

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082222\
 Data File : VU050401.D
 Acq On : 22 Aug 2022 15:33
 Operator : SY/MD
 Sample : M3734-13DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 WS-UNREGULATED-VOCSDL

Quant Time: Aug 23 08:27:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U081922DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Aug 23 08:18:20 2022
 Response via : Initial Calibration

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

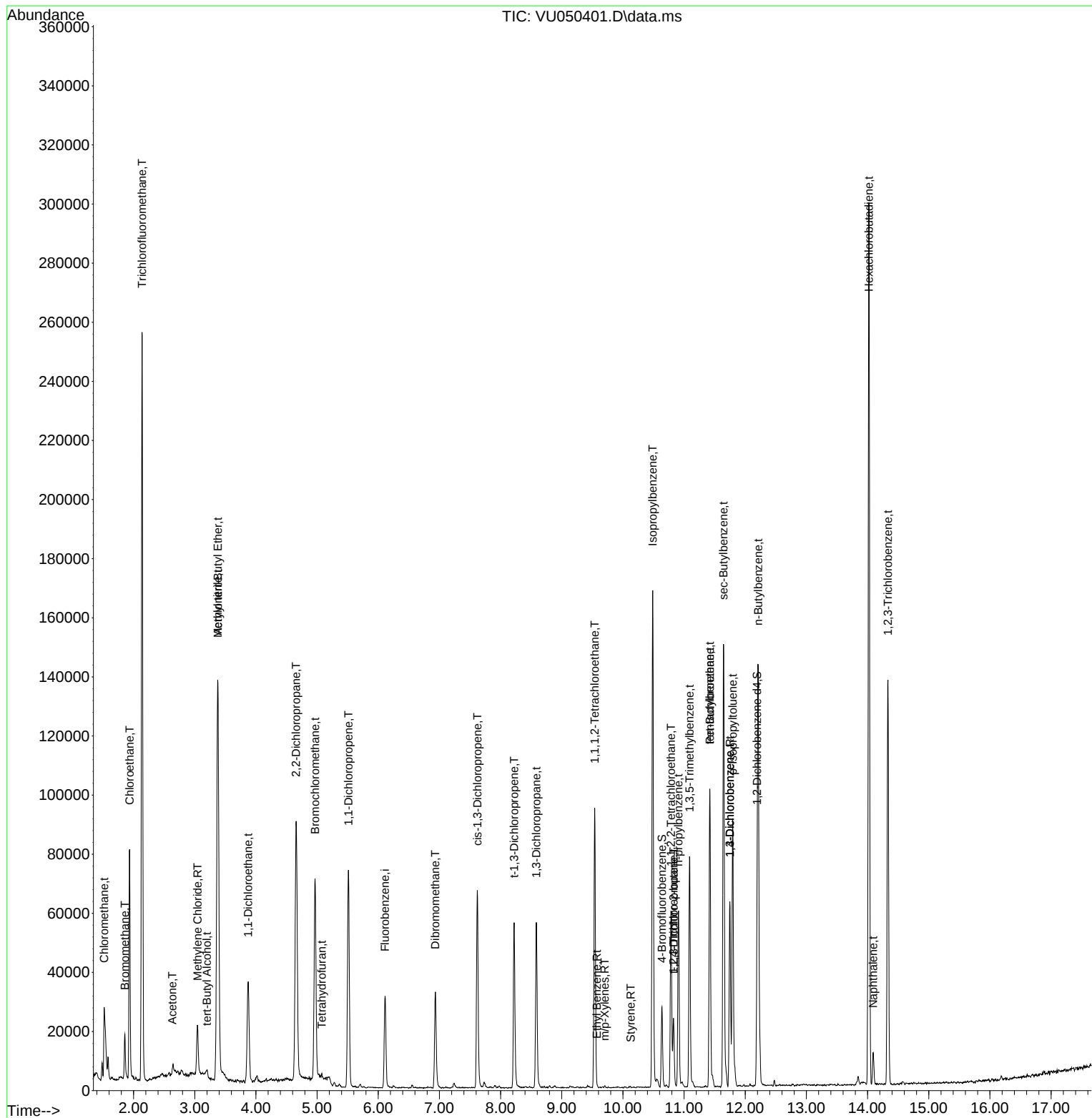
Internal Standards						
1) Fluorobenzene	6.112	96	30965	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.639	95	9475	0.899	ug/l	0.00
Spiked Amount 1.000			Recovery	=	90.000%	
68) 1,2-Dichlorobenzene-d4	12.195	152	13242	1.063	ug/l	0.00
Spiked Amount 1.000			Recovery	=	106.000%	
Target Compounds						
						Qvalue
3) Chloromethane	1.520	50	34827	2.233	ug/l	98
5) Bromomethane	1.858	94	7473	1.370	ug/l	94
6) Chloroethane	1.935	64	51869	6.433	ug/l	99
7) Trichlorofluoromethane	2.137	101	165381	9.942	ug/l	100
12) Acrylonitrile	3.375	53	2276	0.832	ug/l	# 36
13) Acetone	2.633	43	1800	0.941	ug/l	95
15) Methylene Chloride	3.044	84	7541	0.611	ug/l	95
17) 1,1-Dichloroethane	3.874	63	38973	1.985	ug/l	99
21) 2,2-Dichloropropane	4.658	77	64706	4.337	ug/l	94
24) tert-Butyl Alcohol	3.199	59	2024	2.443	ug/l	# 73
25) Methyl tert-Butyl Ether	3.379	73	156655	6.467	ug/l	95
26) Bromochloromethane	4.967	128	19603	4.582	ug/l	91
29) 1,1-Dichloropropene	5.514	75	40422	3.108	ug/l	99
41) Tetrahydrofuran	5.076	42	467	0.256	ug/l	# 37
43) Dibromomethane	6.931	93	14005	2.532	ug/l	96
46) t-1,4-Dichloro-2-butene	10.828	75	9830	3.411	ug/l	# 20
50) t-1,3-Dichloropropene	8.221	75	32371	3.185	ug/l	100
51) cis-1,3-Dichloropropene	7.620	75	42294	3.635	ug/l	94
53) 1,3-Dichloropropane	8.584	76	33821	2.642	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.539	131	24472	2.627	ug/l	97
61) Pentachloroethane	11.420	117	4527	0.584	ug/l	# 15
63) Ethyl Benzene	9.574	91	304	0.576	ug/l	# 44
64) m/p-Xylenes	9.703	106	39	1.086	ug/l	# 1
66) Styrene	10.128	104	203	0.607	ug/l	# 25
69) Isopropylbenzene	10.488	105	103752	2.803	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.787	83	31477	2.814	ug/l	96
71) 1,2,3-Trichloropropane	10.828	75	9830	1.169	ug/l	83
73) n-propylbenzene	10.909	120	9760	1.343	ug/l	94
75) 1,3,5-Trimethylbenzene	11.089	105	42471	1.551	ug/l	98
77) tert-Butylbenzene	11.420	119	43108	1.605	ug/l	88
79) sec-Butylbenzene	11.645	105	96874	2.362	ug/l	100
81) p-Isopropyltoluene	11.796	119	48154	1.702	ug/l	99
82) 1,3-Dichlorobenzene	11.748	146	28644	1.454	ug/l	98
83) 1,4-Dichlorobenzene	11.748	146	28644	1.462	ug/l	99
84) n-Butylbenzene	12.211	91	70144	2.336	ug/l	97
88) Hexachlorobutadiene	14.021	225	52606	7.315	ug/l	98
89) Naphthalene	14.092	128	9814	1.257	ug/l	99
90) 1,2,3-Trichlorobenzene	14.333	180	42929	3.351	ug/l	98

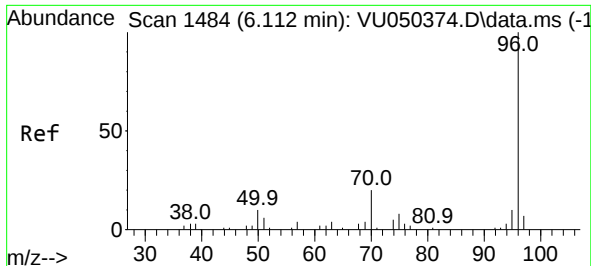
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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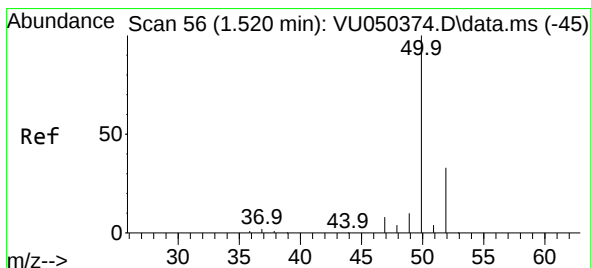
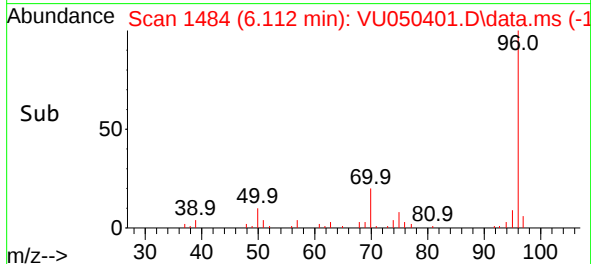
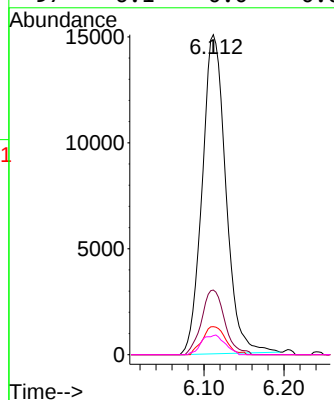
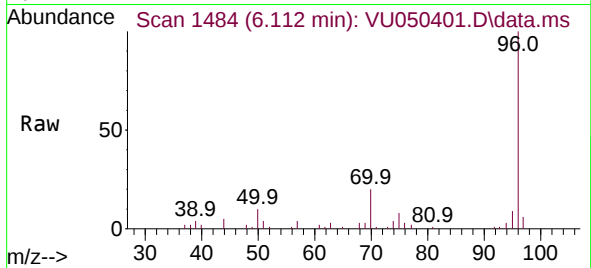




#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.112 min Scan# 1484
Delta R.T. -0.003 min
Lab File: VU050401.D
Acq: 22 Aug 2022 15:33

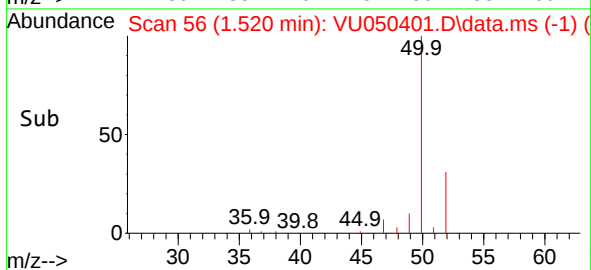
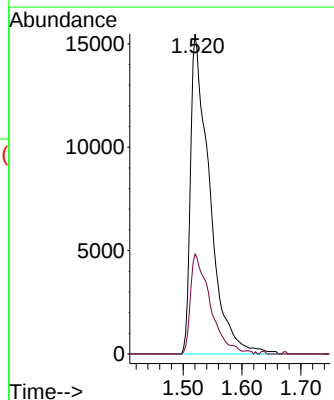
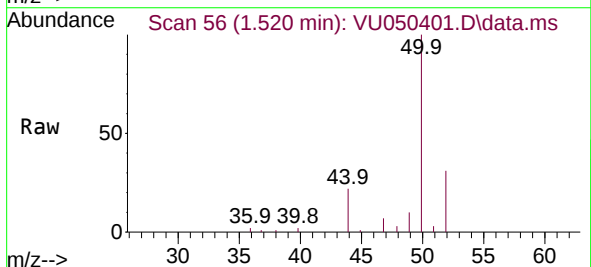
Instrument :
MSVOA_U
ClientSampleId :
WS-UNREGULATED-VOCSDL

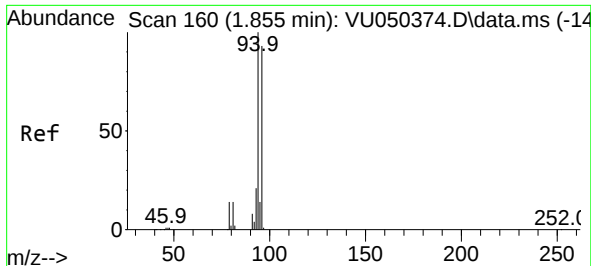
Tgt Ion:	96	Resp:	30965
Ion	Ratio	Lower	Upper
96	100		
70	19.9	16.7	25.1
95	8.6	7.4	11.0
97	6.1	0.0	0.0



#3
Chloromethane
Concen: 2.233 ug/l
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU050401.D
Acq: 22 Aug 2022 15:33

