

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101321\
 Data File : VU045311.D
 Acq On : 13 Oct 2021 16:41
 Operator : SY/MD
 Sample : M4068-07 0.25PPB
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 14 05:53:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U101321DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Oct 14 05:46:27 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.121	96	40877	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.639	95	13463	0.897	ug/l	0.00
Spiked Amount 1.000			Recovery	=	90.000%	
68) 1,2-Dichlorobenzene-d4	12.198	152	12912	0.919	ug/l	0.00
Spiked Amount 1.000			Recovery	=	92.000%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.520	50	3855	0.237	ug/l	96
4) Vinyl Chloride	1.604	62	3687	0.218	ug/l	91
5) Bromomethane	1.858	94	2407	0.260	ug/l	82
6) Chloroethane	1.935	64	2333	0.213	ug/l	97
7) Trichlorofluoromethane	2.141	101	4198	0.213	ug/l	94
9) 1,1-Dichloroethene	2.581	96	2241	0.211	ug/l	97
12) Acrylonitrile	3.334	53	722	0.266	ug/l	93
13) Acetone	2.642	43	2657	0.822	ug/l	91
14) Carbon Disulfide	2.797	76	7166	0.221	ug/l	# 93
15) Methylene Chloride	3.051	84	8575	0.666	ug/l	93
17) 1,1-Dichloroethane	3.874	63	4835	0.226	ug/l	# 93
18) 2-Butanone	4.729	43	3765	0.916	ug/l	77
21) 2,2-Dichloropropane	4.671	77	3722	0.204	ug/l	95
23) Diethyl Ether	2.382	59	2014	0.200	ug/l	# 88
24) tert-Butyl Alcohol	3.199	59	1203	1.525	ug/l	# 77
27) Chloroform	5.096	83	5504	0.251	ug/l	100
28) 1,1,1-Trichloroethane	5.317	97	3781	0.210	ug/l	94
31) Isopropyl Ether	4.002	45	6937	0.205	ug/l	# 60
32) Ethyl-t-butyl ether	4.510	59	6984	0.204	ug/l	98
34) Propionitrile	4.813	54	328	0.321	ug/l	# 51
35) Benzene	5.780	78	10094	0.213	ug/l	99
36) 1,2-Dichloroethane	5.800	62	3359	0.222	ug/l	# 82
37) Trichloroethene	6.546	130	2569	0.222	ug/l	85
38) 1,2-Dichloropropane	6.797	63	2485	0.202	ug/l	94
41) Tetrahydrofuran	5.073	42	643	0.278	ug/l	# 68
43) Dibromomethane	6.925	93	1263	0.207	ug/l	94
44) Bromodichloromethane	7.108	83	3148	0.206	ug/l	96
45) 4-Methyl-2-Pentanone	7.803	43	8477	1.015	ug/l	94
46) t-1,4-Dichloro-2-butene	10.829	75	2585	0.879	ug/l	# 48
47) Methyl methacrylate	6.970	69	2296	0.370	ug/l	97
52) 1,1,2-Trichloroethane	8.411	97	1778	0.202	ug/l	95
54) 2-Hexanone	8.697	43	6734	1.044	ug/l	95
58) Tetrachloroethene	8.558	164	2111	0.203	ug/l	91
59) Chlorobenzene	9.456	112	6178	0.204	ug/l	96
61) Pentachloroethane	11.433	117	1493	0.204	ug/l	95
64) m/p-Xylenes	9.700	106	7604	0.368	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.787	83	2532	0.223	ug/l	# 90
71) 1,2,3-Trichloropropane	10.829	75	2585	0.277	ug/l	64
72) Bromobenzene	10.787	156	2427	0.207	ug/l	96
80) Nitrobenzene	13.221	77	293	0.908	ug/l	# 42
85) 1,2-Dichlorobenzene	12.217	146	4621	0.208	ug/l	97
87) 1,2,4-Trichlorobenzene	13.844	180	2858	0.209	ug/l	96
89) Naphthalene	14.092	128	5792	0.215	ug/l	# 94

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ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Oct 14 05:53:41 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U101321DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Oct 14 05:46:27 2021
Response via : Initial Calibration

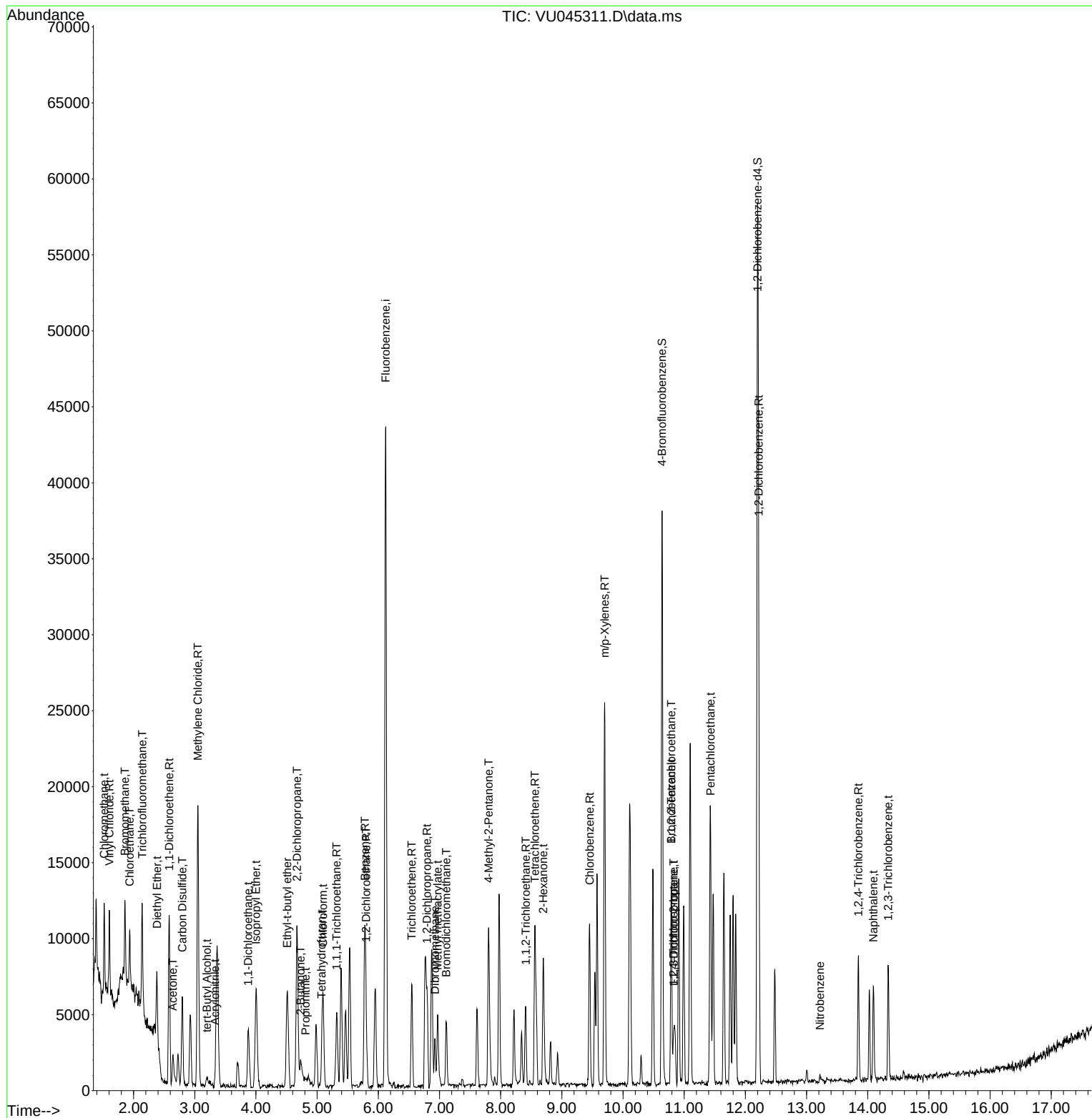
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) 1,2,3-Trichlorobenzene	14.333	180	2597	0.204	ug/l	96

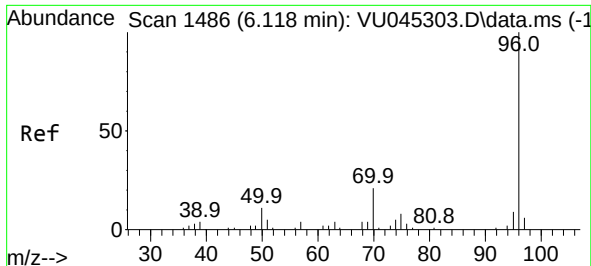
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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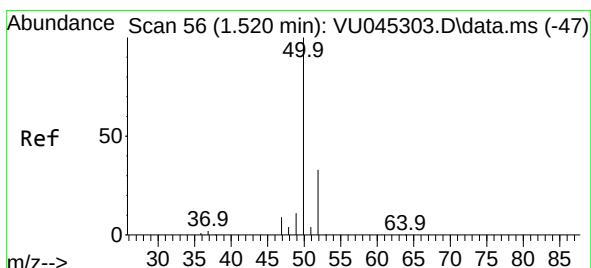
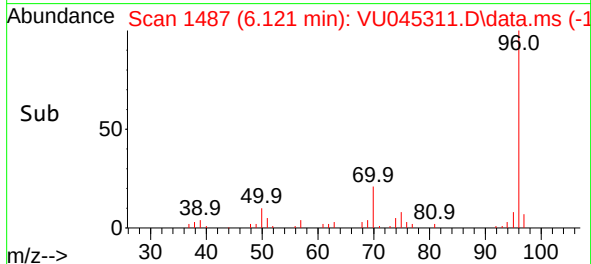
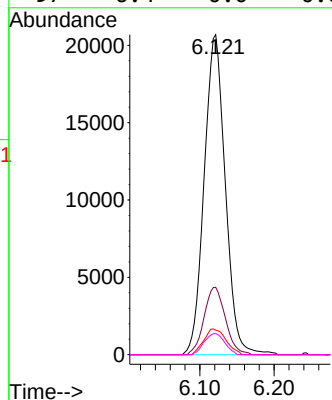
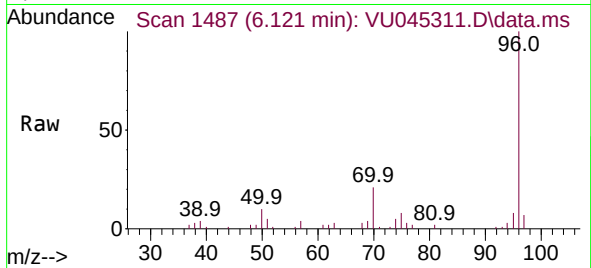




#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.121 min Scan# 1487
Delta R.T. 0.003 min
Lab File: VU045311.D
Acq: 13 Oct 2021 16:41

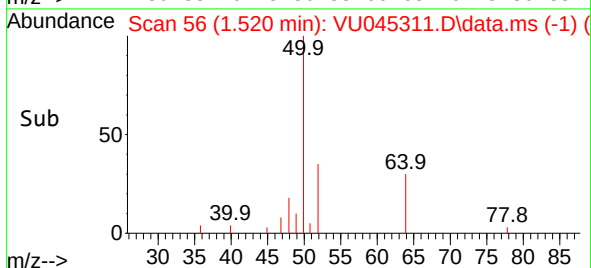
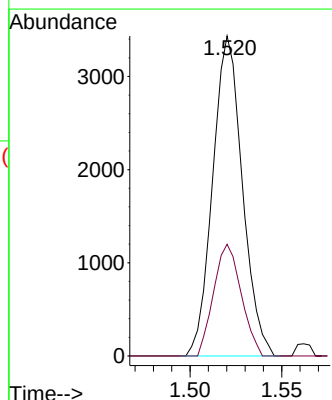
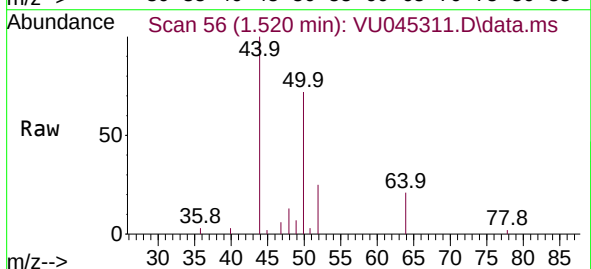
Instrument :
MSVOA_U
ClientSampleId :

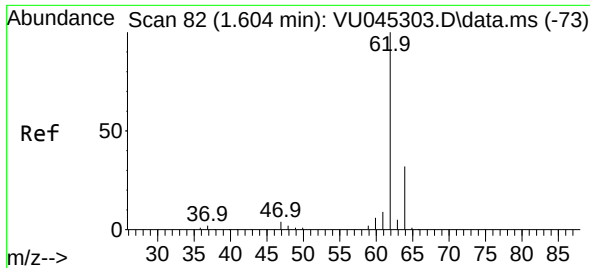
Tgt Ion: 96	Resp: 40877
Ion Ratio	Lower Upper
96 100	
70 21.2	16.8 25.2
95 8.4	7.3 10.9
97 6.4	0.0 0.0



#3
Chloromethane
Concen: 0.237 ug/l
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU045311.D
Acq: 13 Oct 2021 16:41

Tgt Ion: 50	Resp: 3855
Ion Ratio	Lower Upper
50 100	
52 34.9	26.2 39.4

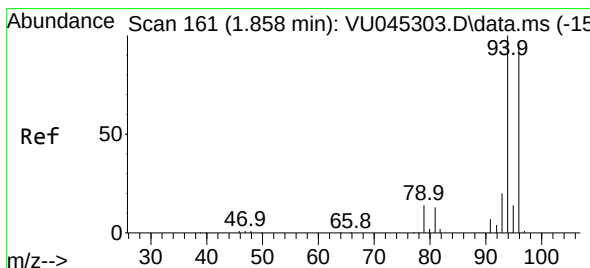
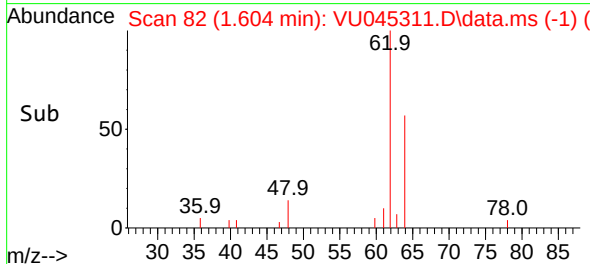
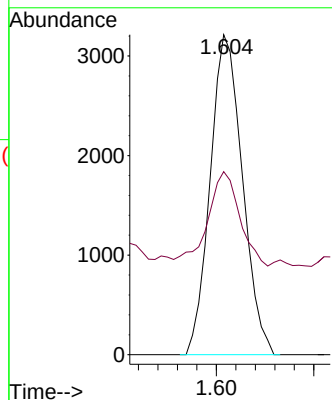
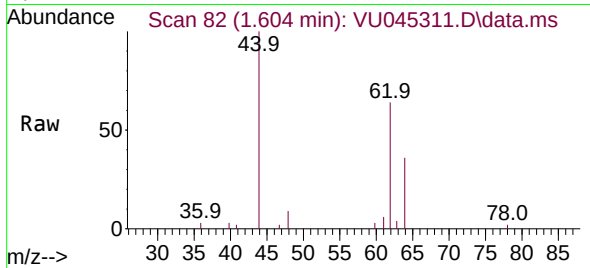




