

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081922\
 Data File : VU050386.D
 Acq On : 19 Aug 2022 23:42
 Operator : SY/MD
 Sample : N3734-11
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 WS-REGULATED-VOCS

Quant Time: Aug 20 06:30:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U081922DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Aug 19 15:06:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.111	96	36288	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.632	95	12838	1.039	ug/l	0.00
Spiked Amount 1.000			Recovery	=	104.000%	
68) 1,2-Dichlorobenzene-d4	12.195	152	15425	1.056	ug/l	0.00
Spiked Amount 1.000			Recovery	=	106.000%	
Target Compounds						
						Qvalue
3) Chloromethane	1.517	50	774	0.042	ug/l	# 75
4) Vinyl Chloride	1.604	62	454233	29.076	ug/l	100
5) Bromomethane	1.861	94	42	0.007	ug/l	# 4
8) 1,1,2-Trichloro-1,2,2-...	2.571	101	380	0.035	ug/l	# 19
9) 1,1-Dichloroethene	2.578	96	84174	7.876	ug/l	95
11) Allyl Chloride	3.044	41	11664	0.708	ug/l	# 18
12) Acrylonitrile	3.186	53	141	0.044	ug/l	# 52
13) Acetone	2.636	43	1760	0.785	ug/l	93
14) Carbon Disulfide	2.790	76	3245	0.098	ug/l	# 89
15) Methylene Chloride	3.044	84	300997	20.816	ug/l	93
16) trans-1,2-Dichloroethene	3.349	96	97177	8.798	ug/l	96
18) 2-Butanone	4.745	43	279	0.079	ug/l	75
20) Methylcyclohexane	6.796	83	1615	0.123	ug/l	# 30
21) 2,2-Dichloropropane	4.645	77	90	0.005	ug/l	# 1
22) cis-1,2-Dichloroethene	4.661	96	131418	10.517	ug/l	91
23) Diethyl Ether	2.581	59	4189	0.456	ug/l	# 17
24) tert-Butyl Alcohol	3.189	59	17823	18.354	ug/l	# 74
25) Methyl tert-Butyl Ether	3.382	73	340	0.012	ug/l	# 84
27) Chloroform	5.089	83	3105	0.139	ug/l	85
28) 1,1,1-Trichloroethane	5.311	97	226824	11.923	ug/l	99
30) Carbon Tetrachloride	5.517	117	170551	11.200	ug/l	97
31) Isopropyl Ether	4.002	45	2325	0.065	ug/l	67
32) Ethyl-t-butyl ether	4.501	59	618	0.022	ug/l	# 35
33) Tert-Amyl methyl ether	5.771	73	18363	1.005	ug/l	# 57
35) Benzene	5.771	78	1055782	23.569	ug/l	98
36) 1,2-Dichloroethane	5.796	62	104440	7.636	ug/l	99
37) Trichloroethene	6.539	130	62945	5.862	ug/l	97
38) 1,2-Dichloropropane	6.793	63	232071	19.301	ug/l	99
39) Methacrylonitrile	4.806	41	78	0.018	ug/l	# 46
40) Methyl acrylate	4.713	55	65	0.010	ug/l	# 1
41) Tetrahydrofuran	5.089	42	20	0.009	ug/l	# 31
44) Bromodichloromethane	7.111	83	2375	0.155	ug/l	# 94
45) 4-Methyl-2-Pentanone	7.812	43	958	0.147	ug/l	# 53
46) t-1,4-Dichloro-2-butene	10.632	75	6611	2.181	ug/l	# 23
49) Toluene	7.970	92	555016	23.061	ug/l	96
52) 1,1,2-Trichloroethane	8.404	97	143116	15.024	ug/l	99
54) 2-Hexanone	8.700	43	181	0.040	ug/l	# 58
58) Tetrachloroethene	8.552	164	59188	5.857	ug/l	98
59) Chlorobenzene	9.449	112	434805	16.742	ug/l	98
63) Ethyl Benzene	9.571	91	603164	11.393	ug/l	99
64) m/p-Xylenes	9.693	106	439503	21.011	ug/l	98
65) o-Xylene	10.102	106	211998	10.868	ug/l	99
66) Styrene	10.115	104	456240	12.989	ug/l	96

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

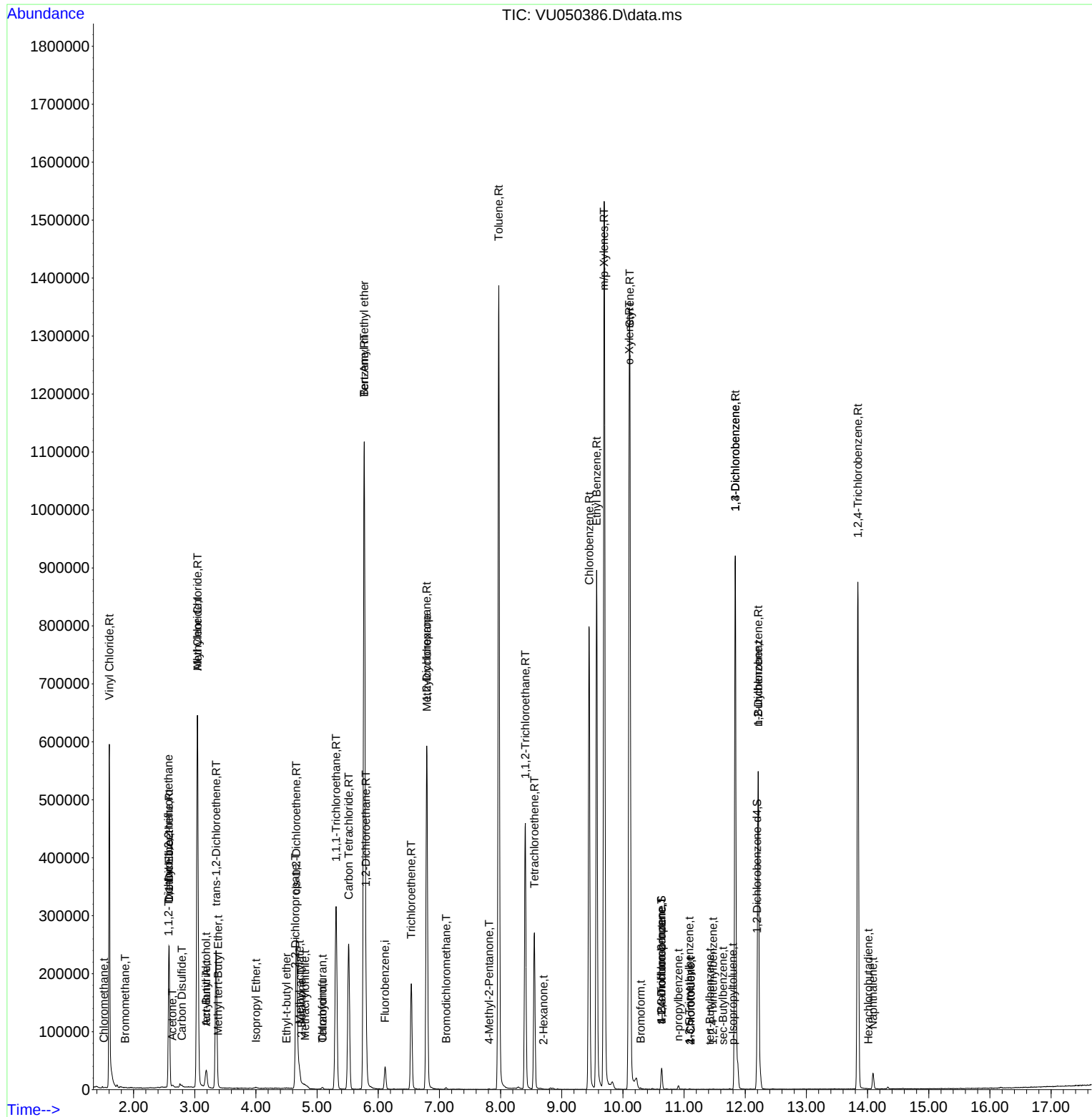
67) Bromoform	10.291	173	503	0.085	ug/l #	90
71) 1,2,3-Trichloropropane	10.632	75	6611	0.671	ug/l #	36
73) n-propylbenzene	10.909	120	1241	0.674	ug/l	89
74) 2-Chlorotoluene	11.105	126	67	0.395	ug/l #	1
75) 1,3,5-Trimethylbenzene	11.086	105	395	0.532	ug/l	97
76) 4-Chlorotoluene	11.105	126	67	0.406	ug/l #	1
77) tert-Butylbenzene	11.420	119	95	0.496	ug/l #	46
78) 1,2,4-Trimethylbenzene	11.471	105	404	0.573	ug/l #	48
79) sec-Butylbenzene	11.635	105	371	0.555	ug/l #	69
81) p-Isopropyltoluene	11.793	119	197	0.005	ug/l #	60
82) 1,3-Dichlorobenzene	11.838	146	397758	17.228	ug/l	98
83) 1,4-Dichlorobenzene	11.838	146	397758	17.329	ug/l	98
84) n-Butylbenzene	12.211	91	1281	0.614	ug/l #	79
85) 1,2-Dichlorobenzene	12.211	146	232238	10.232	ug/l	99
87) 1,2,4-Trichlorobenzene	13.841	180	278270	21.489	ug/l	99
88) Hexachlorobutadiene	14.015	225	70	0.008	ug/l #	19
89) Naphthalene	14.089	128	24413	1.589	ug/l	99

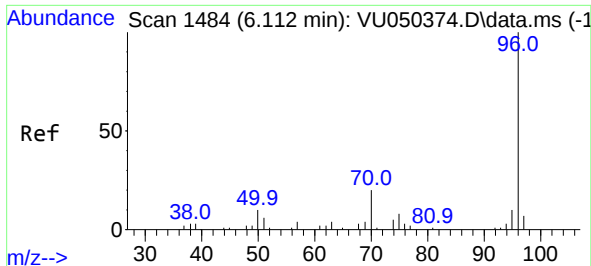
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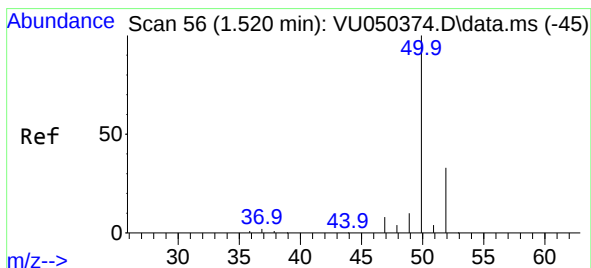
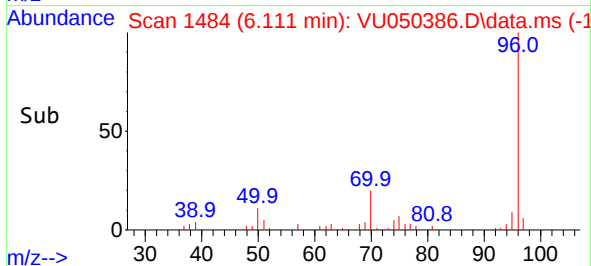
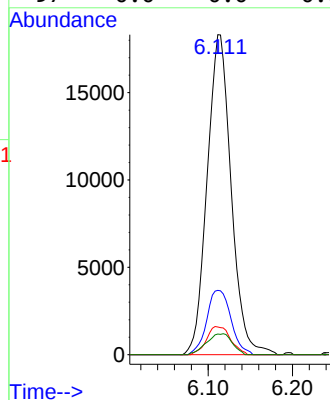
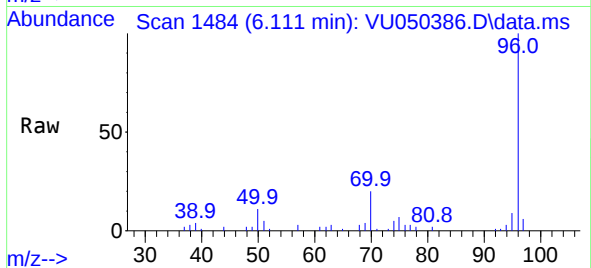


#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.111 min Scan# 14
Delta R.T. -0.001 min
Lab File: VU050386.D
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Instrument :
MSVOA_U
ClientSampleId :
WS-REGULATED-VOCS

Tgt Ion: 96 Resp: 36288

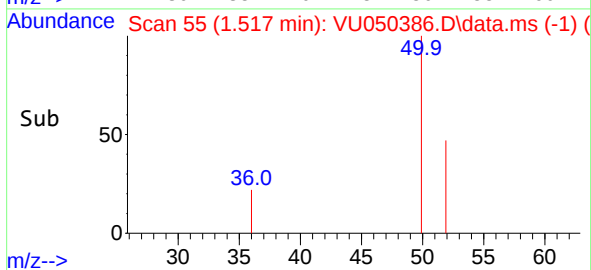
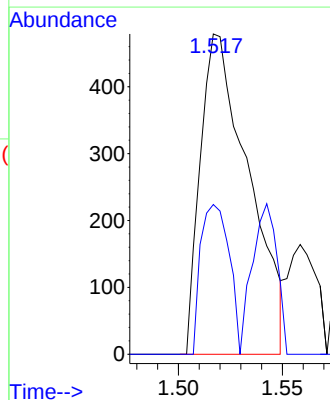
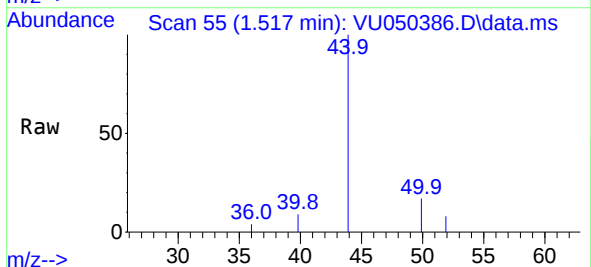
Ion	Ratio	Lower	Upper
96	100		
70	20.3	16.7	25.1
95	8.8	7.4	11.0
97	0.0	0.0	0.0

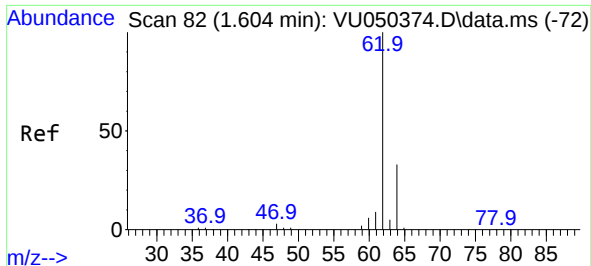


#3
Chloromethane
Concen: 0.042 ug/l
RT: 1.517 min Scan# 55
Delta R.T. -0.003 min
Lab File: VU050386.D
Acq: 19 Aug 2022 23:42

Tgt Ion: 50 Resp: 774

Ion	Ratio	Lower	Upper
50	100		
52	46.8	26.1	39.1

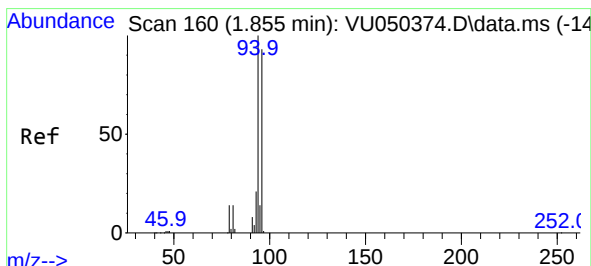
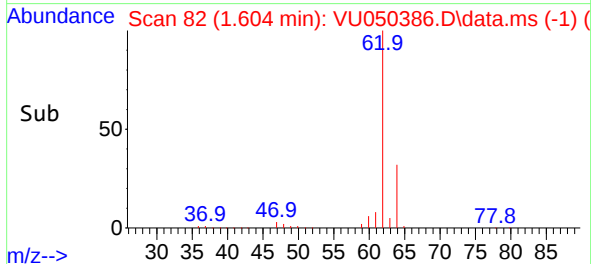
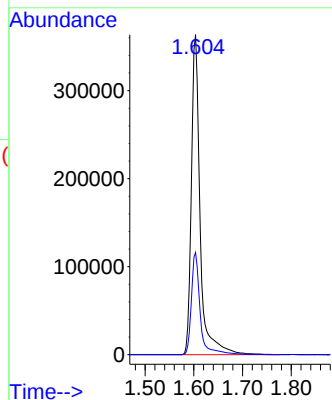
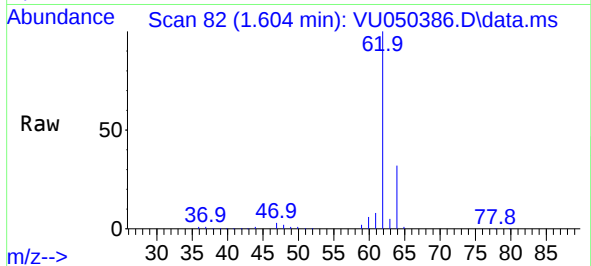




#4
 Vinyl Chloride
 Concen: 29.076 ug/l
 RT: 1.604 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU050386.D
 Acq: 19 Aug 2022 23:42

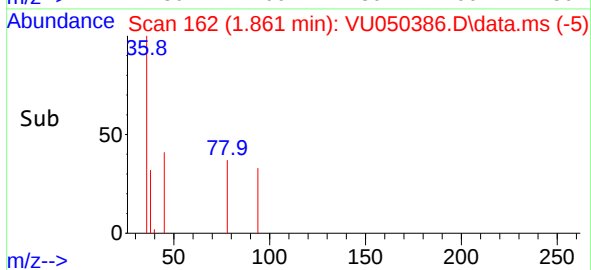
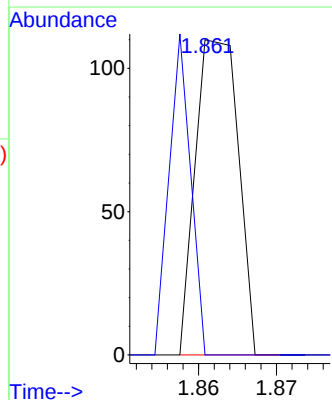
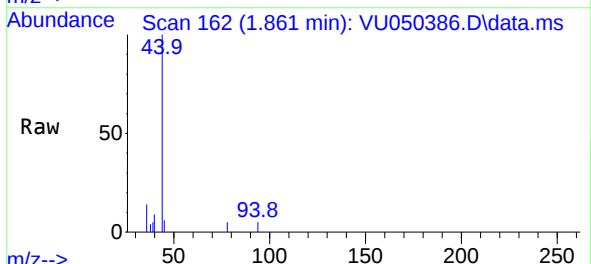
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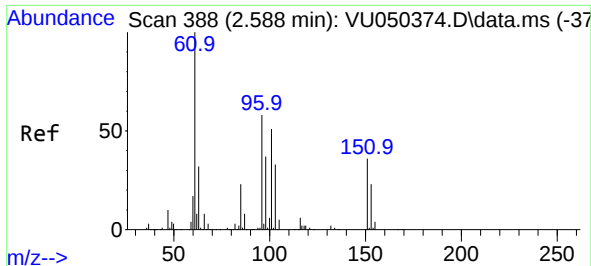
Tgt Ion: 62 Resp: 454233
 Ion Ratio Lower Upper
 62 100
 64 31.9 25.5 38.3



#5
 Bromomethane
 Concen: 0.007 ug/l
 RT: 1.861 min Scan# 162
 Delta R.T. 0.006 min
 Lab File: VU050386.D
 Acq: 19 Aug 2022 23:42