Tgt Ion:	50	Resp:	34827
Ion	Ratio	Lower	Upper
50	100		
52	31.2	26.1	39.1

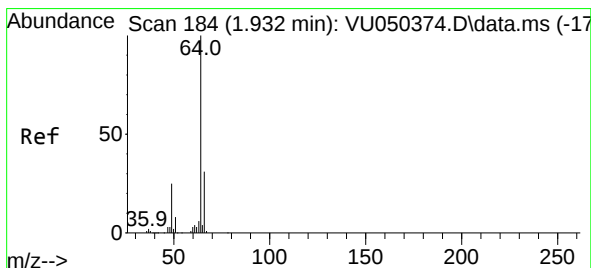
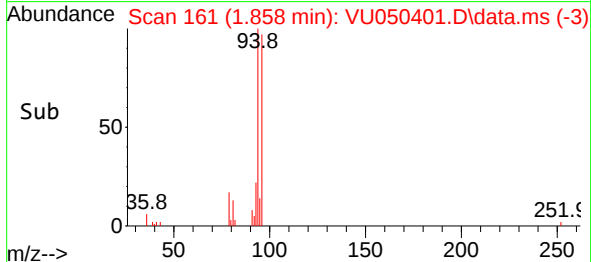
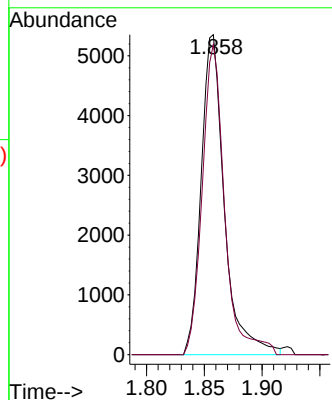
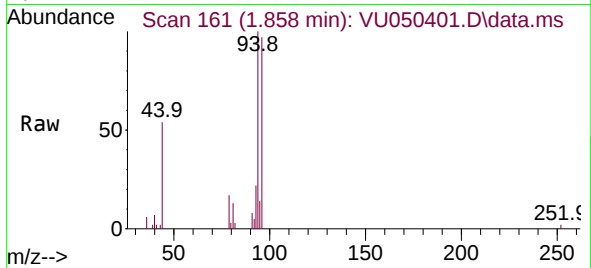




#5
Bromomethane
Concen: 1.370 ug/l
RT: 1.858 min Scan# 1
Delta R.T. 0.006 min
Lab File: VU050401.D
Acq: 22 Aug 2022 15:33

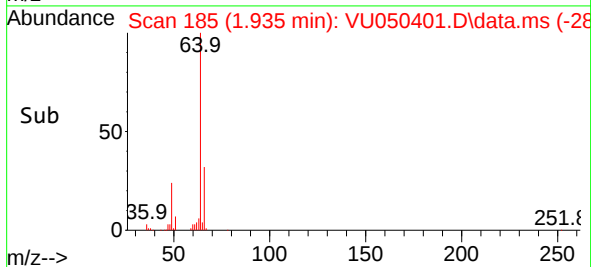
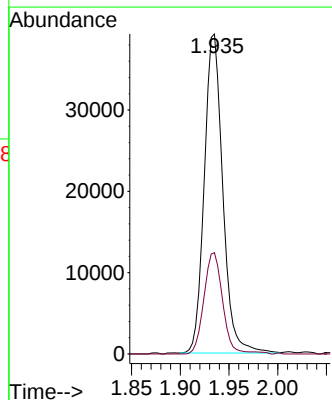
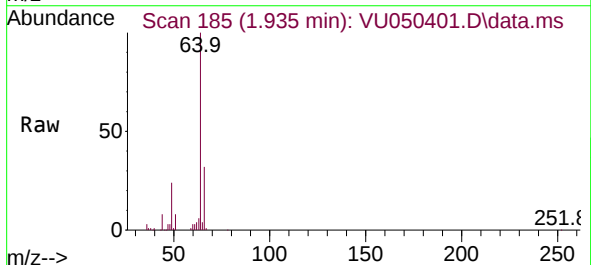
Instrument :
MSVOA_U
ClientSampleId :
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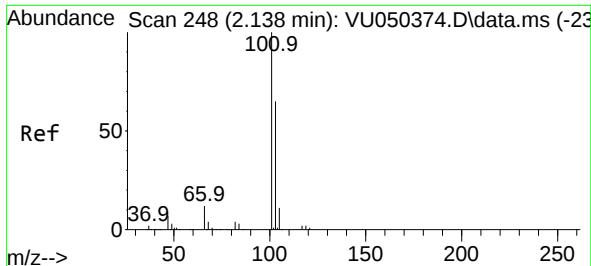
Tgt Ion: 94 Resp: 7473
Ion Ratio Lower Upper
94 100
96 96.9 73.0 109.6



#6
Chloroethane
Concen: 6.433 ug/l
RT: 1.935 min Scan# 185
Delta R.T. 0.003 min
Lab File: VU050401.D
Acq: 22 Aug 2022 15:33

Tgt Ion: 64 Resp: 51869
Ion Ratio Lower Upper
64 100
66 31.8 25.8 38.6

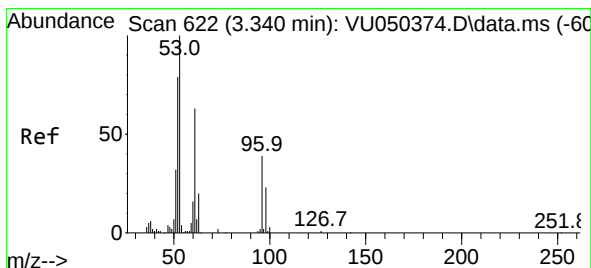
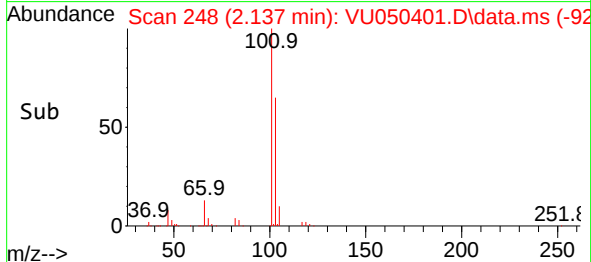
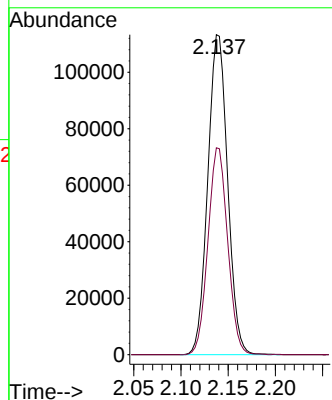
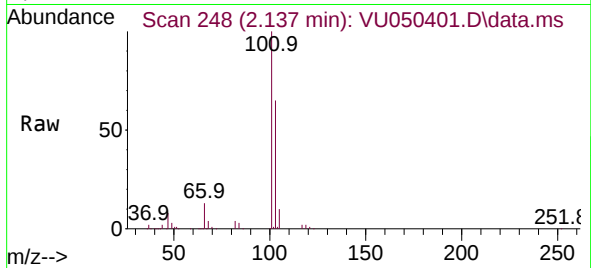




#7
Trichlorofluoromethane
Concen: 9.942 ug/l
RT: 2.137 min Scan# 248
Delta R.T. 0.000 min
Lab File: VU050401.D
Acq: 22 Aug 2022 15:33

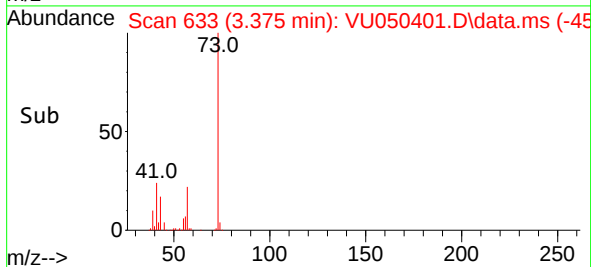
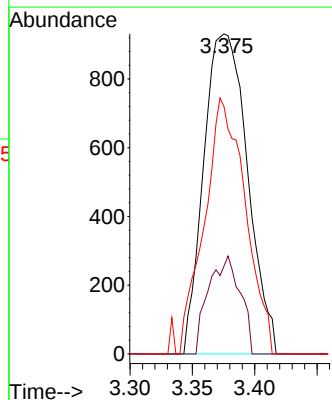
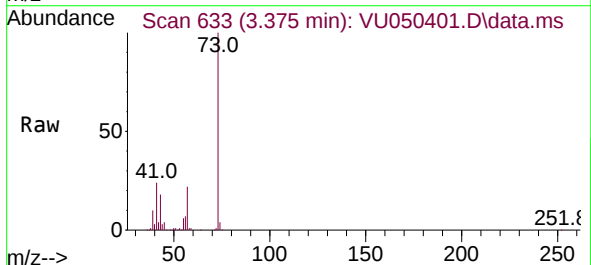
Instrument :
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ClientSampleId :
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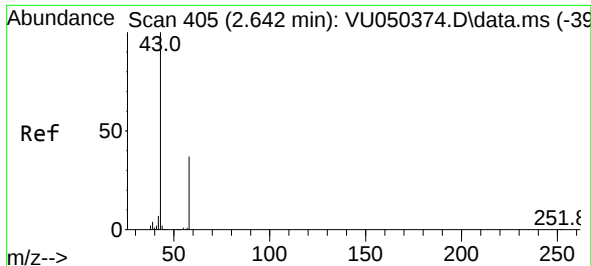
Tgt Ion:101 Resp: 165381
Ion Ratio Lower Upper
101 100
103 64.7 51.8 77.6



#12
Acrylonitrile
Concen: 0.832 ug/l
RT: 3.375 min Scan# 633
Delta R.T. 0.058 min
Lab File: VU050401.D
Acq: 22 Aug 2022 15:33

Tgt Ion: 53 Resp: 2276
Ion Ratio Lower Upper
53 100
52 22.0 64.6 97.0#
51 74.8 30.7 46.1#

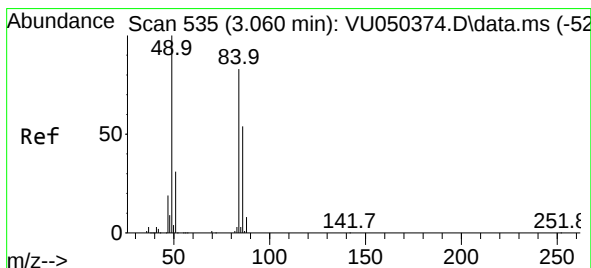
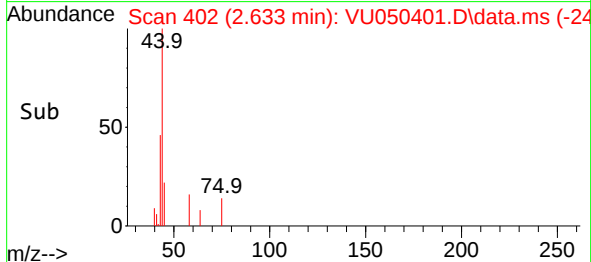
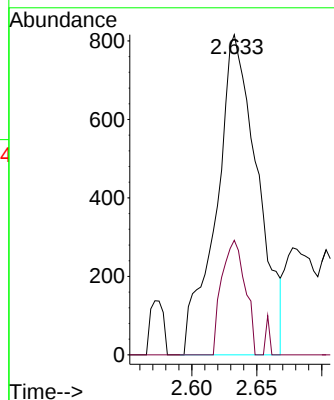
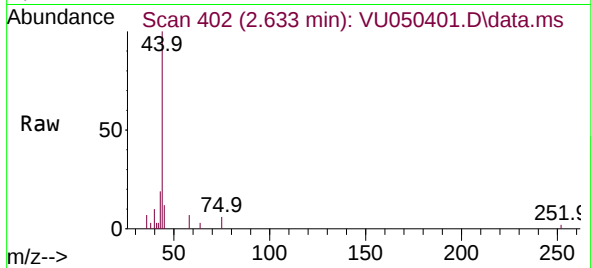




#13
Acetone
Concen: 0.941 ug/l
RT: 2.633 min Scan# 405
Delta R.T. 0.006 min
Lab File: VU050401.D
Acq: 22 Aug 2022 15:33

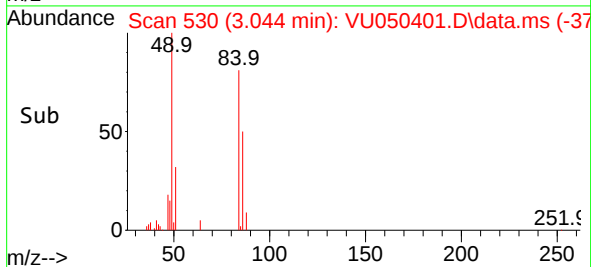
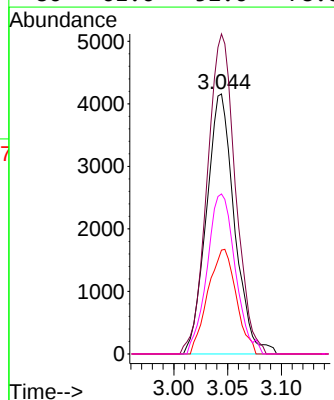
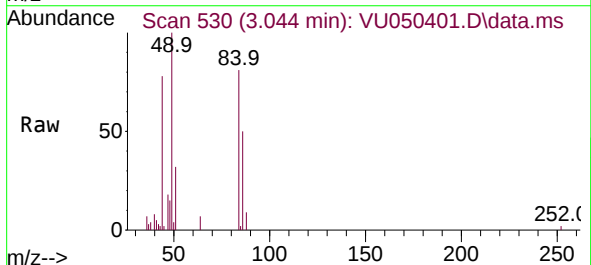
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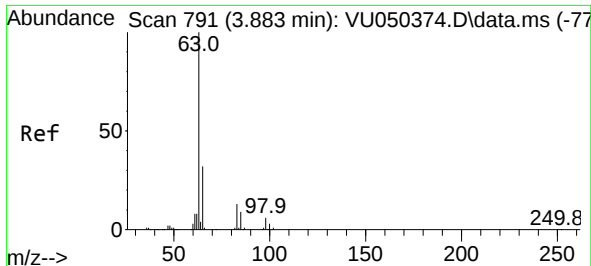
Tgt Ion: 43 Resp: 1800
Ion Ratio Lower Upper
43 100
58 35.8 26.2 39.2



