

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020923\
 Data File : VU053018.D
 Acq On : 09 Feb 2023 14:55
 Operator : JC/MD
 Sample : 01480-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PW-B6-L57-020723-FD

Quant Time: Feb 09 15:15:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U012323DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Jan 24 05:16:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.112	96	32508	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.630	95	11885	1.099	ug/l	0.00
Spiked Amount	1.000		Recovery	=	110.000%	
68) 1,2-Dichlorobenzene-d4	12.189	152	9692	0.871	ug/l	0.00
Spiked Amount	1.000		Recovery	=	87.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.386	85	182	0.017	ug/l	# 43
3) Chloromethane	1.518	50	940	0.090	ug/l	99
4) Vinyl Chloride	1.736	62	40	0.004	ug/l	# 42
5) Bromomethane	1.865	94	152	0.029	ug/l	# 61
9) 1,1-Dichloroethene	2.569	96	72	0.009	ug/l	12
10) Iodomethane	2.723	142	201	0.024	ug/l	# 62
11) Allyl Chloride	2.916	41	244	0.027	ug/l	# 70
12) Acrylonitrile	3.321	53	26	0.016	ug/l	# 1
13) Acetone	2.727	43	74	0.032	ug/l	94
14) Carbon Disulfide	2.794	76	370	0.015	ug/l	# 56
15) Methylene Chloride	3.042	84	2555	0.279	ug/l	# 92
16) trans-1,2-Dichloroethene	3.344	96	42	0.005	ug/l	# 16
17) 1,1-Dichloroethane	3.862	63	41	0.003	ug/l	# 56
18) 2-Butanone	4.749	43	46	0.017	ug/l	76
19) Cyclohexane	5.389	56	121	0.010	ug/l	# 13
20) Methylcyclohexane	6.762	83	283	0.020	ug/l	# 41
21) 2,2-Dichloropropane	4.662	77	150	0.011	ug/l	# 1
22) cis-1,2-Dichloroethene	4.675	96	19	0.002	ug/l	# 3
23) Diethyl Ether	2.373	59	53	0.010	ug/l	# 37
24) tert-Butyl Alcohol	3.235	59	91	0.141	ug/l	85
25) Methyl tert-Butyl Ether	3.386	73	178	0.010	ug/l	# 70
27) Chloroform	5.090	83	298	0.020	ug/l	81
28) 1,1,1-Trichloroethane	5.318	97	98	0.007	ug/l	# 25
31) Isopropyl Ether	4.135	45	240	0.012	ug/l	82
32) Ethyl-t-butyl ether	4.479	59	103	0.005	ug/l	# 31
33) Tert-Amyl methyl ether	6.106	73	457	0.027	ug/l	# 30
34) Propionitrile	4.829	54	65	0.107	ug/l	# 43
39) Methacrylonitrile	4.993	41	139	0.057	ug/l	# 44
40) Methyl acrylate	4.842	55	49	0.011	ug/l	# 1
41) Tetrahydrofuran	5.080	42	21	0.017	ug/l	# 1
42) 1-Chlorobutane	5.450	56	102	0.007	ug/l	80
44) Bromodichloromethane	7.112	83	102	0.008	ug/l	# 25
45) 4-Methyl-2-Pentanone	7.804	43	235	0.050	ug/l	# 85
46) t-1,4-Dichloro-2-butene	10.633	75	5884	2.410	ug/l	# 26
47) Methyl methacrylate	6.945	69	52	0.013	ug/l	# 1
48) Ethyl methacrylate	8.360	69	104	0.015	ug/l	99
52) 1,1,2-Trichloroethane	8.414	97	19	0.003	ug/l	# 17
54) 2-Hexanone	8.691	43	401	0.098	ug/l	# 38
63) Ethyl Benzene	9.566	91	280	0.008	ug/l	# 43
64) m/p-Xylenes	9.697	106	73	0.005	ug/l	# 1
66) Styrene	10.122	104	69	0.423	ug/l	# 52
69) Isopropylbenzene	10.485	105	137	0.004	ug/l	# 48
70) 1,1,2,2-Tetrachloroethane	10.774	83	240	0.031	ug/l	# 25

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

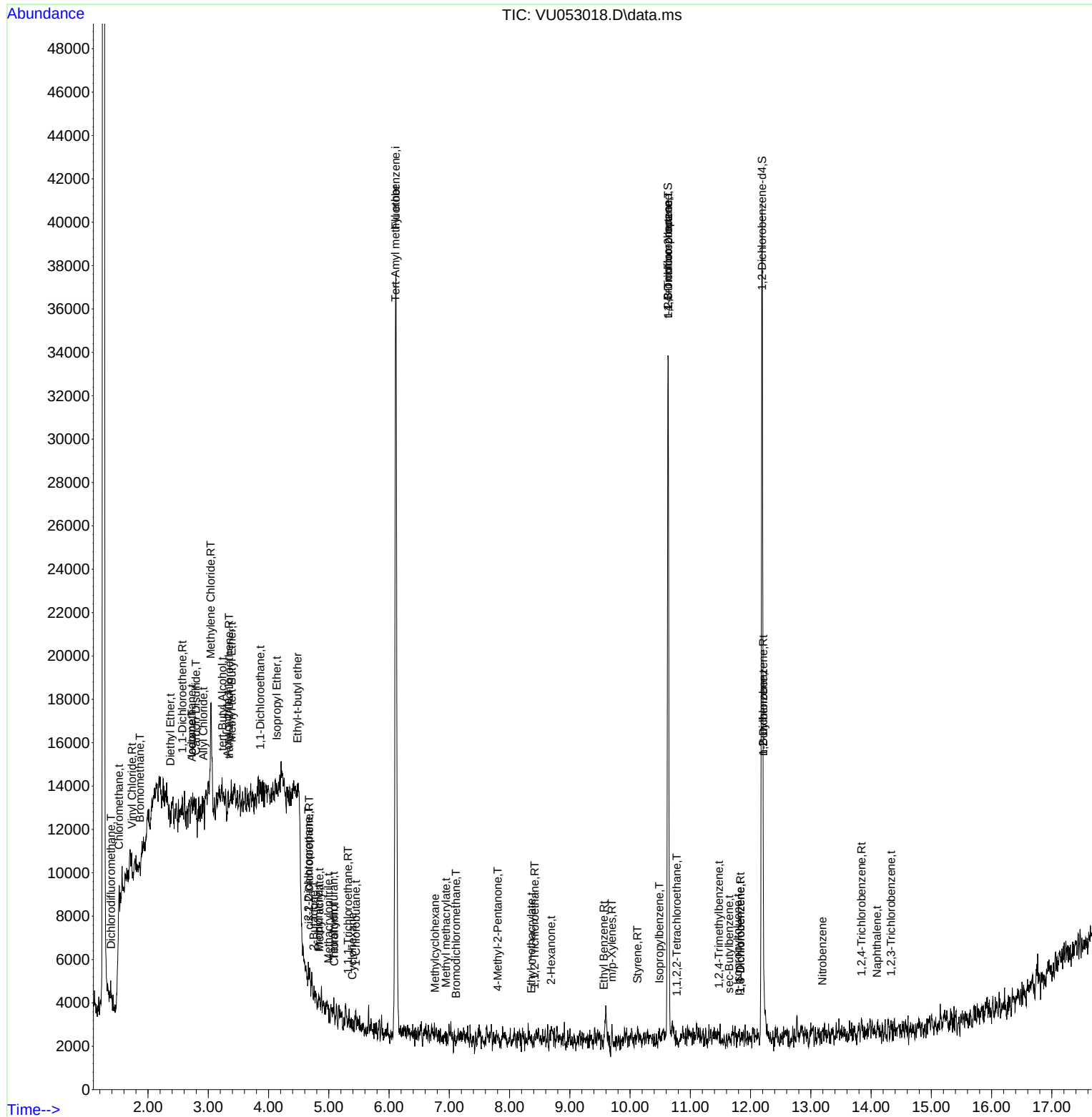
71) 1,2,3-Trichloropropane	10.633	75	5884	0.865	ug/l #	45
78) 1,2,4-Trimethylbenzene	11.475	105	242	0.461	ug/l #	30
79) sec-Butylbenzene	11.643	105	173	0.432	ug/l #	56
80) Nitrobenzene	13.192	77	120	0.247	ug/l #	41
81) p-Isopropyltoluene	11.787	119	185	0.489	ug/l #	13
82) 1,3-Dichlorobenzene	11.832	146	41	0.002	ug/l #	1
83) 1,4-Dichlorobenzene	11.832	146	41	0.002	ug/l #	1
84) n-Butylbenzene	12.209	91	523	0.567	ug/l #	58
85) 1,2-Dichlorobenzene	12.209	146	123	0.007	ug/l	74
87) 1,2,4-Trichlorobenzene	13.842	180	193	0.018	ug/l #	51
89) Naphthalene	14.099	128	772	0.038	ug/l #	73
90) 1,2,3-Trichlorobenzene	14.331	180	120	0.012	ug/l #	57

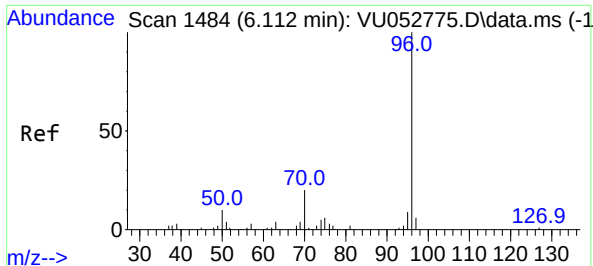
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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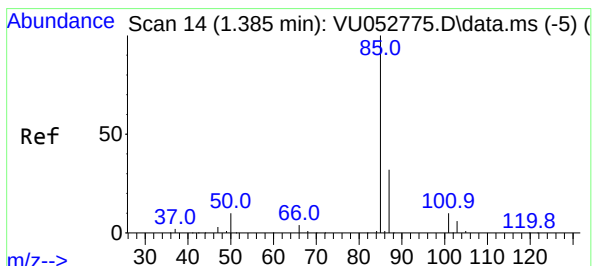
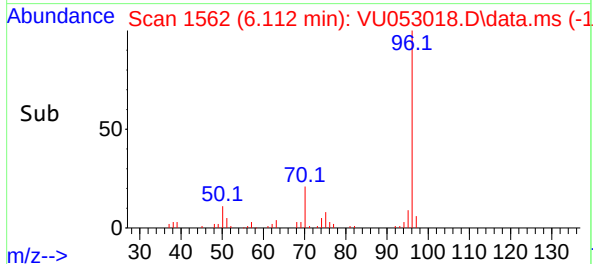
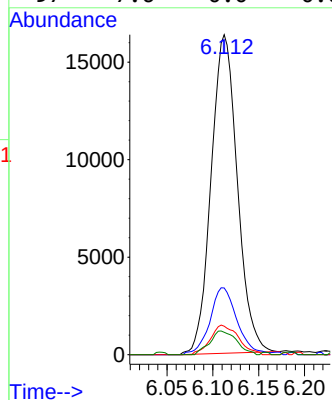
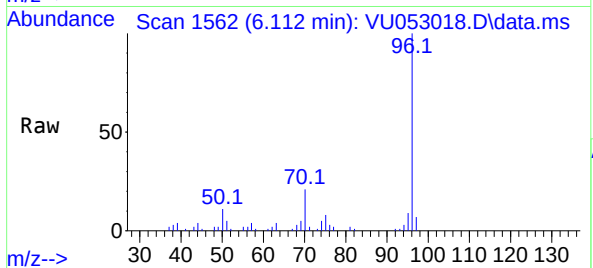




#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.112 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU053018.D
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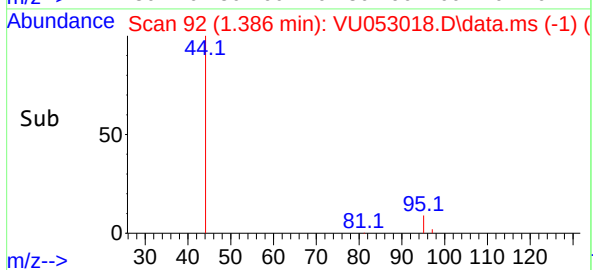
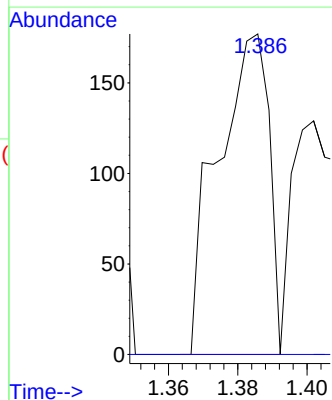
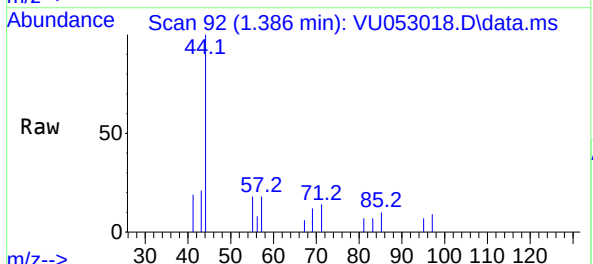
Instrument :
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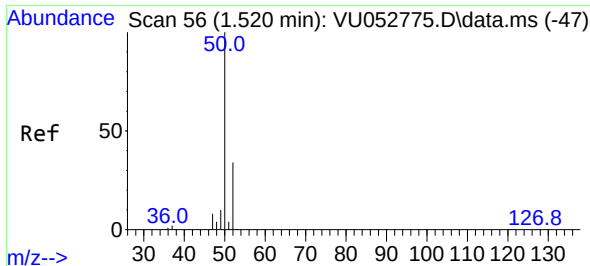
Tgt Ion: 96	Resp: 32508
Ion Ratio	Lower Upper
96 100	
70 20.8	16.2 24.4
95 9.9	7.4 11.0
97 7.6	0.0 0.0#



#2
Dichlorodifluoromethane
Concen: 0.017 ug/l
RT: 1.386 min Scan# 92
Delta R.T. 0.001 min
Lab File: VU053018.D
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Tgt Ion: 85	Resp: 182		
Ion Ratio	Lower	Upper	
85 100			
87 0.0	16.1	48.2	#

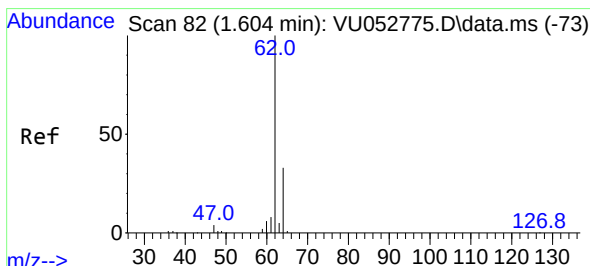
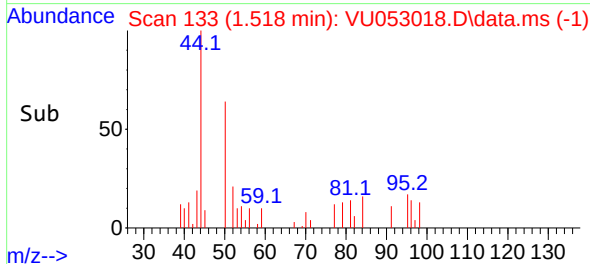
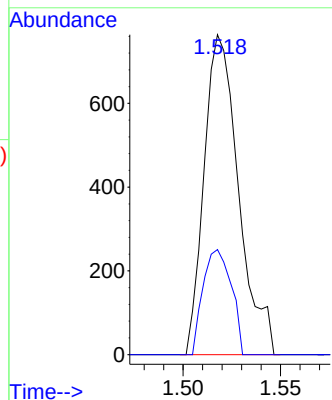
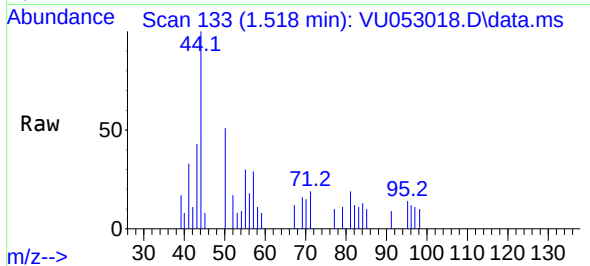




#3
Chloromethane
Concen: 0.090 ug/l
RT: 1.518 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU053018.D
Acq: 09 Feb 2023 14:55

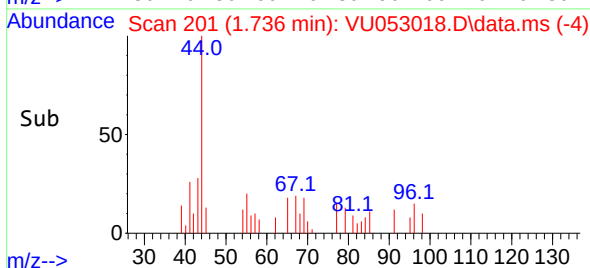
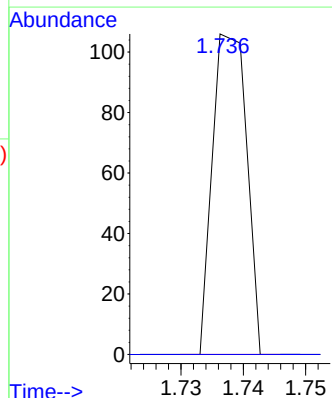
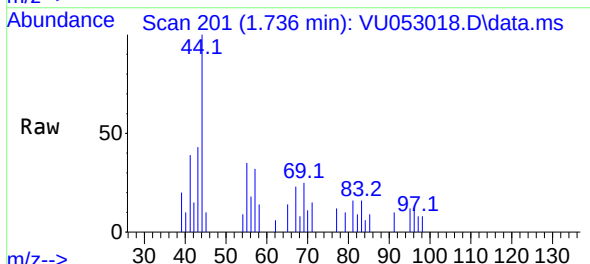
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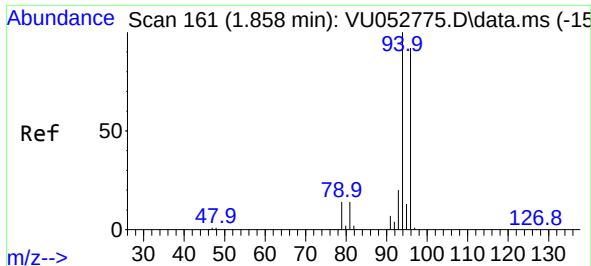
Tgt Ion: 50 Resp: 940
Ion Ratio Lower Upper
50 100
52 32.9 26.8 40.2



#4
Vinyl Chloride
Concen: 0.004 ug/l
RT: 1.736 min Scan# 201
Delta R.T. 0.132 min
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Tgt Ion: 62 Resp: 40
Ion Ratio Lower Upper
62 100
64 0.0 26.0 39.0#

