

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081722\
 Data File : VU050358.D
 Acq On : 17 Aug 2022 17:07
 Operator : SY/MD
 Sample : VU0817WBL01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0817WBL01

Quant Time: Aug 18 06:08:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U081722DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Aug 18 06:06:02 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.112	96	30428	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.636	95	8383	0.801	ug/l	0.00
Spiked Amount 1.000			Recovery	=	80.000%	
68) 1,2-Dichlorobenzene-d4	12.195	152	9931	0.799	ug/l	0.00
Spiked Amount 1.000			Recovery	=	80.000%	
Target Compounds						
						Qvalue
3) Chloromethane	1.517	50	5778	0.404	ug/l	100
4) Vinyl Chloride	1.601	62	91	0.007	ug/l	# 3
5) Bromomethane	1.855	94	675	0.121	ug/l	89
6) Chloroethane	1.932	64	20	0.003	ug/l	# 42
10) Iodomethane	2.713	142	419	0.052	ug/l	# 70
11) Allyl Chloride	2.929	41	109	0.008	ug/l	96
13) Acetone	2.649	43	1493	Below Cal	#	81
14) Carbon Disulfide	2.781	76	1611	0.055	ug/l	# 76
15) Methylene Chloride	3.038	84	13906	0.805	ug/l	96
18) 2-Butanone	4.745	43	575	0.192	ug/l	75
24) tert-Butyl Alcohol	3.189	59	1378	1.293	ug/l	# 73
27) Chloroform	5.083	83	319	0.018	ug/l	17
29) 1,1-Dichloropropene	5.527	75	85	0.008	ug/l	# 42
31) Isopropyl Ether	3.990	45	74	0.003	ug/l	68
33) Tert-Amyl methyl ether	6.112	73	350	0.023	ug/l	# 47
35) Benzene	5.768	78	147	0.004	ug/l	# 52
39) Methacrylonitrile	5.077	41	46	0.014	ug/l	# 23
41) Tetrahydrofuran	5.073	42	107	0.059	ug/l	# 31
45) 4-Methyl-2-Pentanone	7.816	43	434	0.071	ug/l	# 65
46) t-1,4-Dichloro-2-butene	10.636	75	4247	2.111	ug/l	# 22
49) Toluene	7.967	92	180	0.009	ug/l	# 70
54) 2-Hexanone	8.700	43	519	0.125	ug/l	# 50
58) Tetrachloroethene	8.555	164	94	0.011	ug/l	# 26
59) Chlorobenzene	9.446	112	474	0.021	ug/l	# 78
63) Ethyl Benzene	9.572	91	660	0.451	ug/l	# 44
64) m/p-Xylenes	9.700	106	421	0.830	ug/l	82
65) o-Xylene	10.096	106	68	0.359	ug/l	# 1
66) Styrene	10.118	104	449	0.481	ug/l	# 74
69) Isopropylbenzene	10.481	105	789	0.465	ug/l	# 72
70) 1,1,2,2-Tetrachloroethane	10.787	83	44	0.004	ug/l	# 25
72) Bromobenzene	10.784	156	163	0.018	ug/l	78
73) n-propylbenzene	10.909	120	359	0.538	ug/l	77
74) 2-Chlorotoluene	11.099	126	204	0.319	ug/l	32
75) 1,3,5-Trimethylbenzene	11.089	105	760	0.457	ug/l	90
76) 4-Chlorotoluene	11.099	126	204	0.023	ug/l	65
77) tert-Butylbenzene	11.420	119	850	0.402	ug/l	# 84
78) 1,2,4-Trimethylbenzene	11.472	105	1152	0.398	ug/l	82
79) sec-Butylbenzene	11.645	105	2271	0.477	ug/l	97
80) Nitrobenzene	13.218	77	67	0.096	ug/l	# 42
81) p-Isopropyltoluene	11.793	119	2706	0.052	ug/l	99
82) 1,3-Dichlorobenzene	11.748	146	698	0.036	ug/l	# 86
83) 1,4-Dichlorobenzene	11.842	146	1189	0.059	ug/l	# 78
84) n-Butylbenzene	12.208	91	3608	0.564	ug/l	99

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ALS Vial : 13 Sample Multiplier: 1

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Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Aug 18 06:06:02 2022
Response via : Initial Calibration

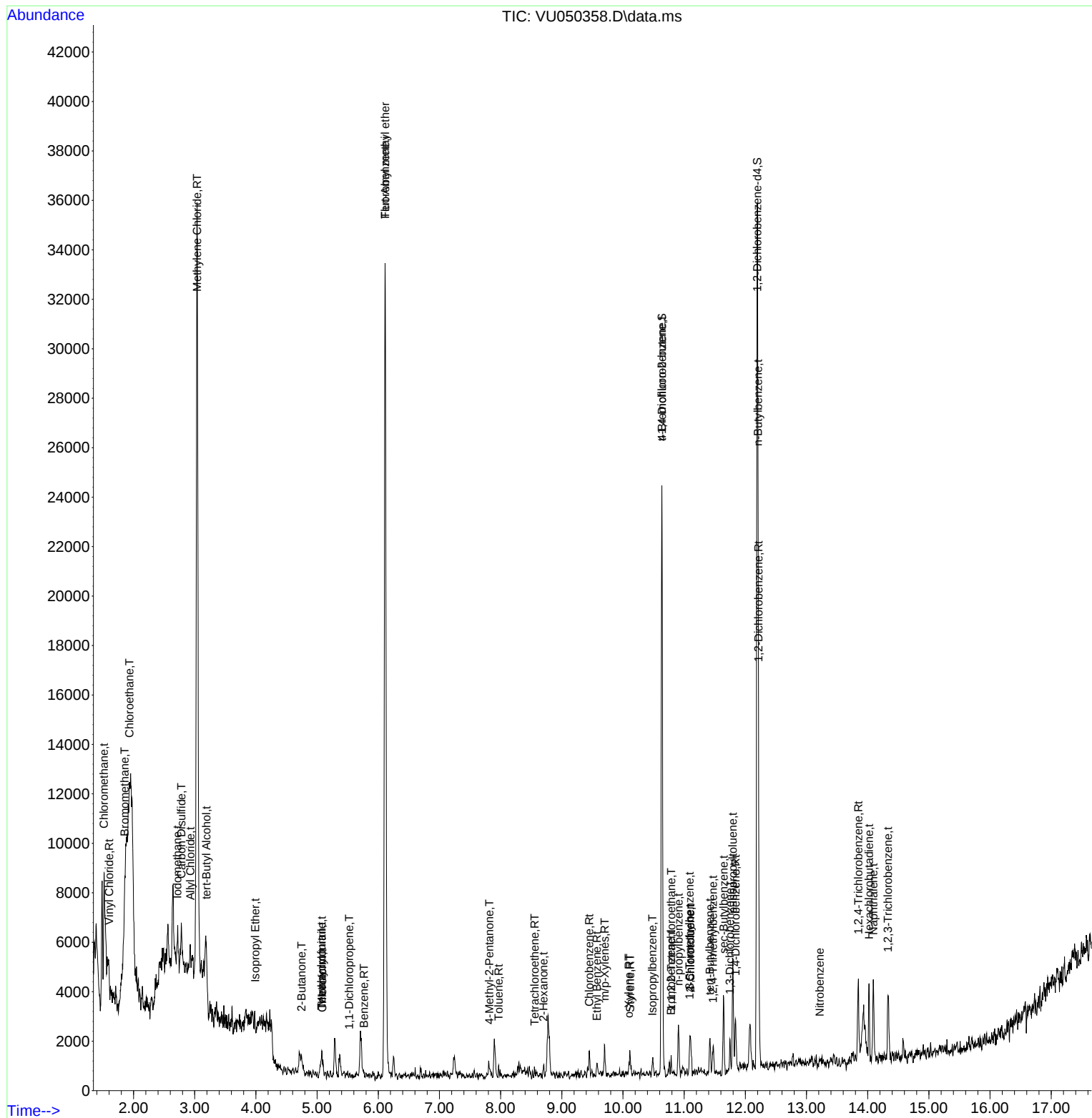
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) 1,2-Dichlorobenzene	12.214	146	832	0.043	ug/l	91
87) 1,2,4-Trichlorobenzene	13.848	180	1329	0.428	ug/l #	90
88) Hexachlorobutadiene	14.021	225	674	0.095	ug/l	93
89) Naphthalene	14.092	128	3072	0.937	ug/l	98
90) 1,2,3-Trichlorobenzene	14.330	180	1175	0.430	ug/l #	87

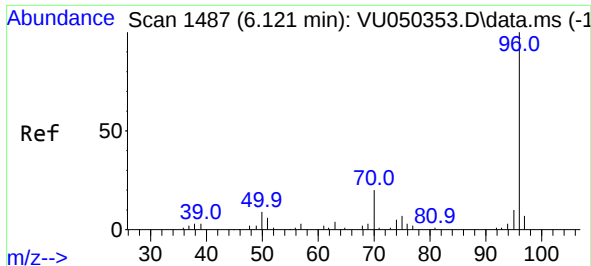
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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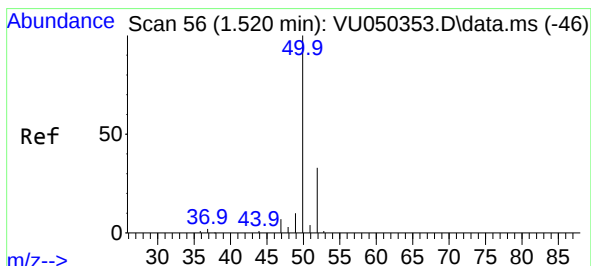
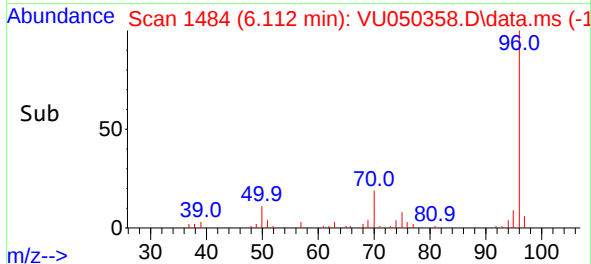
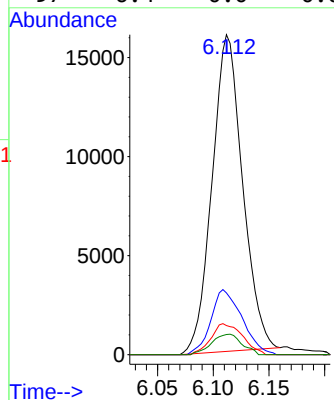
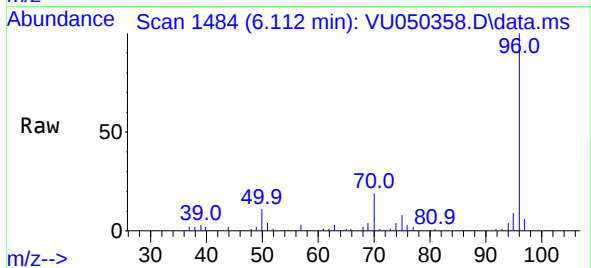




#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.112 min Scan# 14
Delta R.T. -0.009 min
Lab File: VU050358.D
Acq: 17 Aug 2022 17:07

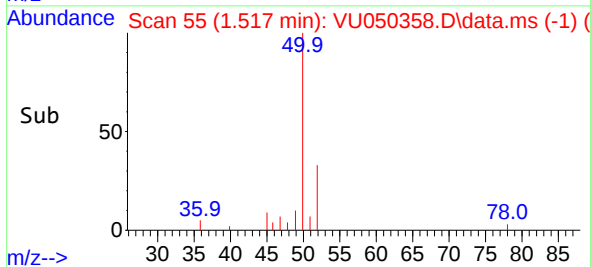
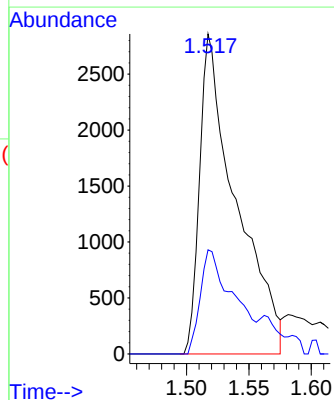
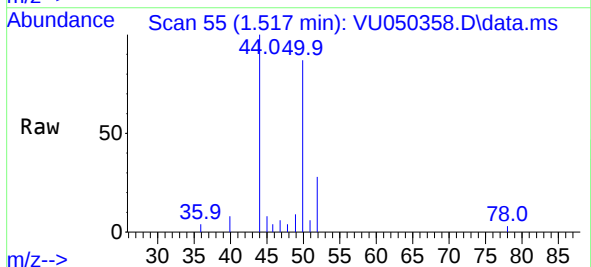
Instrument :
MSVOA_U
ClientSampleId :
VU0817WBL01

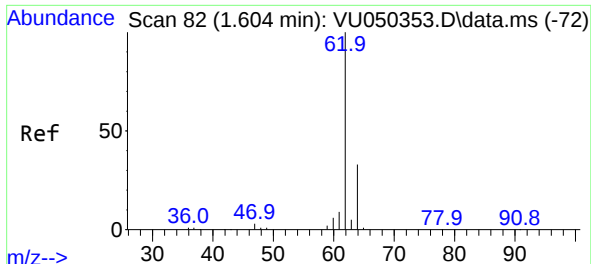
Tgt Ion: 96	Resp: 30428
Ion Ratio	Lower Upper
96 100	
70 21.0	16.7 25.1
95 10.2	7.4 11.0
97 6.4	0.0 0.0#



#3
Chloromethane
Concen: 0.404 ug/l
RT: 1.517 min Scan# 55
Delta R.T. -0.003 min
Lab File: VU050358.D
Acq: 17 Aug 2022 17:07

Tgt Ion: 50	Resp: 5778		
Ion Ratio	Lower	Upper	
50 100			
52 32.5	26.1	39.1	

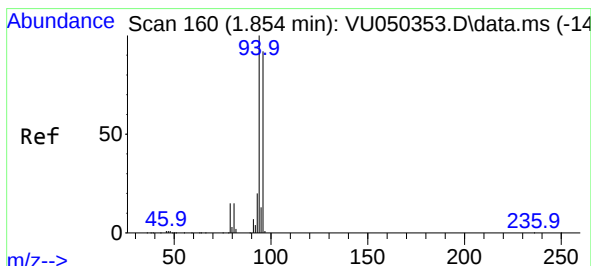
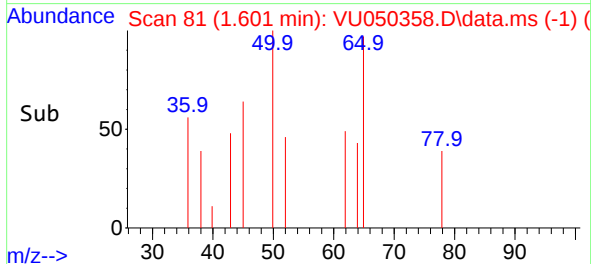
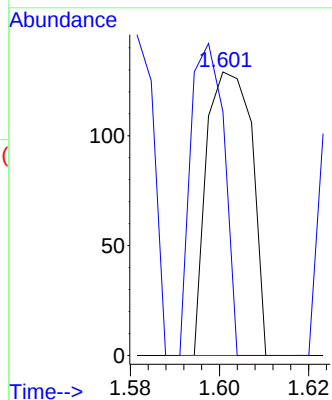
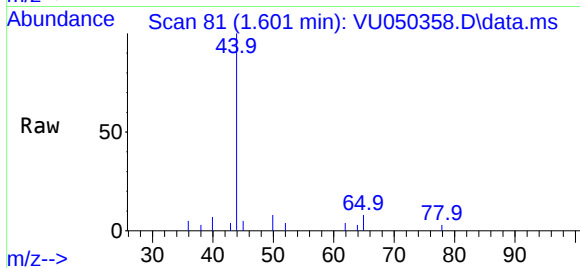




#4
 Vinyl Chloride
 Concen: 0.007 ug/l
 RT: 1.601 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VU050358.D
 Acq: 17 Aug 2022 17:07