Tgt Ion: 94 Resp: 42
 Ion Ratio Lower Upper
 94 100
 96 0.0 73.0 109.6#

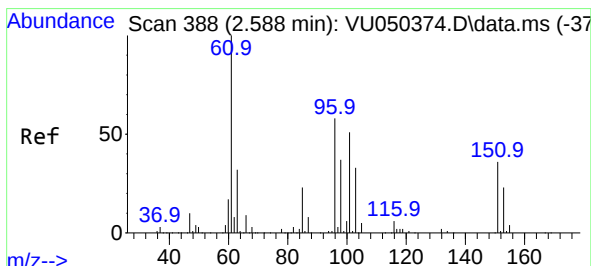
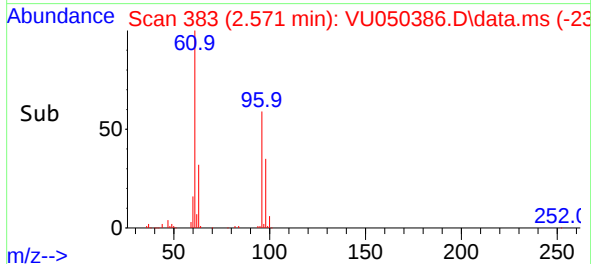
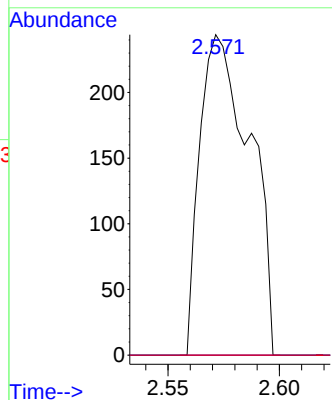
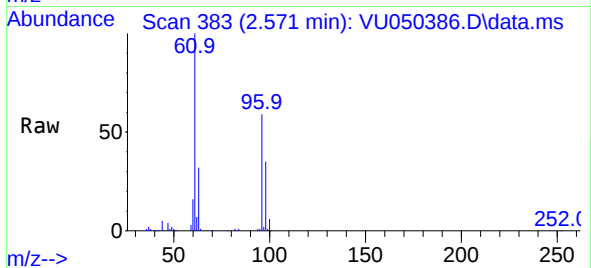




#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.035 ug/l
RT: 2.571 min Scan# 380
Delta R.T. -0.016 min
Lab File: VU050386.D
Acq: 19 Aug 2022 23:42

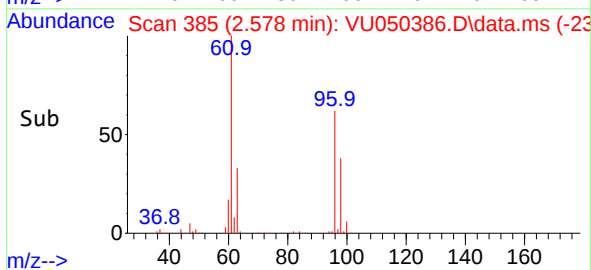
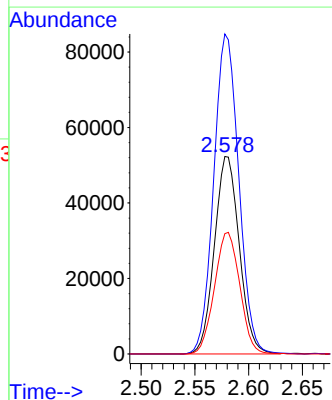
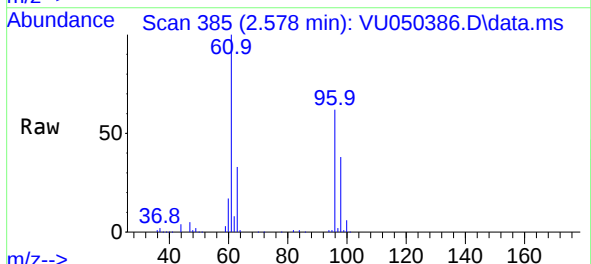
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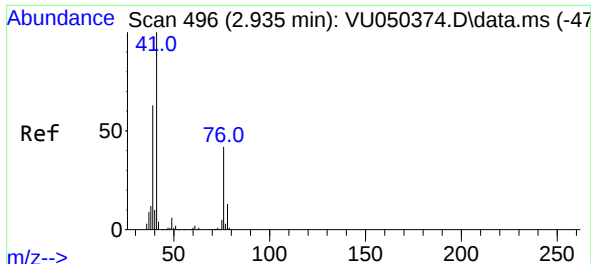
Tgt Ion:101 Resp: 380
Ion Ratio Lower Upper
101 100
85 0.0 36.4 54.6#
151 0.0 59.1 88.7#



#9
1,1-Dichloroethene
Concen: 7.876 ug/l
RT: 2.578 min Scan# 385
Delta R.T. -0.010 min
Lab File: VU050386.D
Acq: 19 Aug 2022 23:42

Tgt Ion: 96 Resp: 84174
Ion Ratio Lower Upper
96 100
61 162.1 0.0 510.6
98 60.9 0.0 124.6

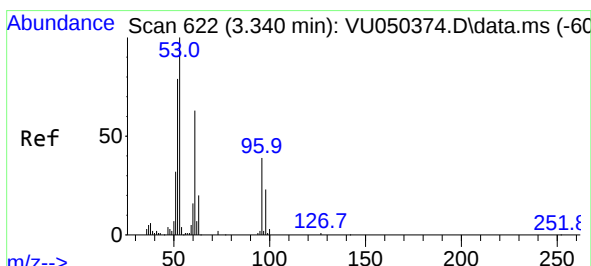
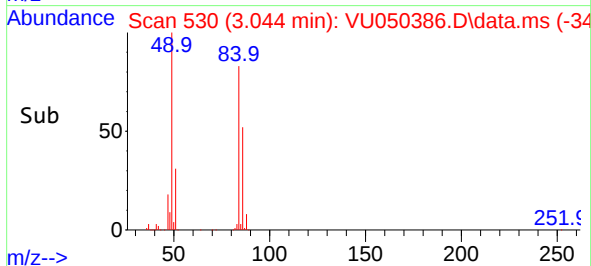
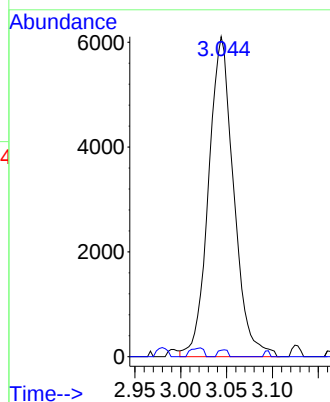
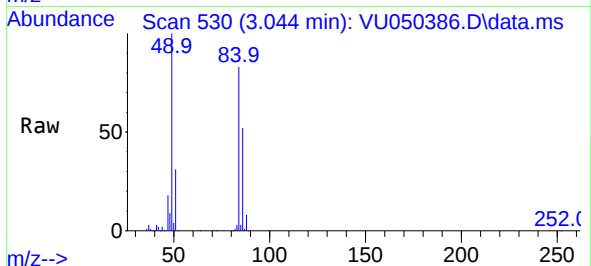




#11
 Allyl Chloride
 Concen: 0.708 ug/l
 RT: 3.044 min Scan# 511
 Delta R.T. 0.109 min
 Lab File: VU050386.D
 Acq: 19 Aug 2022 23:42

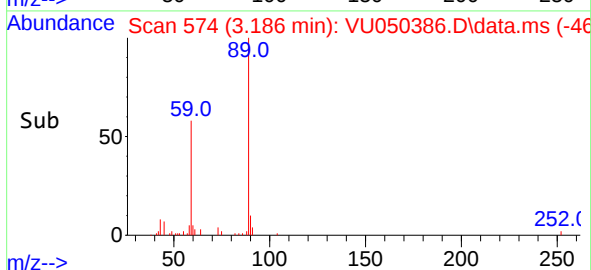
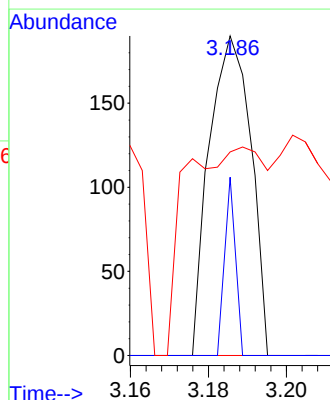
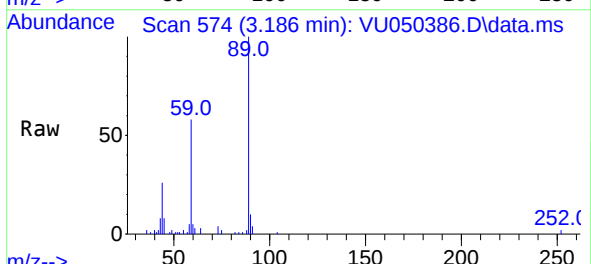
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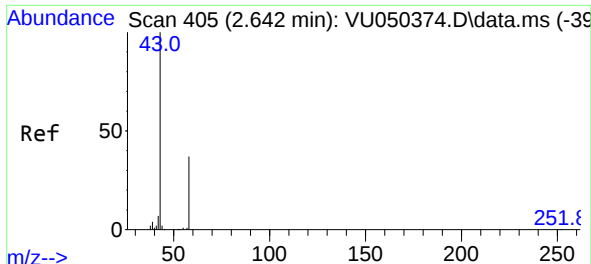
Tgt Ion: 41 Resp: 11664
 Ion Ratio Lower Upper
 41 100
 39 0.8 53.2 79.8#



#12
 Acrylonitrile
 Concen: 0.044 ug/l
 RT: 3.186 min Scan# 574
 Delta R.T. -0.155 min
 Lab File: VU050386.D
 Acq: 19 Aug 2022 23:42

Tgt Ion: 53 Resp: 141
 Ion Ratio Lower Upper
 53 100
 52 44.7 64.6 97.0#
 51 0.0 30.7 46.1#

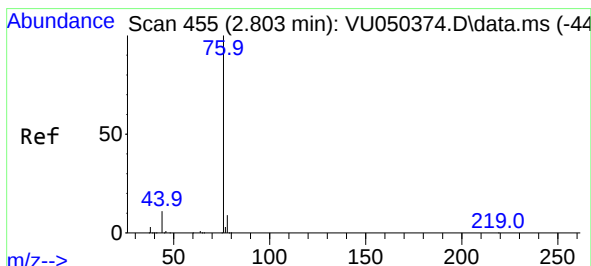
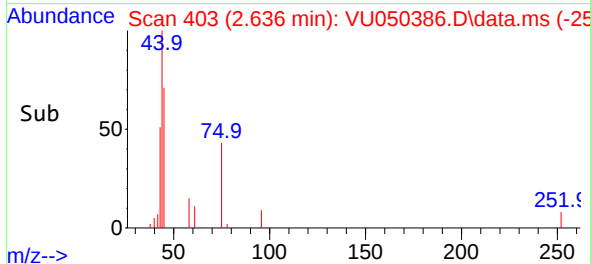
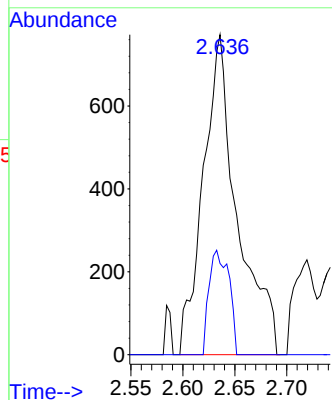
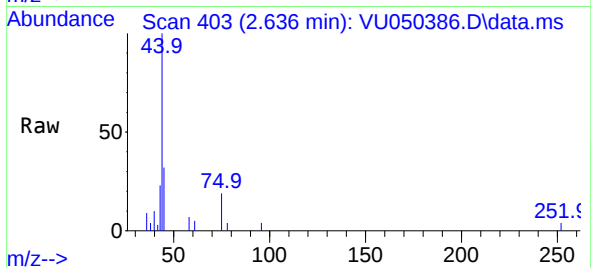




#13
Acetone
Concen: 0.785 ug/l
RT: 2.636 min Scan# 40
Delta R.T. -0.007 min
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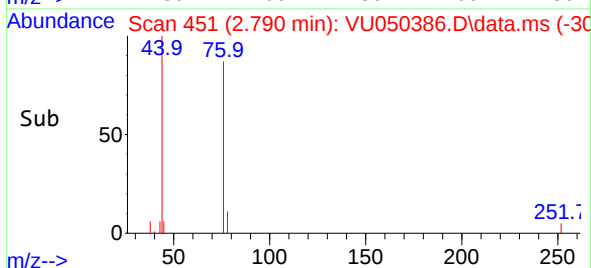
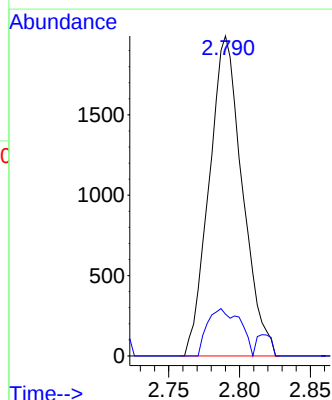
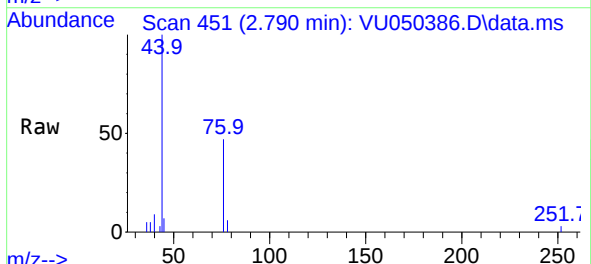
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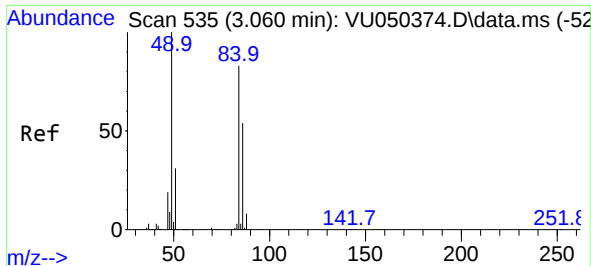
Tgt Ion: 43 Resp: 1760
Ion Ratio Lower Upper
43 100
58 28.5 26.2 39.2



#14
Carbon Disulfide
Concen: 0.098 ug/l
RT: 2.790 min Scan# 451
Delta R.T. -0.013 min
Lab File: VU050386.D
Acq: 19 Aug 2022 23:42

Tgt Ion: 76 Resp: 3245
Ion Ratio Lower Upper
76 100
78 13.1 7.4 11.0#

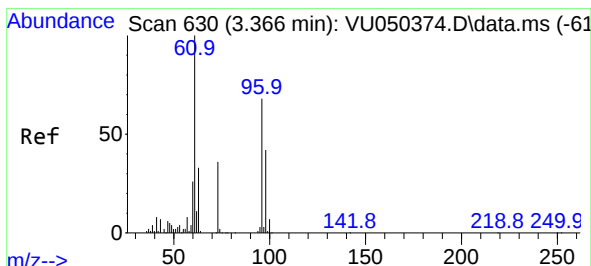
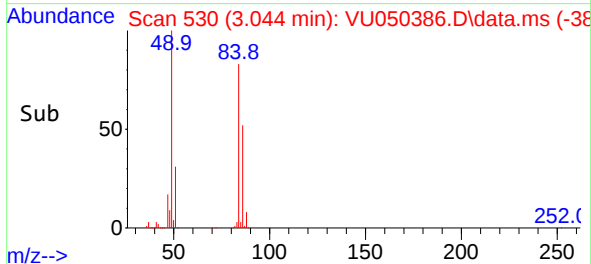
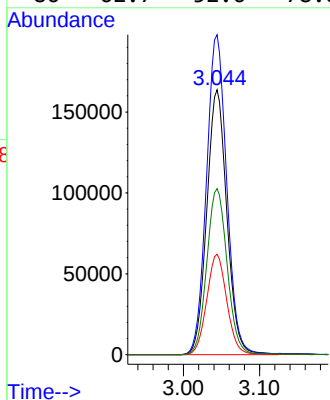
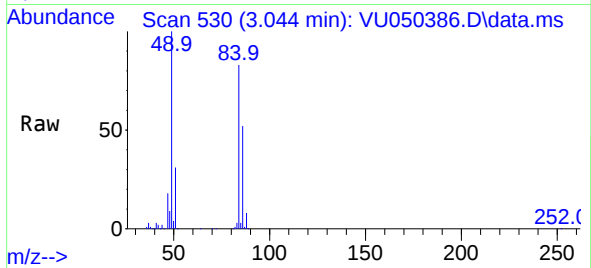




#15
Methylene Chloride
Concen: 20.816 ug/l
RT: 3.044 min Scan# 51
Delta R.T. -0.016 min
Lab File: VU050386.D
Acq: 19 Aug 2022 23:42

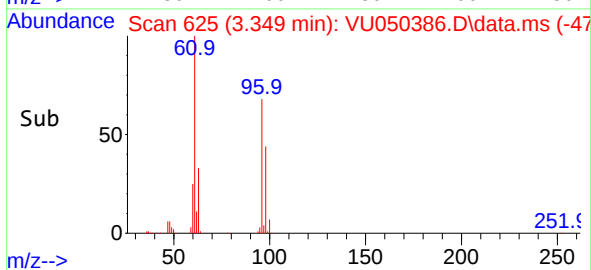
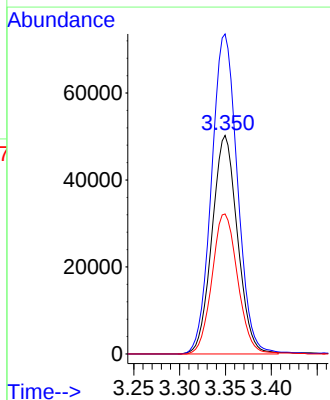
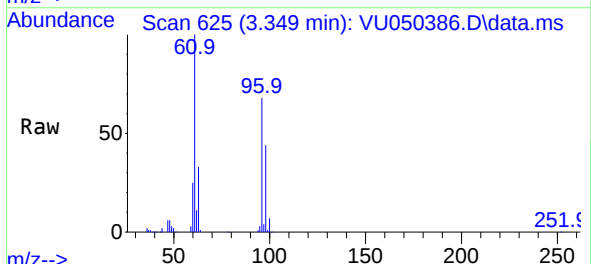
Instrument :
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ClientSampleId :
WS-REGULATED-VOCS

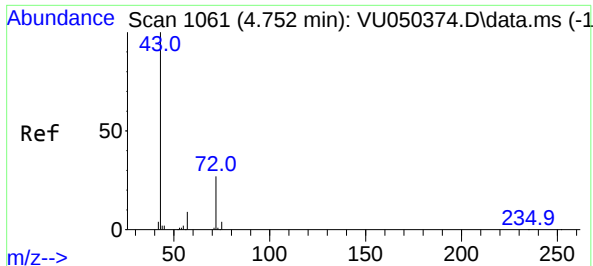
Tgt Ion: 84 Resp: 300997
Ion Ratio Lower Upper
84 100
49 120.7 104.6 157.0
51 37.9 0.0 81.4
86 62.7 52.6 78.8



#16
trans-1,2-Dichloroethene
Concen: 8.798 ug/l
RT: 3.349 min Scan# 625
Delta R.T. -0.016 min
Lab File: VU050386.D
Acq: 19 Aug 2022 23:42

Tgt Ion: 96 Resp: 97177
Ion Ratio Lower Upper
96 100
61 146.4 123.4 185.0
98 64.0 51.6 77.4

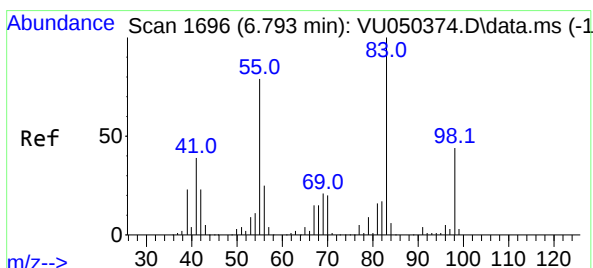
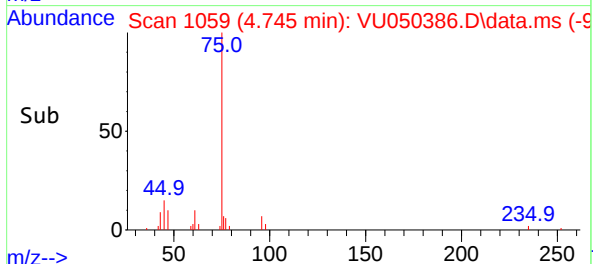
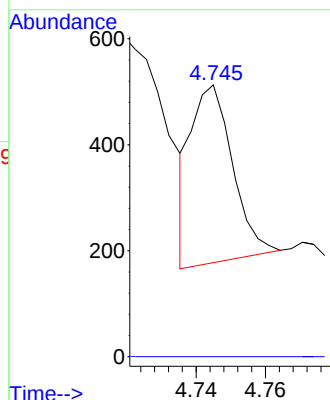
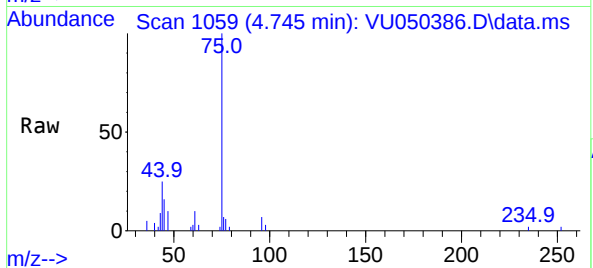