#4
 Vinyl Chloride
 Concen: 0.218 ug/l
 RT: 1.604 min Scan# 82
 Delta R.T. 0.000 min
 Lab File: VU045311.D
 Acq: 13 Oct 2021 16:41

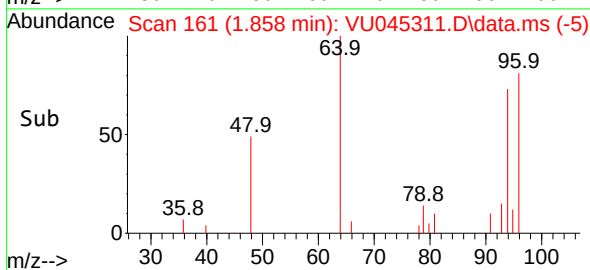
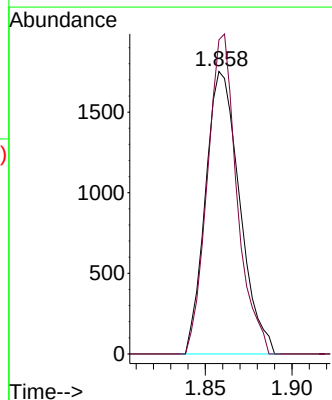
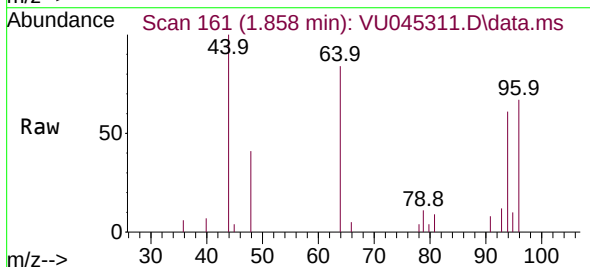
Instrument :
 MSVOA_U
 ClientSampleId :

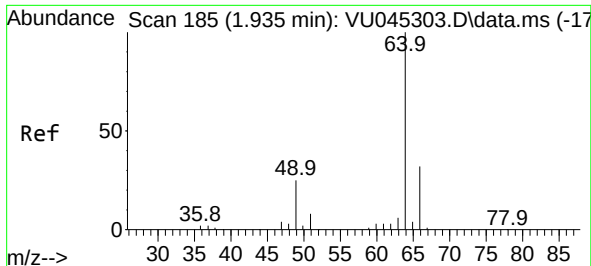
Tgt Ion: 62 Resp: 3687
 Ion Ratio Lower Upper
 62 100
 64 27.6 26.0 39.0



#5
 Bromomethane
 Concen: 0.260 ug/l
 RT: 1.858 min Scan# 161
 Delta R.T. 0.000 min
 Lab File: VU045311.D
 Acq: 13 Oct 2021 16:41

Tgt Ion: 94 Resp: 2407
 Ion Ratio Lower Upper
 94 100
 96 111.1 75.0 112.4

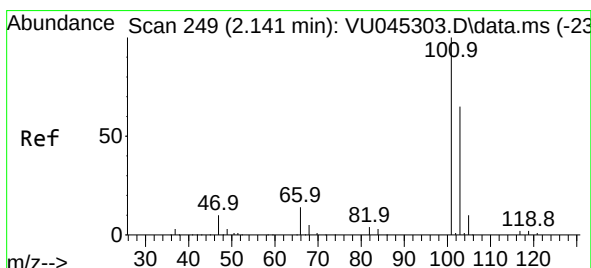
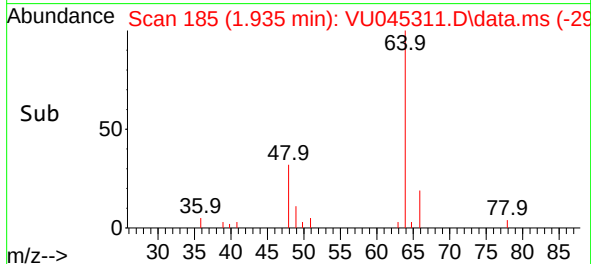
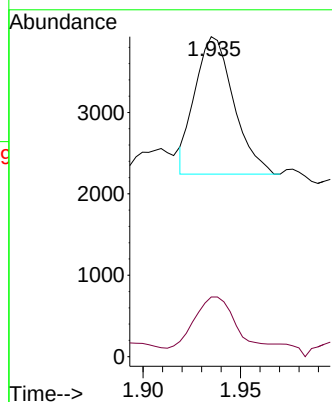
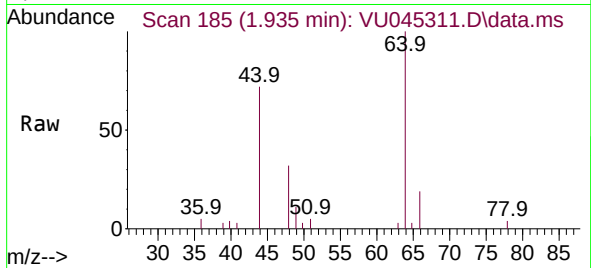




#6
Chloroethane
Concen: 0.213 ug/l
RT: 1.935 min Scan# 185
Delta R.T. 0.000 min
Lab File: VU045311.D
Acq: 13 Oct 2021 16:41

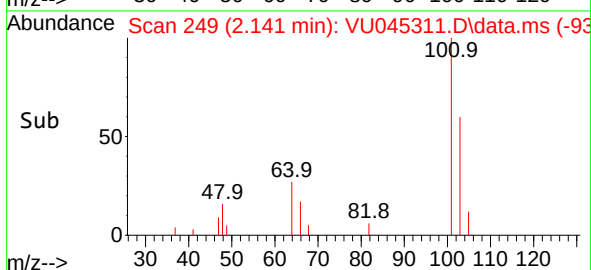
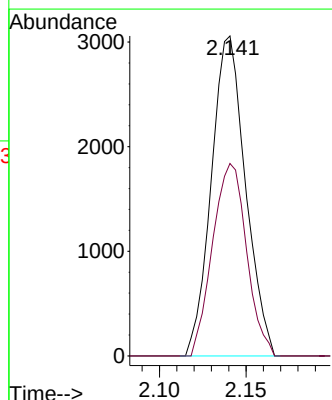
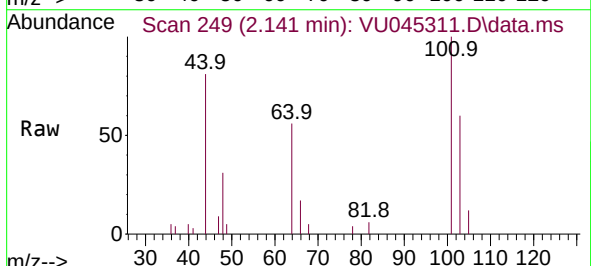
Instrument :
MSVOA_U
ClientSampleId :

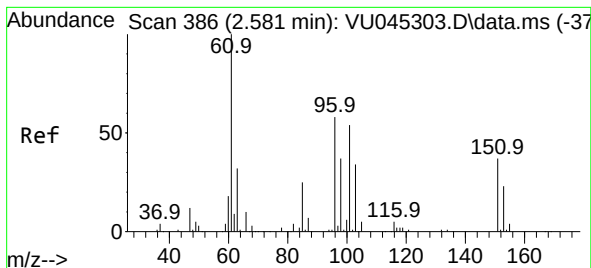
Tgt Ion: 64 Resp: 2333
Ion Ratio Lower Upper
64 100
66 34.2 25.8 38.8



#7
Trichlorofluoromethane
Concen: 0.213 ug/l
RT: 2.141 min Scan# 249
Delta R.T. 0.000 min
Lab File: VU045311.D
Acq: 13 Oct 2021 16:41

Tgt Ion:101 Resp: 4198
Ion Ratio Lower Upper
101 100
103 60.2 52.2 78.2





#9

1,1-Dichloroethene

Concen: 0.211 ug/l

RT: 2.581 min Scan# 386

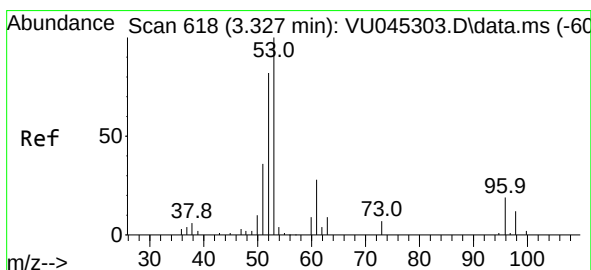
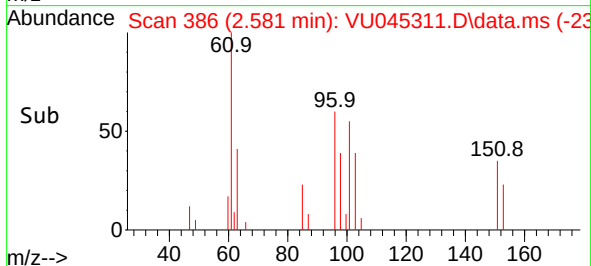
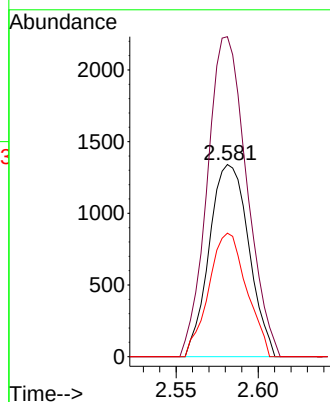
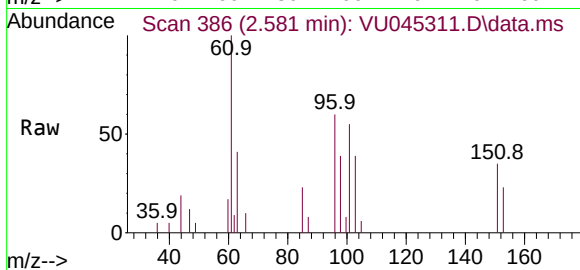
Delta R.T. 0.000 min

Lab File: VU045311.D

Acq: 13 Oct 2021 16:41

Tgt Ion: 96 Resp: 2241

Ion	Ratio	Lower	Upper
96	100		
61	166.6	0.0	514.2
98	64.3	0.0	126.4



#12

Acrylonitrile

Concen: 0.266 ug/l

RT: 3.334 min Scan# 620

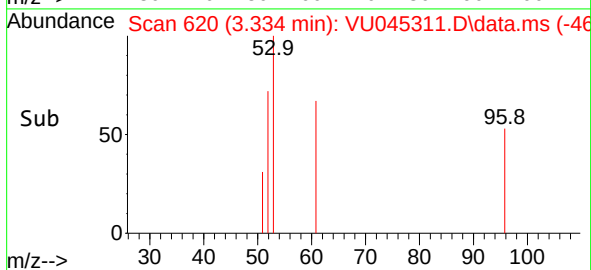
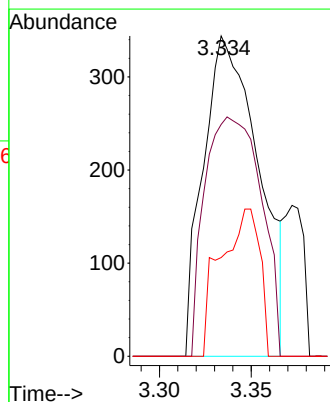
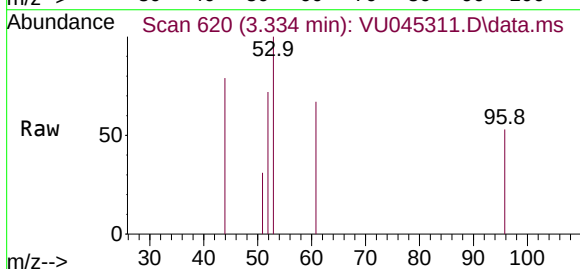
Delta R.T. 0.007 min

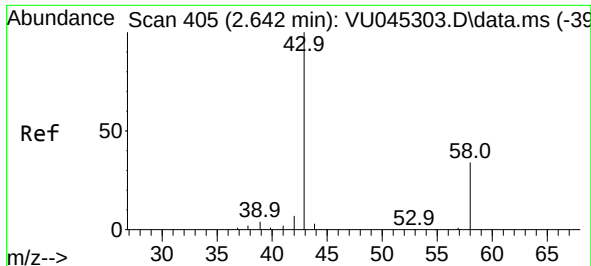
Lab File: VU045311.D

Acq: 13 Oct 2021 16:41

Tgt Ion: 53 Resp: 722

Ion	Ratio	Lower	Upper
53	100		
52	76.0	56.7	85.1
51	32.5	30.3	45.5

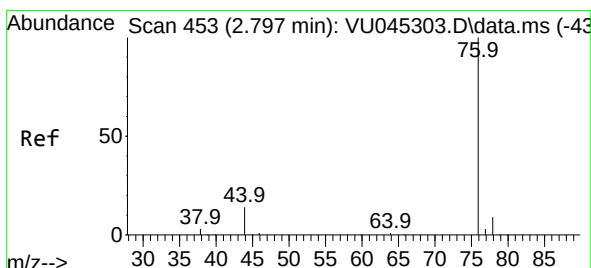
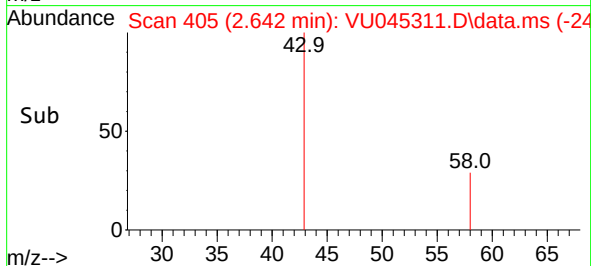
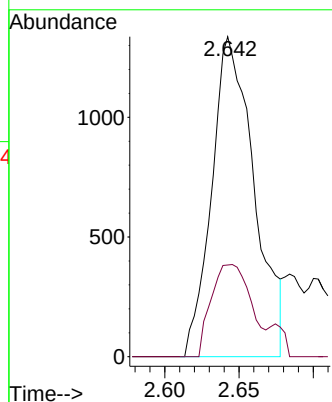
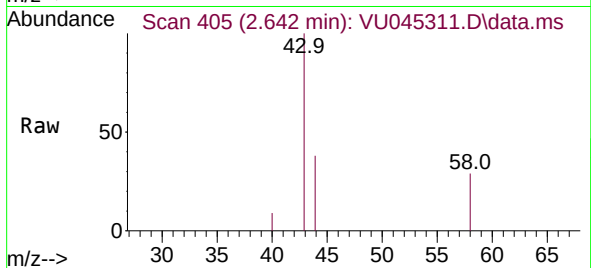




#13
Acetone
Concen: 0.822 ug/l
RT: 2.642 min Scan# 405
Delta R.T. 0.000 min
Lab File: VU045311.D
Acq: 13 Oct 2021 16:41

