

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U050520\
 Data File : VU038014.D
 Acq On : 05 May 2020 13:41
 Operator : JC/MD
 Sample : VU0505WBSD01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 06 00:58:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U050420DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue May 05 02:20:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
-----	-----	-----	-----	-----	-----	-----
1) Fluorobenzene	6.15	96	86963	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.65	95	31456	0.93	ug/l	0.00
Spiked Amount 1.000			Recovery	=	93.00%	
68) 1,2-Dichlorobenzene-d4	12.20	152	30593	0.94	ug/l	0.00
Spiked Amount 1.000			Recovery	=	94.00%	
Target Compounds						
					Ovalue	
2) Dichlorodifluoromethane	1.40	85	54671	1.852	ug/l	97
3) Chloromethane	1.54	50	62410	1.786	ug/l	100
4) Vinyl Chloride	1.62	62	64644	1.857	ug/l	98
5) Bromomethane	1.87	94	34416	1.648	ug/l	98
6) Chloroethane	1.95	64	38391	1.846	ug/l	97
7) Trichlorofluoromethane	2.16	101	69833	1.924	ug/l	95
8) 1,1,2-Trichloro-1,2,2-trif	2.61	101	42727	1.889	ug/l	98
9) 1,1-Dichloroethene	2.60	96	43571	1.918	ug/l	96
10) Iodomethane	2.75	142	24834	2.040	ug/l	98
11) Allyl Chloride	2.95	41	77034	1.828	ug/l	98
12) Acrylonitrile	3.35	53	22558	3.633	ug/l	94
13) Acetone	2.66	43	45484	9.158	ug/l	97
14) Carbon Disulfide	2.82	76	150175	1.811	ug/l	99
15) Methylene Chloride	3.07	84	69935	2.375	ug/l	95
16) trans-1,2-Dichloroethene	3.38	96	46586	1.874	ug/l	96
17) 1,1-Dichloroethane	3.91	63	89334	1.895	ug/l	98
18) 2-Butanone	4.76	43	65293	8.768	ug/l	100
19) Cyclohexane	5.42	56	76159	1.666	ug/l	93
20) Methylcyclohexane	6.79	83	80038	1.786	ug/l	97
21) 2,2-Dichloropropane	4.70	77	69176	1.756	ug/l	98
22) cis-1,2-Dichloroethene	4.71	96	49942	1.901	ug/l	99
23) Diethyl Ether	2.40	59	39544	1.985	ug/l	98
24) tert-Butyl Alcohol	3.23	59	36408	16.470	ug/l	96
25) Methyl tert-Butyl Ether	3.41	73	114166	1.835	ug/l	94
26) Bromochloromethane	5.01	128	18664	1.765	ug/l	96
27) Chloroform	5.12	83	81738	1.849	ug/l	98
28) 1,1,1-Trichloroethane	5.35	97	67254	1.846	ug/l	99
29) 1,1-Dichloropropene	5.56	75	68090	1.857	ug/l	99
30) Carbon Tetrachloride	5.56	117	54357	1.783	ug/l	98
31) Isopropyl Ether	4.04	45	139866	1.803	ug/l	99
32) Ethyl-t-butyl ether	4.55	59	121923	1.741	ug/l	99
33) Tert-Amyl methyl ether	5.98	73	103103	1.708	ug/l	99
34) Propionitrile	4.82	54	18558	8.704	ug/l #	90
35) Benzene	5.81	78	193088	1.882	ug/l	99
36) 1,2-Dichloroethane	5.83	62	58238	1.919	ug/l	98
37) Trichloroethene	6.57	130	50778	1.885	ug/l	100
38) 1,2-Dichloropropane	6.82	63	51094	1.851	ug/l	99
39) Methacrylonitrile	5.02	41	17322	1.734	ug/l	94
40) Methyl acrylate	4.89	55	26598	1.807	ug/l	99
41) Tetrahydrofuran	5.11	42	18202	3.654	ug/l	96
42) 1-Chlorobutane	5.49	56	98237	1.860	ug/l	100