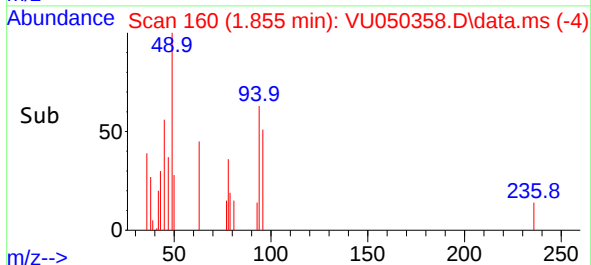
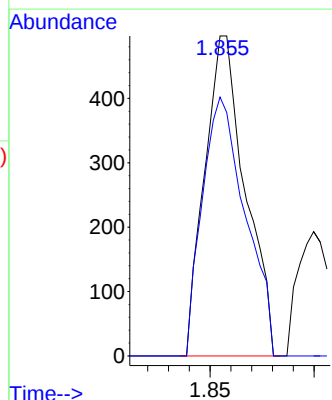
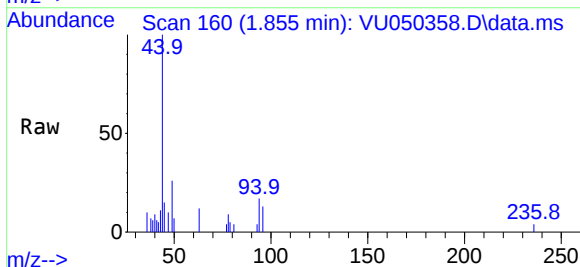
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0817WBL01

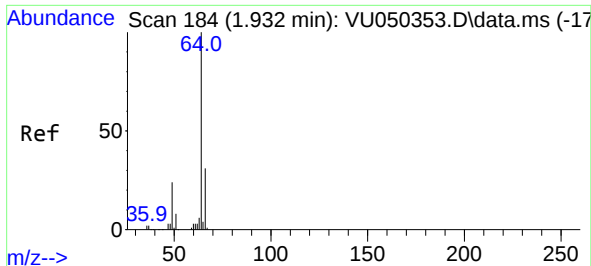
Tgt Ion: 62 Resp: 91
 Ion Ratio Lower Upper
 62 100
 64 86.0 25.5 38.3#



#5
 Bromomethane
 Concen: 0.121 ug/l
 RT: 1.855 min Scan# 160
 Delta R.T. 0.000 min
 Lab File: VU050358.D
 Acq: 17 Aug 2022 17:07

Tgt Ion: 94 Resp: 675
 Ion Ratio Lower Upper
 94 100
 96 80.9 73.0 109.6

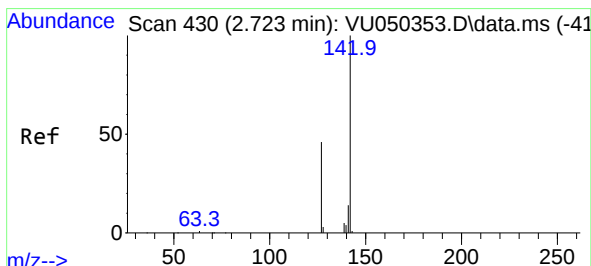
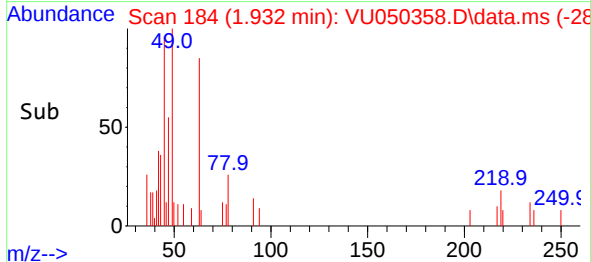
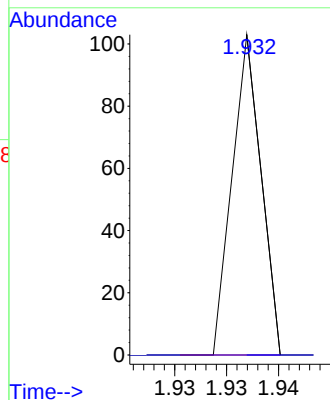
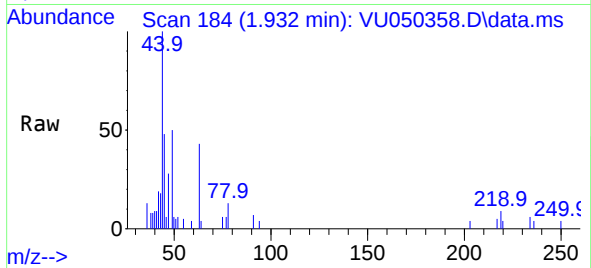




#6
Chloroethane
Concen: 0.003 ug/l
RT: 1.932 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU050358.D
Acq: 17 Aug 2022 17:07

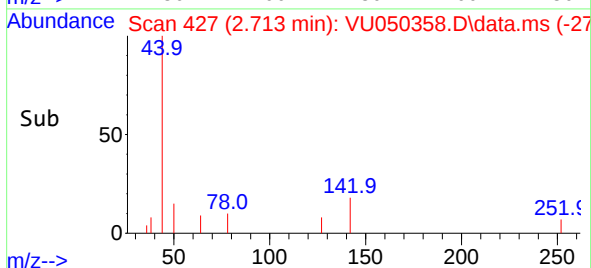
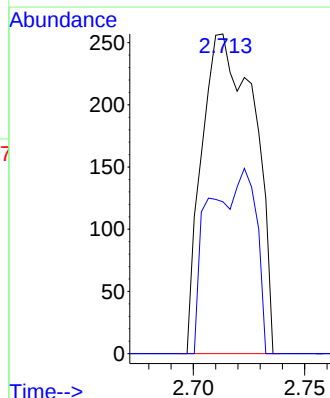
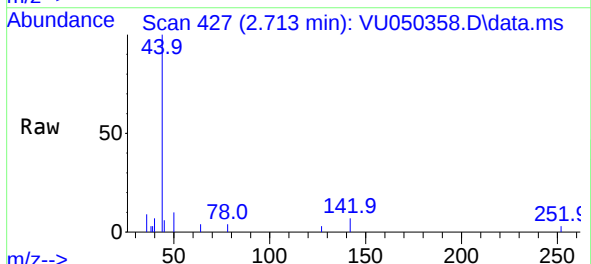
Instrument :
MSVOA_U
ClientSampleId :
VU0817WBL01

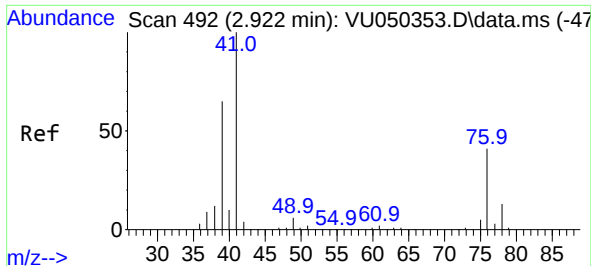
Tgt Ion: 64 Resp: 20
Ion Ratio Lower Upper
64 100
66 0.0 25.8 38.6#



#10
Iodomethane
Concen: 0.052 ug/l
RT: 2.713 min Scan# 427
Delta R.T. -0.009 min
Lab File: VU050358.D
Acq: 17 Aug 2022 17:07

Tgt Ion: 142 Resp: 419
Ion Ratio Lower Upper
142 100
127 27.7 38.2 57.2#





#11

Allyl Chloride

Concen: 0.008 ug/l

RT: 2.929 min Scan# 491

Delta R.T. 0.007 min

Lab File: VU050358.D

Acq: 17 Aug 2022 17:07

Instrument :

MSVOA_U

ClientSampleId :

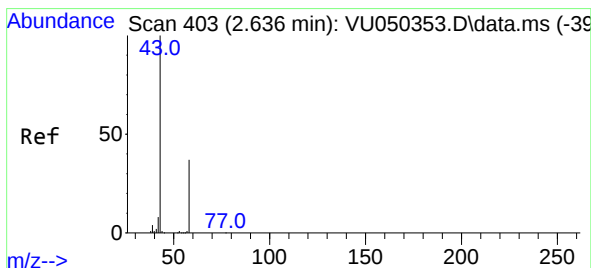
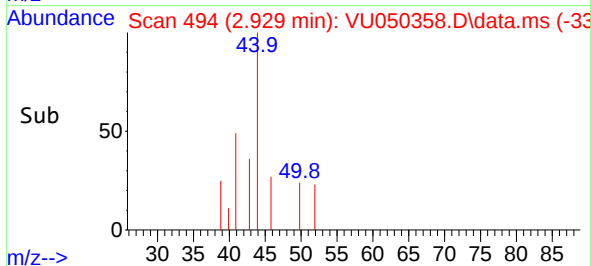
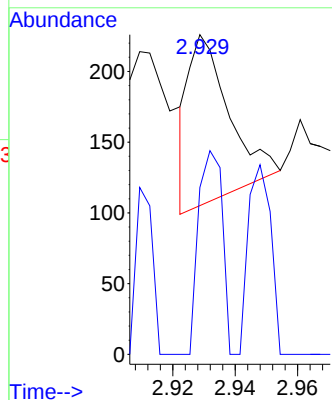
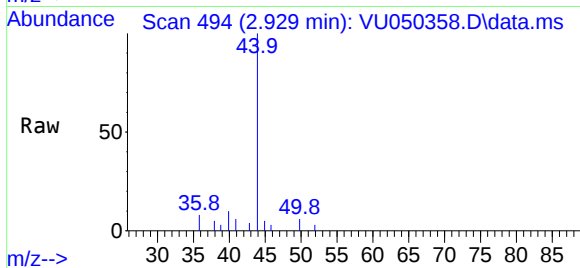
VU0817WBL01

Tgt Ion: 41 Resp: 109

Ion Ratio Lower Upper

41 100

39 69.7 53.2 79.8



#13

Acetone

Concen: Below Cal

RT: 2.649 min Scan# 407

Delta R.T. 0.013 min

Lab File: VU050358.D

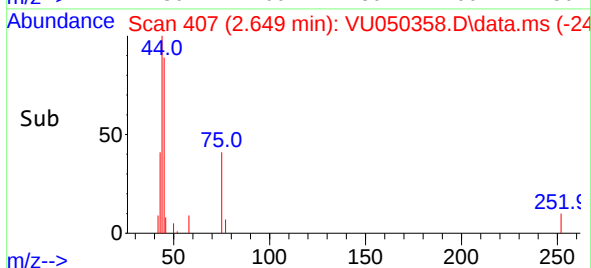
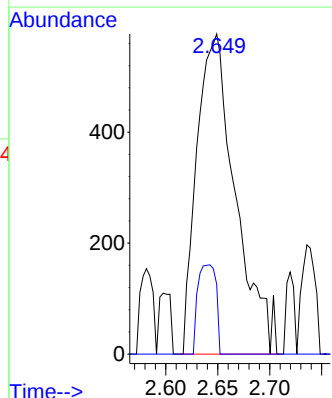
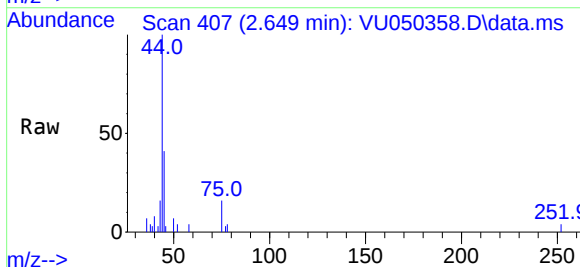
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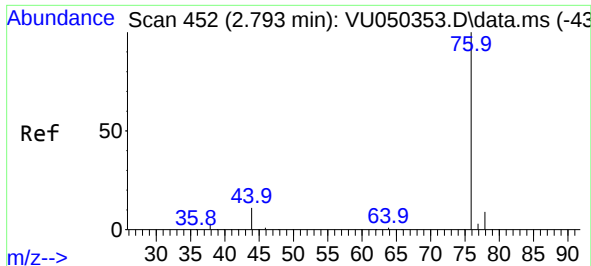
Tgt Ion: 43 Resp: 1493

Ion Ratio Lower Upper

43 100

58 21.8 26.2 39.2#

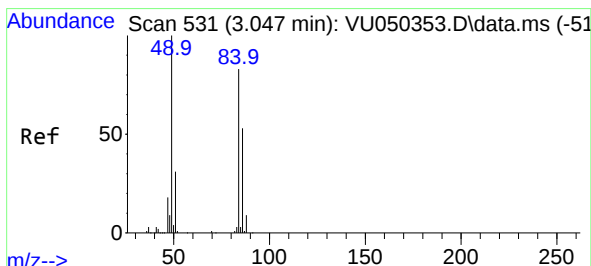
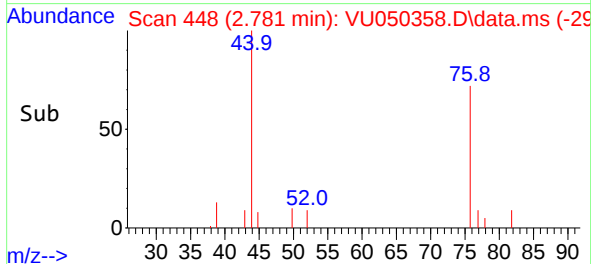
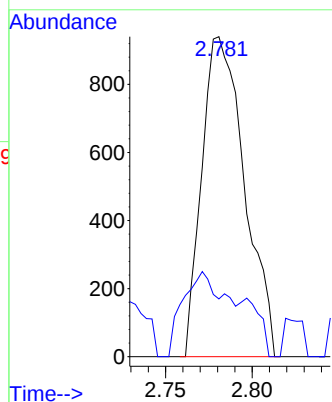
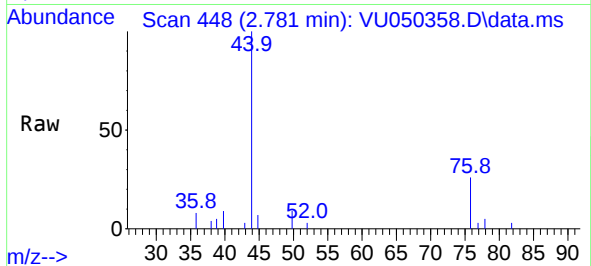




#14
Carbon Disulfide
Concen: 0.055 ug/l
RT: 2.781 min Scan# 44
Delta R.T. -0.013 min
Lab File: VU050358.D
Acq: 17 Aug 2022 17:07

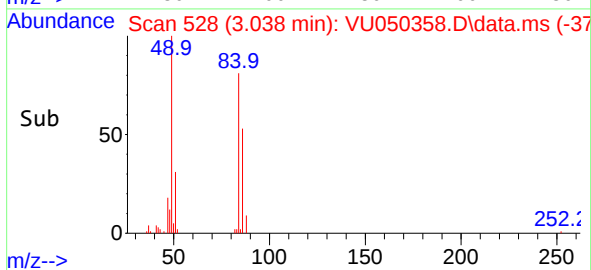
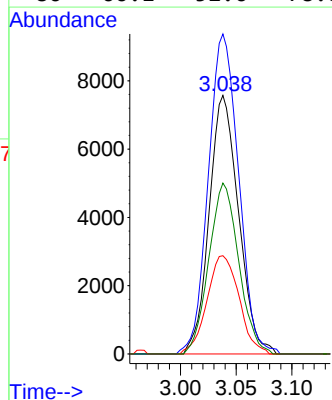
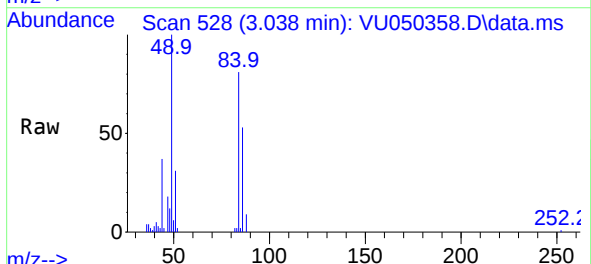
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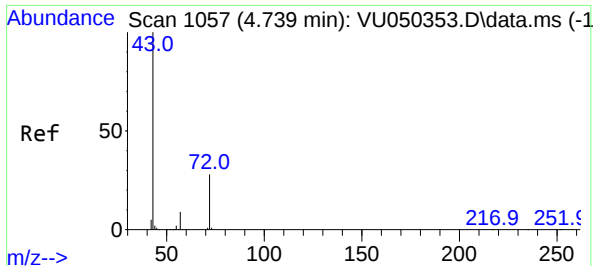
Tgt Ion: 76 Resp: 1611
Ion Ratio Lower Upper
76 100
78 18.1 7.4 11.0#



#15
Methylene Chloride
Concen: 0.805 ug/l
RT: 3.038 min Scan# 528
Delta R.T. -0.009 min
Lab File: VU050358.D
Acq: 17 Aug 2022 17:07

Tgt Ion: 84 Resp: 13906
Ion Ratio Lower Upper
84 100
49 123.8 104.6 157.0
51 38.0 0.0 81.4
86 66.1 52.6 78.8