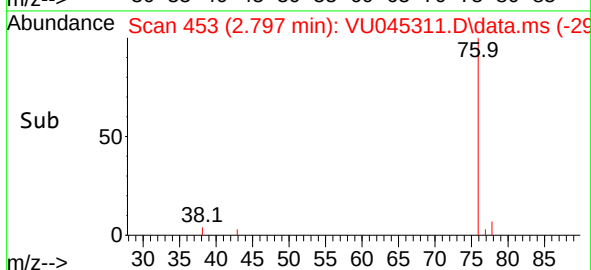
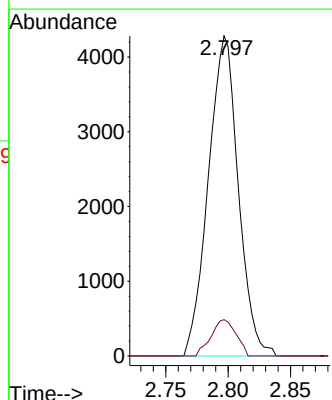
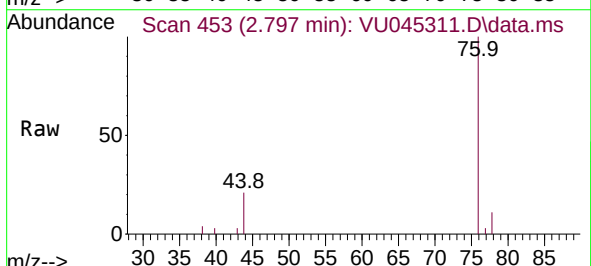
Instrument :
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ClientSampleId :

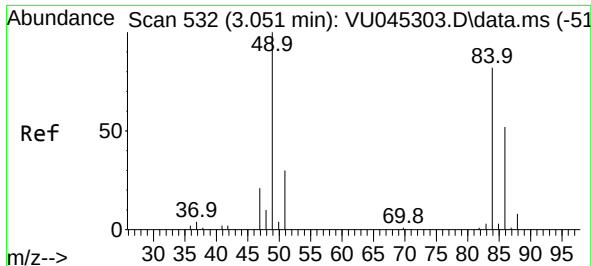
Tgt Ion: 43 Resp: 2657
Ion Ratio Lower Upper
43 100
58 28.6 27.1 40.7



#14
Carbon Disulfide
Concen: 0.221 ug/l
RT: 2.797 min Scan# 453
Delta R.T. 0.000 min
Lab File: VU045311.D
Acq: 13 Oct 2021 16:41

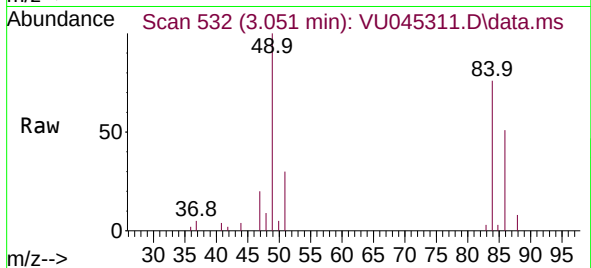
Tgt Ion: 76 Resp: 7166
Ion Ratio Lower Upper
76 100
78 11.4 7.1 10.7#





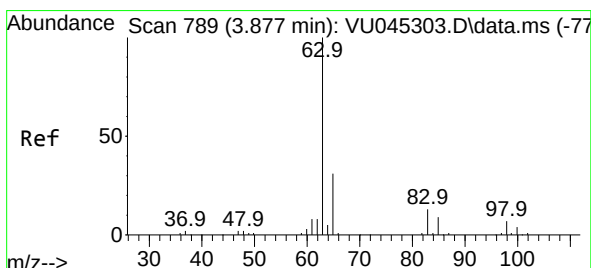
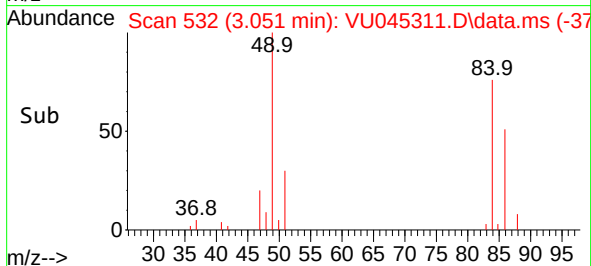
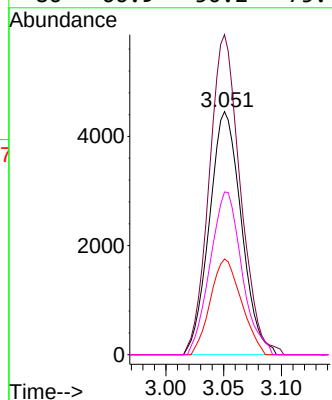
#15
Methylene Chloride
Concen: 0.666 ug/l
RT: 3.051 min Scan# 532
Delta R.T. 0.000 min
Lab File: VU045311.D
Acq: 13 Oct 2021 16:41

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 84 Resp: 8575

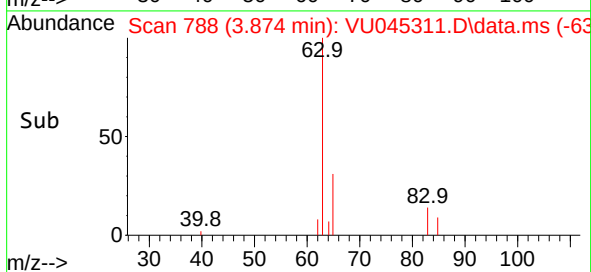
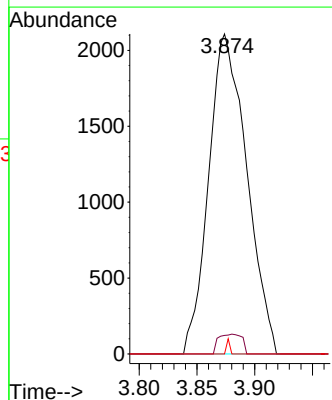
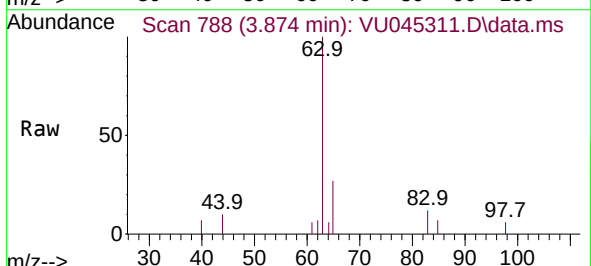
Ion	Ratio	Lower	Upper
84	100		
49	131.6	97.2	145.8
51	39.4	0.0	73.4
86	66.9	50.2	75.4

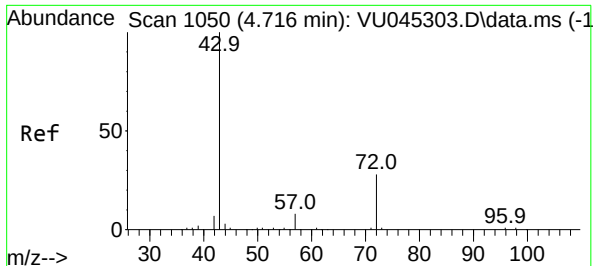


#17
1,1-Dichloroethane
Concen: 0.226 ug/l
RT: 3.874 min Scan# 788
Delta R.T. -0.003 min
Lab File: VU045311.D
Acq: 13 Oct 2021 16:41

Tgt Ion: 63 Resp: 4835

Ion	Ratio	Lower	Upper
63	100		
98	5.8	3.6	10.8
100	0.0	2.1	6.5

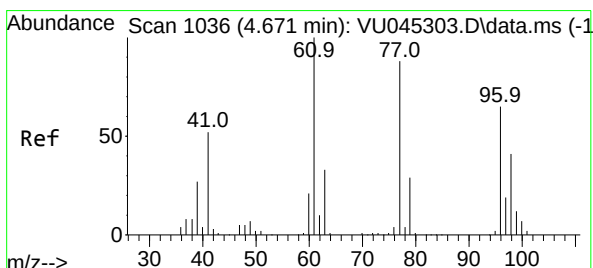
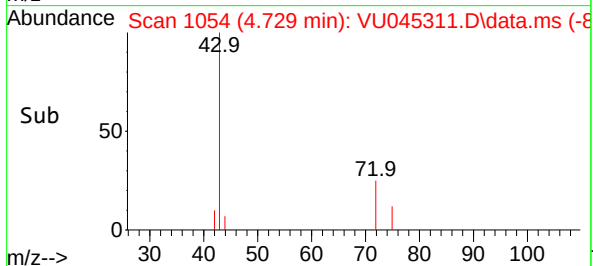
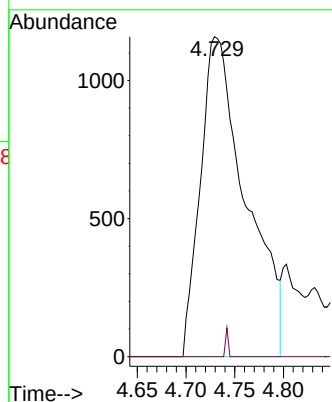
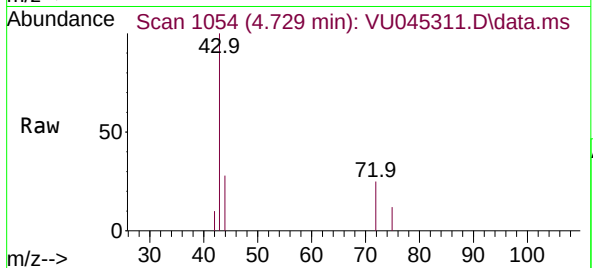




#18
2-Butanone
Concen: 0.916 ug/l
RT: 4.729 min Scan# 1054
Delta R.T. 0.013 min
Lab File: VU045311.D
Acq: 13 Oct 2021 16:41

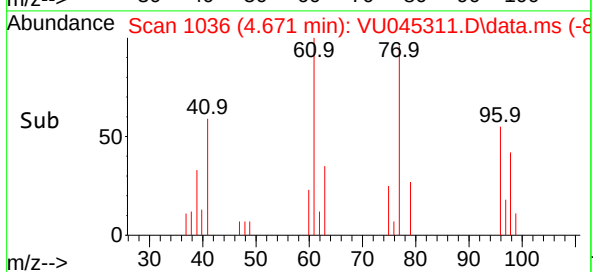
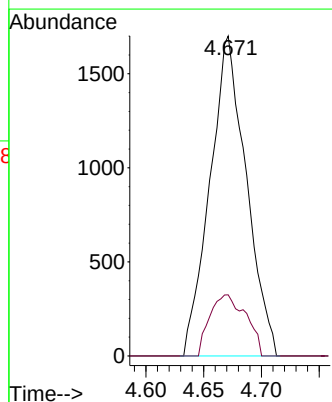
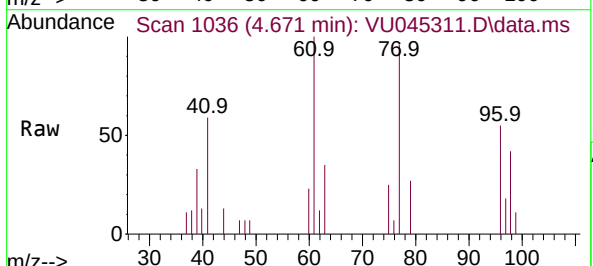
Instrument :
MSVOA_U
ClientSampled :

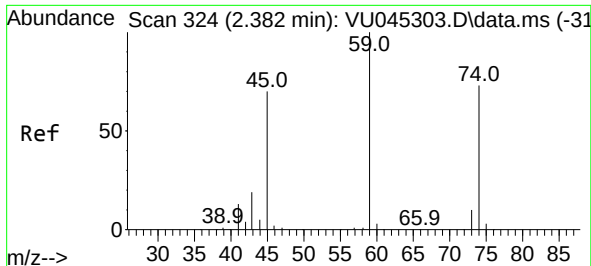
Tgt Ion: 43 Resp: 3765
Ion Ratio Lower Upper
43 100
57 0.0 0.0 16.6



#21
2,2-Dichloropropane
Concen: 0.204 ug/l
RT: 4.671 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VU045311.D
Acq: 13 Oct 2021 16:41

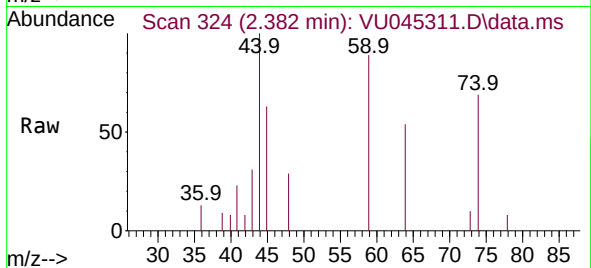
Tgt Ion: 77 Resp: 3722
Ion Ratio Lower Upper
77 100
97 19.0 17.2 25.8



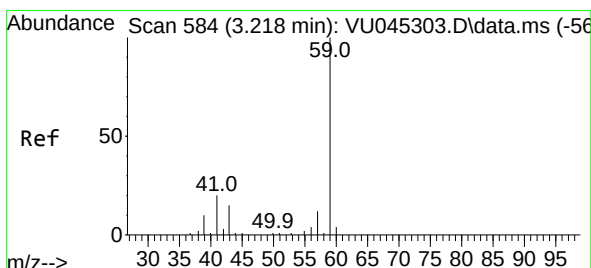
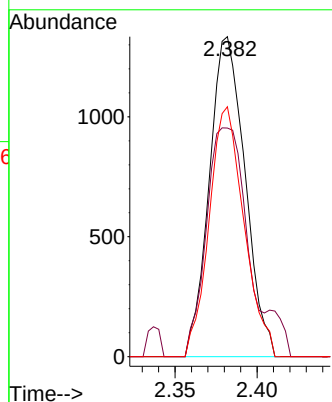
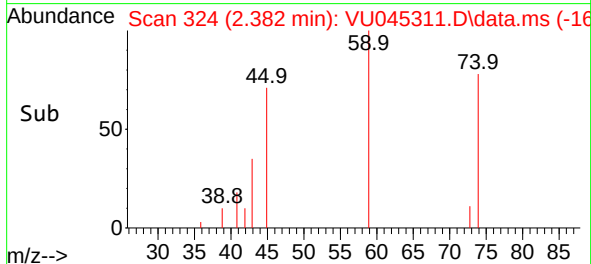


#23
Diethyl Ether
Concen: 0.200 ug/l
RT: 2.382 min Scan# 324
Delta R.T. -0.000 min
Lab File: VU045311.D
Acq: 13 Oct 2021 16:41

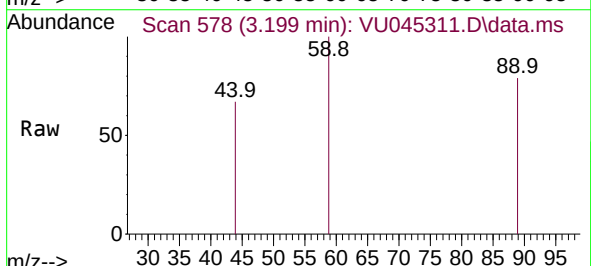
Instrument :
MSVOA_U
ClientSampleId :