#18
2-Butanone
Concen: 0.079 ug/l
RT: 4.745 min Scan# 1059
Delta R.T. -0.007 min
Lab File: VU050386.D
Acq: 19 Aug 2022 23:42

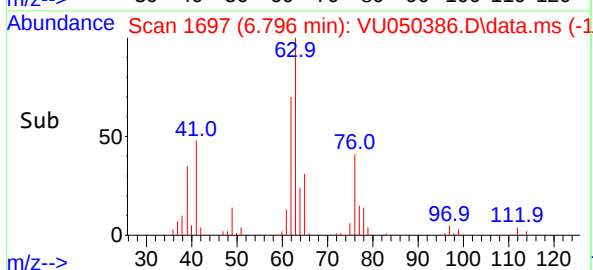
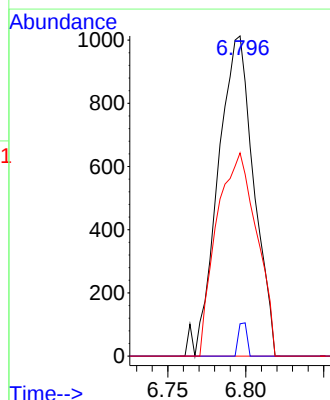
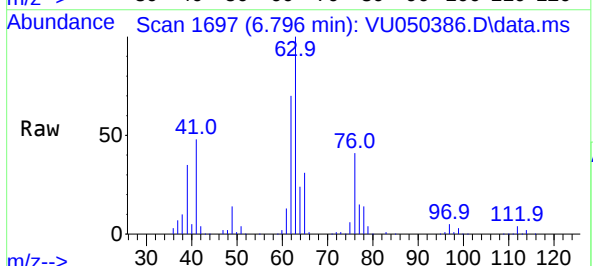
Instrument :
MSVOA_U
ClientSampleId :
WS-REGULATED-VOCS

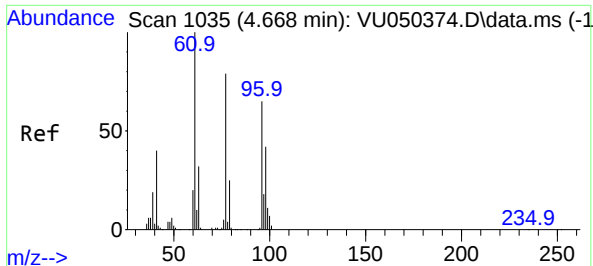
Tgt Ion: 43 Resp: 279
Ion Ratio Lower Upper
43 100
57 0.0 0.0 18.0



#20
Methylcyclohexane
Concen: 0.123 ug/l
RT: 6.796 min Scan# 1697
Delta R.T. 0.003 min
Lab File: VU050386.D
Acq: 19 Aug 2022 23:42

Tgt Ion: 83 Resp: 1615
Ion Ratio Lower Upper
83 100
55 2.5 63.0 94.4#
98 71.1 35.7 53.5#

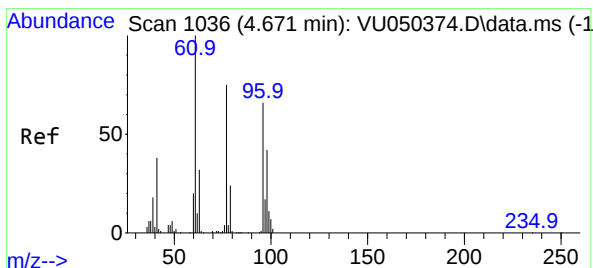
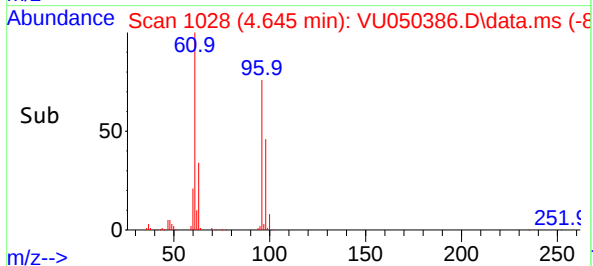
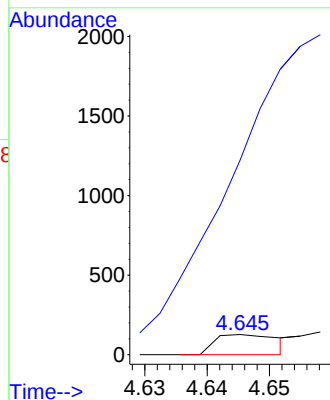
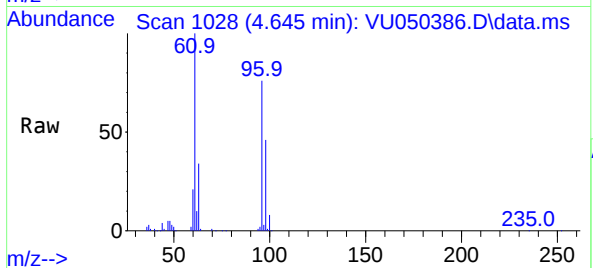




#21
2,2-Dichloropropane
Concen: 0.005 ug/l
RT: 4.645 min Scan# 1028
Delta R.T. -0.023 min
Lab File: VU050386.D
Acq: 19 Aug 2022 23:42

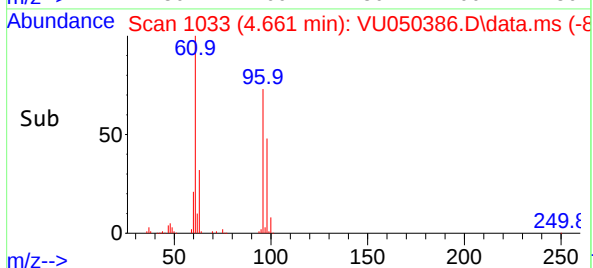
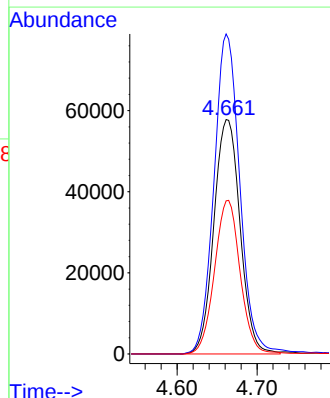
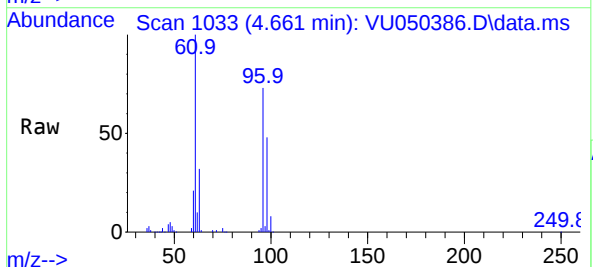
Instrument :
MSVOA_U
ClientSampleId :
WS-REGULATED-VOCS

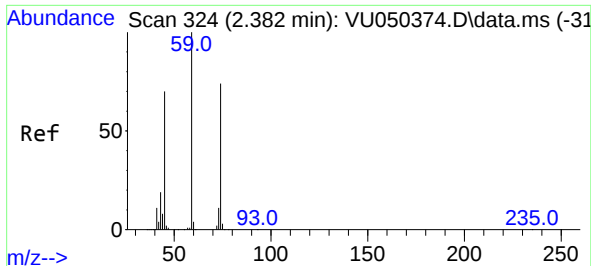
Tgt Ion: 77 Resp: 90
Ion Ratio Lower Upper
77 100
97 5262.2 18.5 27.7#



#22
cis-1,2-Dichloroethene
Concen: 10.517 ug/l
RT: 4.661 min Scan# 1033
Delta R.T. -0.010 min
Lab File: VU050386.D
Acq: 19 Aug 2022 23:42

Tgt Ion: 96 Resp: 131418
Ion Ratio Lower Upper
96 100
61 135.3 0.0 375.8
98 64.2 31.6 95.0

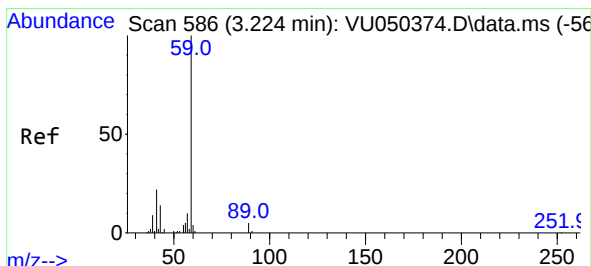
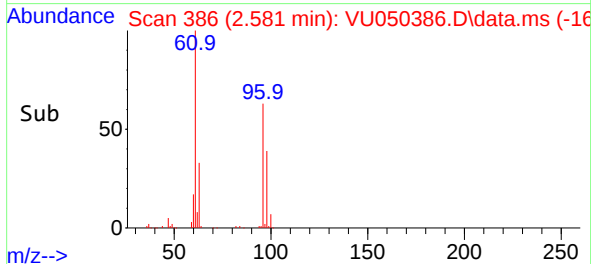
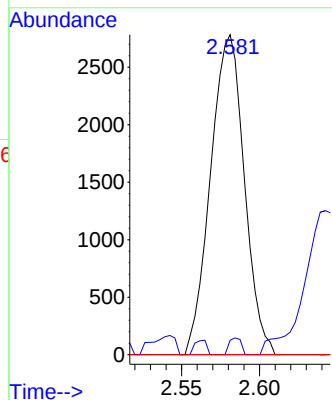
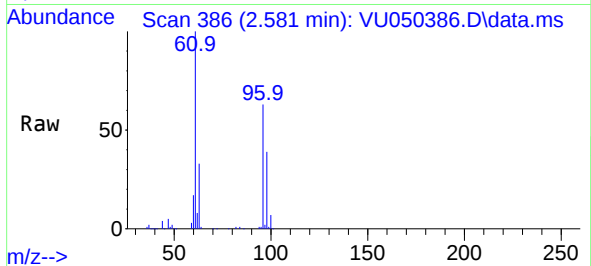




#23
Diethyl Ether
Concen: 0.456 ug/l
RT: 2.581 min Scan# 31
Delta R.T. 0.199 min
Lab File: VU050386.D
Acq: 19 Aug 2022 23:42

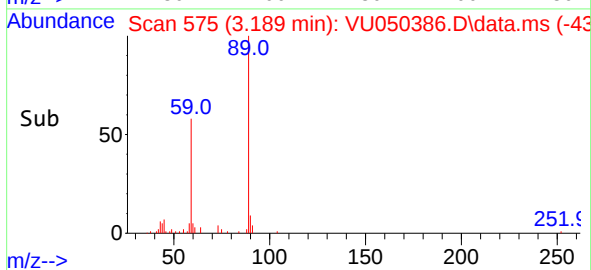
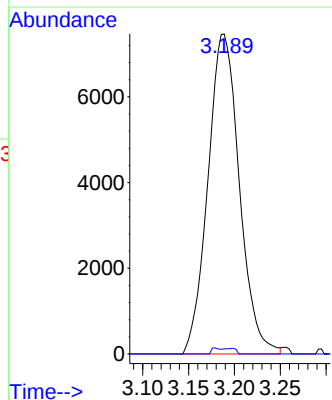
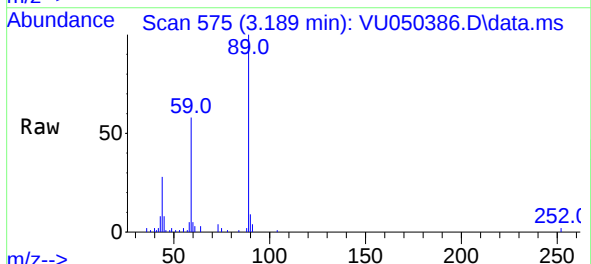
Instrument :
MSVOA_U
ClientSampleId :
WS-REGULATED-VOCS

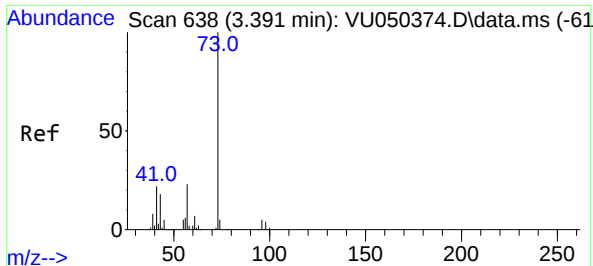
Tgt Ion: 59 Resp: 4189
Ion Ratio Lower Upper
59 100
45 4.3 56.0 84.0#
74 0.0 57.6 86.4#



#24
tert-Butyl Alcohol
Concen: 18.354 ug/l
RT: 3.189 min Scan# 575
Delta R.T. -0.036 min
Lab File: VU050386.D
Acq: 19 Aug 2022 23:42

Tgt Ion: 59 Resp: 17823
Ion Ratio Lower Upper
59 100
57 0.5 8.2 12.2#

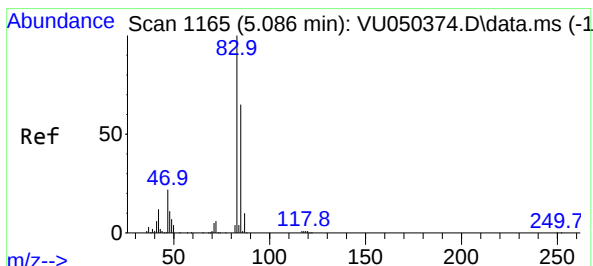
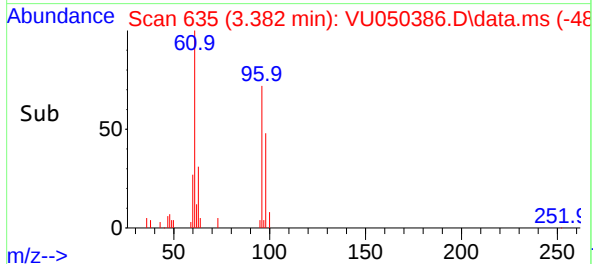
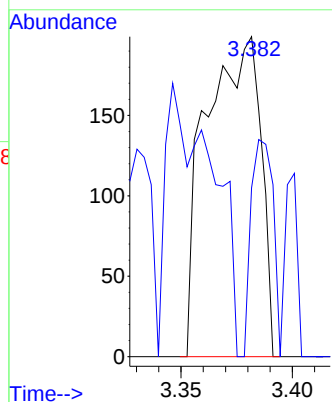
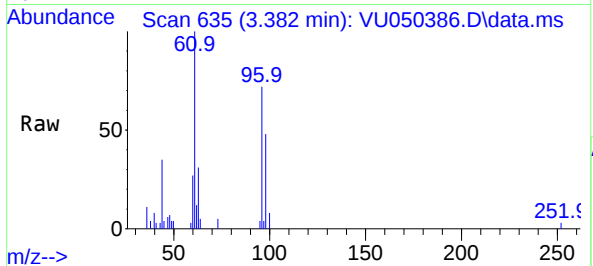




#25
Methyl tert-Butyl Ether
Concen: 0.012 ug/l
RT: 3.382 min Scan# 61
Delta R.T. -0.010 min
Lab File: VU050386.D
Acq: 19 Aug 2022 23:42

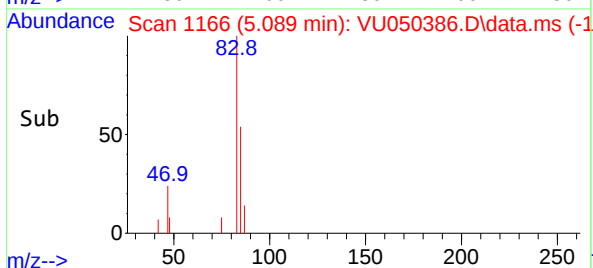
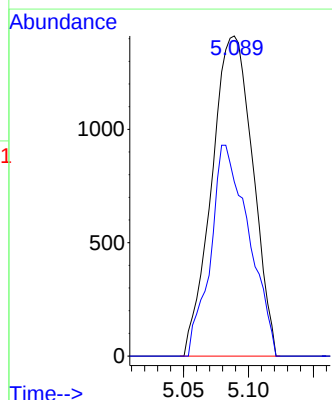
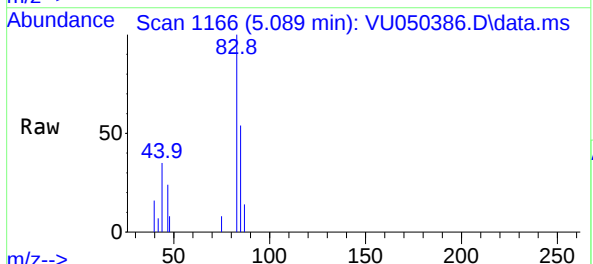
Instrument :
MSVOA_U
ClientSampleId :
WS-REGULATED-VOCS

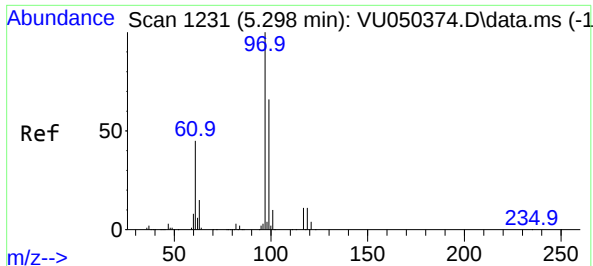
Tgt Ion: 73 Resp: 340
Ion Ratio Lower Upper
73 100
43 27.1 15.9 23.9#



#27
Chloroform
Concen: 0.139 ug/l
RT: 5.089 min Scan# 1166
Delta R.T. 0.003 min
Lab File: VU050386.D
Acq: 19 Aug 2022 23:42

Tgt Ion: 83 Resp: 3105
Ion Ratio Lower Upper
83 100
85 54.5 0.0 133.6





#28

1,1,1-Trichloroethane

Concen: 11.923 ug/l

RT: 5.311 min Scan# 1235

Delta R.T. 0.013 min

Lab File: VU050386.D

Acq: 19 Aug 2022 23:42

Instrument :

MSVOA_U

ClientSampleId :

WS-REGULATED-VOCS

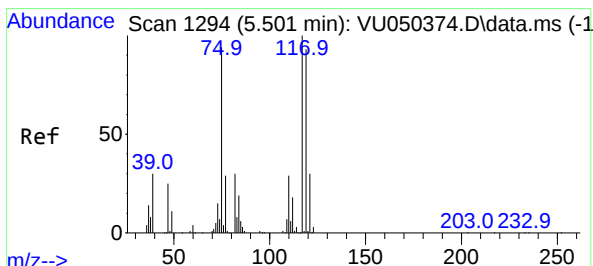
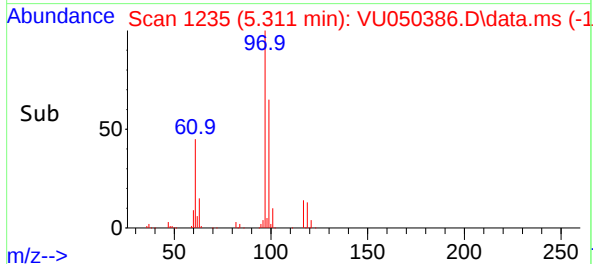
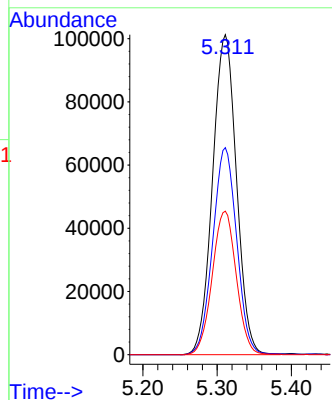
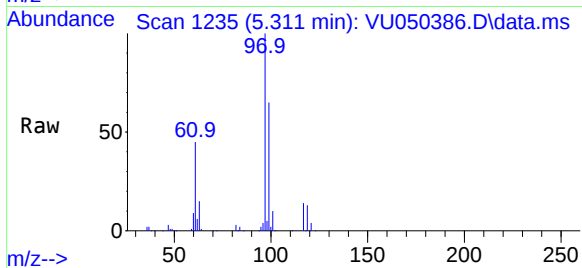
Tgt Ion: 97 Resp: 226824