#15
Methylene Chloride
Concen: 0.611 ug/l
RT: 3.044 min Scan# 530
Delta R.T. 0.000 min
Lab File: VU050401.D
Acq: 22 Aug 2022 15:33

Tgt Ion: 84 Resp: 7541
Ion Ratio Lower Upper
84 100
49 123.1 104.6 157.0
51 39.9 0.0 81.4
86 61.6 52.6 78.8





#17

1,1-Dichloroethane

Concen: 1.985 ug/l

RT: 3.874 min Scan# 791

Delta R.T. 0.010 min

Lab File: VU050401.D

Acq: 22 Aug 2022 15:33

Instrument :

MSVOA_U

ClientSampleId :

WS-UNREGULATED-VOCSDL

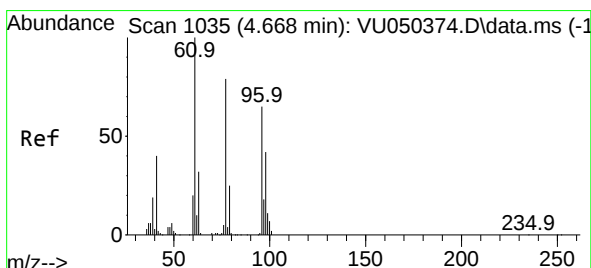
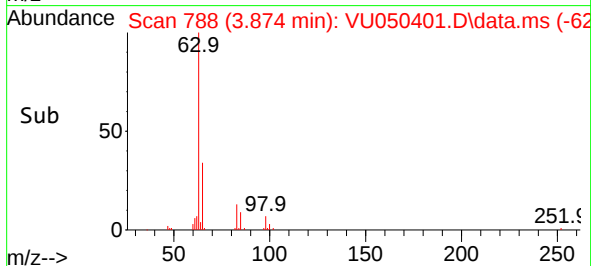
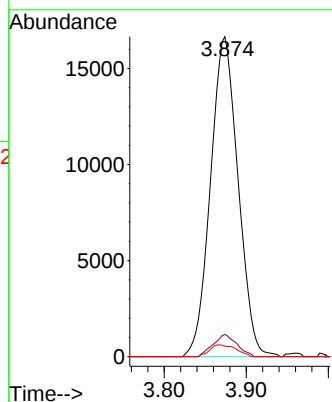
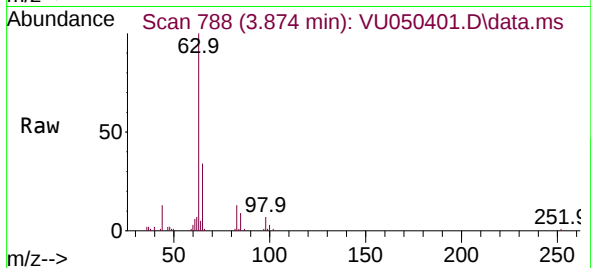
Tgt Ion: 63 Resp: 38973

Ion Ratio Lower Upper

63 100

98 7.0 3.4 10.2

100 3.3 2.0 6.0



#21

2,2-Dichloropropane

Concen: 4.337 ug/l

RT: 4.658 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VU050401.D

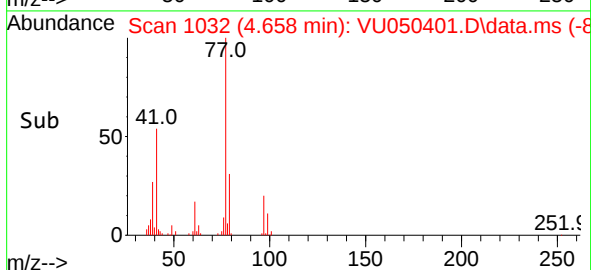
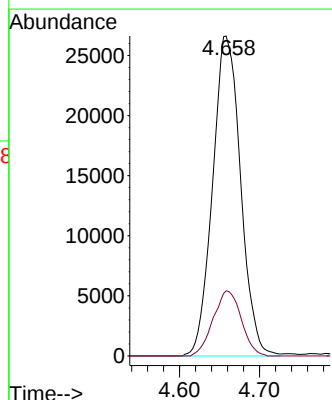
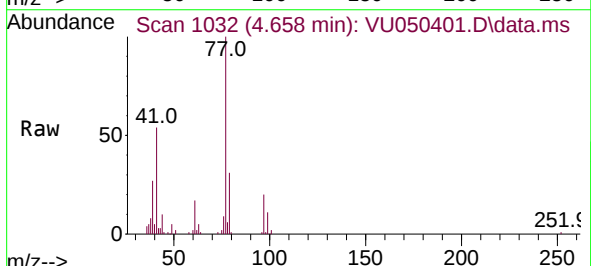
Acq: 22 Aug 2022 15:33

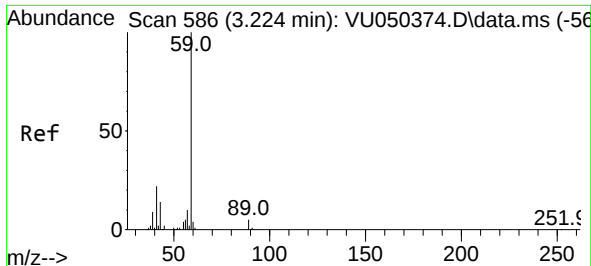
Tgt Ion: 77 Resp: 64706

Ion Ratio Lower Upper

77 100

97 20.4 18.5 27.7

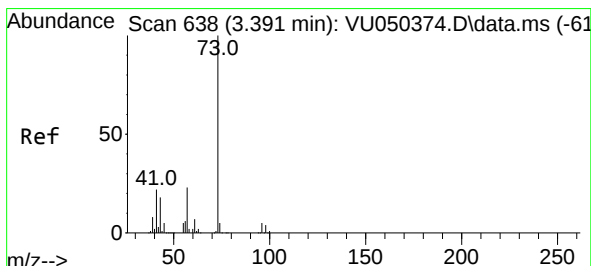
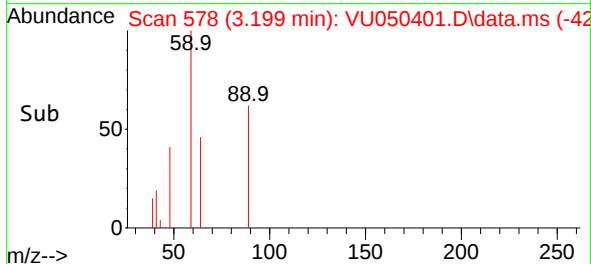
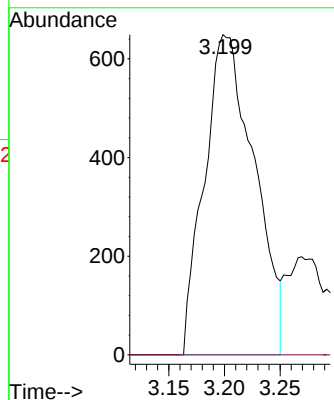
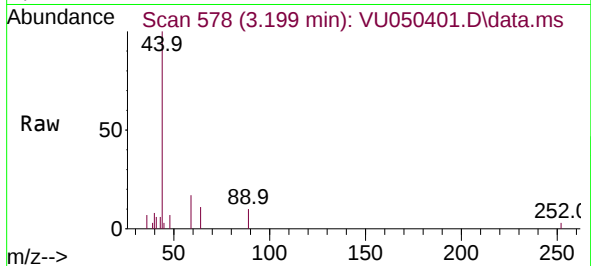




#24
tert-Butyl Alcohol
Concen: 2.443 ug/l
RT: 3.199 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU050401.D
Acq: 22 Aug 2022 15:33

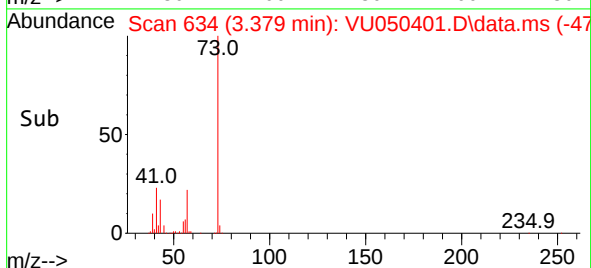
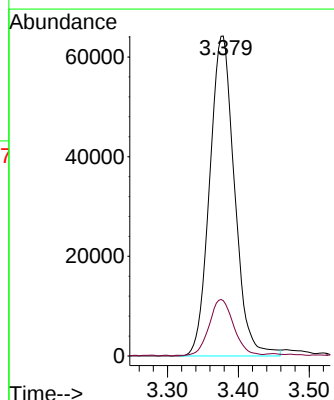
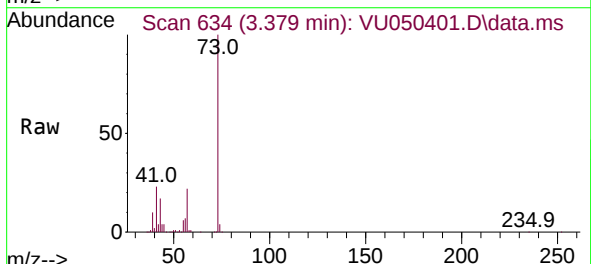
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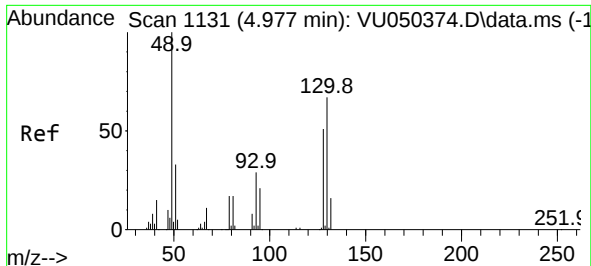
Tgt Ion: 59 Resp: 2024
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



#25
Methyl tert-Butyl Ether
Concen: 6.467 ug/l
RT: 3.379 min Scan# 634
Delta R.T. 0.010 min
Lab File: VU050401.D
Acq: 22 Aug 2022 15:33

Tgt Ion: 73 Resp: 156655
Ion Ratio Lower Upper
73 100
43 17.7 15.9 23.9

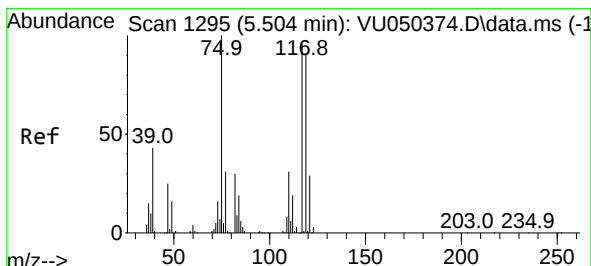
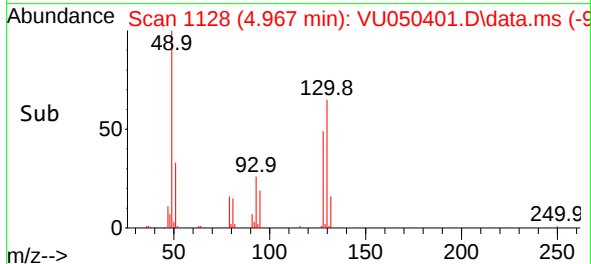
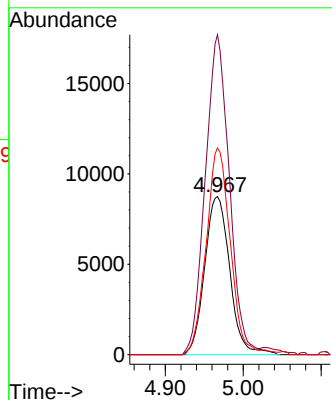
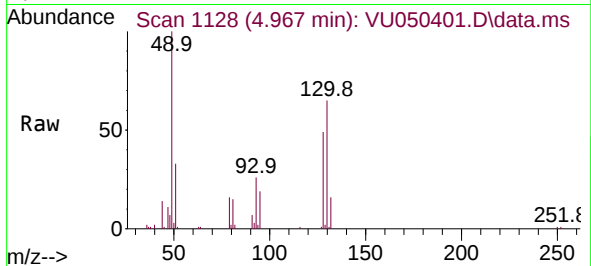




#26
Bromochloromethane
Concen: 4.582 ug/l
RT: 4.967 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VU050401.D
Acq: 22 Aug 2022 15:33

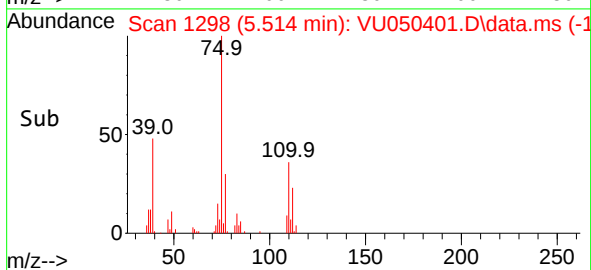
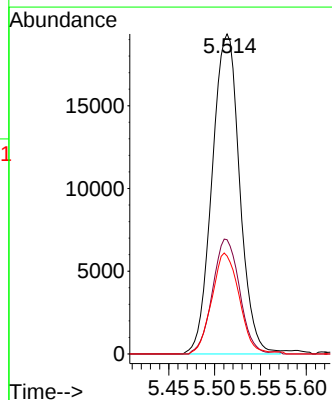
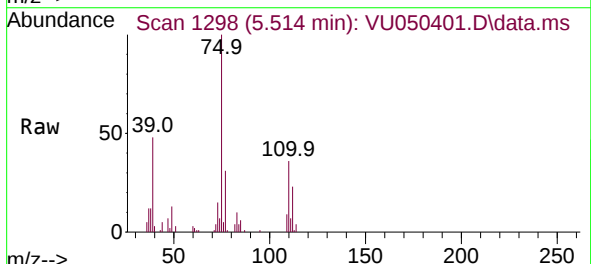
Instrument :
MSVOA_U
ClientSampleId :
WS-UNREGULATED-VOCSDL