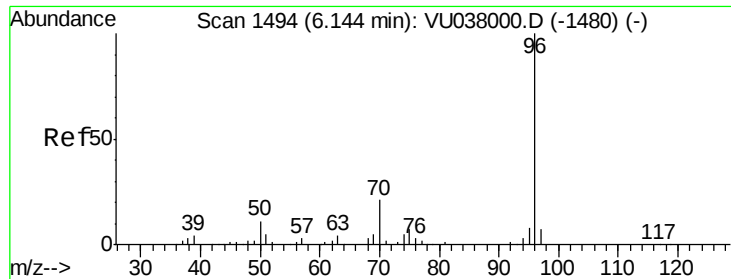
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U050520\
 Data File : VU038014.D
 Acq On : 05 May 2020 13:41
 Operator : JC/MD
 Sample : VU0505WBSD01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 06 00:58:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U050420DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue May 05 02:20:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.95	93	23366	1.817	ug/l	98
44) Bromodichloromethane	7.13	83	58533	1.812	ug/l	99
45) 4-Methyl-2-Pentanone	7.82	43	155319	8.861	ug/l	99
46) t-1,4-Dichloro-2-butene	10.84	75	50312	9.282	ug/l #	37
47) Methyl methacrylate	6.99	69	46196	3.532	ug/l	97
48) Ethyl methacrylate	8.36	69	41825	1.727	ug/l	99
49) Toluene	7.99	92	121674	1.876	ug/l	100
50) t-1,3-Dichloropropene	8.23	75	56561	1.714	ug/l	96
51) cis-1,3-Dichloropropene	7.63	75	68776	1.735	ug/l	99
52) 1,1,2-Trichloroethane	8.43	97	34643	1.902	ug/l	92
53) 1,3-Dichloropropane	8.60	76	63680	1.862	ug/l	98
54) 2-Hexanone	8.71	43	105961	8.564	ug/l	97
55) Dibromochloromethane	8.83	129	34726	1.721	ug/l	100
56) 1,2-Dibromoethane	8.95	107	30555	1.779	ug/l	98
58) Tetrachloroethene	8.57	164	48250	1.919	ug/l	97
59) Chlorobenzene	9.47	112	130630	1.897	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.56	131	36630	1.752	ug/l	100
61) Pentachloroethane	11.44	117	25278	1.614	ug/l	100
62) Hexachloroethane	12.49	117	25168	1.544	ug/l	94
63) Ethyl Benzene	9.59	91	225328	1.839	ug/l	99
64) m/p-Xylenes	9.71	106	171443	3.635	ug/l	99
65) o-Xylene	10.12	106	82916	1.804	ug/l	97
66) Styrene	10.13	104	136696	1.805	ug/l	99
67) Bromoform	10.31	173	17126	1.613	ug/l #	94
69) Isopropylbenzene	10.50	105	217433	1.811	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.80	83	42427	1.818	ug/l	98
71) 1,2,3-Trichloropropane	10.84	75	50312	2.915	ug/l	71
72) Bromobenzene	10.80	156	49543	1.848	ug/l	98
73) n-propylbenzene	10.92	120	60366	1.833	ug/l	98
74) 2-Chlorotoluene	11.00	126	50155	1.814	ug/l	96
75) 1,3,5-Trimethylbenzene	11.10	105	179275	1.804	ug/l	100
76) 4-Chlorotoluene	11.11	126	54295	1.891	ug/l	97
77) tert-Butylbenzene	11.44	119	171367	1.812	ug/l	100
78) 1,2,4-Trimethylbenzene	11.48	105	184401	1.802	ug/l	100
79) sec-Butylbenzene	11.66	105	250046	1.846	ug/l	98
80) Nitrobenzene	13.23	77	4521	6.534	ug/l	97
81) p-Isopropyltoluene	11.81	119	196605	1.798	ug/l	100
82) 1,3-Dichlorobenzene	11.76	146	103368	1.862	ug/l	98
83) 1,4-Dichlorobenzene	11.85	146	103173	1.836	ug/l	98
84) n-Butylbenzene	12.22	91	200229	1.834	ug/l	98
85) 1,2-Dichlorobenzene	12.23	146	95057	1.839	ug/l	99
86) 1,2-Dibromo-3-Chloropropan	13.02	75	5613	1.527	ug/l	94
87) 1,2,4-Trichlorobenzene	13.87	180	63576	1.683	ug/l	97
88) Hexachlorobutadiene	14.05	225	28785	1.704	ug/l	99
89) Naphthalene	14.12	128	122625	1.688	ug/l	99
90) 1,2,3-Trichlorobenzene	14.36	180	58835	1.748	ug/l	99

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



#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 6.15 min Scan# 1495

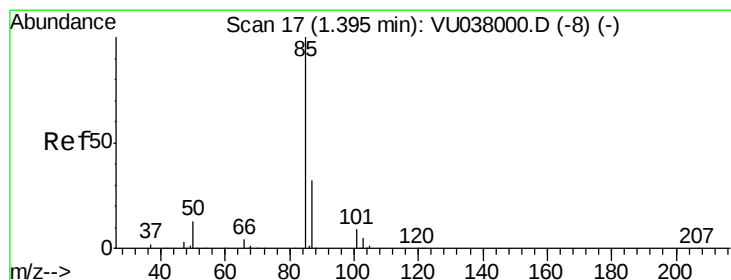
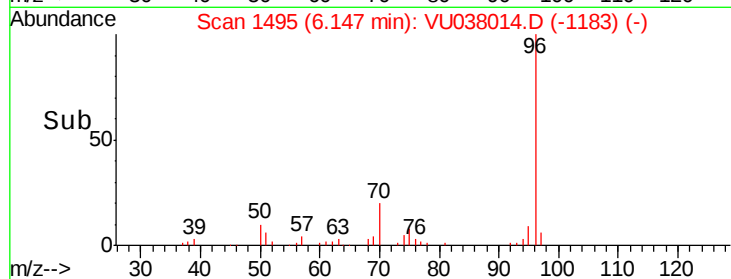
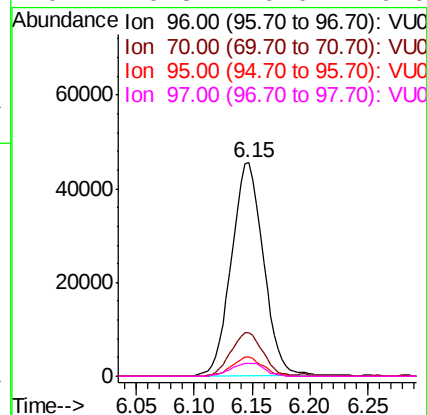
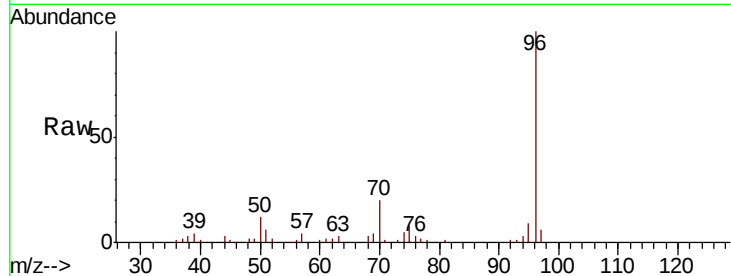
Delta R.T. 0.00 min

