

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U060322\
 Data File : U048852.D
 Acq On : 03 Jun 2022 13:07
 Operator : SY/MD
 Sample : N3120-01DL 4X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 40030DL

Quant Time: Jun 04 04:35:45 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	5.372	168	305827	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	511582	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	466921	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	231247	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	218302	47.530	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.060%
35) Dibromofluoromethane	5.288	113	168408	46.142	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.280%
50) Toluene-d8	7.896	98	625105	47.780	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.560%
62) 4-Bromofluorobenzene	10.632	95	224972	45.468	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.940%

Target Compounds				Qvalue		
5) Bromomethane	1.835	94	355	Below Cal		89
6) Chloroethane	1.954	64	286	Below Cal	#	43
10) Methyl Iodide	2.726	142	281	3.059	ug/l #	37
11) Tert butyl alcohol	3.182	59	16217	13.927	ug/l #	33
13) Acrolein	2.481	56	341	Below Cal	#	58
16) Acetone	2.623	43	23275	9.944	ug/l	98
17) Carbon Disulfide	2.790	76	4452	0.490	ug/l	99
18) Methyl Acetate	2.951	43	3795	0.646	ug/l	91
20) Methylene Chloride	3.051	84	1270	0.319	ug/l #	78
25) 2-Butanone	4.706	43	19684	5.854	ug/l	97
29) Tetrahydrofuran	5.057	42	1380	0.652	ug/l #	77
31) Cyclohexane	5.369	56	7316	1.264	ug/l #	1
36) 1,1-Dichloropropene	5.372	75	26382	4.953	ug/l #	49
37) Ethyl Acetate	4.809	43	13798	2.049	ug/l	97
38) Carbon Tetrachloride	5.372	117	31571	5.166	ug/l #	17
40) Benzene	5.774	78	754540	47.980	ug/l	100
42) 1,2-Dichloroethane	5.774	62	7033	1.142	ug/l #	76
49) 1,4-Dioxane	6.976	88	381	3.884	ug/l #	53
51) 4-Methyl-2-Pentanone	7.793	43	9792	1.543	ug/l	95
52) Toluene	7.970	92	711577	75.647	ug/l	99
55) 1,1,2-Trichloroethane	8.269	97	5926	1.427	ug/l #	17
56) Ethyl methacrylate	8.330	69	474	2.682	ug/l #	61
58) 2-Chloroethyl Vinyl ether	7.478	63	44	29.784	ug/l #	47
59) 2-Hexanone	8.687	43	6566	1.260	ug/l	93
64) Tetrachloroethene	8.558	164	1086	Below Cal		97
67) Ethyl Benzene	9.571	91	92493	5.553	ug/l	98
68) m/p-Xylenes	9.690	106	220597	33.863	ug/l	99
69) o-Xylene	10.102	106	140073	21.886	ug/l	100
70) Styrene	10.115	104	107076	10.172	ug/l	87
73) Isopropylbenzene	10.484	105	4617	0.309	ug/l	97
74) N-amyl acetate	10.320	43	2927	2.835	ug/l	92
75) 1,1,1,2,2-Tetrachloroethane	10.783	83	1247	0.205	ug/l	80
76) 1,2,3-Trichloropropane	10.632	75	116087	15.570	ug/l #	48
78) n-propylbenzene	10.906	91	9494	0.534	ug/l	96
79) 2-Chlorotoluene	10.999	91	5775	0.522	ug/l #	56
80) 1,3,5-Trimethylbenzene	11.089	105	23759	1.830	ug/l	97

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

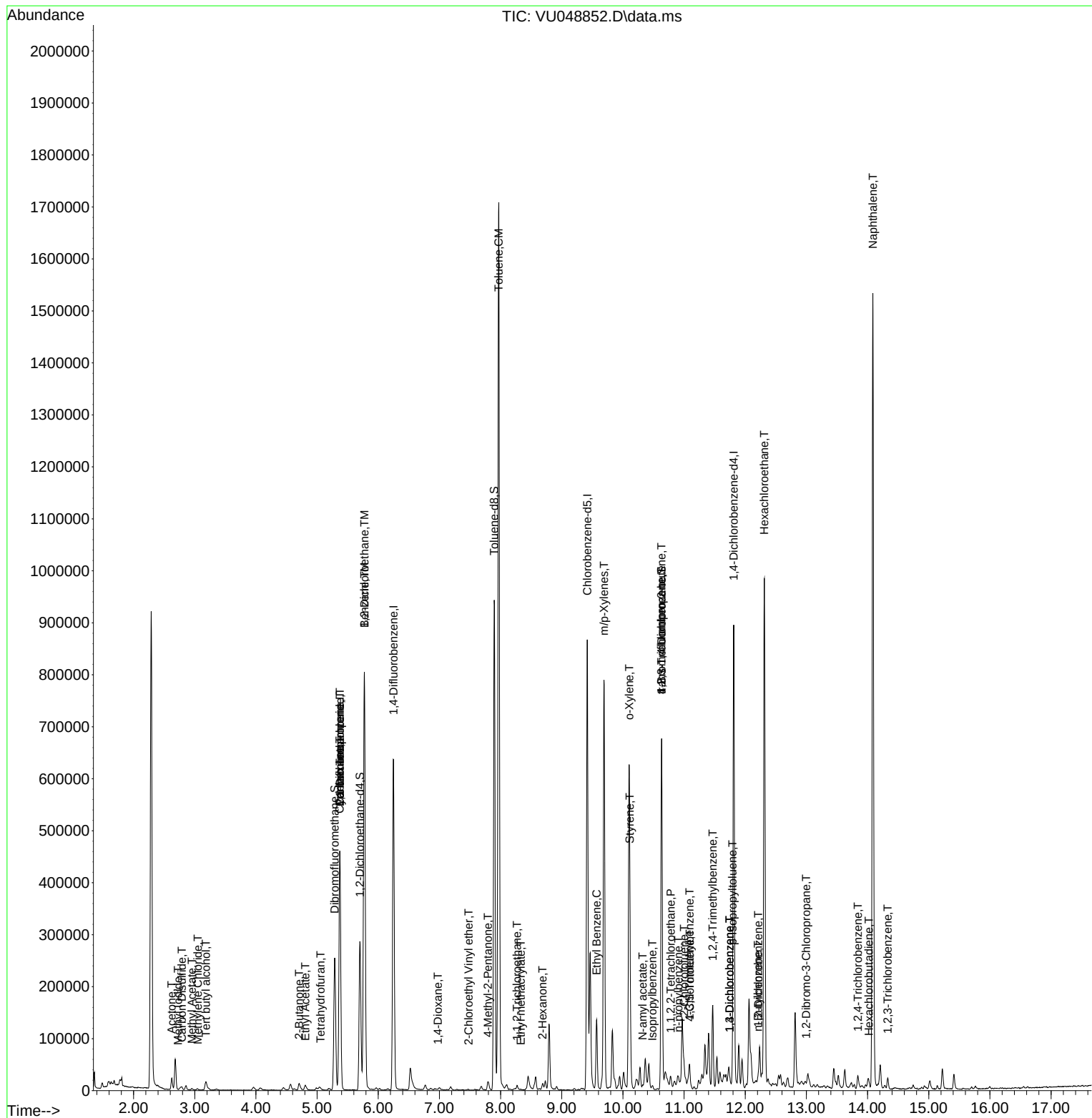
81) trans-1,4-Dichloro-2-b...	10.632	75	116087	56.531	ug/l #	13
82) 4-Chlorotoluene	11.092	91	4439	0.348	ug/l #	72
84) 1,2,4-Trimethylbenzene	11.468	105	84937	7.113	ug/l	97
86) p-Isopropyltoluene	11.793	119	3212	0.240	ug/l #	47
87) 1,3-Dichlorobenzene	11.748	146	1871	0.238	ug/l	96
88) 1,4-Dichlorobenzene	11.748	146	1871	0.230	ug/l	95
89) n-Butylbenzene	12.208	91	8369	2.783	ug/l	94
90) Hexachloroethane	12.311	117	45814	16.769	ug/l #	10
91) 1,2-Dichlorobenzene	12.214	146	2114	0.266	ug/l	86
92) 1,2-Dibromo-3-Chloropr...	12.995	75	779	0.444	ug/l	65
93) 1,2,4-Trichlorobenzene	13.841	180	5346	1.026	ug/l	94
94) Hexachlorobutadiene	14.021	225	1141	0.457	ug/l	90
95) Naphthalene	14.085	128	1167755	63.437	ug/l	100
96) 1,2,3-Trichlorobenzene	14.330	180	6039	1.170	ug/l	96

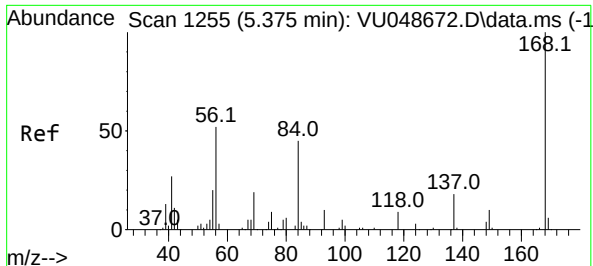
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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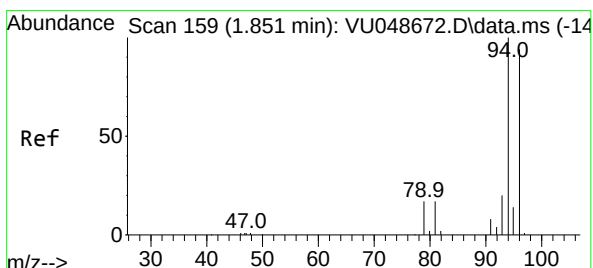
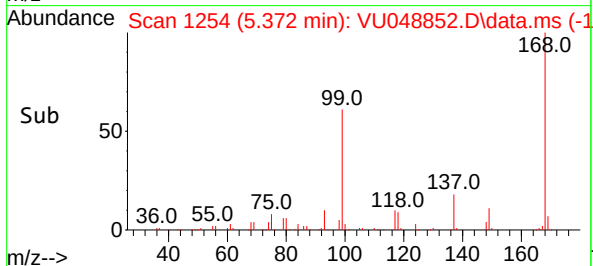
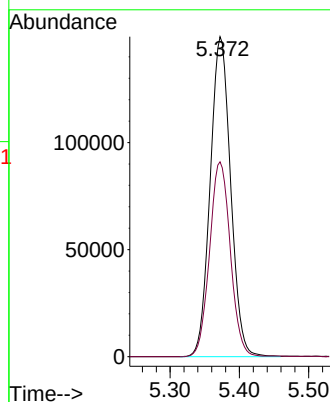
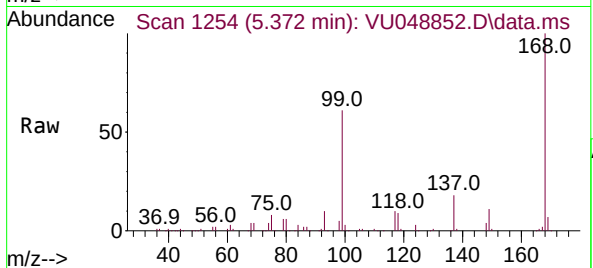




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU048852.D
Acq: 03 Jun 2022 13:07

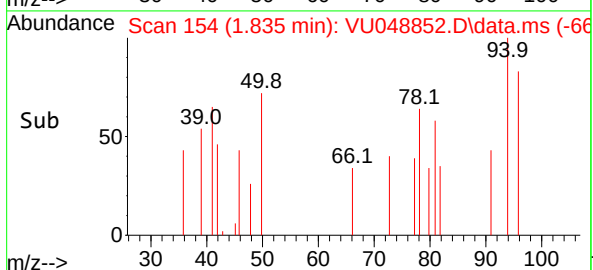
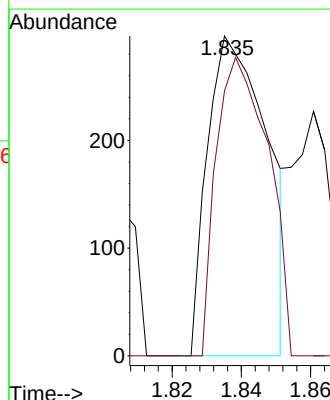
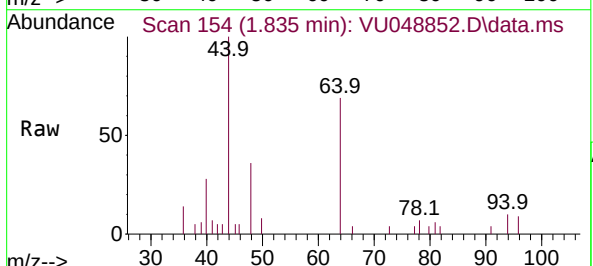
Instrument :
MSVOA_U
ClientSampleId :
40030DL

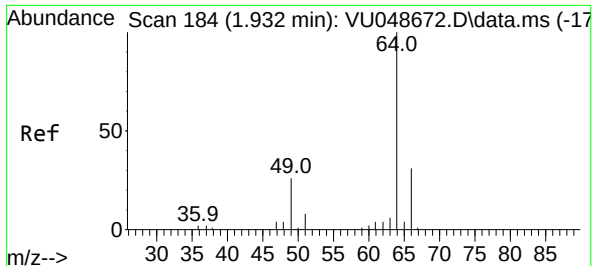
Tgt Ion:168 Resp: 305827
Ion Ratio Lower Upper
168 100
99 60.9 49.3 73.9



#5
Bromomethane
Concen: Below Cal
RT: 1.835 min Scan# 154
Delta R.T. -0.016 min
Lab File: VU048852.D
Acq: 03 Jun 2022 13:07

Tgt Ion: 94 Resp: 355
Ion Ratio Lower Upper
94 100
96 82.8 75.1 112.7

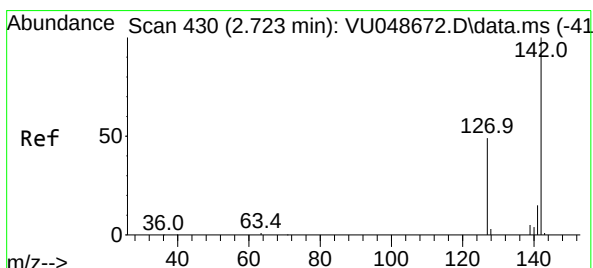
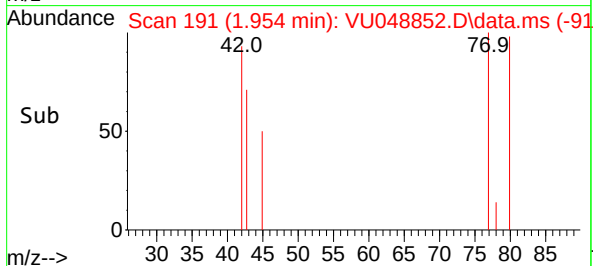
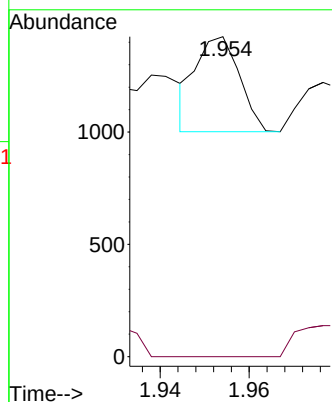
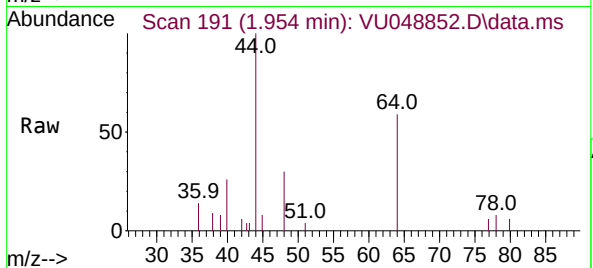




#6
Chloroethane
Concen: Below Cal
RT: 1.954 min Scan# 191
Delta R.T. 0.022 min
Lab File: VU048852.D
Acq: 03 Jun 2022 13:07

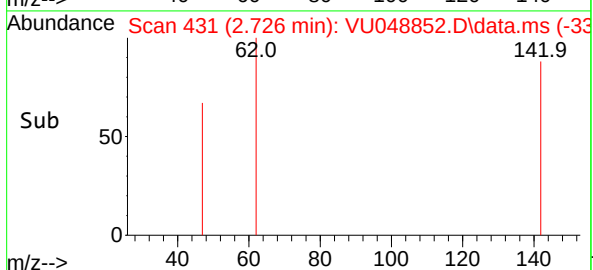
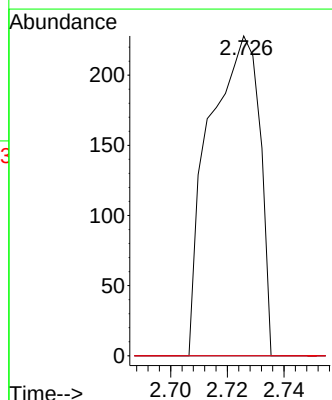
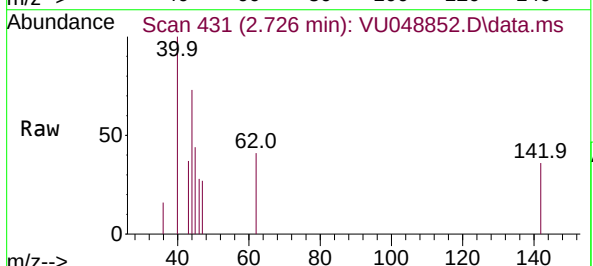
Instrument :
MSVOA_U
ClientSampleId :
40030DL

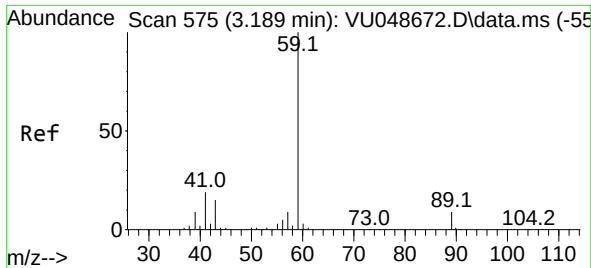
Tgt Ion: 64 Resp: 286
Ion Ratio Lower Upper
64 100
66 0.0 25.2 37.8#



#10
Methyl Iodide
Concen: 3.059 ug/l
RT: 2.726 min Scan# 431
Delta R.T. 0.003 min
Lab File: VU048852.D
Acq: 03 Jun 2022 13:07