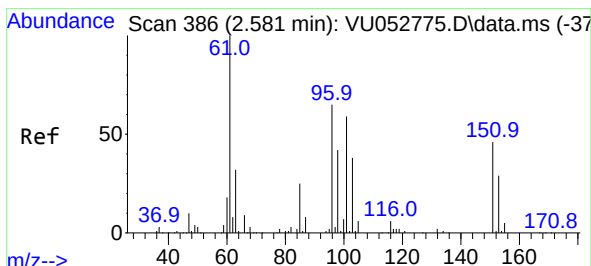
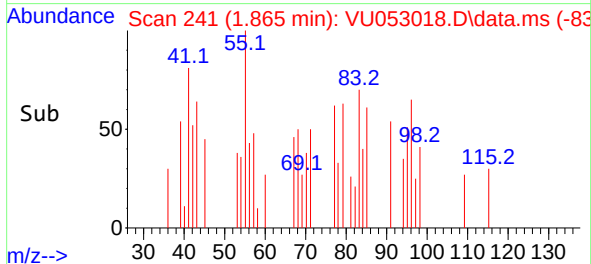
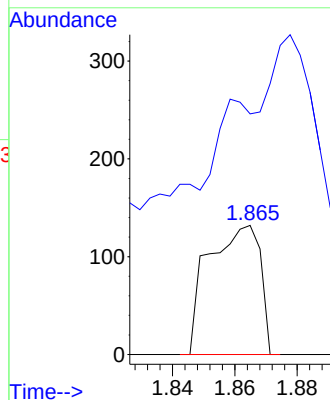
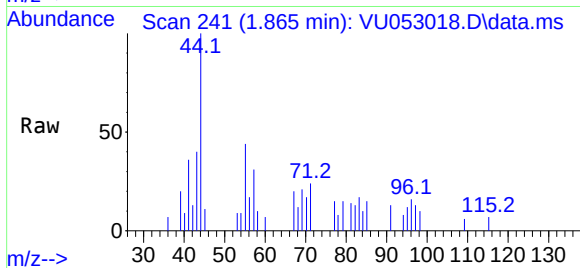




#5
Bromomethane
Concen: 0.029 ug/l
RT: 1.865 min Scan# 241
Delta R.T. 0.007 min
Lab File: VU053018.D
Acq: 09 Feb 2023 14:55

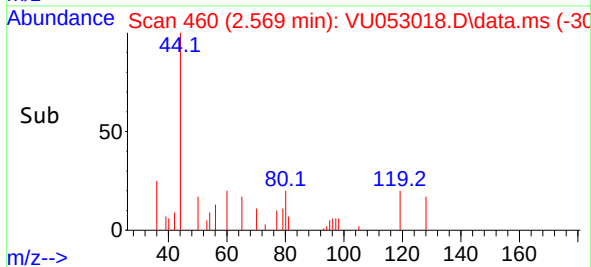
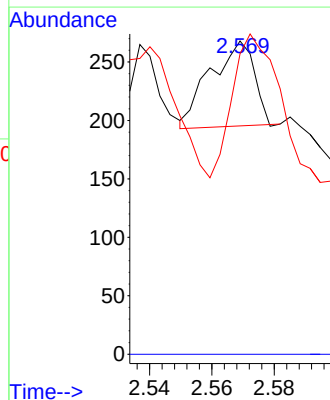
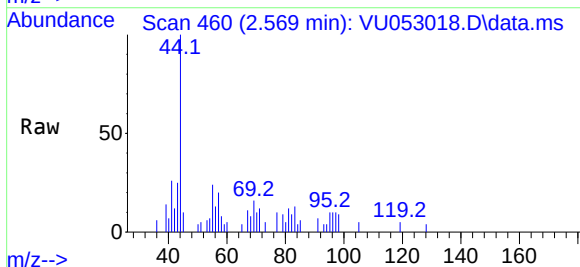
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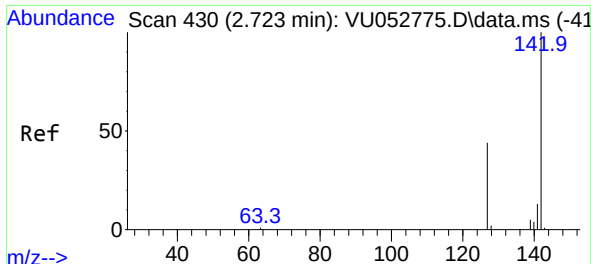
Tgt Ion: 94 Resp: 152
Ion Ratio Lower Upper
94 100
96 54.5 73.8 110.6#



#9
1,1-Dichloroethene
Concen: 0.009 ug/l
RT: 2.569 min Scan# 460
Delta R.T. -0.012 min
Lab File: VU053018.D
Acq: 09 Feb 2023 14:55

Tgt Ion: 96 Resp: 72
Ion Ratio Lower Upper
96 100
61 0.0 0.0 460.5
98 74.6 0.0 128.0

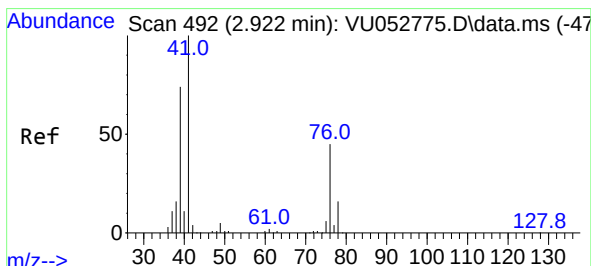
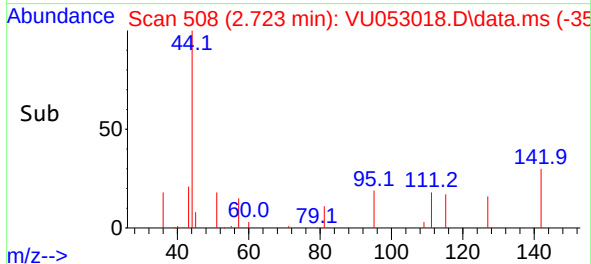
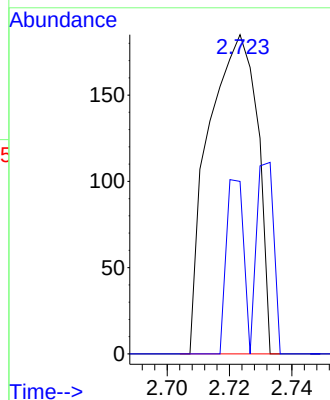
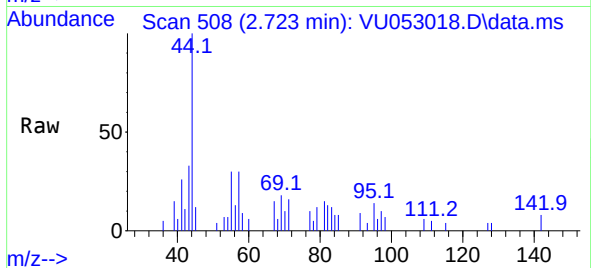




#10
Iodomethane
Concen: 0.024 ug/l
RT: 2.723 min Scan# 50
Delta R.T. 0.001 min
Lab File: VU053018.D
Acq: 09 Feb 2023 14:55

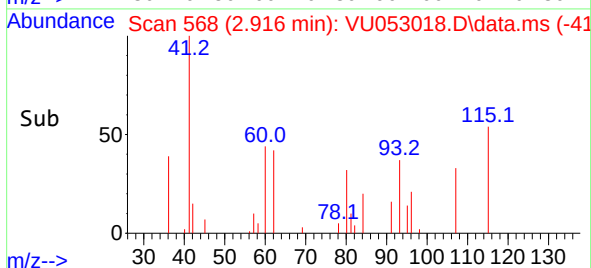
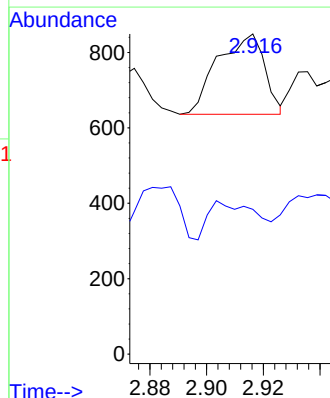
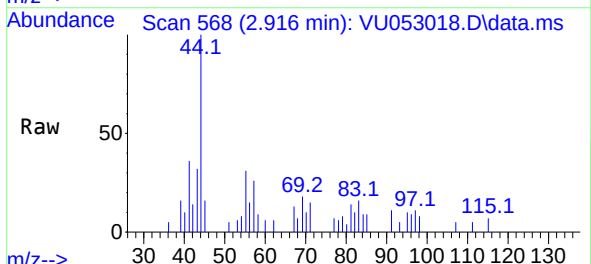
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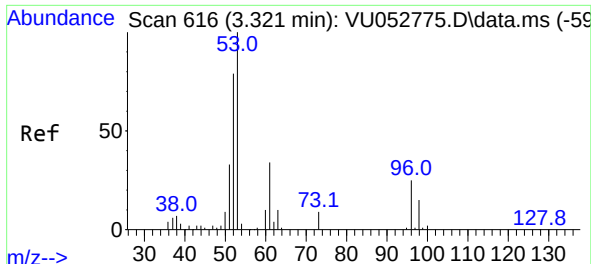
Tgt Ion:142 Resp: 201
Ion Ratio Lower Upper
142 100
127 19.4 35.4 53.0#



#11
Allyl Chloride
Concen: 0.027 ug/l
RT: 2.916 min Scan# 568
Delta R.T. -0.006 min
Lab File: VU053018.D
Acq: 09 Feb 2023 14:55

Tgt Ion: 41 Resp: 244
Ion Ratio Lower Upper
41 100
39 48.8 59.3 88.9#

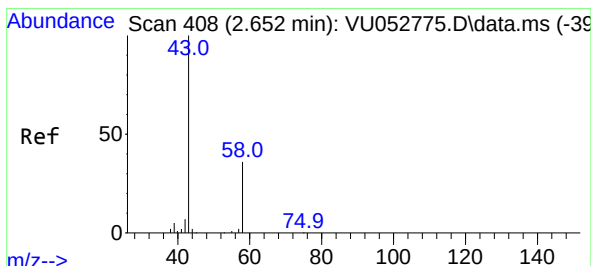
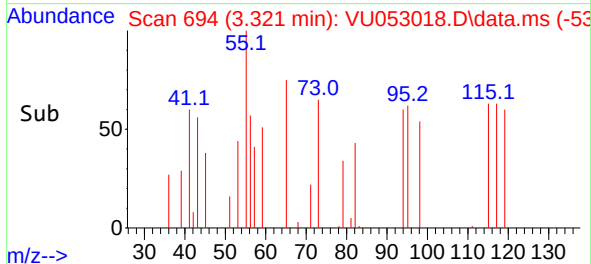
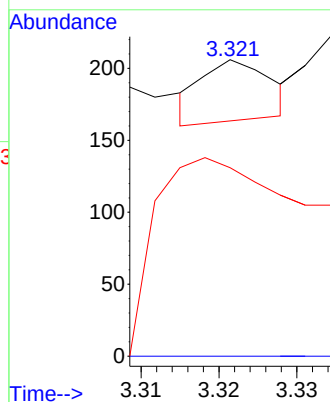
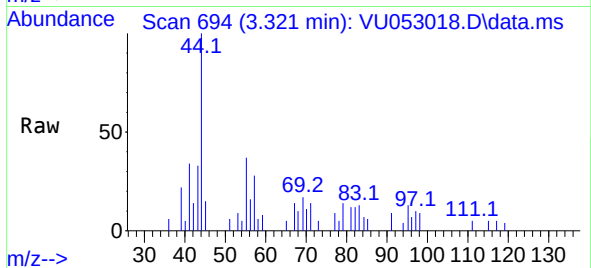




#12
Acrylonitrile
Concen: 0.016 ug/l
RT: 3.321 min Scan# 616
Delta R.T. 0.001 min
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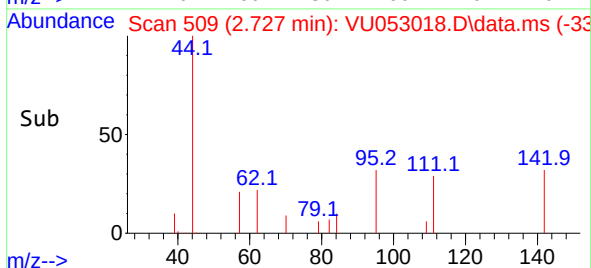
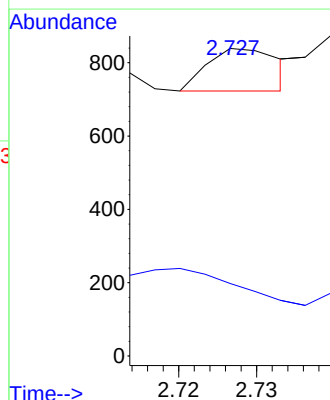
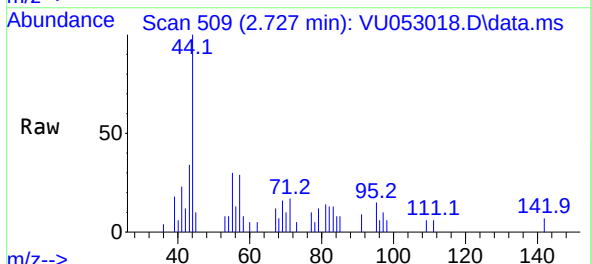
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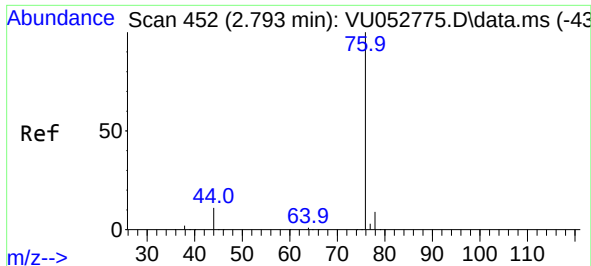
Tgt Ion: 53 Resp: 26
Ion Ratio Lower Upper
53 100
52 0.0 63.0 94.4#
51 703.8 31.3 46.9#



#13
Acetone
Concen: 0.032 ug/l
RT: 2.727 min Scan# 509
Delta R.T. 0.075 min
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Tgt Ion: 43 Resp: 74
Ion Ratio Lower Upper
43 100
58 39.7 29.0 43.4

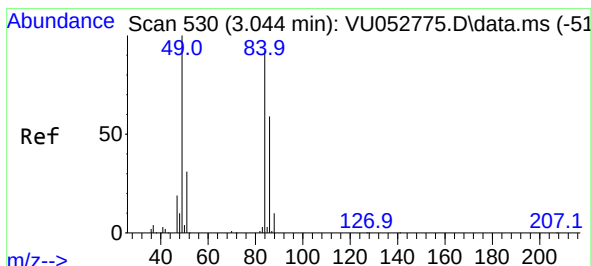
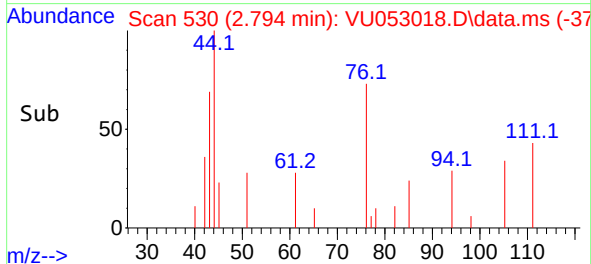
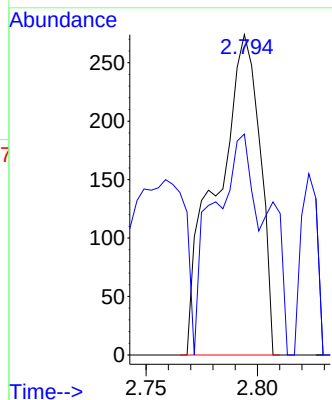
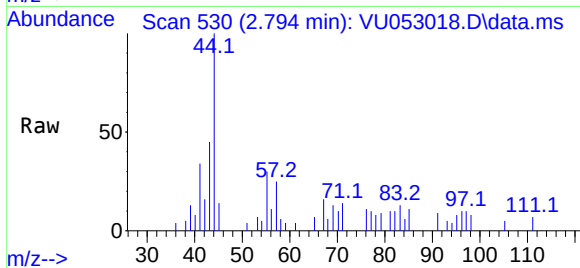




#14
Carbon Disulfide
Concen: 0.015 ug/l
RT: 2.794 min Scan# 51
Delta R.T. 0.001 min
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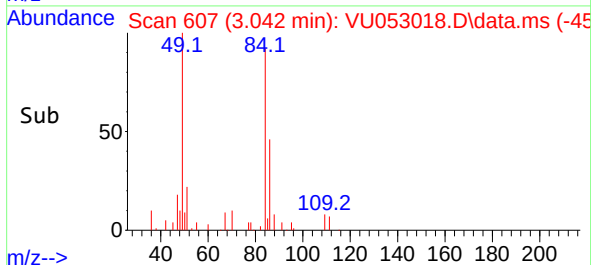
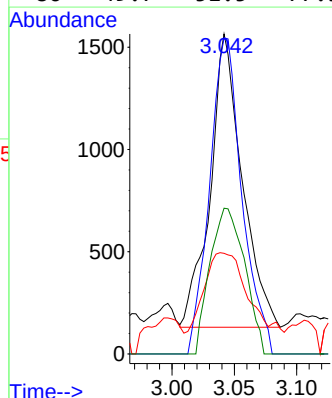
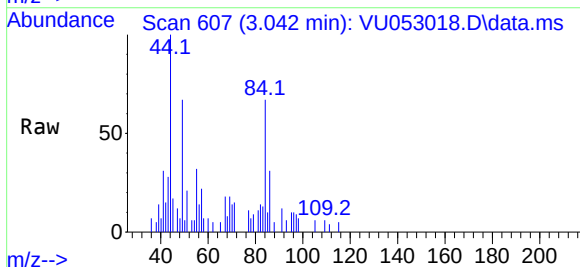
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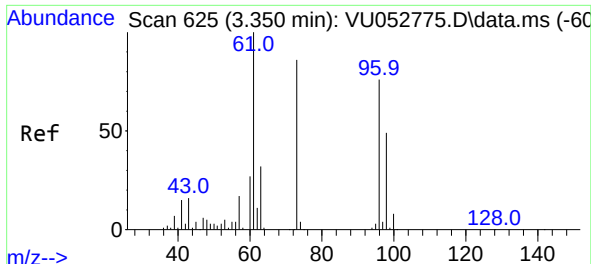
Tgt Ion: 76 Resp: 370
Ion Ratio Lower Upper
76 100
78 24.8 7.1 10.7#



