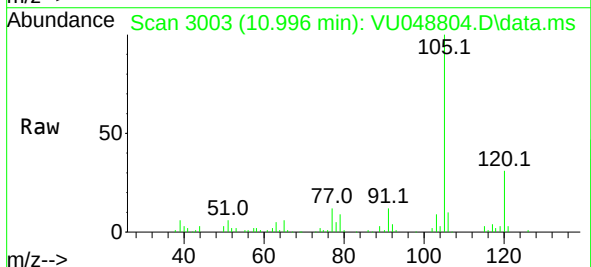
Instrument :
MSVOA_U
ClientSampleId :
MW-06DL

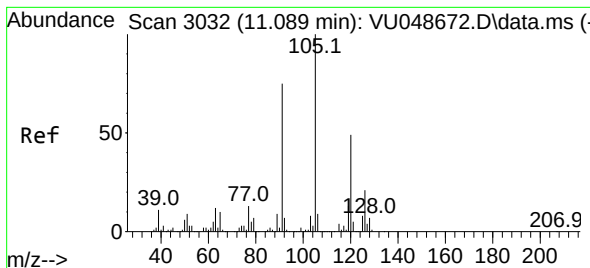
Tgt Ion: 91 Resp: 48037
Ion Ratio Lower Upper
91 100
120 22.3 11.6 34.7



#79
2-Chlorotoluene
Concen: 0.456 ug/l
RT: 10.996 min Scan# 3003
Delta R.T. 0.010 min
Lab File: VU048804.D
Acq: 02 Jun 2022 15:25

Tgt Ion: 91 Resp: 6180
Ion Ratio Lower Upper
91 100
126 2.5 16.7 50.0#





#80

1,3,5-Trimethylbenzene

Concen: 3.418 ug/l

RT: 11.086 min Scan# 3032

Delta R.T. -0.003 min

Lab File: VU048804.D

Acq: 02 Jun 2022 15:25

Instrument :

MSVOA_U

ClientSampleId :

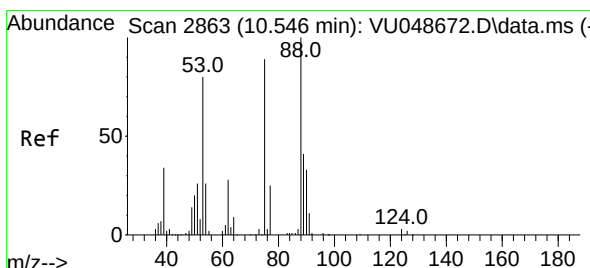
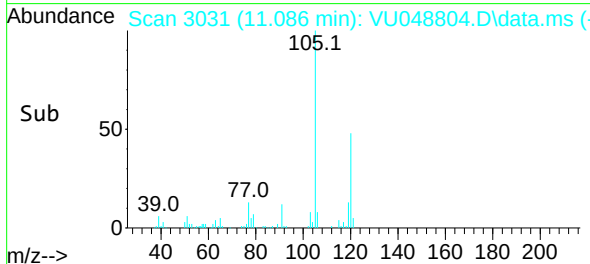
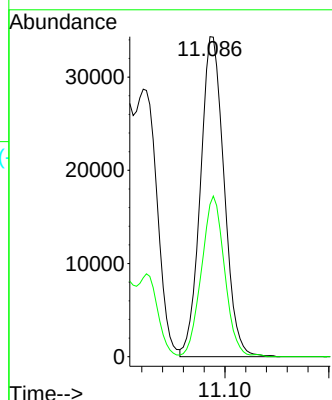
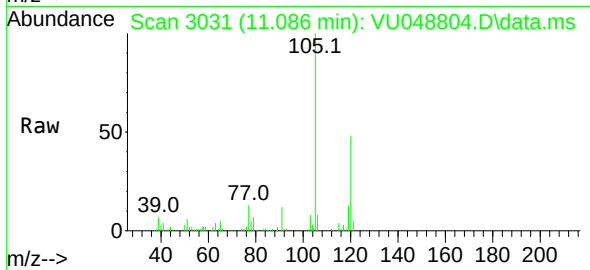
MW-06DL