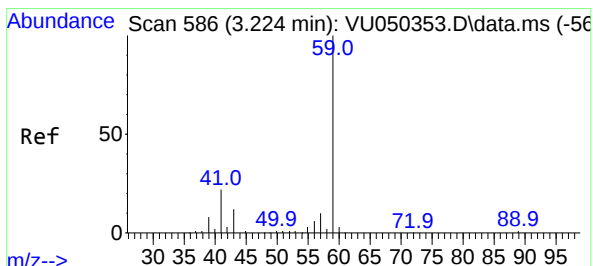
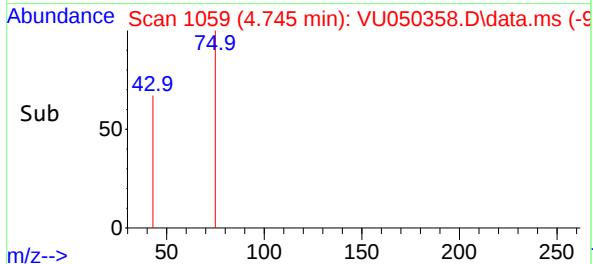
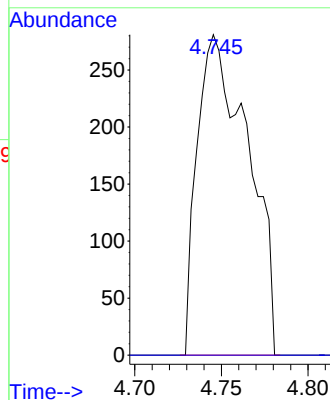
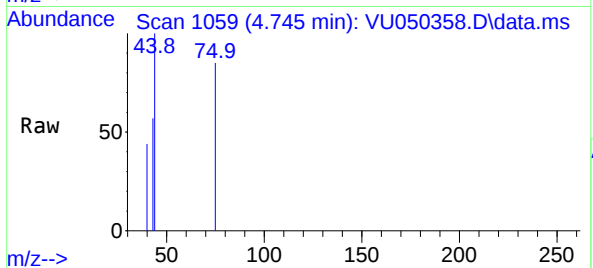




#18
2-Butanone
Concen: 0.192 ug/l
RT: 4.745 min Scan# 1057
Delta R.T. 0.007 min
Lab File: VU050358.D
Acq: 17 Aug 2022 17:07

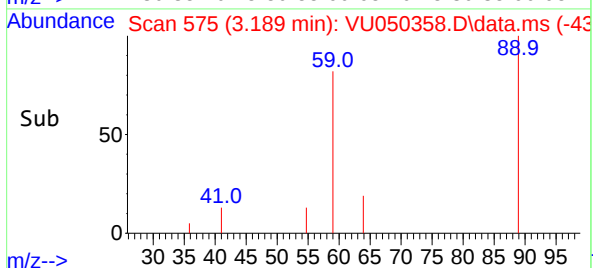
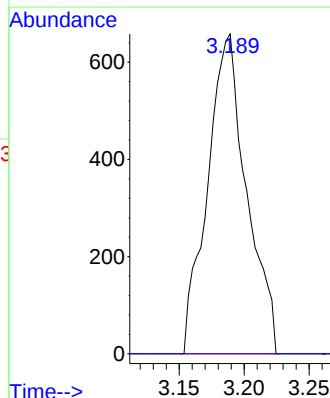
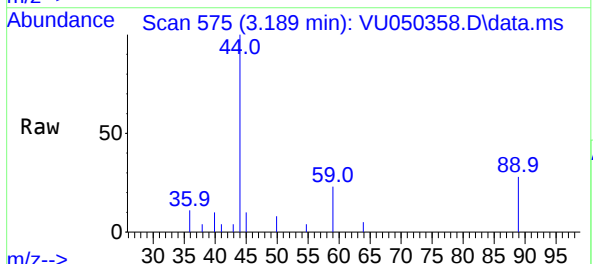
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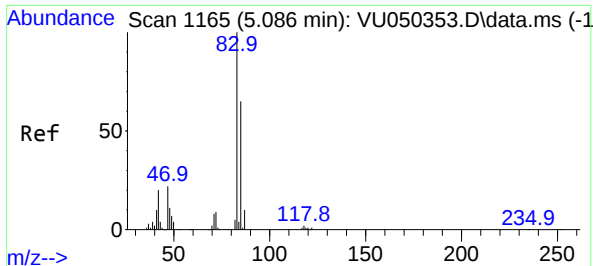
Tgt Ion: 43 Resp: 575
Ion Ratio Lower Upper
43 100
57 0.0 0.0 18.0



#24
tert-Butyl Alcohol
Concen: 1.293 ug/l
RT: 3.189 min Scan# 575
Delta R.T. -0.035 min
Lab File: VU050358.D
Acq: 17 Aug 2022 17:07

Tgt Ion: 59 Resp: 1378
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#





#27

Chloroform

Concen: 0.018 ug/l

RT: 5.083 min Scan# 1164

Delta R.T. -0.003 min

Lab File: VU050358.D

Acq: 17 Aug 2022 17:07

Instrument :

MSVOA_U

ClientSampleId :

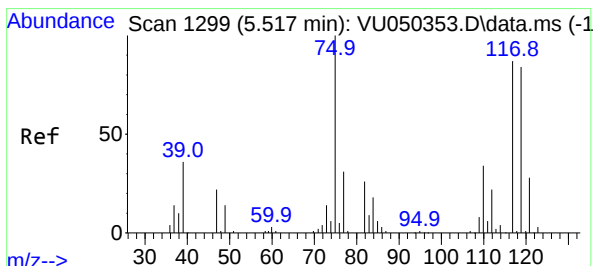
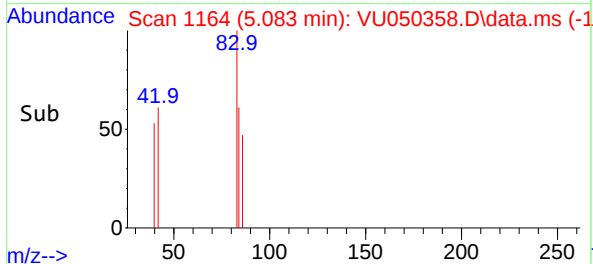
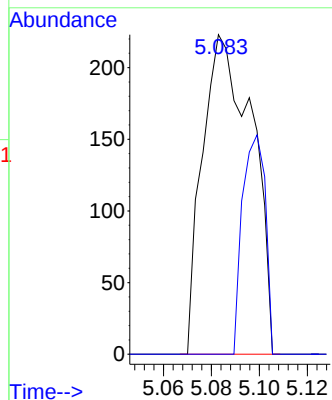
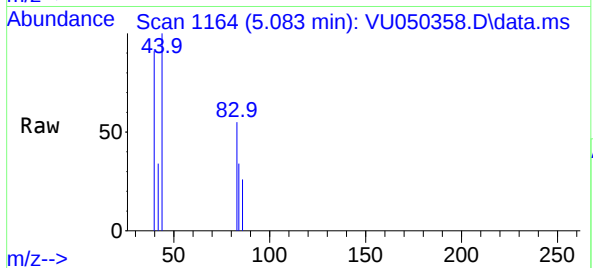
VU0817WBL01

Tgt Ion: 83 Resp: 319

Ion Ratio Lower Upper

83 100

85 0.0 0.0 133.6



#29

1,1-Dichloropropene

Concen: 0.008 ug/l

RT: 5.527 min Scan# 1302

Delta R.T. 0.010 min

Lab File: VU050358.D

Acq: 17 Aug 2022 17:07

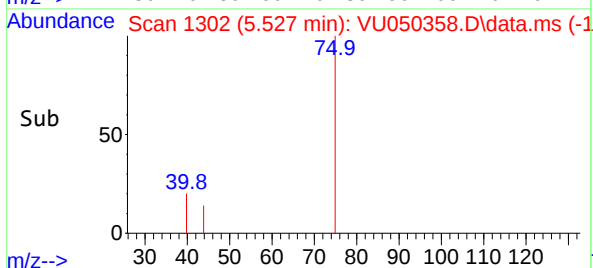
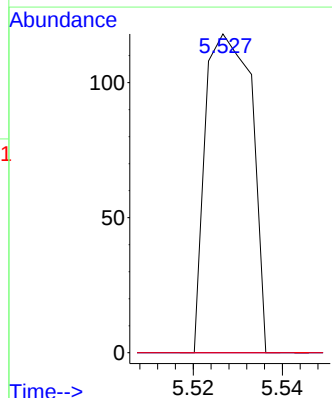
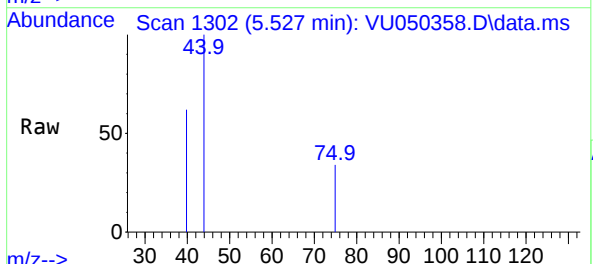
Tgt Ion: 75 Resp: 85

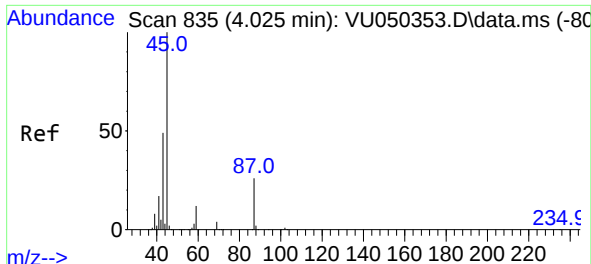
Ion Ratio Lower Upper

75 100

110 0.0 17.3 52.0#

77 0.0 24.6 37.0#

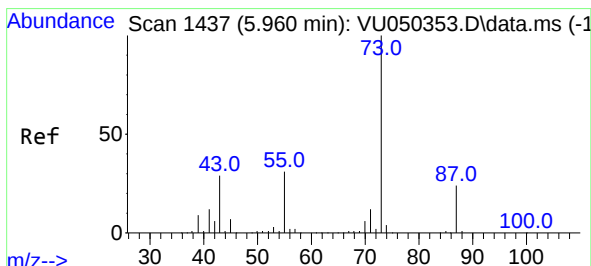
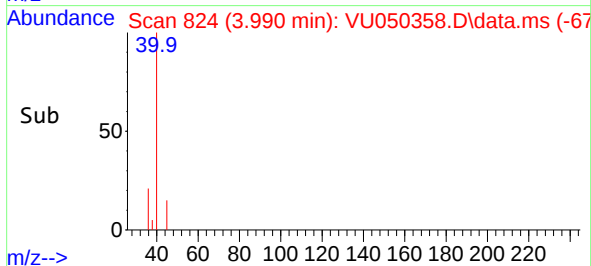
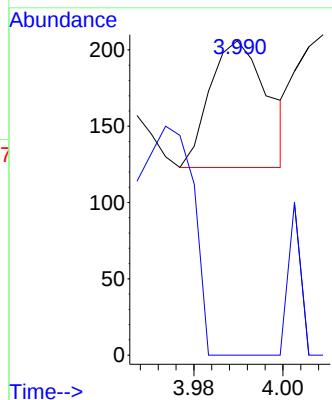
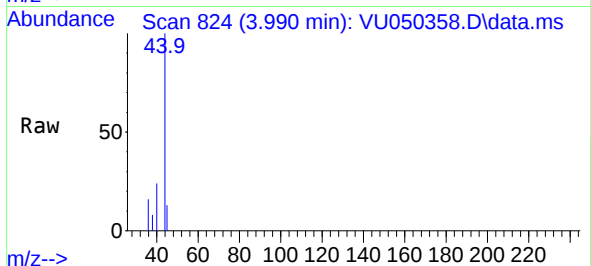




#31
Isopropyl Ether
Concen: 0.003 ug/l
RT: 3.990 min Scan# 81
Delta R.T. -0.035 min
Lab File: VU050358.D
Acq: 17 Aug 2022 17:07

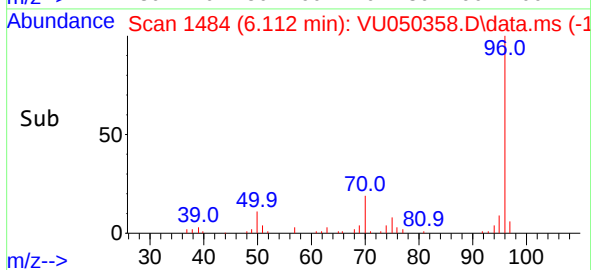
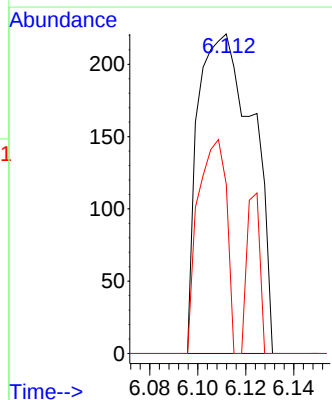
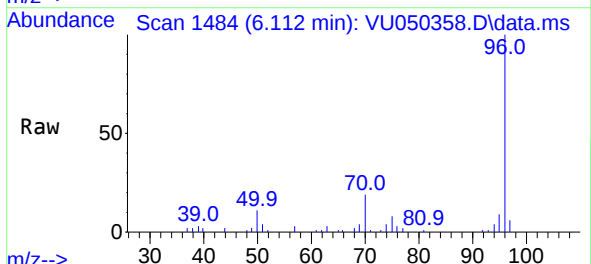
Instrument :
MSVOA_U
ClientSampleId :
VU0817WBL01

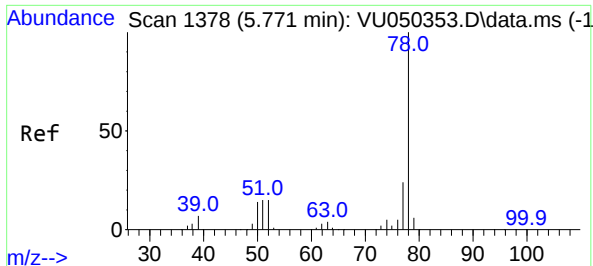
Tgt Ion: 45 Resp: 74
Ion Ratio Lower Upper
45 100
43 25.7 23.8 71.2



#33
Tert-Amyl methyl ether
Concen: 0.023 ug/l
RT: 6.112 min Scan# 1484
Delta R.T. 0.151 min
Lab File: VU050358.D
Acq: 17 Aug 2022 17:07

Tgt Ion: 73 Resp: 350
Ion Ratio Lower Upper
73 100
87 0.0 19.7 29.5#
71 34.9 9.0 13.4#

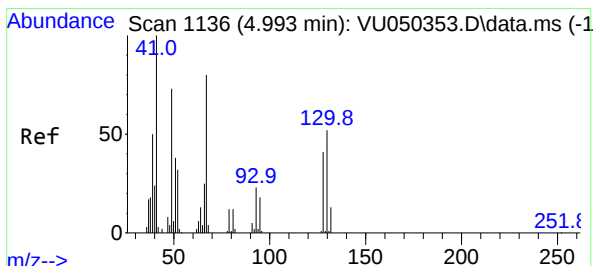
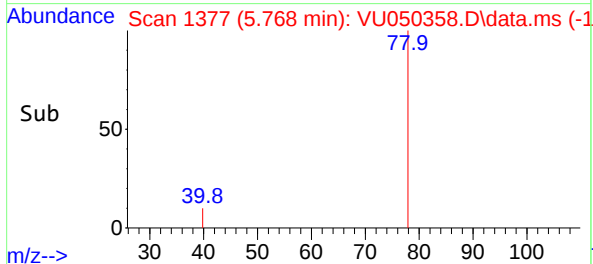
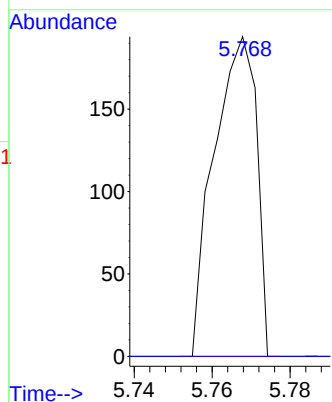
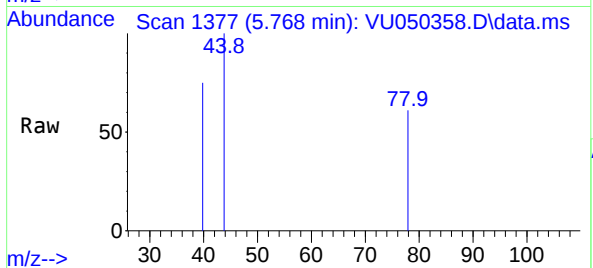