Lab File: VU038014.D

Acq: 05 May 2020 13:41

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:	96	Resp:	86963
Ion	Ratio	Lower	Upper
96	100		
70	19.3	14.4	21.6
95	8.7	7.1	10.7
97	6.3	0.0	0.0#



#2

Dichlorodifluoromethane

Concen: 1.852 ug/l

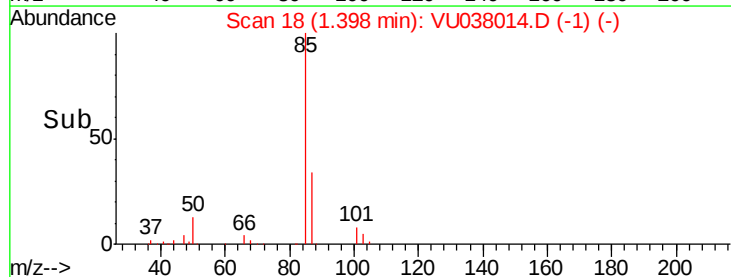
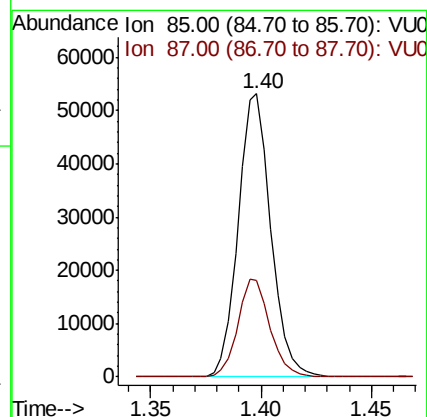
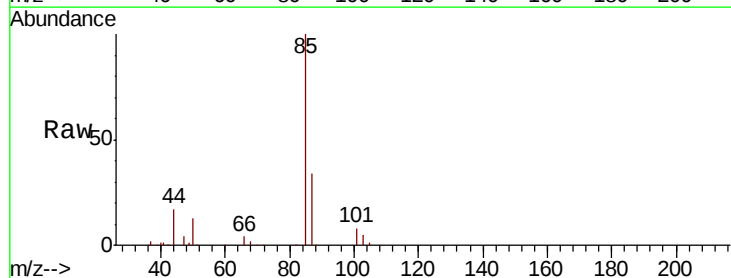
RT: 1.40 min Scan# 18

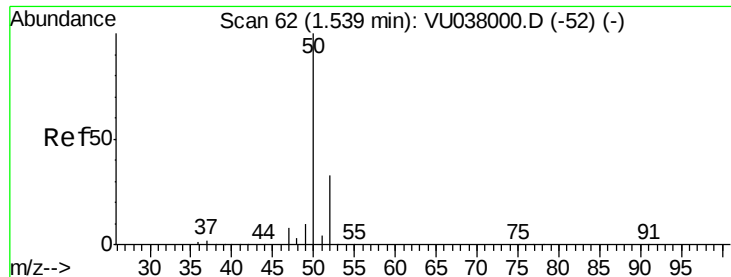
Delta R.T. 0.00 min

Lab File: VU038014.D

Acq: 05 May 2020 13:41

Tgt Ion:	85	Resp:	54671
Ion	Ratio	Lower	Upper
85	100		
87	34.1	16.2	48.5





#3

Chloromethane

Concen: 1.786 ug/l

RT: 1.54 min Scan# 61

Delta R.T. -0.00 min

Lab File: VU038014.D

Acq: 05 May 2020 13:41

Instrument :

MSVOA_U

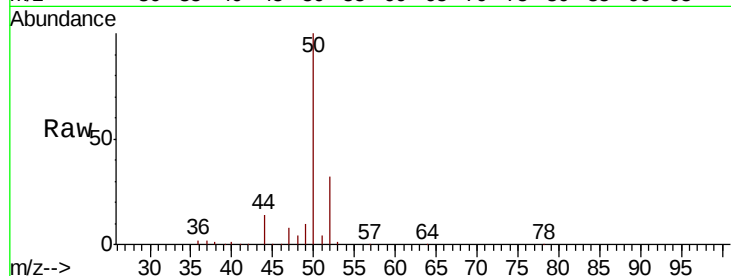
ClientSampled :

Tot Ion: 50 Resp: 62410

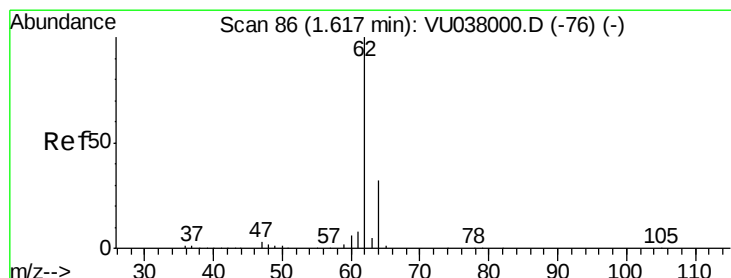
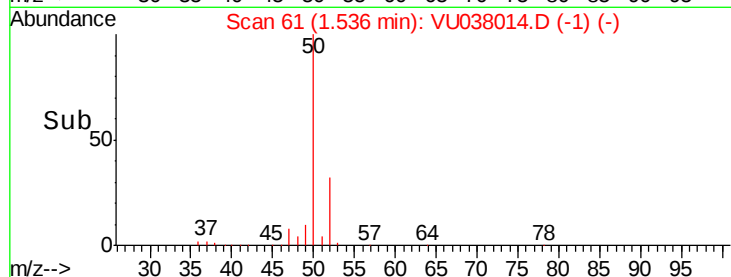
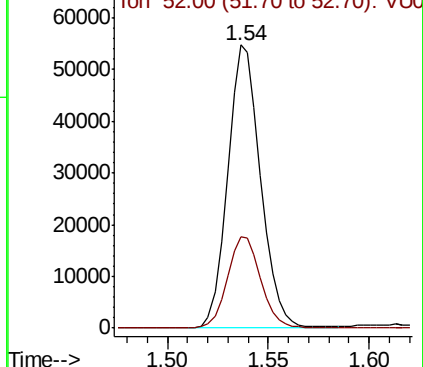
Ion Ratio Lower Upper