Tgt Ion:105 Resp: 54309

Ion Ratio Lower Upper

105 100

120 49.0 24.1 72.3



#81

trans-1,4-Dichloro-2-butene

Concen: 55.659 ug/l

RT: 10.632 min Scan# 2890

Delta R.T. 0.087 min

Lab File: VU048804.D

Acq: 02 Jun 2022 15:25

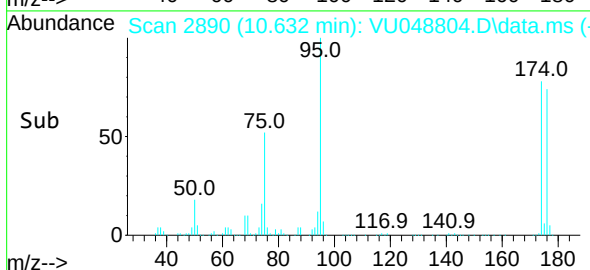
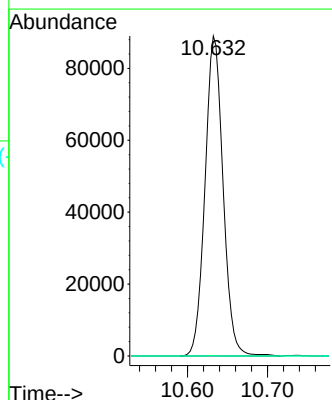
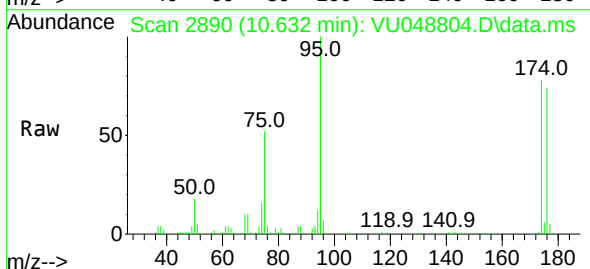
Tgt Ion: 75 Resp: 139897

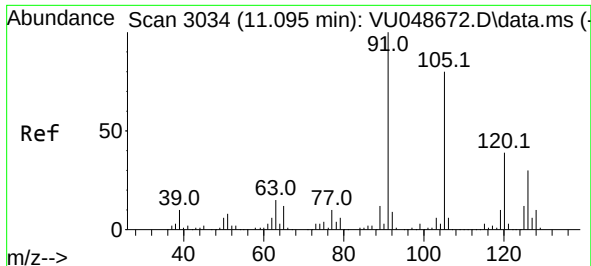
Ion Ratio Lower Upper

75 100

53 0.1 72.5 108.7#

89 0.0 37.0 55.4#

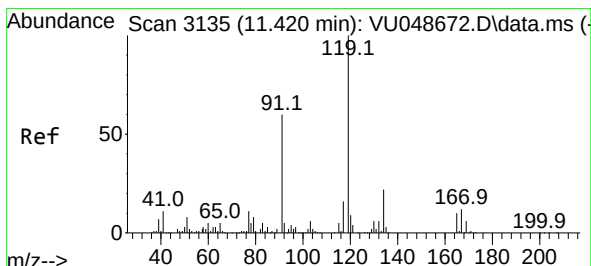
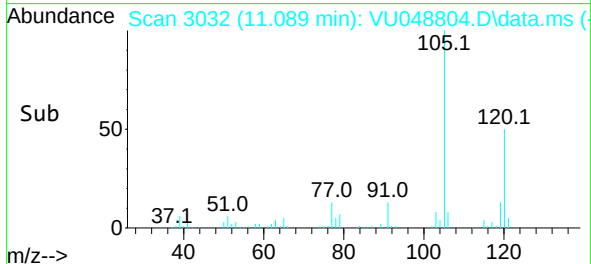
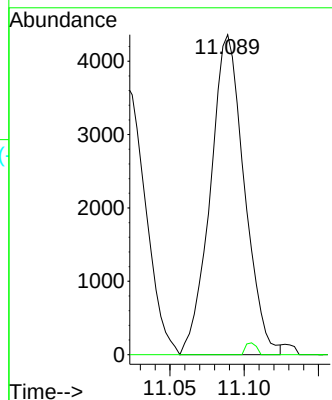
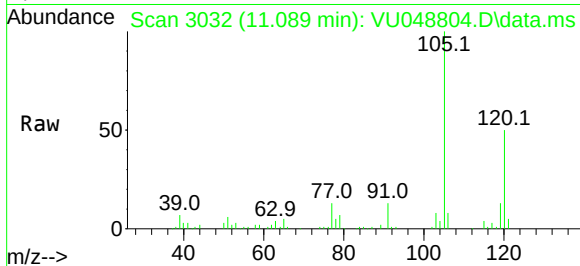