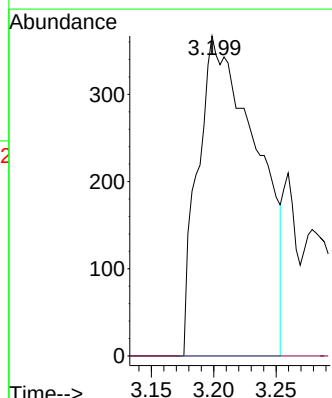
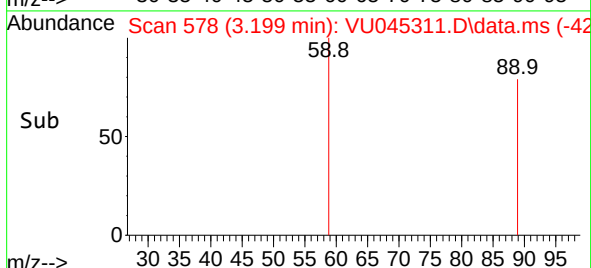
Tgt Ion: 59 Resp: 2014
Ion Ratio Lower Upper
59 100
45 85.8 55.6 83.4#
74 76.4 58.1 87.1

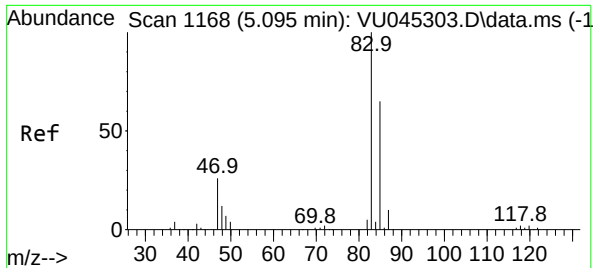


#24
tert-Butyl Alcohol
Concen: 1.525 ug/l
RT: 3.199 min Scan# 578
Delta R.T. -0.019 min
Lab File: VU045311.D
Acq: 13 Oct 2021 16:41



Tgt Ion: 59 Resp: 1203
Ion Ratio Lower Upper
59 100
57 0.0 6.5 9.7#



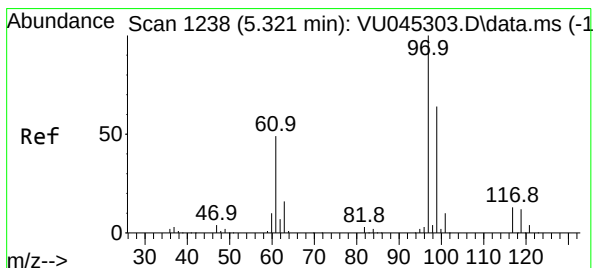
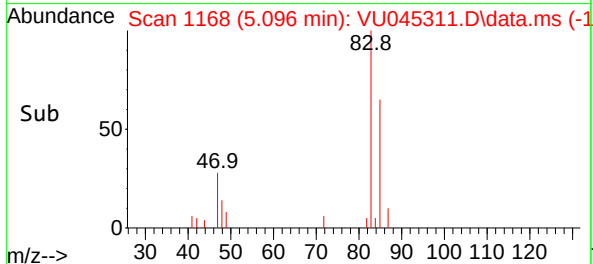
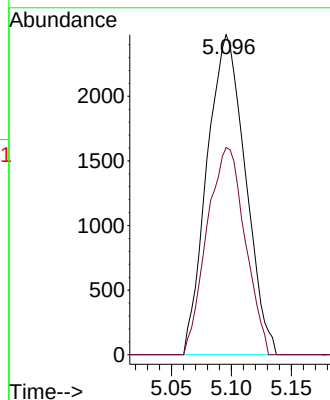
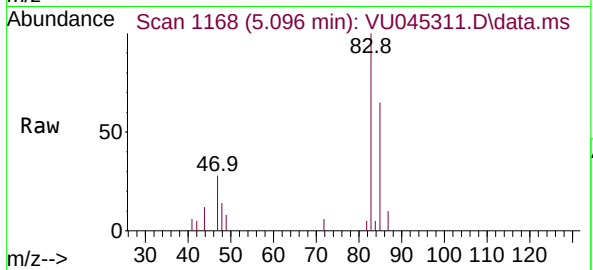


#27

Chloroform
Concen: 0.251 ug/l
RT: 5.096 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VU045311.D
Acq: 13 Oct 2021 16:41

Instrument :
MSVOA_U
ClientSampleId :

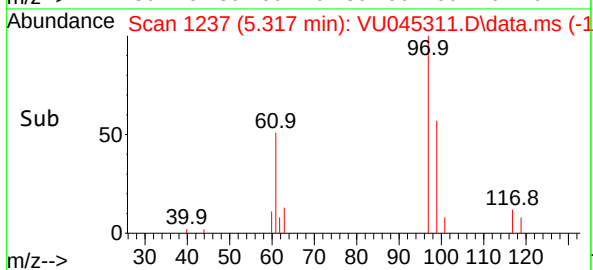
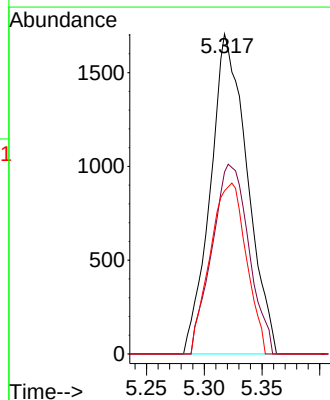
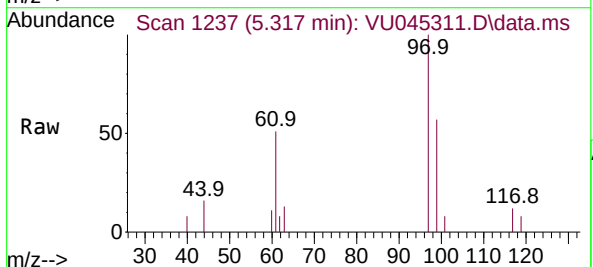
Tgt Ion: 83 Resp: 5504
Ion Ratio Lower Upper
83 100
85 64.8 0.0 129.2

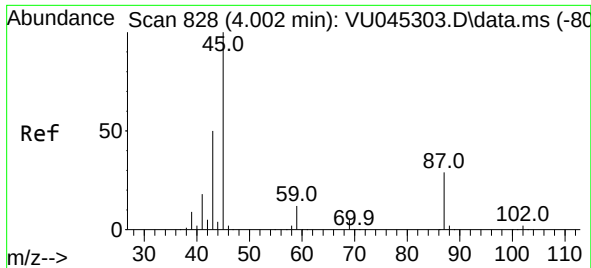


#28

1,1,1-Trichloroethane
Concen: 0.210 ug/l
RT: 5.317 min Scan# 1237
Delta R.T. -0.003 min
Lab File: VU045311.D
Acq: 13 Oct 2021 16:41

Tgt Ion: 97 Resp: 3781
Ion Ratio Lower Upper
97 100
99 59.6 32.2 96.6
61 52.3 24.5 73.5

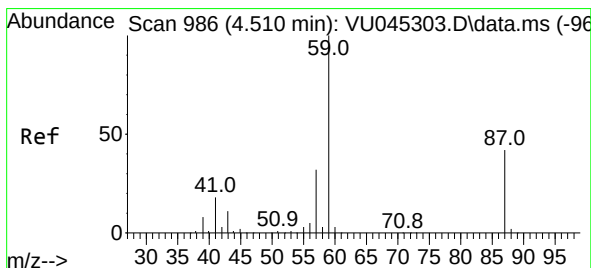
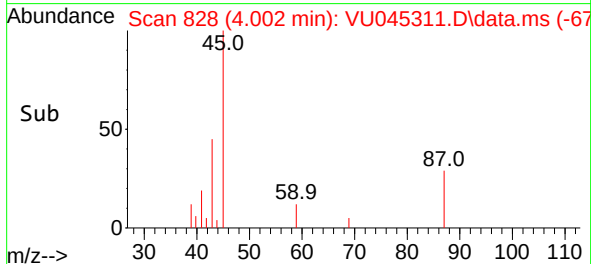
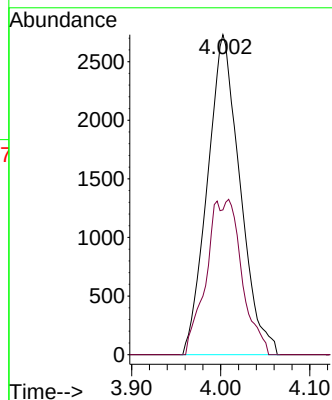
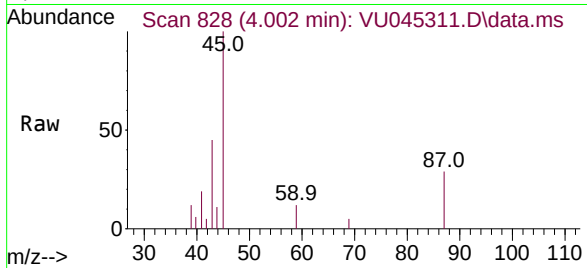




#31
Isopropyl Ether
Concen: 0.205 ug/l
RT: 4.002 min Scan# 828
Delta R.T. 0.000 min
Lab File: VU045311.D
Acq: 13 Oct 2021 16:41

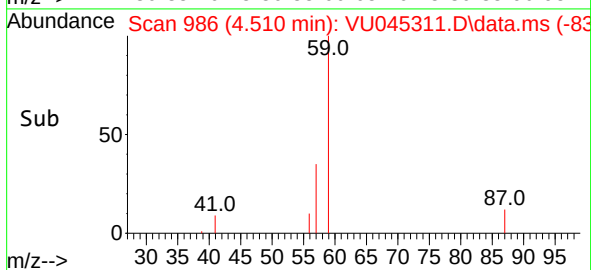
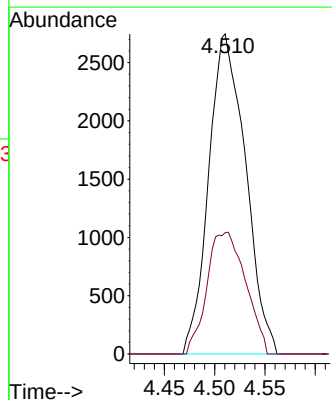
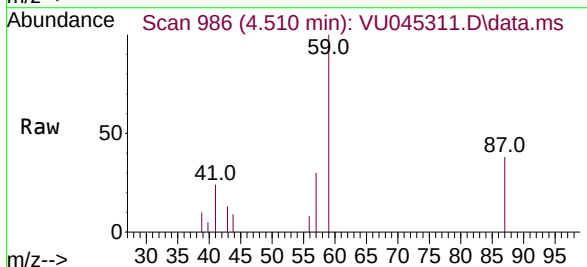
Instrument :
MSVOA_U
ClientSampleId :

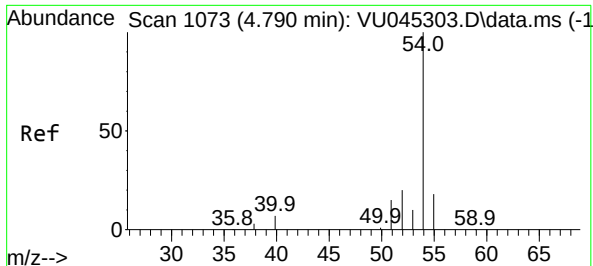
Tgt Ion: 45 Resp: 6937
Ion Ratio Lower Upper
45 100
43 22.9 25.3 75.8#



#32
Ethyl-t-butyl ether
Concen: 0.204 ug/l
RT: 4.510 min Scan# 986
Delta R.T. 0.000 min
Lab File: VU045311.D
Acq: 13 Oct 2021 16:41

Tgt Ion: 59 Resp: 6984
Ion Ratio Lower Upper
59 100
87 39.9 32.7 49.1



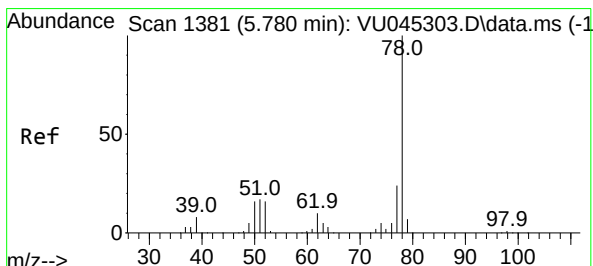
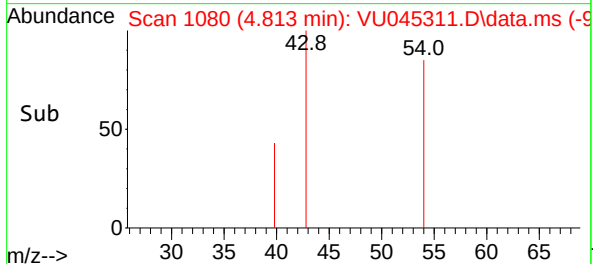
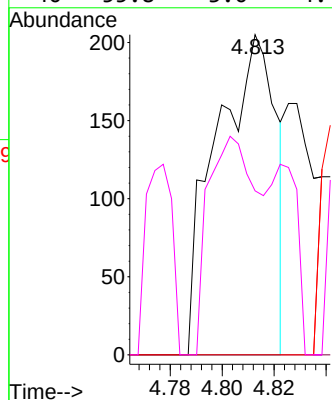
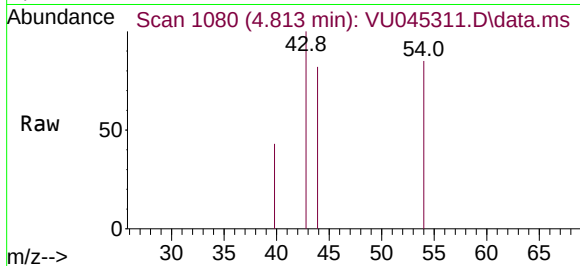


#34
 Propionitrile
 Concen: 0.321 ug/l
 RT: 4.813 min Scan# 1080
 Delta R.T. 0.023 min
 Lab File: VU045311.D
 Acq: 13 Oct 2021 16:41

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion: 54 Resp: 328

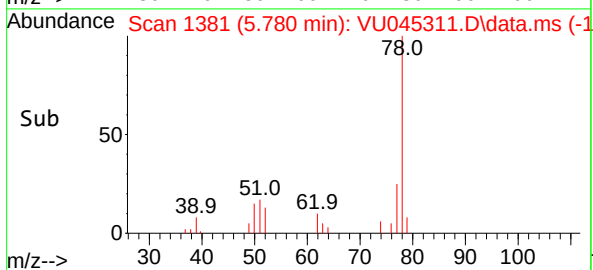
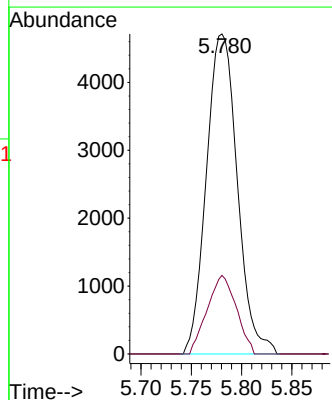
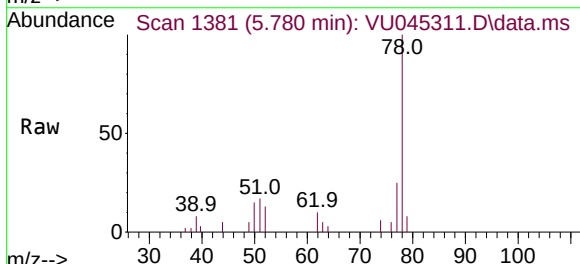
Ion	Ratio	Lower	Upper
54	100		
52	0.0	11.9	17.9#
55	0.0	8.0	12.0#
40	55.8	3.0	4.4#