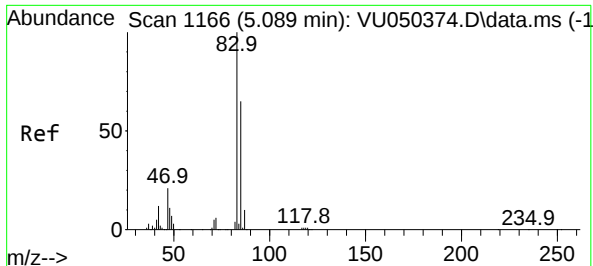
Tgt Ion:128 Resp: 19603
Ion Ratio Lower Upper
128 100
49 193.1 0.0 349.2
130 124.8 103.0 154.6



#29
1,1-Dichloropropene
Concen: 3.108 ug/l
RT: 5.514 min Scan# 1298
Delta R.T. -0.010 min
Lab File: VU050401.D
Acq: 22 Aug 2022 15:33

Tgt Ion: 75 Resp: 40422
Ion Ratio Lower Upper
75 100
110 35.2 17.3 52.0
77 31.3 24.6 37.0





#41

Tetrahydrofuran

Concen: 0.256 ug/l

RT: 5.076 min Scan# 1166

Delta R.T. 0.010 min

Lab File: VU050401.D

Acq: 22 Aug 2022 15:33

Instrument :

MSVOA_U

ClientSampleId :

WS-UNREGULATED-VOCSDL

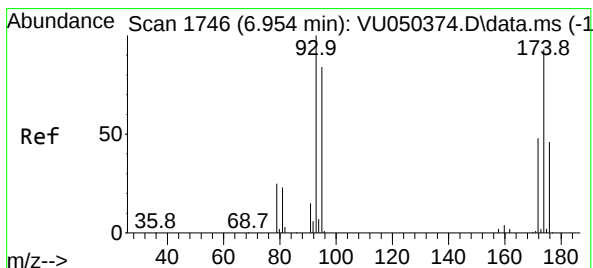
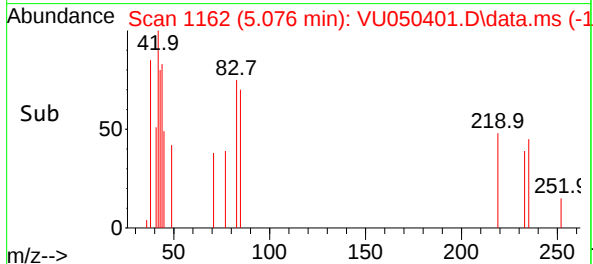
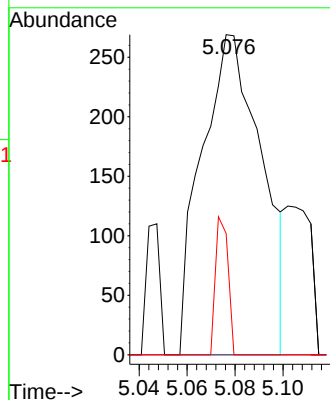
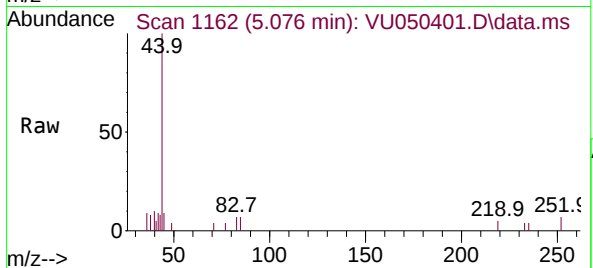
Tgt Ion: 42 Resp: 467

Ion Ratio Lower Upper

42 100

72 0.0 38.9 58.3#

71 9.0 33.7 50.5#



#43

Dibromomethane

Concen: 2.532 ug/l

RT: 6.931 min Scan# 1739

Delta R.T. 0.013 min

Lab File: VU050401.D

Acq: 22 Aug 2022 15:33

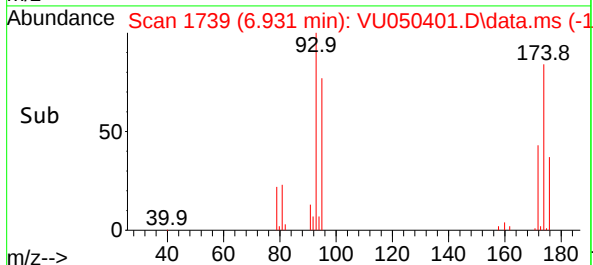
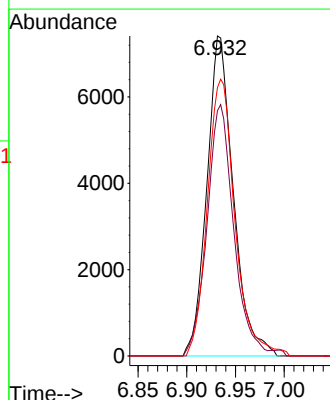
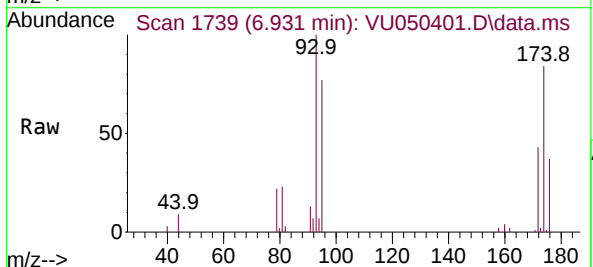
Tgt Ion: 93 Resp: 14005

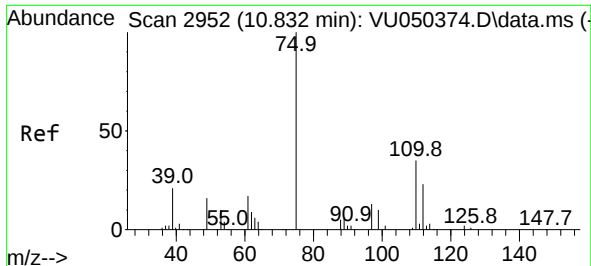
Ion Ratio Lower Upper

93 100

95 79.2 65.0 97.6

174 90.2 76.3 114.5

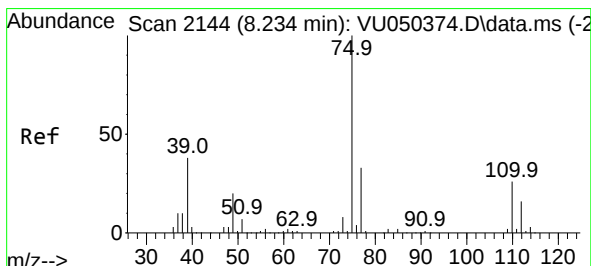
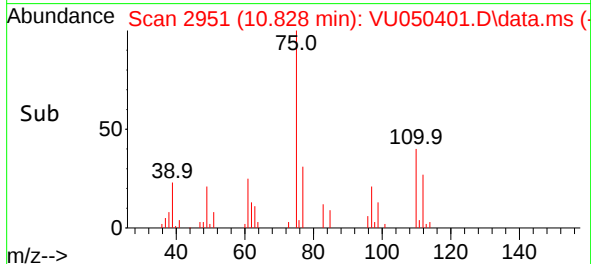
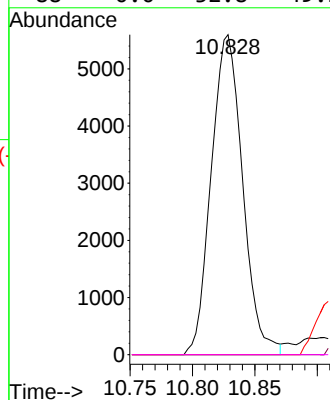
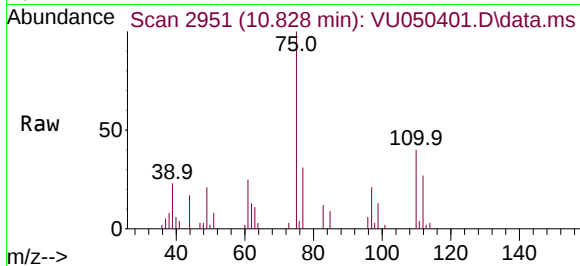




#46
 t-1,4-Dichloro-2-butene
 Concen: 3.411 ug/l
 RT: 10.828 min Scan# 2951
 Delta R.T. -0.003 min
 Lab File: VU050401.D
 Acq: 22 Aug 2022 15:33

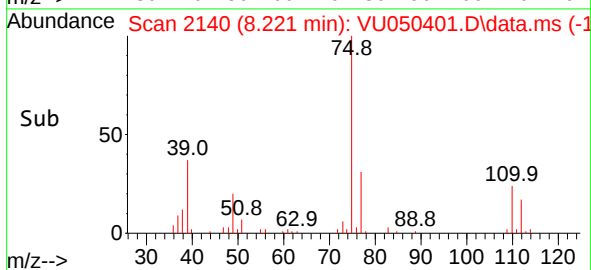
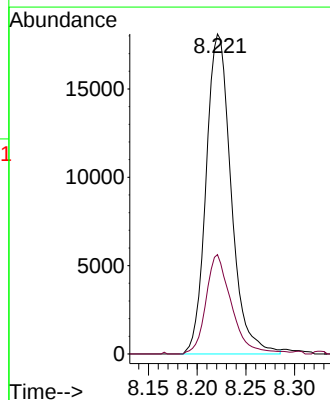
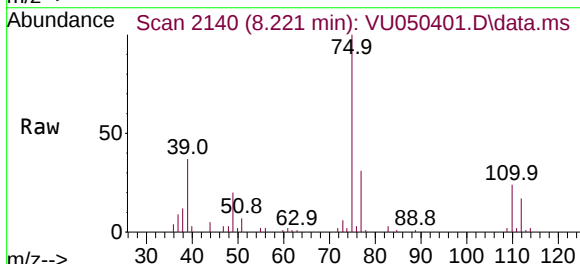
Instrument : MSVOA_U
 ClientSampleId : WS-UNREGULATED-VOCSDL

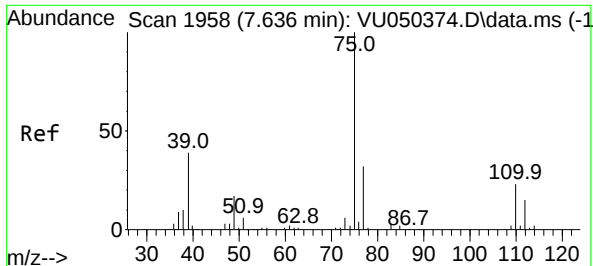
Tgt Ion:	75	Resp:	9830
Ion	Ratio	Lower	Upper
75	100		
53	0.0	64.4	96.6#
89	0.0	44.2	66.2#
88	0.0	32.8	49.2#



#50
 t-1,3-Dichloropropene
 Concen: 3.185 ug/l
 RT: 8.221 min Scan# 2140
 Delta R.T. 0.010 min
 Lab File: VU050401.D
 Acq: 22 Aug 2022 15:33

Tgt Ion:	75	Resp:	32371
Ion	Ratio	Lower	Upper
75	100		
77	31.0	24.7	37.1





#51

cis-1,3-Dichloropropene

Concen: 3.635 ug/l

RT: 7.620 min Scan# 1953

Delta R.T. 0.010 min

Lab File: VU050401.D

Acq: 22 Aug 2022 15:33

Instrument :

MSVOA_U

ClientSampleId :

WS-UNREGULATED-VOCSDL

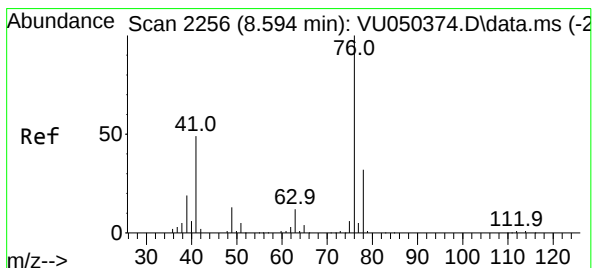
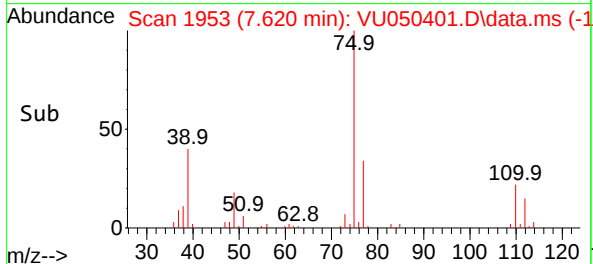
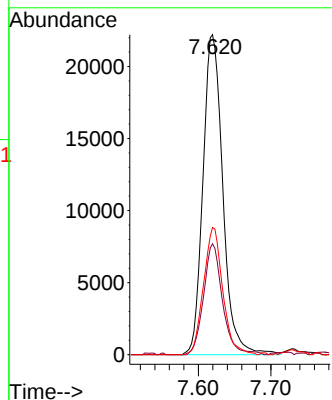
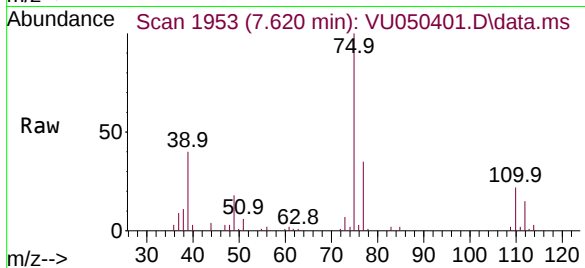
Tgt Ion: 75 Resp: 42294