Tgt Ion: 142 Resp: 281
Ion Ratio Lower Upper
142 100
127 0.0 38.4 57.6#
141 0.0 11.5 17.3#

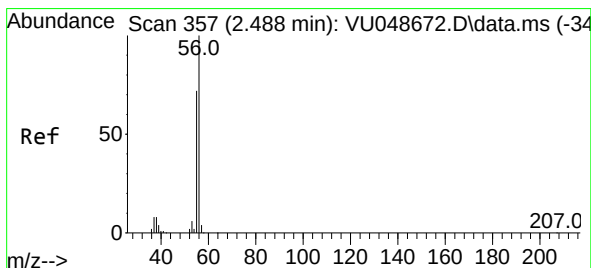
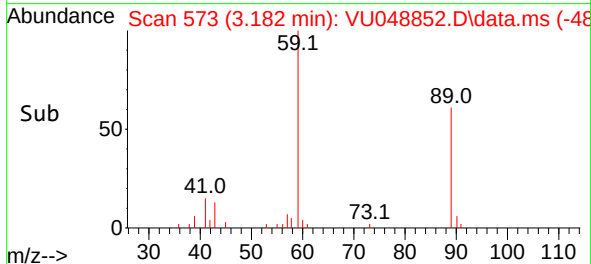
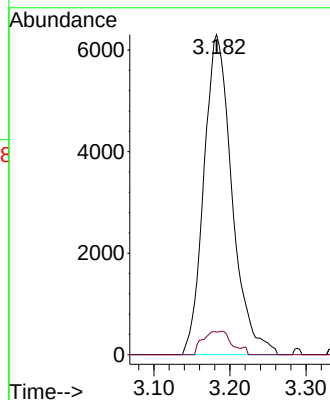
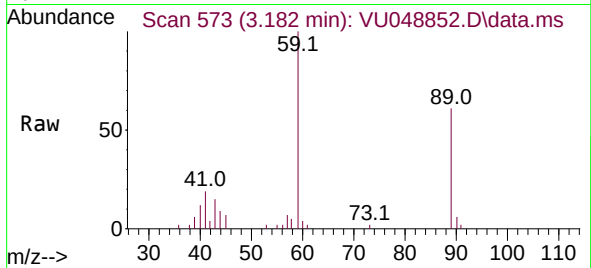




#11
Tert butyl alcohol
Concen: 13.927 ug/l
RT: 3.182 min Scan# 51
Delta R.T. -0.007 min
Lab File: VU048852.D
Acq: 03 Jun 2022 13:07

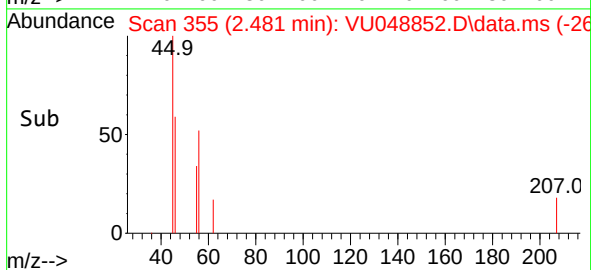
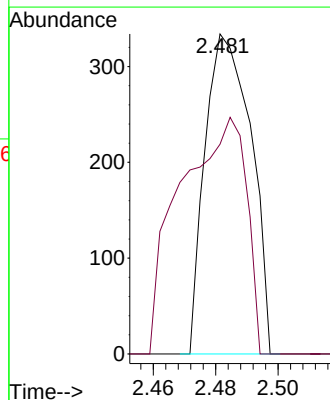
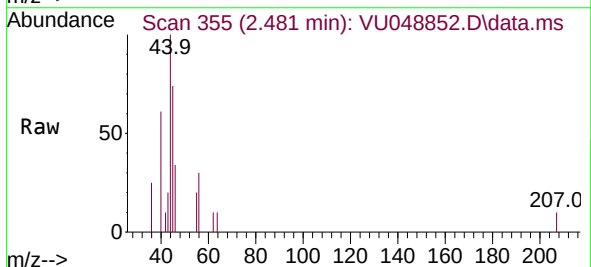
Instrument :
MSVOA_U
ClientSampleId :
40030DL

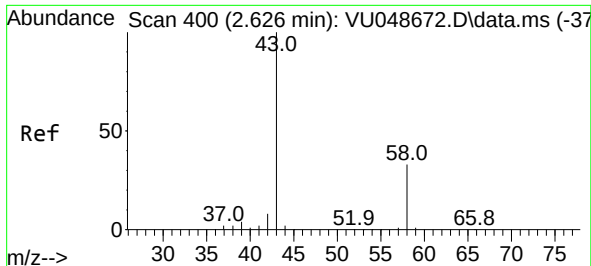
Tgt Ion: 59 Resp: 16217
Ion Ratio Lower Upper
59 100
57 3.8 39.7 59.5#



#13
Acrolein
Concen: Below Cal
RT: 2.481 min Scan# 355
Delta R.T. -0.007 min
Lab File: VU048852.D
Acq: 03 Jun 2022 13:07

Tgt Ion: 56 Resp: 341
Ion Ratio Lower Upper
56 100
55 107.0 57.7 86.5#





#16

Acetone

Concen: 9.944 ug/l

RT: 2.623 min Scan# 399

Delta R.T. -0.003 min

Lab File: VU048852.D

Acq: 03 Jun 2022 13:07

Instrument :

MSVOA_U

ClientSampleId :

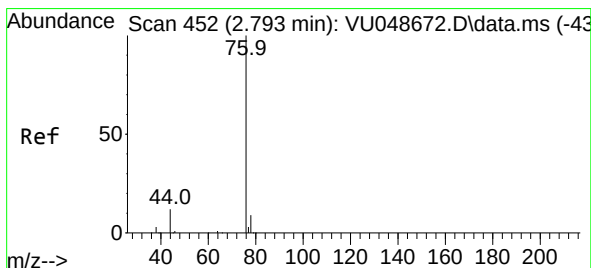
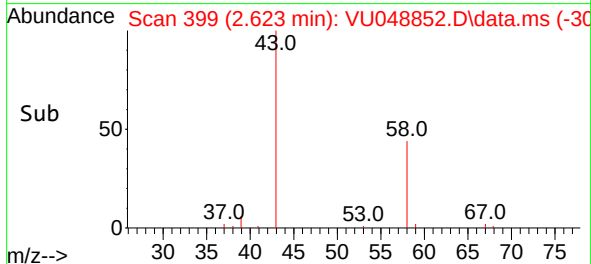
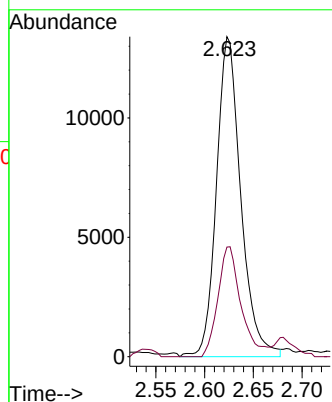
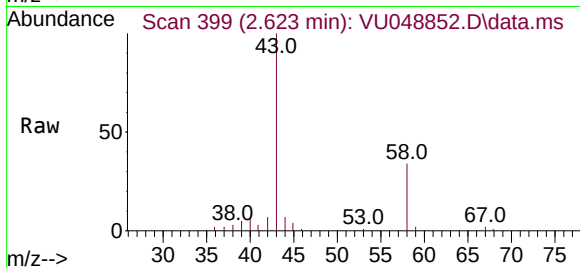
40030DL

Tgt Ion: 43 Resp: 23275

Ion Ratio Lower Upper

43 100

58 34.3 26.3 39.5



#17

Carbon Disulfide

Concen: 0.490 ug/l

RT: 2.790 min Scan# 451

Delta R.T. -0.003 min

Lab File: VU048852.D

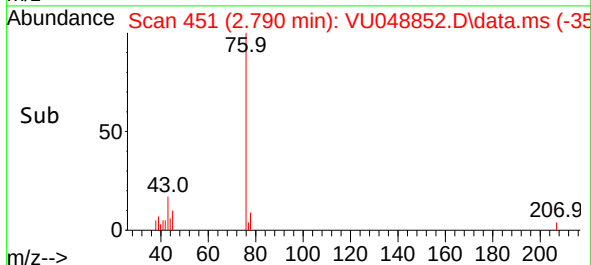
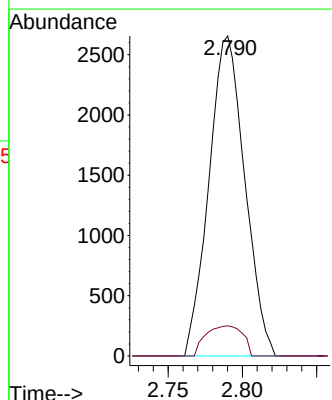
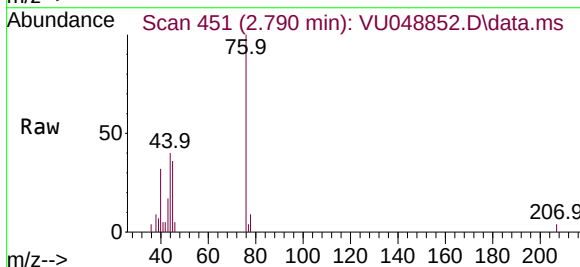
Acq: 03 Jun 2022 13:07

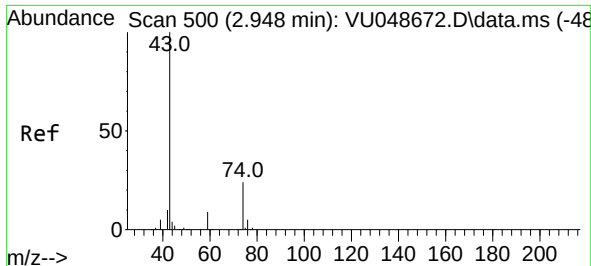
Tgt Ion: 76 Resp: 4452

Ion Ratio Lower Upper

76 100

78 9.4 7.3 10.9

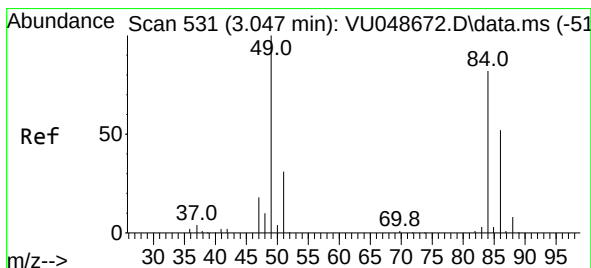
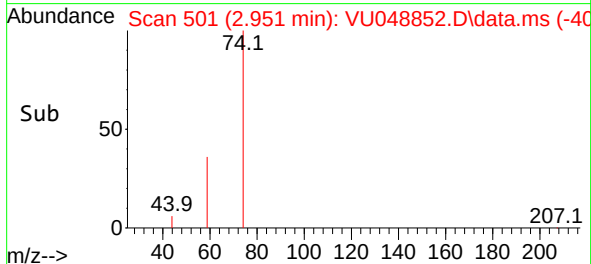
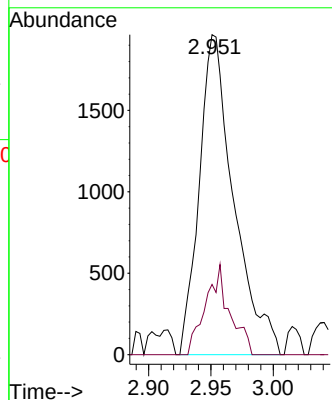
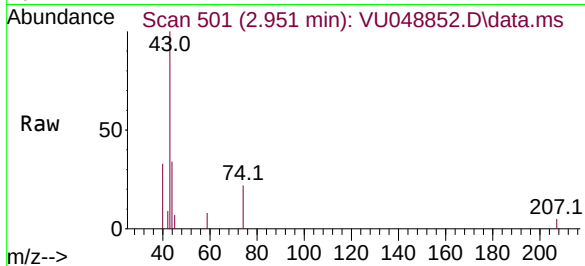




#18
Methyl Acetate
Concen: 0.646 ug/l
RT: 2.951 min Scan# 501
Delta R.T. 0.003 min
Lab File: VU048852.D
Acq: 03 Jun 2022 13:07

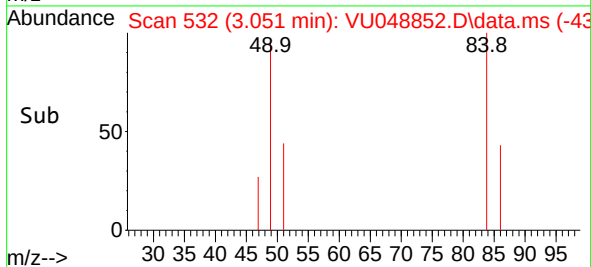
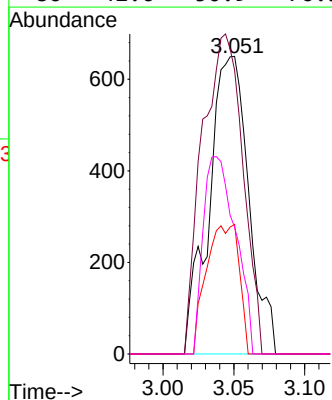
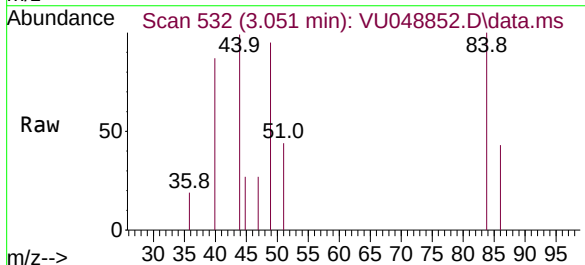
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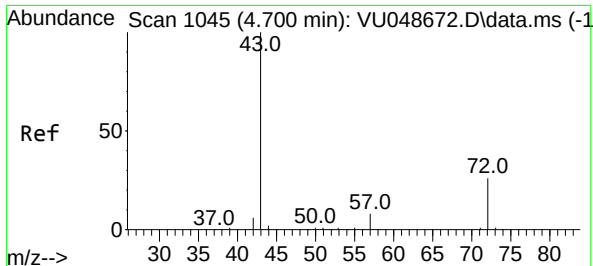
Tgt Ion: 43 Resp: 3795
Ion Ratio Lower Upper
43 100
74 19.7 19.2 28.8



#20
Methylene Chloride
Concen: 0.319 ug/l
RT: 3.051 min Scan# 532
Delta R.T. 0.003 min
Lab File: VU048852.D
Acq: 03 Jun 2022 13:07

Tgt Ion: 84 Resp: 1270
Ion Ratio Lower Upper
84 100
49 95.4 97.0 145.4#
51 43.5 29.8 44.8
86 42.6 50.9 76.3#





#25

2-Butanone

Concen: 5.854 ug/l

RT: 4.706 min Scan# 1047

Delta R.T. 0.006 min

Lab File: VU048852.D

Acq: 03 Jun 2022 13:07

Instrument :

MSVOA_U

ClientSampleId :

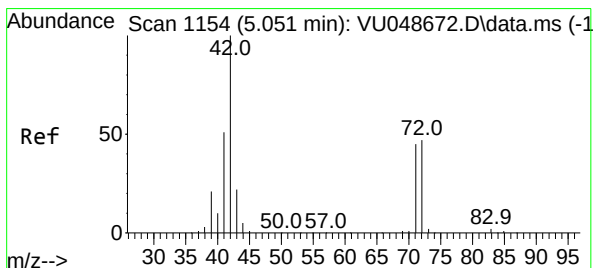
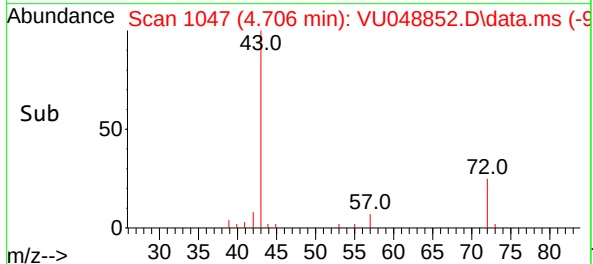
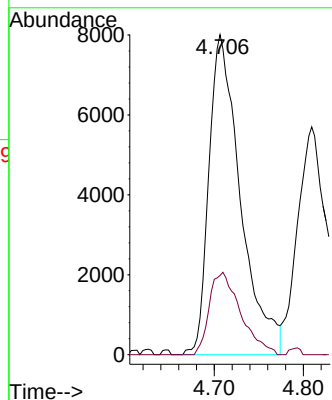
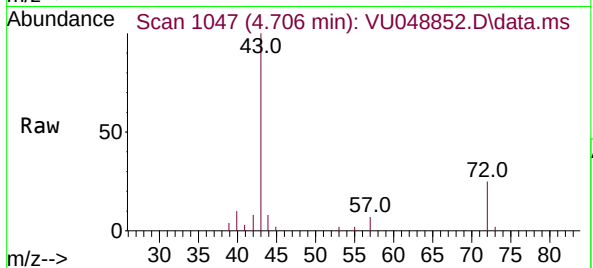
40030DL

Tgt Ion: 43 Resp: 19684

Ion Ratio Lower Upper

43 100

72 24.8 21.1 31.7



#29

Tetrahydrofuran

Concen: 0.652 ug/l

RT: 5.057 min Scan# 1156

Delta R.T. 0.006 min

Lab File: VU048852.D

Acq: 03 Jun 2022 13:07

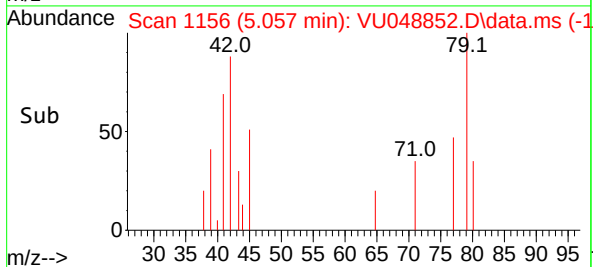
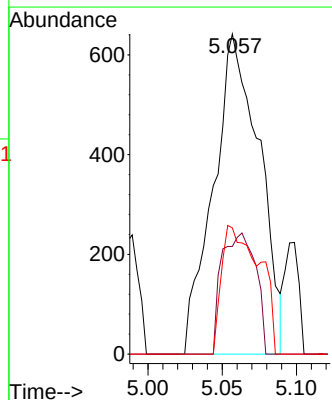
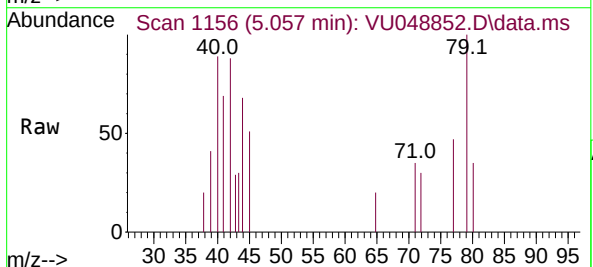
Tgt Ion: 42 Resp: 1380