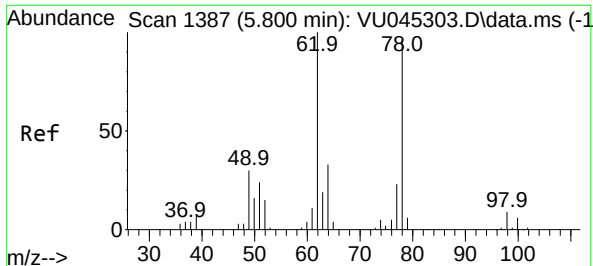


#35
 Benzene
 Concen: 0.213 ug/l
 RT: 5.780 min Scan# 1381
 Delta R.T. 0.000 min
 Lab File: VU045311.D
 Acq: 13 Oct 2021 16:41

Tgt Ion: 78 Resp: 10094

Ion	Ratio	Lower	Upper
78	100		
77	24.5	19.1	28.7





#36

1,2-Dichloroethane

Concen: 0.222 ug/l

RT: 5.800 min Scan# 1387

Delta R.T. 0.000 min

Lab File: VU045311.D

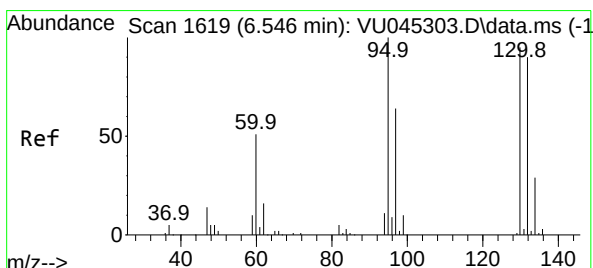
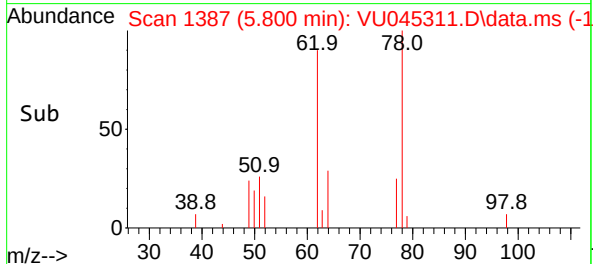
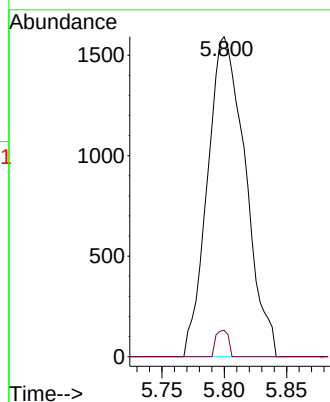
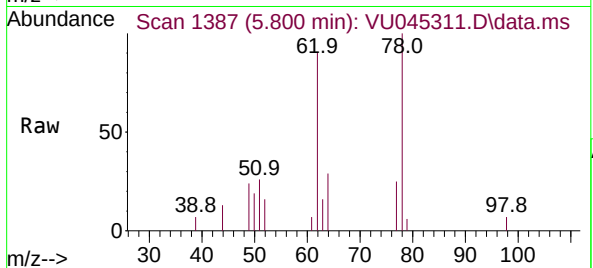
Acq: 13 Oct 2021 16:41

Tgt Ion: 62 Resp: 3359

Ion Ratio Lower Upper

62 100

98 2.7 7.3 10.9#



#37

Trichloroethene

Concen: 0.222 ug/l

RT: 6.546 min Scan# 1619

Delta R.T. 0.000 min

Lab File: VU045311.D

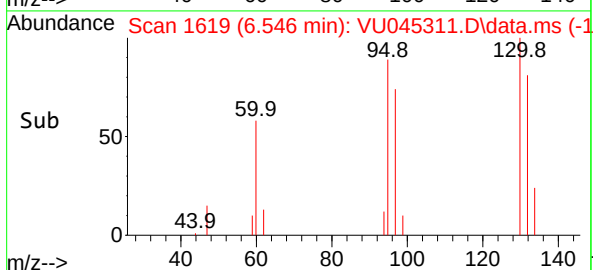
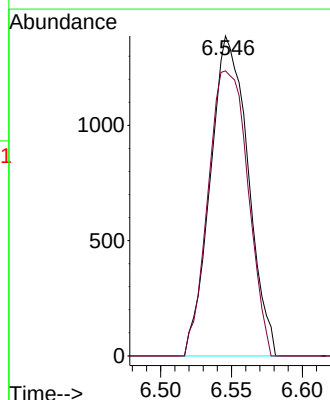
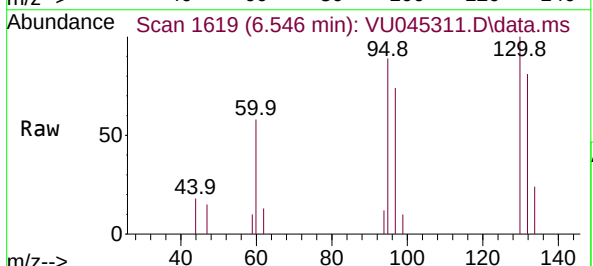
Acq: 13 Oct 2021 16:41

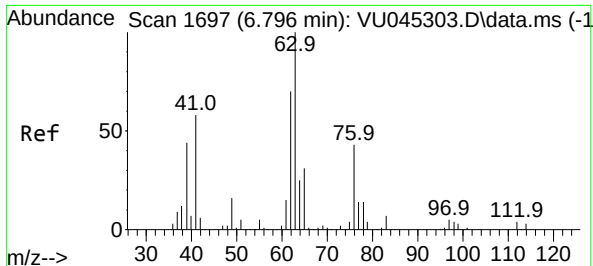
Tgt Ion: 130 Resp: 2569

Ion Ratio Lower Upper

130 100

95 89.1 83.8 125.8

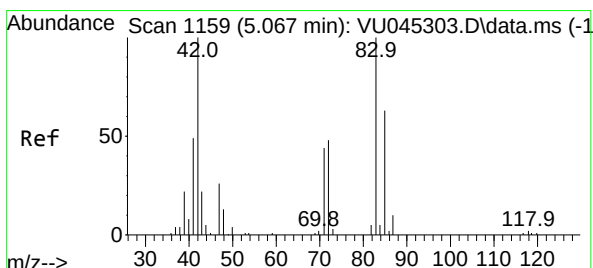
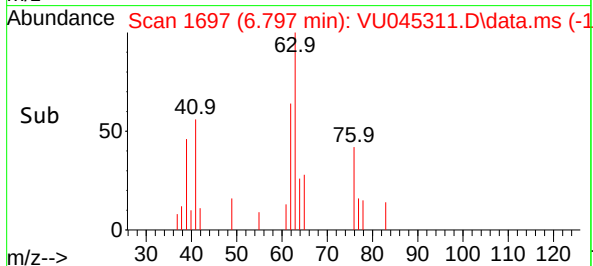
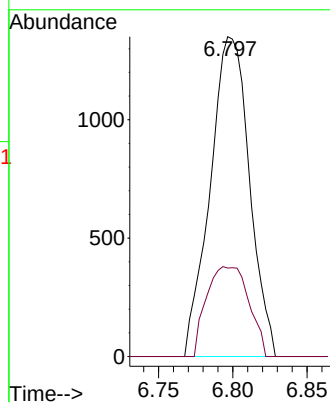
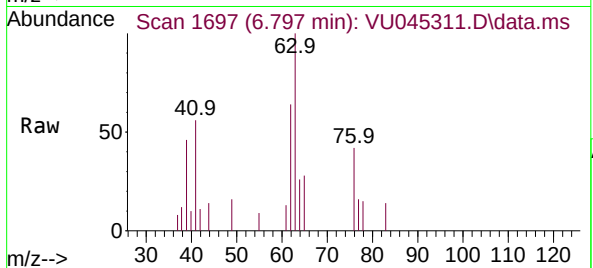




#38
1,2-Dichloropropane
Concen: 0.202 ug/l
RT: 6.797 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VU045311.D
Acq: 13 Oct 2021 16:41

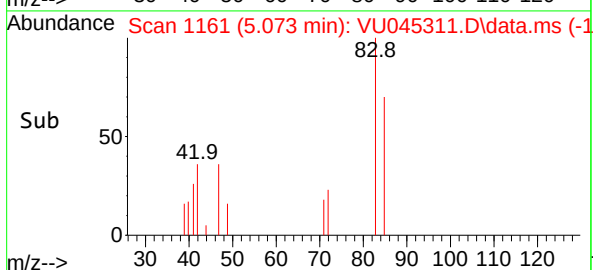
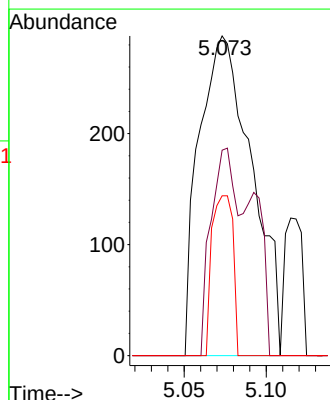
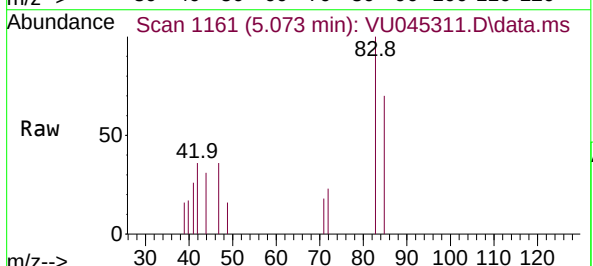
Instrument :
MSVOA_U
ClientSampleId :

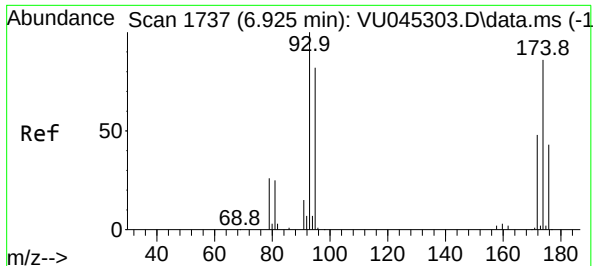
Tgt Ion: 63 Resp: 2485
Ion Ratio Lower Upper
63 100
65 27.7 24.7 37.1



#41
Tetrahydrofuran
Concen: 0.278 ug/l
RT: 5.073 min Scan# 1161
Delta R.T. 0.007 min
Lab File: VU045311.D
Acq: 13 Oct 2021 16:41

Tgt Ion: 42 Resp: 643
Ion Ratio Lower Upper
42 100
72 34.7 42.4 63.6#
71 19.9 36.4 54.6#

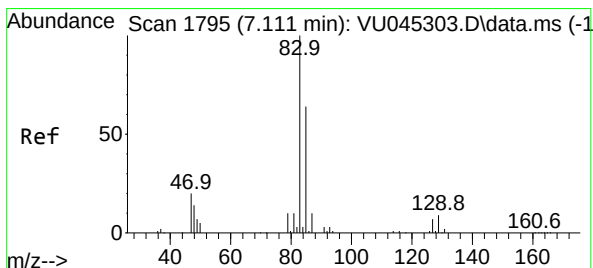
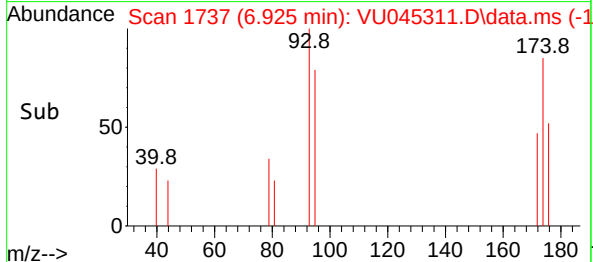
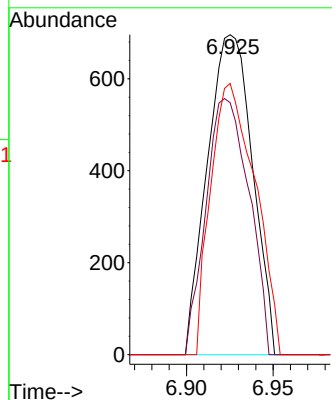
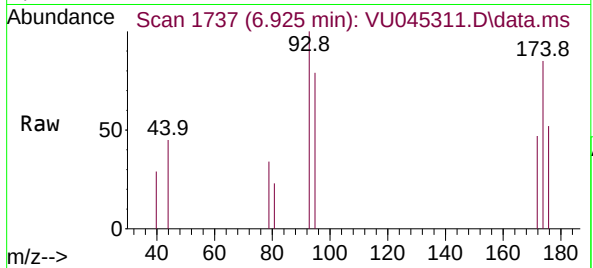




#43
Dibromomethane
Concen: 0.207 ug/l
RT: 6.925 min Scan# 1737
Delta R.T. 0.000 min
Lab File: VU045311.D
Acq: 13 Oct 2021 16:41

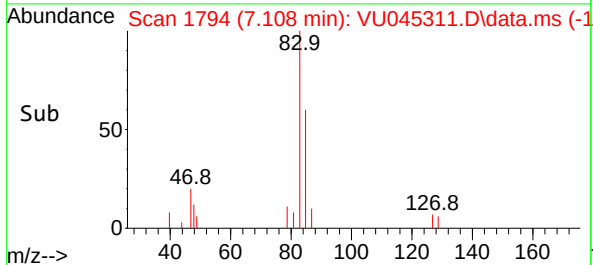
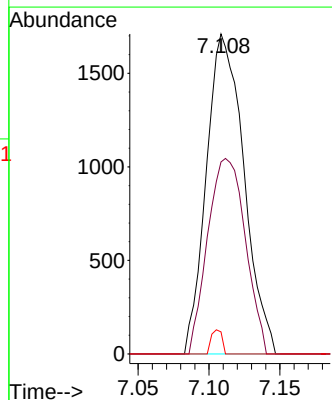
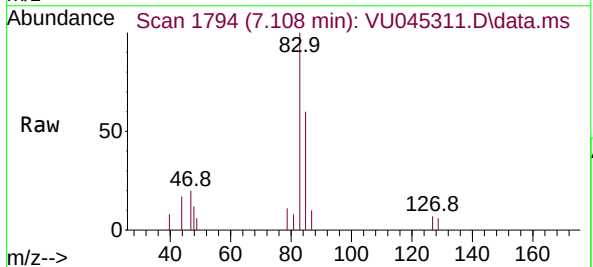
Instrument :
MSVOA_U
ClientSampleId :

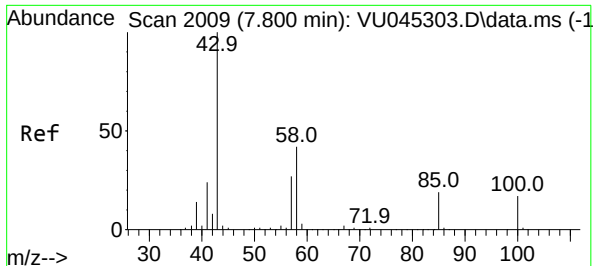
Tgt Ion: 93 Resp: 1263
Ion Ratio Lower Upper
93 100
95 76.3 66.2 99.2
174 83.1 70.7 106.1