#82
4-Chlorotoluene
Concen: 0.444 ug/l
RT: 11.089 min Scan# 3034
Delta R.T. -0.007 min
Lab File: VU048804.D
Acq: 02 Jun 2022 15:25

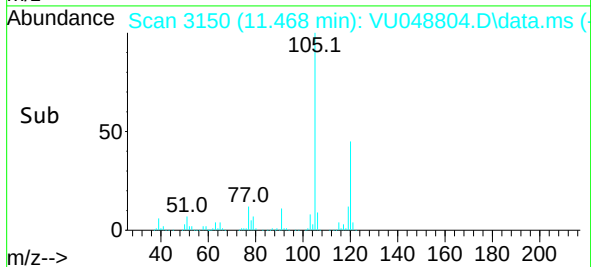
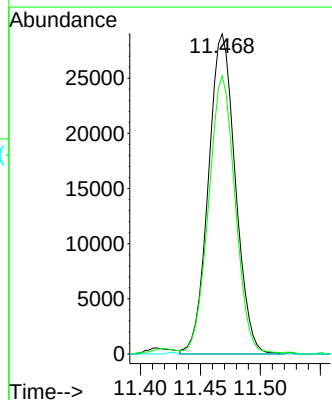
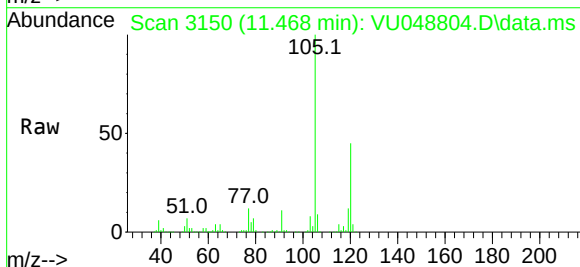
Instrument :
MSVOA_U
ClientSampleId :
MW-06DL

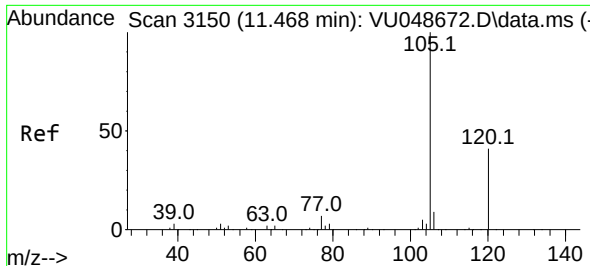
Tgt Ion: 91 Resp: 6933
Ion Ratio Lower Upper
91 100
126 1.2 14.4 43.2#



#83
tert-Butylbenzene
Concen: 2.972 ug/l
RT: 11.468 min Scan# 3150
Delta R.T. 0.048 min
Lab File: VU048804.D
Acq: 02 Jun 2022 15:25

Tgt Ion: 119 Resp: 45321
Ion Ratio Lower Upper
119 100
91 84.8 28.7 86.1
134 0.0 10.8 32.4#