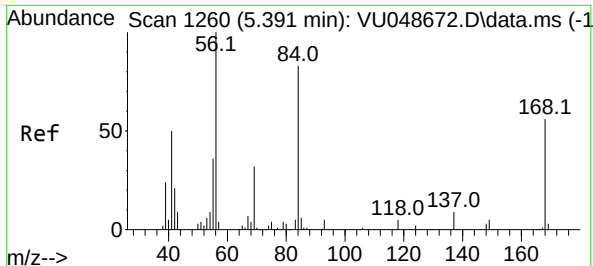
Ion Ratio Lower Upper

42 100

72 28.0 37.6 56.4#

71 32.8 35.0 52.4#

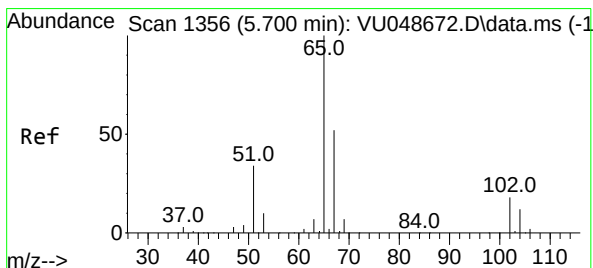
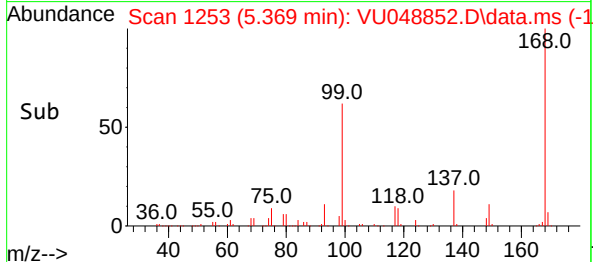
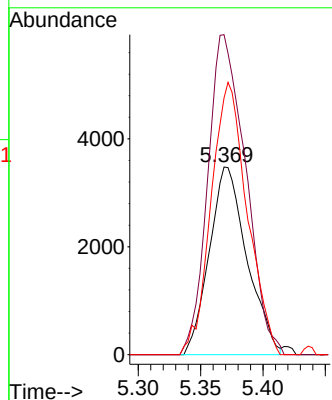
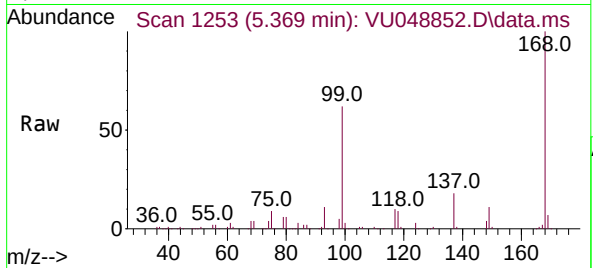




#31
Cyclohexane
Concen: 1.264 ug/l
RT: 5.369 min Scan# 1253
Delta R.T. -0.023 min
Lab File: VU048852.D
Acq: 03 Jun 2022 13:07

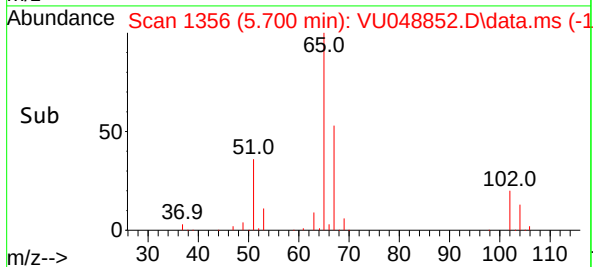
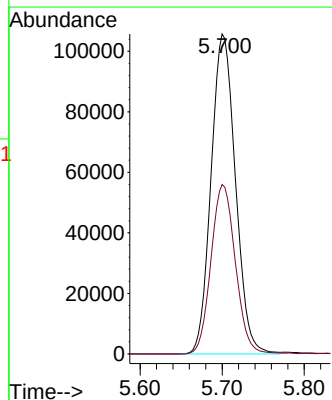
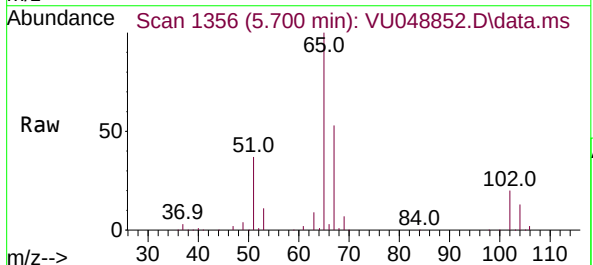
Instrument :
MSVOA_U
ClientSampleId :
40030DL

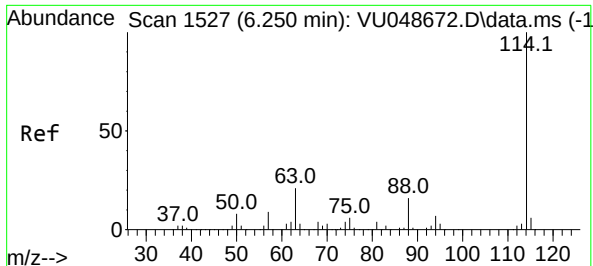
Tgt Ion: 56 Resp: 7316
Ion Ratio Lower Upper
56 100
69 170.4 25.6 38.4#
84 136.8 66.2 99.4#



#33
1,2-Dichloroethane-d4
Concen: 47.530 ug/l
RT: 5.700 min Scan# 1356
Delta R.T. -0.000 min
Lab File: VU048852.D
Acq: 03 Jun 2022 13:07

Tgt Ion: 65 Resp: 218302
Ion Ratio Lower Upper
65 100
67 52.9 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.250 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU048852.D

Acq: 03 Jun 2022 13:07

Instrument :

MSVOA_U

ClientSampleId :

40030DL

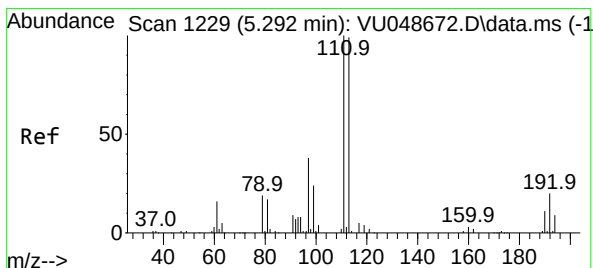
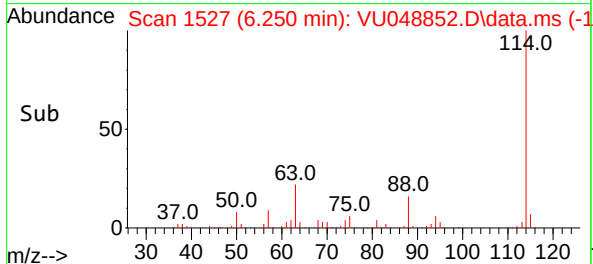
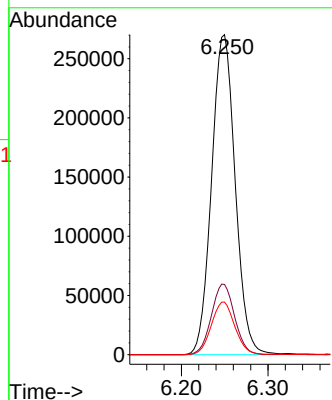
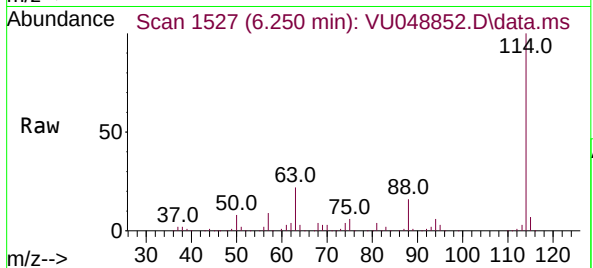
Tgt Ion:114 Resp: 511582

Ion Ratio Lower Upper

114 100

63 21.9 0.0 42.6

88 16.5 0.0 32.2



#35

Dibromofluoromethane

Concen: 46.142 ug/l

RT: 5.288 min Scan# 1228

Delta R.T. -0.003 min

Lab File: VU048852.D

Acq: 03 Jun 2022 13:07

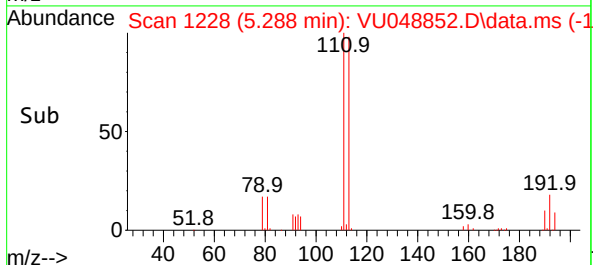
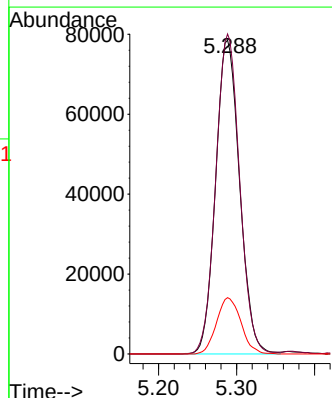
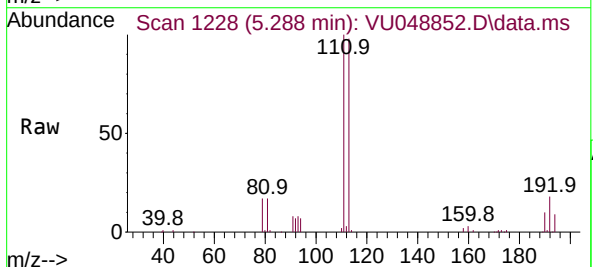
Tgt Ion:113 Resp: 168408

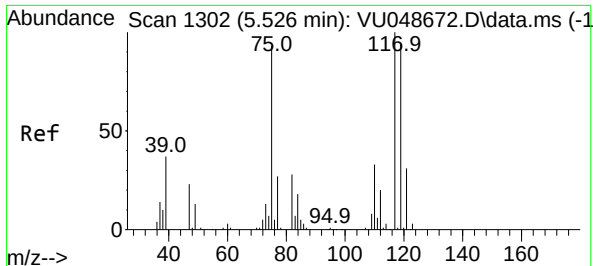
Ion Ratio Lower Upper

113 100

111 101.3 80.7 121.1

192 18.2 15.9 23.9





#36

1,1-Dichloropropene

Concen: 4.953 ug/l

RT: 5.372 min Scan# 11

Delta R.T. -0.154 min

Lab File: VU048852.D

Acq: 03 Jun 2022 13:07

Instrument :

MSVOA_U

ClientSampleId :

40030DL

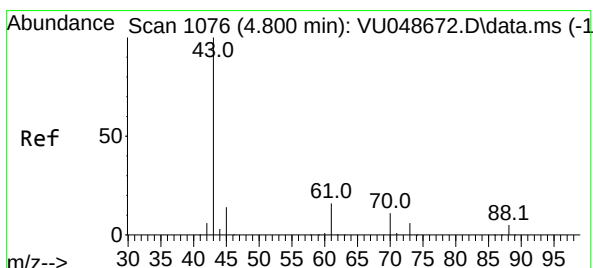
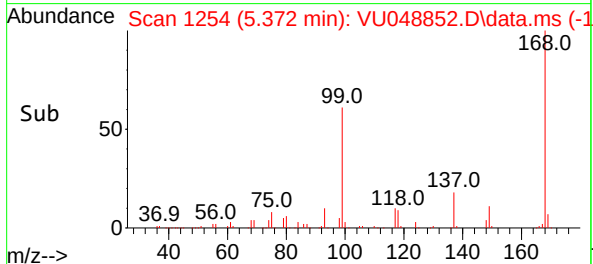
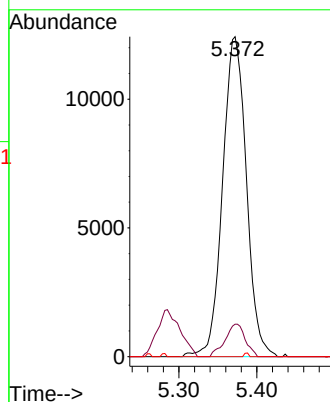
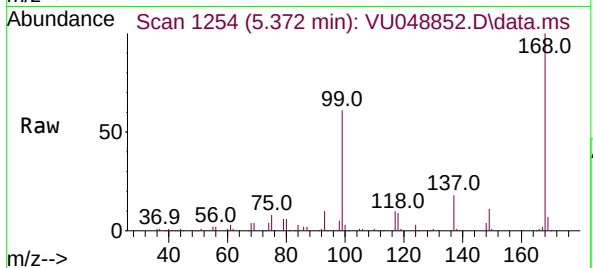
Tgt Ion: 75 Resp: 26382

Ion Ratio Lower Upper

75 100

110 8.6 17.4 52.3#

77 0.0 24.8 37.2#



#37

Ethyl Acetate

Concen: 2.049 ug/l

RT: 4.809 min Scan# 1079

Delta R.T. 0.010 min

Lab File: VU048852.D

Acq: 03 Jun 2022 13:07

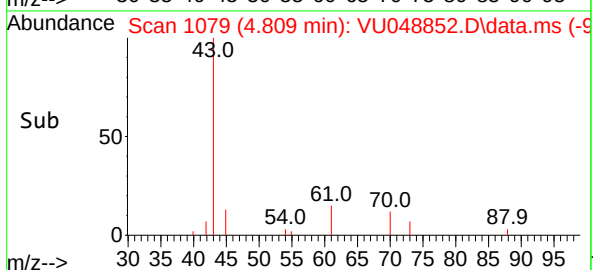
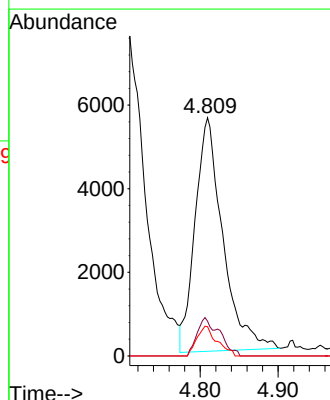
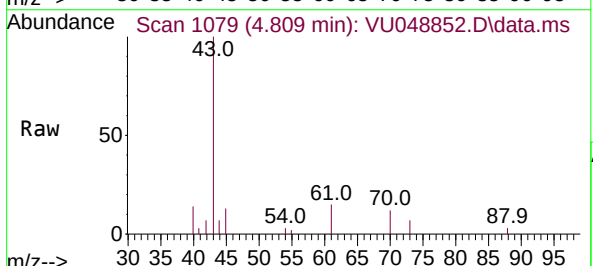
Tgt Ion: 43 Resp: 13798

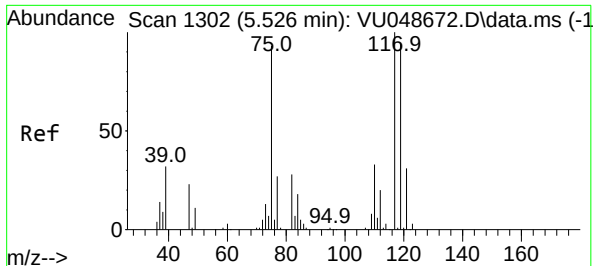
Ion Ratio Lower Upper

43 100

61 13.2 11.7 17.5

70 9.2 8.4 12.6

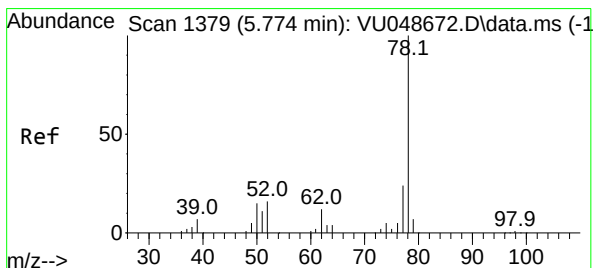
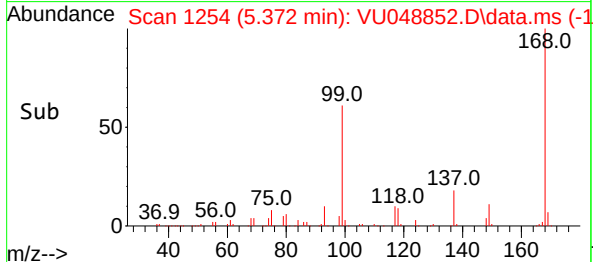
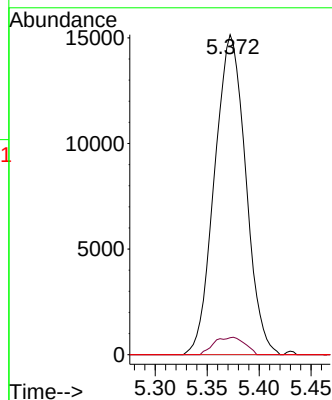
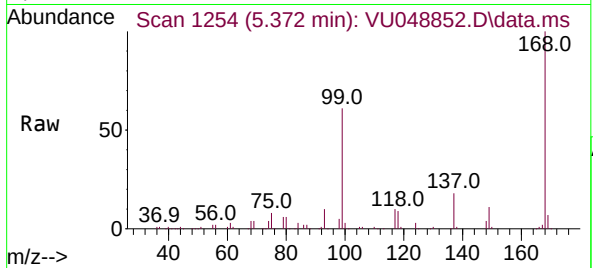




#38
Carbon Tetrachloride
Concen: 5.166 ug/l
RT: 5.372 min Scan# 117
Delta R.T. -0.154 min
Lab File: VU048852.D
Acq: 03 Jun 2022 13:07