#15
Methylene Chloride
Concen: 0.279 ug/l
RT: 3.042 min Scan# 607
Delta R.T. -0.003 min
Lab File: VU053018.D
Acq: 09 Feb 2023 14:55

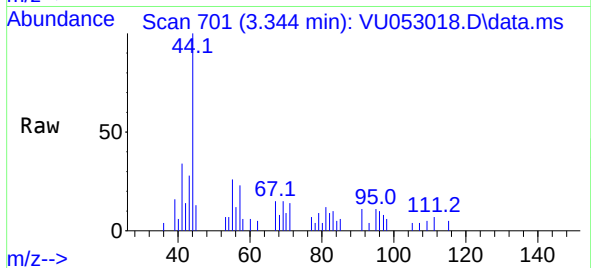
Tgt Ion: 84 Resp: 2555
Ion Ratio Lower Upper
84 100
49 107.8 86.7 130.1
51 25.7 0.0 66.8
86 49.7 51.5 77.3#



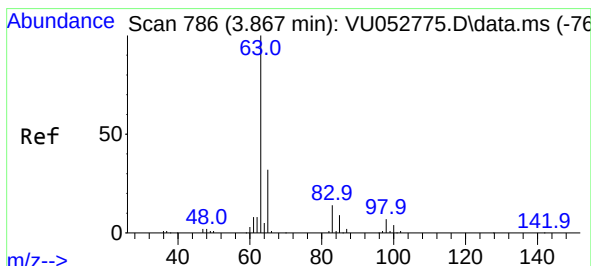
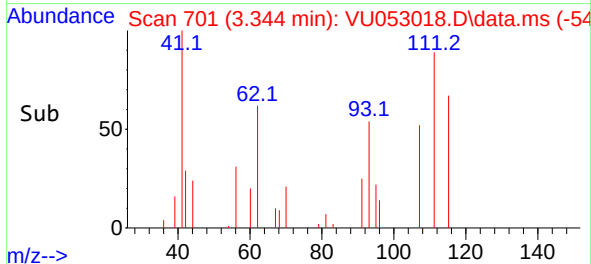
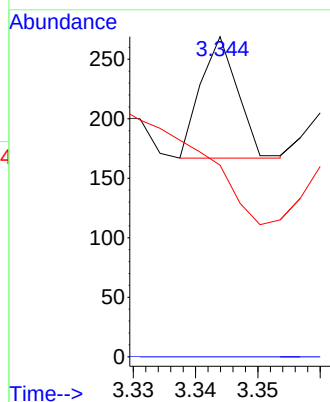


#16
trans-1,2-Dichloroethene
Concen: 0.005 ug/l
RT: 3.344 min Scan# 701
Delta R.T. -0.006 min
Lab File: VU053018.D
Acq: 09 Feb 2023 14:55

Instrument :
MSVOA_U
ClientSampleId :
PW-B6-L57-020723-FD

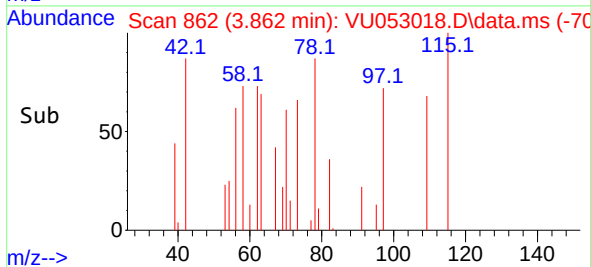
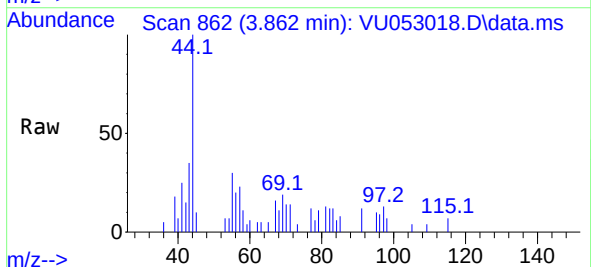
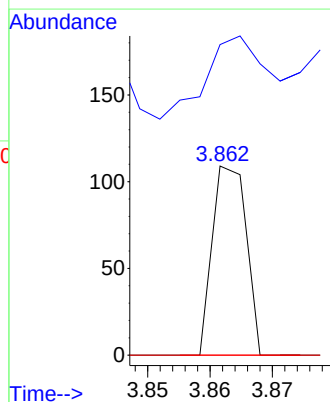


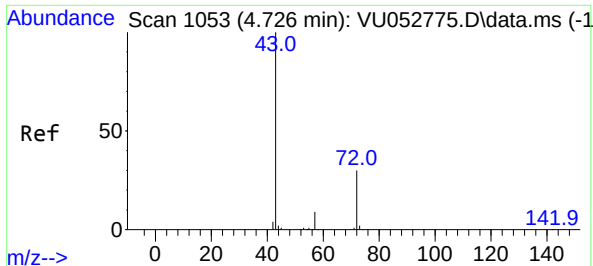
Tgt Ion: 96 Resp: 42
Ion Ratio Lower Upper
96 100
61 0.0 105.7 158.5#
98 45.1 51.4 77.2#



#17
1,1-Dichloroethane
Concen: 0.003 ug/l
RT: 3.862 min Scan# 862
Delta R.T. -0.006 min
Lab File: VU053018.D
Acq: 09 Feb 2023 14:55

Tgt Ion: 63 Resp: 41
Ion Ratio Lower Upper
63 100
98 29.4 3.8 11.2#
100 0.0 2.2 6.6#

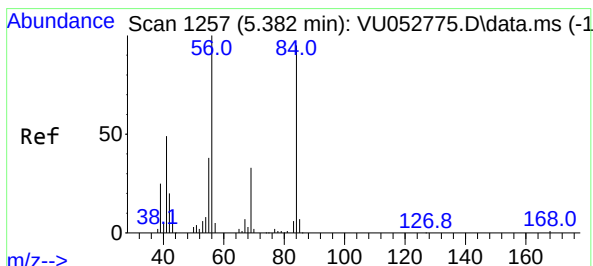
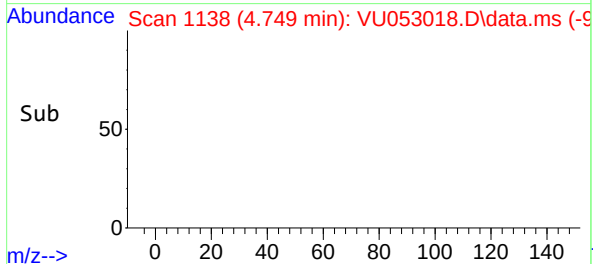
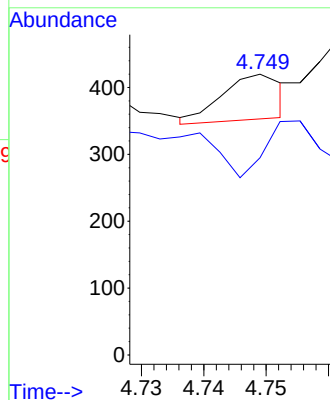
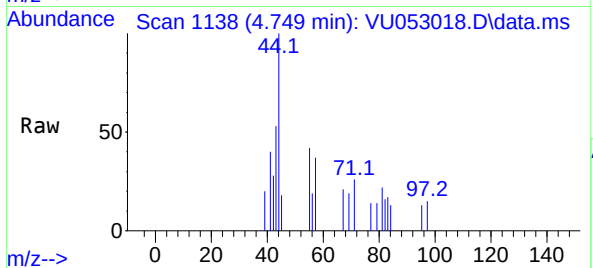




#18
2-Butanone
Concen: 0.017 ug/l
RT: 4.749 min Scan# 1138
Delta R.T. 0.023 min
Lab File: VU053018.D
Acq: 09 Feb 2023 14:55

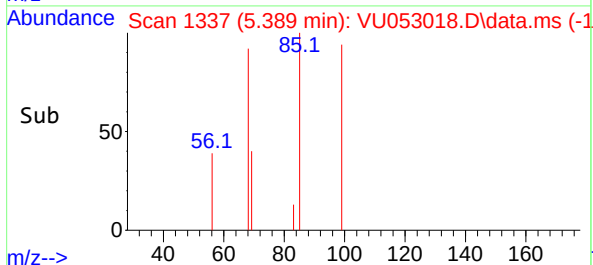
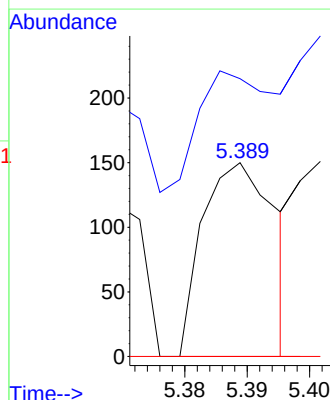
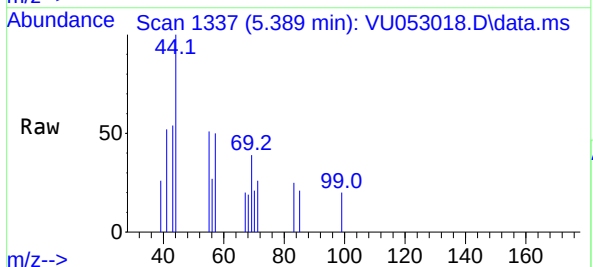
Instrument : MSVOA_U
ClientSampleId : PW-B6-L57-020723-FD

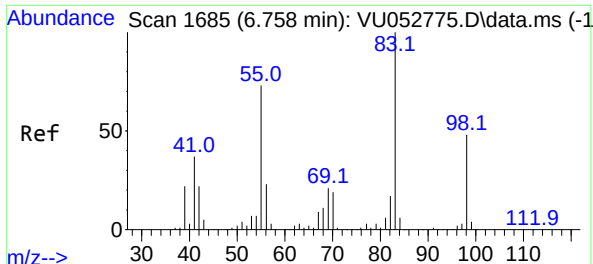
Tgt Ion: 43 Resp: 46
Ion Ratio Lower Upper
43 100
57 0.0 0.0 17.4



#19
Cyclohexane
Concen: 0.010 ug/l
RT: 5.389 min Scan# 1337
Delta R.T. 0.007 min
Lab File: VU053018.D
Acq: 09 Feb 2023 14:55

Tgt Ion: 56 Resp: 121
Ion Ratio Lower Upper
56 100
69 65.3 26.8 40.2#
84 0.0 77.0 115.6#





#20

Methylcyclohexane

Concen: 0.020 ug/l

RT: 6.762 min Scan# 1111

Delta R.T. 0.004 min

Lab File: VU053018.D

Acq: 09 Feb 2023 14:55

Instrument :

MSVOA_U

ClientSampleId :

PW-B6-L57-020723-FD

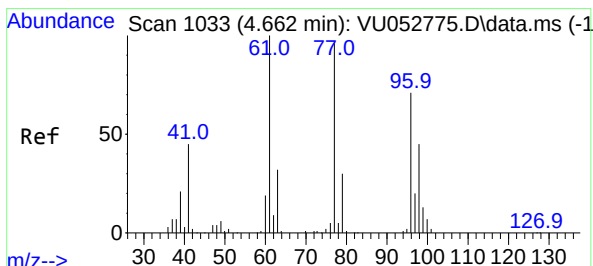
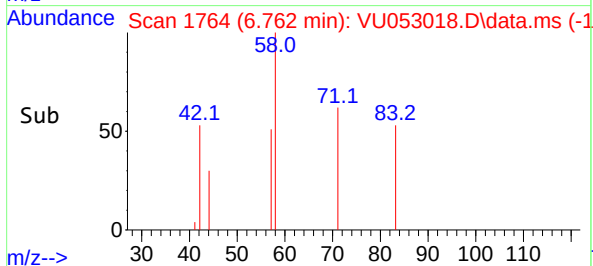
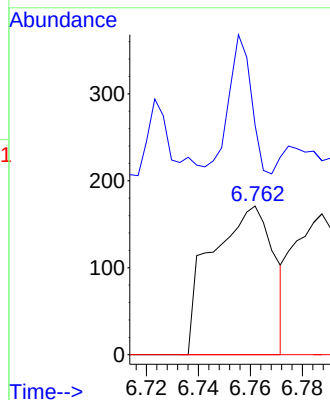
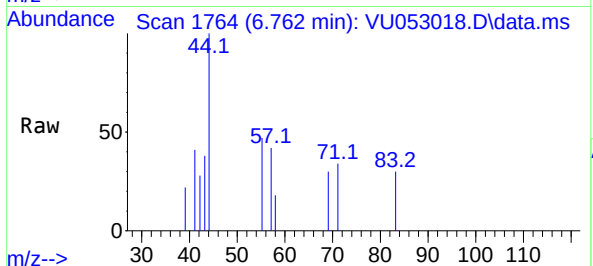
Tgt Ion: 83 Resp: 283

Ion Ratio Lower Upper

83 100

55 31.4 58.7 88.1#

98 0.0 39.4 59.2#



#21

2,2-Dichloropropane

Concen: 0.011 ug/l

RT: 4.662 min Scan# 1111

Delta R.T. 0.001 min

Lab File: VU053018.D

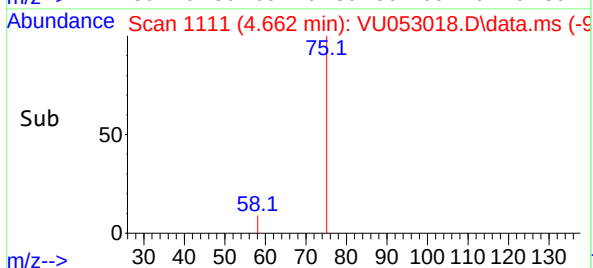
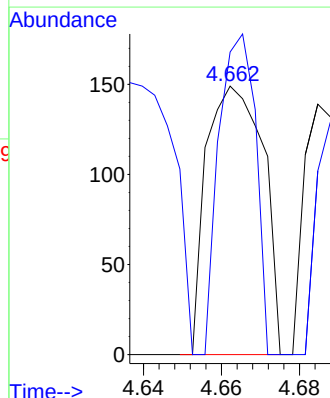
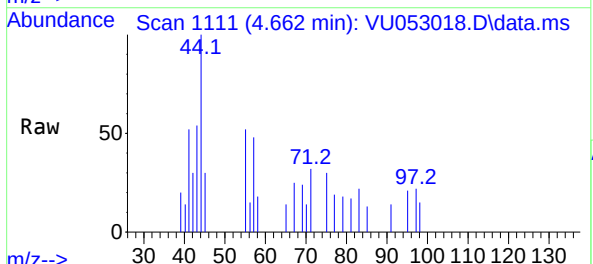
Acq: 09 Feb 2023 14:55

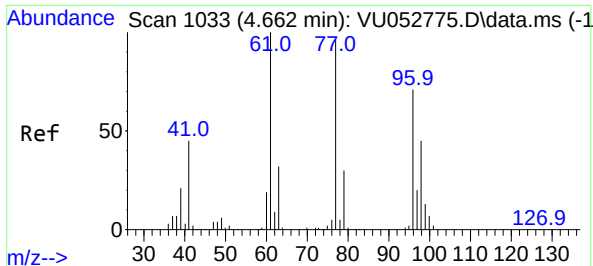
Tgt Ion: 77 Resp: 150

Ion Ratio Lower Upper

77 100

97 77.3 16.8 25.2#





#22

cis-1,2-Dichloroethene

Concen: 0.002 ug/l

RT: 4.675 min Scan# 1115

Delta R.T. 0.013 min

Lab File: VU053018.D

Acq: 09 Feb 2023 14:55

Instrument :

MSVOA_U

ClientSampleId :

PW-B6-L57-020723-FD

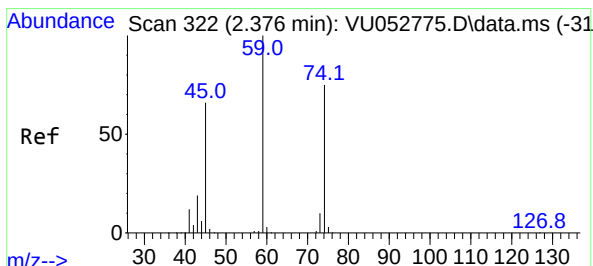
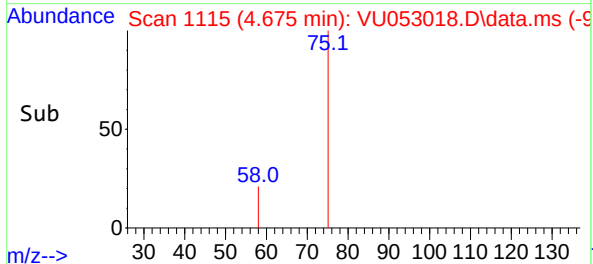
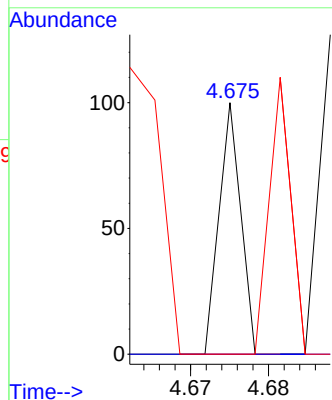
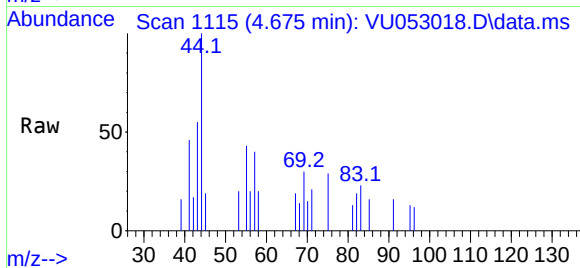
Tgt Ion: 96 Resp: 19

Ion Ratio Lower Upper

96 100

61 0.0 0.0 353.3

98 110.5 32.6 97.7#



#23

Diethyl Ether

Concen: 0.010 ug/l

RT: 2.373 min Scan# 399

Delta R.T. -0.003 min

Lab File: VU053018.D

Acq: 09 Feb 2023 14:55

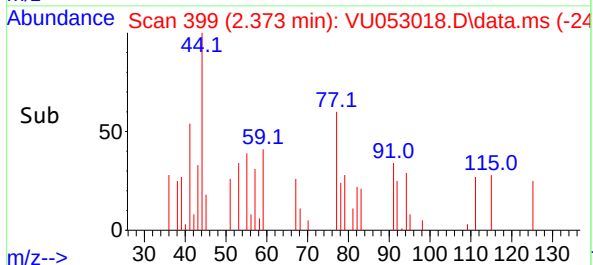
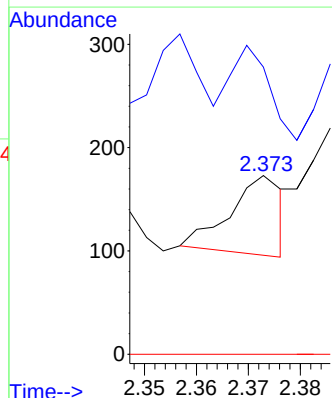
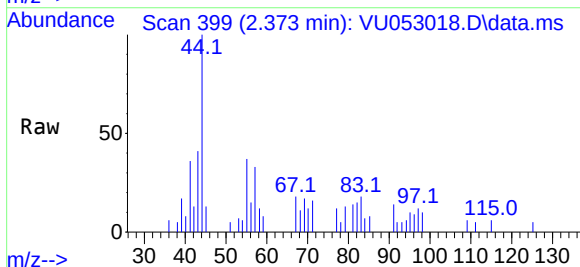
Tgt Ion: 59 Resp: 53