#35
Benzene
Concen: 0.004 ug/l
RT: 5.768 min Scan# 1162
Delta R.T. -0.003 min
Lab File: VU050358.D
Acq: 17 Aug 2022 17:07

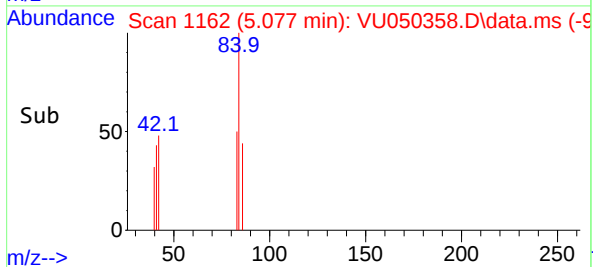
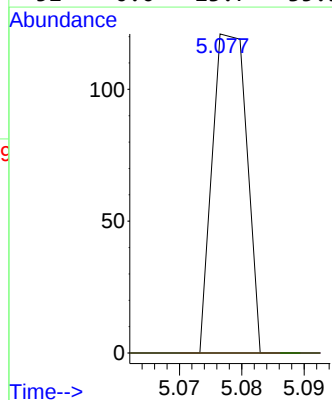
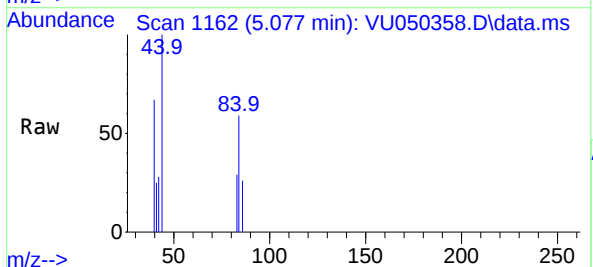
Instrument :
MSVOA_U
ClientSampleId :
VU0817WBL01

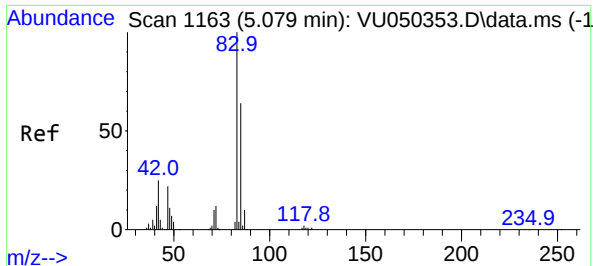
Tgt Ion: 78 Resp: 147
Ion Ratio Lower Upper
78 100
77 0.0 18.6 28.0#



#39
Methacrylonitrile
Concen: 0.014 ug/l
RT: 5.077 min Scan# 1162
Delta R.T. 0.084 min
Lab File: VU050358.D
Acq: 17 Aug 2022 17:07

Tgt Ion: 41 Resp: 46
Ion Ratio Lower Upper
41 100
67 0.0 59.4 89.0#
39 0.0 42.2 63.2#
52 0.0 23.7 35.5#





#41

Tetrahydrofuran

Concen: 0.059 ug/l

RT: 5.073 min Scan# 1161

Delta R.T. -0.006 min

Lab File: VU050358.D

Acq: 17 Aug 2022 17:07

Instrument :

MSVOA_U

ClientSampleId :

VU0817WBL01

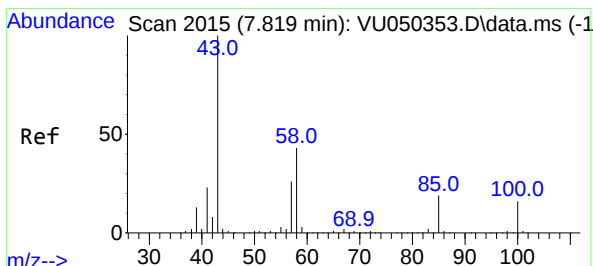
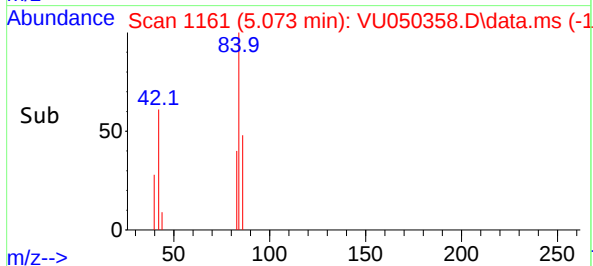
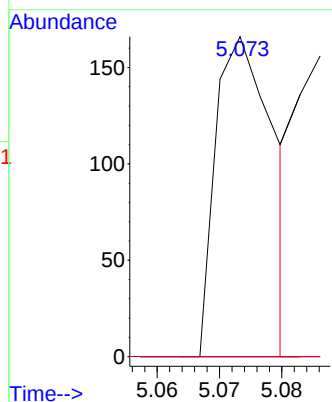
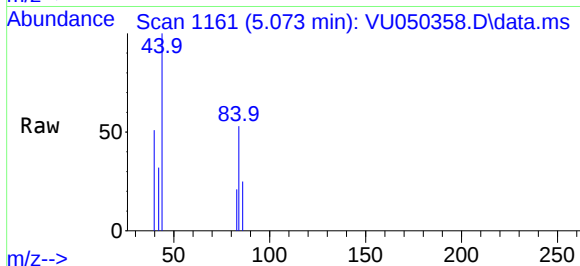
Tgt Ion: 42 Resp: 107

Ion Ratio Lower Upper

42 100

72 0.0 38.9 58.3#

71 0.0 33.7 50.5#



#45

4-Methyl-2-Pentanone

Concen: 0.071 ug/l

RT: 7.816 min Scan# 2014

Delta R.T. -0.003 min

Lab File: VU050358.D

Acq: 17 Aug 2022 17:07

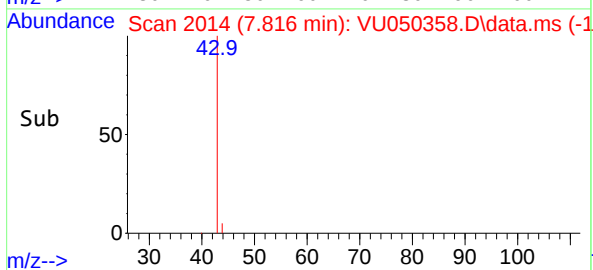
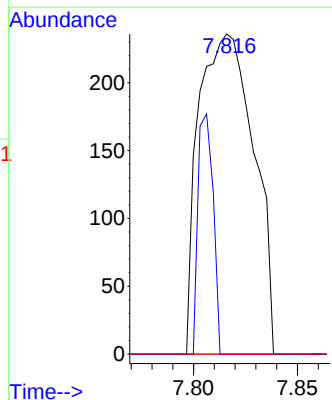
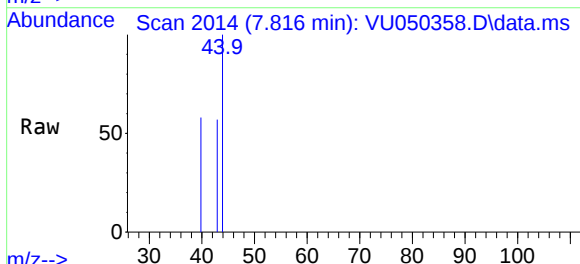
Tgt Ion: 43 Resp: 434

Ion Ratio Lower Upper

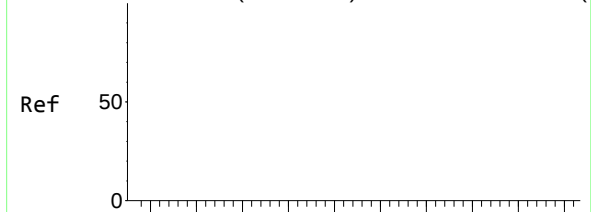
43 100

58 20.5 20.3 61.0

85 0.0 14.6 21.8#

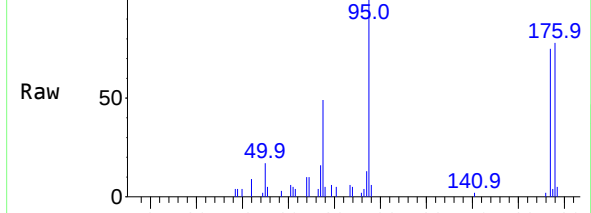


Abundance Scan 2953 (10.835 min): VU050353.D\data.ms (-1)



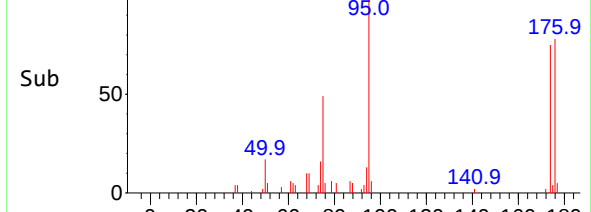
m/z-->

Abundance Scan 2891 (10.636 min): VU050358.D\data.ms (-1)



m/z-->

Abundance Scan 2891 (10.636 min): VU050358.D\data.ms (-1)



m/z-->

#46

t-1,4-Dichloro-2-butene

Concen: 2.111 ug/l

RT: 10.636 min Scan# 2891

Delta R.T. -0.199 min

Lab File: VU050358.D

Acq: 17 Aug 2022 17:07

Instrument :

MSVOA_U

ClientSampleId :

VU0817WBL01

Tgt Ion: 75 Resp: 4247

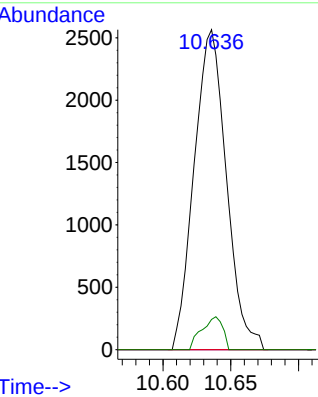
Ion Ratio Lower Upper

75 100

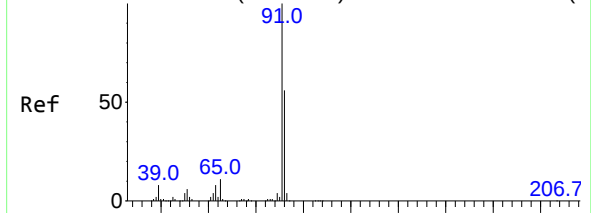
53 0.0 64.4 96.6#

89 0.0 44.2 66.2#

88 6.7 32.8 49.2#

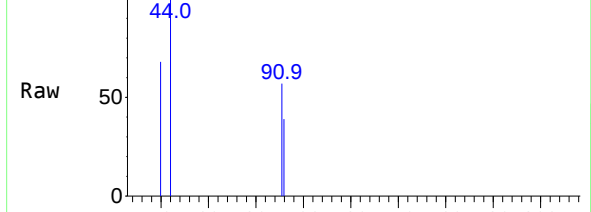


Abundance Scan 2067 (7.986 min): VU050353.D\data.ms (-2)



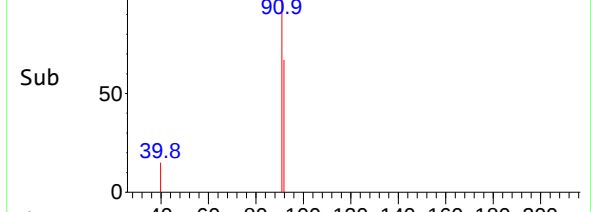
m/z-->

Abundance Scan 2061 (7.967 min): VU050358.D\data.ms (-1)



m/z-->

Abundance Scan 2061 (7.967 min): VU050358.D\data.ms (-1)



m/z-->

#49

Toluene

Concen: 0.009 ug/l

RT: 7.967 min Scan# 2061

Delta R.T. -0.019 min

Lab File: VU050358.D

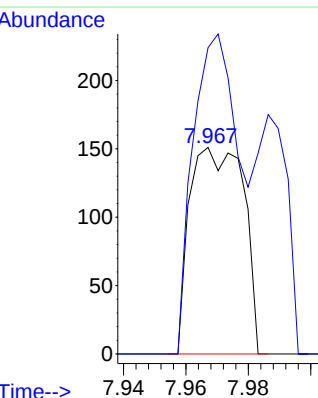
Acq: 17 Aug 2022 17:07

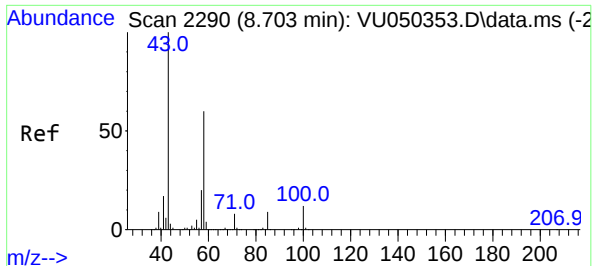
Tgt Ion: 92 Resp: 180

Ion Ratio Lower Upper

92 100

91 132.2 138.6 207.8#

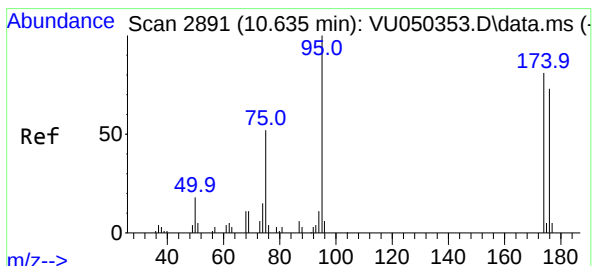
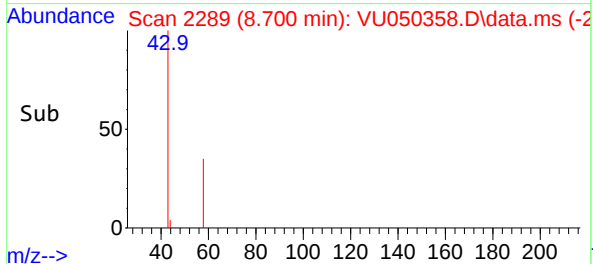
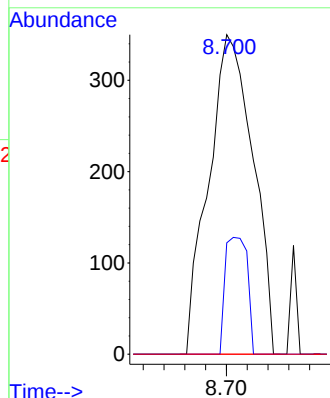
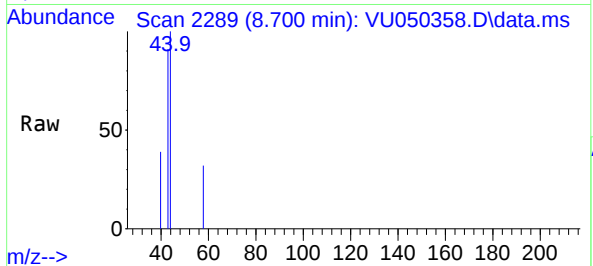




#54
2-Hexanone
Concen: 0.125 ug/l
RT: 8.700 min Scan# 219
Delta R.T. -0.003 min
Lab File: VU050358.D
Acq: 17 Aug 2022 17:07

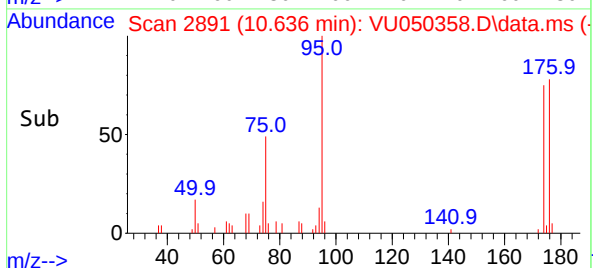
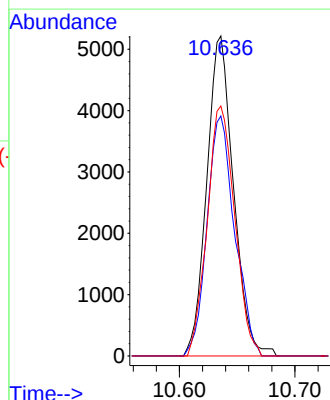
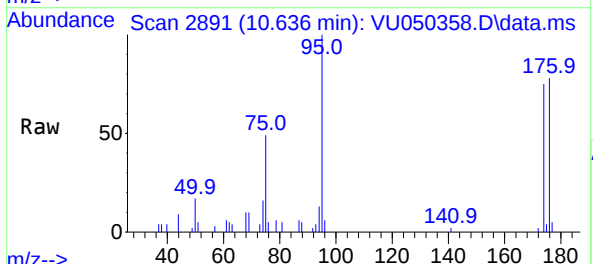
Instrument :
MSVOA_U
ClientSampleId :
VU0817WBL01