#44
Bromodichloromethane
Concen: 0.206 ug/l
RT: 7.108 min Scan# 1794
Delta R.T. -0.003 min
Lab File: VU045311.D
Acq: 13 Oct 2021 16:41

Tgt Ion: 83 Resp: 3148
Ion Ratio Lower Upper
83 100
85 60.0 50.9 76.3
127 6.9 6.0 9.0





#45

4-Methyl-2-Pentanone

Concen: 1.015 ug/l

RT: 7.803 min Scan# 2010

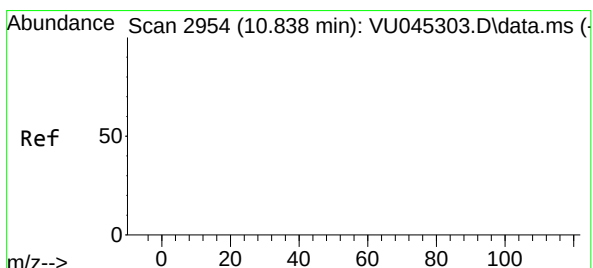
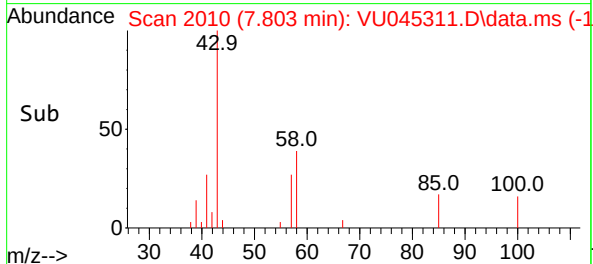
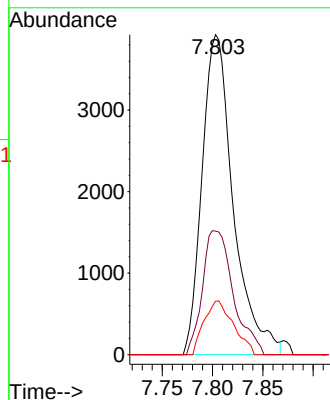
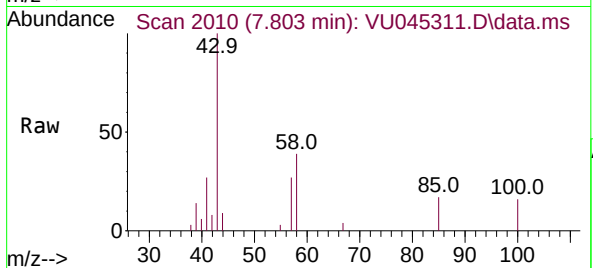
Delta R.T. 0.003 min

Lab File: VU045311.D

Acq: 13 Oct 2021 16:41

Tgt Ion:	43	Resp:	8477
Ion	Ratio	Lower	Upper
43	100		
58	38.3	21.0	63.0
85	15.8	14.8	22.2

Instrument :
MSVOA_U
ClientSampleId :



#46

t-1,4-Dichloro-2-butene

Concen: 0.879 ug/l

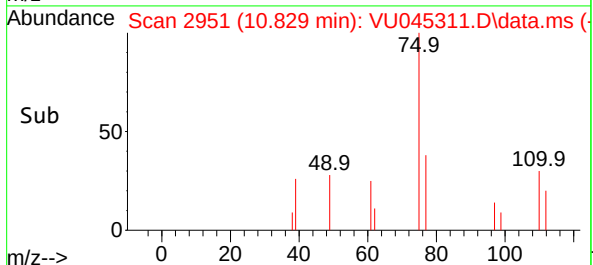
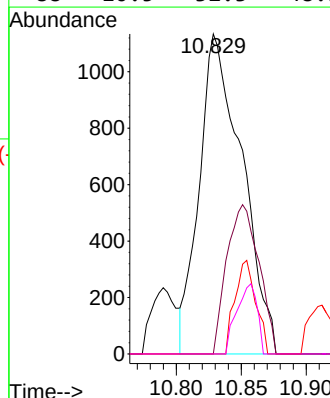
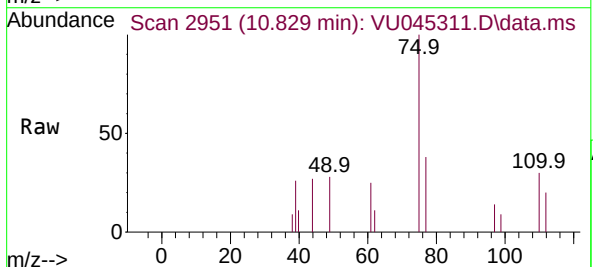
RT: 10.829 min Scan# 2951

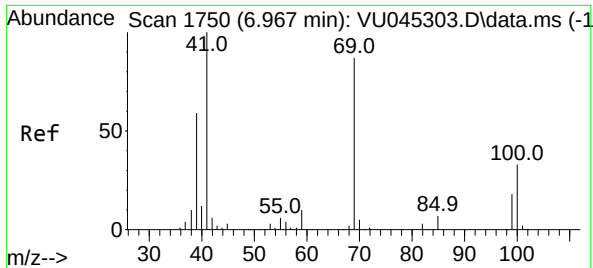
Delta R.T. -0.010 min

Lab File: VU045311.D

Acq: 13 Oct 2021 16:41

Tgt Ion:	75	Resp:	2585
Ion	Ratio	Lower	Upper
75	100		
53	35.0	66.8	100.2#
89	14.3	41.7	62.5#
88	10.5	32.3	48.5#



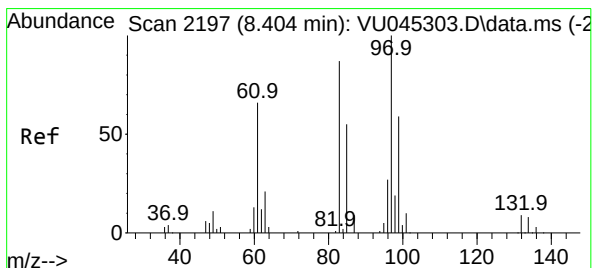
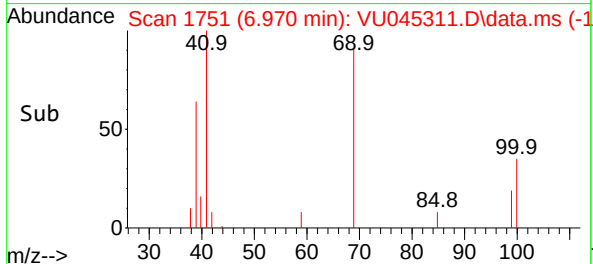
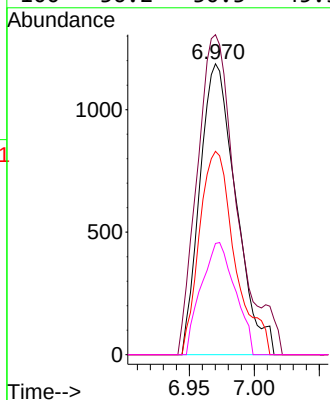
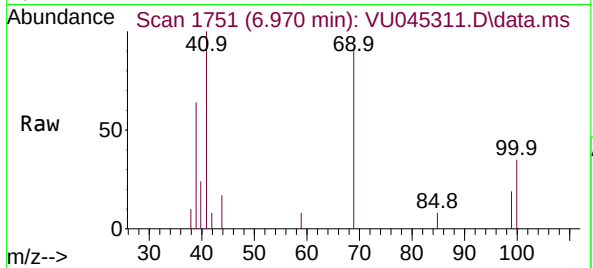


#47
Methyl methacrylate
Concen: 0.370 ug/l
RT: 6.970 min Scan# 1751
Delta R.T. 0.003 min
Lab File: VU045311.D
Acq: 13 Oct 2021 16:41

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 69 Resp: 2296

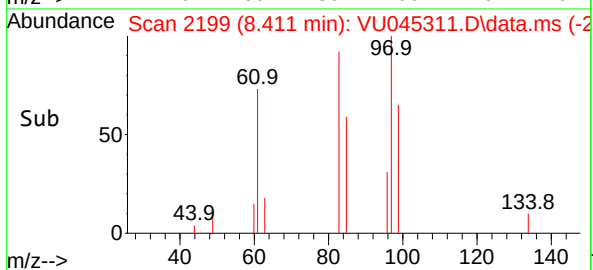
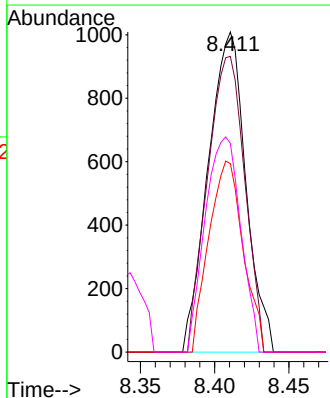
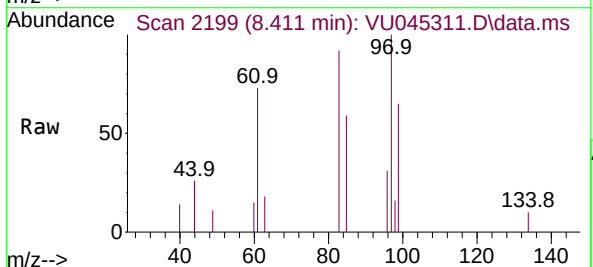
Ion	Ratio	Lower	Upper
69	100		
41	119.9	0.0	230.0
39	68.6	55.1	82.7
100	36.2	30.3	45.5

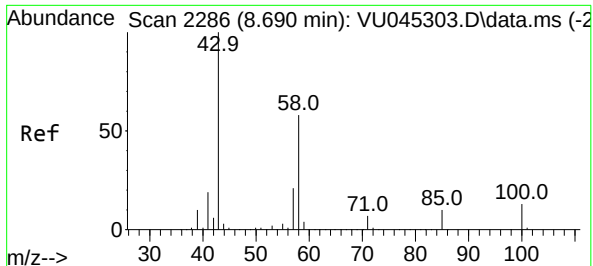


#52
1,1,2-Trichloroethane
Concen: 0.202 ug/l
RT: 8.411 min Scan# 2199
Delta R.T. 0.007 min
Lab File: VU045311.D
Acq: 13 Oct 2021 16:41

Tgt Ion: 97 Resp: 1778

Ion	Ratio	Lower	Upper
97	100		
83	92.4	69.8	104.8
85	58.9	44.2	66.4
99	65.2	49.7	74.5

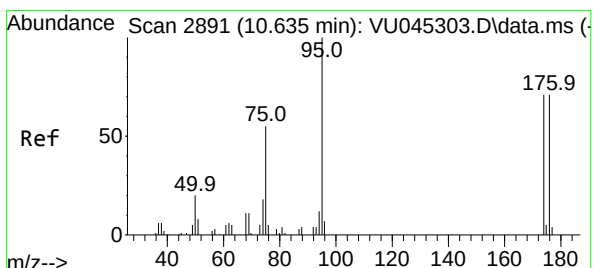
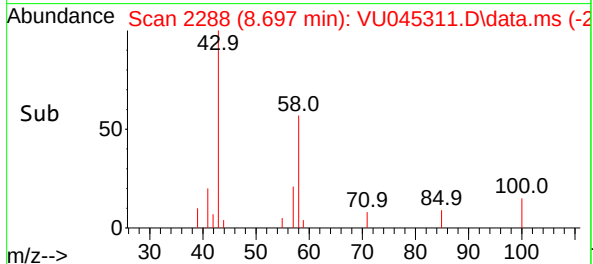
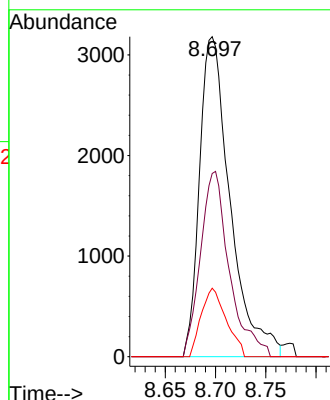
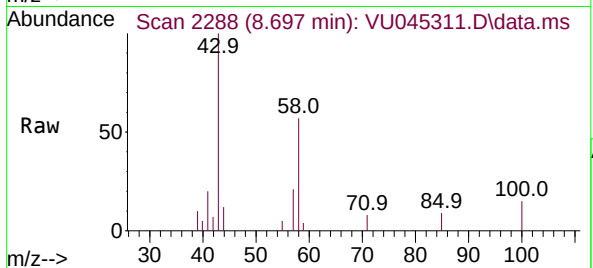




#54
2-Hexanone
Concen: 1.044 ug/l
RT: 8.697 min Scan# 2288
Delta R.T. 0.007 min
Lab File: VU045311.D
Acq: 13 Oct 2021 16:41

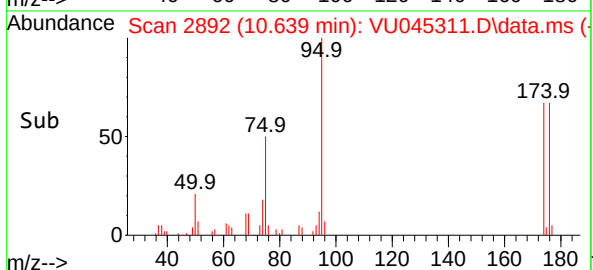
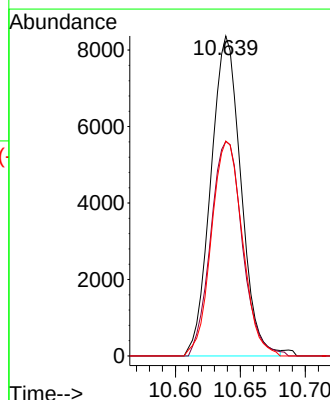
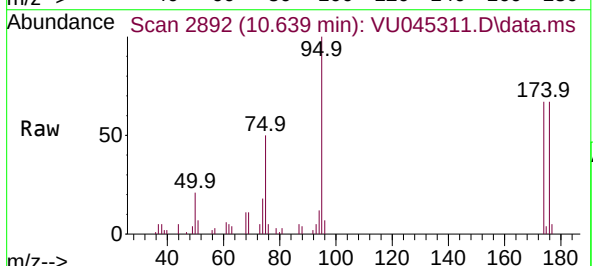
Instrument :
MSVOA_U
ClientSampleId :

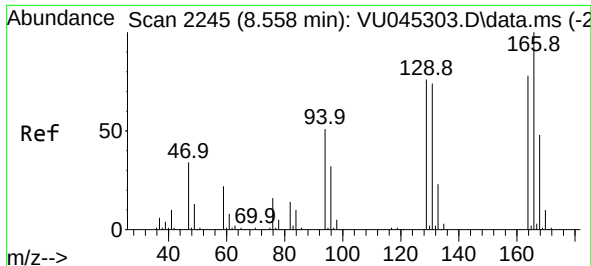
Tgt Ion: 43 Resp: 6734
Ion Ratio Lower Upper
43 100
58 54.6 37.7 77.7
57 17.5 0.5 40.5



#57
4-Bromofluorobenzene
Concen: 0.897 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.003 min
Lab File: VU045311.D
Acq: 13 Oct 2021 16:41

Tgt Ion: 95 Resp: 13463
Ion Ratio Lower Upper
95 100
174 70.8 56.6 84.8
176 69.2 54.3 81.5