Ion Ratio Lower Upper

97 100

99 64.9 32.1 96.5

61 45.1 21.8 65.4



#30

Carbon Tetrachloride

Concen: 11.200 ug/l

RT: 5.517 min Scan# 1299

Delta R.T. 0.016 min

Lab File: VU050386.D

Acq: 19 Aug 2022 23:42

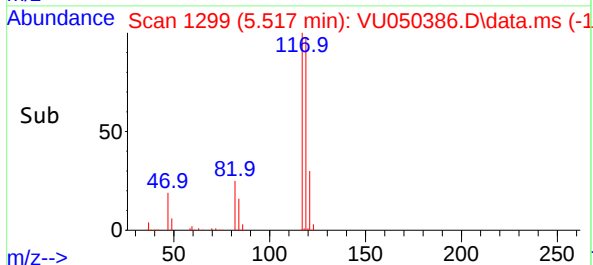
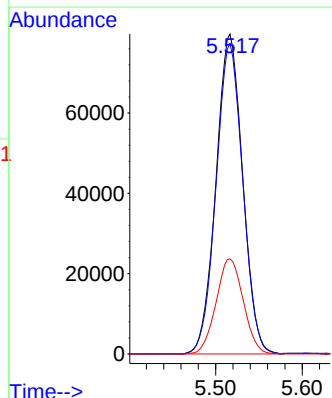
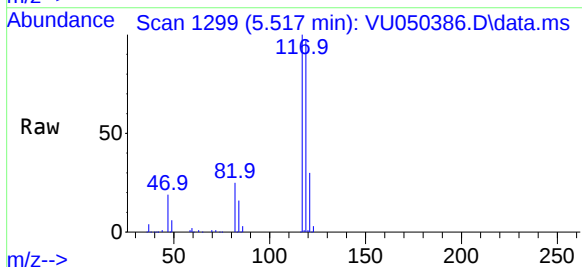
Tgt Ion: 117 Resp: 170551

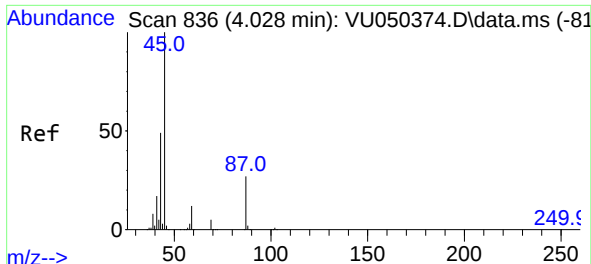
Ion Ratio Lower Upper

117 100

119 97.0 74.6 112.0

121 29.7 24.2 36.4

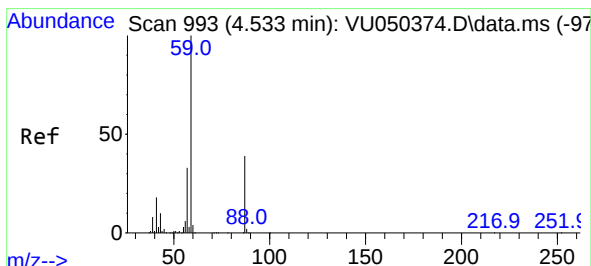
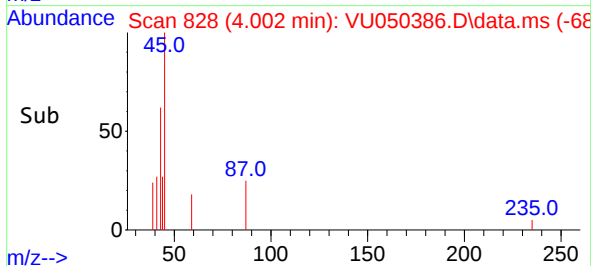
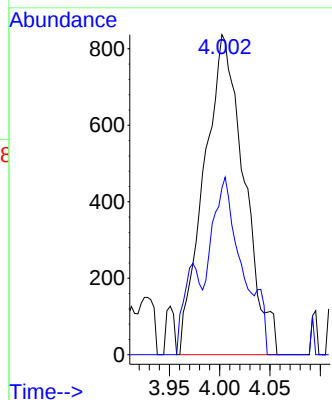
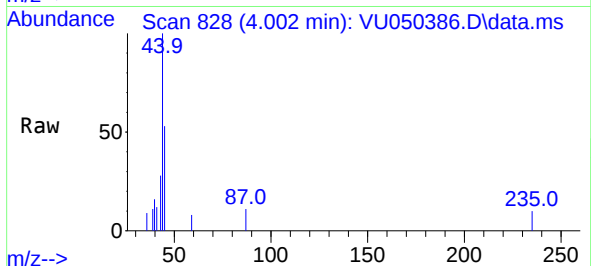




#31
Isopropyl Ether
Concen: 0.065 ug/l
RT: 4.002 min Scan# 81
Delta R.T. -0.026 min
Lab File: VU050386.D
Acq: 19 Aug 2022 23:42

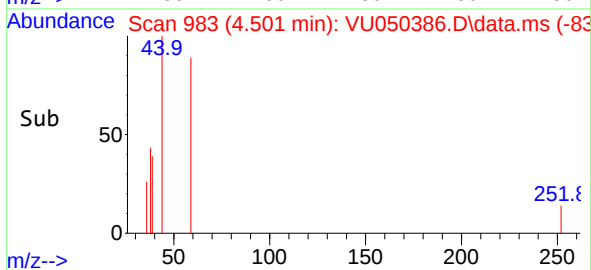
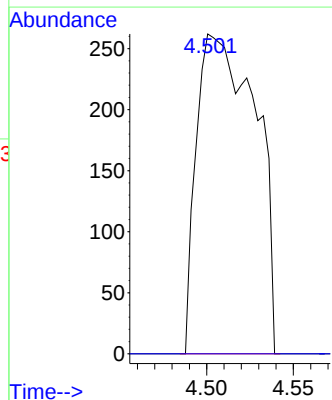
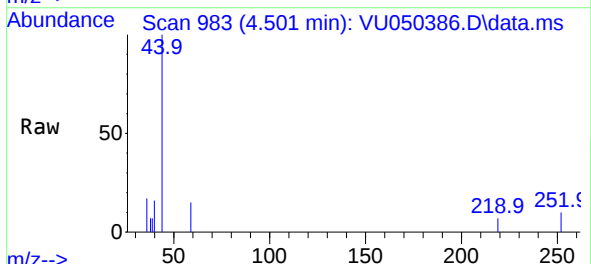
Instrument :
MSVOA_U
ClientSampleId :
WS-REGULATED-VOCS

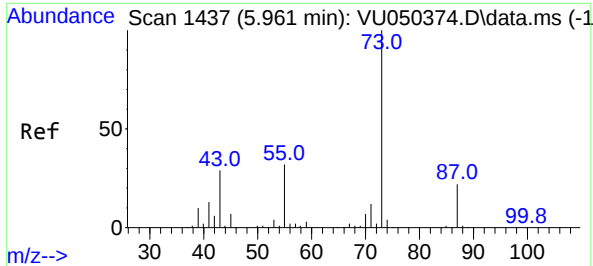
Tgt Ion: 45 Resp: 2325
Ion Ratio Lower Upper
45 100
43 25.2 23.8 71.2



#32
Ethyl-t-butyl ether
Concen: 0.022 ug/l
RT: 4.501 min Scan# 983
Delta R.T. -0.032 min
Lab File: VU050386.D
Acq: 19 Aug 2022 23:42

Tgt Ion: 59 Resp: 618
Ion Ratio Lower Upper
59 100
87 0.0 32.5 48.7#





#33

Tert-Amyl methyl ether

Concen: 1.005 ug/l

RT: 5.771 min Scan# 11

Delta R.T. -0.190 min

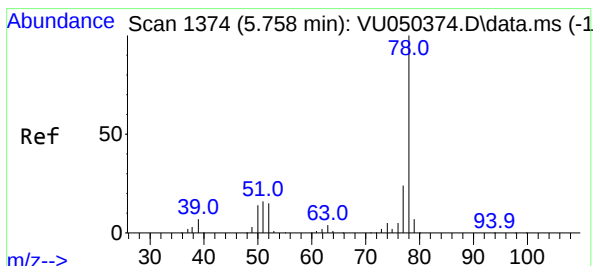
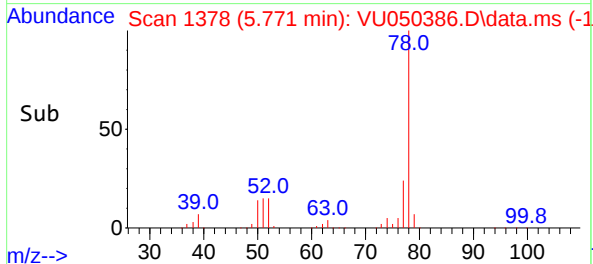
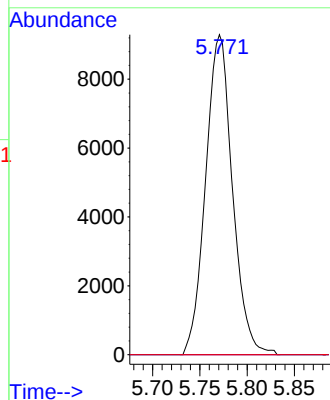
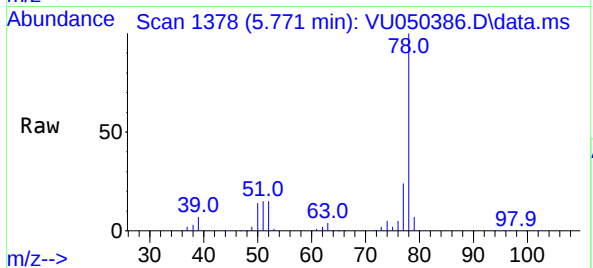
Lab File: VU050386.D

Acq: 19 Aug 2022 23:42

Instrument :
MSVOA_U
ClientSampleId :
WS-REGULATED-VOCS

Tgt Ion: 73 Resp: 18363

Ion	Ratio	Lower	Upper
73	100		
87	0.0	19.7	29.5#
71	0.0	9.0	13.4#



#35

Benzene

Concen: 23.569 ug/l

RT: 5.771 min Scan# 1378

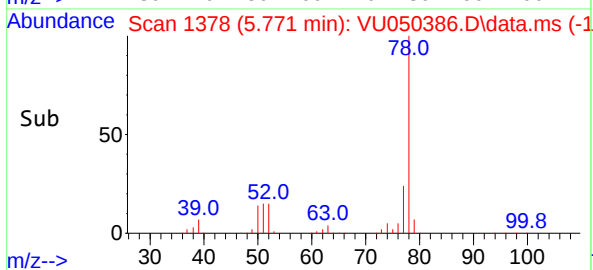
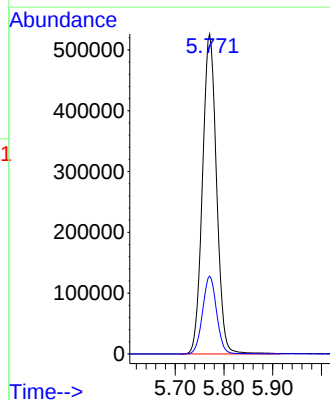
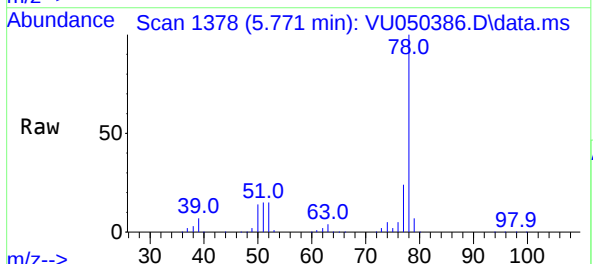
Delta R.T. 0.013 min

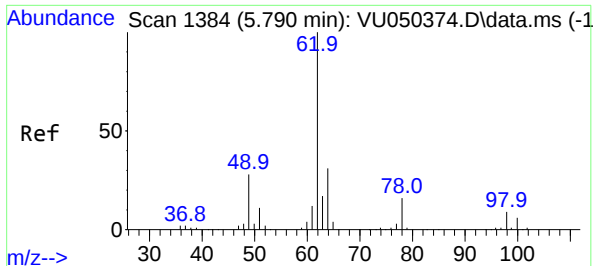
Lab File: VU050386.D

Acq: 19 Aug 2022 23:42

Tgt Ion: 78 Resp: 1055782

Ion	Ratio	Lower	Upper
78	100		
77	24.3	18.6	28.0





#36

1,2-Dichloroethane

Concen: 7.636 ug/l

RT: 5.796 min Scan# 11

Delta R.T. 0.006 min

Lab File: VU050386.D

Acq: 19 Aug 2022 23:42

Instrument :

MSVOA_U

ClientSampleId :

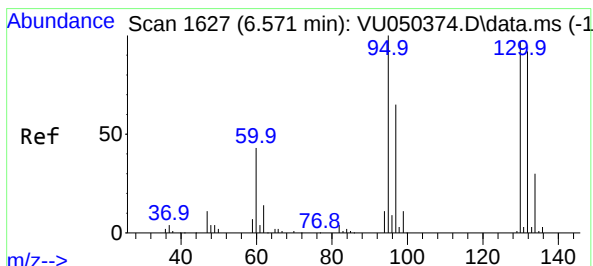
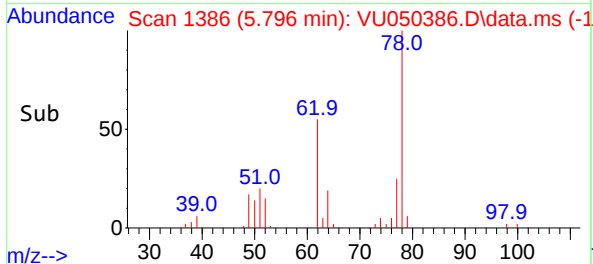
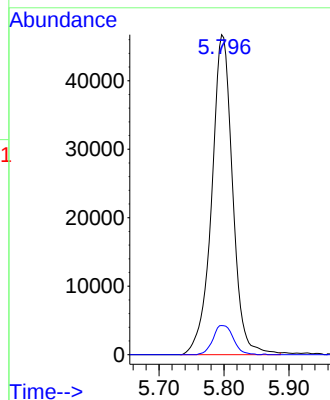
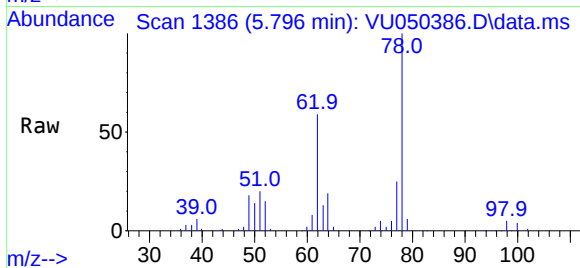
WS-REGULATED-VOCS

Tgt Ion: 62 Resp: 104440

Ion Ratio Lower Upper

62 100

98 8.9 7.4 11.0



#37

Trichloroethene

Concen: 5.862 ug/l

RT: 6.539 min Scan# 1617

Delta R.T. -0.032 min

Lab File: VU050386.D

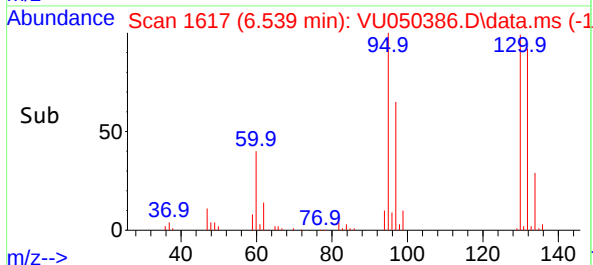
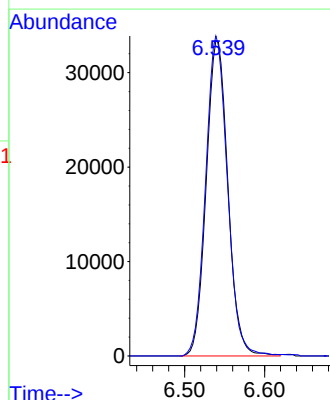
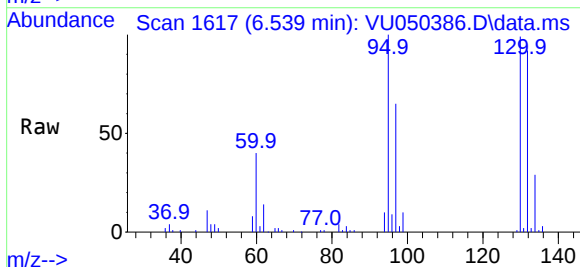
Acq: 19 Aug 2022 23:42

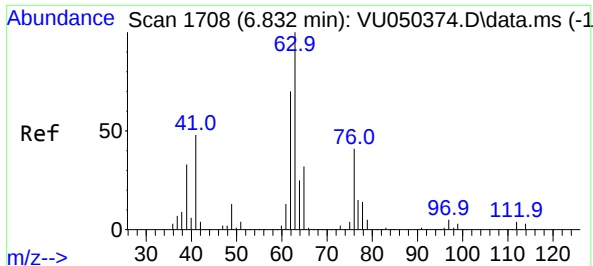
Tgt Ion:130 Resp: 62945

Ion Ratio Lower Upper

130 100

95 101.5 83.8 125.8

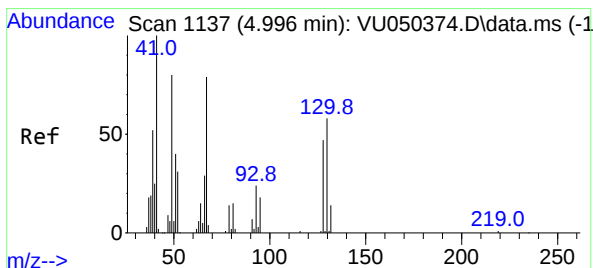
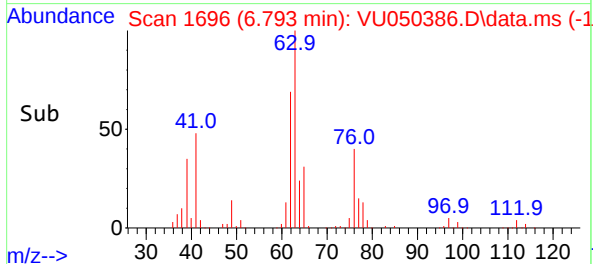
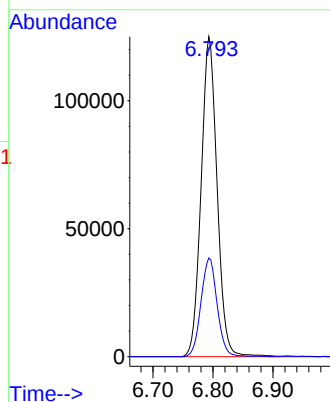
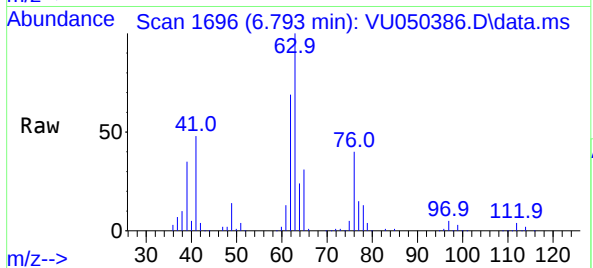




#38
1,2-Dichloropropane
Concen: 19.301 ug/l
RT: 6.793 min Scan# 1
Delta R.T. -0.039 min
Lab File: VU050386.D
Acq: 19 Aug 2022 23:42

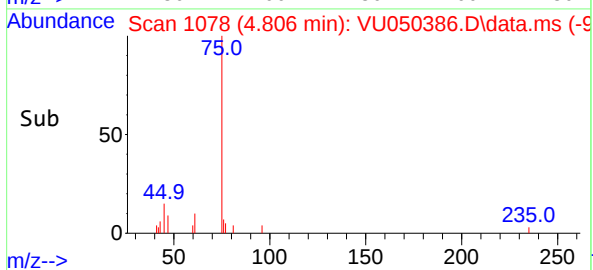
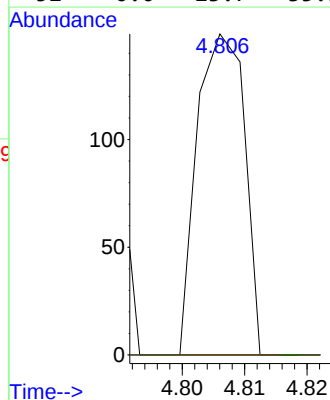
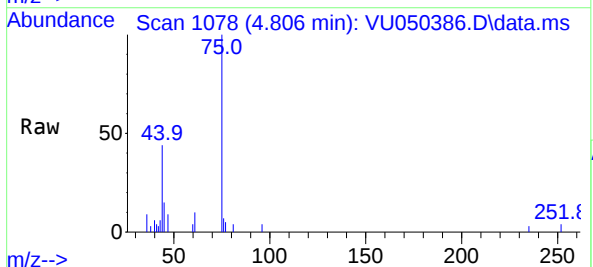
Instrument :
MSVOA_U
ClientSampleId :
WS-REGULATED-VOCS