Ion Ratio Lower Upper

75 100

77 34.7 25.4 38.0

39 39.7 35.1 52.7



#53

1,3-Dichloropropane

Concen: 2.642 ug/l

RT: 8.584 min Scan# 2253

Delta R.T. 0.006 min

Lab File: VU050401.D

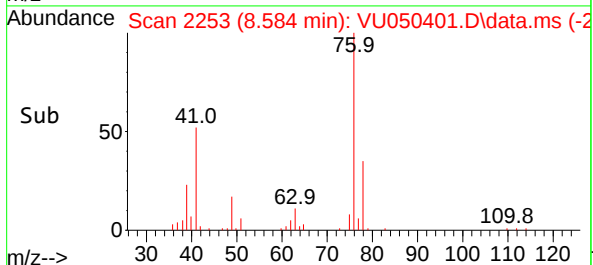
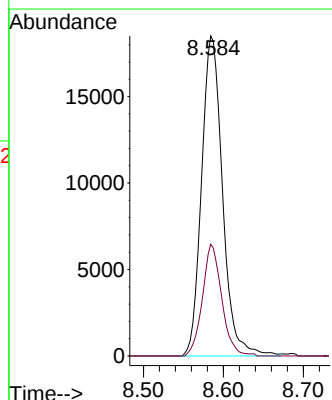
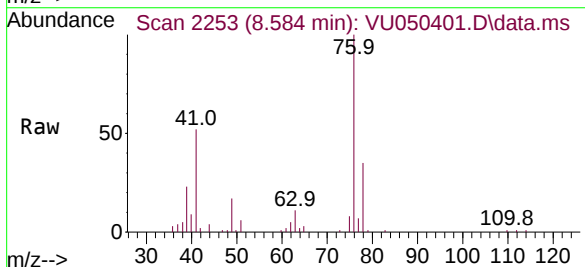
Acq: 22 Aug 2022 15:33

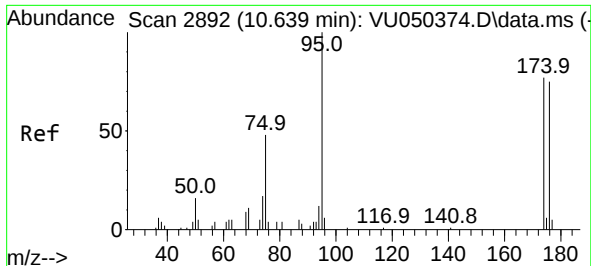
Tgt Ion: 76 Resp: 33821

Ion Ratio Lower Upper

76 100

78 32.0 26.0 39.0





#57

4-Bromofluorobenzene

Concen: 0.899 ug/l

RT: 10.639 min Scan# 21

Delta R.T. 0.006 min

Lab File: VU050401.D

Acq: 22 Aug 2022 15:33

Instrument :

MSVOA_U

ClientSampleId :

WS-UNREGULATED-VOCSDL

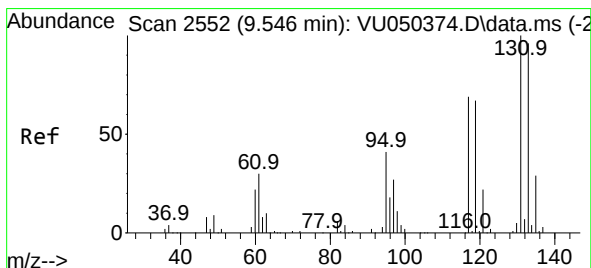
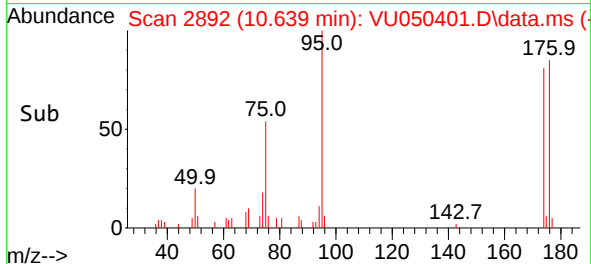
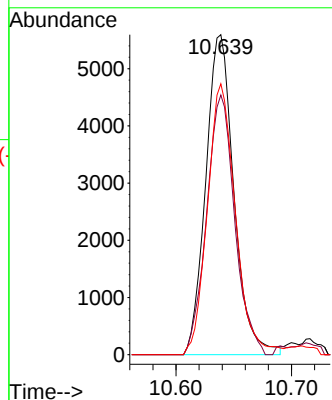
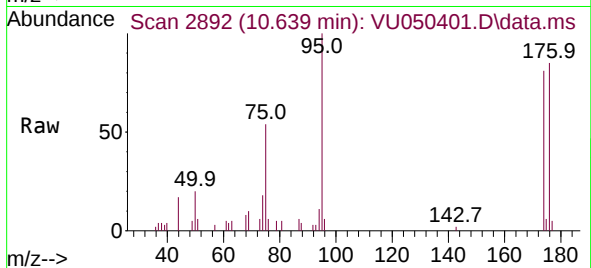
Tgt Ion: 95 Resp: 9475

Ion Ratio Lower Upper

95 100

174 80.9 62.4 93.6

176 84.2 56.2 84.2



#60

1,1,1,2-Tetrachloroethane

Concen: 2.627 ug/l

RT: 9.539 min Scan# 2550

Delta R.T. 0.003 min

Lab File: VU050401.D

Acq: 22 Aug 2022 15:33

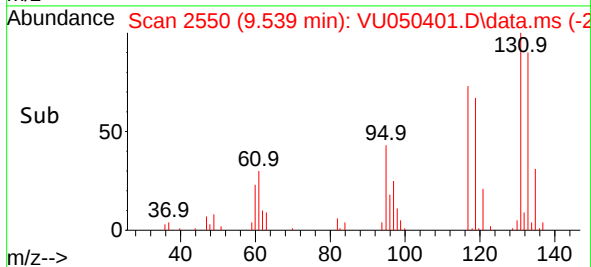
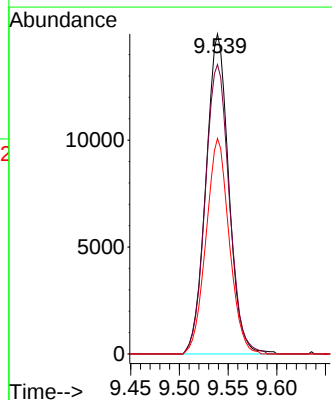
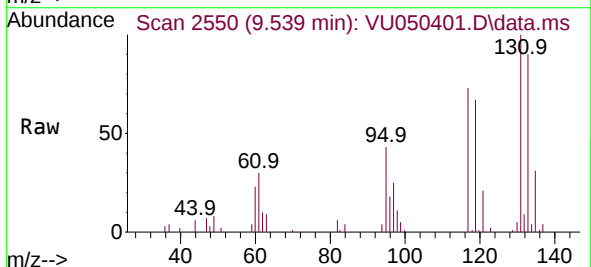
Tgt Ion: 131 Resp: 24472

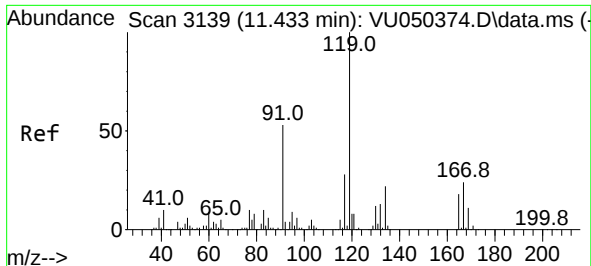
Ion Ratio Lower Upper

131 100

133 94.7 78.3 117.5

119 68.2 53.2 79.8

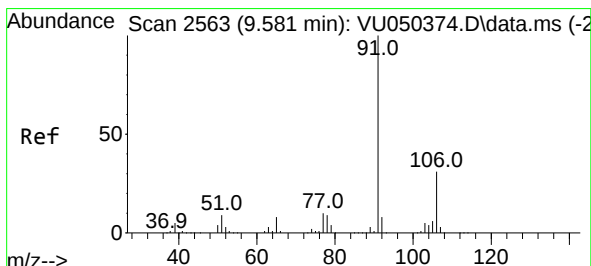
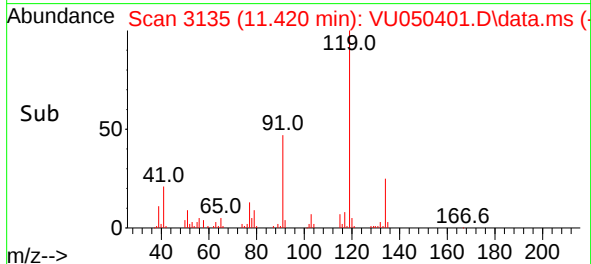
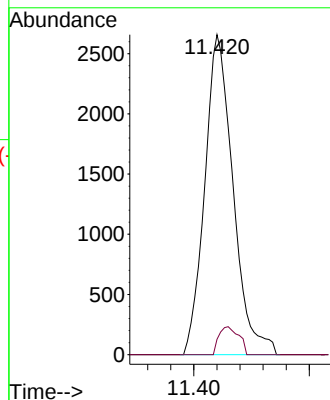
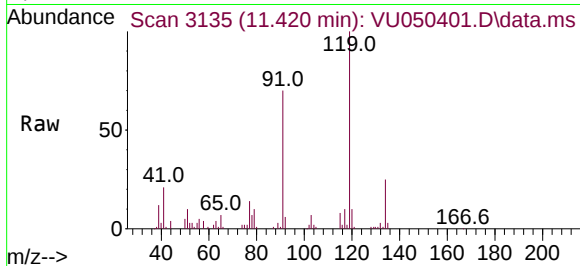




#61
 Pentachloroethane
 Concen: 0.584 ug/l
 RT: 11.420 min Scan# 3139
 Delta R.T. -0.010 min
 Lab File: VU050401.D
 Acq: 22 Aug 2022 15:33

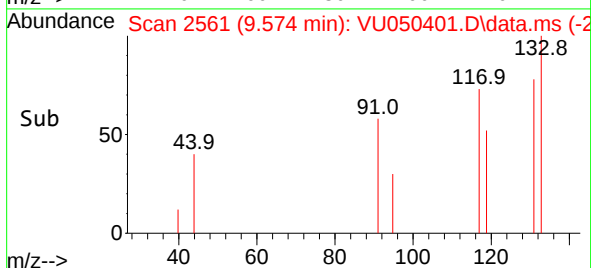
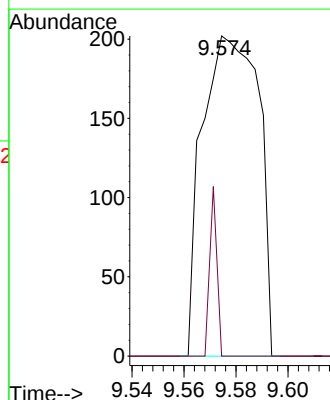
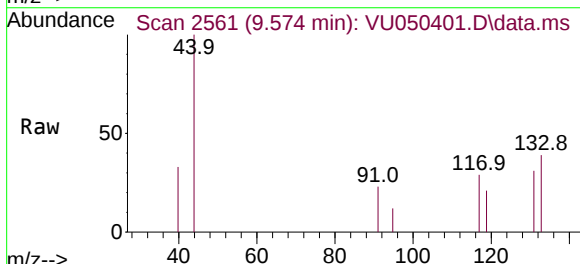
Instrument :
 MSVOA_U
 ClientSampleId :
 WS-UNREGULATED-VOCSDL

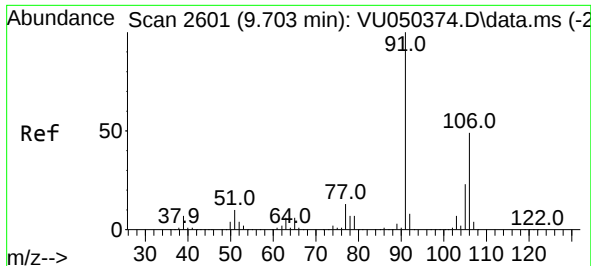
Tgt Ion:117 Resp: 4527
 Ion Ratio Lower Upper
 117 100
 167 6.1 66.2 99.4#



#63
 Ethyl Benzene
 Concen: 0.576 ug/l
 RT: 9.574 min Scan# 2561
 Delta R.T. 0.003 min
 Lab File: VU050401.D
 Acq: 22 Aug 2022 15:33