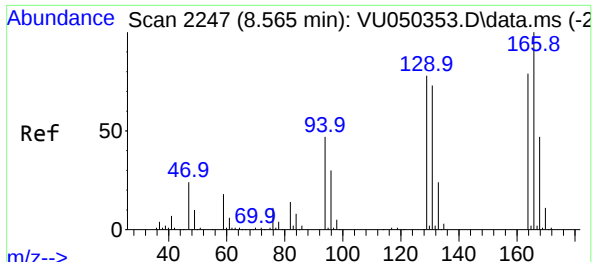
Tgt Ion:	43	Resp:	519
Ion	Ratio	Lower	Upper
43	100		
58	18.3	37.1	77.1#
57	0.0	0.0	39.5



#57
4-Bromofluorobenzene
Concen: 0.801 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.000 min
Lab File: VU050358.D
Acq: 17 Aug 2022 17:07

Tgt Ion:	95	Resp:	8383
Ion	Ratio	Lower	Upper
95	100		
174	77.6	62.4	93.6
176	80.4	56.2	84.2

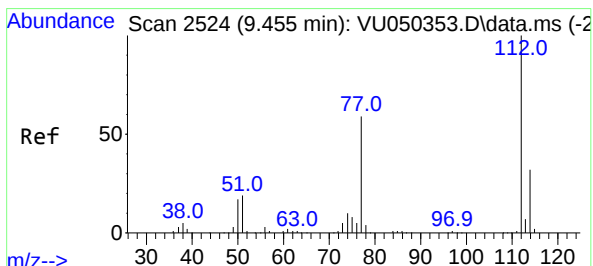
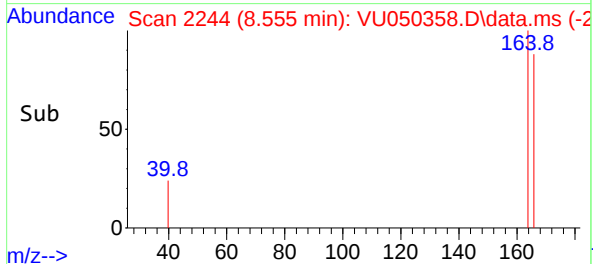
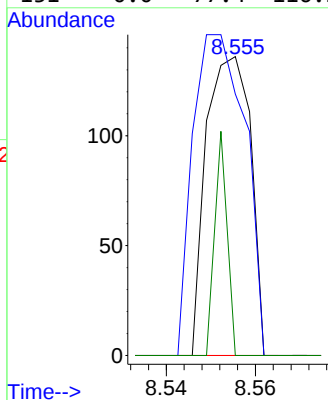
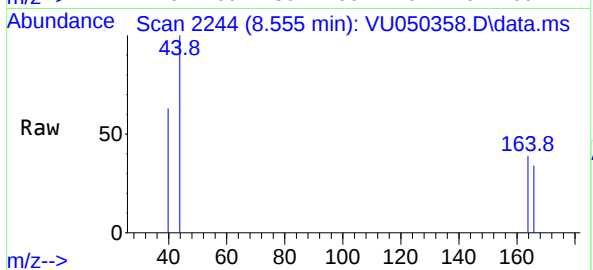




#58
Tetrachloroethene
Concen: 0.011 ug/l
RT: 8.555 min Scan# 21
Delta R.T. -0.009 min
Lab File: VU050358.D
Acq: 17 Aug 2022 17:07

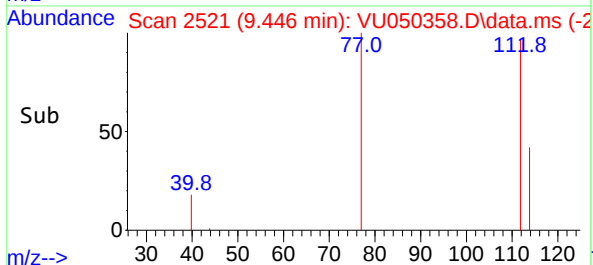
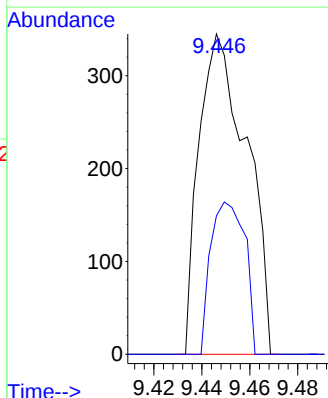
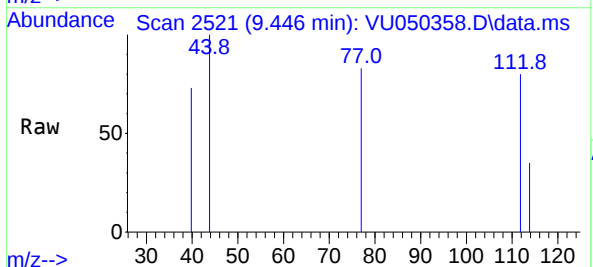
Instrument :
MSVOA_U
ClientSampleId :
VU0817WBL01

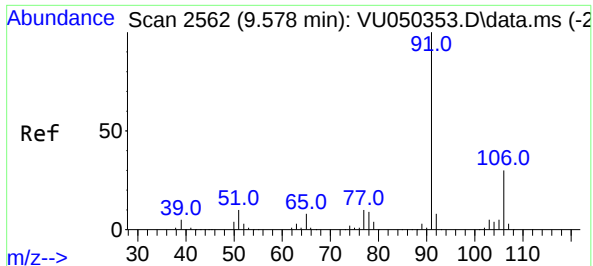
Tgt Ion:164	Resp:	94
Ion	Ratio	Lower Upper
164	100	
166	87.5	102.4 153.6#
129	0.0	79.5 119.3#
131	0.0	77.4 116.2#



#59
Chlorobenzene
Concen: 0.021 ug/l
RT: 9.446 min Scan# 2521
Delta R.T. -0.009 min
Lab File: VU050358.D
Acq: 17 Aug 2022 17:07

Tgt Ion:112	Resp:	474
Ion	Ratio	Lower Upper
112	100	
114	43.2	24.9 37.3#





#63

Ethyl Benzene

Concen: 0.451 ug/l

RT: 9.572 min Scan# 21

Delta R.T. -0.006 min

Lab File: VU050358.D

Acq: 17 Aug 2022 17:07

Instrument :

MSVOA_U

ClientSampleId :

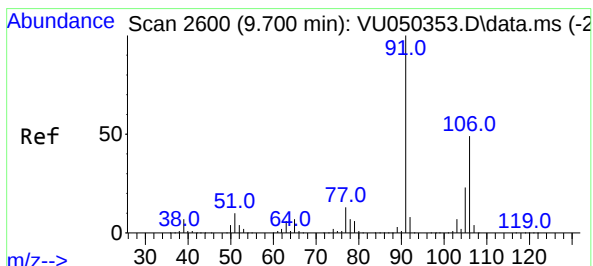
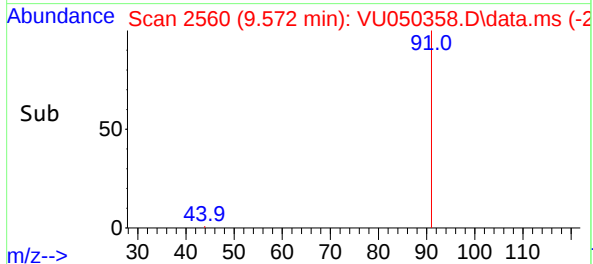
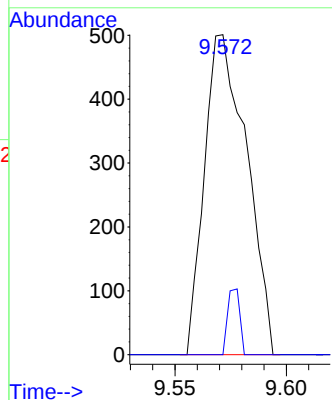
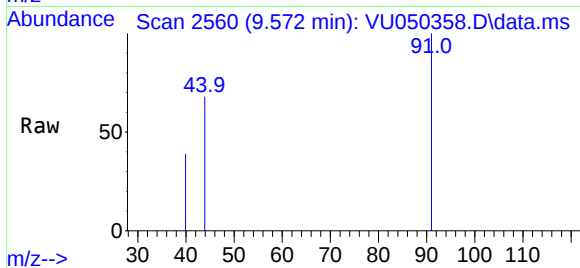
VU0817WBL01

Tgt Ion: 91 Resp: 660

Ion Ratio Lower Upper

91 100

106 0.0 24.4 36.6#



#64

m/p-Xylenes

Concen: 0.830 ug/l

RT: 9.700 min Scan# 2600

Delta R.T. 0.000 min

Lab File: VU050358.D

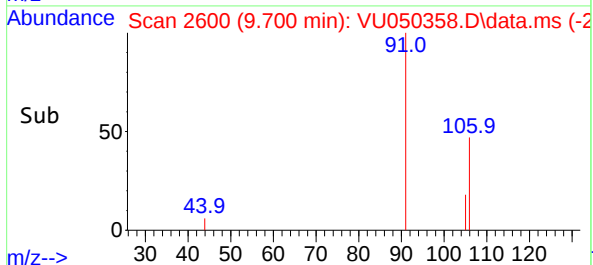
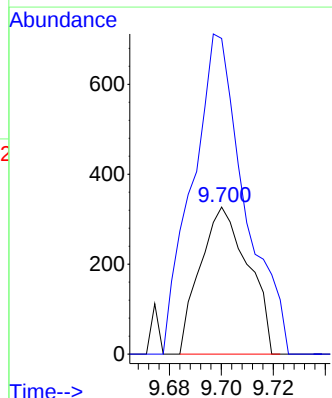
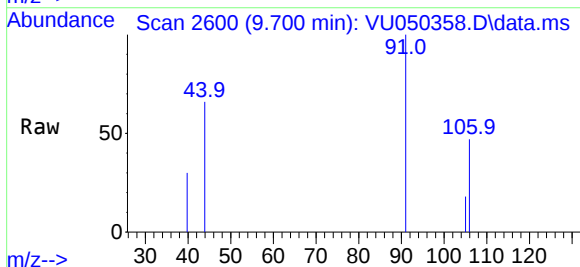
Acq: 17 Aug 2022 17:07

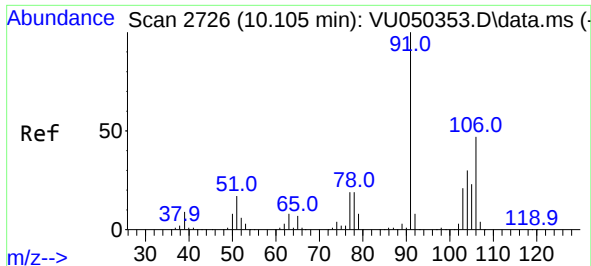
Tgt Ion:106 Resp: 421

Ion Ratio Lower Upper

106 100

91 237.1 167.8 251.6

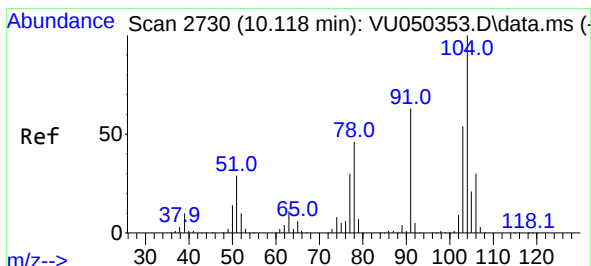
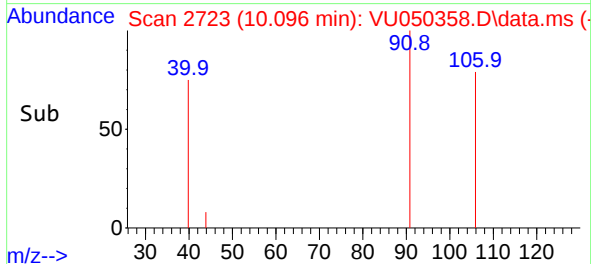
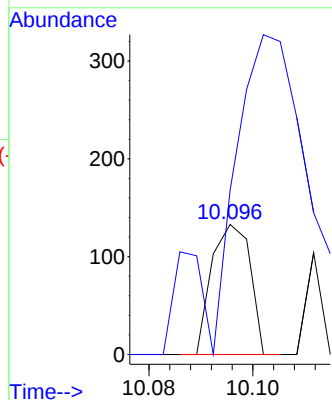
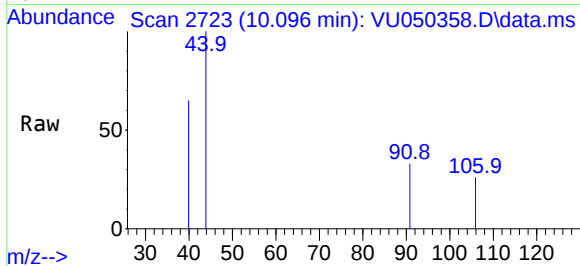




#65
o-Xylene
Concen: 0.359 ug/l
RT: 10.096 min Scan# 21
Delta R.T. -0.009 min
Lab File: VU050358.D
Acq: 17 Aug 2022 17:07

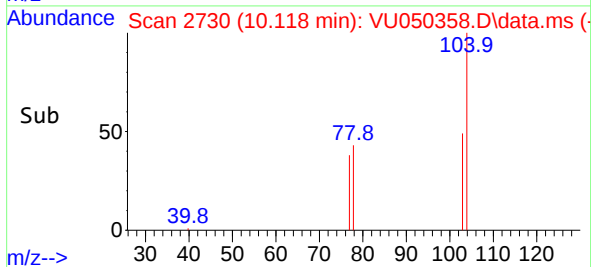
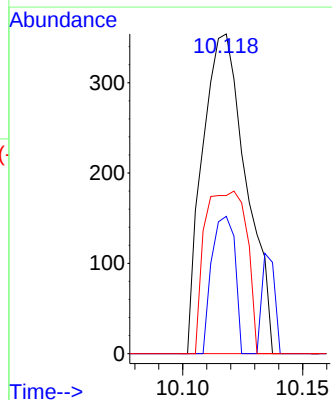
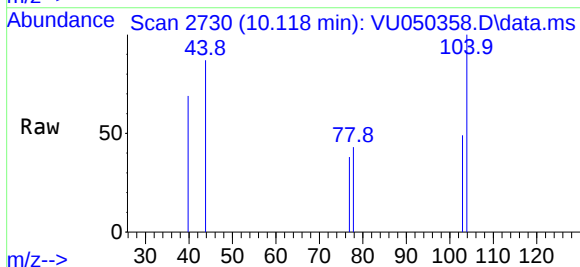
Instrument :
MSVOA_U
ClientSampleId :
VU0817WBL01

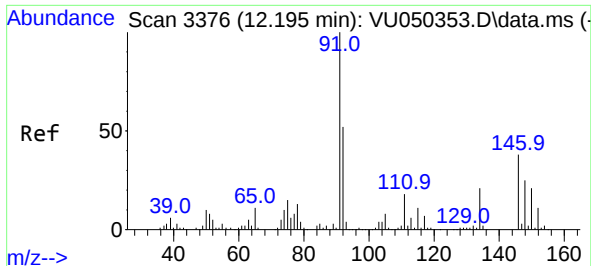
Tgt Ion:106 Resp: 68
Ion Ratio Lower Upper
106 100
91 505.9 111.1 333.2#



#66
Styrene
Concen: 0.481 ug/l
RT: 10.118 min Scan# 2730
Delta R.T. 0.000 min
Lab File: VU050358.D
Acq: 17 Aug 2022 17:07

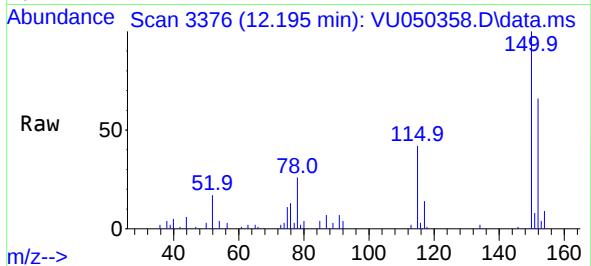
Tgt Ion:104 Resp: 449
Ion Ratio Lower Upper
104 100
78 22.7 42.1 63.1#
103 48.3 44.5 66.7