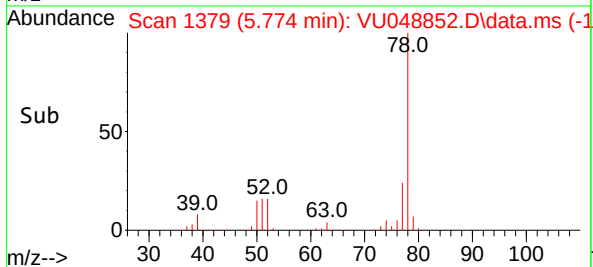
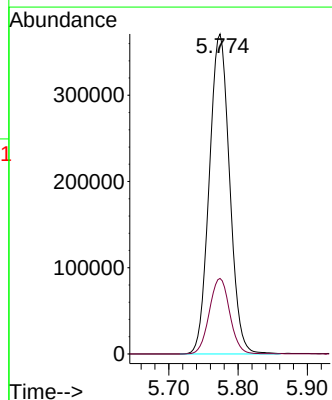
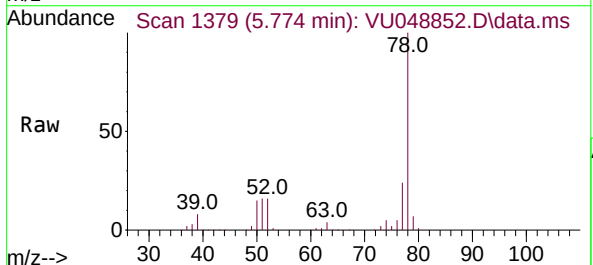
Instrument :
MSVOA_U
ClientSampleId :
40030DL

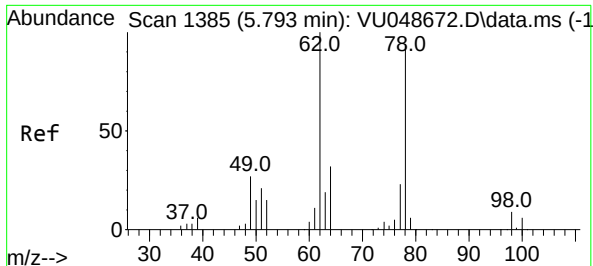
Tgt Ion:117 Resp: 31571
Ion Ratio Lower Upper
117 100
119 5.3 75.4 113.2#
121 0.0 24.6 36.8#



#40
Benzene
Concen: 47.980 ug/l
RT: 5.774 min Scan# 1379
Delta R.T. -0.000 min
Lab File: VU048852.D
Acq: 03 Jun 2022 13:07

Tgt Ion: 78 Resp: 754540
Ion Ratio Lower Upper
78 100
77 23.6 19.0 28.6





#42

1,2-Dichloroethane

Concen: 1.142 ug/l

RT: 5.774 min Scan# 1

Delta R.T. -0.019 min

Lab File: VU048852.D

Acq: 03 Jun 2022 13:07

Instrument :

MSVOA_U

ClientSampleId :

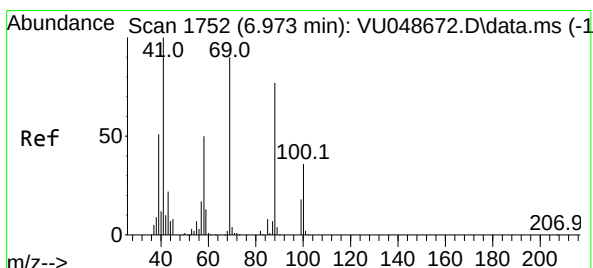
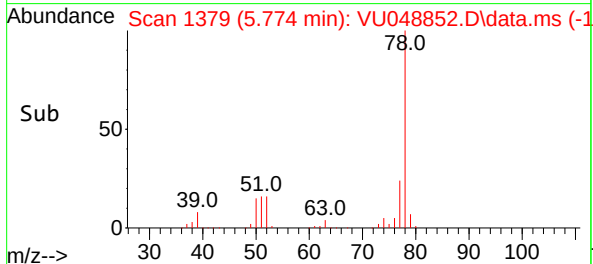
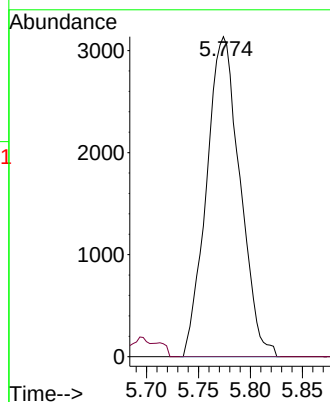
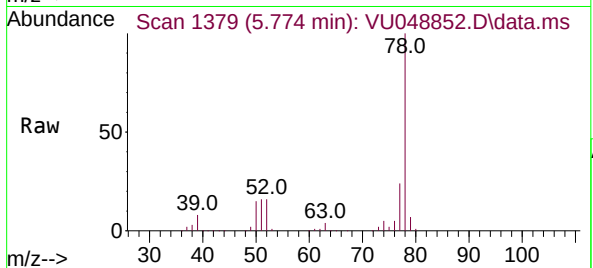
40030DL

Tgt Ion: 62 Resp: 7033

Ion Ratio Lower Upper

62 100

98 0.0 0.0 17.0



#49

1,4-Dioxane

Concen: 3.884 ug/l

RT: 6.976 min Scan# 1753

Delta R.T. 0.003 min

Lab File: VU048852.D

Acq: 03 Jun 2022 13:07

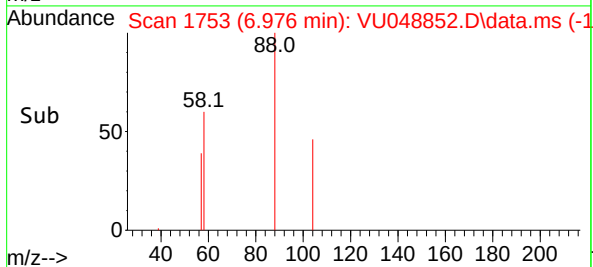
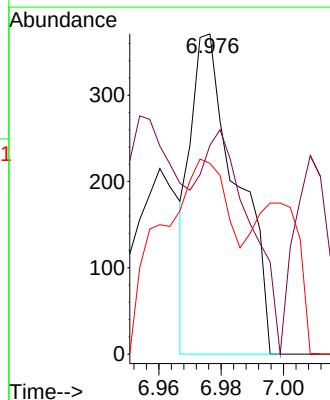
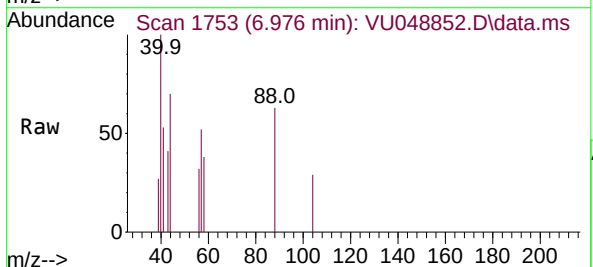
Tgt Ion: 88 Resp: 381

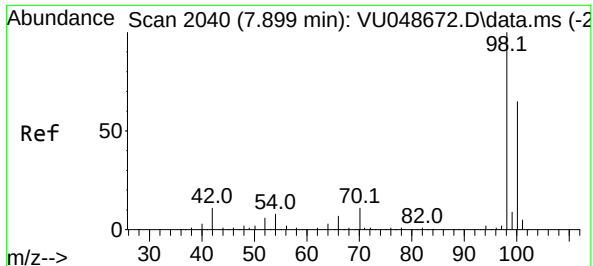
Ion Ratio Lower Upper

88 100

43 76.1 24.6 36.8#

58 93.2 54.7 82.1#

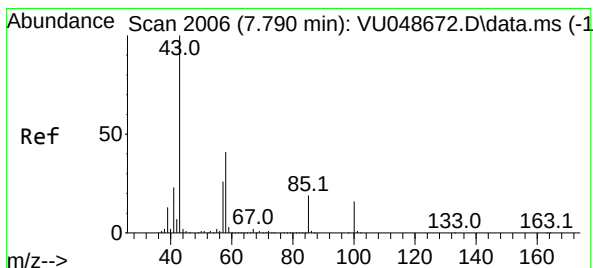
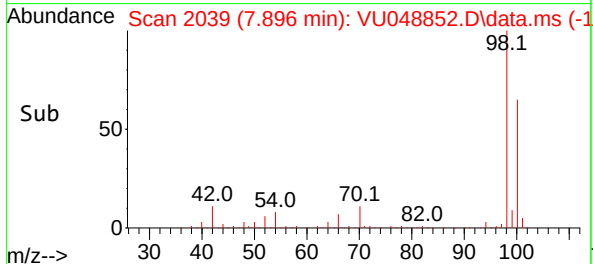
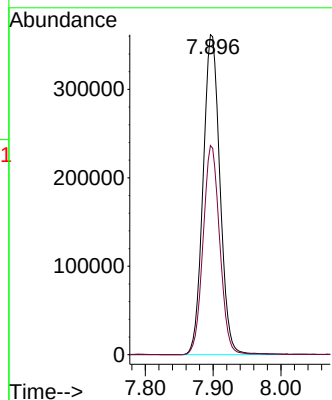
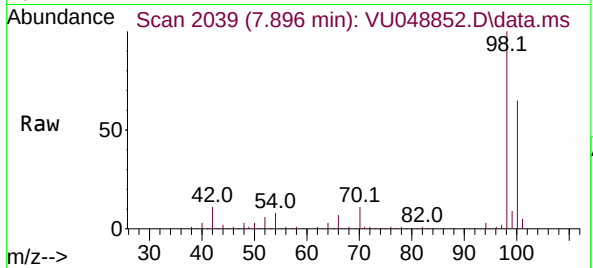




#50
Toluene-d8
Concen: 47.780 ug/l
RT: 7.896 min Scan# 2040
Delta R.T. -0.003 min
Lab File: VU048852.D
Acq: 03 Jun 2022 13:07

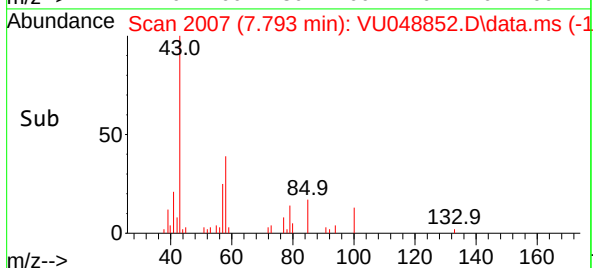
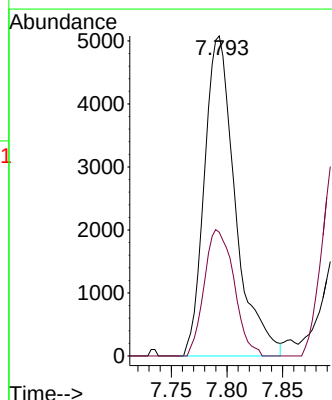
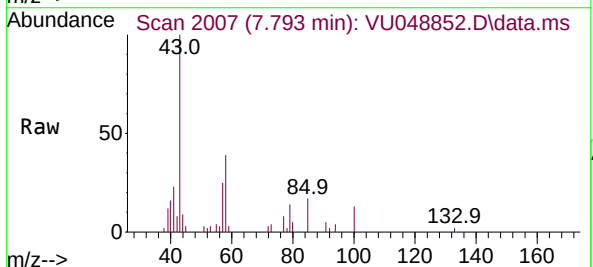
Instrument :
MSVOA_U
ClientSampleId :
40030DL

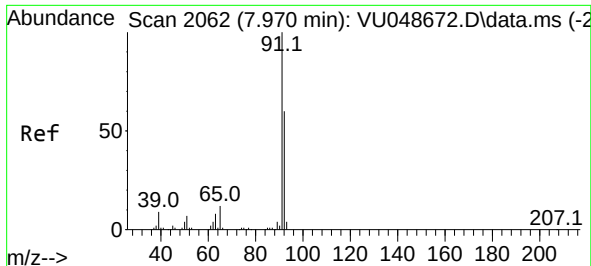
Tgt Ion: 98 Resp: 625105
Ion Ratio Lower Upper
98 100
100 64.4 52.2 78.4



#51
4-Methyl-2-Pentanone
Concen: 1.543 ug/l
RT: 7.793 min Scan# 2007
Delta R.T. 0.003 min
Lab File: VU048852.D
Acq: 03 Jun 2022 13:07

Tgt Ion: 43 Resp: 9792
Ion Ratio Lower Upper
43 100
58 38.0 32.7 49.1

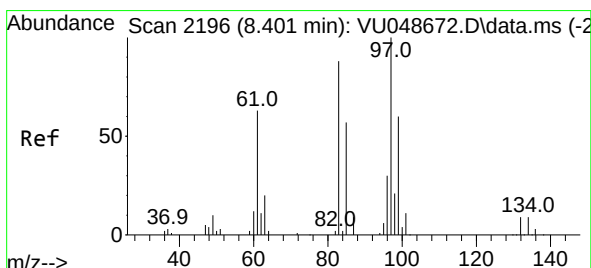
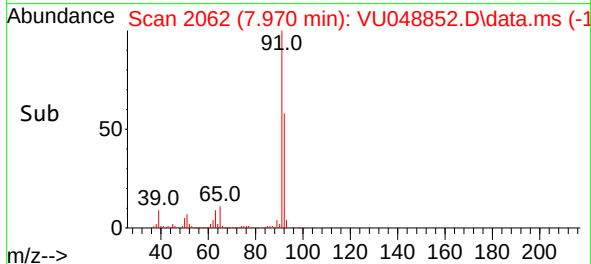
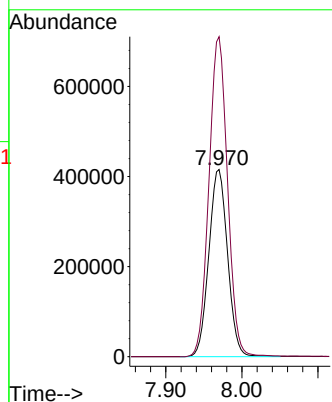
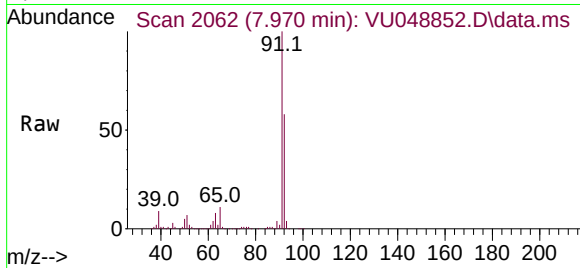




#52
Toluene
Concen: 75.647 ug/l
RT: 7.970 min Scan# 2062
Delta R.T. -0.000 min
Lab File: VU048852.D
Acq: 03 Jun 2022 13:07

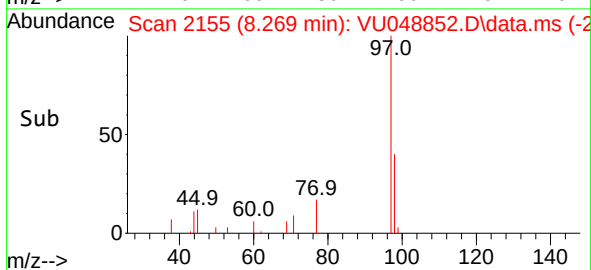
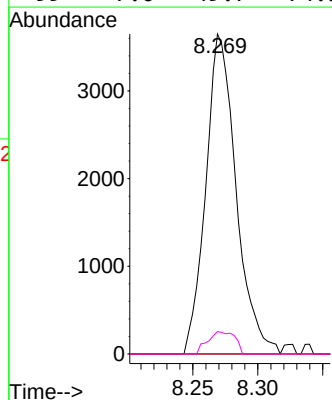
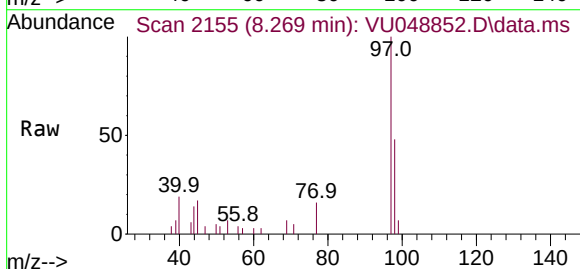
Instrument :
MSVOA_U
ClientSampleId :
40030DL

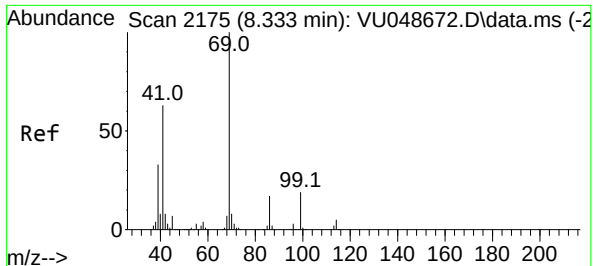
Tgt Ion: 92 Resp: 711577
Ion Ratio Lower Upper
92 100
91 169.5 135.0 202.4



#55
1,1,2-Trichloroethane
Concen: 1.427 ug/l
RT: 8.269 min Scan# 2155
Delta R.T. -0.132 min
Lab File: VU048852.D
Acq: 03 Jun 2022 13:07

Tgt Ion: 97 Resp: 5926
Ion Ratio Lower Upper
97 100
83 0.0 70.2 105.4#
85 0.0 45.6 68.4#
99 7.0 49.7 74.5#





#56

Ethyl methacrylate

Concen: 2.682 ug/l

RT: 8.330 min Scan# 2175

Delta R.T. -0.003 min

Lab File: VU048852.D

Acq: 03 Jun 2022 13:07

Instrument :

MSVOA_U

ClientSampleId :

40030DL

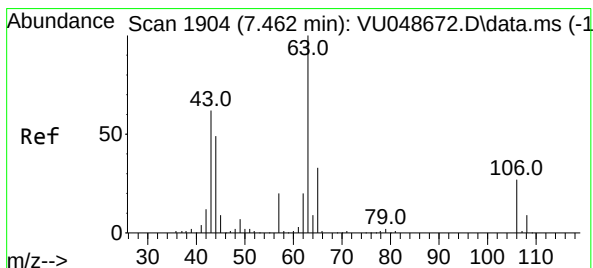
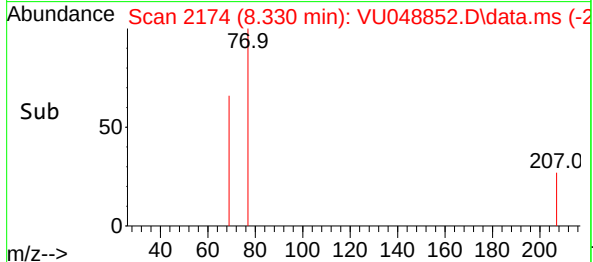
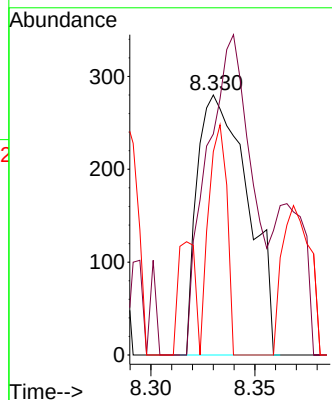
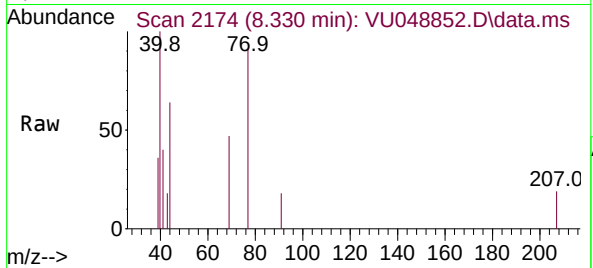
Tgt Ion: 69 Resp: 474