50 100

52 32.4 26.1 39.1



Abundance Ion 50.00 (49.70 to 50.70): VU038014.D (-1) (-)



#4

Vinyl Chloride

Concen: 1.857 ug/l

RT: 1.62 min Scan# 86

Delta R.T. 0.00 min

Lab File: VU038014.D

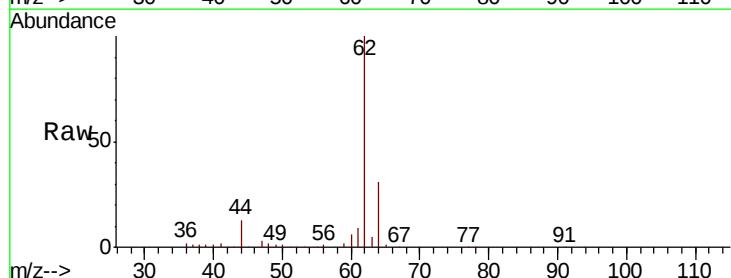
Acq: 05 May 2020 13:41

Tgt Ion: 62 Resp: 64644

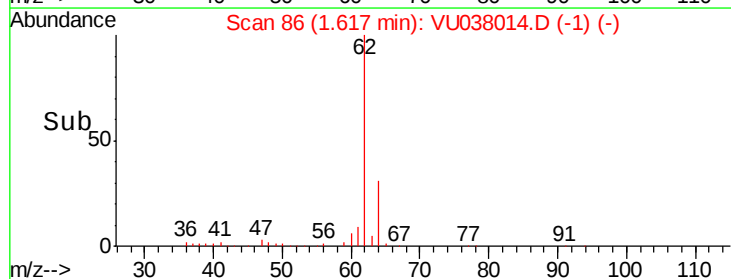
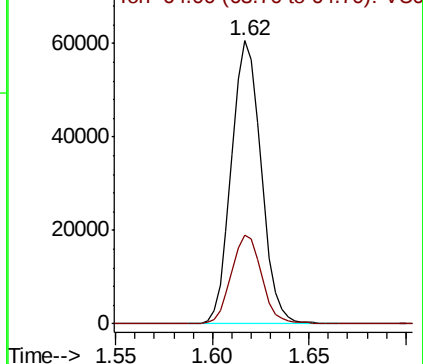
Ion Ratio Lower Upper

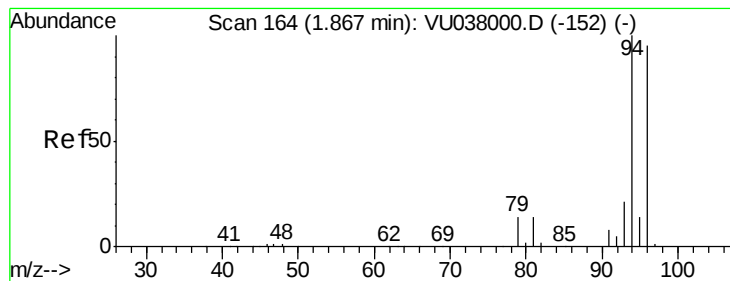
62 100

64 31.2 25.7 38.5



Abundance Ion 62.00 (61.70 to 62.70): VU038014.D (-1) (-)





#5

Bromomethane

Concen: 1.648 ug/l

RT: 1.87 min Scan# 166

Delta R.T. 0.01 min

Lab File: VU038014.D

Acq: 05 May 2020 13:41

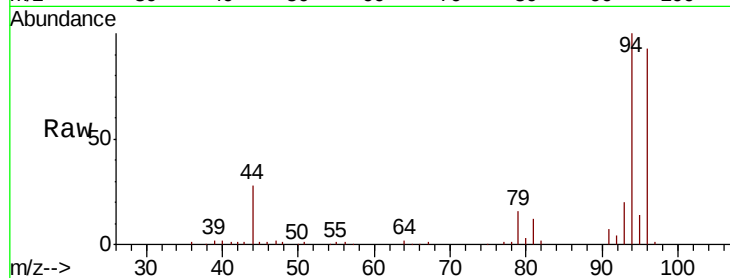
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 94 Resp: 34416