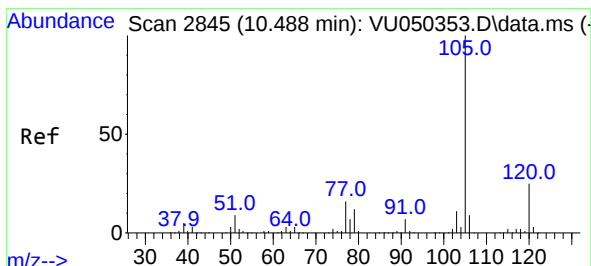
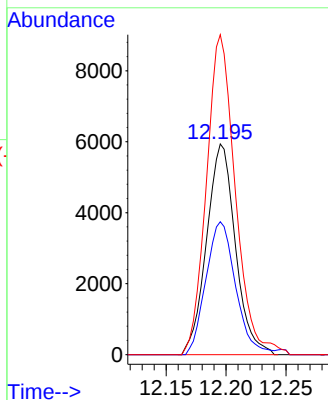
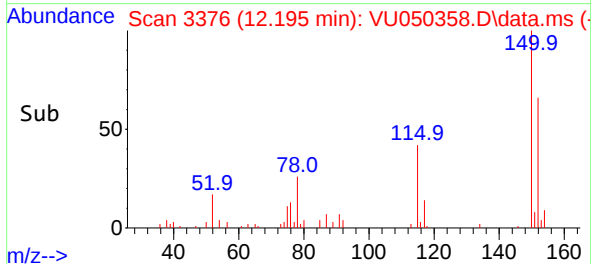


#68
1,2-Dichlorobenzene-d4
Concen: 0.799 ug/l
RT: 12.195 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU050358.D
Acq: 17 Aug 2022 17:07

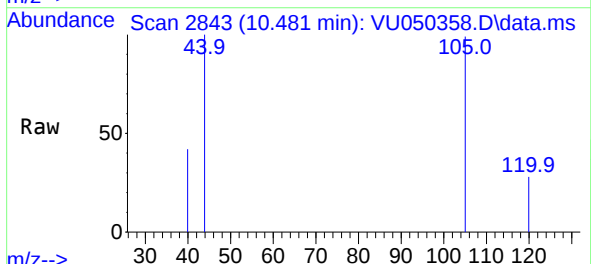
Instrument :
MSVOA_U
ClientSampleId :
VU0817WBL01



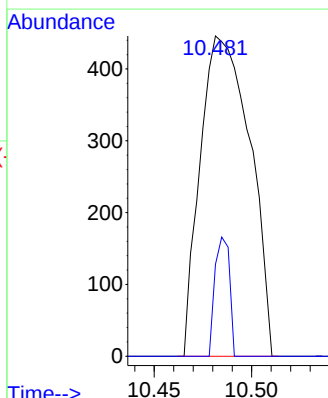
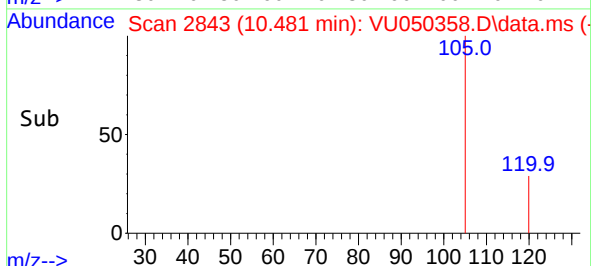
Tgt Ion:152 Resp: 9931
Ion Ratio Lower Upper
152 100
115 65.0 0.0 254.6
150 152.2 0.0 623.6

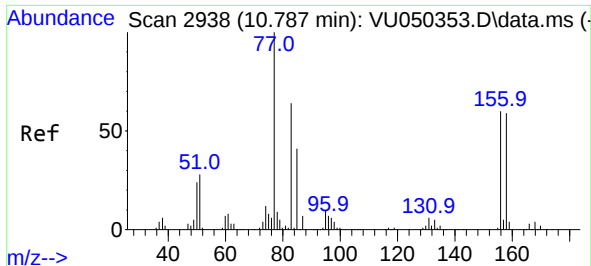


#69
Isopropylbenzene
Concen: 0.465 ug/l
RT: 10.481 min Scan# 2843
Delta R.T. -0.007 min
Lab File: VU050358.D
Acq: 17 Aug 2022 17:07



Tgt Ion:105 Resp: 789
Ion Ratio Lower Upper
105 100
120 10.9 12.6 37.8#

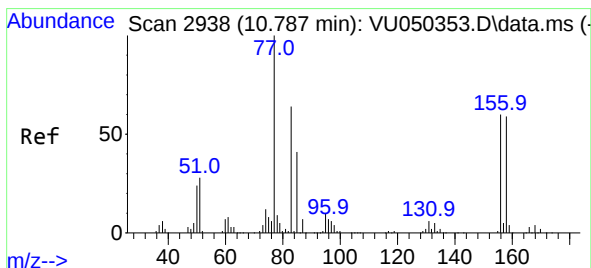
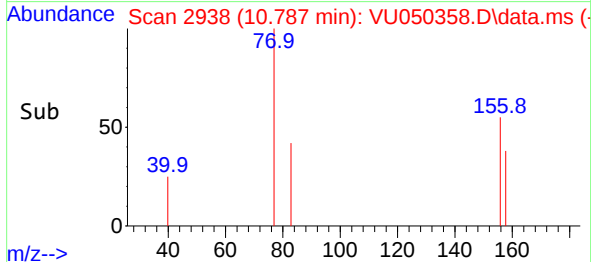
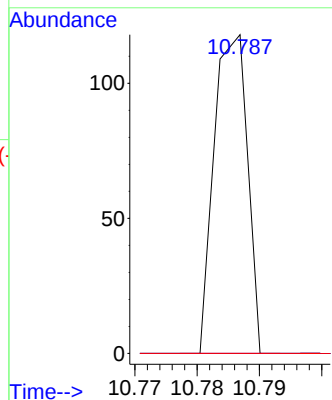
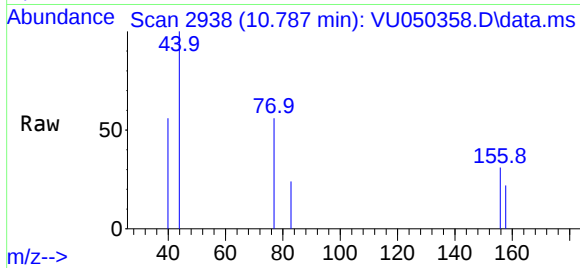




#70
1,1,2,2-Tetrachloroethane
Concen: 0.004 ug/l
RT: 10.787 min Scan# 2938
Delta R.T. 0.000 min
Lab File: VU050358.D
Acq: 17 Aug 2022 17:07

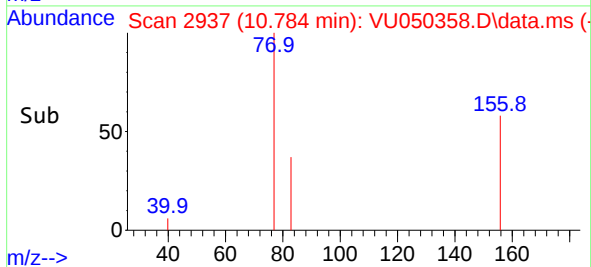
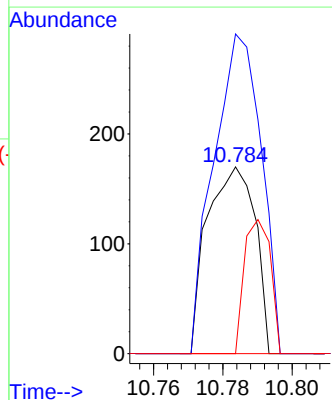
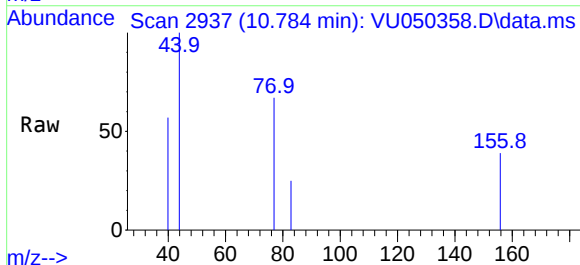
Instrument :
MSVOA_U
ClientSampleId :
VU0817WBL01

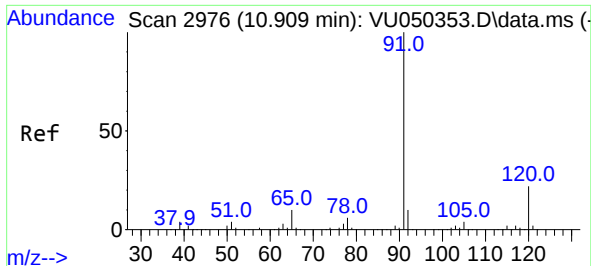
Tgt Ion: 83 Resp: 44
Ion Ratio Lower Upper
83 100
131 0.0 7.7 11.5#
85 0.0 51.2 76.8#



#72
Bromobenzene
Concen: 0.018 ug/l
RT: 10.784 min Scan# 2937
Delta R.T. -0.003 min
Lab File: VU050358.D
Acq: 17 Aug 2022 17:07

Tgt Ion: 156 Resp: 163
Ion Ratio Lower Upper
156 100
77 169.9 0.0 344.4
158 39.3 0.0 192.2

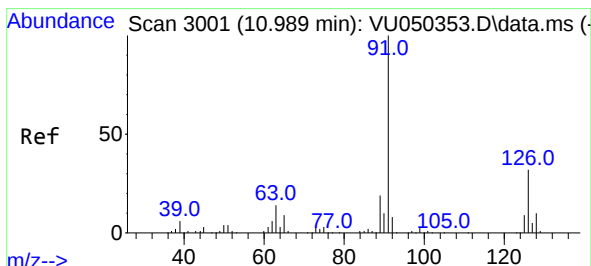
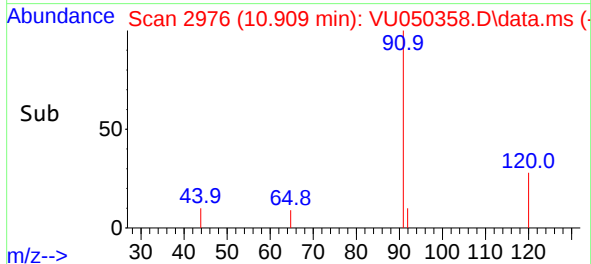
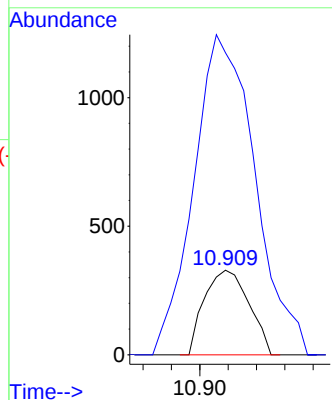
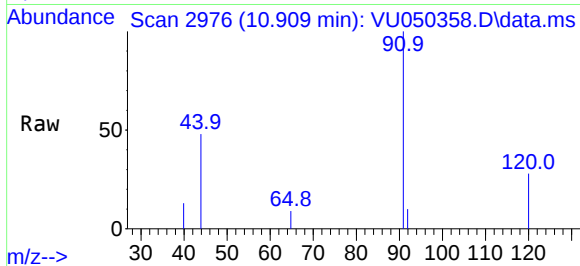




#73
n-propylbenzene
Concen: 0.538 ug/l
RT: 10.909 min Scan# 2976
Delta R.T. 0.000 min
Lab File: VU050358.D
Acq: 17 Aug 2022 17:07

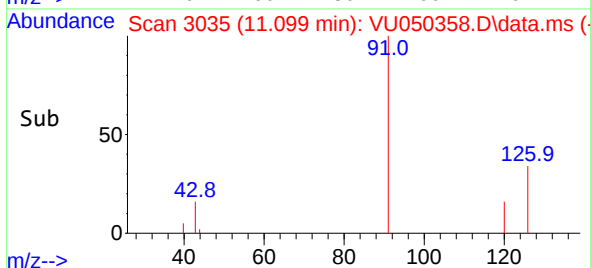
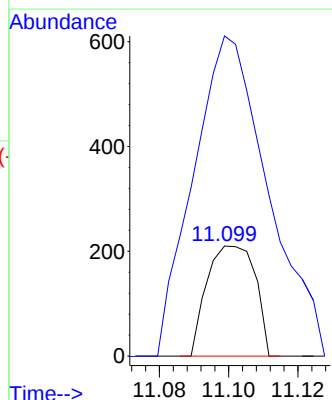
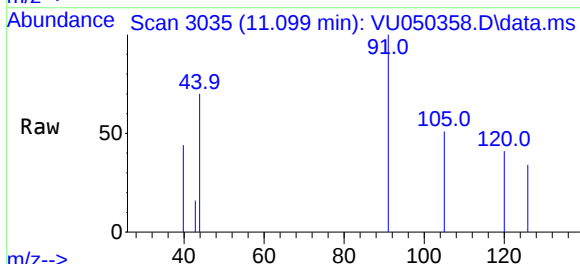
Instrument :
MSVOA_U
ClientSampleId :
VU0817WBL01

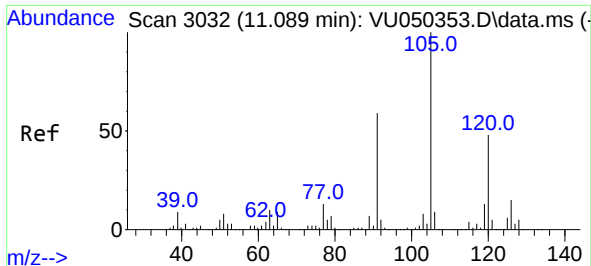
Tgt Ion:120 Resp: 359
Ion Ratio Lower Upper
120 100
91 520.6 367.8 551.6



#74
2-Chlorotoluene
Concen: 0.319 ug/l
RT: 11.099 min Scan# 3035
Delta R.T. 0.110 min
Lab File: VU050358.D
Acq: 17 Aug 2022 17:07

Tgt Ion:126 Resp: 204
Ion Ratio Lower Upper
126 100
91 447.5 0.0 620.6

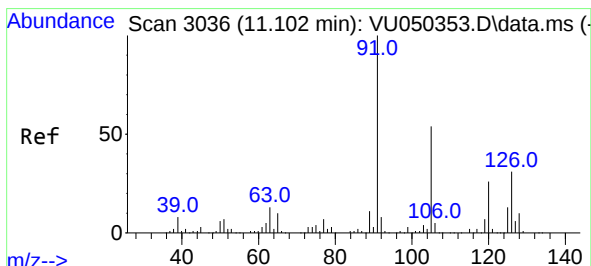
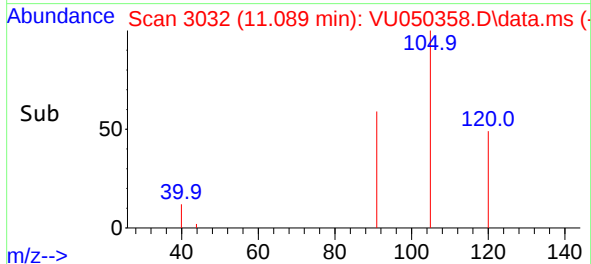
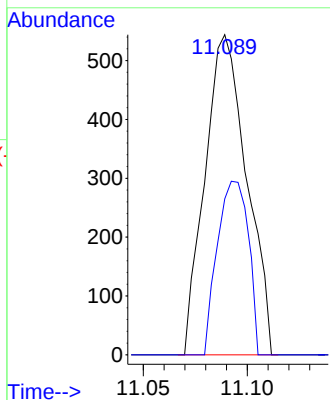
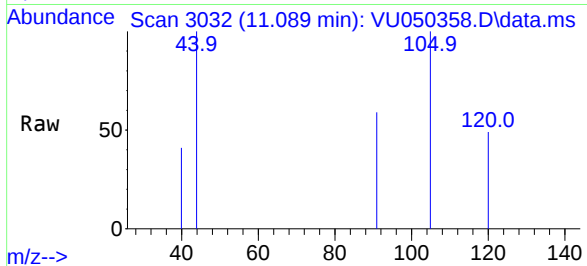




#75
1,3,5-Trimethylbenzene
Concen: 0.457 ug/l
RT: 11.089 min Scan# 3032
Delta R.T. 0.000 min
Lab File: VU050358.D
Acq: 17 Aug 2022 17:07