Ion Ratio Lower Upper

69 100

41 108.9 50.6 76.0#

39 31.9 26.6 40.0



#58

2-Chloroethyl Vinyl ether

Concen: 29.784 ug/l

RT: 7.478 min Scan# 1909

Delta R.T. 0.016 min

Lab File: VU048852.D

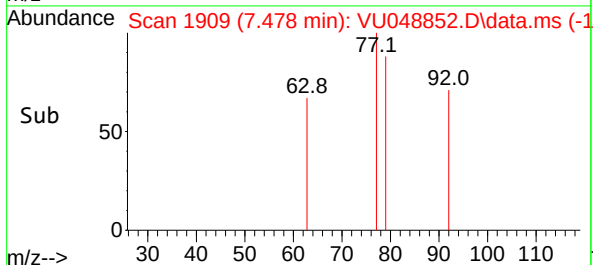
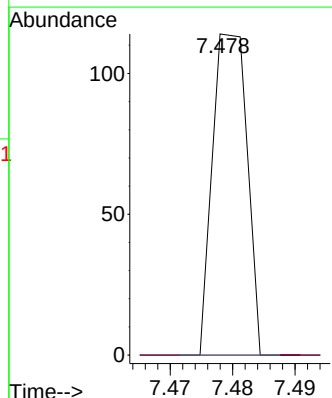
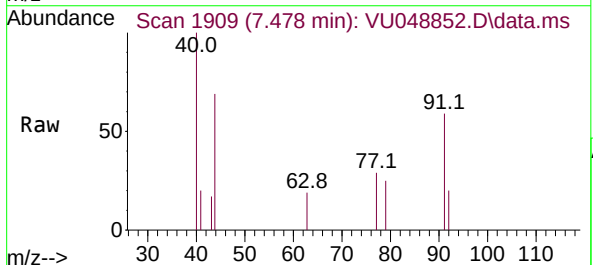
Acq: 03 Jun 2022 13:07

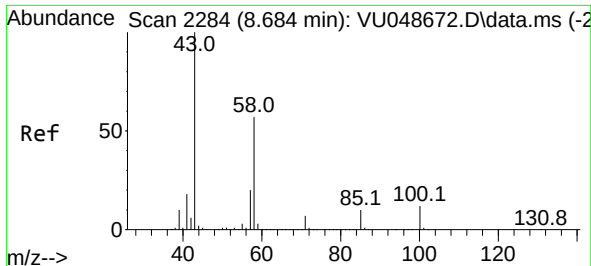
Tgt Ion: 63 Resp: 44

Ion Ratio Lower Upper

63 100

106 0.0 22.2 33.2#





#59

2-Hexanone

Concen: 1.260 ug/l

RT: 8.687 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU048852.D

Acq: 03 Jun 2022 13:07

Instrument :

MSVOA_U

ClientSampleId :

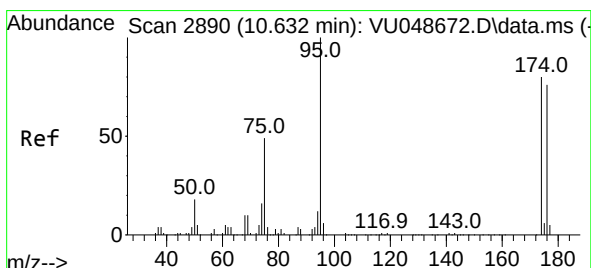
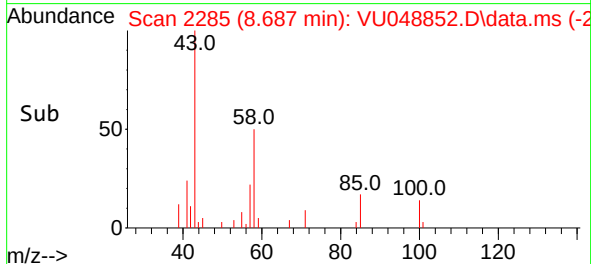
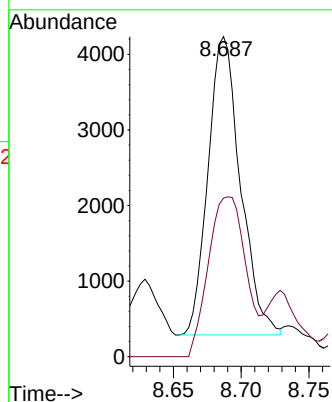
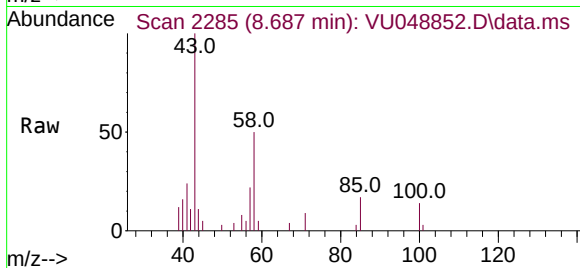
40030DL

Tgt Ion: 43 Resp: 6566

Ion Ratio Lower Upper

43 100

58 61.3 28.2 84.6



#62

4-Bromofluorobenzene

Concen: 45.468 ug/l

RT: 10.632 min Scan# 2890

Delta R.T. -0.000 min

Lab File: VU048852.D

Acq: 03 Jun 2022 13:07

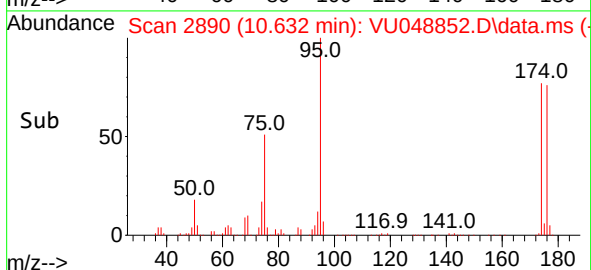
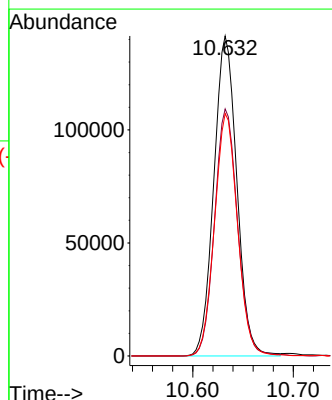
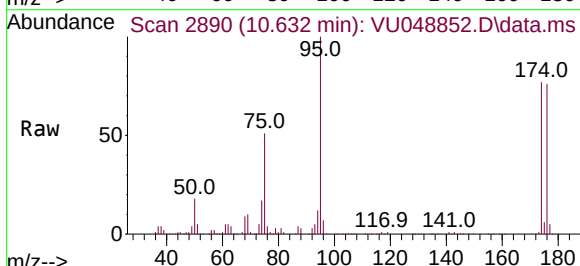
Tgt Ion: 95 Resp: 224972

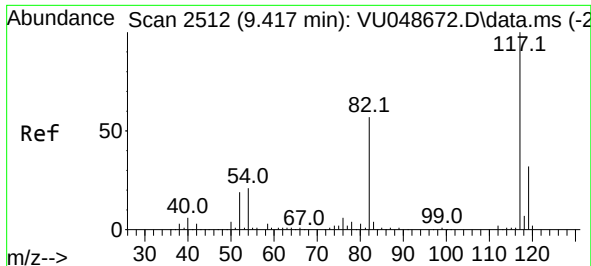
Ion Ratio Lower Upper

95 100

174 77.3 0.0 159.4

176 75.8 0.0 152.4

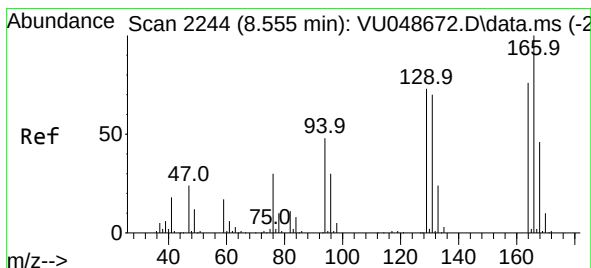
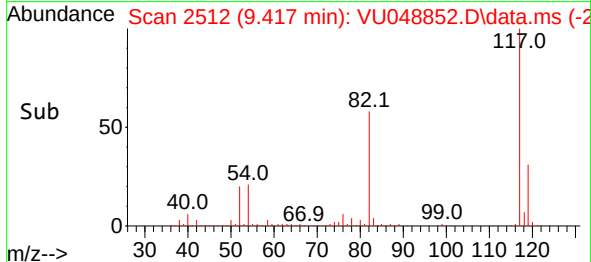
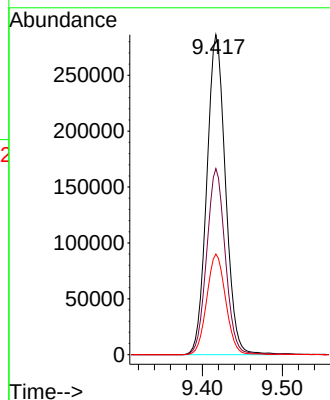
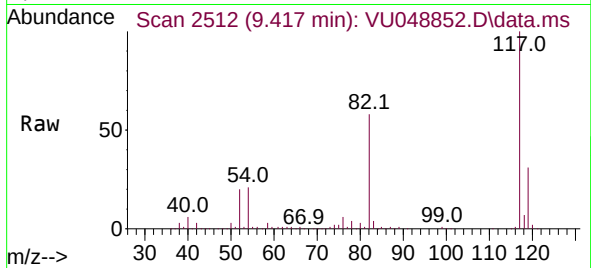




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU048852.D
Acq: 03 Jun 2022 13:07

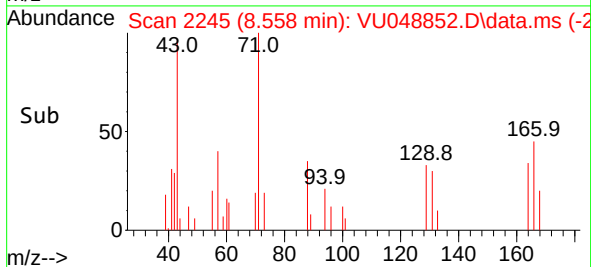
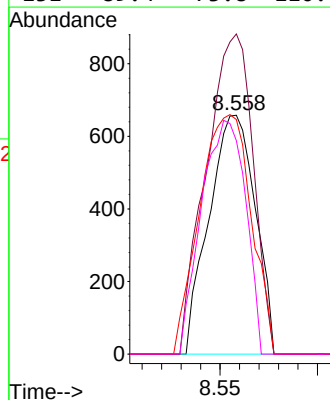
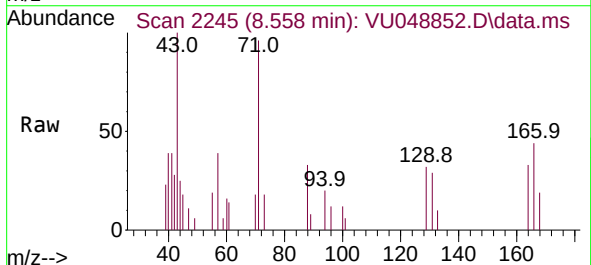
Instrument :
MSVOA_U
ClientSampleId :
40030DL

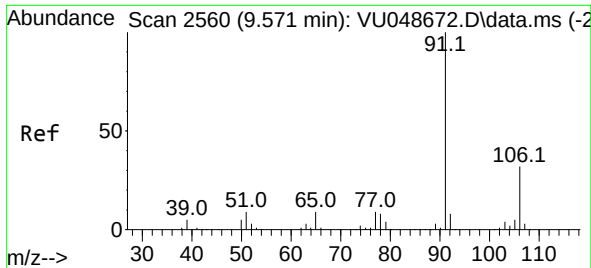
Tgt Ion:117 Resp: 466921
Ion Ratio Lower Upper
117 100
82 58.2 45.3 67.9
119 31.4 25.4 38.2



#64
Tetrachloroethene
Concen: Below Cal
RT: 8.558 min Scan# 2245
Delta R.T. 0.003 min
Lab File: VU048852.D
Acq: 03 Jun 2022 13:07

Tgt Ion:164 Resp: 1086
Ion Ratio Lower Upper
164 100
166 134.0 105.0 157.4
129 98.2 76.5 114.7
131 89.4 73.8 110.6

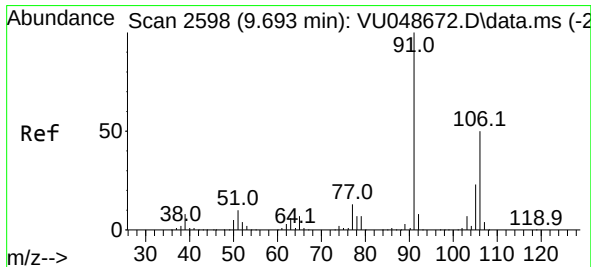
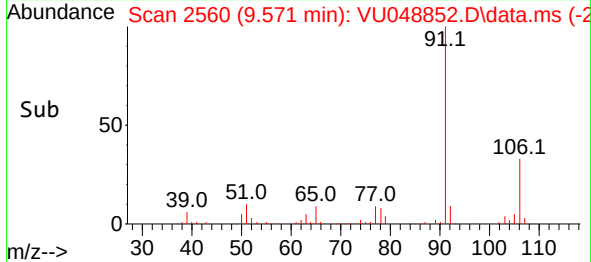
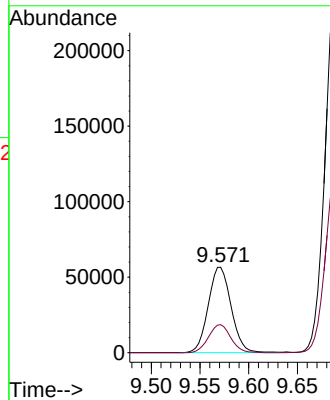
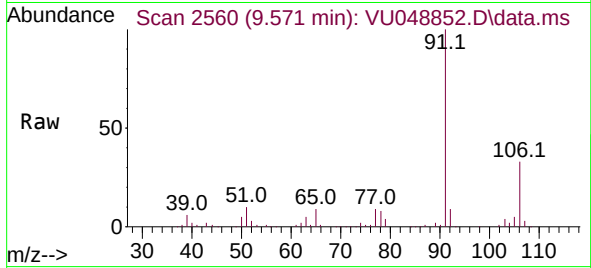




#67
Ethyl Benzene
Concen: 5.553 ug/l
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU048852.D
Acq: 03 Jun 2022 13:07

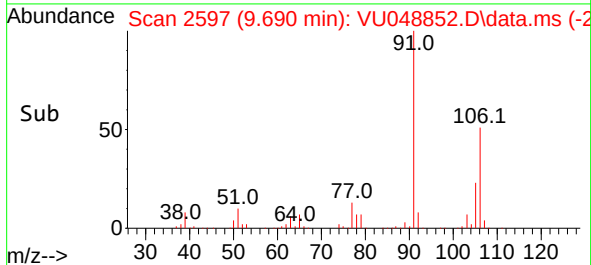
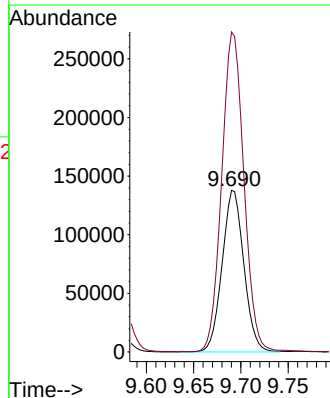
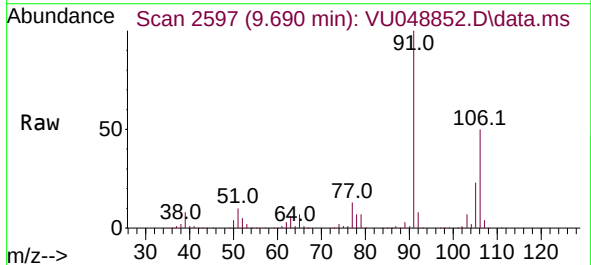
Instrument :
MSVOA_U
ClientSampleId :
40030DL

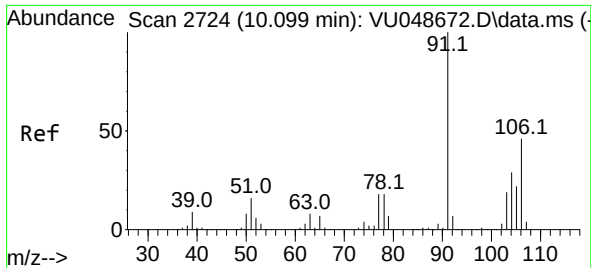
Tgt Ion: 91 Resp: 92493
Ion Ratio Lower Upper
91 100
106 32.8 25.4 38.2



#68
m/p-Xylenes
Concen: 33.863 ug/l
RT: 9.690 min Scan# 2597
Delta R.T. -0.003 min
Lab File: VU048852.D
Acq: 03 Jun 2022 13:07