Tgt Ion: 91 Resp: 304
 Ion Ratio Lower Upper
 91 100
 106 0.0 24.4 36.6#

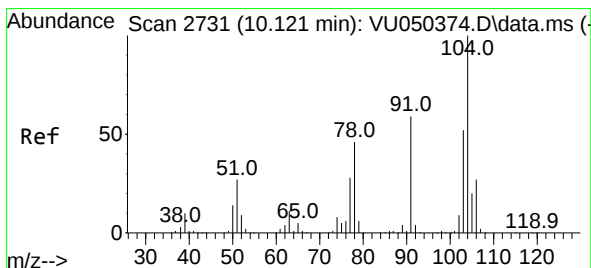
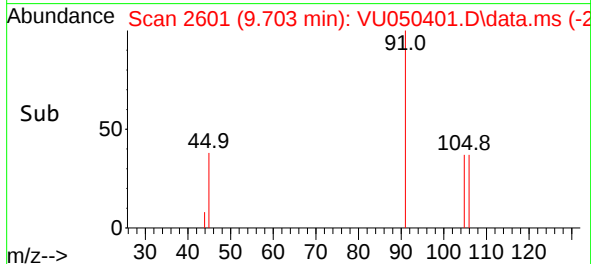
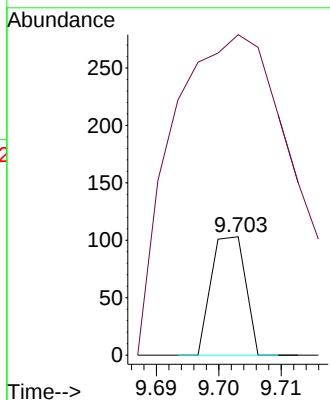
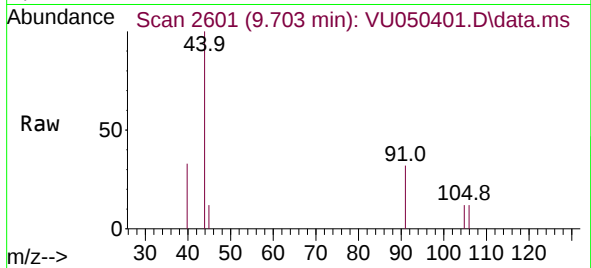




#64
m/p-Xylenes
Concen: 1.086 ug/l
RT: 9.703 min Scan# 2601
Delta R.T. 0.010 min
Lab File: VU050401.D
Acq: 22 Aug 2022 15:33

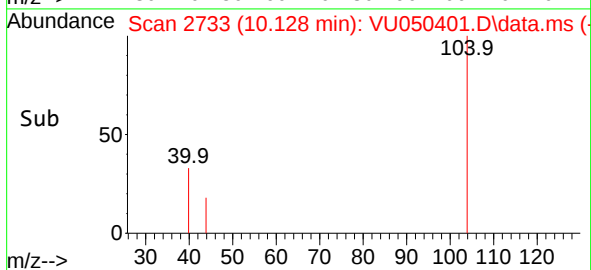
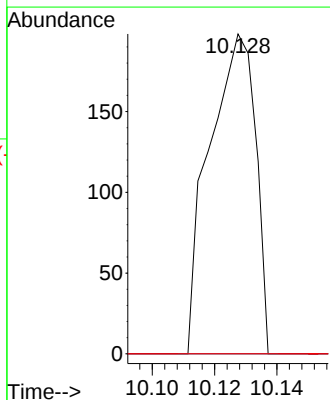
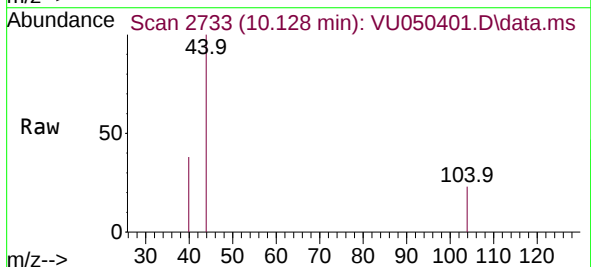
Instrument :
MSVOA_U
ClientSampleId :
WS-UNREGULATED-VOCSDL

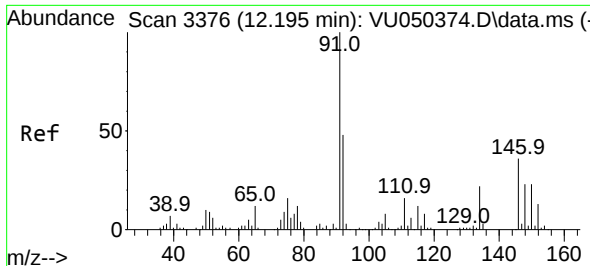
Tgt Ion:106 Resp: 39
Ion Ratio Lower Upper
106 100
91 938.5 167.8 251.6#



#66
Styrene
Concen: 0.607 ug/l
RT: 10.128 min Scan# 2733
Delta R.T. 0.013 min
Lab File: VU050401.D
Acq: 22 Aug 2022 15:33

Tgt Ion:104 Resp: 203
Ion Ratio Lower Upper
104 100
78 0.0 42.1 63.1#
103 0.0 44.5 66.7#





#68

1,2-Dichlorobenzene-d4

Concen: 1.063 ug/l

RT: 12.195 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU050401.D

Acq: 22 Aug 2022 15:33

Instrument :

MSVOA_U

ClientSampleId :

WS-UNREGULATED-VOCSDL

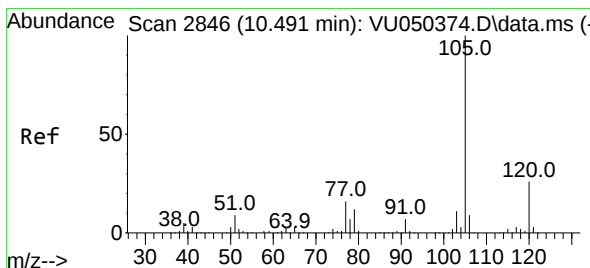
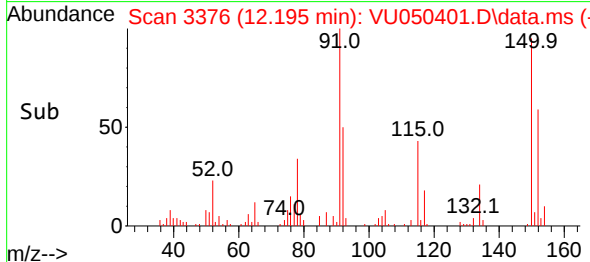
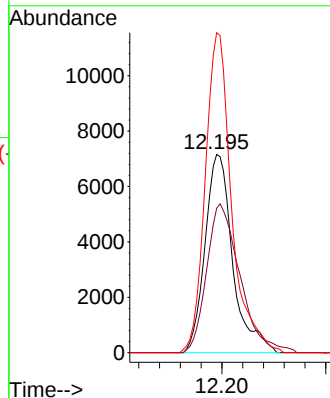
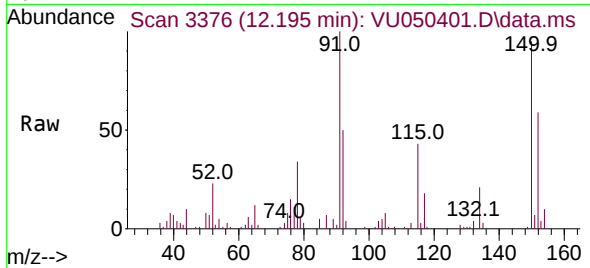
Tgt Ion:152 Resp: 13242

Ion Ratio Lower Upper

152 100

115 90.3 0.0 254.6

150 153.3 0.0 623.6



#69

Isopropylbenzene

Concen: 2.803 ug/l

RT: 10.488 min Scan# 2845

Delta R.T. 0.003 min

Lab File: VU050401.D

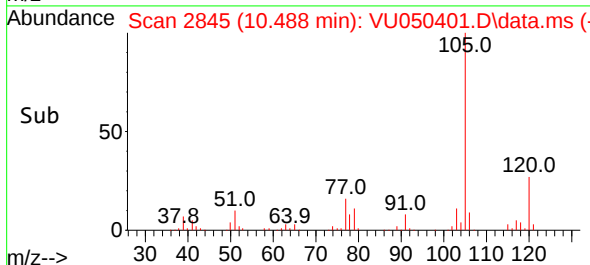
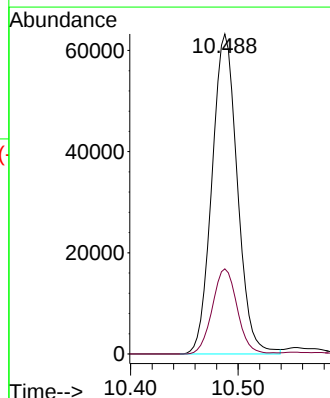
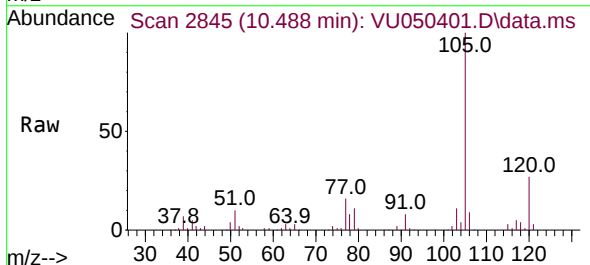
Acq: 22 Aug 2022 15:33

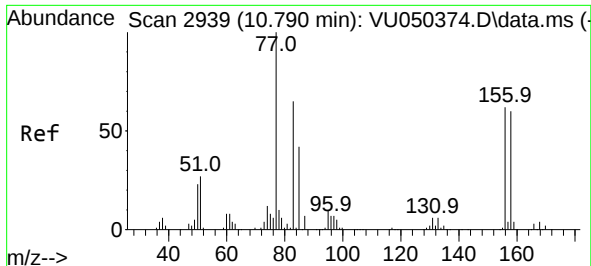
Tgt Ion:105 Resp: 103752

Ion Ratio Lower Upper

105 100

120 26.0 12.6 37.8

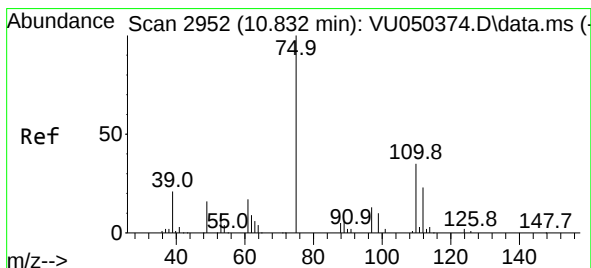
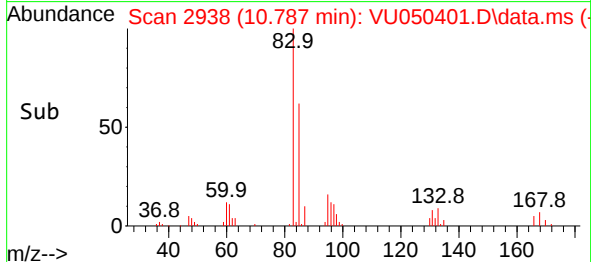
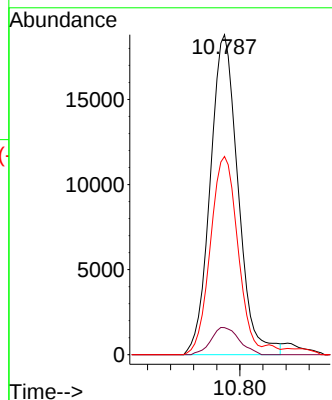
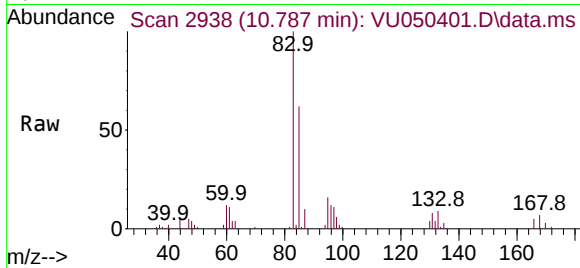




#70
1,1,2,2-Tetrachloroethane
Concen: 2.814 ug/l
RT: 10.787 min Scan# 2938
Delta R.T. 0.003 min
Lab File: VU050401.D
Acq: 22 Aug 2022 15:33

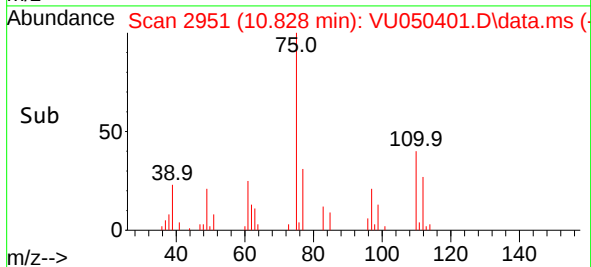
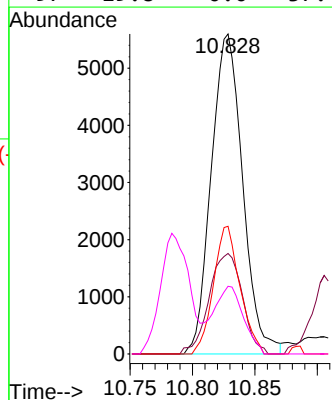
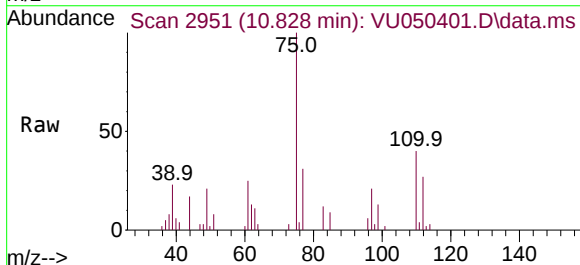
Instrument :
MSVOA_U
ClientSampleId :
WS-UNREGULATED-VOCSDL