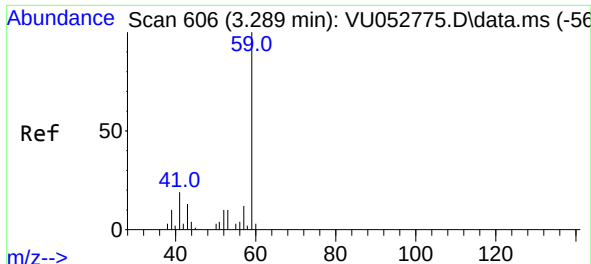
Ion Ratio Lower Upper

59 100

45 90.6 52.1 78.1#

74 0.0 61.6 92.4#

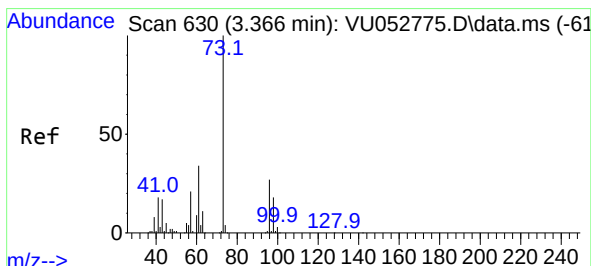
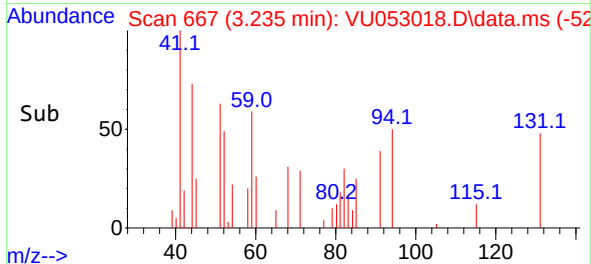
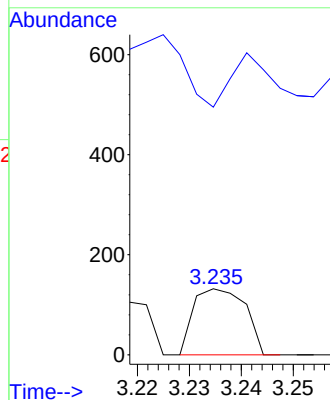
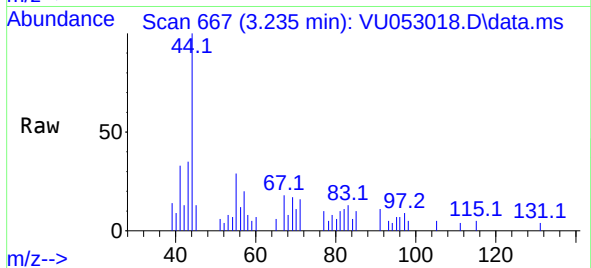




#24
tert-Butyl Alcohol
Concen: 0.141 ug/l
RT: 3.235 min Scan# 606
Delta R.T. -0.054 min
Lab File: VU053018.D
Acq: 09 Feb 2023 14:55

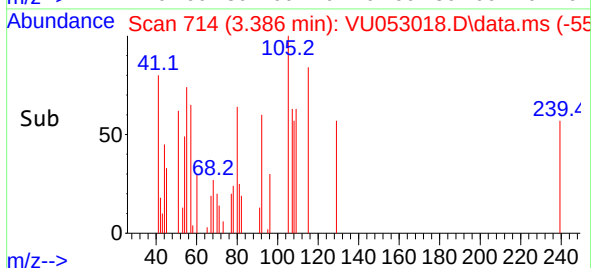
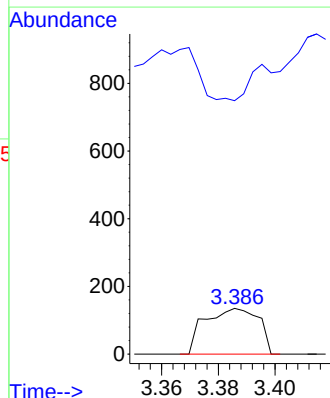
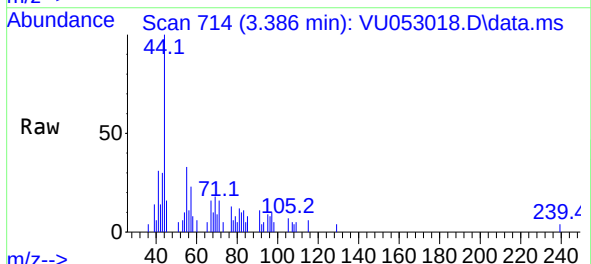
Instrument :
MSVOA_U
ClientSampleId :
PW-B6-L57-020723-FD

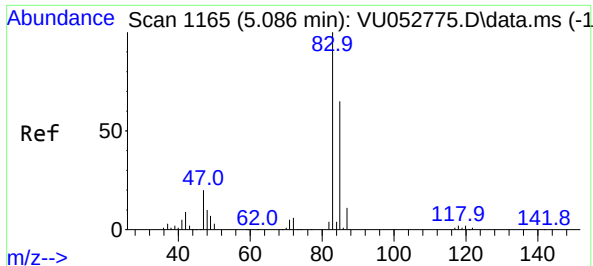
Tgt Ion: 59 Resp: 91
Ion Ratio Lower Upper
59 100
57 68.1 45.8 68.8



#25
Methyl tert-Butyl Ether
Concen: 0.010 ug/l
RT: 3.386 min Scan# 714
Delta R.T. 0.020 min
Lab File: VU053018.D
Acq: 09 Feb 2023 14:55

Tgt Ion: 73 Resp: 178
Ion Ratio Lower Upper
73 100
43 32.6 15.3 22.9#





#27

Chloroform

Concen: 0.020 ug/l

RT: 5.090 min Scan# 1315

Delta R.T. 0.004 min

Lab File: VU053018.D

Acq: 09 Feb 2023 14:55

Instrument :

MSVOA_U

ClientSampleId :

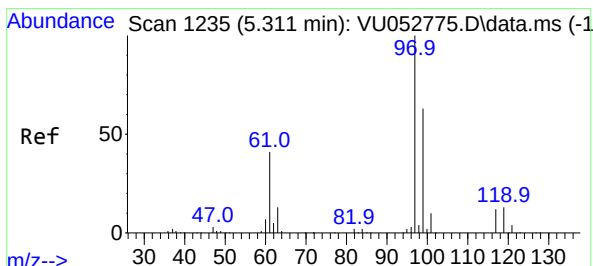
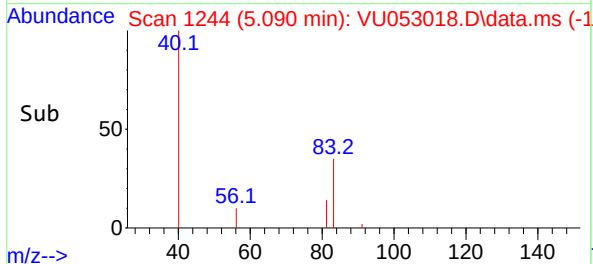
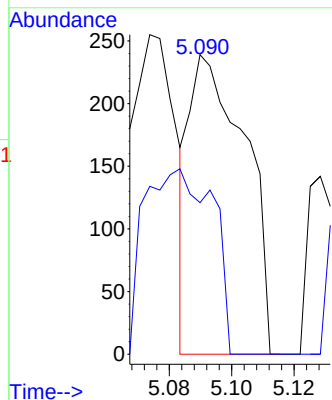
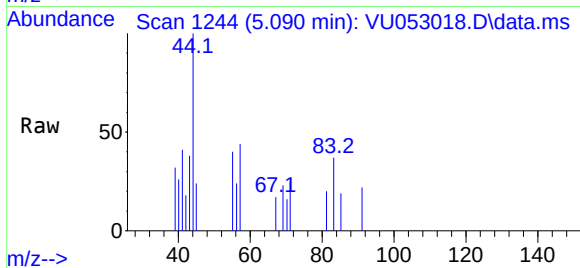
PW-B6-L57-020723-FD

Tgt Ion: 83 Resp: 298

Ion Ratio Lower Upper

83 100

85 50.6 0.0 130.6



#28

1,1,1-Trichloroethane

Concen: 0.007 ug/l

RT: 5.318 min Scan# 1315

Delta R.T. 0.007 min

Lab File: VU053018.D

Acq: 09 Feb 2023 14:55

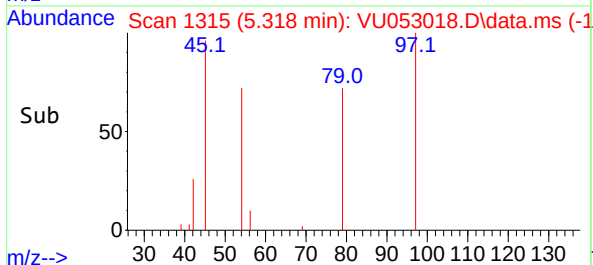
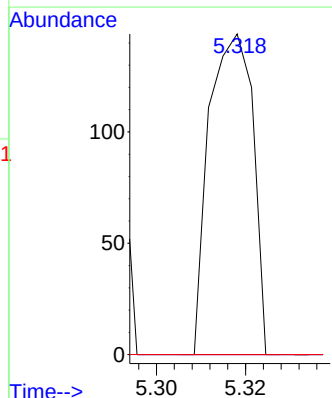
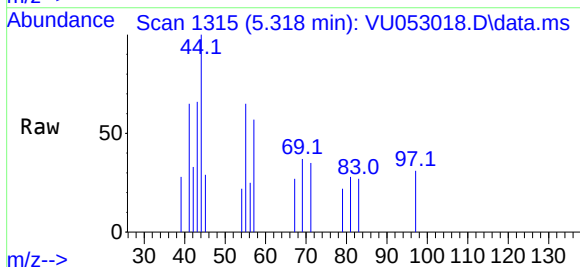
Tgt Ion: 97 Resp: 98

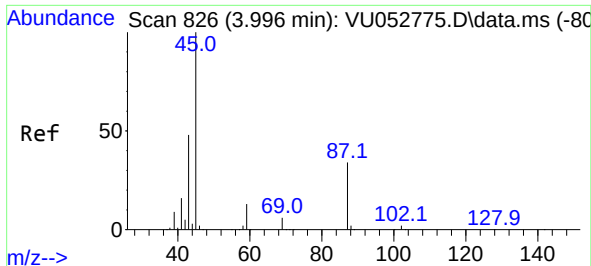
Ion Ratio Lower Upper

97 100

99 0.0 31.9 95.5#

61 0.0 20.8 62.2#

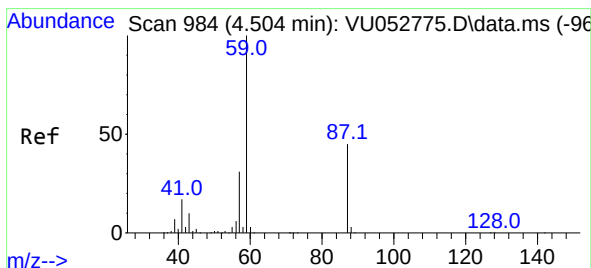
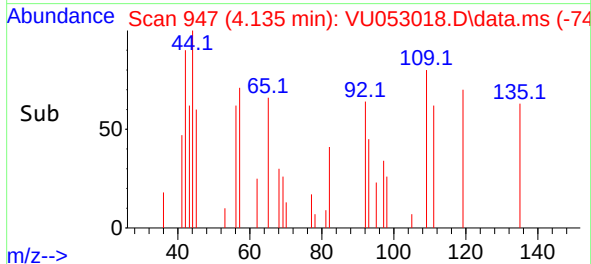
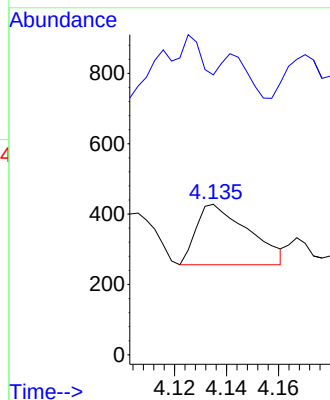
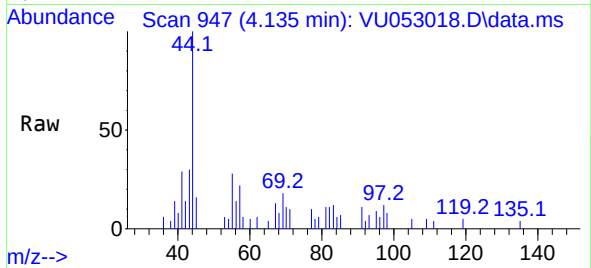




#31
Isopropyl Ether
Concen: 0.012 ug/l
RT: 4.135 min Scan# 94
Delta R.T. 0.139 min
Lab File: VU053018.D
Acq: 09 Feb 2023 14:55

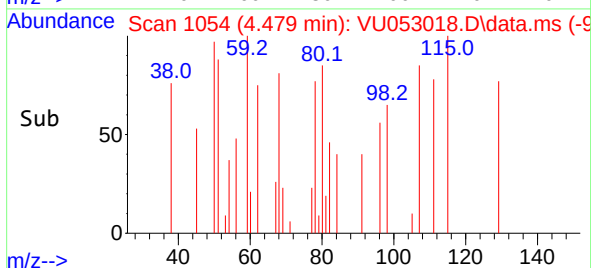
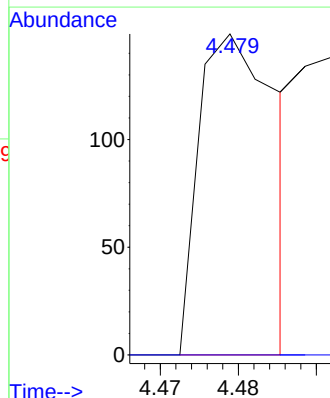
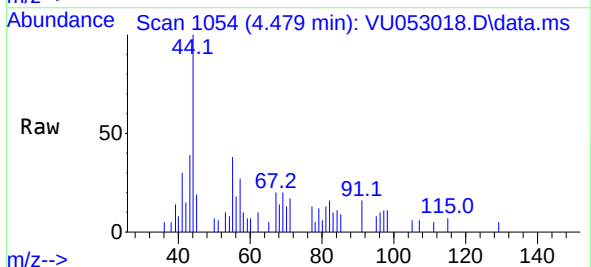
Instrument :
MSVOA_U
ClientSampleId :
PW-B6-L57-020723-FD

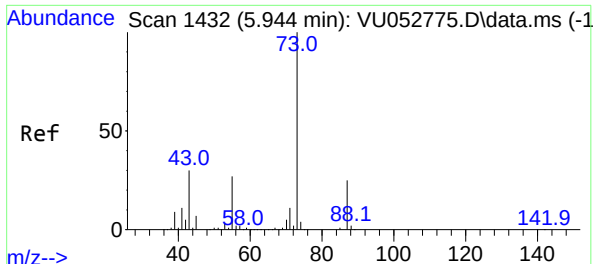
Tgt Ion: 45 Resp: 240
Ion Ratio Lower Upper
45 100
43 36.7 24.5 73.5



#32
Ethyl-t-butyl ether
Concen: 0.005 ug/l
RT: 4.479 min Scan# 1054
Delta R.T. -0.025 min
Lab File: VU053018.D
Acq: 09 Feb 2023 14:55

Tgt Ion: 59 Resp: 103
Ion Ratio Lower Upper
59 100
87 0.0 36.2 54.2#

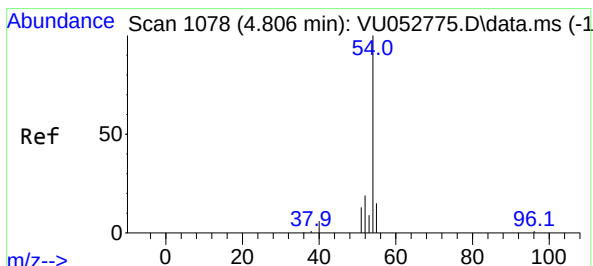
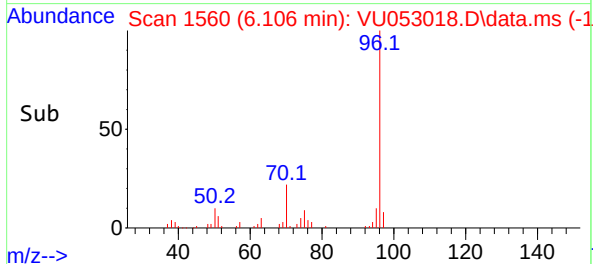
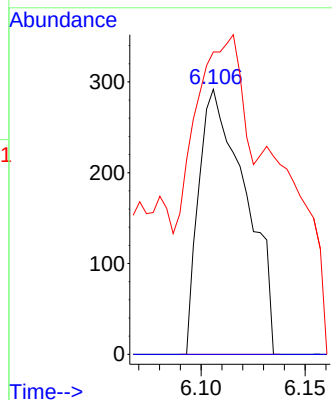
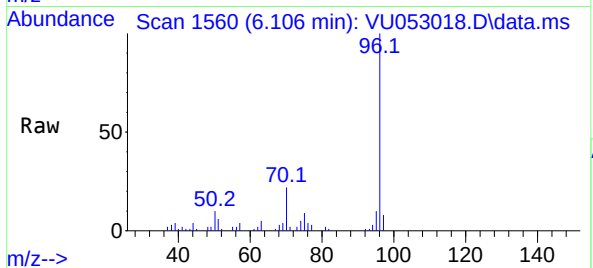




Tert-Amyl methyl ether
Concen: 0.027 ug/l
RT: 6.106 min Scan# 1163
Delta R.T. 0.161 min
Lab File: VU053018.D
Acq: 09 Feb 2023 14:55