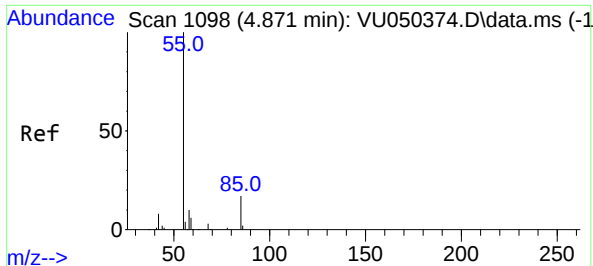
Tgt Ion: 63 Resp: 232071
Ion Ratio Lower Upper
63 100
65 30.9 25.0 37.4



#39
Methacrylonitrile
Concen: 0.018 ug/l
RT: 4.806 min Scan# 1078
Delta R.T. -0.190 min
Lab File: VU050386.D
Acq: 19 Aug 2022 23:42

Tgt Ion: 41 Resp: 78
Ion Ratio Lower Upper
41 100
67 0.0 59.4 89.0#
39 56.4 42.2 63.2
52 0.0 23.7 35.5#

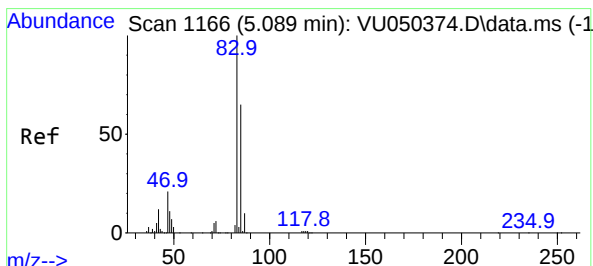
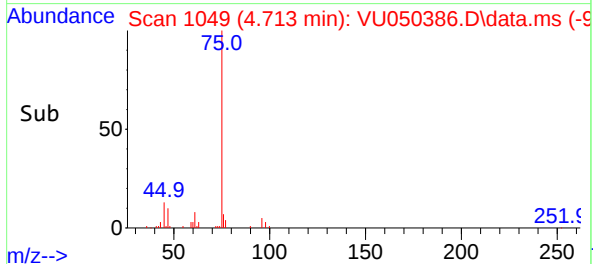
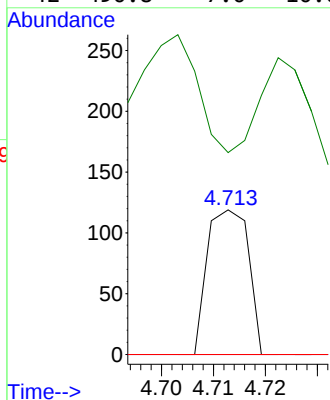
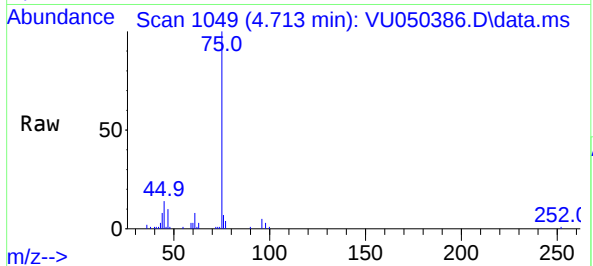




#40
Methyl acrylate
Concen: 0.010 ug/l
RT: 4.713 min Scan# 1049
Delta R.T. -0.158 min
Lab File: VU050386.D
Acq: 19 Aug 2022 23:42

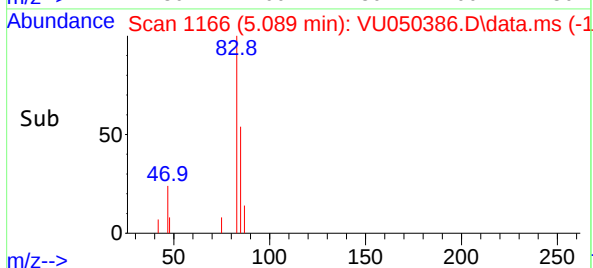
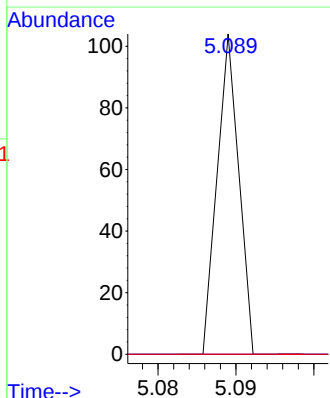
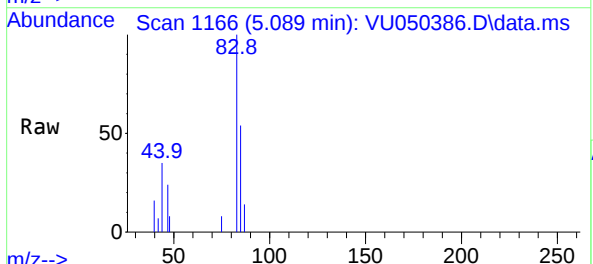
Instrument :
MSVOA_U
ClientSampleId :
WS-REGULATED-VOCS

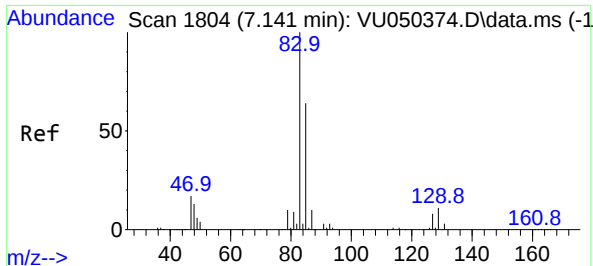
Tgt Ion:	55	Resp:	65
Ion	Ratio	Lower	Upper
55	100		
85	0.0	13.5	20.3#
58	0.0	7.0	10.4#
42	490.8	7.0	10.6#



#41
Tetrahydrofuran
Concen: 0.009 ug/l
RT: 5.089 min Scan# 1166
Delta R.T. -0.000 min
Lab File: VU050386.D
Acq: 19 Aug 2022 23:42

Tgt Ion:	42	Resp:	20
Ion	Ratio	Lower	Upper
42	100		
72	0.0	38.9	58.3#
71	0.0	33.7	50.5#

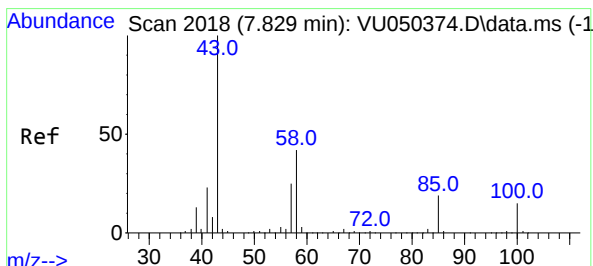
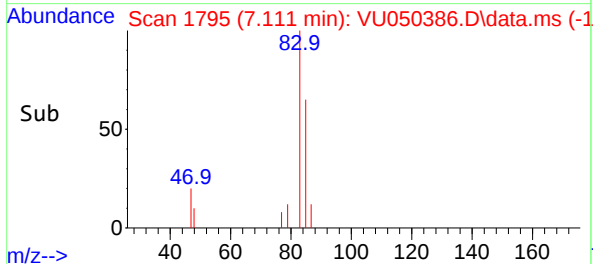
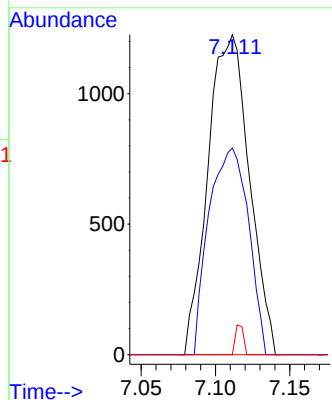
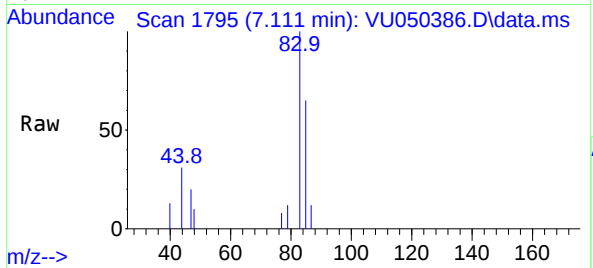




#44
Bromodichloromethane
Concen: 0.155 ug/l
RT: 7.111 min Scan# 1
Delta R.T. -0.029 min
Lab File: VU050386.D
Acq: 19 Aug 2022 23:42

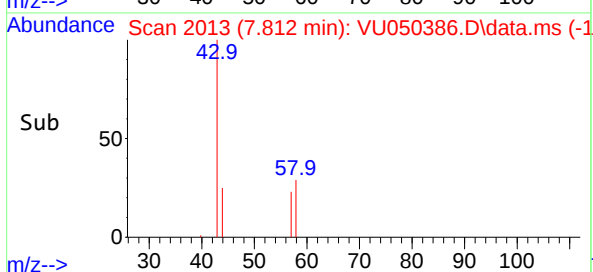
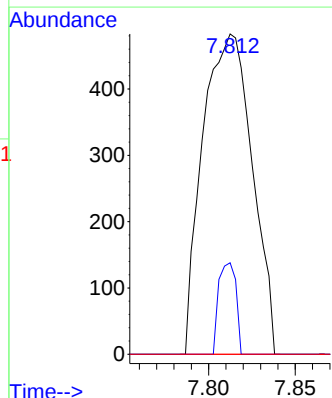
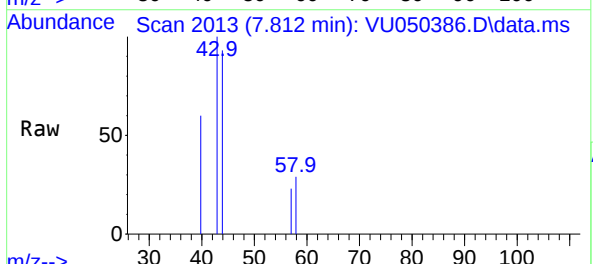
Instrument :
MSVOA_U
ClientSampleId :
WS-REGULATED-VOCS

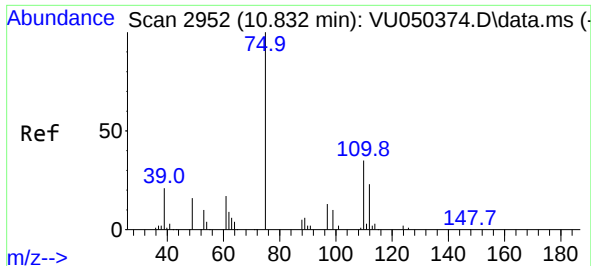
Tgt Ion: 83 Resp: 2375
Ion Ratio Lower Upper
83 100
85 64.6 49.4 74.0
127 0.0 6.6 10.0#



#45
4-Methyl-2-Pentanone
Concen: 0.147 ug/l
RT: 7.812 min Scan# 2013
Delta R.T. -0.016 min
Lab File: VU050386.D
Acq: 19 Aug 2022 23:42

Tgt Ion: 43 Resp: 958
Ion Ratio Lower Upper
43 100
58 10.0 20.3 61.0#
85 0.0 14.6 21.8#

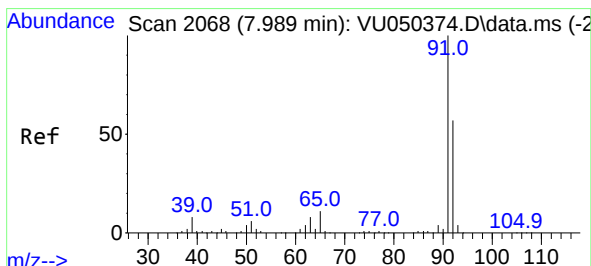
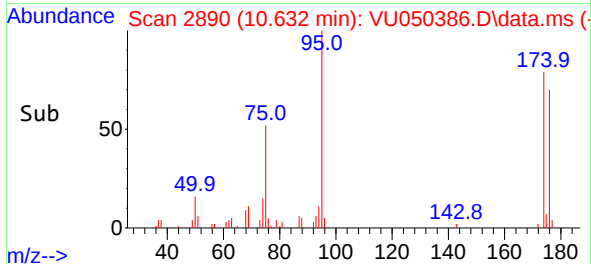
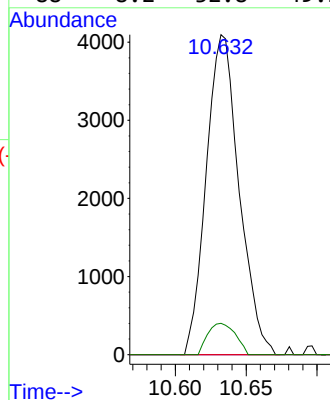
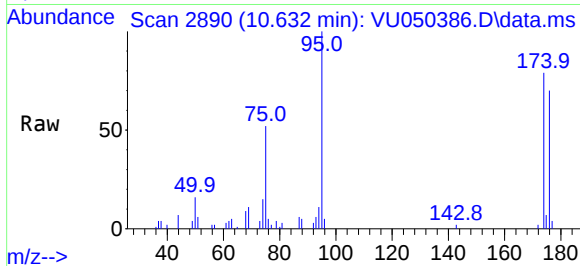




#46
t-1,4-Dichloro-2-butene
Concen: 2.181 ug/l
RT: 10.632 min Scan# 21
Delta R.T. -0.200 min
Lab File: VU050386.D
Acq: 19 Aug 2022 23:42

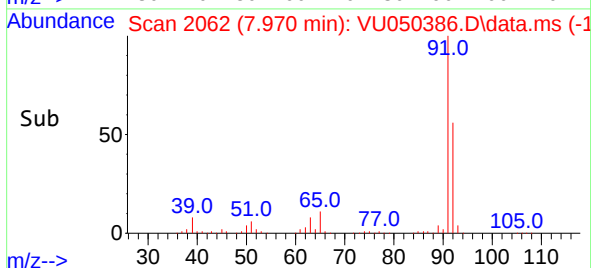
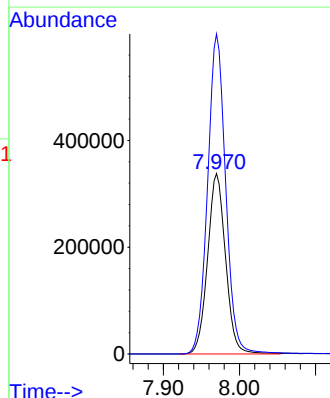
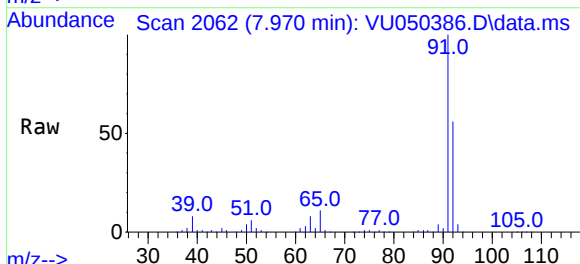
Instrument : MSVOA_U
ClientSampleId : WS-REGULATED-VOCS

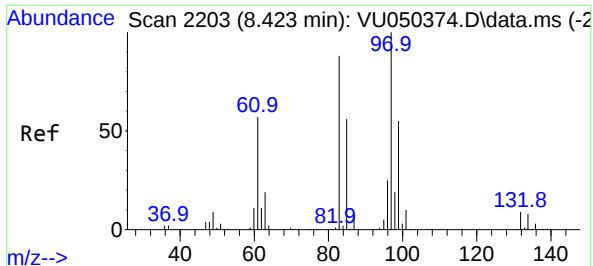
Tgt Ion: 75 Resp: 6611
Ion Ratio Lower Upper
75 100
53 0.0 64.4 96.6#
89 0.0 44.2 66.2#
88 8.2 32.8 49.2#



#49
Toluene
Concen: 23.061 ug/l
RT: 7.970 min Scan# 2062
Delta R.T. -0.019 min
Lab File: VU050386.D
Acq: 19 Aug 2022 23:42

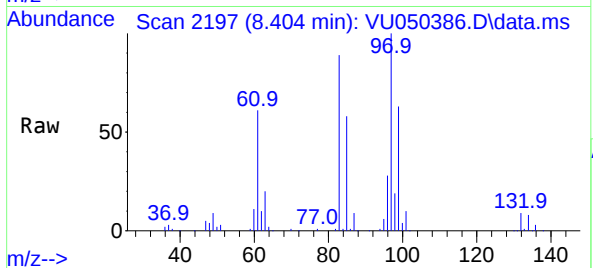
Tgt Ion: 92 Resp: 555016
Ion Ratio Lower Upper
92 100
91 178.5 138.6 207.8





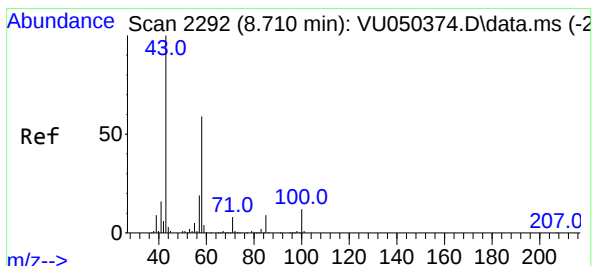
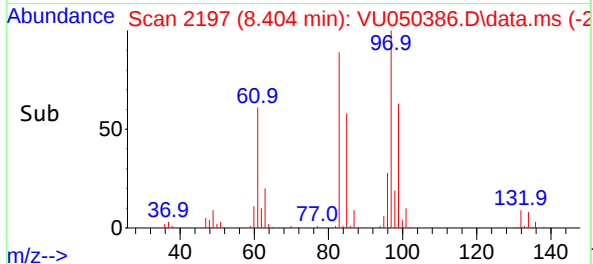
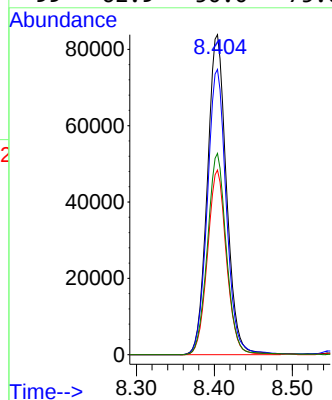
#52
1,1,2-Trichloroethane
Concen: 15.024 ug/l
RT: 8.404 min Scan# 2197
Delta R.T. -0.019 min
Lab File: VU050386.D
Acq: 19 Aug 2022 23:42

Instrument :
MSVOA_U
ClientSampleId :
WS-REGULATED-VOCS



Tgt Ion: 97 Resp: 143116

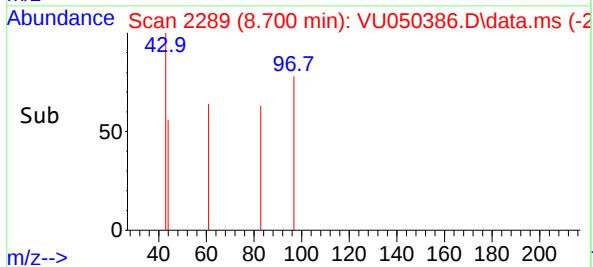
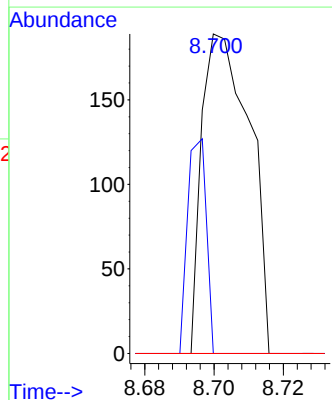
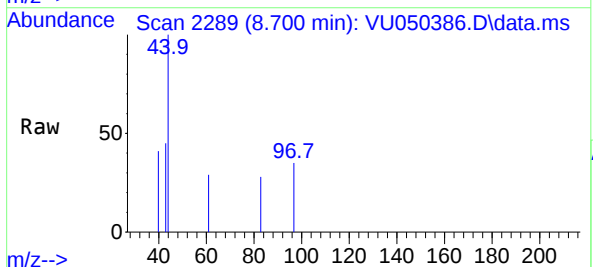
Ion	Ratio	Lower	Upper
97	100		
83	89.2	70.6	106.0
85	57.7	46.2	69.4
99	62.9	50.0	75.0