Tgt Ion: 106 Resp: 220597
Ion Ratio Lower Upper
106 100
91 202.0 162.4 243.6

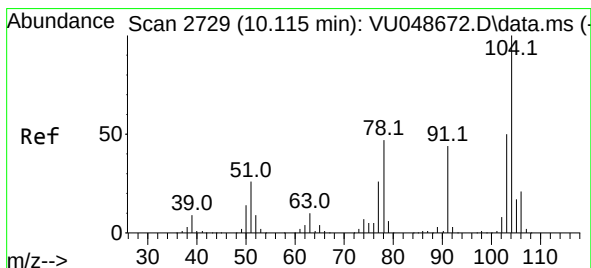
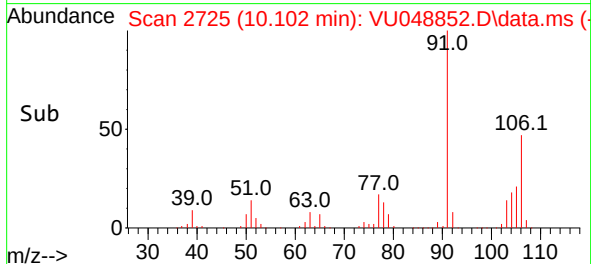
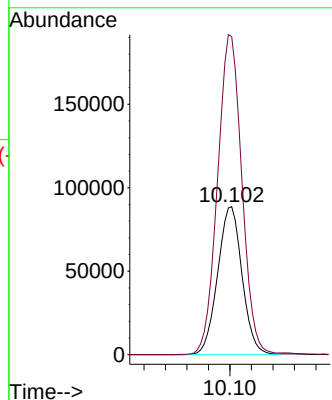
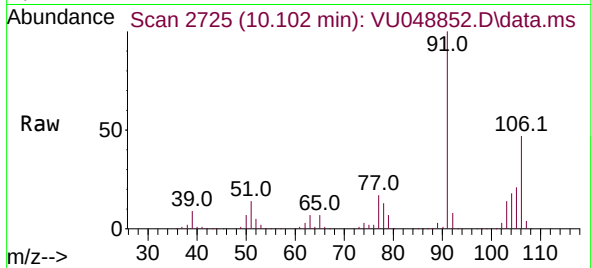




#69
o-Xylene
Concen: 21.886 ug/l
RT: 10.102 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU048852.D
Acq: 03 Jun 2022 13:07

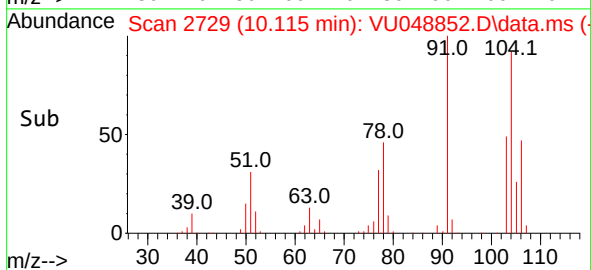
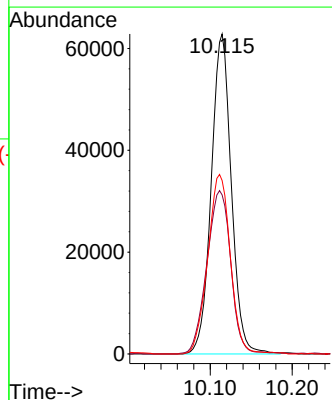
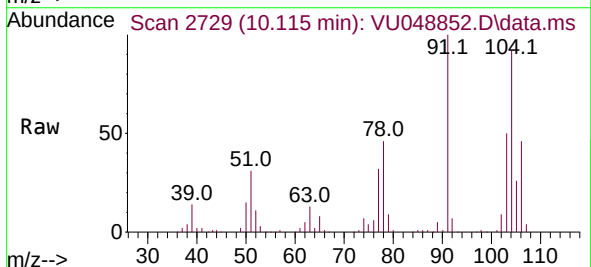
Instrument :
MSVOA_U
ClientSampleId :
40030DL

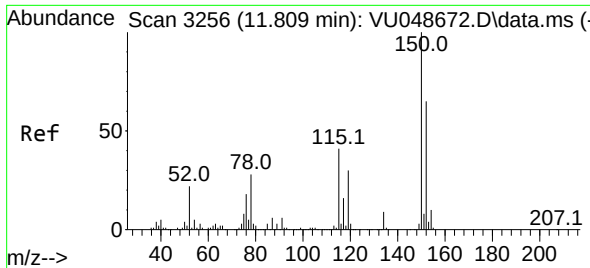
Tgt Ion:106 Resp: 140073
Ion Ratio Lower Upper
106 100
91 215.3 107.7 323.3



#70
Styrene
Concen: 10.172 ug/l
RT: 10.115 min Scan# 2729
Delta R.T. -0.000 min
Lab File: VU048852.D
Acq: 03 Jun 2022 13:07

Tgt Ion:104 Resp: 107076
Ion Ratio Lower Upper
104 100
78 60.7 41.2 61.8
103 62.9 43.4 65.2

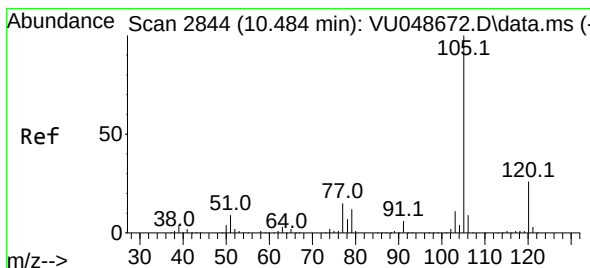
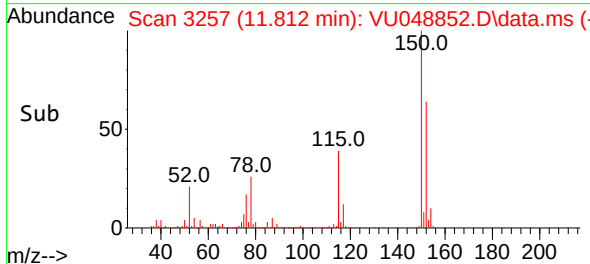
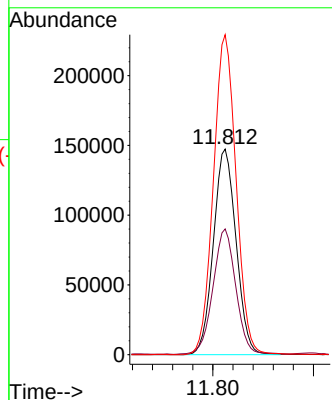
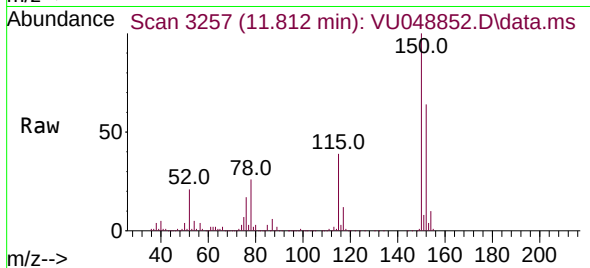




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU048852.D
Acq: 03 Jun 2022 13:07

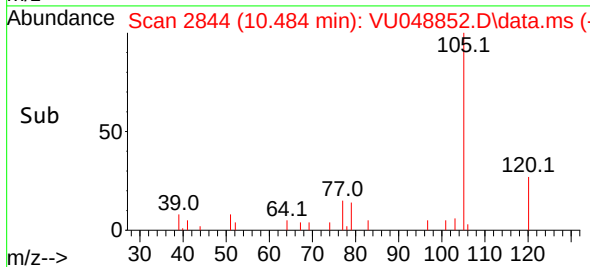
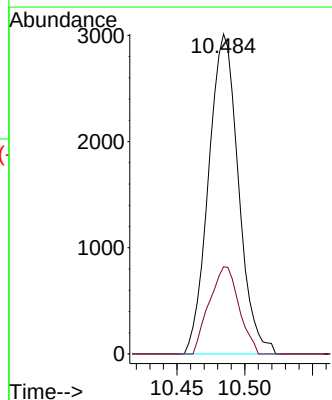
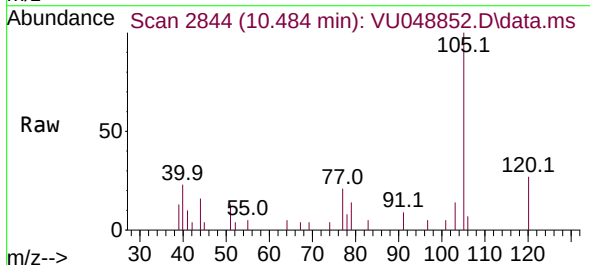
Instrument :
MSVOA_U
ClientSampleId :
40030DL

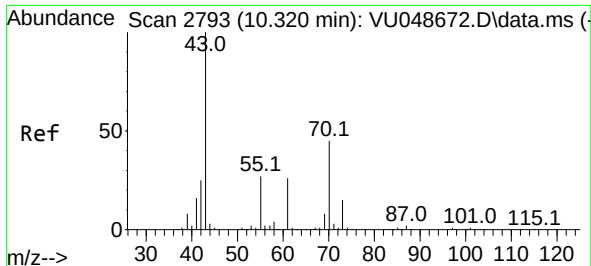
Tgt Ion:152 Resp: 231247
Ion Ratio Lower Upper
152 100
115 61.2 41.8 125.4
150 155.6 0.0 341.0



#73
Isopropylbenzene
Concen: 0.309 ug/l
RT: 10.484 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VU048852.D
Acq: 03 Jun 2022 13:07

Tgt Ion:105 Resp: 4617
Ion Ratio Lower Upper
105 100
120 27.0 12.9 38.6

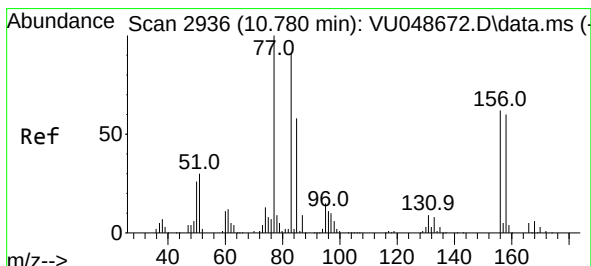
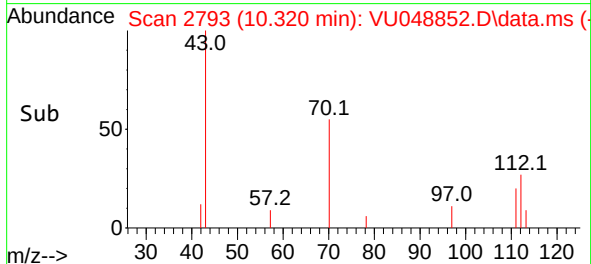
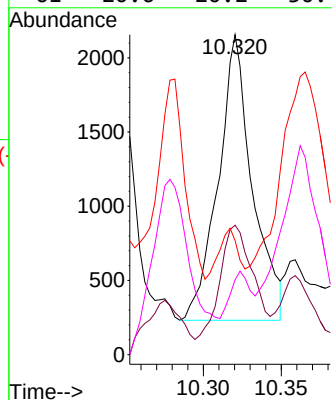
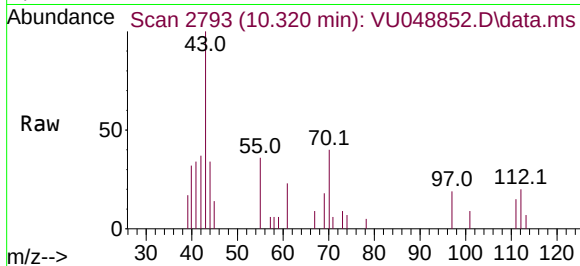




#74
N-amy1 acetate
Concen: 2.835 ug/l
RT: 10.320 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU048852.D
Acq: 03 Jun 2022 13:07

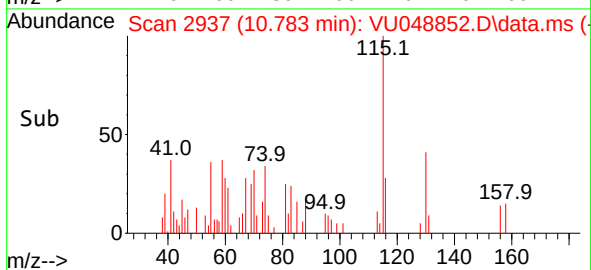
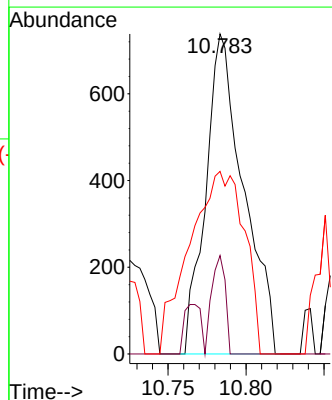
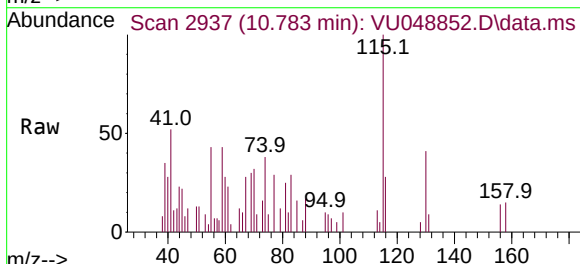
Instrument :
MSVOA_U
ClientSampleId :
40030DL

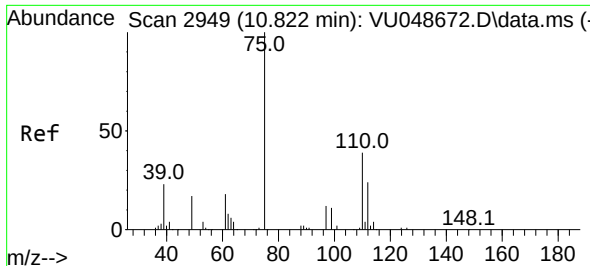
Tgt Ion: 43	Resp: 2927
Ion Ratio	Lower Upper
43 100	
70 38.8	35.8 53.6
55 29.4	21.1 31.7
61 20.6	20.2 30.4



#75
1,1,2,2-Tetrachloroethane
Concen: 0.205 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. 0.003 min
Lab File: VU048852.D
Acq: 03 Jun 2022 13:07

Tgt Ion: 83	Resp: 1247
Ion Ratio	Lower Upper
83 100	
131 11.1	5.2 15.6
85 82.7	32.5 97.4

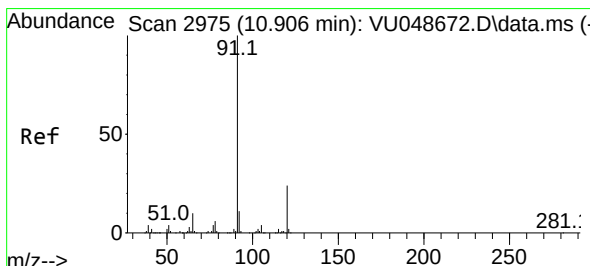
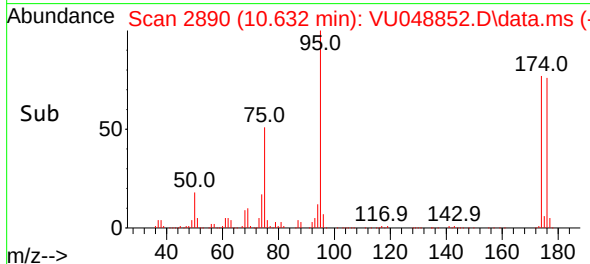
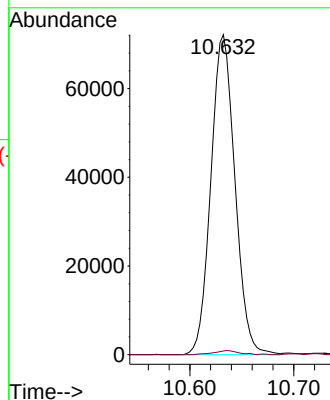
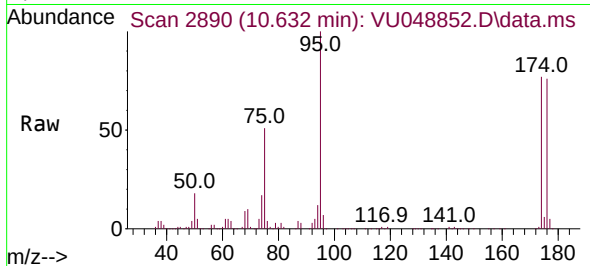




#76
1,2,3-Trichloropropane
Concen: 15.570 ug/l
RT: 10.632 min Scan# 21
Delta R.T. -0.190 min
Lab File: VU048852.D
Acq: 03 Jun 2022 13:07

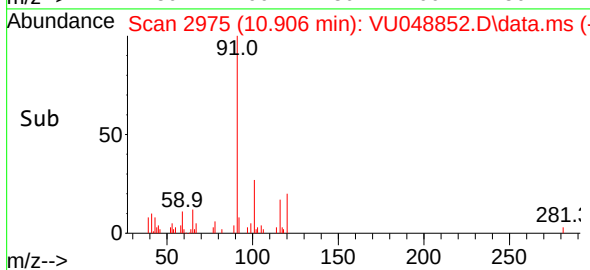
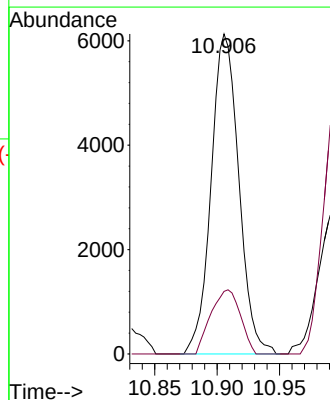
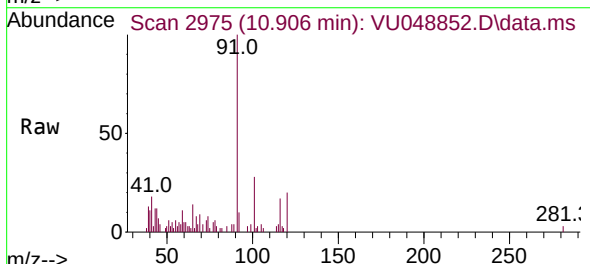
Instrument :
MSVOA_U
ClientSampleId :
40030DL

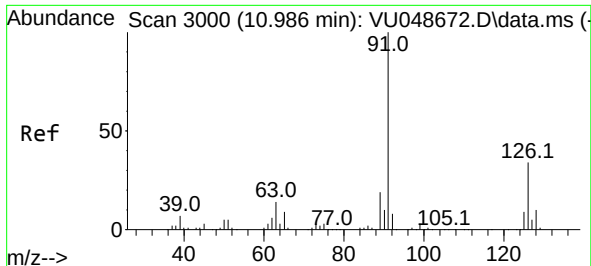
Tgt Ion: 75 Resp: 116087
Ion Ratio Lower Upper
75 100
77 1.3 14.8 44.3#



#78
n-propylbenzene
Concen: 0.534 ug/l
RT: 10.906 min Scan# 2975
Delta R.T. -0.000 min
Lab File: VU048852.D
Acq: 03 Jun 2022 13:07