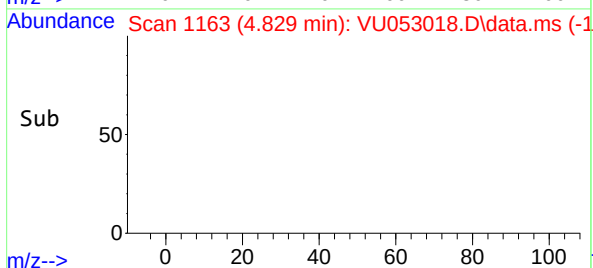
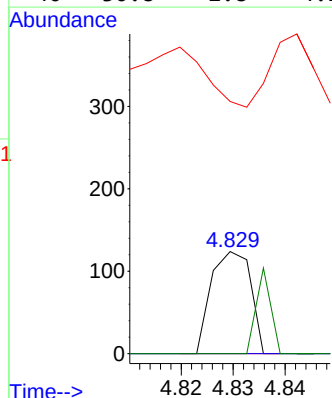
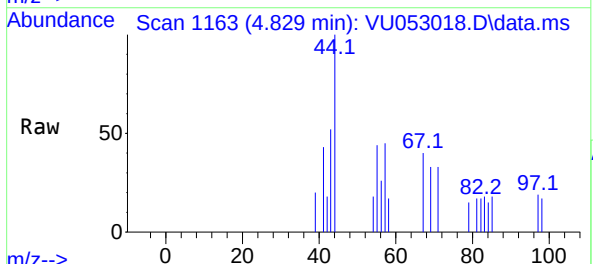
Instrument :
MSVOA_U
ClientSampleId :
PW-B6-L57-020723-FD

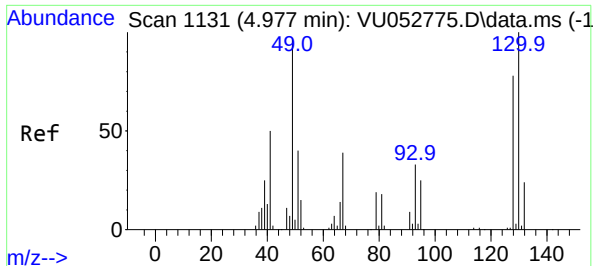
Tgt Ion: 73	Resp: 457
Ion Ratio	Lower Upper
73 100	
87 0.0	20.1 30.1#
71 54.7	9.2 13.8#



Propionitrile
Concen: 0.107 ug/l
RT: 4.829 min Scan# 1163
Delta R.T. 0.023 min
Lab File: VU053018.D
Acq: 09 Feb 2023 14:55

Tgt Ion: 54	Resp: 65
Ion Ratio	Lower Upper
54 100	
52 0.0	16.9 25.3#
55 75.4	118.6 178.0#
40 30.8	2.8 4.2#





#39

Methacrylonitrile

Concen: 0.057 ug/l

RT: 4.993 min Scan# 1167

Delta R.T. 0.017 min

Lab File: VU053018.D

Acq: 09 Feb 2023 14:55

Instrument :

MSVOA_U

ClientSampleId :

PW-B6-L57-020723-FD

Tgt Ion: 41 Resp: 139

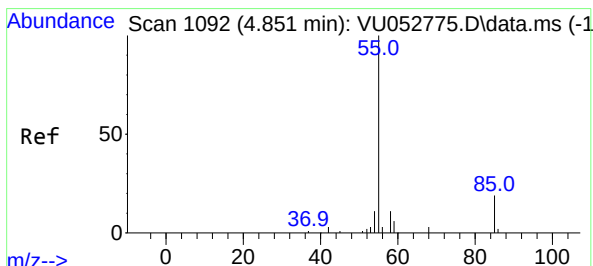
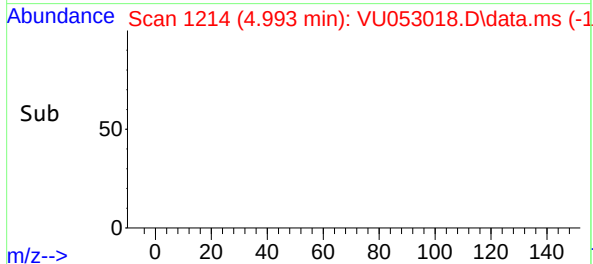
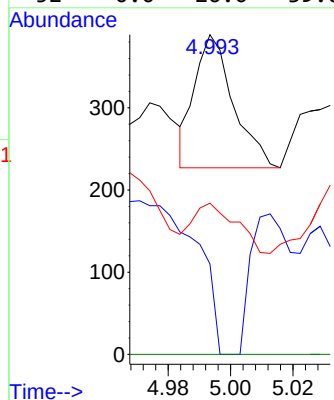
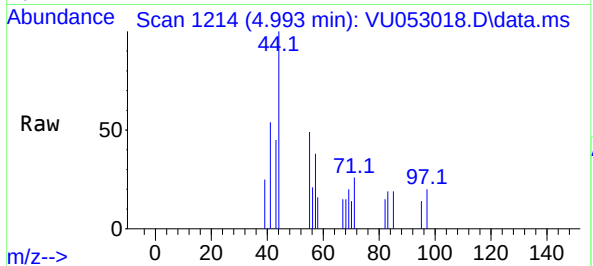
Ion Ratio Lower Upper

41 100

67 119.4 64.9 97.3#

39 0.0 41.7 62.5#

52 0.0 26.0 39.0#



#40

Methyl acrylate

Concen: 0.011 ug/l

RT: 4.842 min Scan# 1167

Delta R.T. -0.009 min

Lab File: VU053018.D

Acq: 09 Feb 2023 14:55

Tgt Ion: 55 Resp: 49

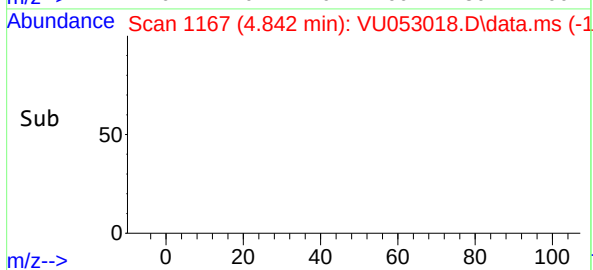
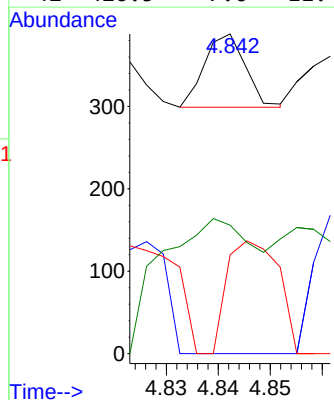
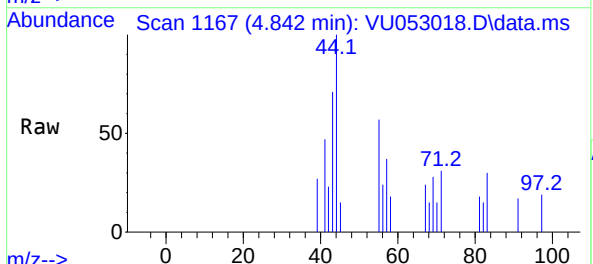
Ion Ratio Lower Upper

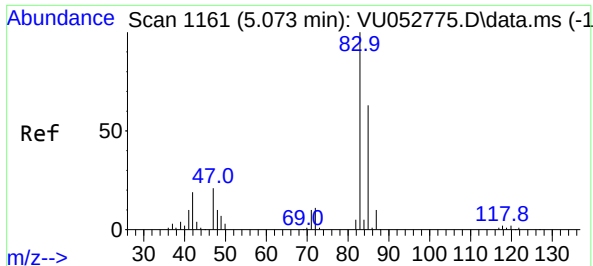
55 100

85 0.0 14.4 21.6#

58 191.8 7.3 10.9#

42 426.5 7.6 11.4#





#41

Tetrahydrofuran

Concen: 0.017 ug/l

RT: 5.080 min Scan# 11

Delta R.T. 0.007 min

Lab File: VU053018.D

Acq: 09 Feb 2023 14:55

Instrument :

MSVOA_U

ClientSampleId :

PW-B6-L57-020723-FD

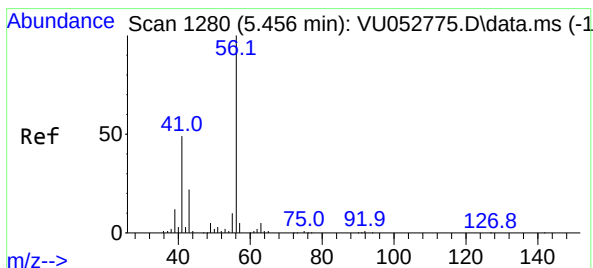
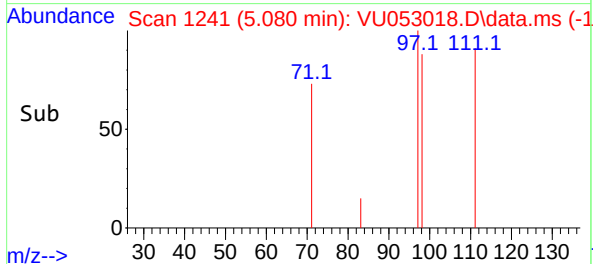
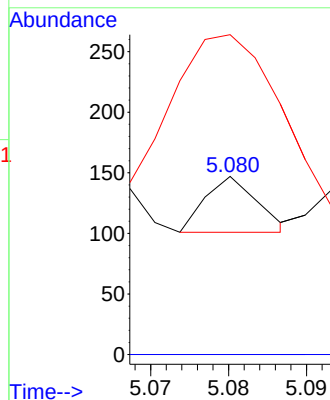
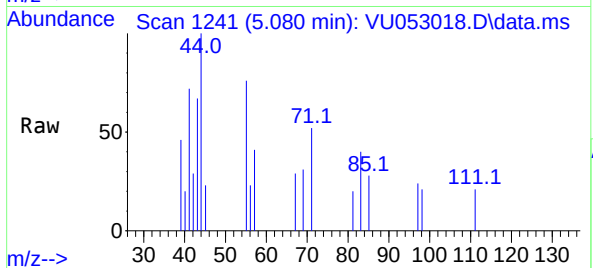
Tgt Ion: 42 Resp: 21

Ion Ratio Lower Upper

42 100

72 0.0 49.1 73.7#

71 933.3 43.8 65.6#



#42

1-Chlorobutane

Concen: 0.007 ug/l

RT: 5.450 min Scan# 1356

Delta R.T. -0.006 min

Lab File: VU053018.D

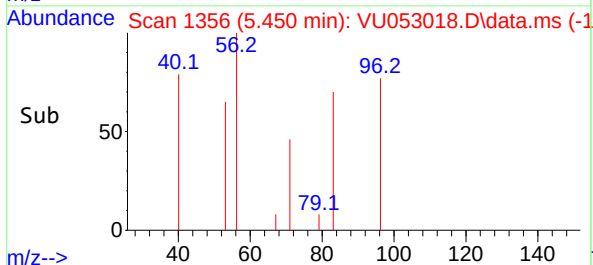
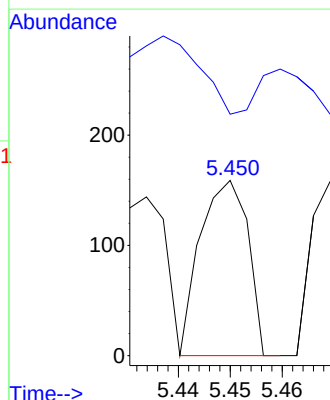
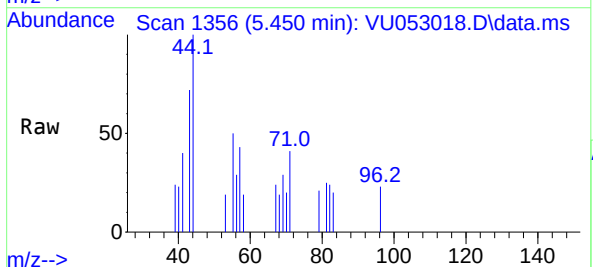
Acq: 09 Feb 2023 14:55

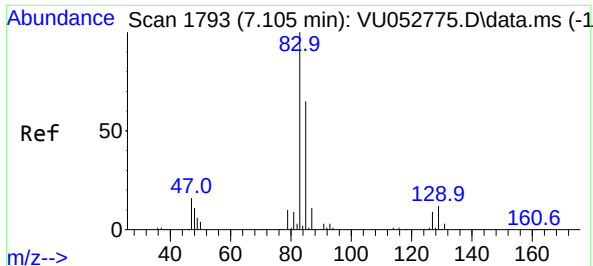
Tgt Ion: 56 Resp: 102

Ion Ratio Lower Upper

56 100

41 35.3 24.5 73.5

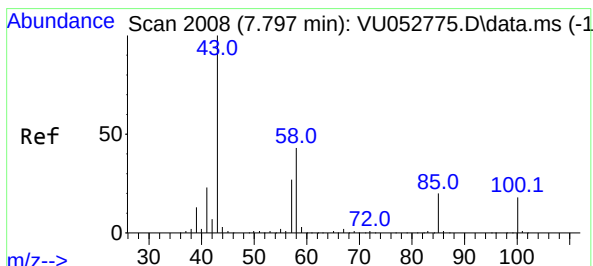
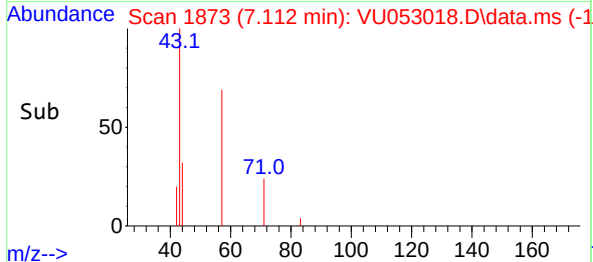
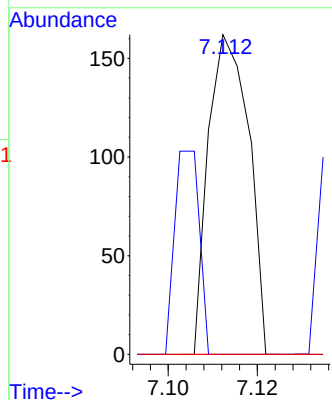
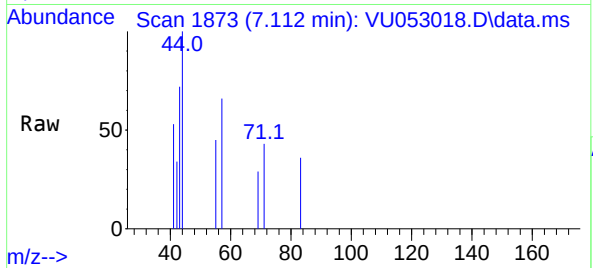




#44
Bromodichloromethane
Concen: 0.008 ug/l
RT: 7.112 min Scan# 11
Delta R.T. 0.007 min
Lab File: VU053018.D
Acq: 09 Feb 2023 14:55

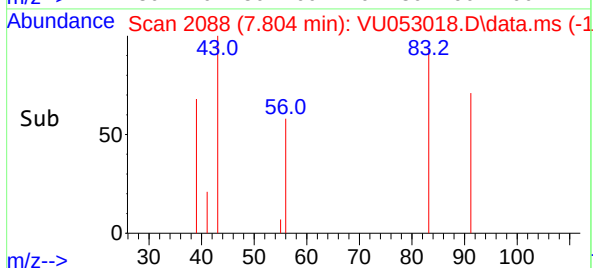
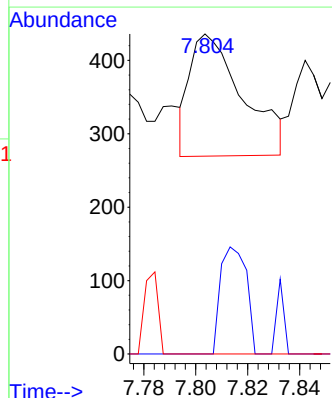
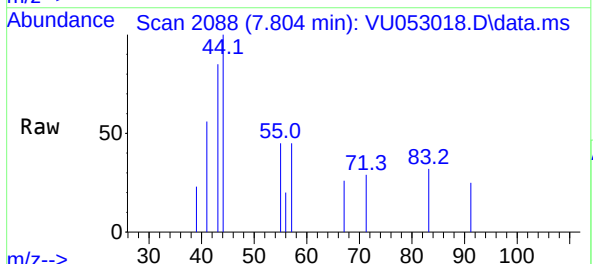
Instrument :
MSVOA_U
ClientSampleId :
PW-B6-L57-020723-FD

Tgt Ion: 83 Resp: 102
Ion Ratio Lower Upper
83 100
85 0.0 52.1 78.1#
127 0.0 7.2 10.8#

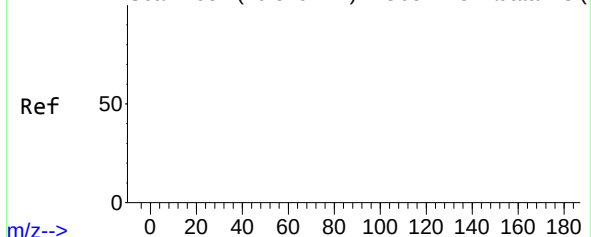


#45
4-Methyl-2-Pentanone
Concen: 0.050 ug/l
RT: 7.804 min Scan# 2088
Delta R.T. 0.007 min
Lab File: VU053018.D
Acq: 09 Feb 2023 14:55

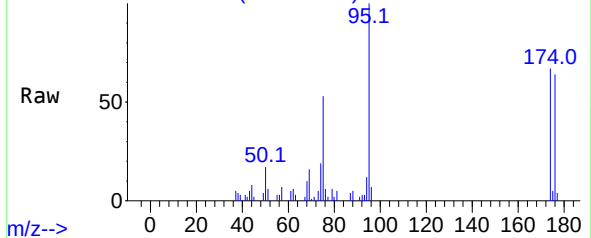
Tgt Ion: 43 Resp: 235
Ion Ratio Lower Upper
43 100
58 42.6 21.7 65.1
85 0.0 16.2 24.4#



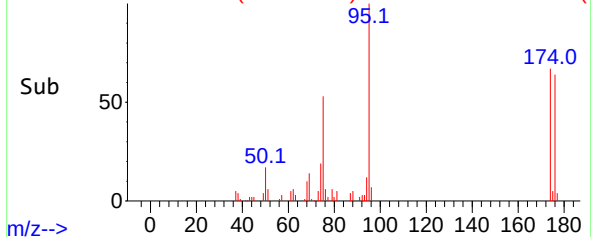
Abundance Scan 2951 (10.829 min): VU052775.D\data.ms (-1)