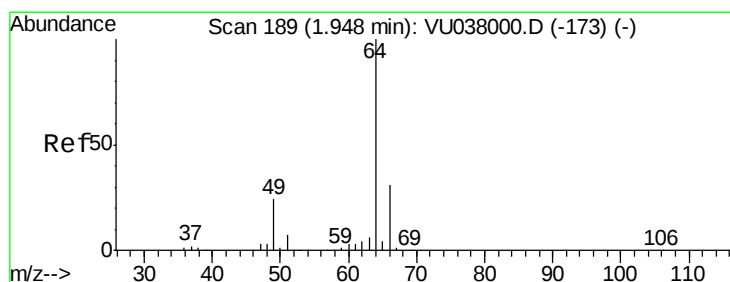
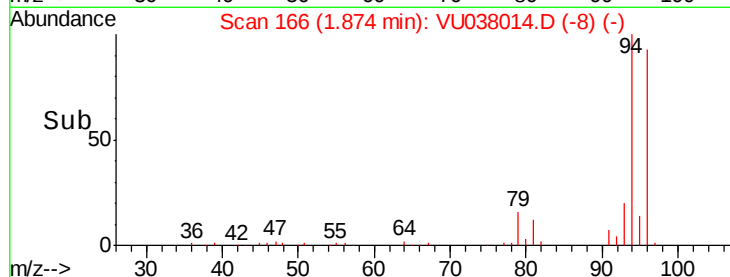
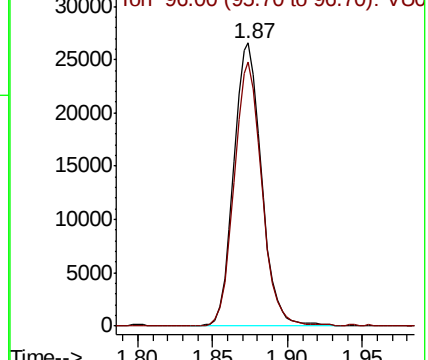
Ion Ratio Lower Upper

94 100

96 93.4 76.1 114.1



Abundance Ion 94.00 (93.70 to 94.70): VU038014.D (-152) (-)



#6

Chloroethane

Concen: 1.846 ug/l

RT: 1.95 min Scan# 190

Delta R.T. 0.00 min

Lab File: VU038014.D

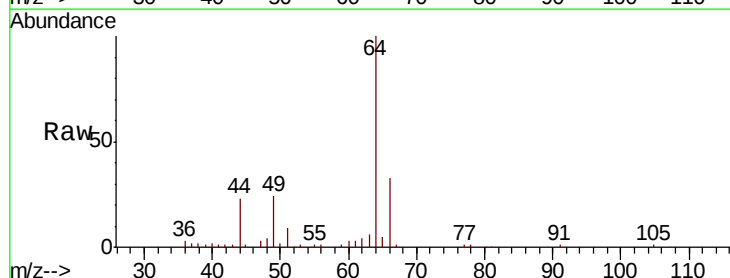
Acq: 05 May 2020 13:41

Tgt Ion: 64 Resp: 38391

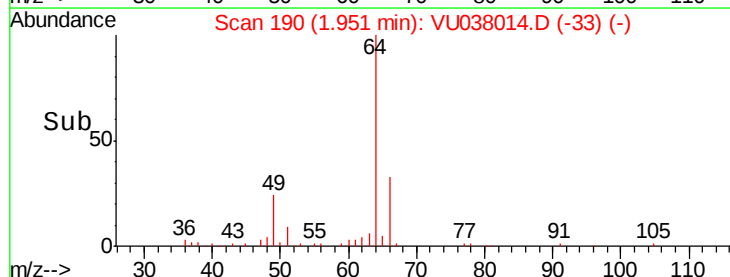
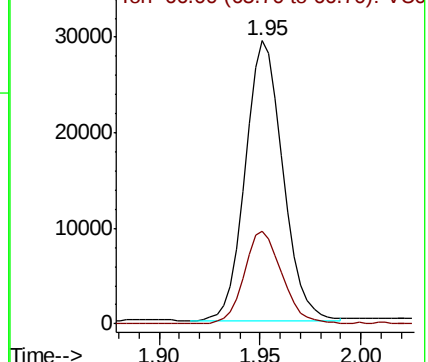
Ion Ratio Lower Upper

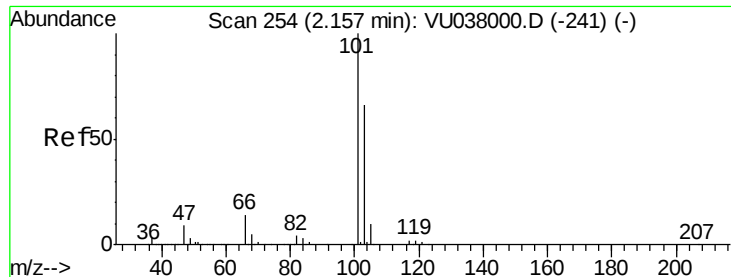
64 100

66 32.9 24.8 37.2



Abundance Ion 64.00 (63.70 to 64.70): VU038014.D (-33) (-)