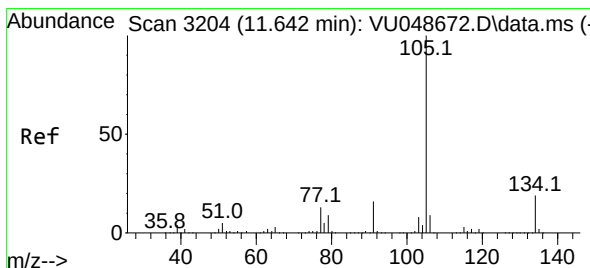
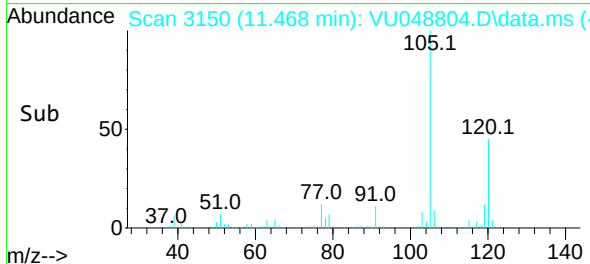
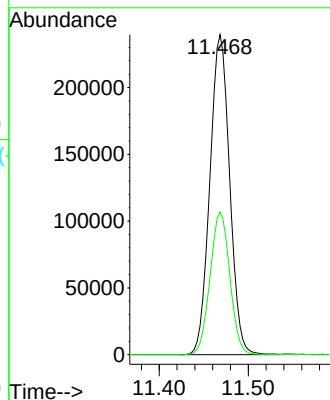
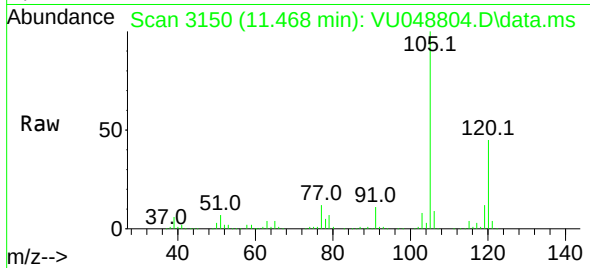




#84
1,2,4-Trimethylbenzene
Concen: 22.255 ug/l
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU048804.D
Acq: 02 Jun 2022 15:25

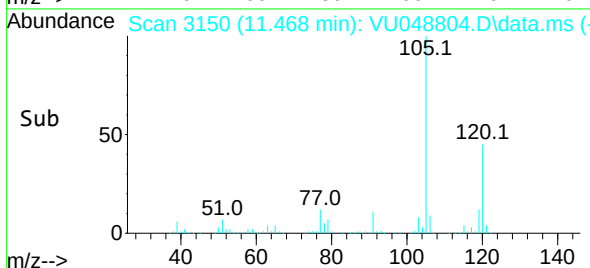
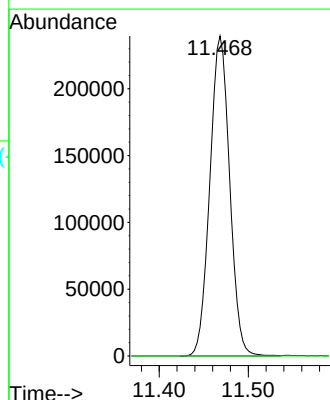
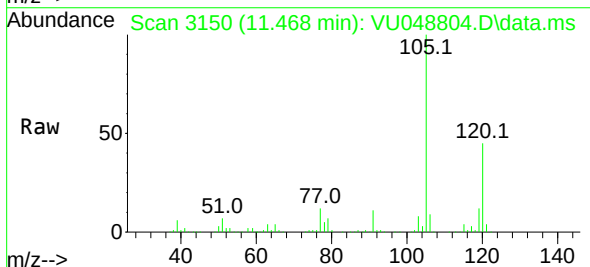
Instrument :
MSVOA_U
ClientSampleId :
MW-06DL