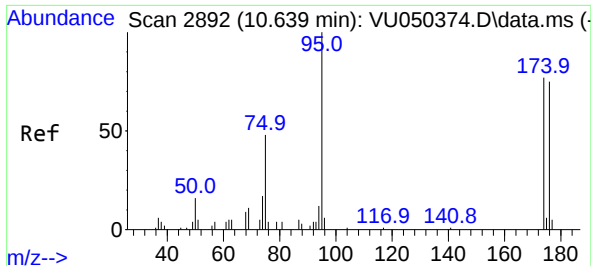


#54
2-Hexanone
Concen: 0.040 ug/l
RT: 8.700 min Scan# 2289
Delta R.T. -0.010 min
Lab File: VU050386.D
Acq: 19 Aug 2022 23:42

Tgt Ion: 43 Resp: 181

Ion	Ratio	Lower	Upper
43	100		
58	26.5	37.1	77.1#
57	0.0	0.0	39.5

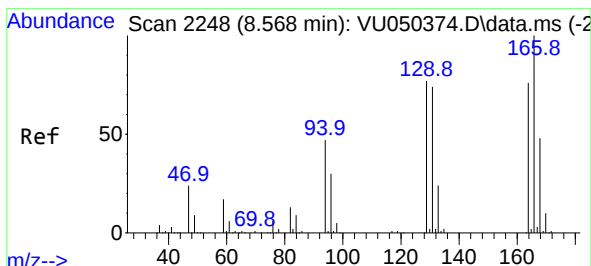
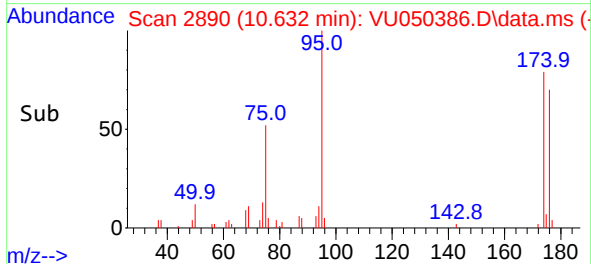
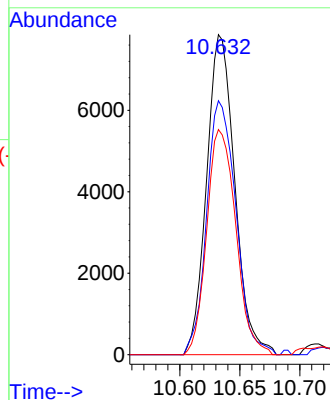
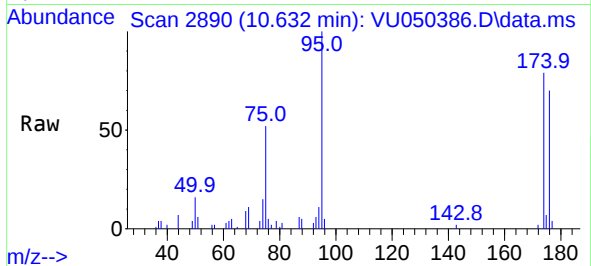




#57
4-Bromofluorobenzene
Concen: 1.039 ug/l
RT: 10.632 min Scan# 21
Delta R.T. -0.007 min
Lab File: VU050386.D
Acq: 19 Aug 2022 23:42

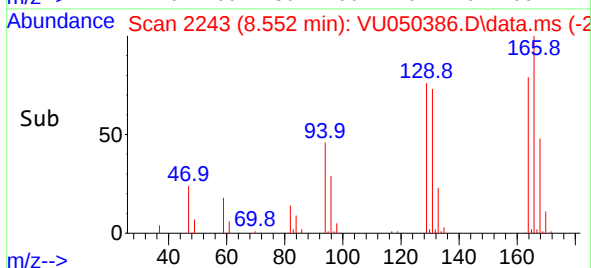
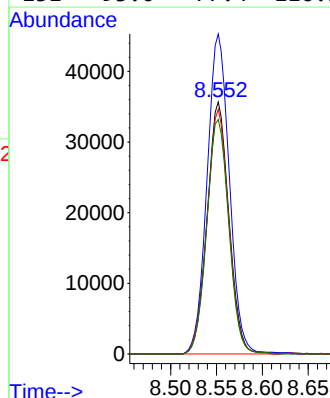
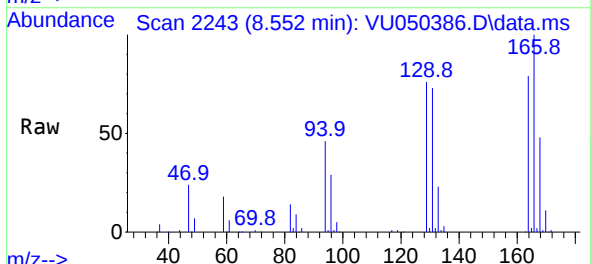
Instrument :
MSVOA_U
ClientSampleId :
WS-REGULATED-VOCS

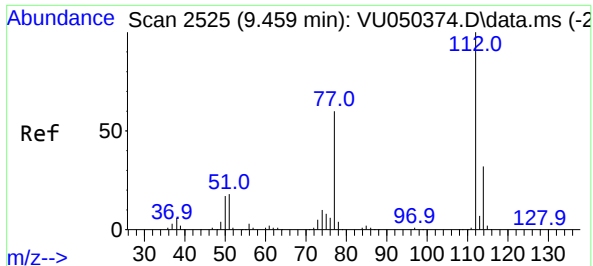
Tgt Ion: 95 Resp: 12838
Ion Ratio Lower Upper
95 100
174 82.5 62.4 93.6
176 72.7 56.2 84.2



#58
Tetrachloroethene
Concen: 5.857 ug/l
RT: 8.552 min Scan# 2243
Delta R.T. -0.016 min
Lab File: VU050386.D
Acq: 19 Aug 2022 23:42

Tgt Ion:164 Resp: 59188
Ion Ratio Lower Upper
164 100
166 127.0 102.4 153.6
129 97.1 79.5 119.3
131 93.0 77.4 116.2

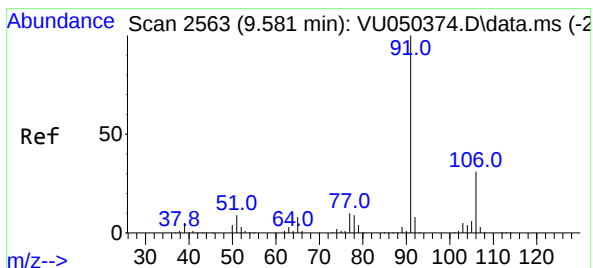
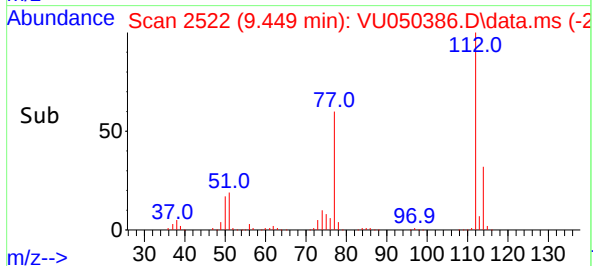
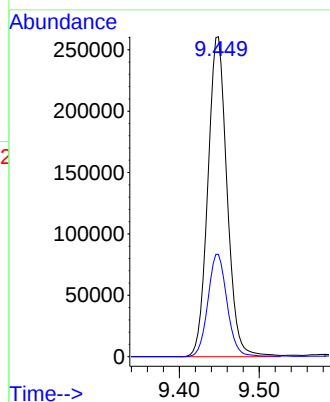
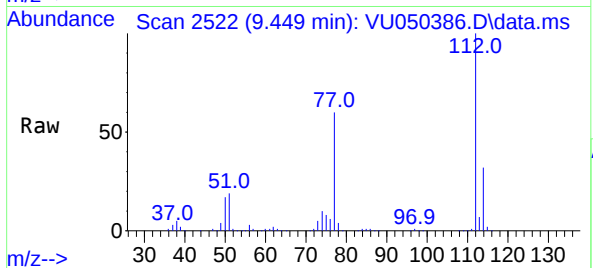




#59
Chlorobenzene
Concen: 16.742 ug/l
RT: 9.449 min Scan# 2525
Delta R.T. -0.010 min
Lab File: VU050386.D
Acq: 19 Aug 2022 23:42

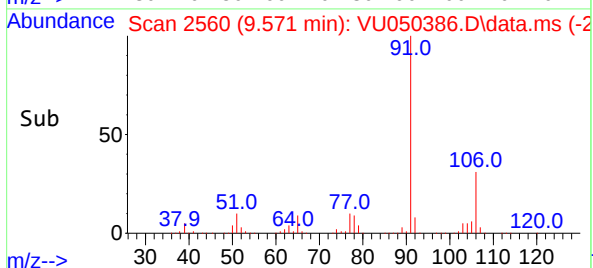
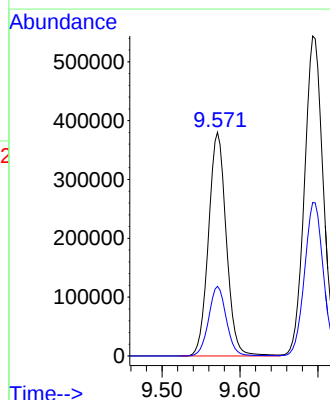
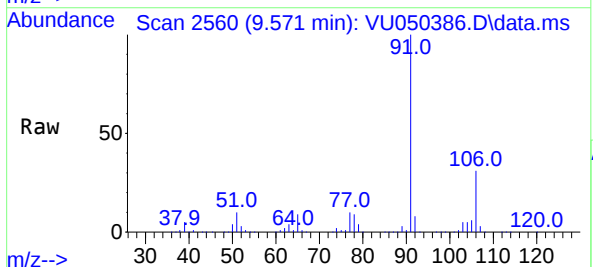
Instrument : MSVOA_U
ClientSampleId : WS-REGULATED-VOCS

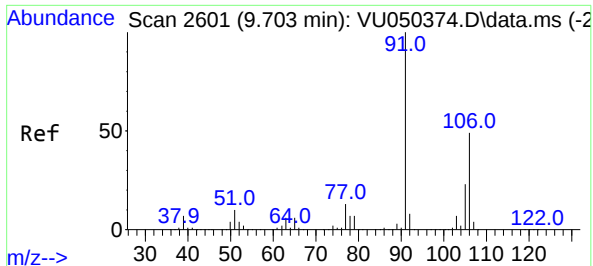
Tgt Ion:112 Resp: 434805
Ion Ratio Lower Upper
112 100
114 31.9 24.9 37.3



#63
Ethyl Benzene
Concen: 11.393 ug/l
RT: 9.571 min Scan# 2560
Delta R.T. -0.010 min
Lab File: VU050386.D
Acq: 19 Aug 2022 23:42

Tgt Ion: 91 Resp: 603164
Ion Ratio Lower Upper
91 100
106 31.1 24.4 36.6

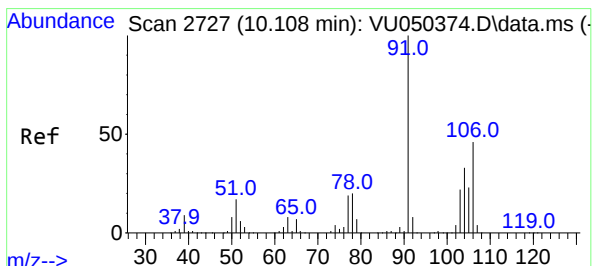
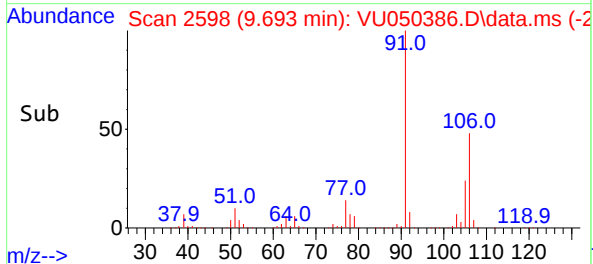
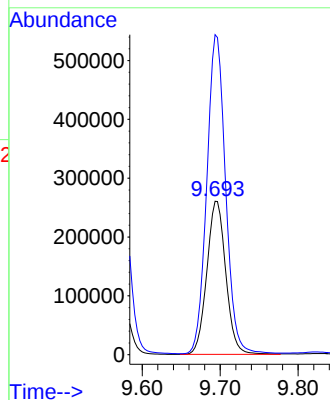
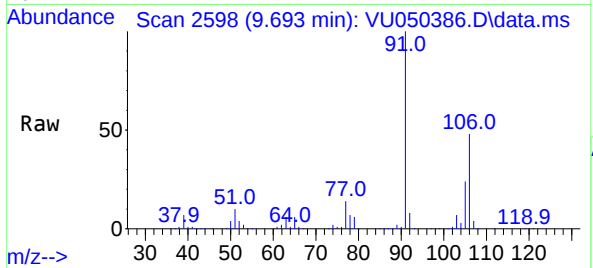




#64
m/p-Xylenes
Concen: 21.011 ug/l
RT: 9.693 min Scan# 21
Delta R.T. -0.010 min
Lab File: VU050386.D
Acq: 19 Aug 2022 23:42

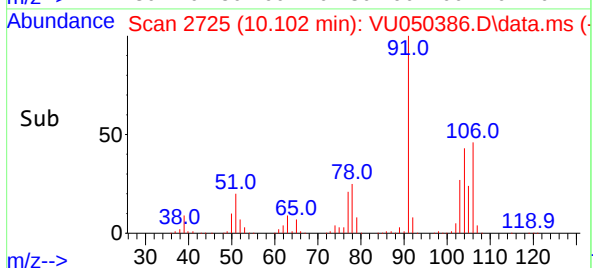
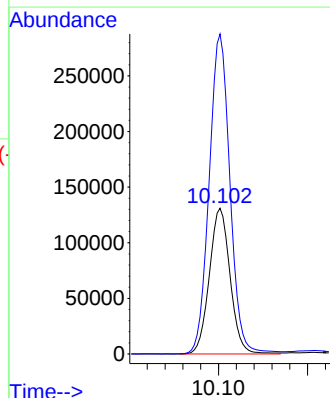
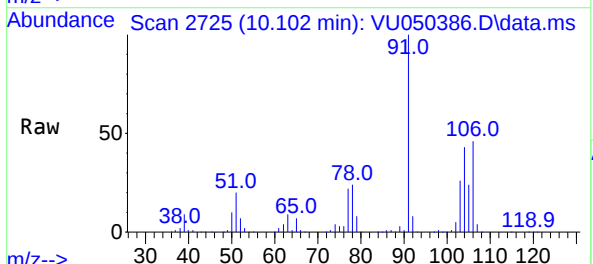
Instrument :
MSVOA_U
ClientSampleId :
WS-REGULATED-VOCS

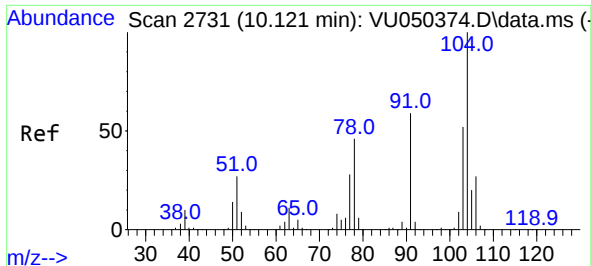
Tgt Ion:106 Resp: 439503
Ion Ratio Lower Upper
106 100
91 206.9 167.8 251.6



#65
o-Xylene
Concen: 10.868 ug/l
RT: 10.102 min Scan# 2725
Delta R.T. -0.006 min
Lab File: VU050386.D
Acq: 19 Aug 2022 23:42

Tgt Ion:106 Resp: 211998
Ion Ratio Lower Upper
106 100
91 220.2 111.1 333.2

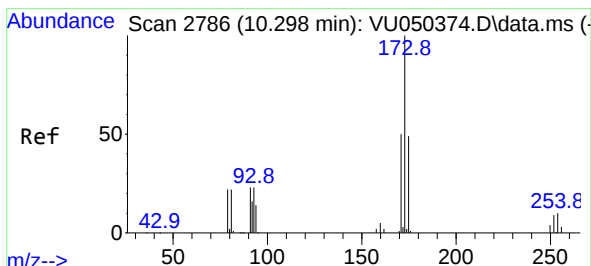
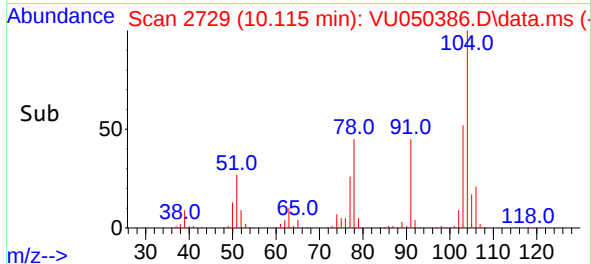
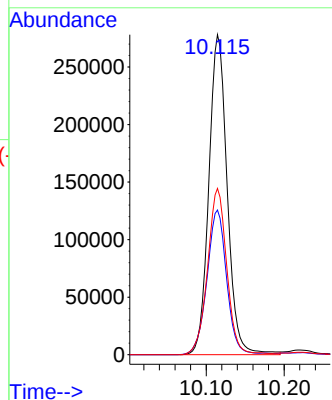
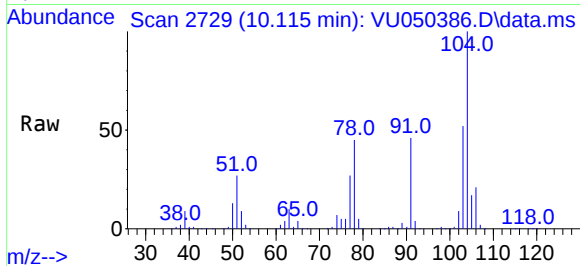




#66
Styrene
Concen: 12.989 ug/l
RT: 10.115 min Scan# 21
Delta R.T. -0.007 min
Lab File: VU050386.D
Acq: 19 Aug 2022 23:42

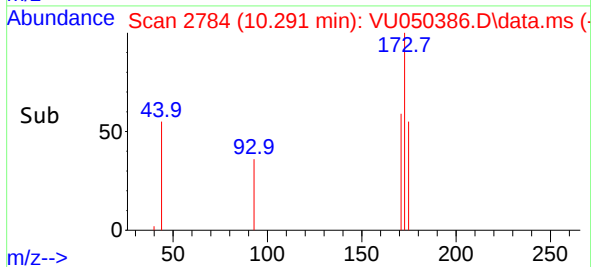
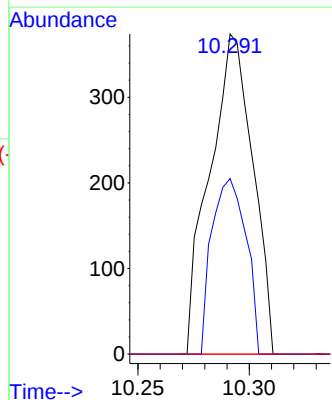
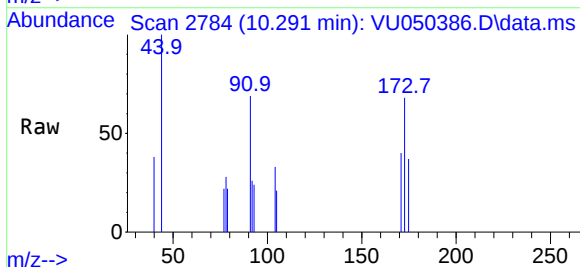
Instrument :
MSVOA_U
ClientSampleId :
WS-REGULATED-VOCS

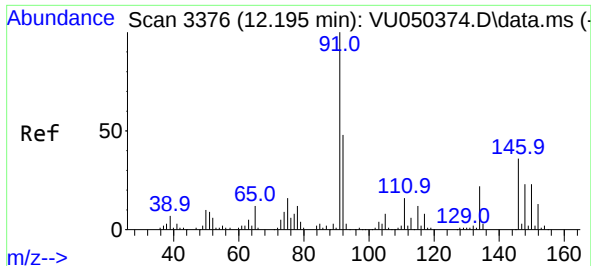
Tgt Ion:104 Resp: 456240
Ion Ratio Lower Upper
104 100
78 48.2 42.1 63.1
103 54.3 44.5 66.7