Ref



Raw

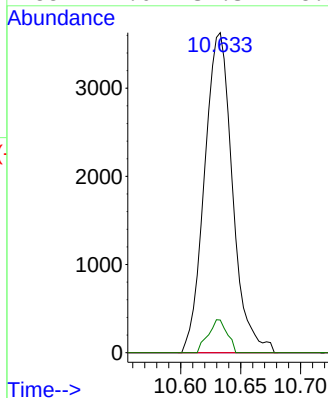


Sub

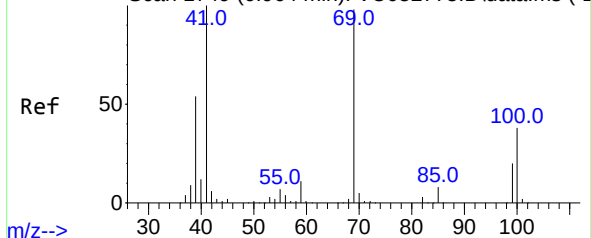
#46
t-1,4-Dichloro-2-butene
Concen: 2.410 ug/l
RT: 10.633 min Scan# 2968
Delta R.T. -0.196 min
Lab File: VU053018.D
Acq: 09 Feb 2023 14:55

Instrument :
MSVOA_U
ClientSampleId :
PW-B6-L57-020723-FD

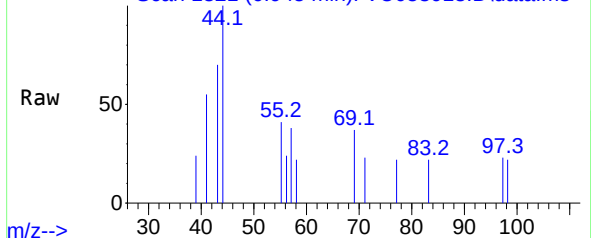
Tgt Ion:	75	Resp:	5884
Ion	Ratio	Lower	Upper
75	100		
53	0.0	57.0	85.4#
89	0.0	41.1	61.7#
88	7.0	32.3	48.5#



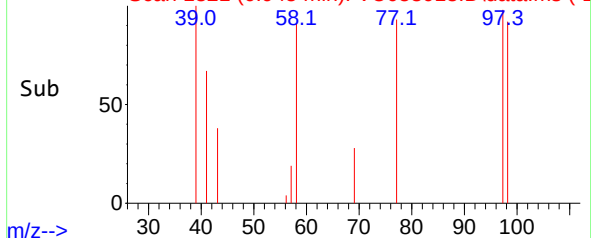
Abundance Scan 1749 (6.964 min): VU052775.D\data.ms (-1)



Ref



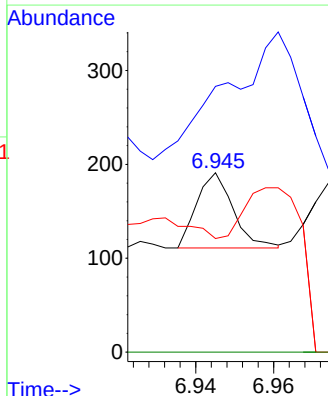
Raw

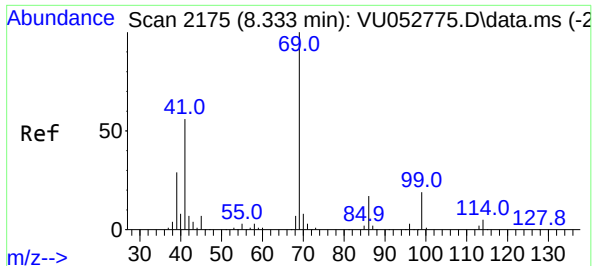


Sub

#47
Methyl methacrylate
Concen: 0.013 ug/l
RT: 6.945 min Scan# 1821
Delta R.T. -0.019 min
Lab File: VU053018.D
Acq: 09 Feb 2023 14:55

Tgt Ion:	69	Resp:	52
Ion	Ratio	Lower	Upper
69	100		
41	503.8	0.0	201.8#
39	357.7	44.0	66.0#
100	0.0	31.5	47.3#





#48

Ethyl methacrylate

Concen: 0.015 ug/l

RT: 8.360 min Scan# 21

Delta R.T. 0.026 min

Lab File: VU053018.D

Acq: 09 Feb 2023 14:55

Instrument :

MSVOA_U

ClientSampleId :

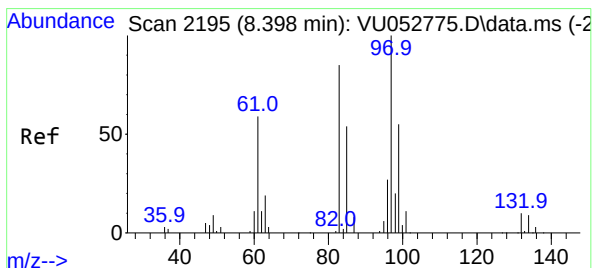
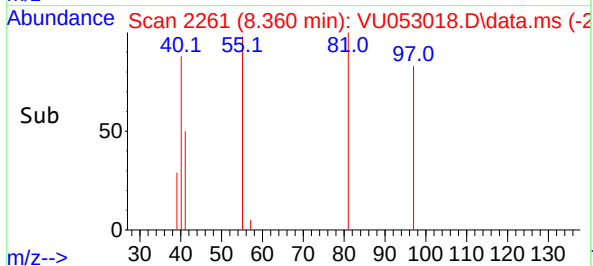
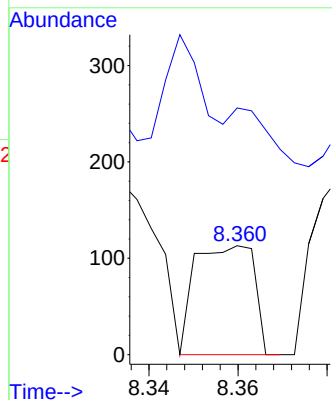
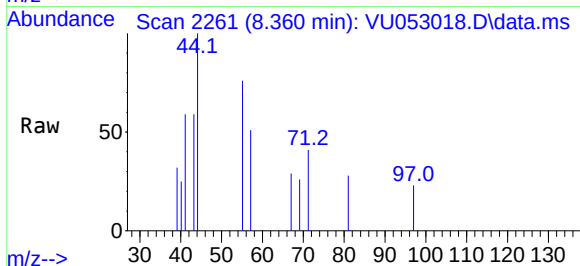
PW-B6-L57-020723-FD

Tgt Ion: 69 Resp: 104

Ion Ratio Lower Upper

69 100

41 55.8 28.1 84.4



#52

1,1,2-Trichloroethane

Concen: 0.003 ug/l

RT: 8.414 min Scan# 2278

Delta R.T. 0.017 min

Lab File: VU053018.D

Acq: 09 Feb 2023 14:55

Tgt Ion: 97 Resp: 19

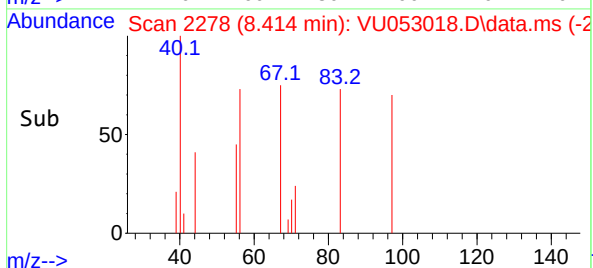
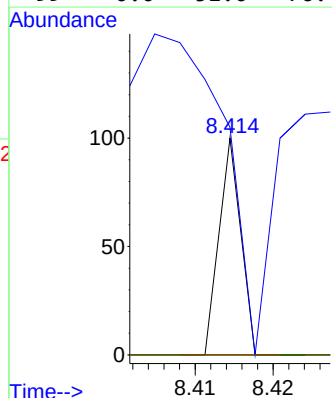
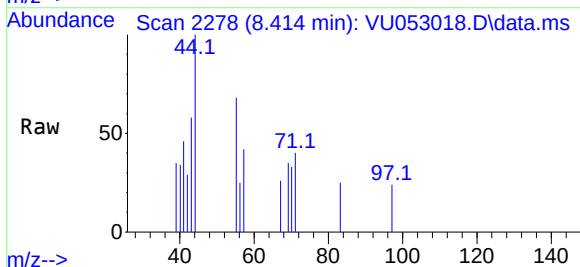
Ion Ratio Lower Upper

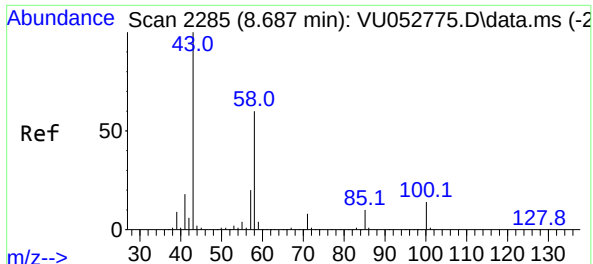
97 100

83 5.0 68.2 102.2#

85 0.0 44.5 66.7#

99 0.0 51.0 76.4#

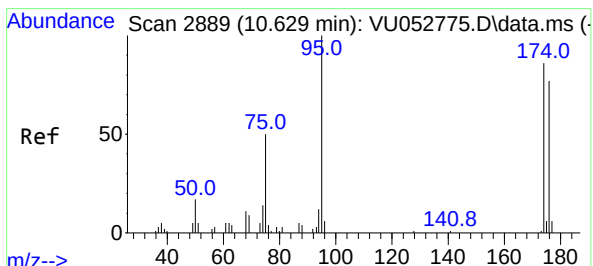
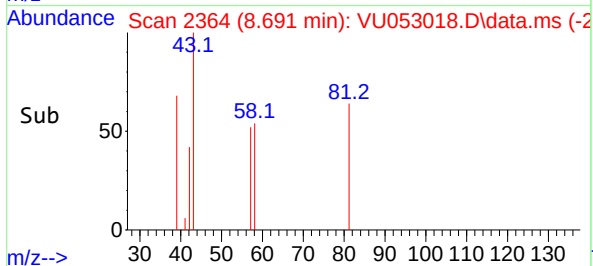
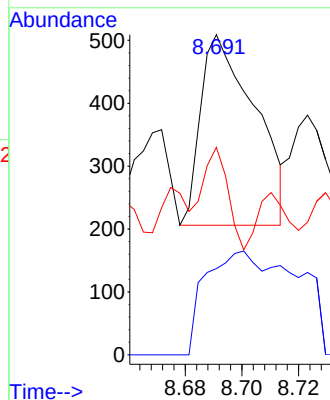
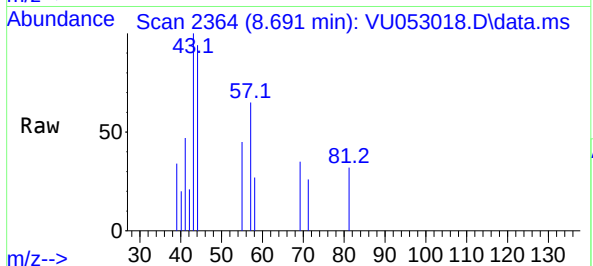




#54
2-Hexanone
Concen: 0.098 ug/l
RT: 8.691 min Scan# 21
Delta R.T. 0.004 min
Lab File: VU053018.D
Acq: 09 Feb 2023 14:55

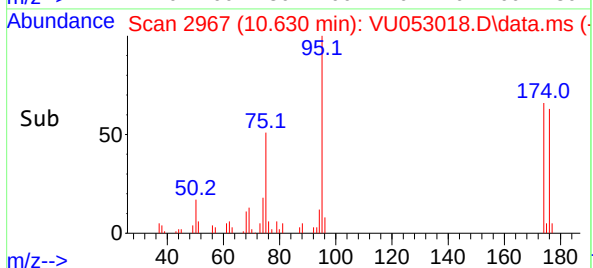
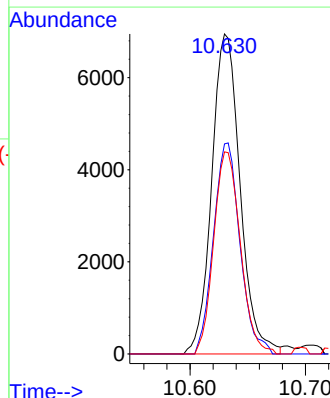
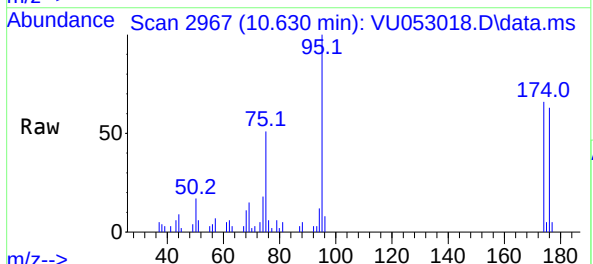
Instrument :
MSVOA_U
ClientSampleId :
PW-B6-L57-020723-FD

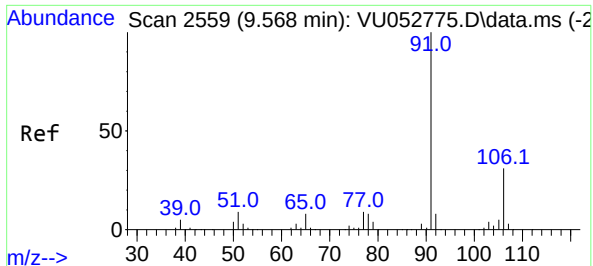
Tgt Ion: 43 Resp: 401
Ion Ratio Lower Upper
43 100
58 0.0 40.0 80.0#
57 25.4 0.6 40.6



#57
4-Bromofluorobenzene
Concen: 1.099 ug/l
RT: 10.630 min Scan# 2967
Delta R.T. 0.001 min
Lab File: VU053018.D
Acq: 09 Feb 2023 14:55

Tgt Ion: 95 Resp: 11885
Ion Ratio Lower Upper
95 100
174 61.5 66.9 100.3#
176 59.2 61.9 92.9#

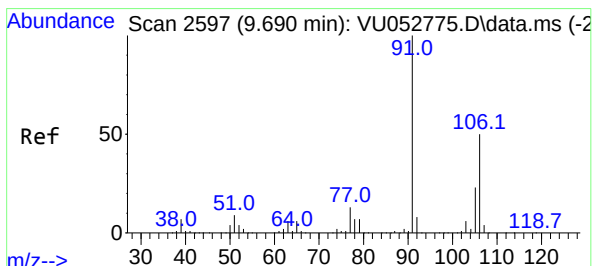
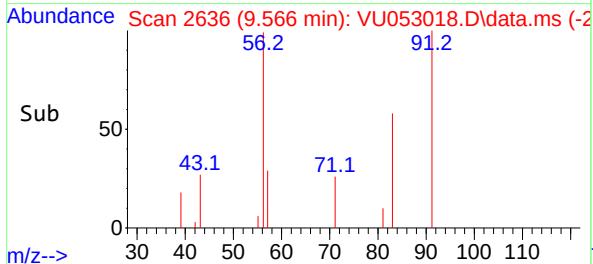
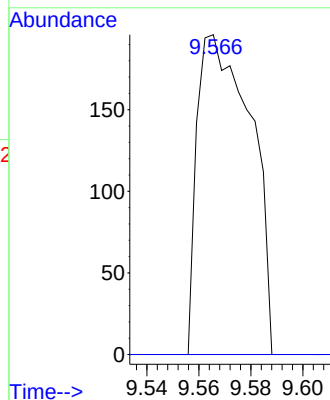
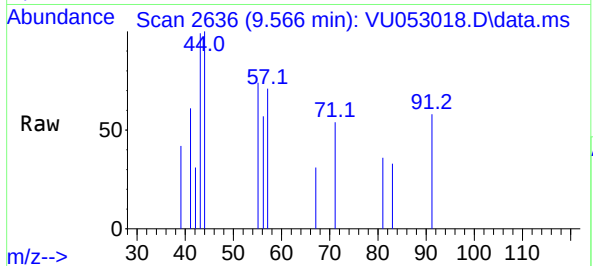




#63
Ethyl Benzene
Concen: 0.008 ug/l
RT: 9.566 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU053018.D
Acq: 09 Feb 2023 14:55

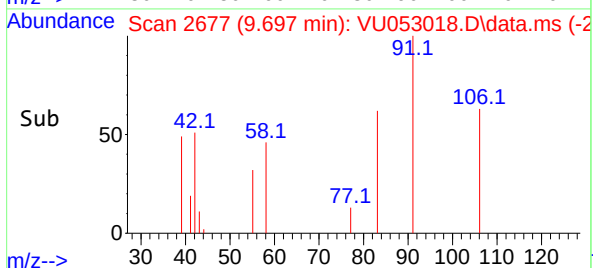
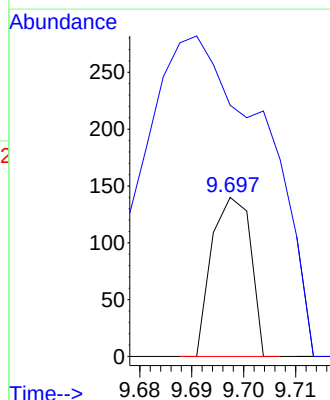
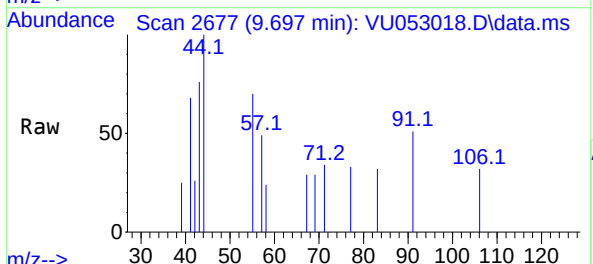
Instrument : MSVOA_U
ClientSampleId : PW-B6-L57-020723-FD

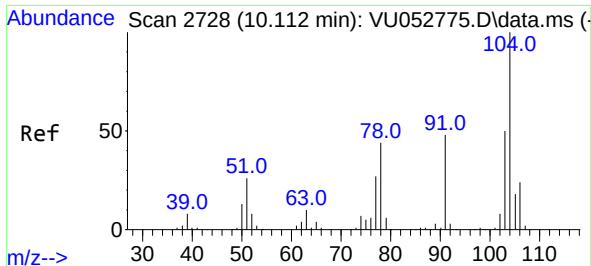
Tgt Ion: 91 Resp: 280
Ion Ratio Lower Upper
91 100
106 0.0 25.1 37.7#



#64
m/p-Xylenes
Concen: 0.005 ug/l
RT: 9.697 min Scan# 2677
Delta R.T. 0.007 min
Lab File: VU053018.D
Acq: 09 Feb 2023 14:55