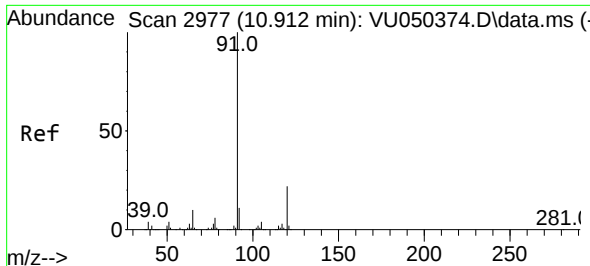
Tgt Ion: 83 Resp: 31477
Ion Ratio Lower Upper
83 100
131 8.6 7.7 11.5
85 61.0 51.2 76.8



#71
1,2,3-Trichloropropane
Concen: 1.169 ug/l
RT: 10.828 min Scan# 2951
Delta R.T. 0.003 min
Lab File: VU050401.D
Acq: 22 Aug 2022 15:33

Tgt Ion: 75 Resp: 9830
Ion Ratio Lower Upper
75 100
77 33.2 0.0 112.4
110 33.7 0.0 70.6
97 19.8 0.0 37.4

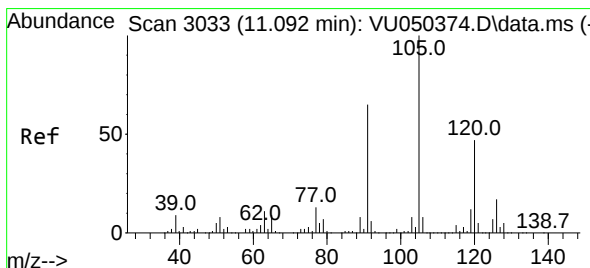
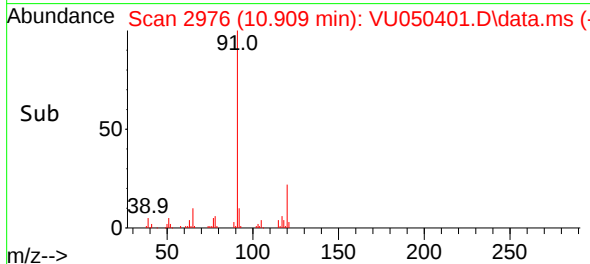
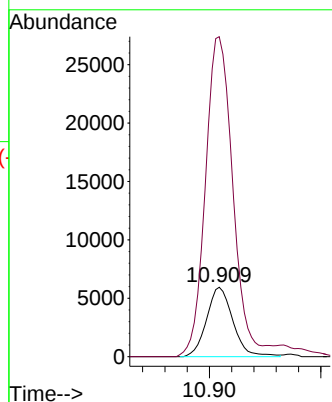
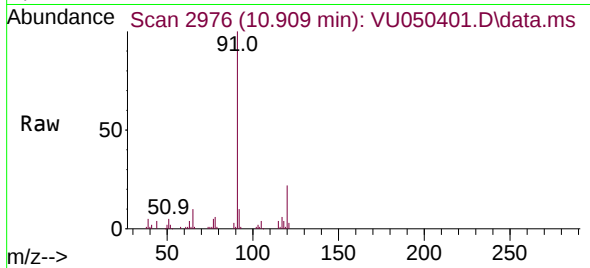




#73
n-propylbenzene
Concen: 1.343 ug/l
RT: 10.909 min Scan# 2976
Delta R.T. 0.003 min
Lab File: VU050401.D
Acq: 22 Aug 2022 15:33

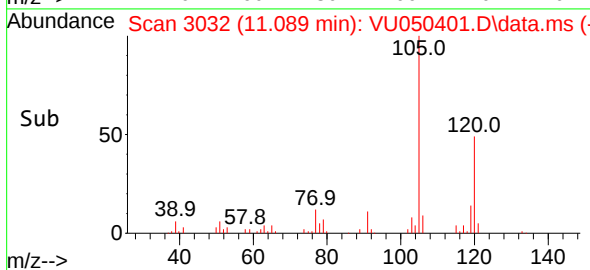
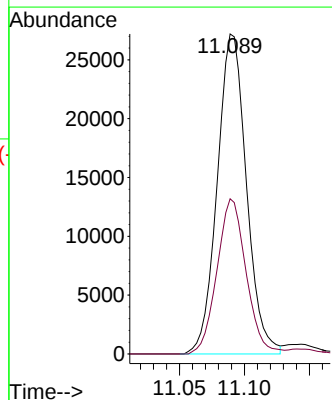
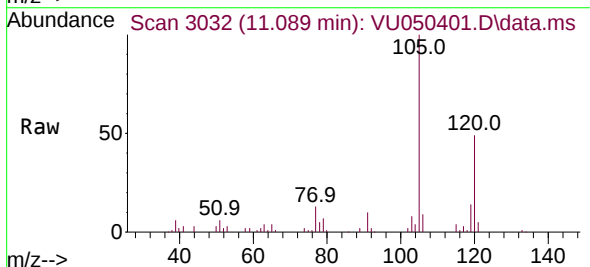
Instrument :
MSVOA_U
ClientSampleId :
WS-UNREGULATED-VOCSDL

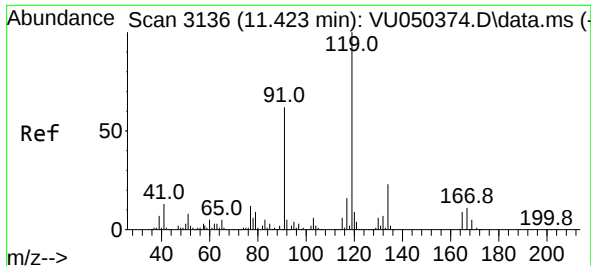
Tgt Ion:120 Resp: 9760
Ion Ratio Lower Upper
120 100
91 476.0 367.8 551.6



#75
1,3,5-Trimethylbenzene
Concen: 1.551 ug/l
RT: 11.089 min Scan# 3032
Delta R.T. 0.000 min
Lab File: VU050401.D
Acq: 22 Aug 2022 15:33

Tgt Ion:105 Resp: 42471
Ion Ratio Lower Upper
105 100
120 48.3 37.6 56.4

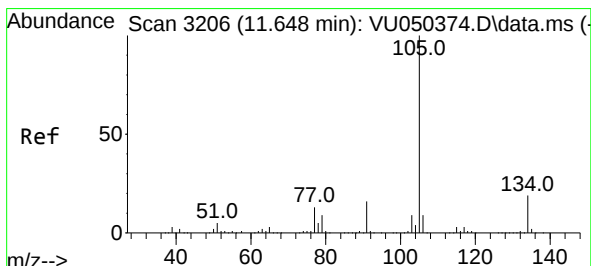
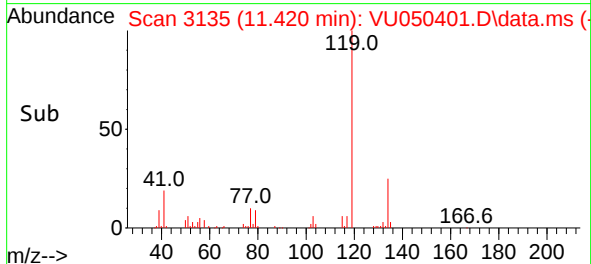
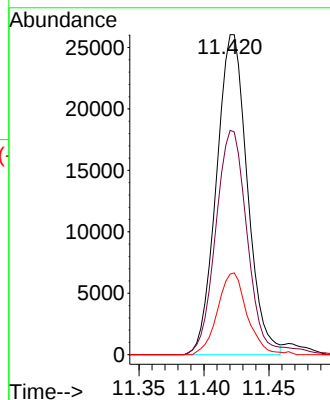
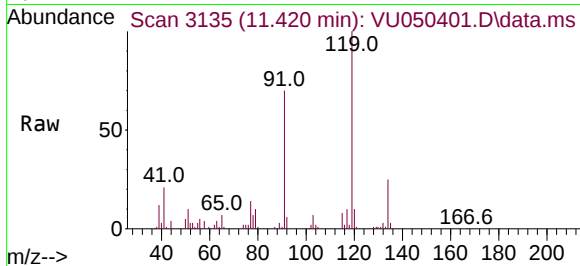




#77
tert-Butylbenzene
Concen: 1.605 ug/l
RT: 11.420 min Scan# 3136
Delta R.T. 0.000 min
Lab File: VU050401.D
Acq: 22 Aug 2022 15:33

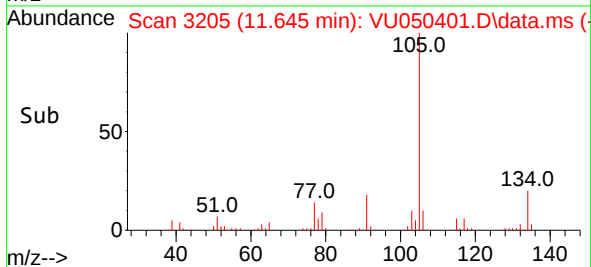
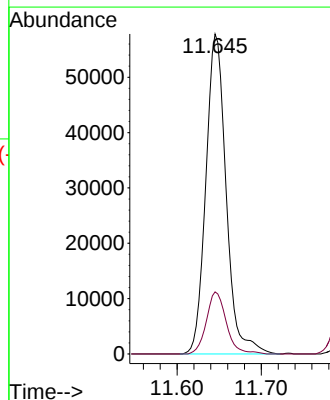
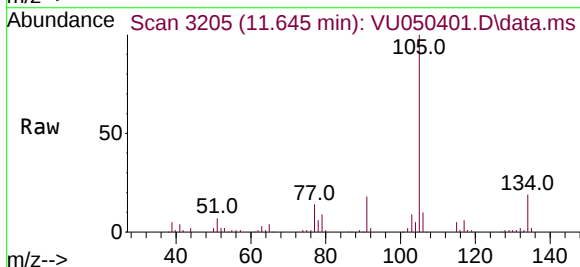
Instrument :
MSVOA_U
ClientSampleId :
WS-UNREGULATED-VOCSDL

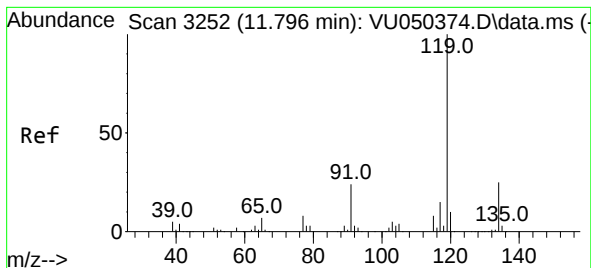
Tgt Ion:119 Resp: 43108
Ion Ratio Lower Upper
119 100
91 72.4 30.4 91.3
134 24.5 17.8 26.6



#79
sec-Butylbenzene
Concen: 2.362 ug/l
RT: 11.645 min Scan# 3205
Delta R.T. 0.000 min
Lab File: VU050401.D
Acq: 22 Aug 2022 15:33

Tgt Ion:105 Resp: 96874
Ion Ratio Lower Upper
105 100
134 19.1 15.4 23.0





#81

p-Isopropyltoluene

Concen: 1.702 ug/l

RT: 11.796 min Scan# 3252

Delta R.T. 0.003 min

Lab File: VU050401.D

Acq: 22 Aug 2022 15:33

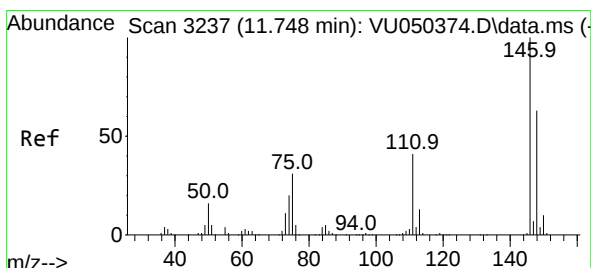
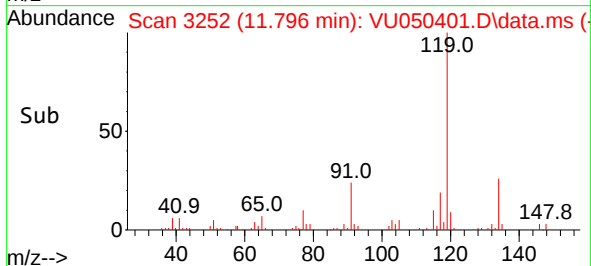
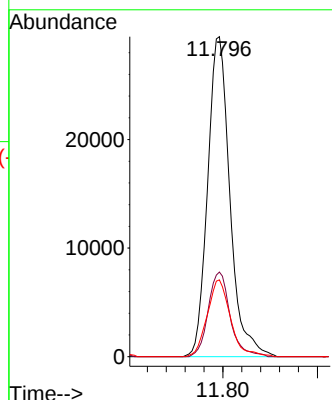
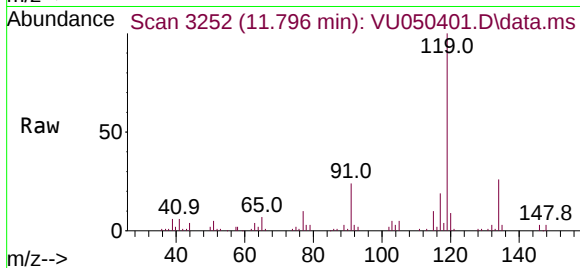
Instrument :

MSVOA_U

ClientSampleId :

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Tgt Ion:	119	Resp:	48154
Ion	Ratio	Lower	Upper
119	100		
134	26.0	20.5	30.7
91	25.0	19.8	29.6