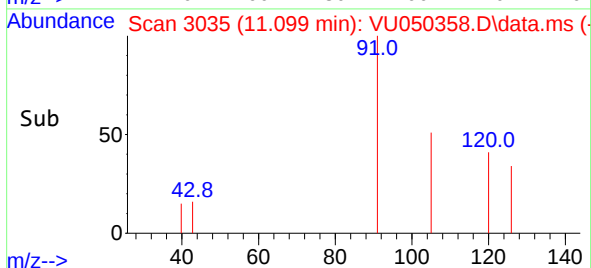
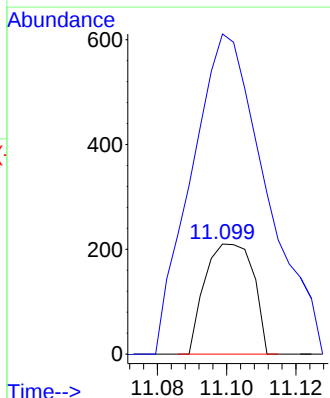
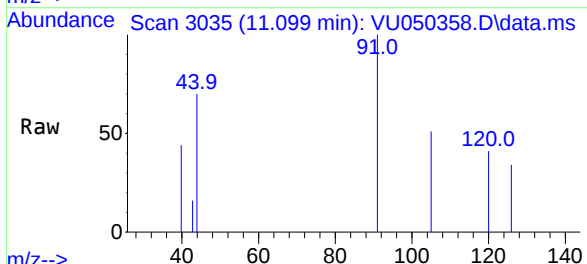
Instrument :
MSVOA_U
ClientSampleId :
VU0817WBL01

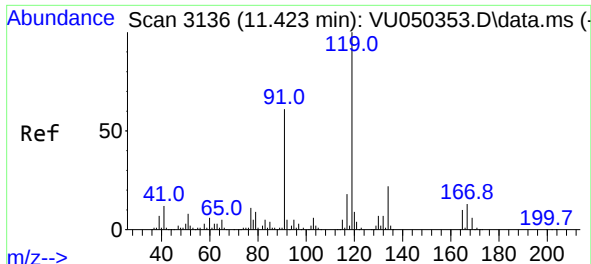
Tgt Ion:105 Resp: 760
Ion Ratio Lower Upper
105 100
120 40.1 37.6 56.4



#76
4-Chlorotoluene
Concen: 0.023 ug/l
RT: 11.099 min Scan# 3035
Delta R.T. -0.003 min
Lab File: VU050358.D
Acq: 17 Aug 2022 17:07

Tgt Ion:126 Resp: 204
Ion Ratio Lower Upper
126 100
91 447.5 0.0 738.8

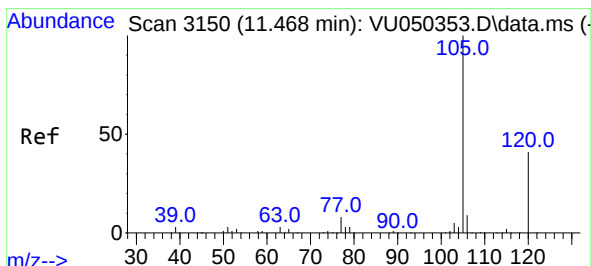
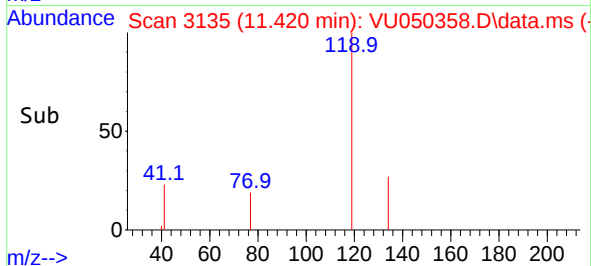
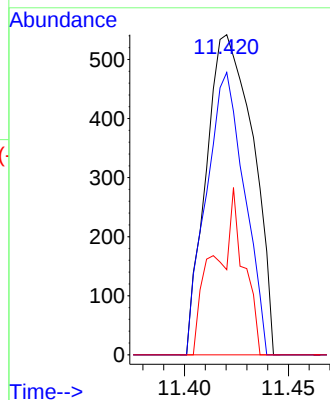
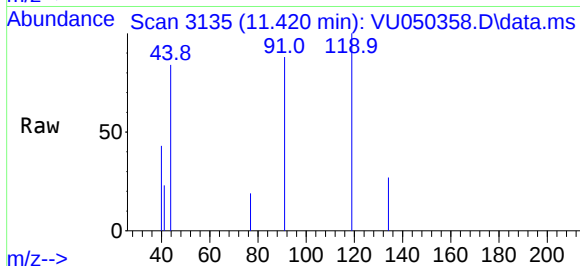




#77
tert-Butylbenzene
Concen: 0.402 ug/l
RT: 11.420 min Scan# 3136
Delta R.T. -0.003 min
Lab File: VU050358.D
Acq: 17 Aug 2022 17:07

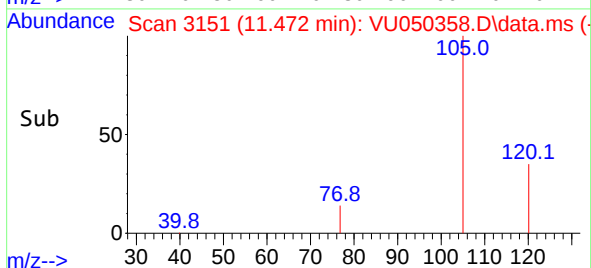
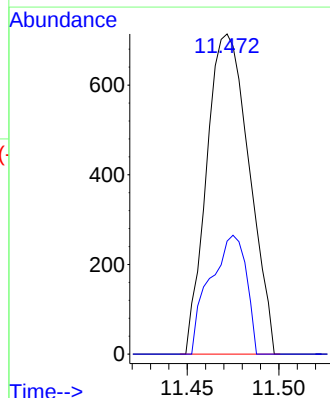
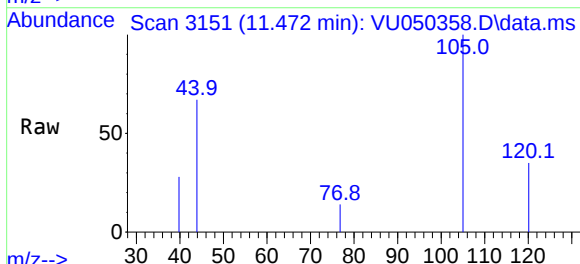
Instrument :
MSVOA_U
ClientSampleId :
VU0817WBL01

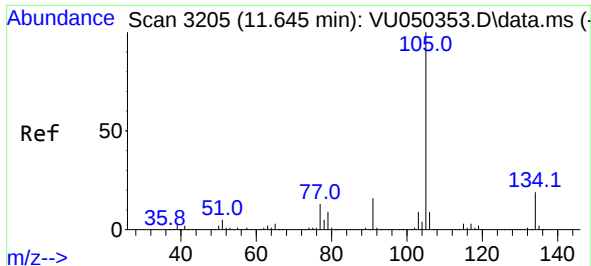
Tgt Ion:119	Resp:	850
Ion	Ratio	Lower Upper
119	100	
91	72.1	30.4 91.3
134	32.2	17.8 26.6#



#78
1,2,4-Trimethylbenzene
Concen: 0.398 ug/l
RT: 11.472 min Scan# 3151
Delta R.T. 0.004 min
Lab File: VU050358.D
Acq: 17 Aug 2022 17:07

Tgt Ion:105	Resp:	1152
Ion	Ratio	Lower Upper
105	100	
120	31.7	21.6 65.0

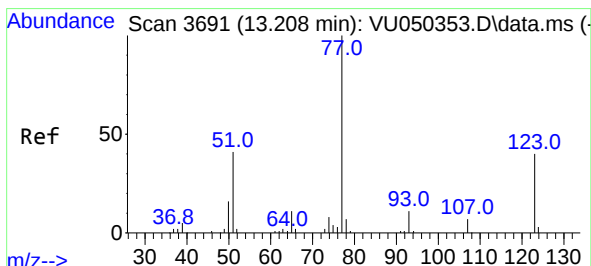
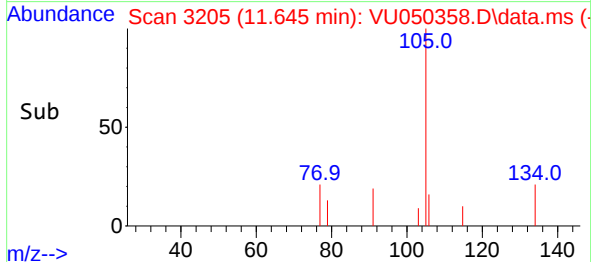
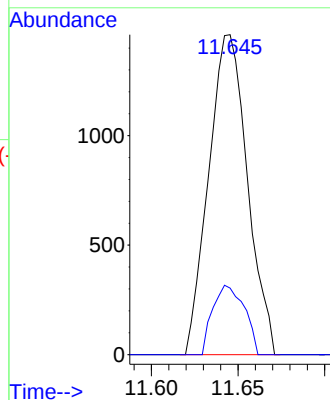
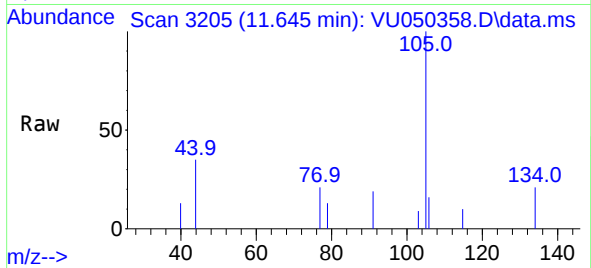




#79
 sec-Butylbenzene
 Concen: 0.477 ug/l
 RT: 11.645 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU050358.D
 Acq: 17 Aug 2022 17:07

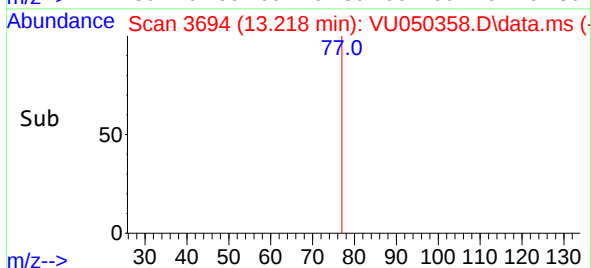
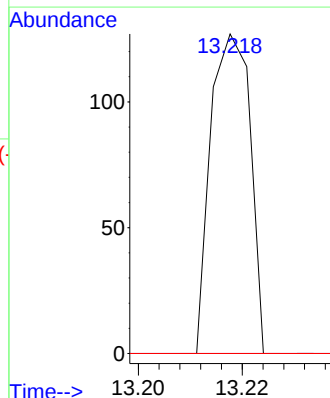
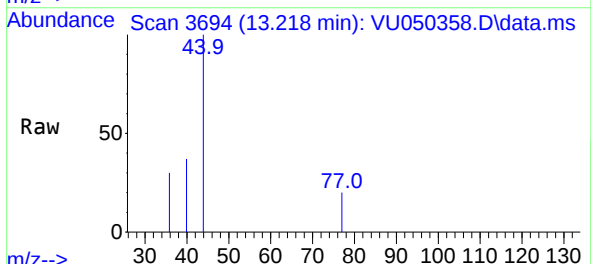
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0817WBL01

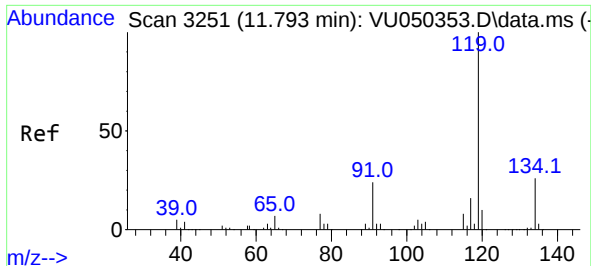
Tgt Ion:105 Resp: 2271
 Ion Ratio Lower Upper
 105 100
 134 17.7 15.4 23.0



#80
 Nitrobenzene
 Concen: 0.096 ug/l
 RT: 13.218 min Scan# 3694
 Delta R.T. 0.010 min
 Lab File: VU050358.D
 Acq: 17 Aug 2022 17:07

Tgt Ion: 77 Resp: 67
 Ion Ratio Lower Upper
 77 100
 123 0.0 18.1 64.3#
 65 0.0 10.8 13.8#

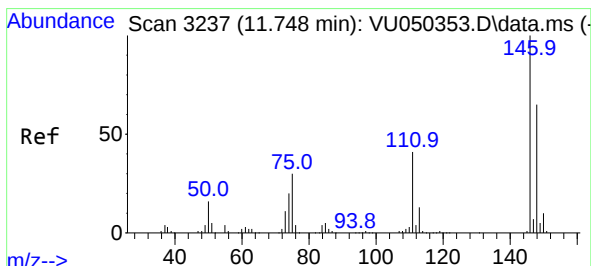
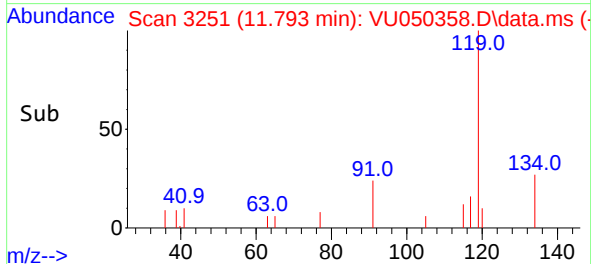
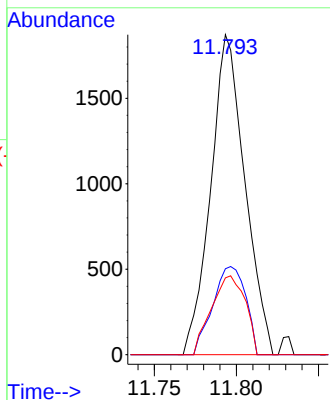
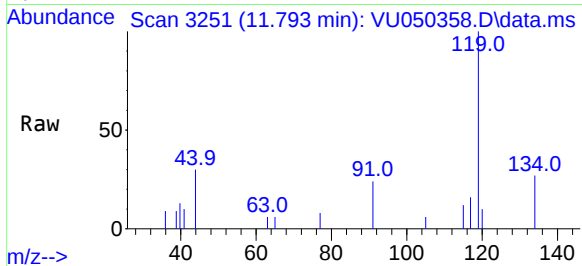




#81
p-Isopropyltoluene
Concen: 0.052 ug/l
RT: 11.793 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU050358.D
Acq: 17 Aug 2022 17:07

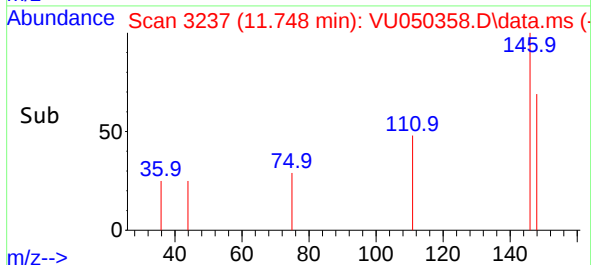
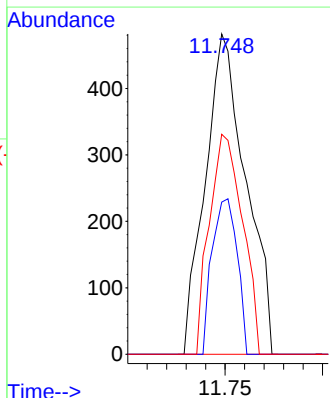
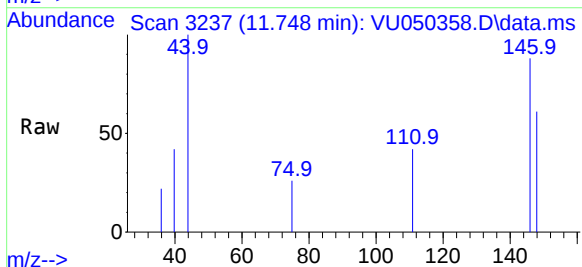
Instrument :
MSVOA_U
ClientSampleId :
VU0817WBL01

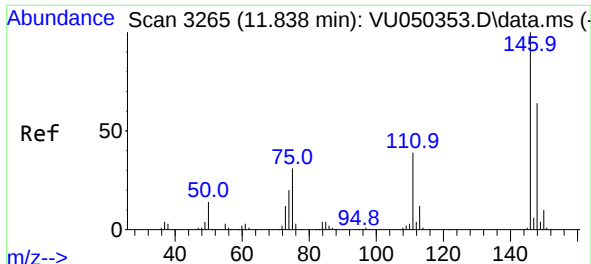
Tgt Ion:	119	Resp:	2706
Ion	Ratio	Lower	Upper
119	100		
134	26.6	20.5	30.7
91	24.4	19.8	29.6