Tgt Ion: 91 Resp: 9494
Ion Ratio Lower Upper
91 100
120 21.3 11.6 34.7





#79

2-Chlorotoluene

Concen: 0.522 ug/l

RT: 10.999 min Scan# 3004

Delta R.T. 0.013 min

Lab File: VU048852.D

Acq: 03 Jun 2022 13:07

Instrument :

MSVOA_U

ClientSampleId :

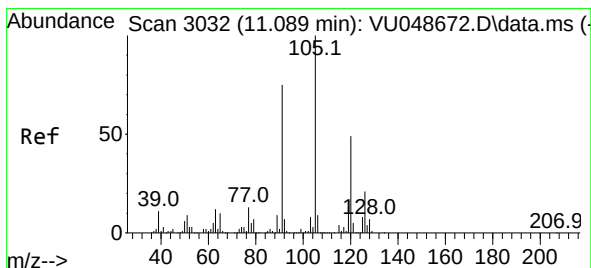
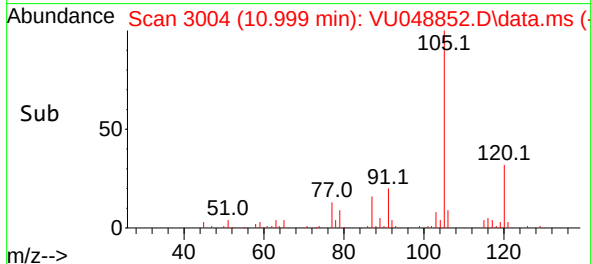
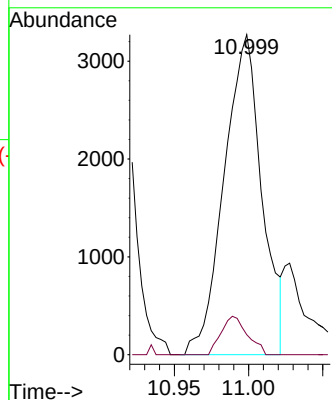
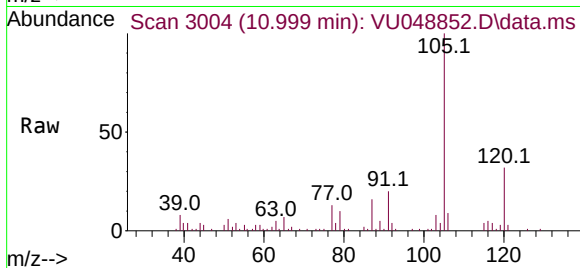
40030DL

Tgt Ion: 91 Resp: 5775

Ion Ratio Lower Upper

91 100

126 8.4 16.7 50.0#



#80

1,3,5-Trimethylbenzene

Concen: 1.830 ug/l

RT: 11.089 min Scan# 3032

Delta R.T. -0.000 min

Lab File: VU048852.D

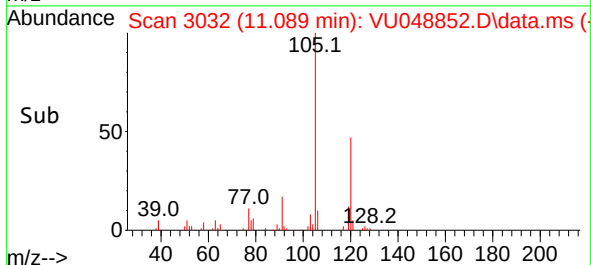
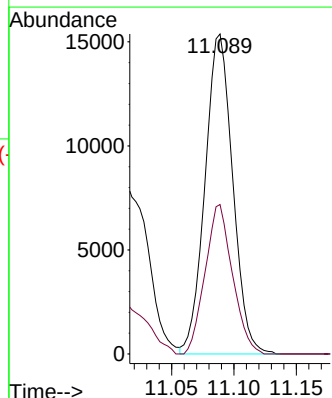
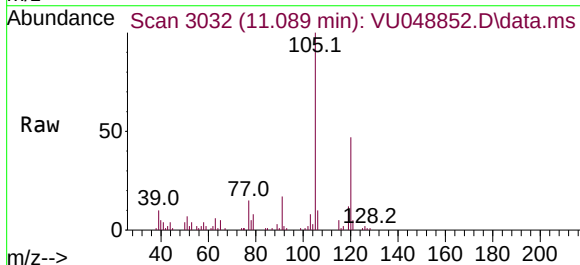
Acq: 03 Jun 2022 13:07

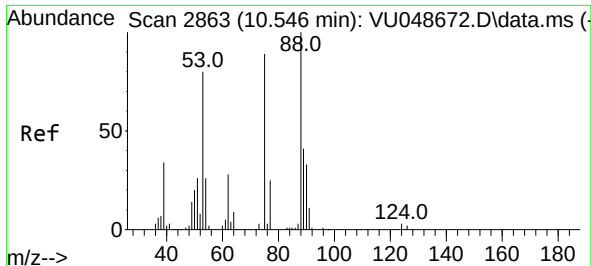
Tgt Ion: 105 Resp: 23759

Ion Ratio Lower Upper

105 100

120 46.0 24.1 72.3

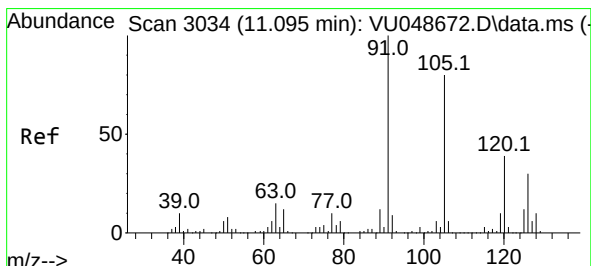
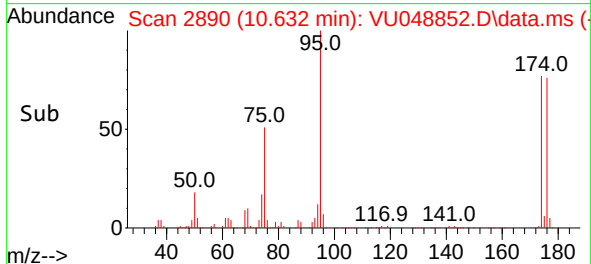
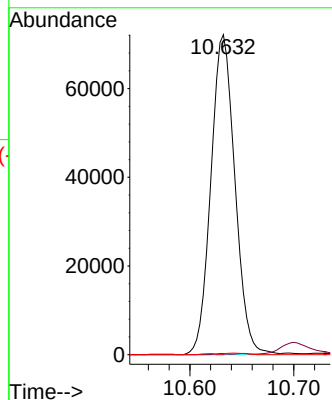
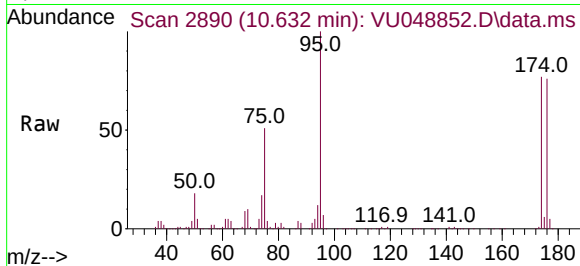




#81
 trans-1,4-Dichloro-2-butene
 Concen: 56.531 ug/l
 RT: 10.632 min Scan# 21
 Delta R.T. 0.087 min
 Lab File: VU048852.D
 Acq: 03 Jun 2022 13:07

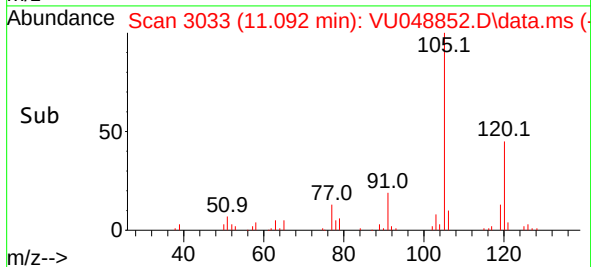
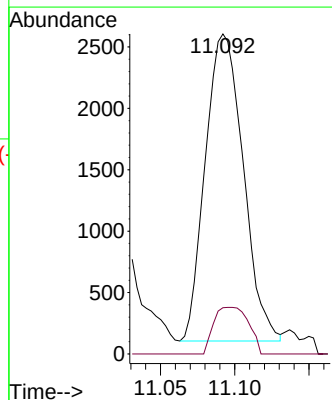
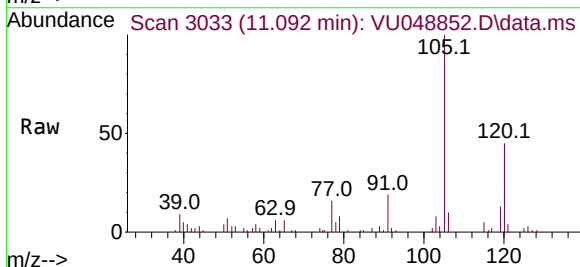
Instrument :
 MSVOA_U
 ClientSampleId :
 40030DL

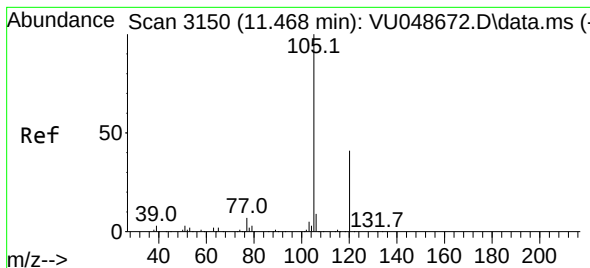
Tgt Ion: 75 Resp: 116087
 Ion Ratio Lower Upper
 75 100
 53 0.2 72.5 108.7#
 89 0.2 37.0 55.4#



#82
 4-Chlorotoluene
 Concen: 0.348 ug/l
 RT: 11.092 min Scan# 3033
 Delta R.T. -0.003 min
 Lab File: VU048852.D
 Acq: 03 Jun 2022 13:07

Tgt Ion: 91 Resp: 4439
 Ion Ratio Lower Upper
 91 100
 126 13.9 14.4 43.2#





#84

1,2,4-Trimethylbenzene

Concen: 7.113 ug/l

RT: 11.468 min Scan# 3150

Delta R.T. 0.000 min

Lab File: VU048852.D

Acq: 03 Jun 2022 13:07

Instrument :

MSVOA_U

ClientSampleId :

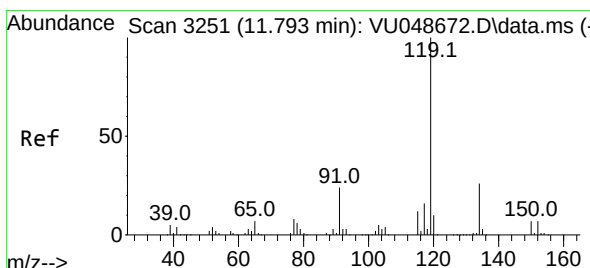
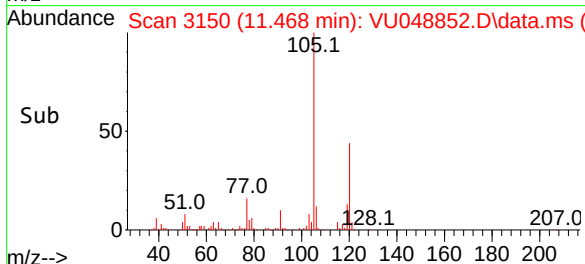
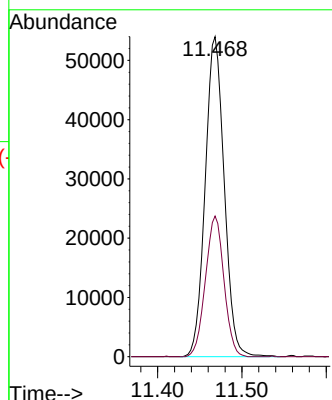
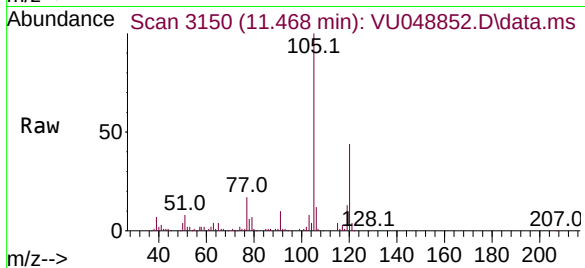
40030DL

Tgt Ion:105 Resp: 84937

Ion Ratio Lower Upper

105 100

120 42.7 22.5 67.5



#86

p-Isopropyltoluene

Concen: 0.240 ug/l

RT: 11.793 min Scan# 3251

Delta R.T. -0.000 min

Lab File: VU048852.D

Acq: 03 Jun 2022 13:07

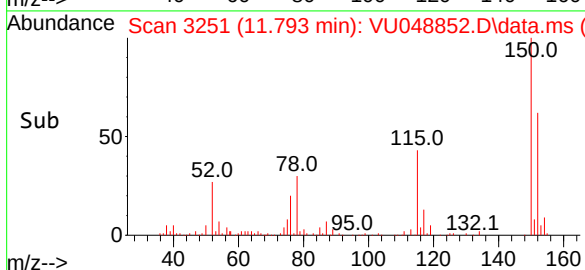
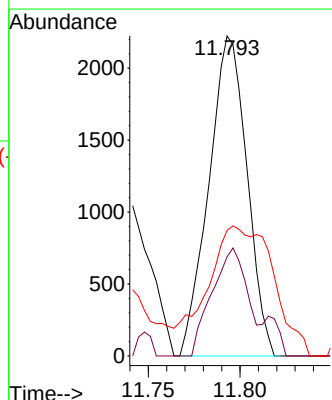
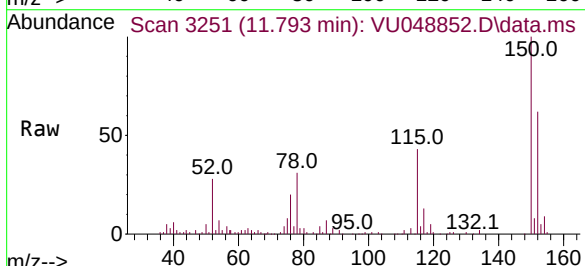
Tgt Ion:119 Resp: 3212

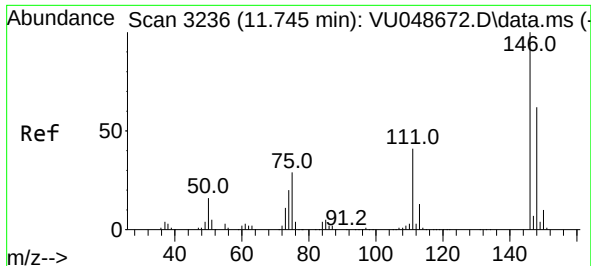
Ion Ratio Lower Upper

119 100

134 32.3 12.8 38.4

91 70.7 12.0 36.0#





#87

1,3-Dichlorobenzene

Concen: 0.238 ug/l

RT: 11.748 min Scan# 3237

Delta R.T. 0.003 min

Lab File: VU048852.D

Acq: 03 Jun 2022 13:07

Instrument :

MSVOA_U

ClientSampleId :

40030DL

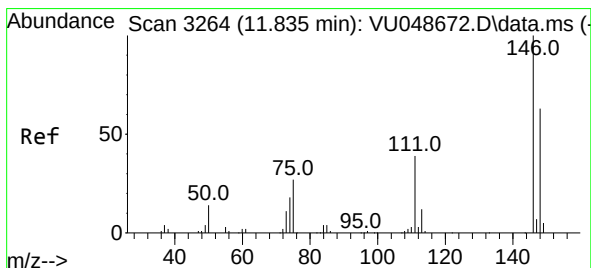
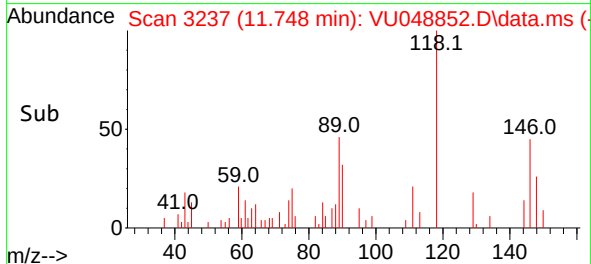
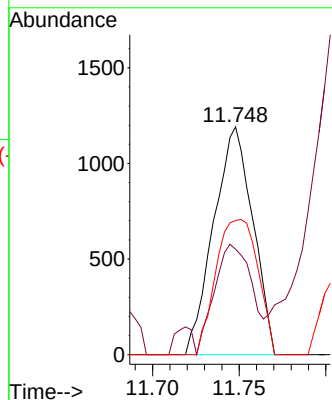
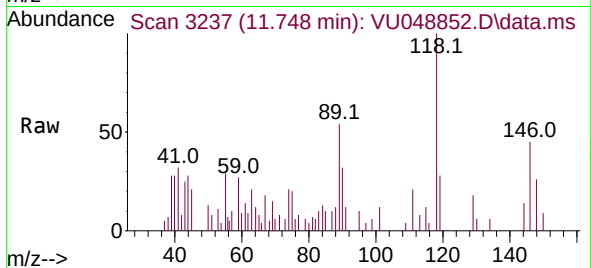
Tgt Ion:146 Resp: 1871

Ion Ratio Lower Upper

146 100

111 46.6 20.6 61.9

148 63.7 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 0.230 ug/l

RT: 11.748 min Scan# 3237

Delta R.T. -0.087 min

Lab File: VU048852.D

Acq: 03 Jun 2022 13:07

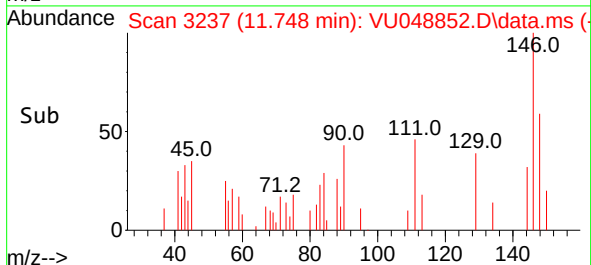
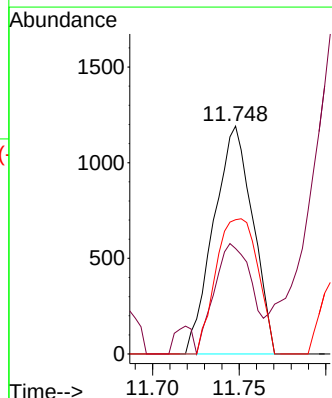
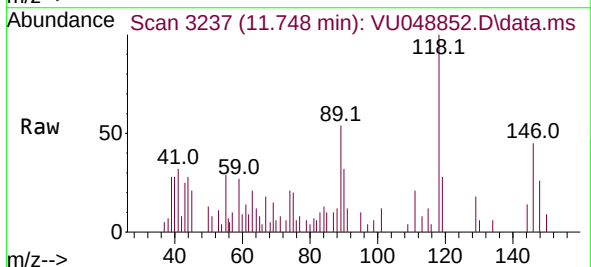
Tgt Ion:146 Resp: 1871