#82

1,3-Dichlorobenzene

Concen: 1.454 ug/l

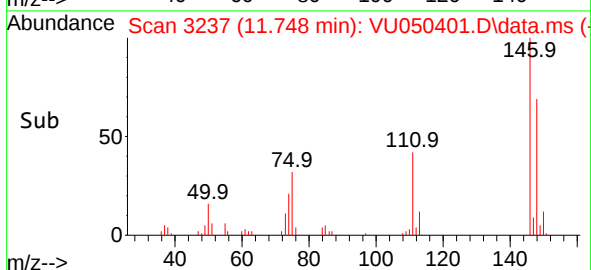
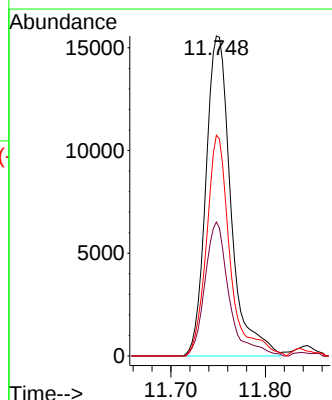
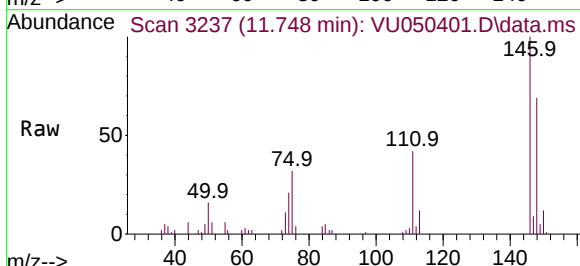
RT: 11.748 min Scan# 3237

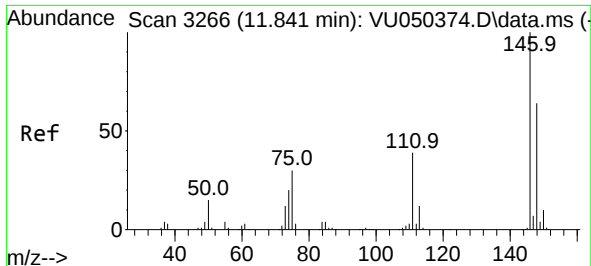
Delta R.T. 0.003 min

Lab File: VU050401.D

Acq: 22 Aug 2022 15:33

Tgt Ion:	146	Resp:	28644
Ion	Ratio	Lower	Upper
146	100		
111	40.4	33.4	50.2
148	65.0	51.2	76.8

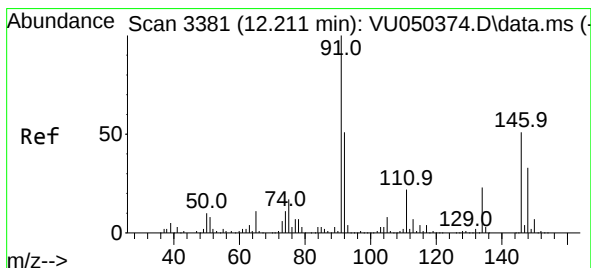
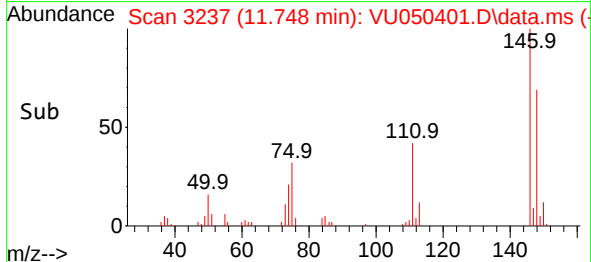
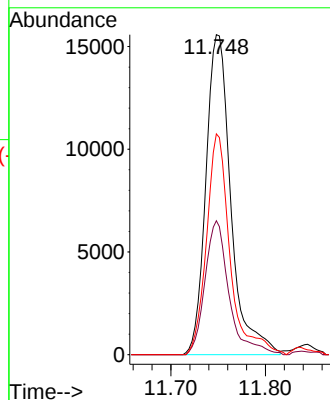
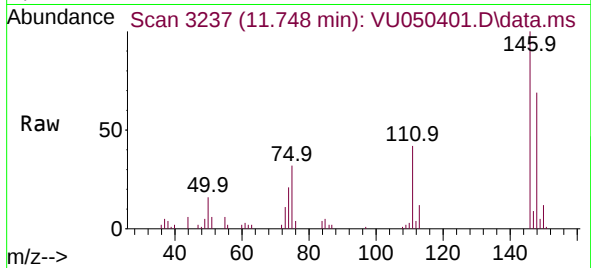




#83
1,4-Dichlorobenzene
Concen: 1.462 ug/l
RT: 11.748 min Scan# 31
Delta R.T. -0.087 min
Lab File: VU050401.D
Acq: 22 Aug 2022 15:33

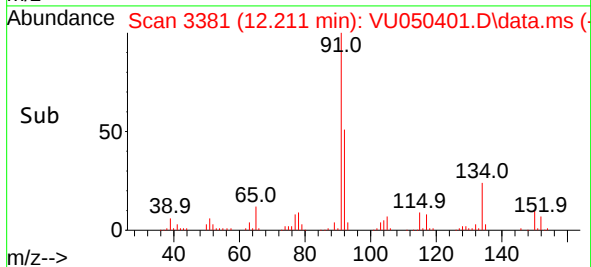
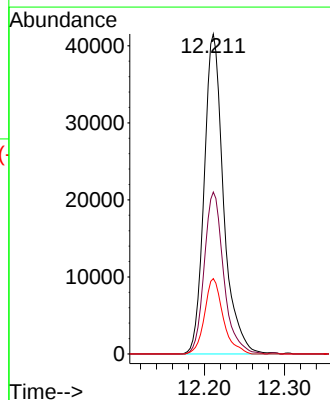
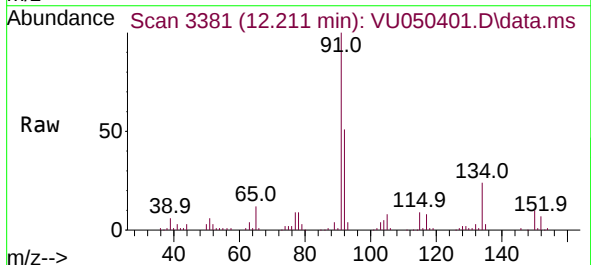
Instrument :
MSVOA_U
ClientSampleId :
WS-UNREGULATED-VOCSDL

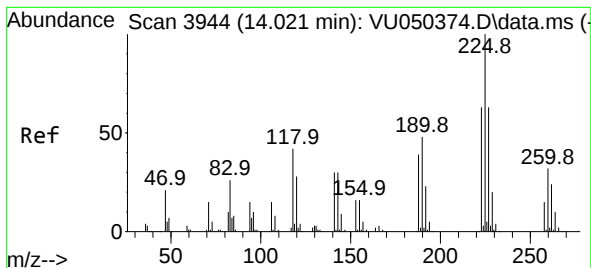
Tgt Ion:146 Resp: 28644
Ion Ratio Lower Upper
146 100
111 40.4 32.6 49.0
148 65.0 51.6 77.4



#84
n-Butylbenzene
Concen: 2.336 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. 0.000 min
Lab File: VU050401.D
Acq: 22 Aug 2022 15:33

Tgt Ion: 91 Resp: 70144
Ion Ratio Lower Upper
91 100
92 50.7 42.3 63.5
134 22.6 19.6 29.4





#88

Hexachlorobutadiene

Concen: 7.315 ug/l

RT: 14.021 min Scan# 3944

Delta R.T. 0.000 min

Lab File: VU050401.D

Acq: 22 Aug 2022 15:33

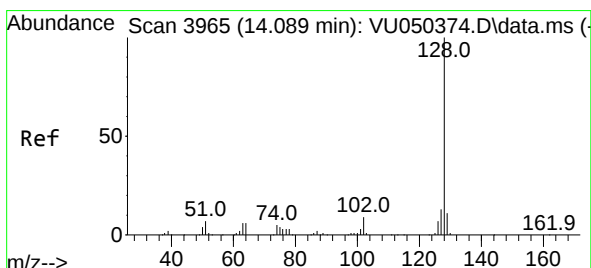
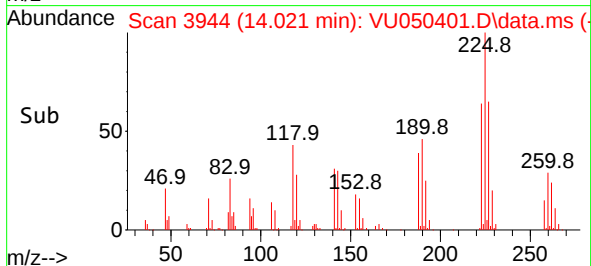
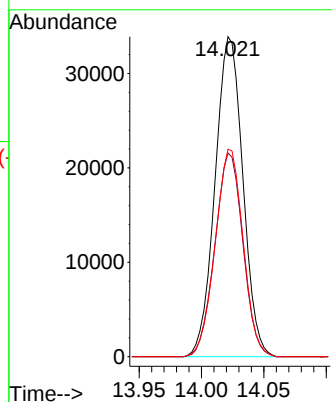
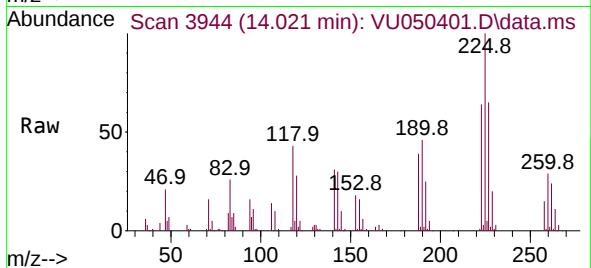
Instrument :

MSVOA_U

ClientSampleId :

WS-UNREGULATED-VOCSDL

Tgt Ion:	225	Resp:	52606
Ion Ratio	Lower	Upper	
225	100		
223	64.0	50.6	76.0
227	65.1	50.7	76.1



#89

Naphthalene

Concen: 1.257 ug/l

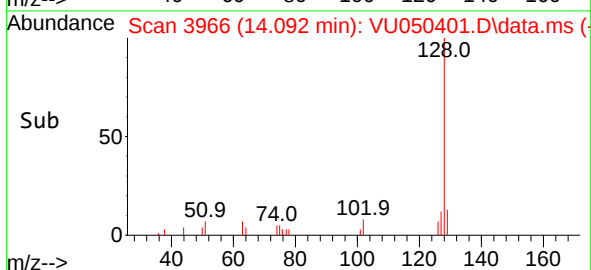
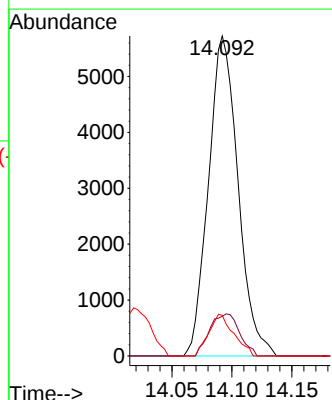
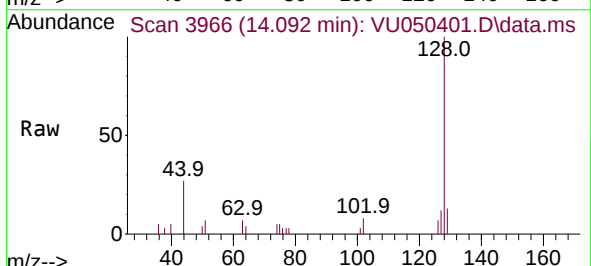
RT: 14.092 min Scan# 3966

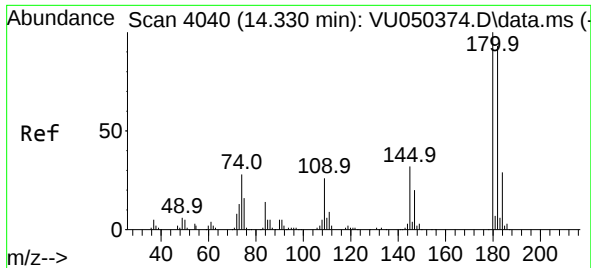
Delta R.T. 0.003 min

Lab File: VU050401.D

Acq: 22 Aug 2022 15:33

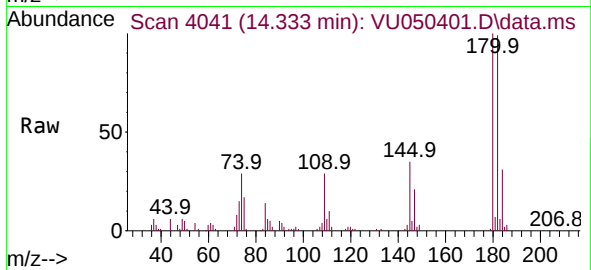
Tgt Ion:	128	Resp:	9814
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.1	15.1
129	11.0	8.6	12.8





#90
 1,2,3-Trichlorobenzene
 Concen: 3.351 ug/l
 RT: 14.333 min Scan# 4041
 Delta R.T. 0.003 min
 Lab File: VU050401.D
 Acq: 22 Aug 2022 15:33

Instrument :
 MSVOA_U
 ClientSampleId :
 WS-UNREGULATED-VOCSDL



Tgt Ion:	180	Resp:	42929
Ion Ratio	Lower	Upper	
180	100		
182	97.9	76.6	114.8
145	32.6	27.3	40.9