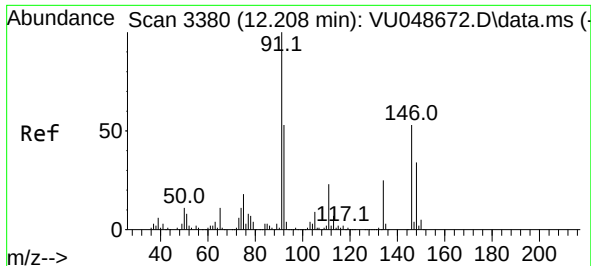
Tgt Ion:105 Resp: 369594
Ion Ratio Lower Upper
105 100
120 44.4 22.5 67.5



#85
sec-Butylbenzene
Concen: 19.371 ug/l
RT: 11.468 min Scan# 3150
Delta R.T. -0.174 min
Lab File: VU048804.D
Acq: 02 Jun 2022 15:25

Tgt Ion:105 Resp: 369594
Ion Ratio Lower Upper
105 100
134 0.0 9.6 28.6#





#89

n-Butylbenzene

Concen: 2.710 ug/l

RT: 12.195 min Scan# 31

Delta R.T. -0.013 min

Lab File: VU048804.D

Acq: 02 Jun 2022 15:25

Instrument :

MSVOA_U

ClientSampleId :

MW-06DL

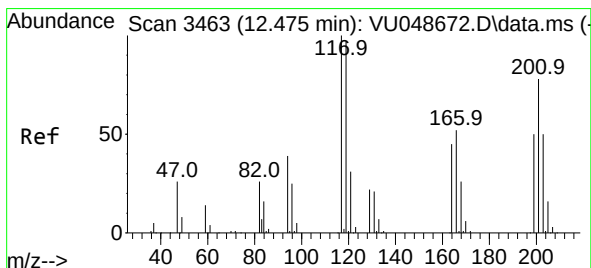
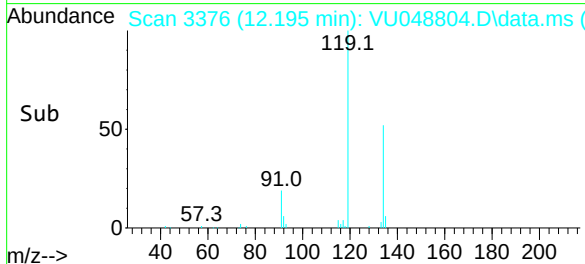
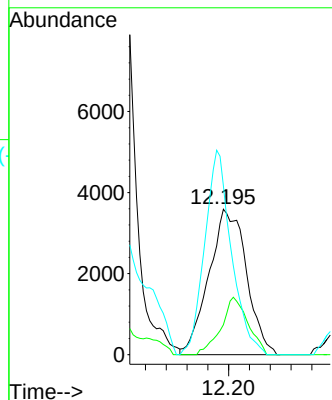
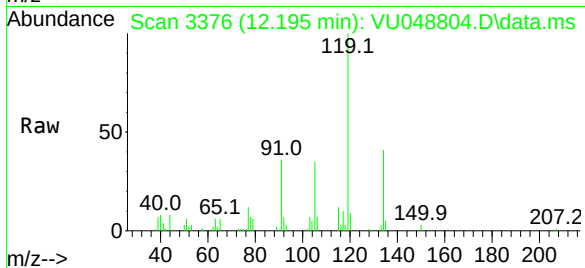
Tgt Ion: 91 Resp: 9005