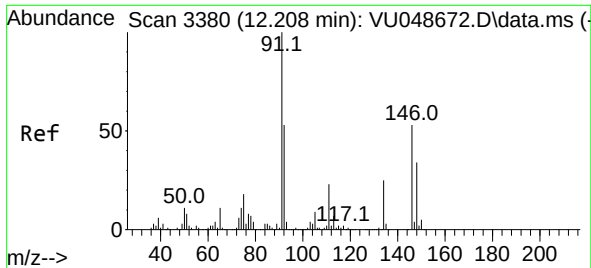
Ion Ratio Lower Upper

146 100

111 46.6 20.2 60.6

148 63.7 32.4 97.0

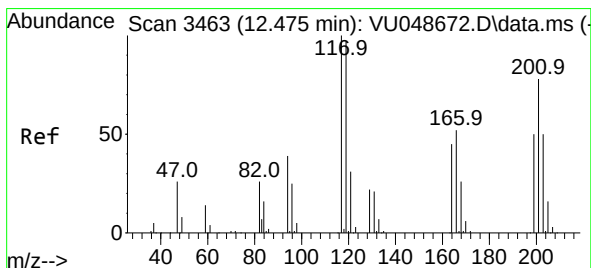
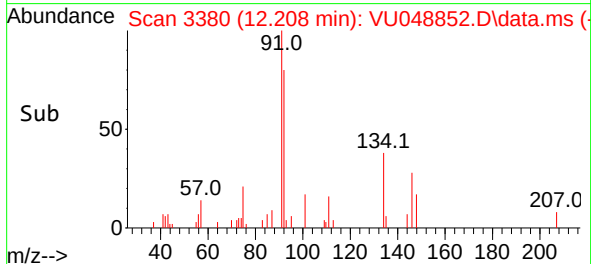
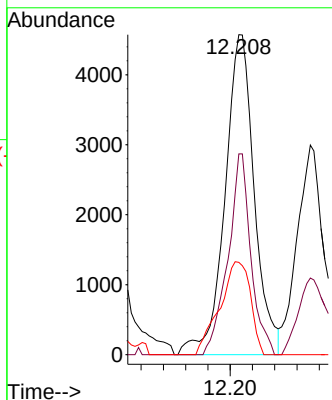
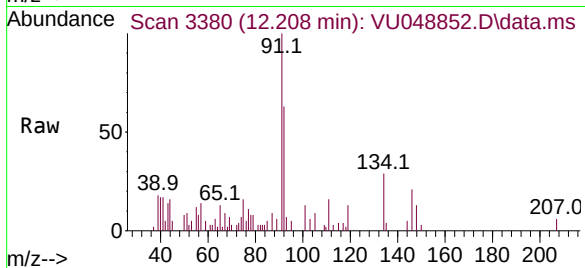




#89
n-Butylbenzene
Concen: 2.783 ug/l
RT: 12.208 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU048852.D
Acq: 03 Jun 2022 13:07

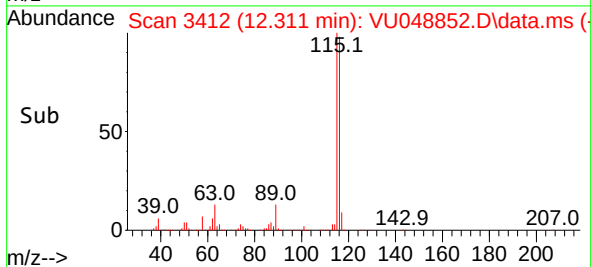
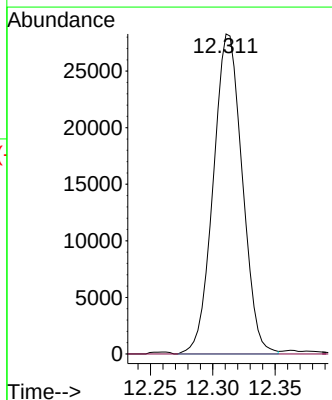
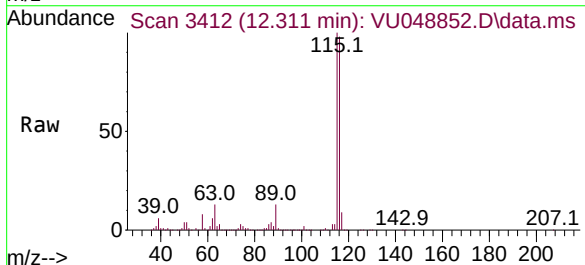
Instrument :
MSVOA_U
ClientSampleId :
40030DL

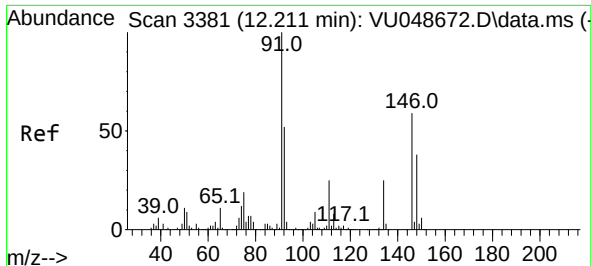
Tgt Ion: 91	Resp:	8369
Ion	Ratio	Lower Upper
91	100	
92	48.9	25.9 77.8
134	30.4	12.5 37.5



#90
Hexachloroethane
Concen: 16.769 ug/l
RT: 12.311 min Scan# 3412
Delta R.T. -0.164 min
Lab File: VU048852.D
Acq: 03 Jun 2022 13:07

Tgt Ion: 117	Resp:	45814
Ion	Ratio	Lower Upper
117	100	
201	0.0	39.6 119.0#





#91

1,2-Dichlorobenzene

Concen: 0.266 ug/l

RT: 12.214 min Scan# 3381

Delta R.T. 0.003 min

Lab File: VU048852.D

Acq: 03 Jun 2022 13:07

Instrument :

MSVOA_U

ClientSampleId :

40030DL

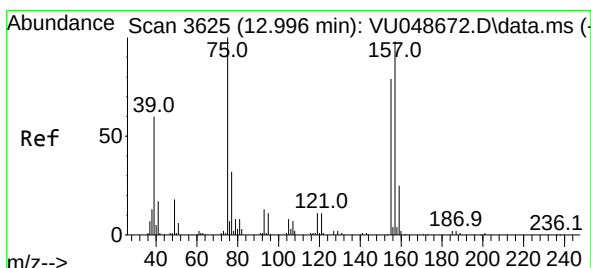
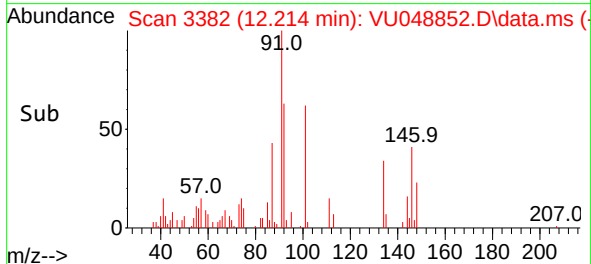
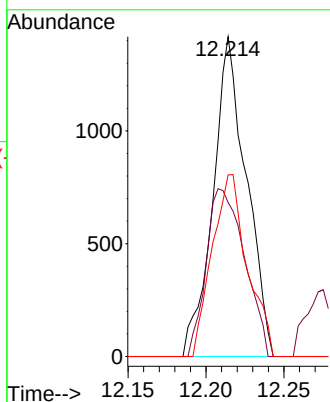
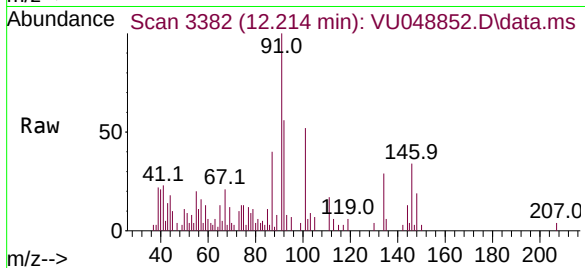
Tgt Ion:146 Resp: 2114

Ion Ratio Lower Upper

146 100

111 60.2 21.4 64.3

148 59.6 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.444 ug/l

RT: 12.995 min Scan# 3625

Delta R.T. -0.000 min

Lab File: VU048852.D

Acq: 03 Jun 2022 13:07

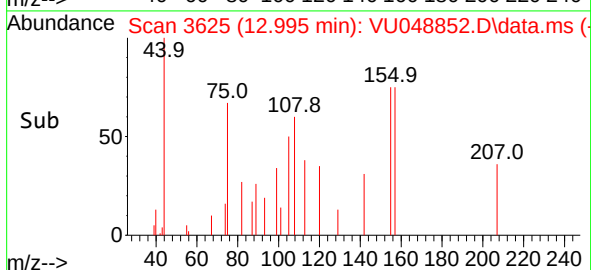
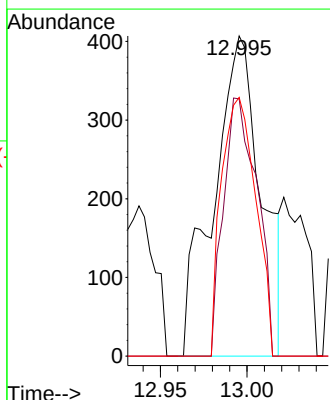
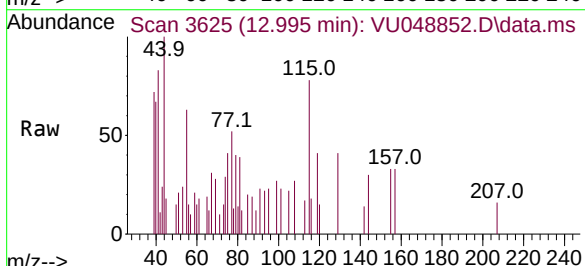
Tgt Ion: 75 Resp: 779

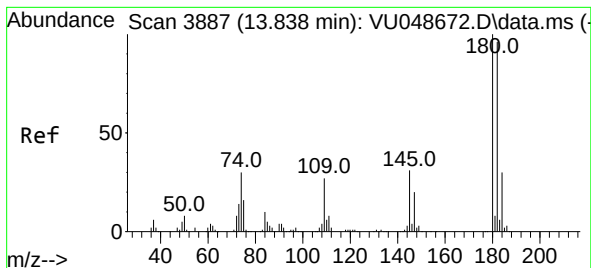
Ion Ratio Lower Upper

75 100

155 56.4 40.3 120.8

157 58.4 50.0 150.0





#93

1,2,4-Trichlorobenzene

Concen: 1.026 ug/l

RT: 13.841 min Scan# 3887

Delta R.T. 0.003 min

Lab File: VU048852.D

Acq: 03 Jun 2022 13:07

Instrument :

MSVOA_U

ClientSampleId :

40030DL

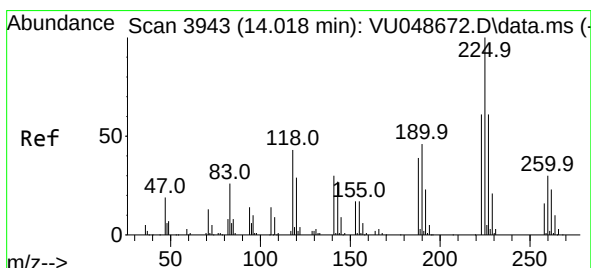
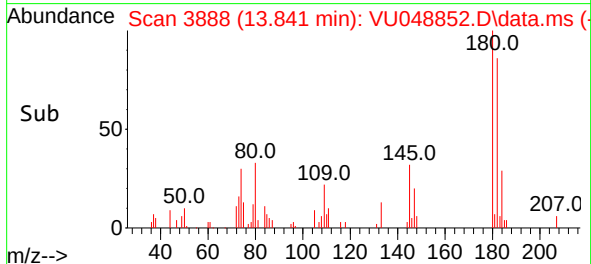
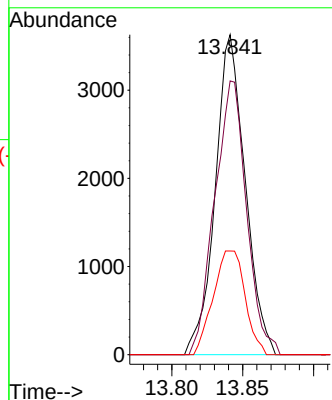
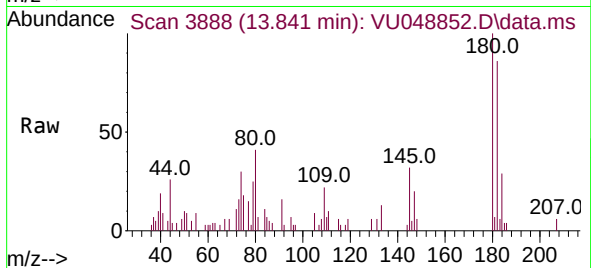
Tgt Ion:180 Resp: 5346

Ion Ratio Lower Upper

180 100

182 90.8 48.3 144.9

145 34.4 15.6 46.7



#94

Hexachlorobutadiene

Concen: 0.457 ug/l

RT: 14.021 min Scan# 3944

Delta R.T. 0.003 min

Lab File: VU048852.D

Acq: 03 Jun 2022 13:07

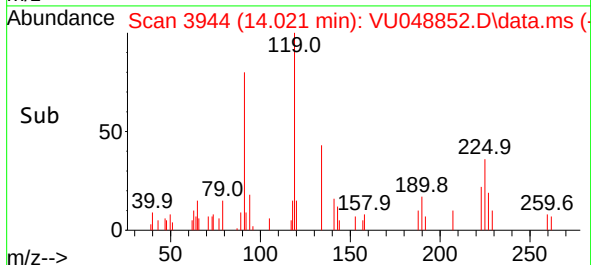
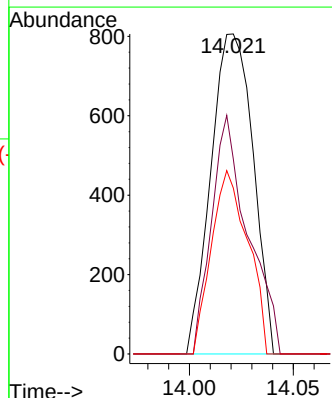
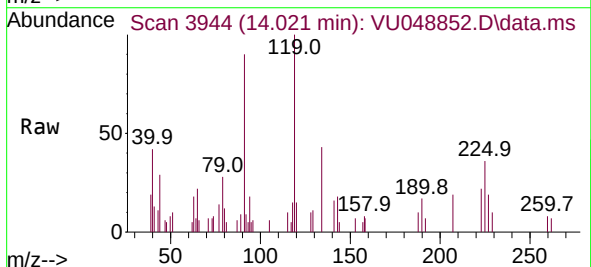
Tgt Ion:225 Resp: 1141

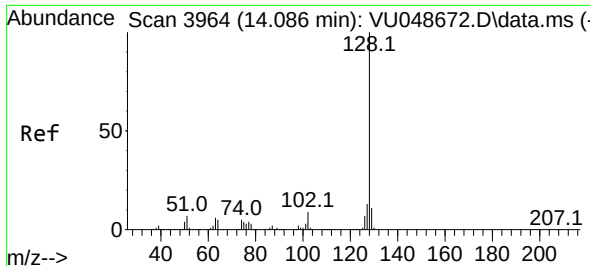
Ion Ratio Lower Upper

225 100

223 64.4 30.9 92.8

227 49.5 31.1 93.5

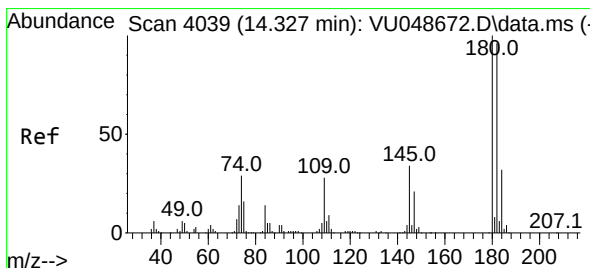
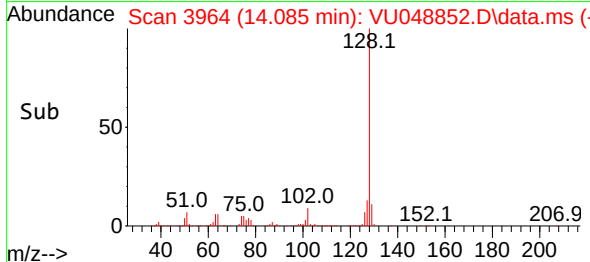
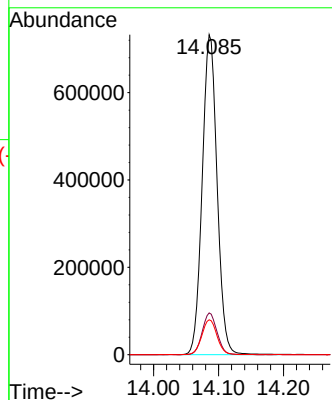
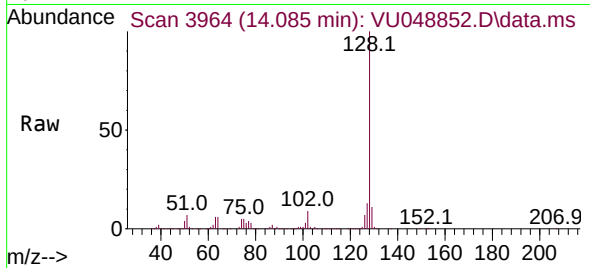




#95
Naphthalene
Concen: 63.437 ug/l
RT: 14.085 min Scan# 3964
Delta R.T. -0.001 min
Lab File: VU048852.D
Acq: 03 Jun 2022 13:07

Instrument :
MSVOA_U
ClientSampleId :
40030DL

Tgt Ion:128 Resp: 1167755
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.4
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 1.170 ug/l
RT: 14.330 min Scan# 4040
Delta R.T. 0.003 min
Lab File: VU048852.D
Acq: 03 Jun 2022 13:07

Tgt Ion:180 Resp: 6039
Ion Ratio Lower Upper
180 100
182 99.2 47.4 142.2
145 32.8 16.6 49.8