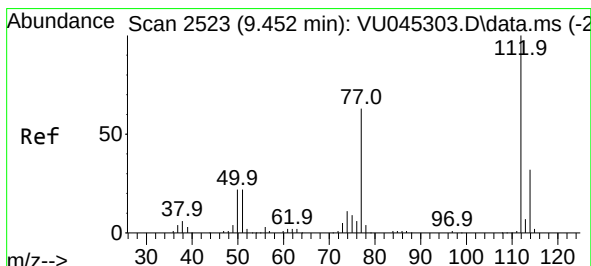
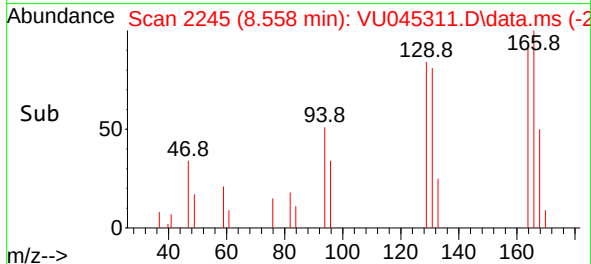
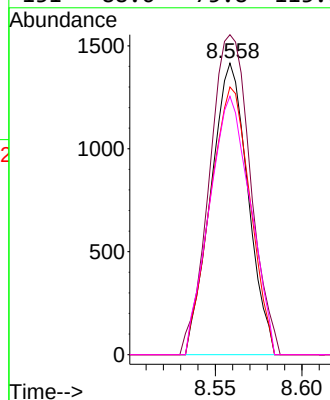
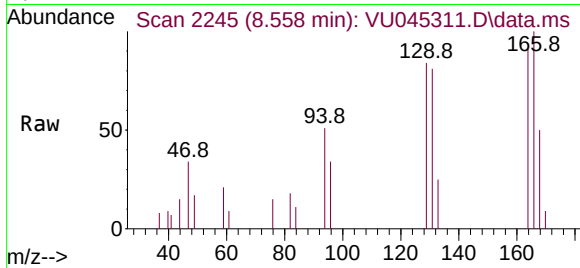


#58
Tetrachloroethene
Concen: 0.203 ug/l
RT: 8.558 min Scan# 2245
Delta R.T. 0.000 min
Lab File: VU045311.D
Acq: 13 Oct 2021 16:41

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:164 Resp: 2111

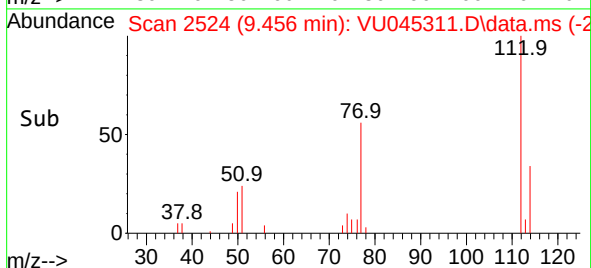
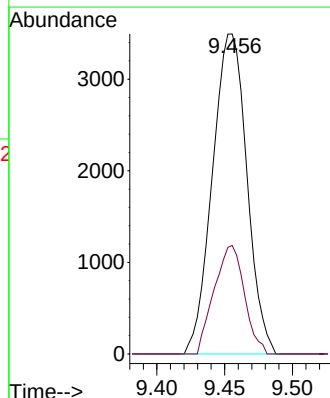
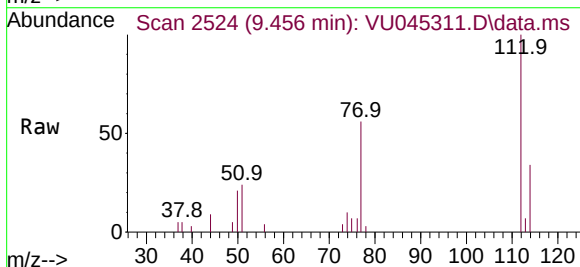
Ion	Ratio	Lower	Upper
164	100		
166	109.7	102.0	153.0
129	91.8	77.1	115.7
131	88.6	75.8	113.6

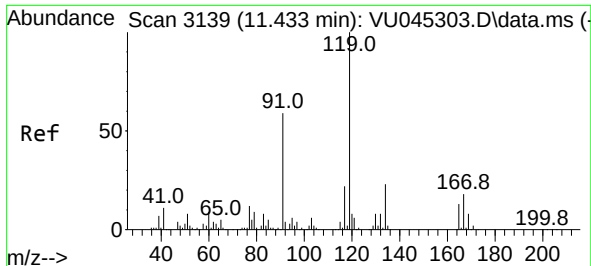


#59
Chlorobenzene
Concen: 0.204 ug/l
RT: 9.456 min Scan# 2524
Delta R.T. 0.003 min
Lab File: VU045311.D
Acq: 13 Oct 2021 16:41

Tgt Ion:112 Resp: 6178

Ion	Ratio	Lower	Upper
112	100		
114	33.9	25.4	38.0

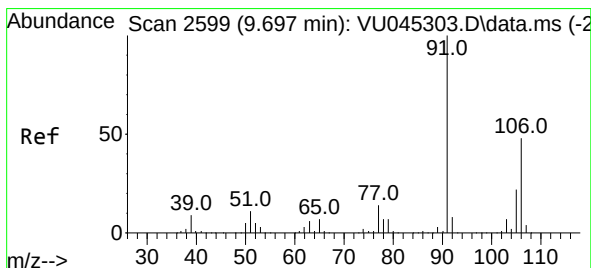
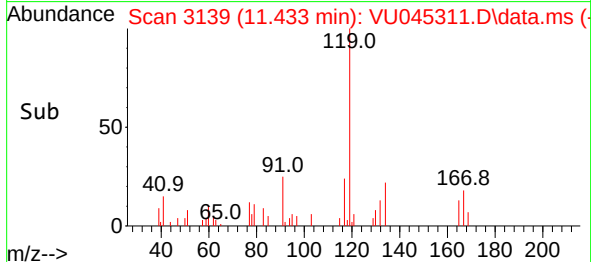
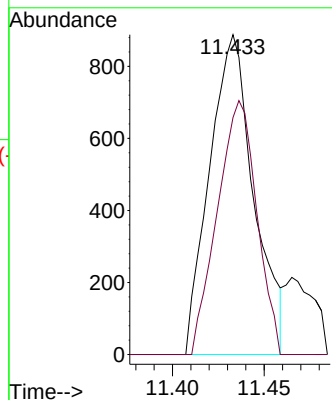
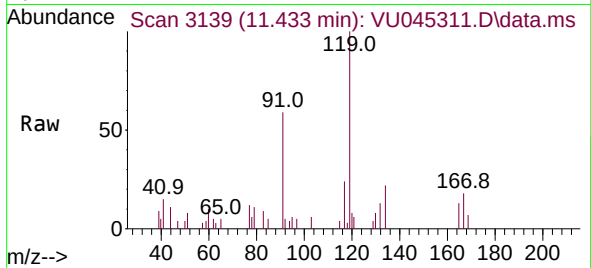




#61
Pentachloroethane
Concen: 0.204 ug/l
RT: 11.433 min Scan# 3139
Delta R.T. 0.000 min
Lab File: VU045311.D
Acq: 13 Oct 2021 16:41

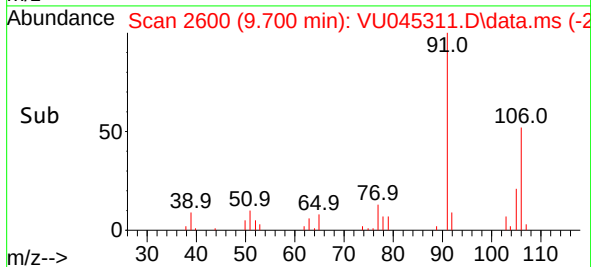
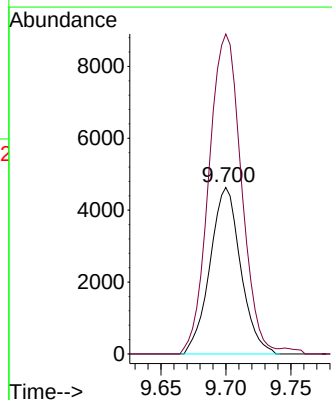
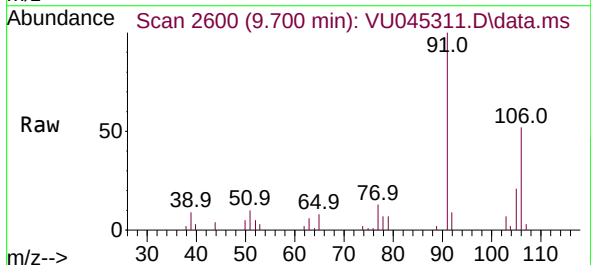
Instrument :
MSVOA_U
ClientSampleId :

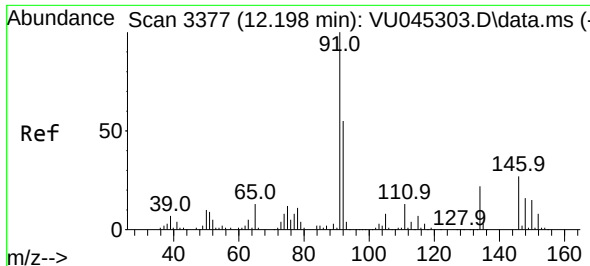
Tgt Ion:117 Resp: 1493
Ion Ratio Lower Upper
117 100
167 70.7 59.7 89.5



#64
m/p-Xylenes
Concen: 0.368 ug/l
RT: 9.700 min Scan# 2600
Delta R.T. 0.003 min
Lab File: VU045311.D
Acq: 13 Oct 2021 16:41

Tgt Ion:106 Resp: 7604
Ion Ratio Lower Upper
106 100
91 203.2 165.5 248.3

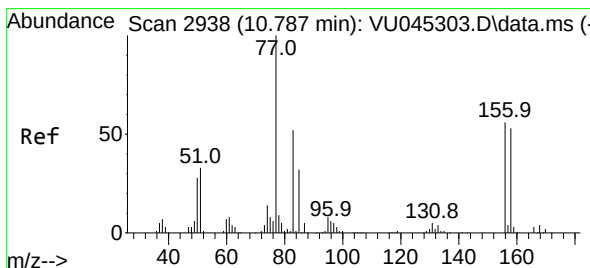
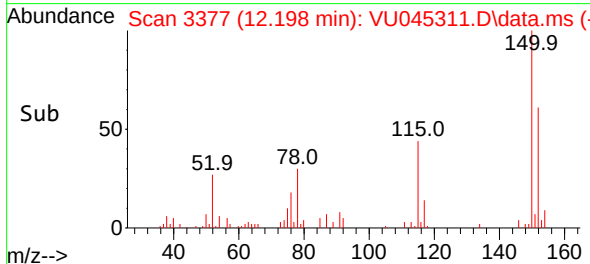
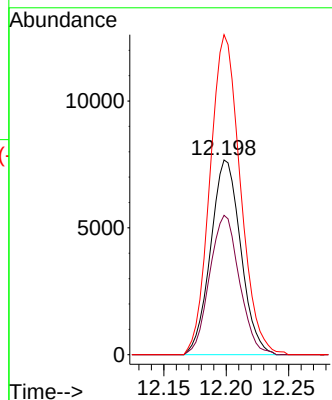
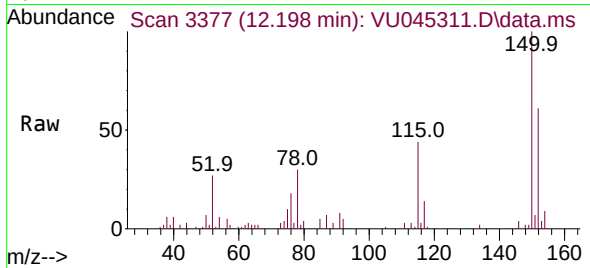




#68
 1,2-Dichlorobenzene-d4
 Concen: 0.919 ug/l
 RT: 12.198 min Scan# 3377
 Delta R.T. 0.000 min
 Lab File: VU045311.D
 Acq: 13 Oct 2021 16:41

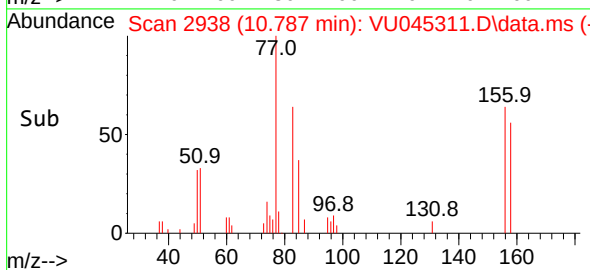
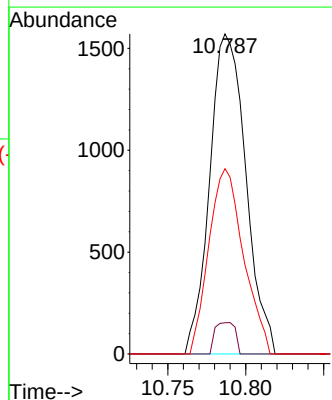
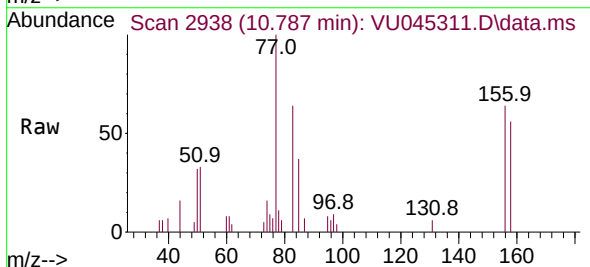
Instrument :
 MSVOA_U
 ClientSampled :

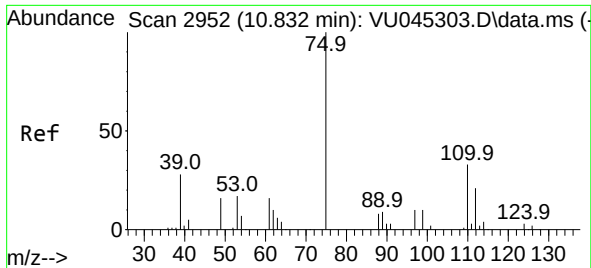
Tgt Ion:152 Resp: 12912
 Ion Ratio Lower Upper
 152 100
 115 70.7 0.0 251.0
 150 165.3 0.0 613.8



#70
 1,1,2,2-Tetrachloroethane
 Concen: 0.223 ug/l
 RT: 10.787 min Scan# 2938
 Delta R.T. 0.000 min
 Lab File: VU045311.D
 Acq: 13 Oct 2021 16:41

Tgt Ion: 83 Resp: 2532
 Ion Ratio Lower Upper
 83 100
 131 5.5 7.6 11.4#
 85 55.6 50.9 76.3