#67
Bromoform
Concen: 0.085 ug/l
RT: 10.291 min Scan# 2784
Delta R.T. -0.007 min
Lab File: VU050386.D
Acq: 19 Aug 2022 23:42

Tgt Ion:173 Resp: 503
Ion Ratio Lower Upper
173 100
175 43.3 38.4 57.6
254 0.0 7.7 11.5#

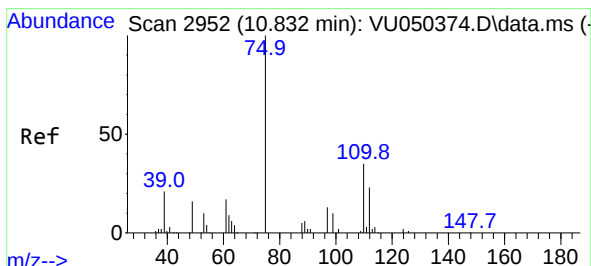
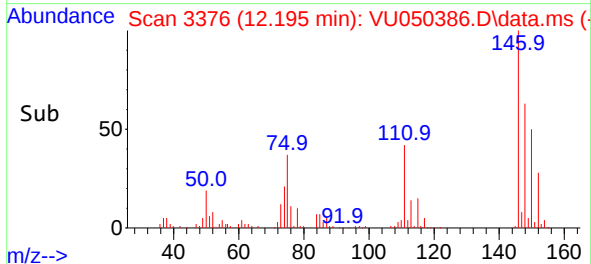
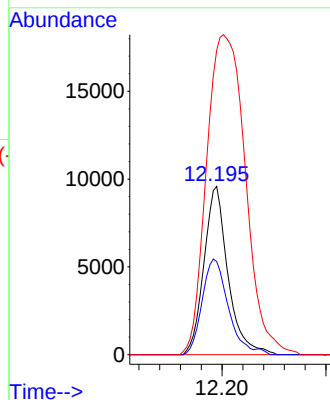
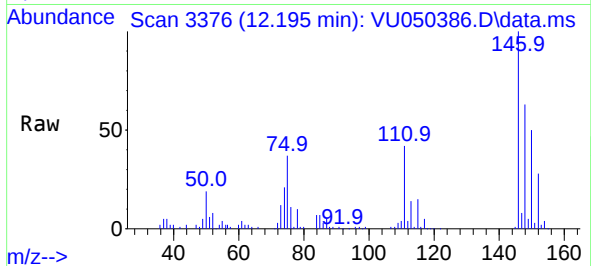




#68
 1,2-Dichlorobenzene-d4
 Concen: 1.056 ug/l
 RT: 12.195 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU050386.D
 Acq: 19 Aug 2022 23:42

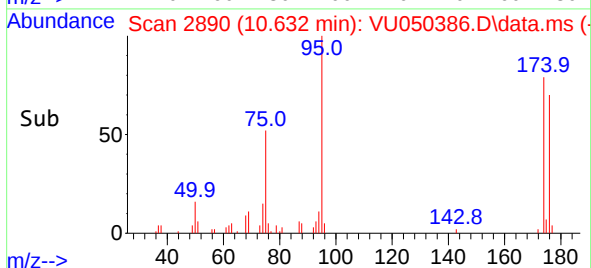
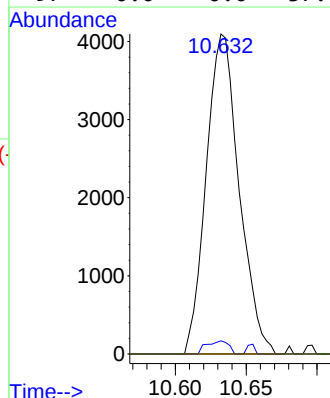
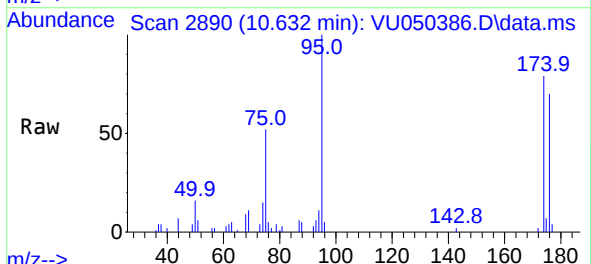
Instrument :
 MSVOA_U
 ClientSampleId :
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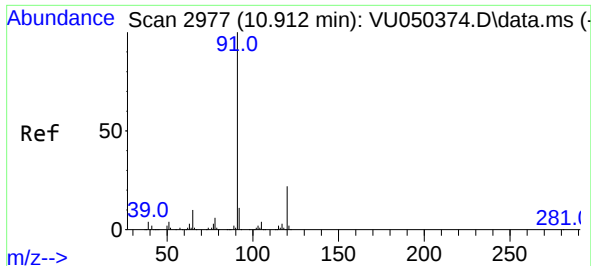
Tgt Ion:	152	Resp:	15425
Ion Ratio	Lower	Upper	
152	100		
115	61.9	0.0	254.6
150	306.6	0.0	623.6



#71
 1,2,3-Trichloropropane
 Concen: 0.671 ug/l
 RT: 10.632 min Scan# 2890
 Delta R.T. -0.200 min
 Lab File: VU050386.D
 Acq: 19 Aug 2022 23:42

Tgt Ion:	75	Resp:	6611
Ion Ratio	Lower	Upper	
75	100		
77	2.7	0.0	112.4
110	0.0	0.0	70.6
97	0.0	0.0	37.4

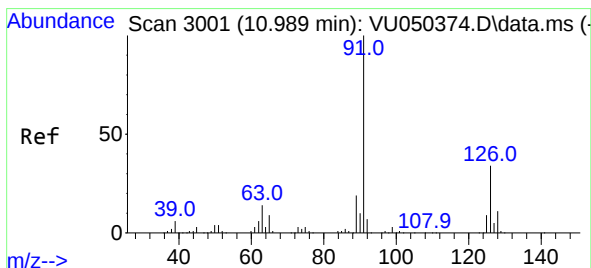
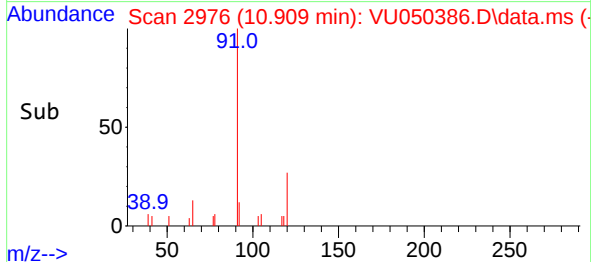
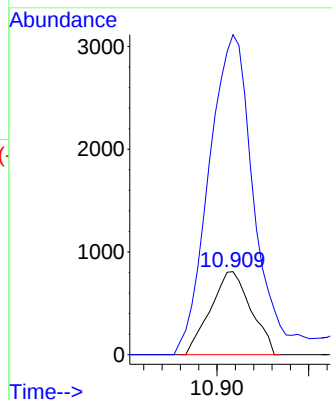
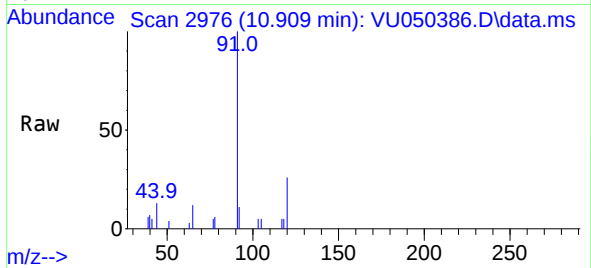




#73
n-propylbenzene
Concen: 0.674 ug/l
RT: 10.909 min Scan# 2976
Delta R.T. -0.003 min
Lab File: VU050386.D
Acq: 19 Aug 2022 23:42

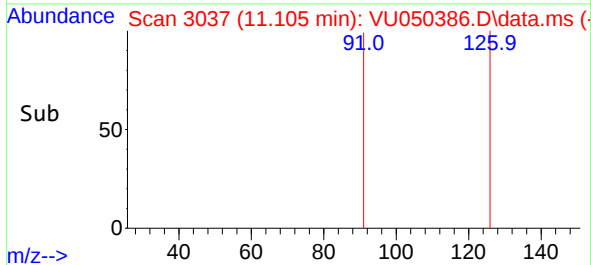
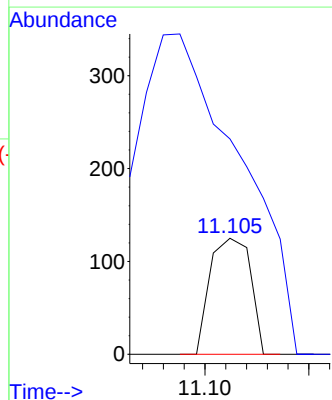
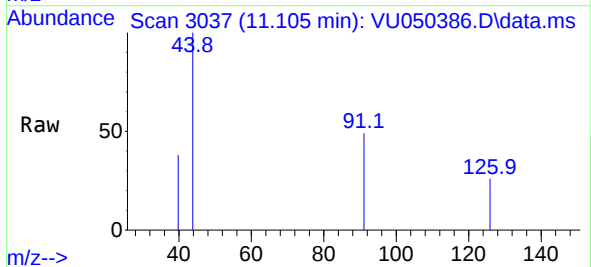
Instrument :
MSVOA_U
ClientSampleId :
WS-REGULATED-VOCS

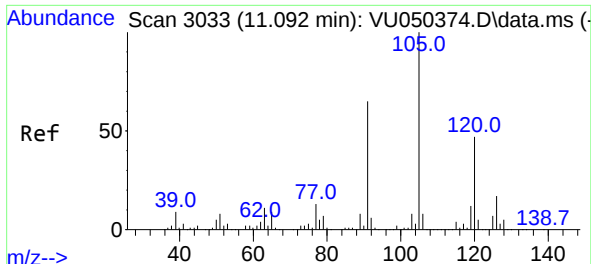
Tgt Ion:120 Resp: 1241
Ion Ratio Lower Upper
120 100
91 432.1 367.8 551.6



#74
2-Chlorotoluene
Concen: 0.395 ug/l
RT: 11.105 min Scan# 3037
Delta R.T. 0.116 min
Lab File: VU050386.D
Acq: 19 Aug 2022 23:42

Tgt Ion:126 Resp: 67
Ion Ratio Lower Upper
126 100
91 777.6 0.0 620.6#

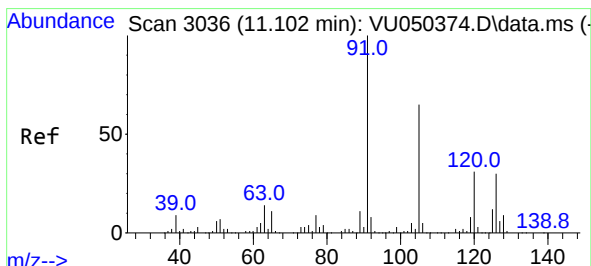
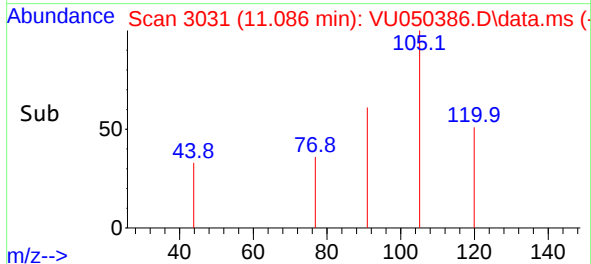
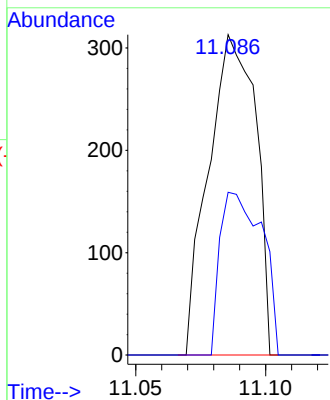
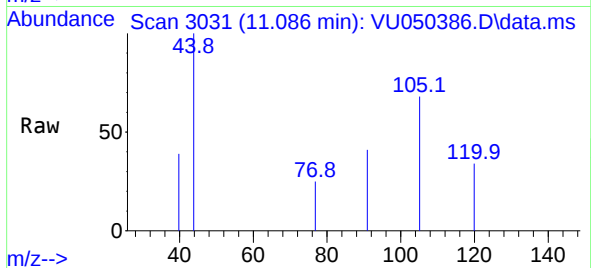




#75
1,3,5-Trimethylbenzene
Concen: 0.532 ug/l
RT: 11.086 min Scan# 3031
Delta R.T. -0.006 min
Lab File: VU050386.D
Acq: 19 Aug 2022 23:42

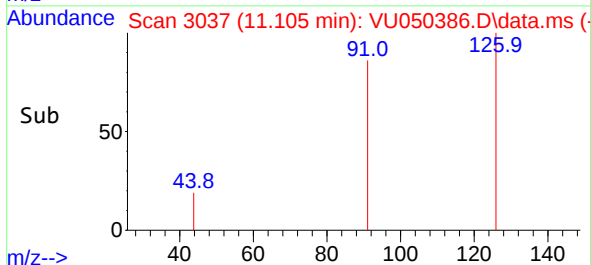
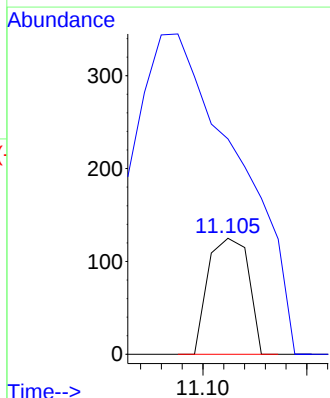
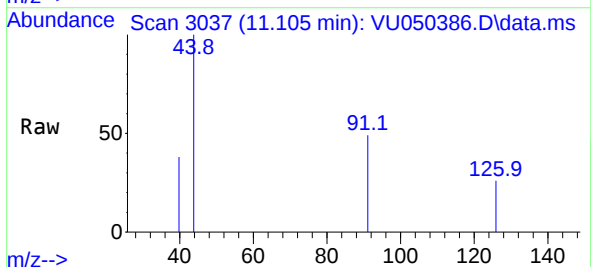
Instrument :
MSVOA_U
ClientSampleId :
WS-REGULATED-VOCS

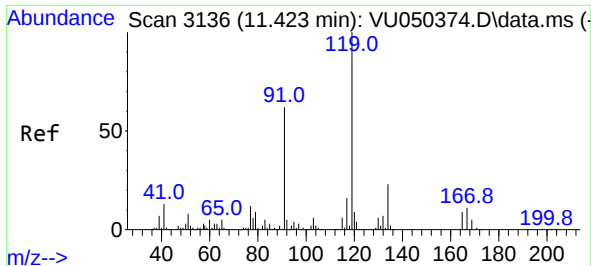
Tgt Ion:105 Resp: 395
Ion Ratio Lower Upper
105 100
120 45.3 37.6 56.4



#76
4-Chlorotoluene
Concen: 0.406 ug/l
RT: 11.105 min Scan# 3037
Delta R.T. 0.003 min
Lab File: VU050386.D
Acq: 19 Aug 2022 23:42

Tgt Ion:126 Resp: 67
Ion Ratio Lower Upper
126 100
91 777.6 0.0 738.8#

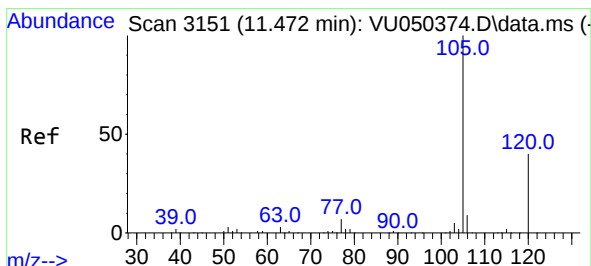
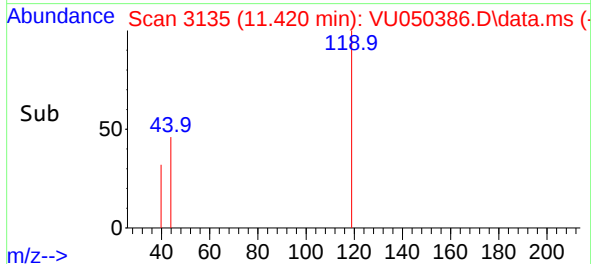
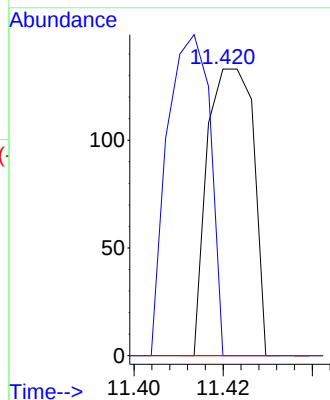
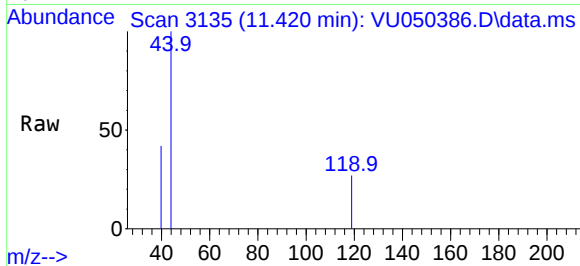




#77
tert-Butylbenzene
Concen: 0.496 ug/l
RT: 11.420 min Scan# 3136
Delta R.T. -0.003 min
Lab File: VU050386.D
Acq: 19 Aug 2022 23:42

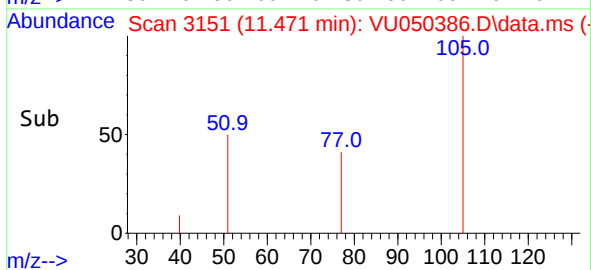
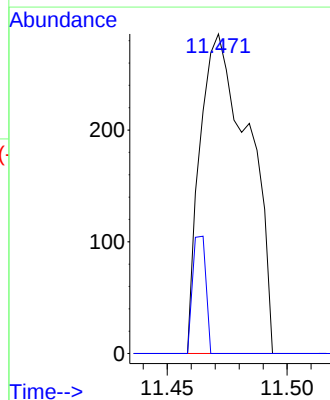
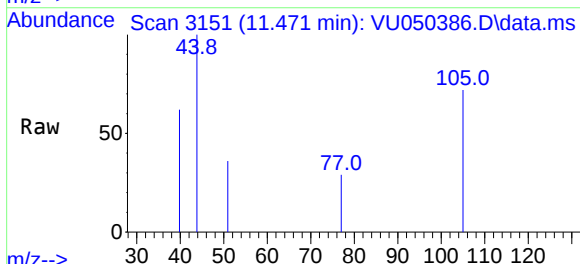
Instrument :
MSVOA_U
ClientSampleId :
WS-REGULATED-VOCS

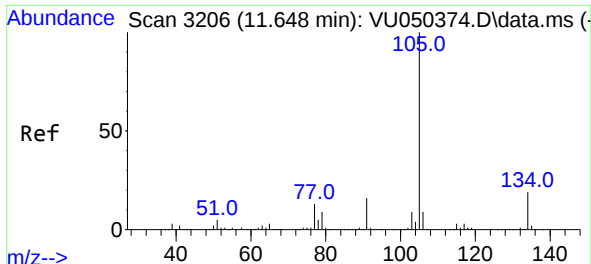
Tgt Ion:	119	Resp:	95
Ion	Ratio	Lower	Upper
119	100		
91	104.2	30.4	91.3#
134	0.0	17.8	26.6#



#78
1,2,4-Trimethylbenzene
Concen: 0.573 ug/l
RT: 11.471 min Scan# 3151
Delta R.T. -0.001 min
Lab File: VU050386.D
Acq: 19 Aug 2022 23:42