#82
1,3-Dichlorobenzene
Concen: 0.036 ug/l
RT: 11.748 min Scan# 3237
Delta R.T. 0.000 min
Lab File: VU050358.D
Acq: 17 Aug 2022 17:07

Tgt Ion:	146	Resp:	698
Ion	Ratio	Lower	Upper
146	100		
111	29.9	33.4	50.2#
148	56.0	51.2	76.8

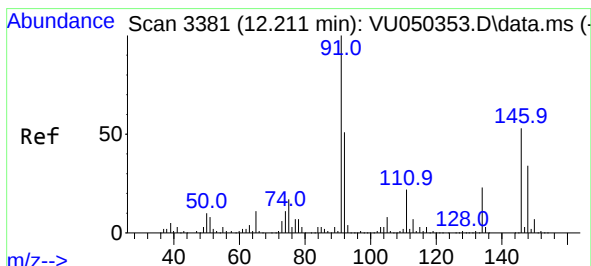
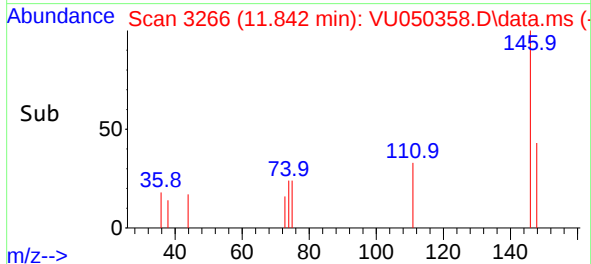
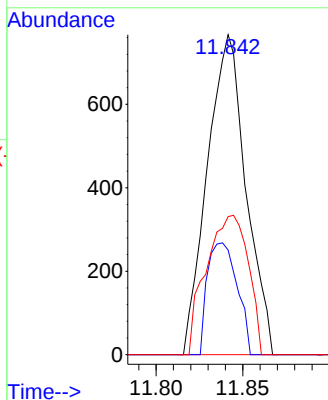
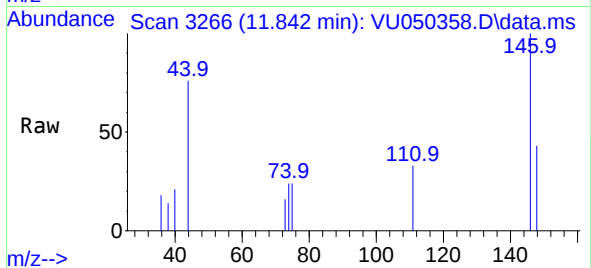




#83
1,4-Dichlorobenzene
Concen: 0.059 ug/l
RT: 11.842 min Scan# 31
Delta R.T. 0.004 min
Lab File: VU050358.D
Acq: 17 Aug 2022 17:07

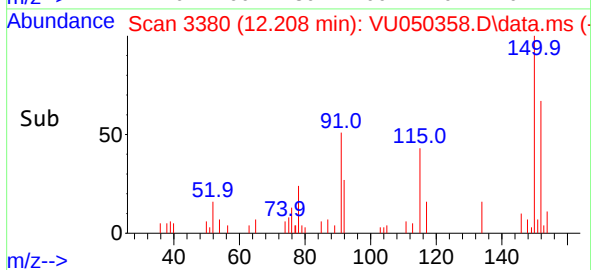
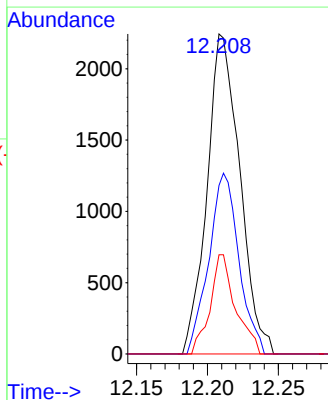
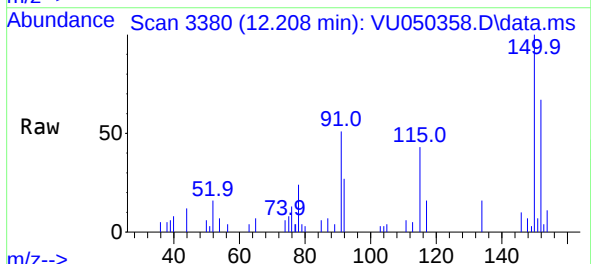
Instrument :
MSVOA_U
ClientSampleId :
VU0817WBL01

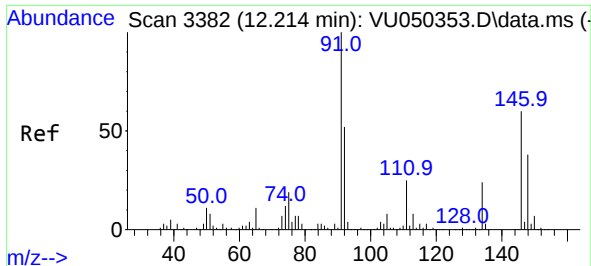
Tgt Ion:146 Resp: 1189
Ion Ratio Lower Upper
146 100
111 26.8 32.6 49.0#
148 47.4 51.6 77.4#



#84
n-Butylbenzene
Concen: 0.564 ug/l
RT: 12.208 min Scan# 3380
Delta R.T. -0.003 min
Lab File: VU050358.D
Acq: 17 Aug 2022 17:07

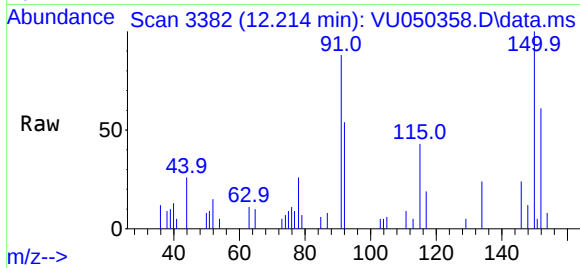
Tgt Ion: 91 Resp: 3608
Ion Ratio Lower Upper
91 100
92 51.9 42.3 63.5
134 24.1 19.6 29.4



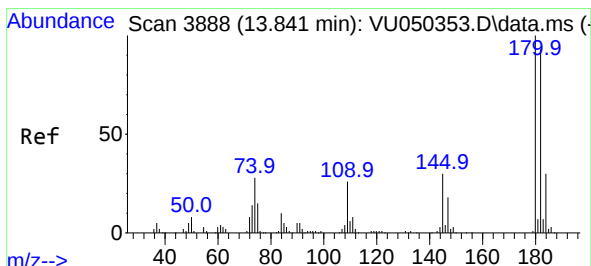
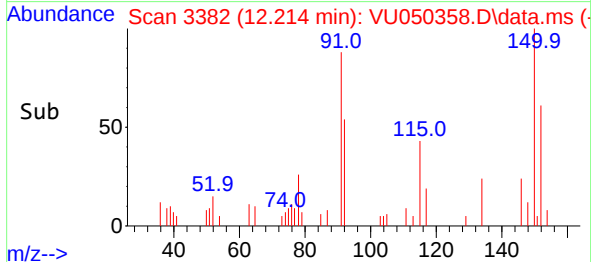
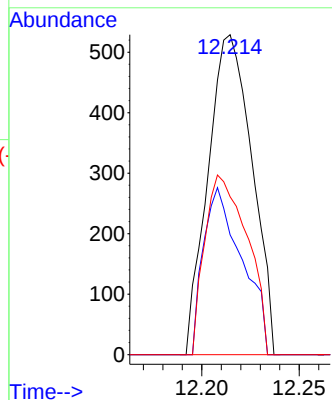


#85
1,2-Dichlorobenzene
Concen: 0.043 ug/l
RT: 12.214 min Scan# 311
Delta R.T. 0.000 min
Lab File: VU050358.D
Acq: 17 Aug 2022 17:07

Instrument :
MSVOA_U
ClientSampleId :
VU0817WBL01

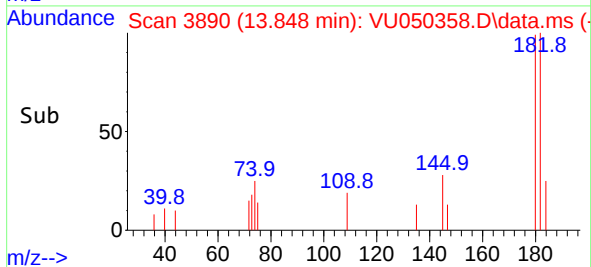
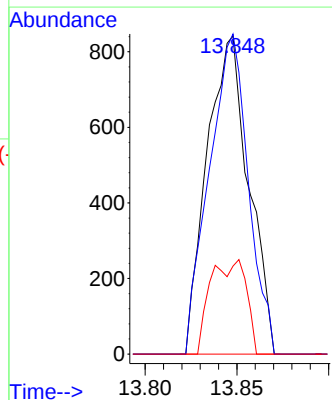
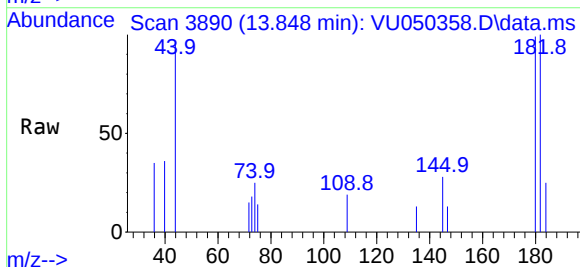


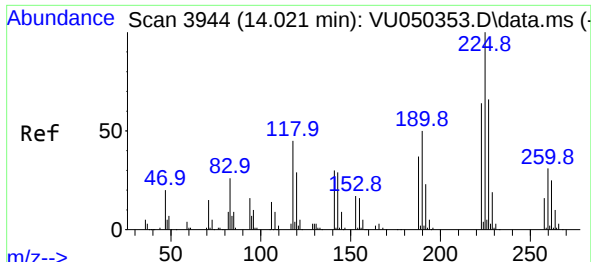
Tgt Ion:	146	Resp:	832
Ion	Ratio	Lower	Upper
146	100		
111	45.8	22.1	66.1
148	54.1	32.1	96.3



#87
1,2,4-Trichlorobenzene
Concen: 0.428 ug/l
RT: 13.848 min Scan# 3890
Delta R.T. 0.007 min
Lab File: VU050358.D
Acq: 17 Aug 2022 17:07

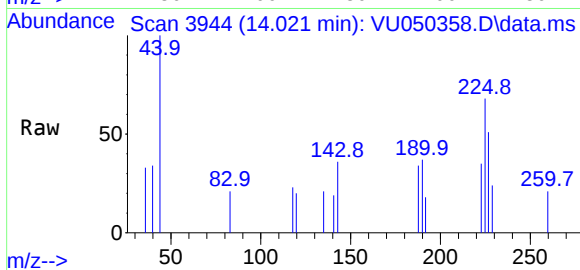
Tgt Ion:	180	Resp:	1329
Ion	Ratio	Lower	Upper
180	100		
182	94.3	77.0	115.6
145	14.0	25.7	38.5#



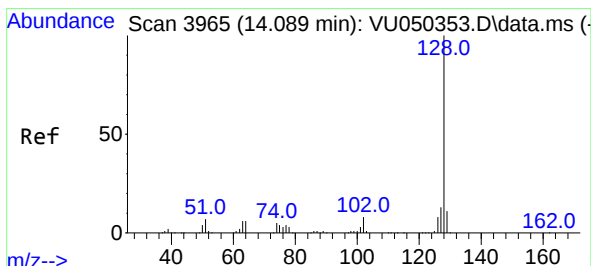
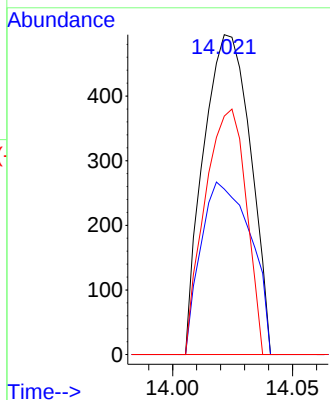
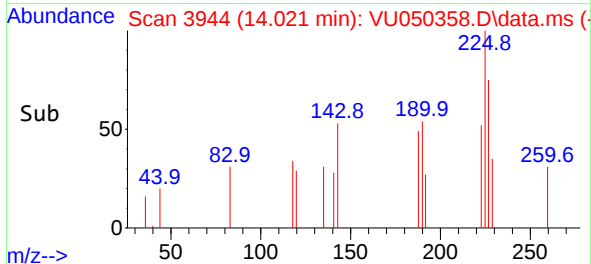


#88
Hexachlorobutadiene
Concen: 0.095 ug/l
RT: 14.021 min Scan# 3944
Delta R.T. 0.000 min
Lab File: VU050358.D
Acq: 17 Aug 2022 17:07

Instrument :
MSVOA_U
ClientSampleId :
VU0817WBL01

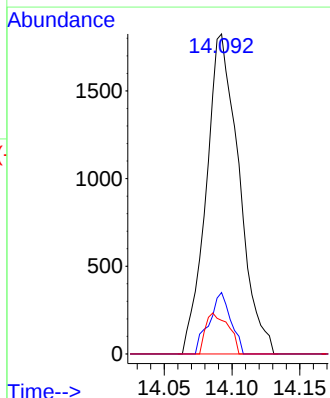
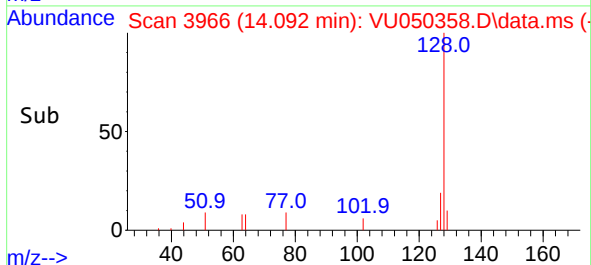
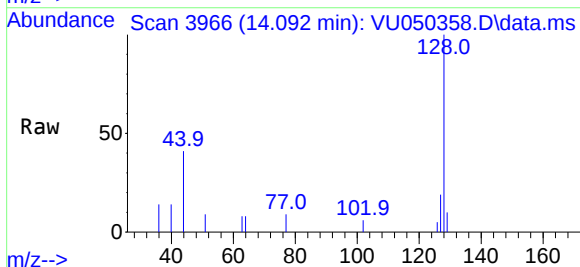


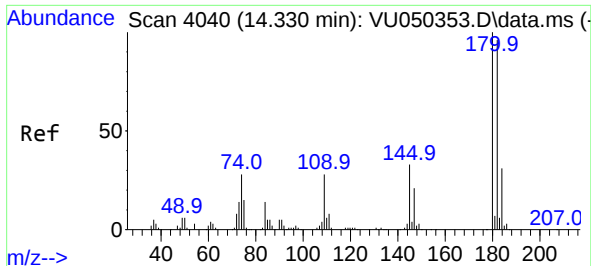
Tgt Ion:	225	Resp:	674
Ion	Ratio	Lower	Upper
225	100		
223	57.1	50.6	76.0
227	67.5	50.7	76.1



#89
Naphthalene
Concen: 0.937 ug/l
RT: 14.092 min Scan# 3966
Delta R.T. 0.003 min
Lab File: VU050358.D
Acq: 17 Aug 2022 17:07

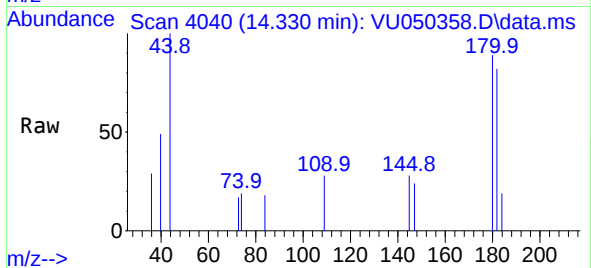
Tgt Ion:	128	Resp:	3072
Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.1	15.1
129	8.8	8.6	12.8





#90
 1,2,3-Trichlorobenzene
 Concen: 0.430 ug/l
 RT: 14.330 min Scan# 40
 Delta R.T. 0.000 min
 Lab File: VU050358.D
 Acq: 17 Aug 2022 17:07

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0817WBL01



Tgt Ion:180 Resp: 1175
 Ion Ratio Lower Upper
 180 100
 182 102.5 76.6 114.8
 145 16.8 27.3 40.9#