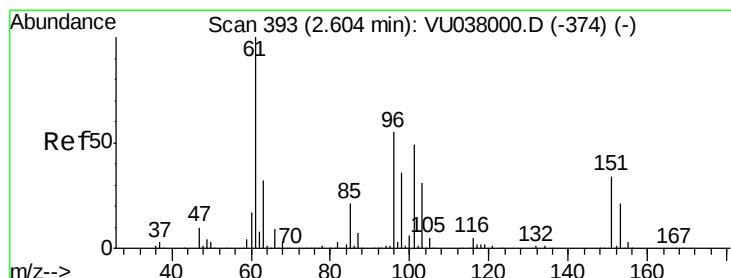
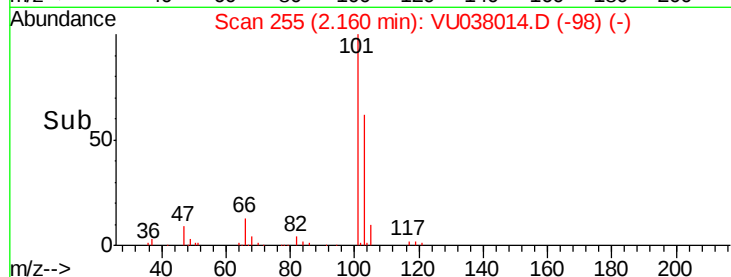
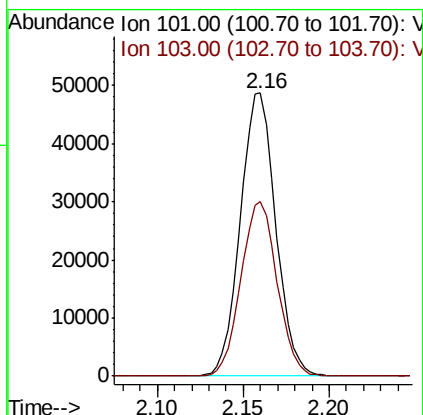
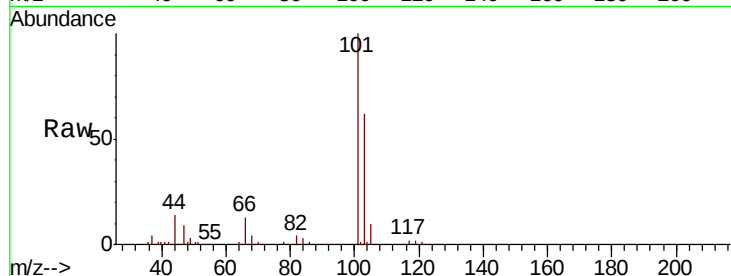


#7

Trichlorofluoromethane
Concen: 1.924 ug/l
RT: 2.16 min Scan# 255
Delta R.T. 0.00 min
Lab File: VU038014.D
Acq: 05 May 2020 13:41

Instrument :
MSVOA_U
ClientSampled :

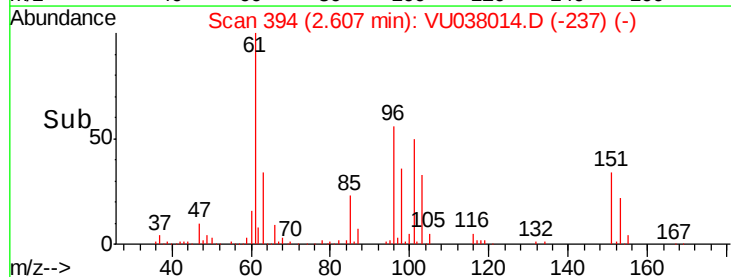
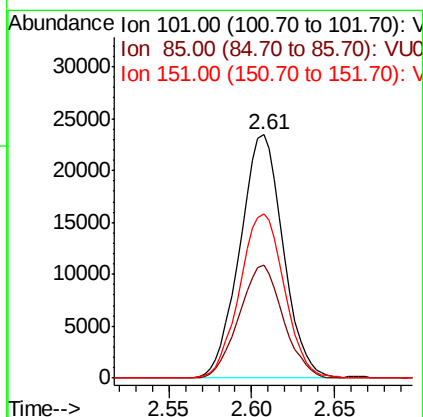
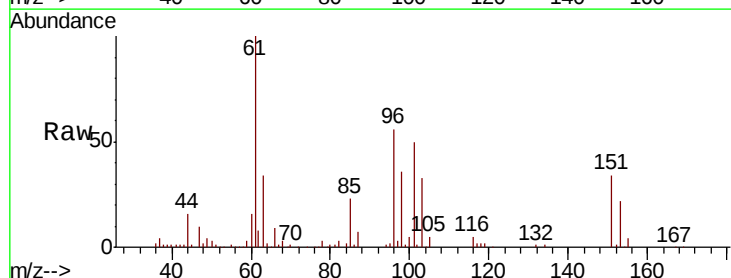
Tot Ion:101 Resp: 69833
Ion Ratio Lower Upper
101 100
103 61.8 52.6 78.8

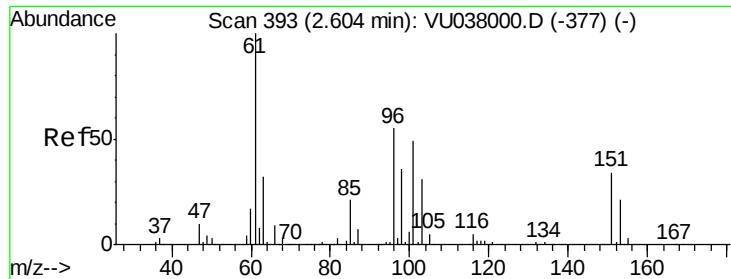


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.889 ug/l
RT: 2.61 min Scan# 394
Delta R.T. 0.00 min
Lab File: VU038014.D
Acq: 05 May 2020 13:41

Tgt Ion:101 Resp: 42727
Ion Ratio Lower Upper
101 100
85 47.1 35.5 53.3
151 69.6 55.2 82.8