Tgt Ion:	105	Resp:	404
Ion	Ratio	Lower	Upper
105	100		
120	9.9	21.6	65.0#

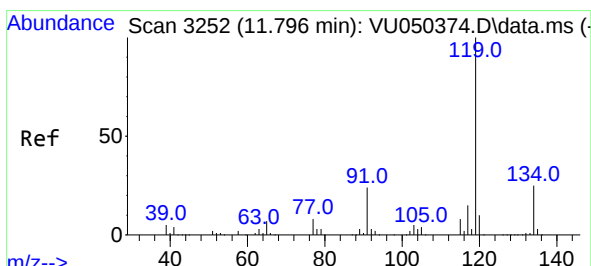
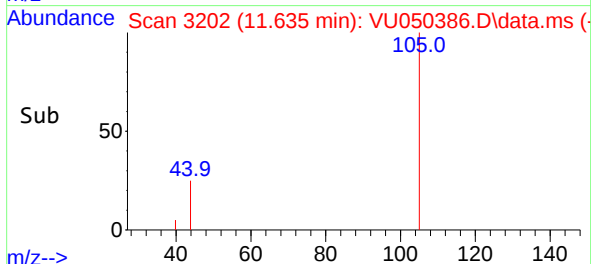
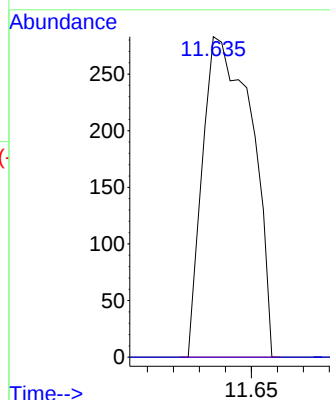
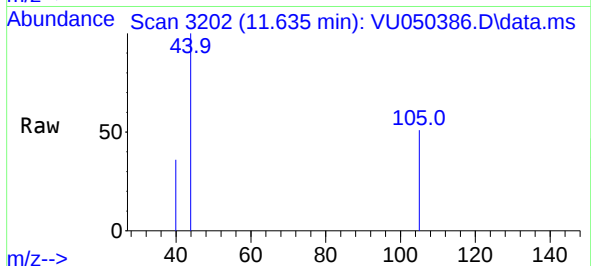




#79
 sec-Butylbenzene
 Concen: 0.555 ug/l
 RT: 11.635 min Scan# 31
 Delta R.T. -0.013 min
 Lab File: VU050386.D
 Acq: 19 Aug 2022 23:42

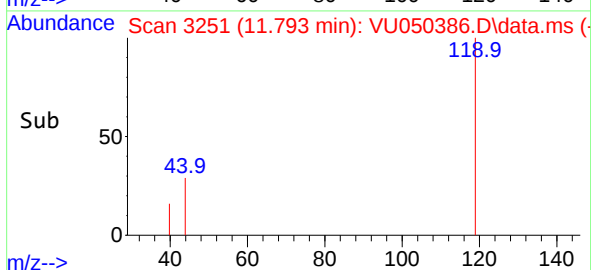
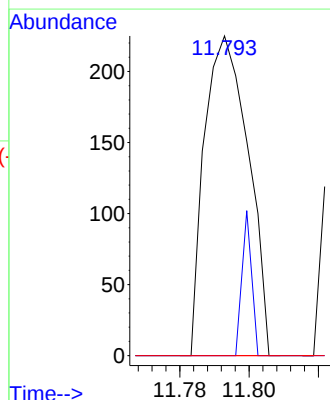
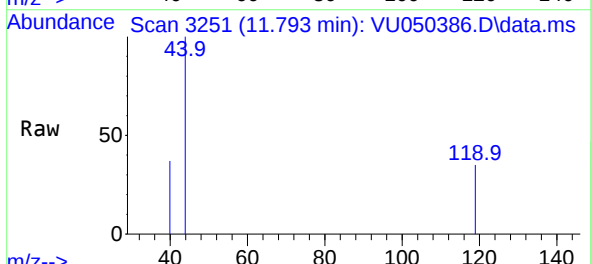
Instrument :
 MSVOA_U
 ClientSampleId :
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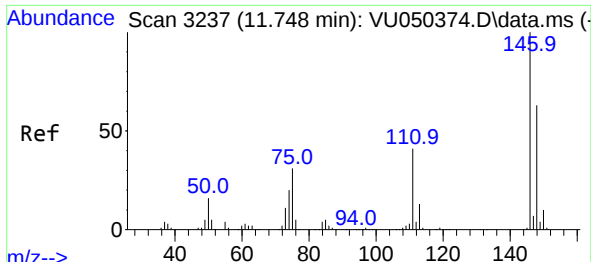
Tgt Ion:105 Resp: 371
 Ion Ratio Lower Upper
 105 100
 134 5.4 15.4 23.0#



#81
 p-Isopropyltoluene
 Concen: 0.005 ug/l
 RT: 11.793 min Scan# 3251
 Delta R.T. -0.003 min
 Lab File: VU050386.D
 Acq: 19 Aug 2022 23:42

Tgt Ion:119 Resp: 197
 Ion Ratio Lower Upper
 119 100
 134 10.2 20.5 30.7#
 91 0.0 19.8 29.6#

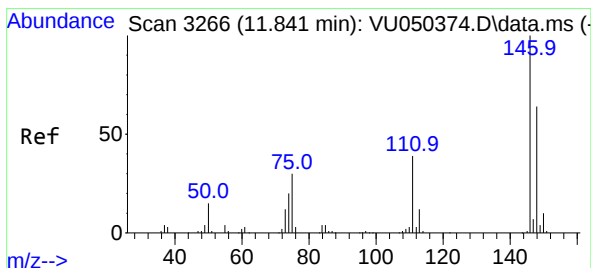
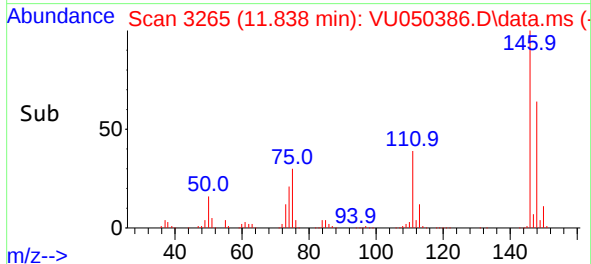
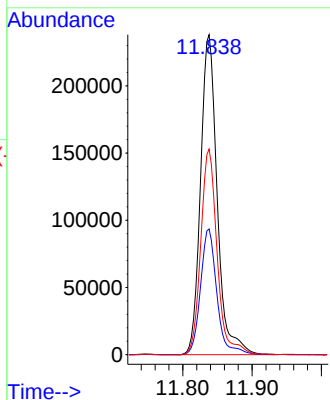
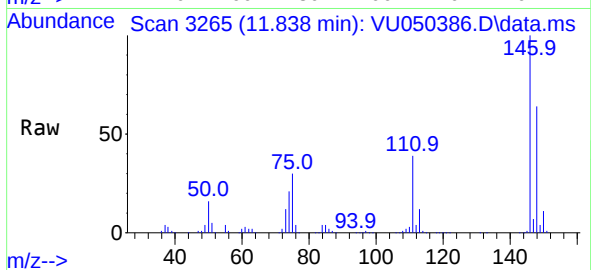




#82
1,3-Dichlorobenzene
Concen: 17.228 ug/l
RT: 11.838 min Scan# 31
Delta R.T. 0.090 min
Lab File: VU050386.D
Acq: 19 Aug 2022 23:42

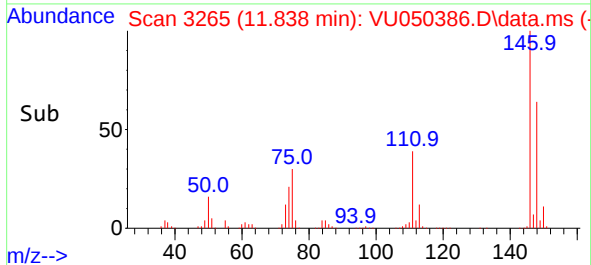
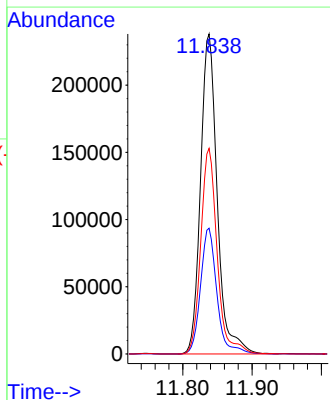
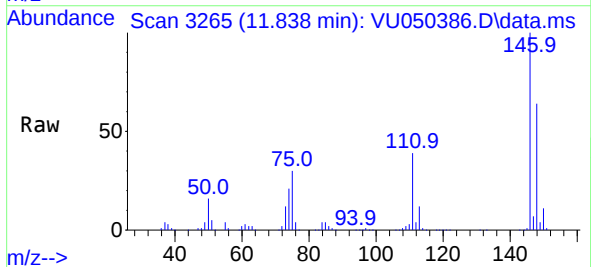
Instrument :
MSVOA_U
ClientSampleId :
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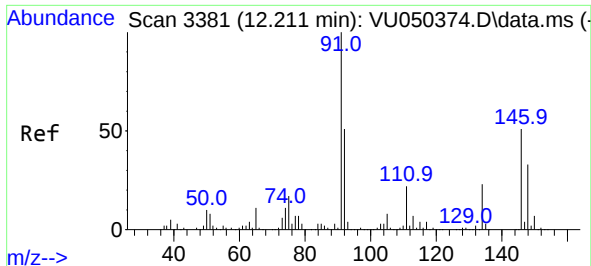
Tgt Ion:146 Resp: 397758
Ion Ratio Lower Upper
146 100
111 38.6 33.4 50.2
148 63.4 51.2 76.8



#83
1,4-Dichlorobenzene
Concen: 17.329 ug/l
RT: 11.838 min Scan# 3265
Delta R.T. -0.003 min
Lab File: VU050386.D
Acq: 19 Aug 2022 23:42

Tgt Ion:146 Resp: 397758
Ion Ratio Lower Upper
146 100
111 38.6 32.6 49.0
148 63.4 51.6 77.4

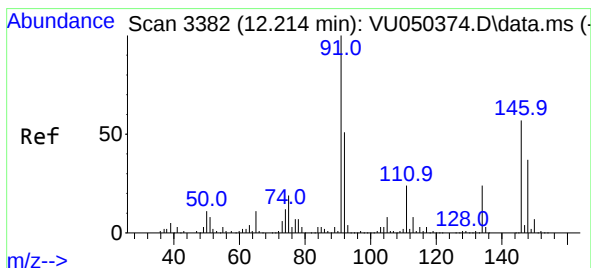
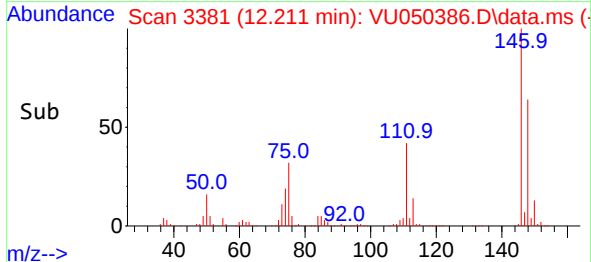
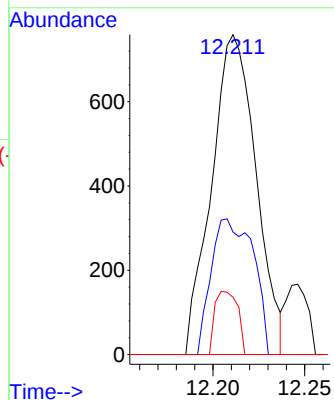
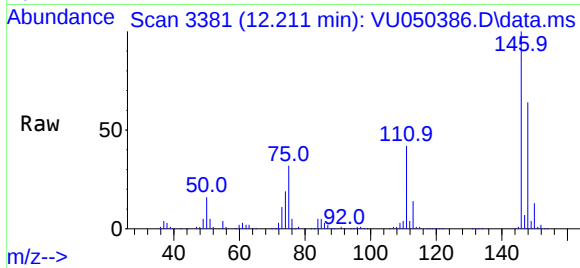




#84
n-Butylbenzene
Concen: 0.614 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. -0.000 min
Lab File: VU050386.D
Acq: 19 Aug 2022 23:42

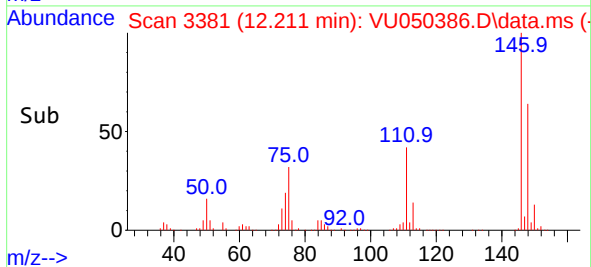
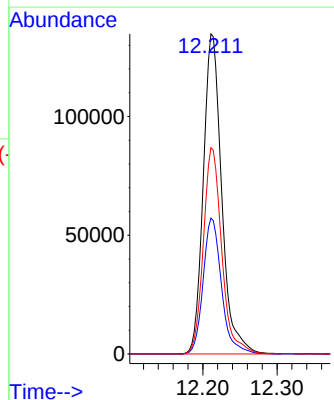
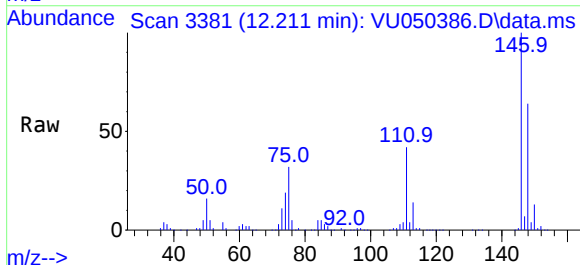
Instrument :
MSVOA_U
ClientSampleId :
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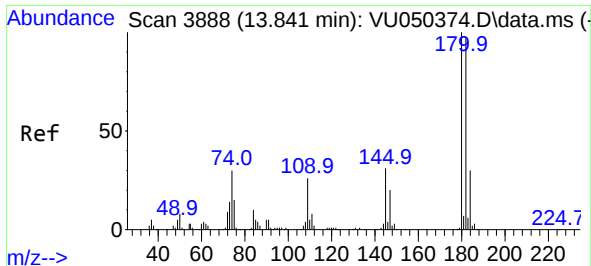
Tgt Ion: 91 Resp: 1281
Ion Ratio Lower Upper
91 100
92 40.1 42.3 63.5#
134 10.1 19.6 29.4#



#85
1,2-Dichlorobenzene
Concen: 10.232 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. -0.003 min
Lab File: VU050386.D
Acq: 19 Aug 2022 23:42

Tgt Ion: 146 Resp: 232238
Ion Ratio Lower Upper
146 100
111 42.3 22.1 66.1
148 64.4 32.1 96.3

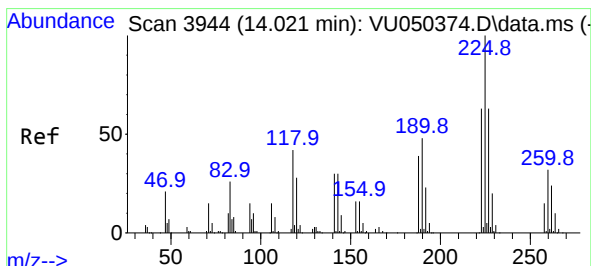
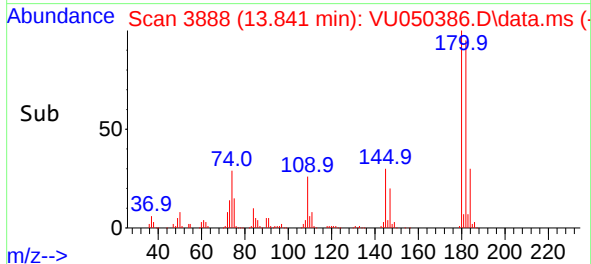
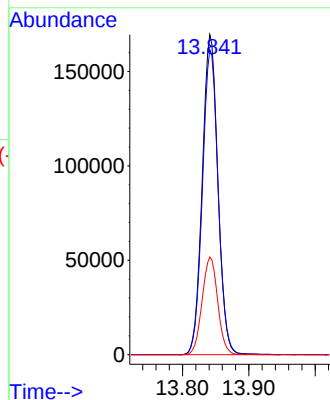
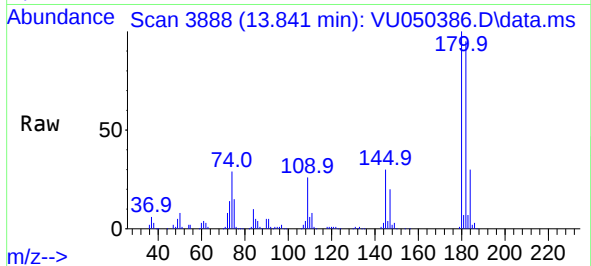




#87
1,2,4-Trichlorobenzene
Concen: 21.489 ug/l
RT: 13.841 min Scan# 3888
Delta R.T. -0.000 min
Lab File: VU050386.D
Acq: 19 Aug 2022 23:42

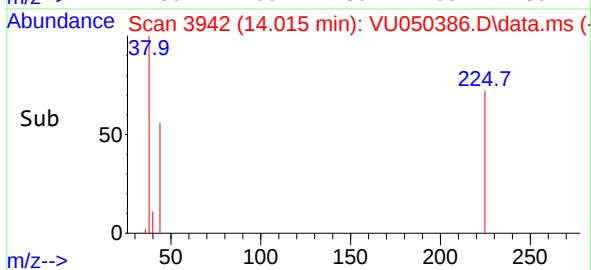
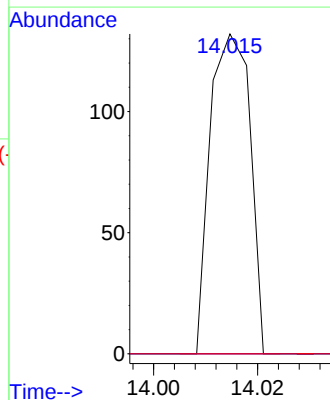
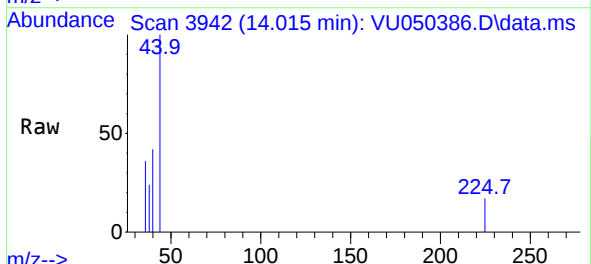
Instrument :
MSVOA_U
ClientSampleId :
WS-REGULATED-VOCS

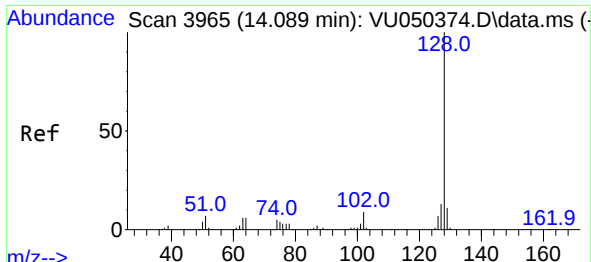
Tgt Ion:180 Resp: 278270
Ion Ratio Lower Upper
180 100
182 95.4 77.0 115.6
145 30.3 25.7 38.5



#88
Hexachlorobutadiene
Concen: 0.008 ug/l
RT: 14.015 min Scan# 3942
Delta R.T. -0.007 min
Lab File: VU050386.D
Acq: 19 Aug 2022 23:42

Tgt Ion:225 Resp: 70
Ion Ratio Lower Upper
225 100
223 0.0 50.6 76.0#
227 0.0 50.7 76.1#





#89

Naphthalene

Concen: 1.589 ug/l

RT: 14.089 min Scan# 3965

Delta R.T. -0.000 min

Lab File: VU050386.D

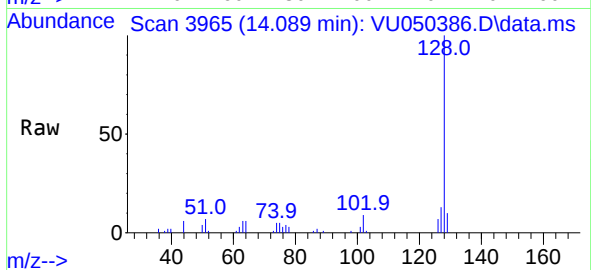
Acq: 19 Aug 2022 23:42

Instrument :

MSVOA_U

ClientSampleId :

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Tgt Ion:	128	Resp:	24413
Ion	Ratio	Lower	Upper
128	100		
127	12.2	10.1	15.1
129	10.0	8.6	12.8