Ion Ratio Lower Upper

91 100

92 28.3 25.9 77.8

134 100.2 12.5 37.5#



#90

Hexachloroethane

Concen: 1.016 ug/l

RT: 12.465 min Scan# 3460

Delta R.T. -0.010 min

Lab File: VU048804.D

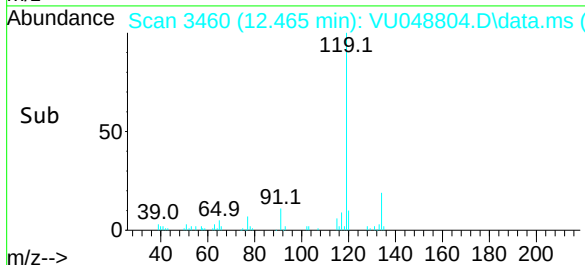
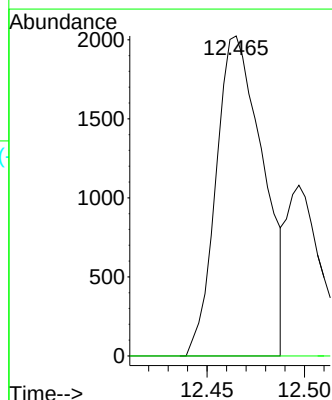
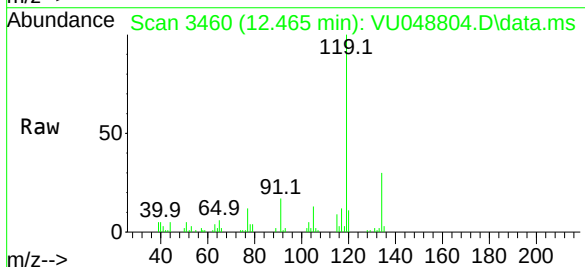
Acq: 02 Jun 2022 15:25

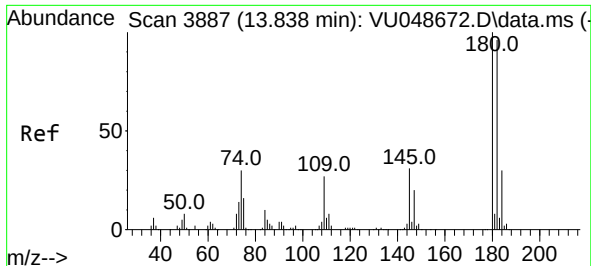
Tgt Ion: 117 Resp: 3397

Ion Ratio Lower Upper

117 100

201 0.0 39.6 119.0#

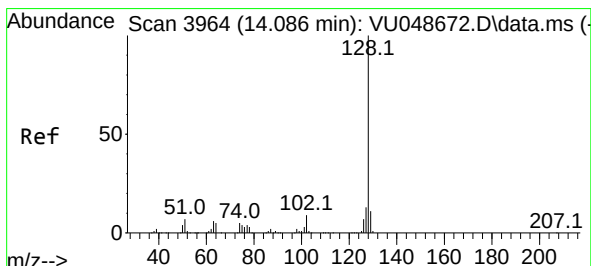
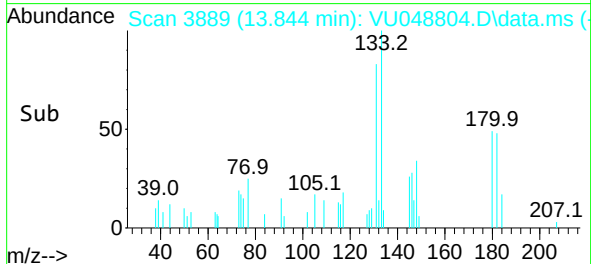
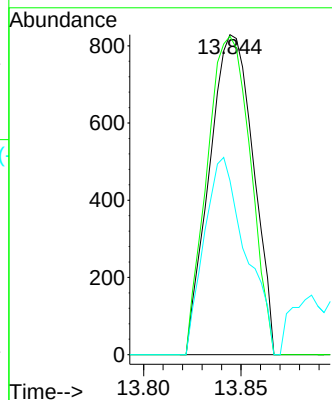
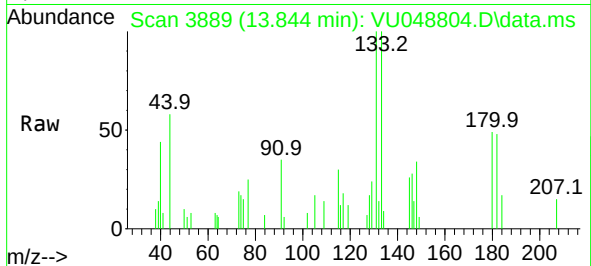