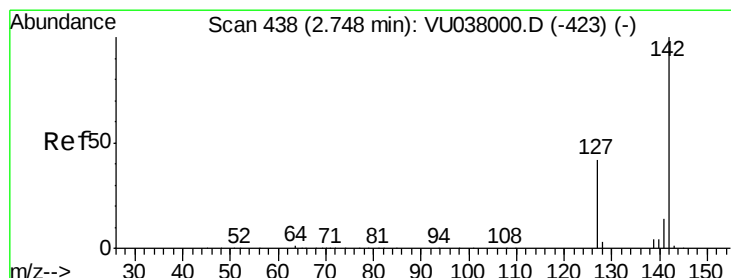
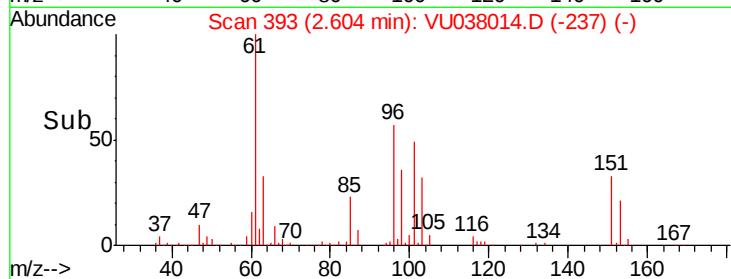
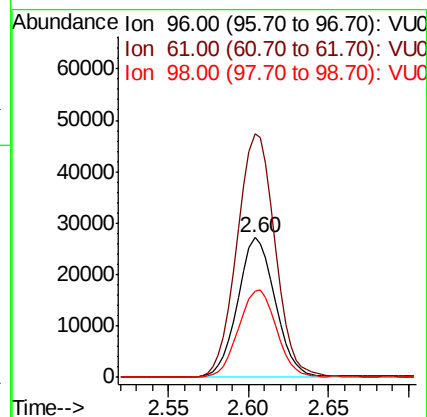
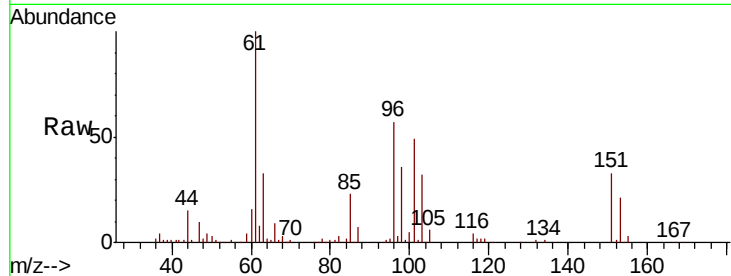




#9
 1,1-Dichloroethene
 Concen: 1.918 ug/l
 RT: 2.60 min Scan# 393
 Delta R.T. 0.00 min
 Lab File: VU038014.D
 Acq: 05 May 2020 13:41

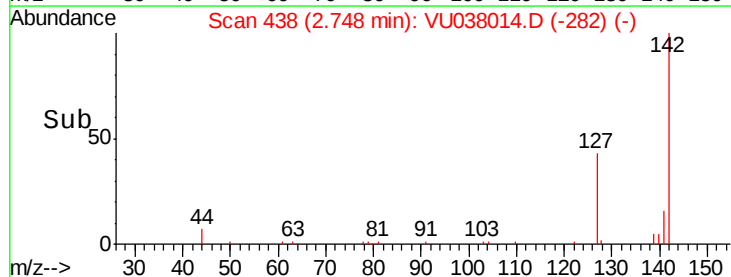
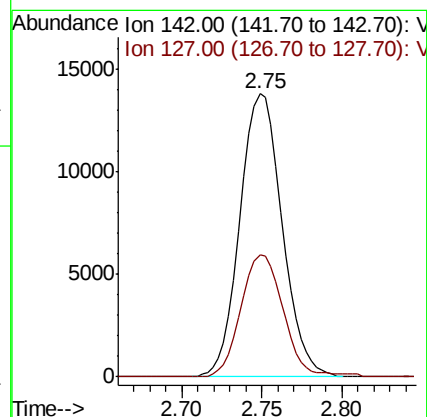
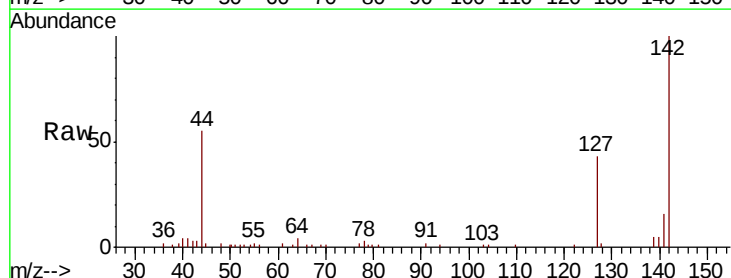
Instrument :
 MSVOA_U
 ClientSampled :

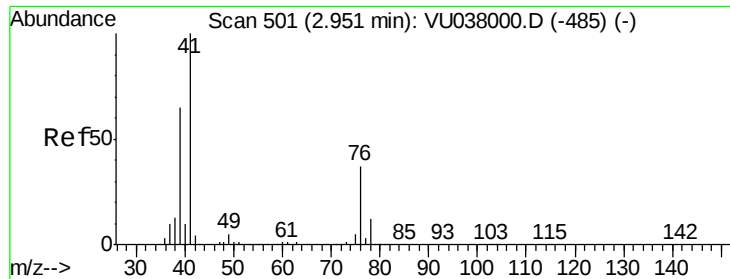
Tot Ion: 96 Resp: 43571
 Ion Ratio Lower Upper
 96 100
 61 174.6 0.0 543.0
 98 62.2 0.0 129.4



#10
 Iodomethane
 Concen: 2.040 ug/l
 RT: 2.75 min Scan# 438
 Delta R.T. 0.00 min
 Lab File: VU038014.D
 Acq: 05 May 2020 13:41