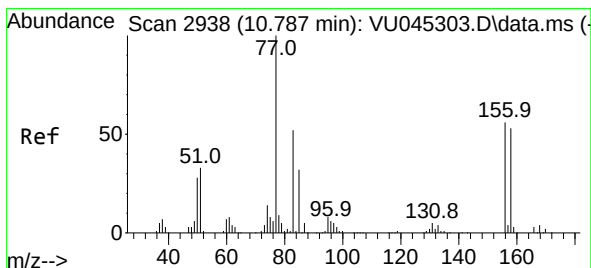
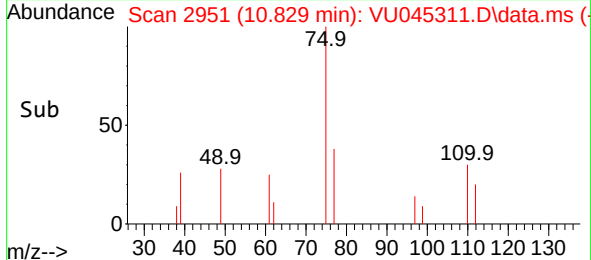
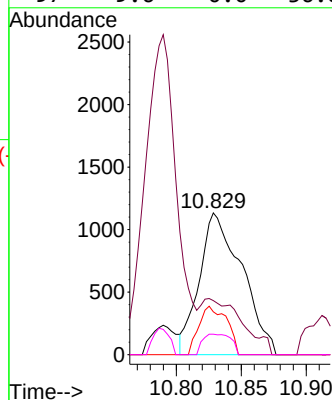
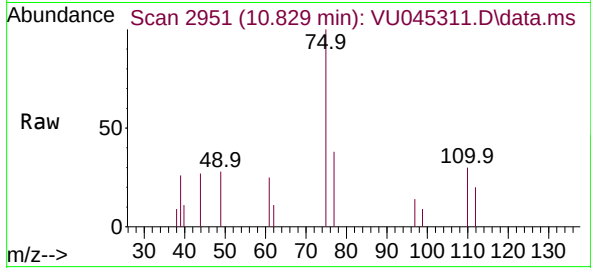




#71
1,2,3-Trichloropropane
Concen: 0.277 ug/l
RT: 10.829 min Scan# 2951
Delta R.T. -0.003 min
Lab File: VU045311.D
Acq: 13 Oct 2021 16:41

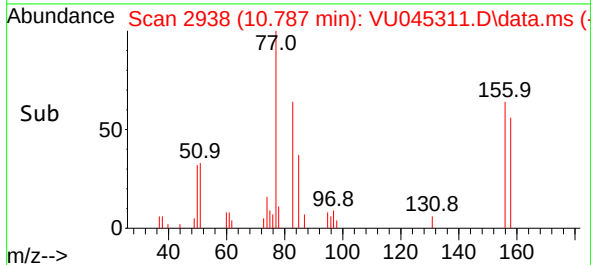
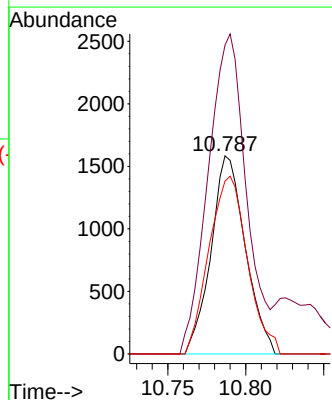
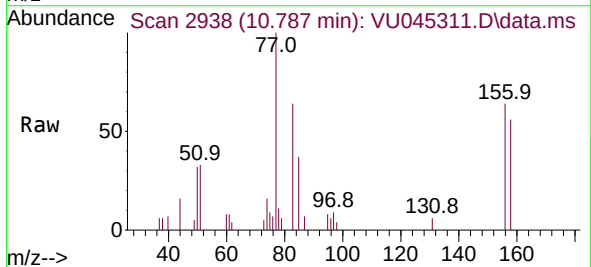
Instrument :
MSVOA_U
ClientSampled :

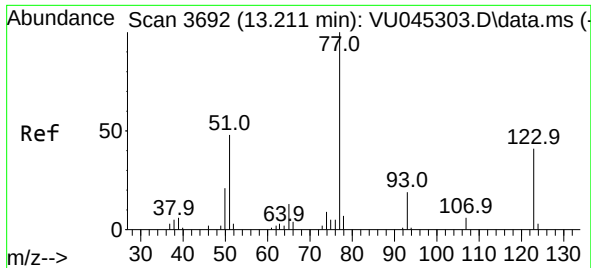
Tgt Ion:	75	Resp:	2585
Ion	Ratio	Lower	Upper
75	100		
77	16.7	0.0	105.6
110	22.3	0.0	71.2
97	9.6	0.0	36.8



#72
Bromobenzene
Concen: 0.207 ug/l
RT: 10.787 min Scan# 2938
Delta R.T. 0.000 min
Lab File: VU045311.D
Acq: 13 Oct 2021 16:41

Tgt Ion:	156	Resp:	2427
Ion	Ratio	Lower	Upper
156	100		
77	179.2	0.0	370.6
158	100.3	0.0	193.4

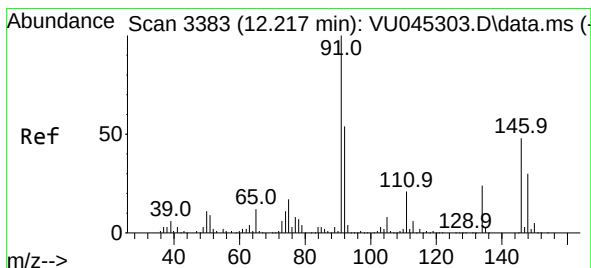
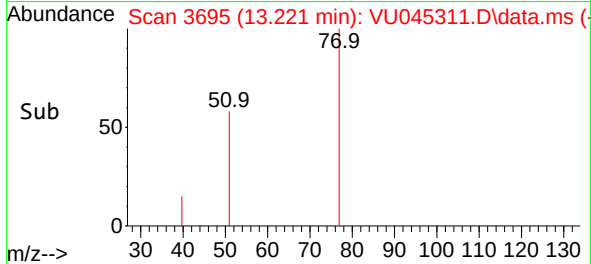
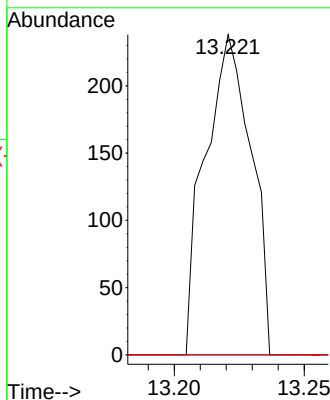
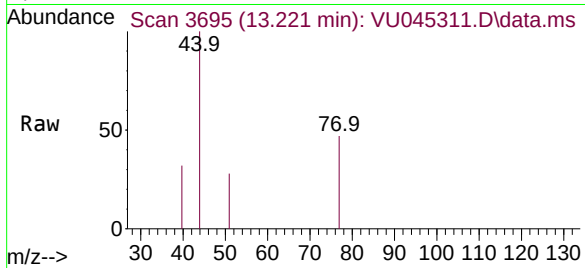




#80
Nitrobenzene
Concen: 0.908 ug/l
RT: 13.221 min Scan# 3695
Delta R.T. 0.010 min
Lab File: VU045311.D
Acq: 13 Oct 2021 16:41

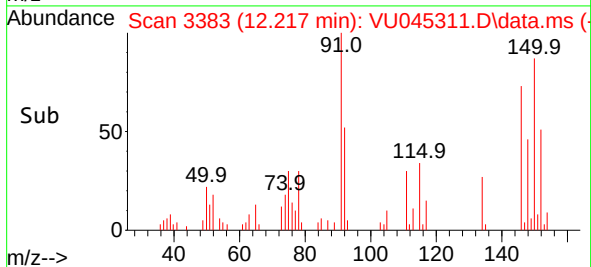
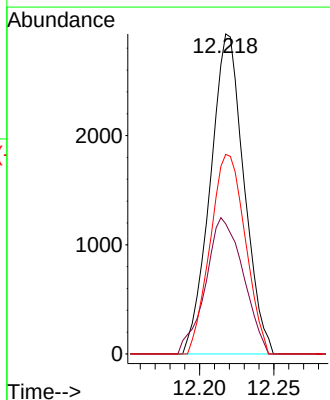
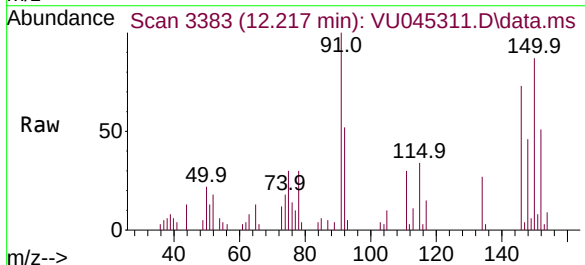
Instrument :
MSVOA_U
ClientSampleId :

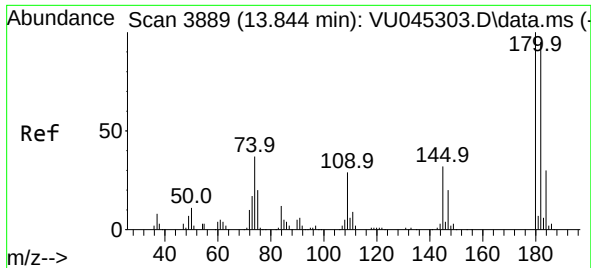
Tgt Ion: 77 Resp: 293
Ion Ratio Lower Upper
77 100
123 0.0 18.2 64.4#
65 0.0 12.0 15.2#



#85
1,2-Dichlorobenzene
Concen: 0.208 ug/l
RT: 12.217 min Scan# 3383
Delta R.T. 0.000 min
Lab File: VU045311.D
Acq: 13 Oct 2021 16:41

Tgt Ion:146 Resp: 4621
Ion Ratio Lower Upper
146 100
111 47.4 22.1 66.1
148 64.9 31.6 94.7

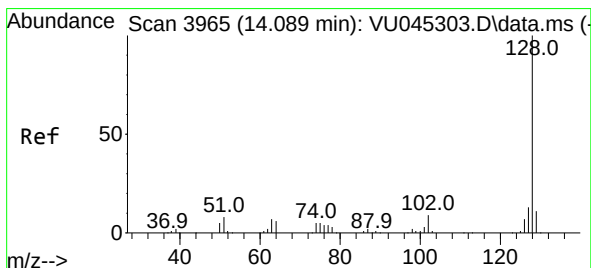
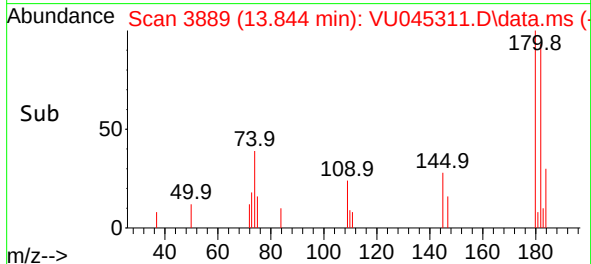
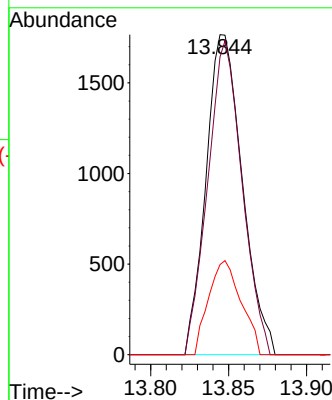
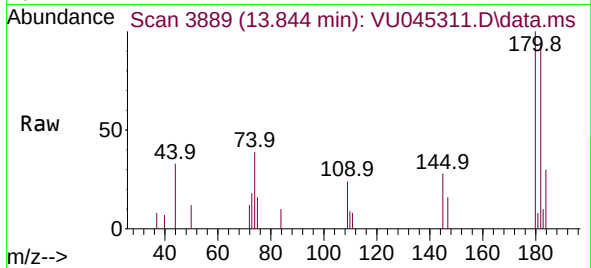




#87
1,2,4-Trichlorobenzene
Concen: 0.209 ug/l
RT: 13.844 min Scan# 3889
Delta R.T. 0.000 min
Lab File: VU045311.D
Acq: 13 Oct 2021 16:41

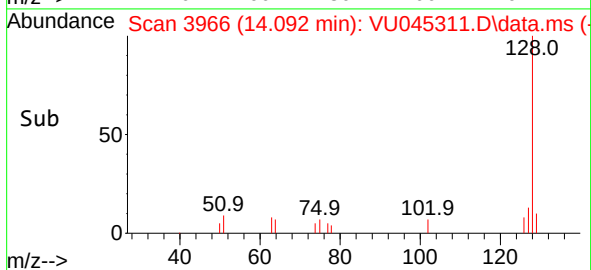
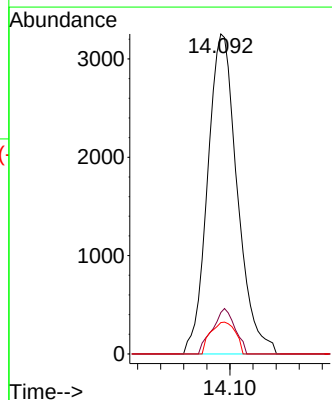
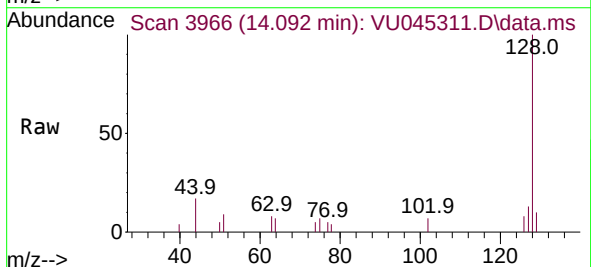
Instrument :
MSVOA_U
ClientSampleId :

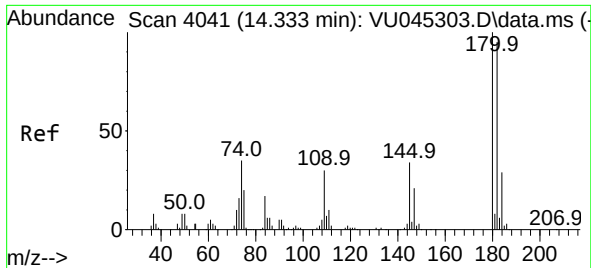
Tgt Ion:180 Resp: 2858
Ion Ratio Lower Upper
180 100
182 92.6 75.8 113.8
145 26.3 25.3 37.9



#89
Naphthalene
Concen: 0.215 ug/l
RT: 14.092 min Scan# 3966
Delta R.T. 0.003 min
Lab File: VU045311.D
Acq: 13 Oct 2021 16:41

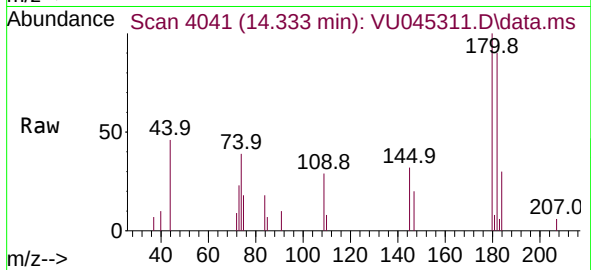
Tgt Ion:128 Resp: 5792
Ion Ratio Lower Upper
128 100
127 10.9 10.6 16.0
129 8.3 8.6 13.0#





#90
 1,2,3-Trichlorobenzene
 Concen: 0.204 ug/l
 RT: 14.333 min Scan# 4041
 Delta R.T. 0.000 min
 Lab File: VU045311.D
 Acq: 13 Oct 2021 16:41

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:180 Resp: 2597

Ion	Ratio	Lower	Upper
180	100		
182	96.5	75.4	113.0
145	29.0	27.0	40.4