#93
1,2,4-Trichlorobenzene
Concen: 0.204 ug/l
RT: 13.844 min Scan# 3889
Delta R.T. 0.006 min
Lab File: VU048804.D
Acq: 02 Jun 2022 15:25

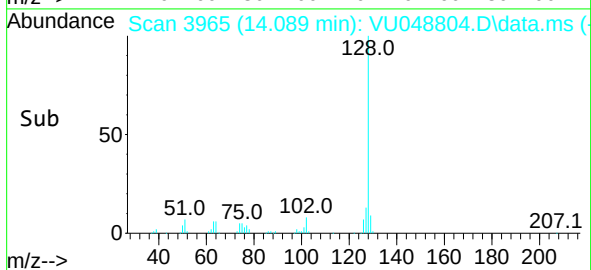
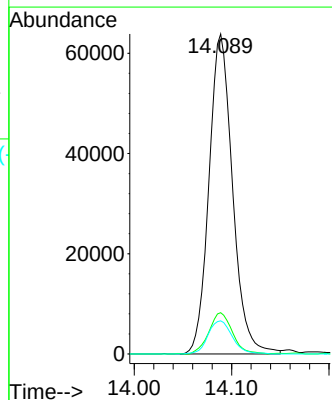
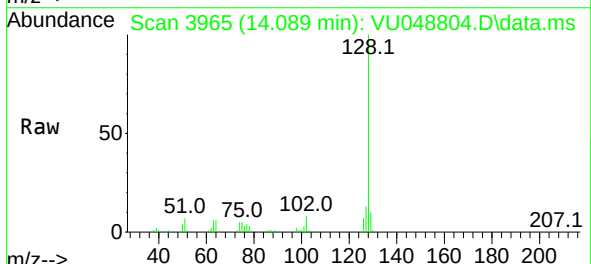
Instrument :
MSVOA_U
ClientSampleId :
MW-06DL

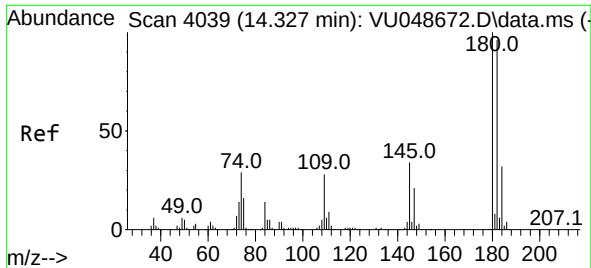
Tgt Ion:180 Resp: 1300
Ion Ratio Lower Upper
180 100
182 98.2 48.3 144.9
145 58.2 15.6 46.7#



#95
Naphthalene
Concen: 7.115 ug/l
RT: 14.089 min Scan# 3965
Delta R.T. 0.003 min
Lab File: VU048804.D
Acq: 02 Jun 2022 15:25

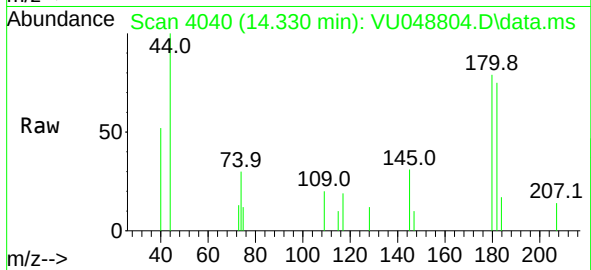
Tgt Ion:128 Resp: 107532
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 10.7 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 0.237 ug/l
 RT: 14.330 min Scan# 4039
 Delta R.T. 0.003 min
 Lab File: VU048804.D
 Acq: 02 Jun 2022 15:25

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-06DL



Tgt Ion:	180	Resp:	1498
Ion	Ratio	Lower	Upper
180	100		
182	96.7	47.4	142.2
145	29.6	16.6	49.8