Tgt Ion: 106 Resp: 73
Ion Ratio Lower Upper
106 100
91 606.8 158.7 238.1#

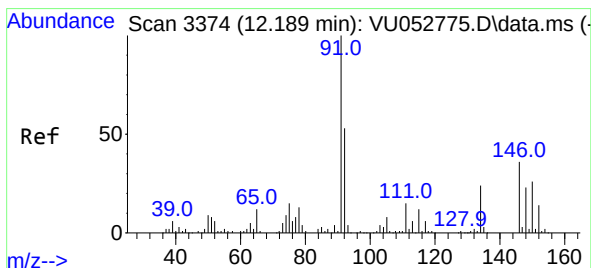
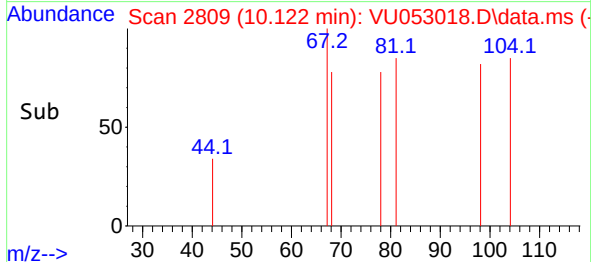
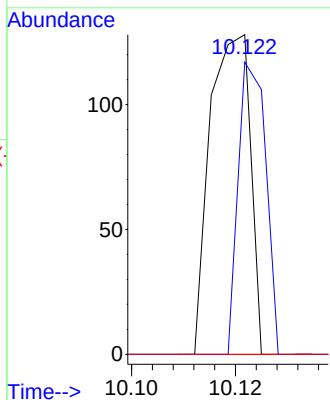
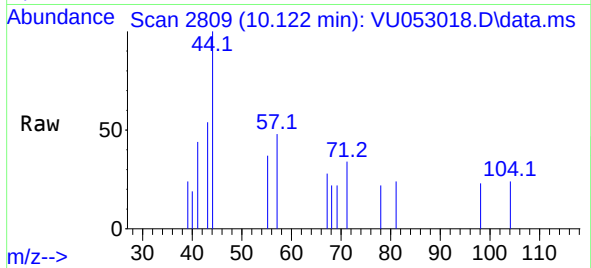




#66
Styrene
Concen: 0.423 ug/l
RT: 10.122 min Scan# 21
Delta R.T. 0.010 min
Lab File: VU053018.D
Acq: 09 Feb 2023 14:55

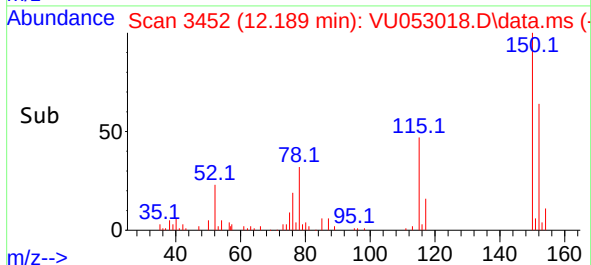
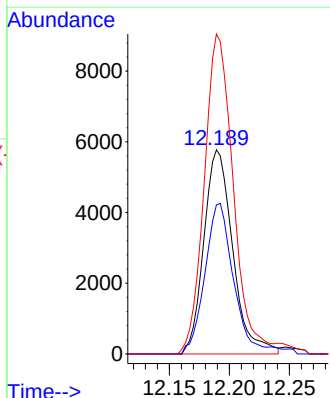
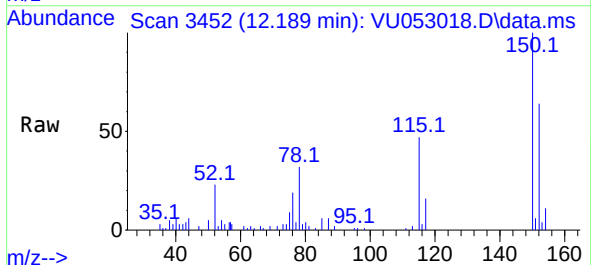
Instrument :
MSVOA_U
ClientSampleId :
PW-B6-L57-020723-FD

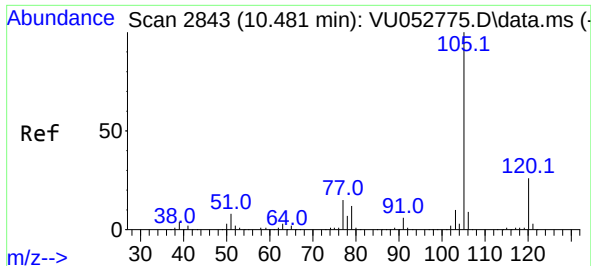
Tgt Ion:104 Resp: 69
Ion Ratio Lower Upper
104 100
78 62.3 39.6 59.4#
103 0.0 42.9 64.3#



#68
1,2-Dichlorobenzene-d4
Concen: 0.871 ug/l
RT: 12.189 min Scan# 3452
Delta R.T. 0.001 min
Lab File: VU053018.D
Acq: 09 Feb 2023 14:55

Tgt Ion:152 Resp: 9692
Ion Ratio Lower Upper
152 100
115 73.9 0.0 262.6
150 156.8 0.0 638.0





#69

Isopropylbenzene

Concen: 0.004 ug/l

RT: 10.485 min Scan# 29

Delta R.T. 0.004 min

Lab File: VU053018.D

Acq: 09 Feb 2023 14:55

Instrument :

MSVOA_U

ClientSampleId :

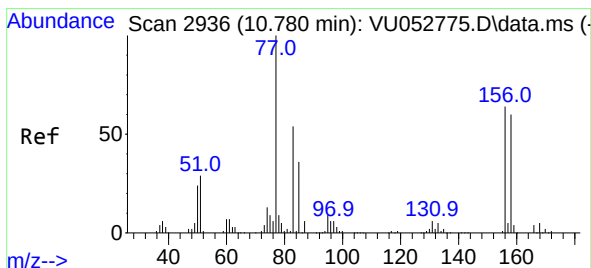
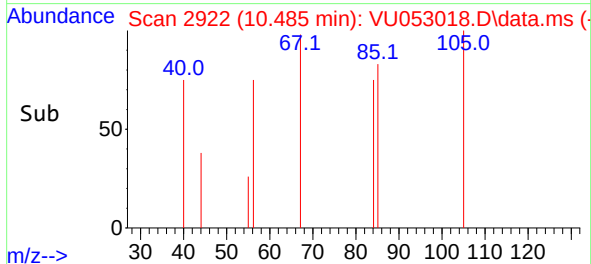
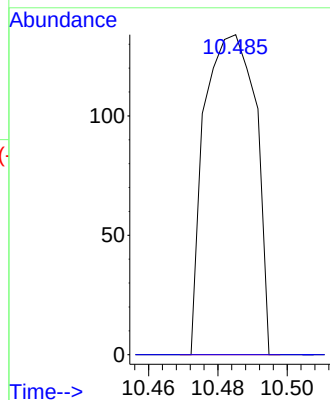
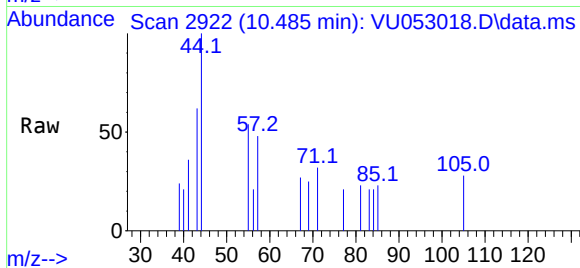
PW-B6-L57-020723-FD

Tgt Ion:105 Resp: 137

Ion Ratio Lower Upper

105 100

120 0.0 13.3 39.9#



#70

1,1,2,2-Tetrachloroethane

Concen: 0.031 ug/l

RT: 10.774 min Scan# 3012

Delta R.T. -0.006 min

Lab File: VU053018.D

Acq: 09 Feb 2023 14:55

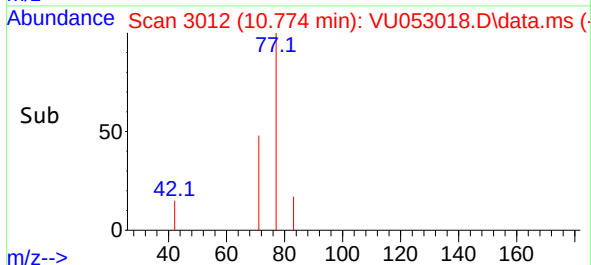
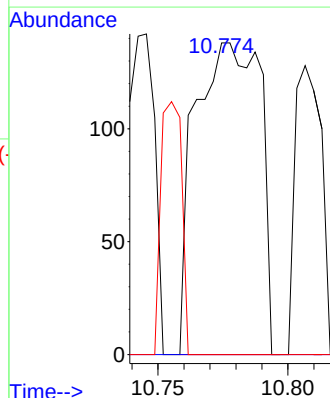
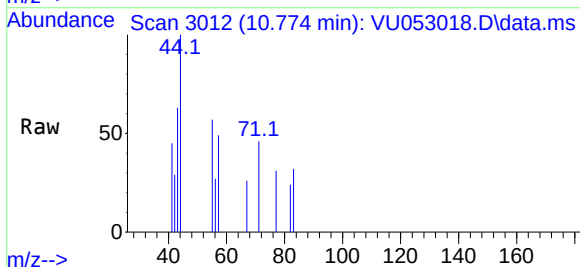
Tgt Ion: 83 Resp: 240

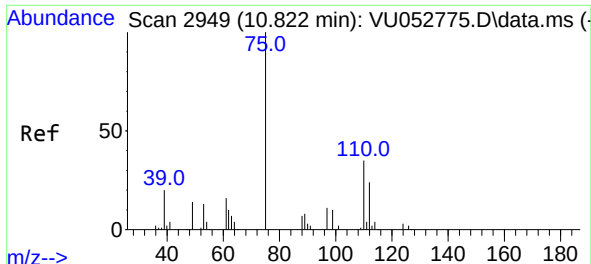
Ion Ratio Lower Upper

83 100

131 0.0 8.6 13.0#

85 0.0 52.6 78.8#

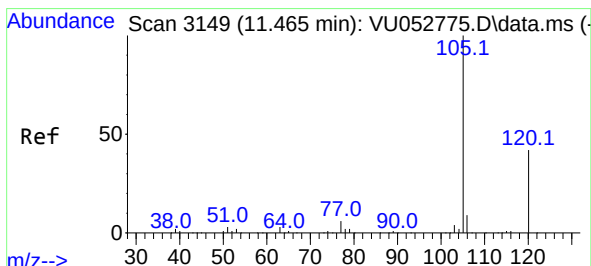
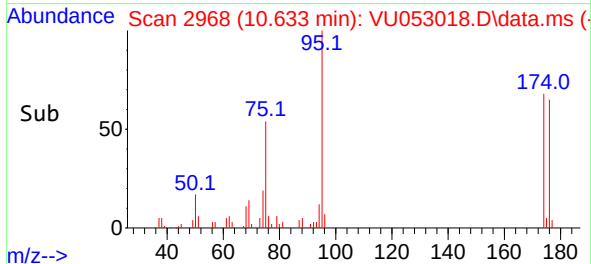
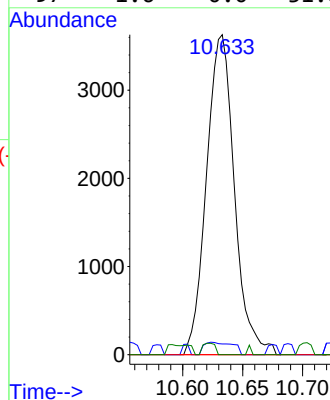
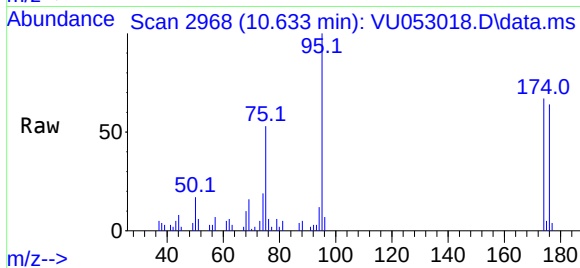




#71
1,2,3-Trichloropropane
Concen: 0.865 ug/l
RT: 10.633 min Scan# 2949
Delta R.T. -0.189 min
Lab File: VU053018.D
Acq: 09 Feb 2023 14:55

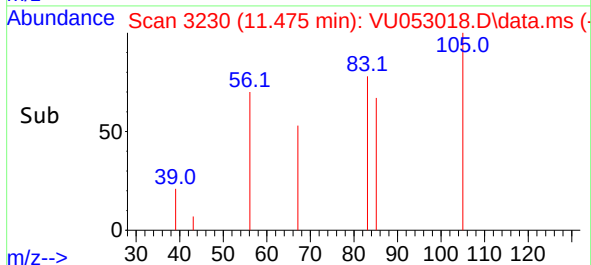
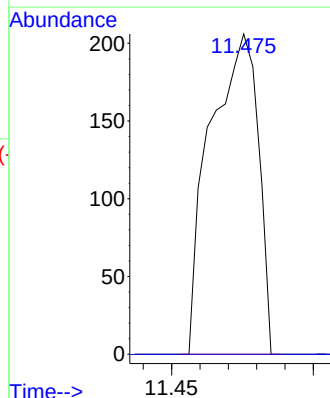
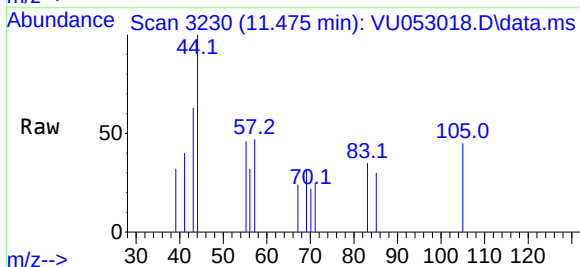
Instrument :
MSVOA_U
ClientSampleId :
PW-B6-L57-020723-FD

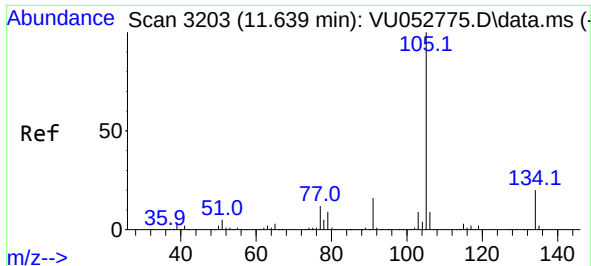
Tgt Ion: 75	Resp: 5884
Ion Ratio	Lower Upper
75 100	
77 4.0	0.0 86.0
110 0.0	0.0 63.8
97 1.6	0.0 31.8



#78
1,2,4-Trimethylbenzene
Concen: 0.461 ug/l
RT: 11.475 min Scan# 3230
Delta R.T. 0.010 min
Lab File: VU053018.D
Acq: 09 Feb 2023 14:55

Tgt Ion:105	Resp:	242	
Ion	Ratio	Lower	Upper
105	100		
120	0.0	23.4	70.3#





#79

sec-Butylbenzene

Concen: 0.432 ug/l

RT: 11.643 min Scan# 31

Delta R.T. 0.004 min

Lab File: VU053018.D

Acq: 09 Feb 2023 14:55

Instrument :

MSVOA_U

ClientSampleId :

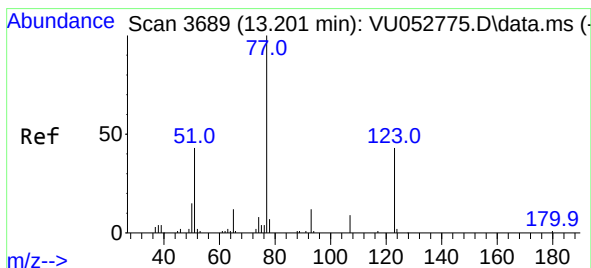
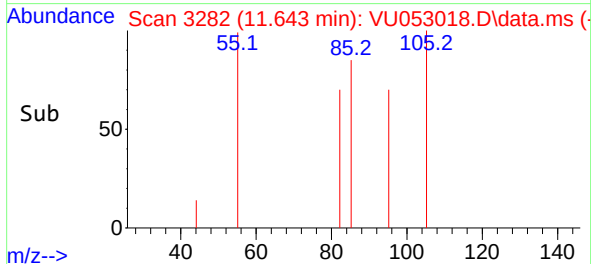
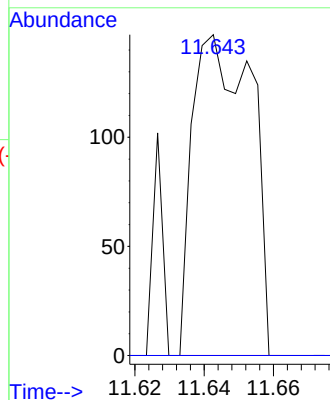
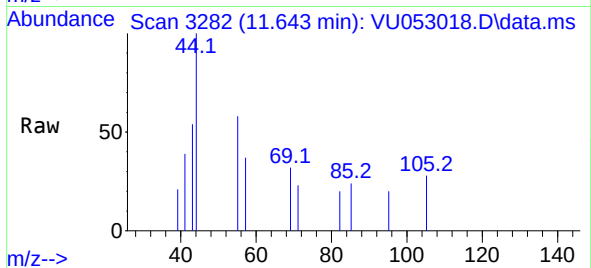
PW-B6-L57-020723-FD

Tgt Ion:105 Resp: 173

Ion Ratio Lower Upper

105 100

134 0.0 16.5 24.7#



#80

Nitrobenzene

Concen: 0.247 ug/l

RT: 13.192 min Scan# 3764

Delta R.T. -0.009 min

Lab File: VU053018.D

Acq: 09 Feb 2023 14:55

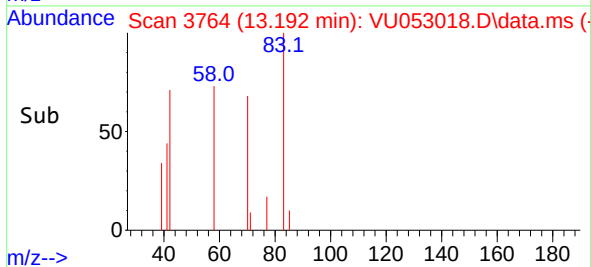
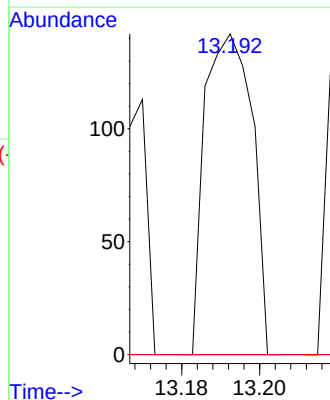
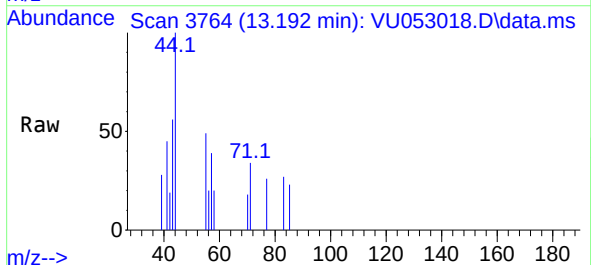
Tgt Ion: 77 Resp: 120

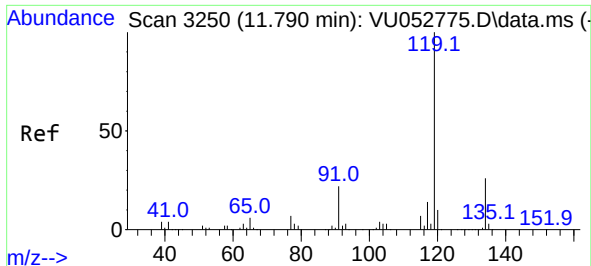
Ion Ratio Lower Upper

77 100

123 0.0 18.8 66.8#

65 0.0 10.1 12.9#

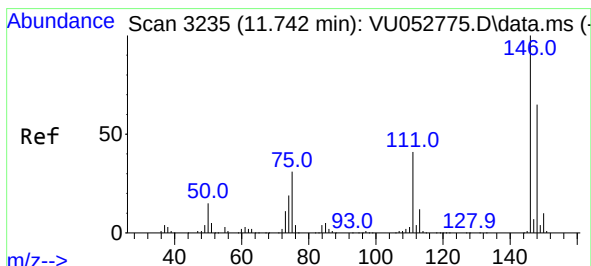
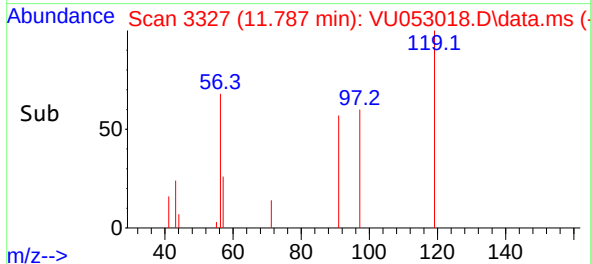
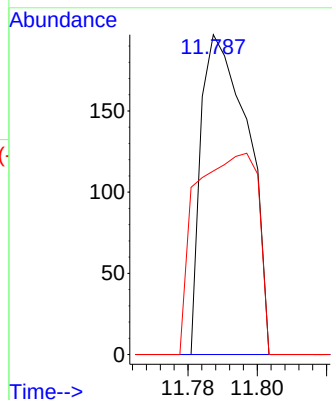
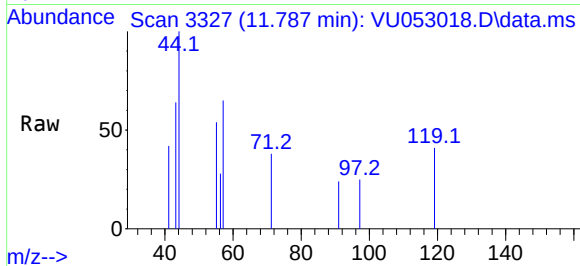




#81
p-Isopropyltoluene
Concen: 0.489 ug/l
RT: 11.787 min Scan# 3327
Delta R.T. -0.003 min
Lab File: VU053018.D
Acq: 09 Feb 2023 14:55

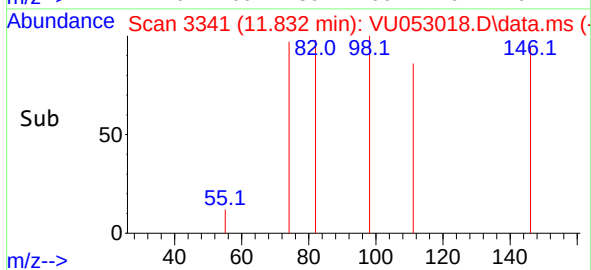
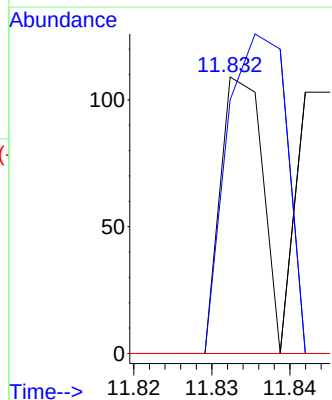
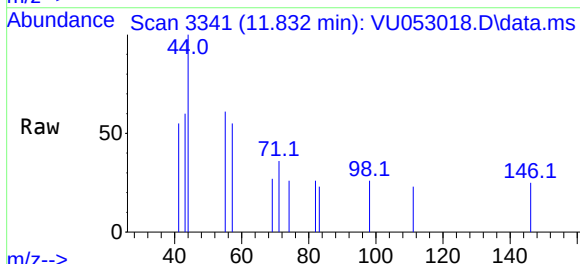
Instrument :
MSVOA_U
ClientSampleId :
PW-B6-L57-020723-FD

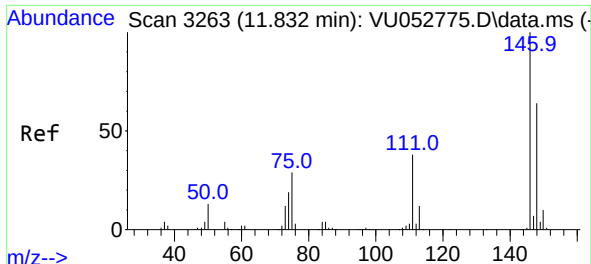
Tgt Ion:119 Resp: 185
Ion Ratio Lower Upper
119 100
134 0.0 20.7 31.1#
91 83.2 17.6 26.4#



#82
1,3-Dichlorobenzene
Concen: 0.002 ug/l
RT: 11.832 min Scan# 3341
Delta R.T. 0.091 min
Lab File: VU053018.D
Acq: 09 Feb 2023 14:55

Tgt Ion:146 Resp: 41
Ion Ratio Lower Upper
146 100
111 163.4 32.6 48.8#
148 0.0 51.9 77.9#

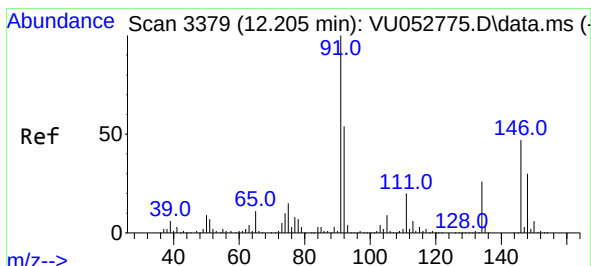
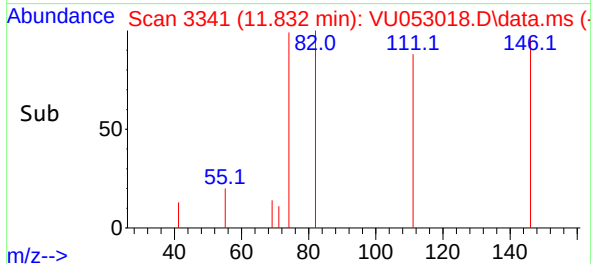
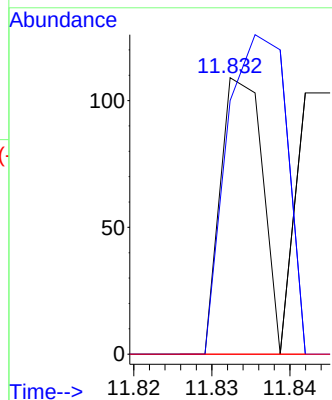
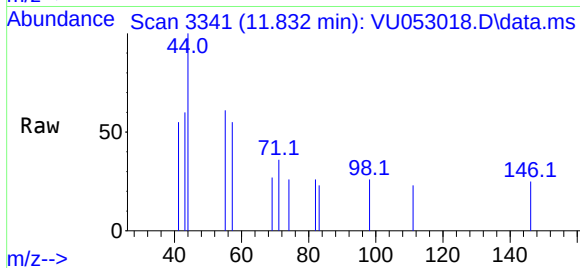




#83
1,4-Dichlorobenzene
Concen: 0.002 ug/l
RT: 11.832 min Scan# 311
Delta R.T. 0.001 min
Lab File: VU053018.D
Acq: 09 Feb 2023 14:55

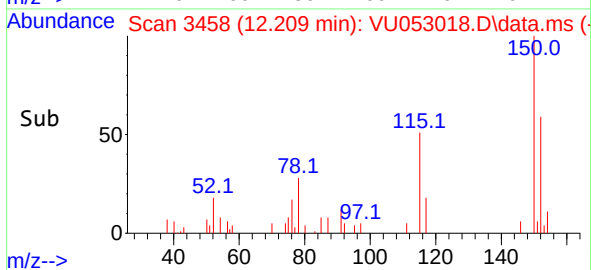
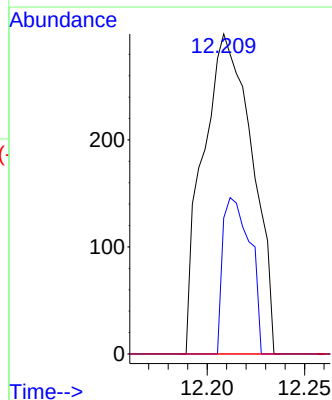
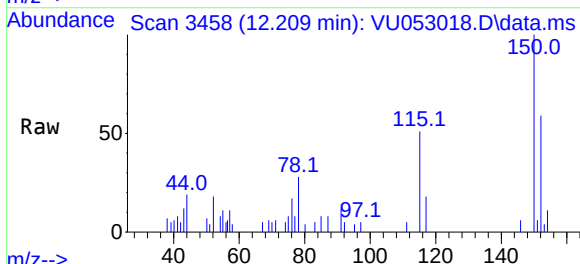
Instrument :
MSVOA_U
ClientSampleId :
PW-B6-L57-020723-FD

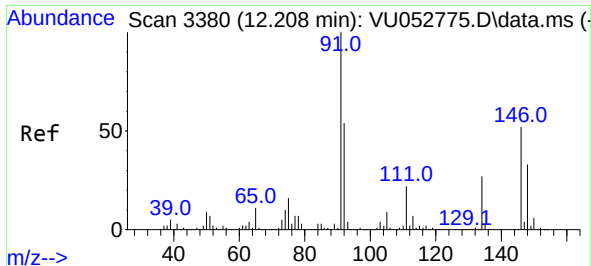
Tgt Ion:	146	Resp:	41
Ion	Ratio	Lower	Upper
146	100		
111	163.4	29.5	44.3#
148	0.0	51.4	77.0#



#84
n-Butylbenzene
Concen: 0.567 ug/l
RT: 12.209 min Scan# 3458
Delta R.T. 0.004 min
Lab File: VU053018.D
Acq: 09 Feb 2023 14:55

Tgt Ion:	91	Resp:	523
Ion	Ratio	Lower	Upper
91	100		
92	27.2	43.4	65.0#
134	0.0	21.2	31.8#

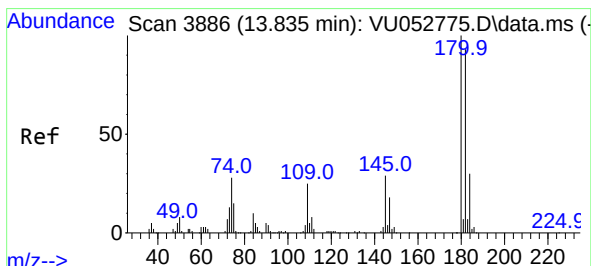
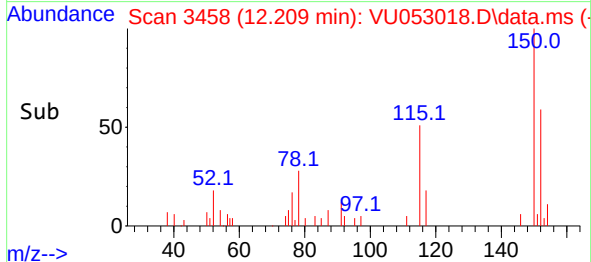
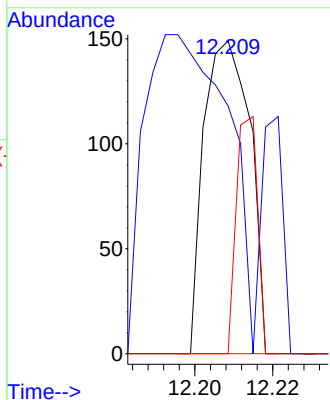
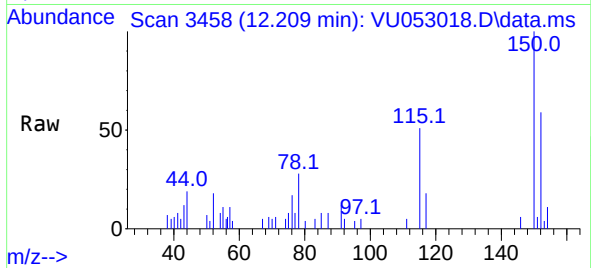




#85
 1,2-Dichlorobenzene
 Concen: 0.007 ug/l
 RT: 12.209 min Scan# 3458
 Delta R.T. 0.001 min
 Lab File: VU053018.D
 Acq: 09 Feb 2023 14:55

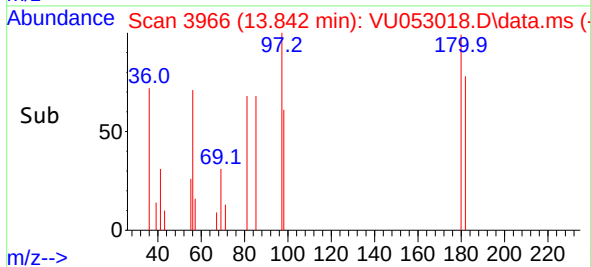
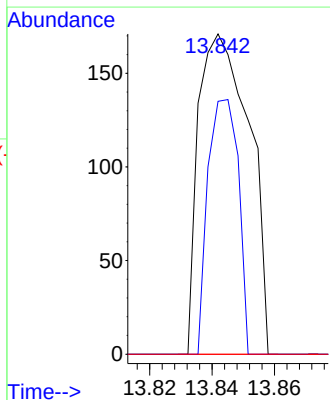
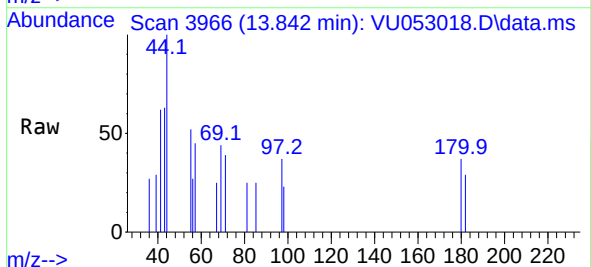
Instrument : MSVOA_U
 ClientSampleId : PW-B6-L57-020723-FD

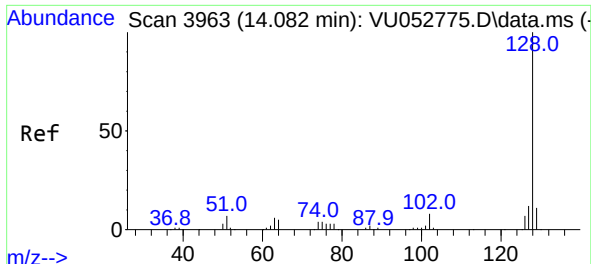
Tgt Ion:146	Resp:	123	
Ion	Ratio	Lower	Upper
146	100		
111	35.0	20.8	62.5
148	35.0	31.4	94.2



#87
 1,2,4-Trichlorobenzene
 Concen: 0.018 ug/l
 RT: 13.842 min Scan# 3966
 Delta R.T. 0.007 min
 Lab File: VU053018.D
 Acq: 09 Feb 2023 14:55

Tgt Ion:180	Resp:	193	
Ion	Ratio	Lower	Upper
180	100		
182	47.7	74.6	112.0#
145	0.0	23.4	35.0#

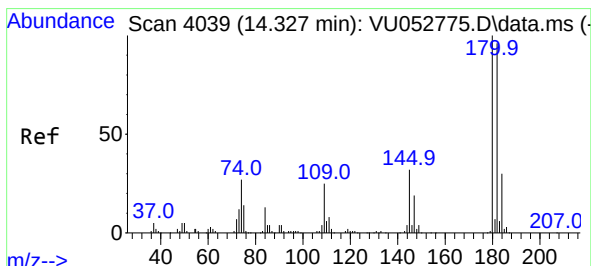
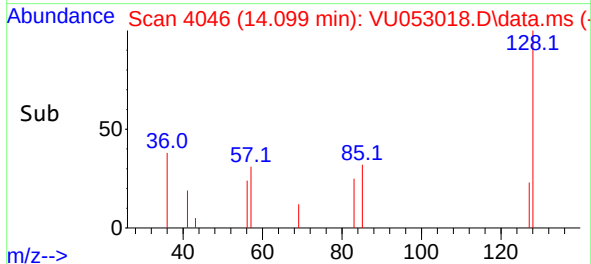
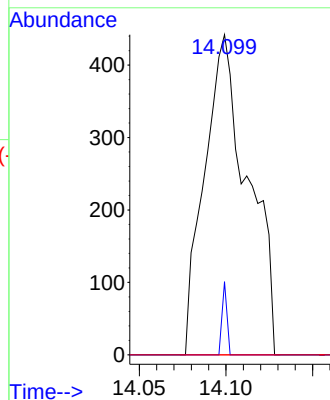
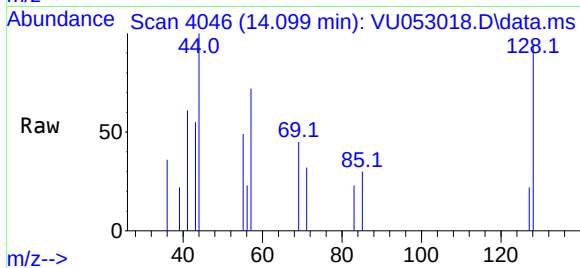




#89
Naphthalene
Concen: 0.038 ug/l
RT: 14.099 min Scan# 4117
Delta R.T. 0.017 min
Lab File: VU053018.D
Acq: 09 Feb 2023 14:55

Instrument :
MSVOA_U
ClientSampleId :
PW-B6-L57-020723-FD

Tgt Ion:	128	Resp:	772
Ion	Ratio	Lower	Upper
128	100		
127	2.5	10.2	15.4#
129	0.0	8.6	12.8#



#90
1,2,3-Trichlorobenzene
Concen: 0.012 ug/l
RT: 14.331 min Scan# 4118
Delta R.T. 0.004 min
Lab File: VU053018.D
Acq: 09 Feb 2023 14:55

Tgt Ion:	180	Resp:	120
Ion	Ratio	Lower	Upper
180	100		
182	59.2	77.8	116.6#
145	0.0	25.2	37.8#