Tgt Ion: 142 Resp: 24834
 Ion Ratio Lower Upper
 142 100
 127 43.0 33.5 50.3

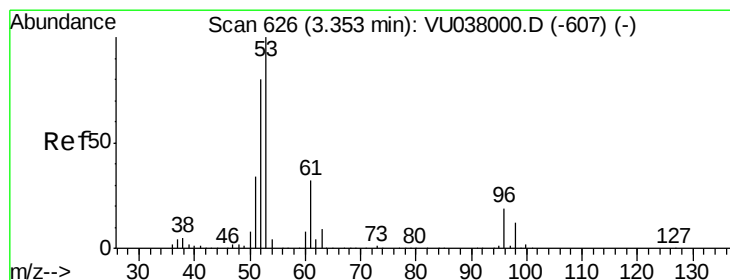
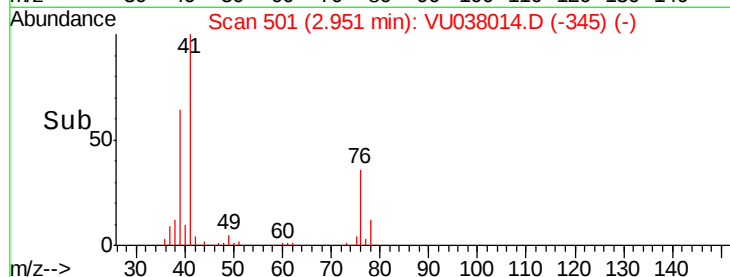
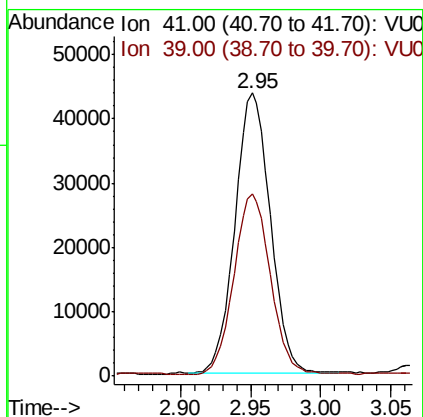
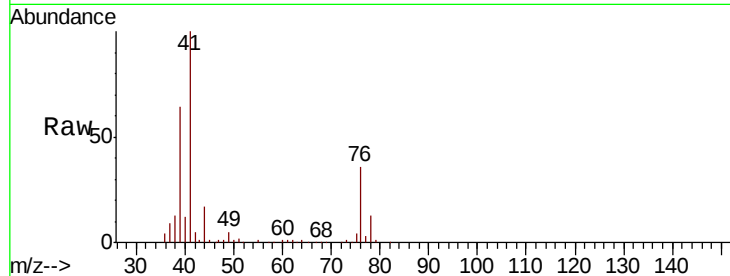




#11
Allvl Chloride
Concen: 1.828 ug/l
RT: 2.95 min Scan# 501
Delta R.T. 0.00 min
Lab File: VU038014.D
Acq: 05 May 2020 13:41

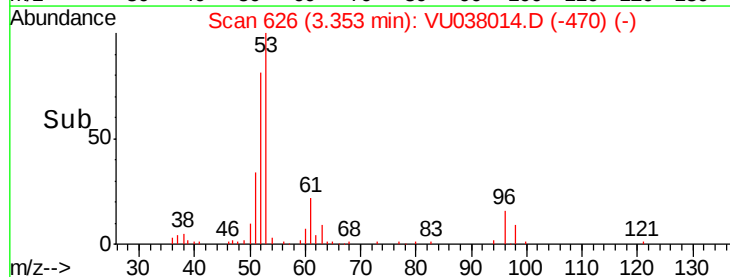
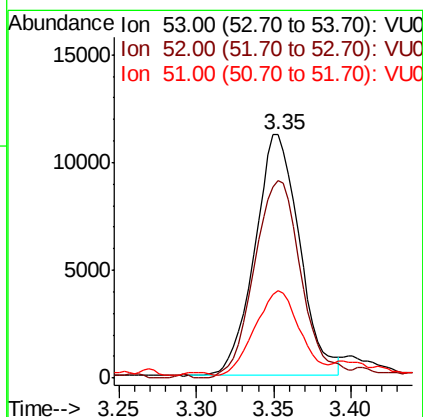
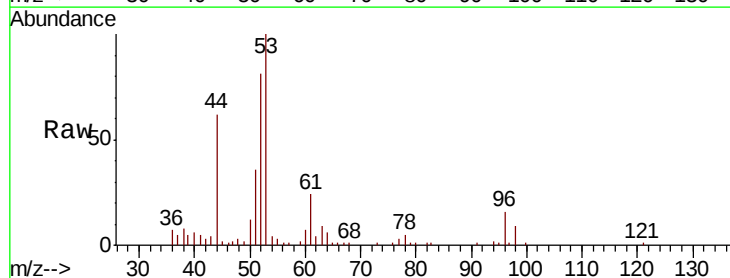
Instrument :
MSVOA_U
ClientSampleId :

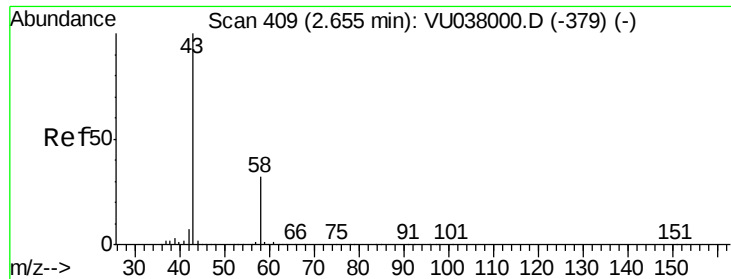
Tot Ion: 41 Resp: 77034
Ion Ratio Lower Upper
41 100
39 66.2 51.7 77.5



#12
Acrylonitrile
Concen: 3.633 ug/l
RT: 3.35 min Scan# 626
Delta R.T. 0.00 min
Lab File: VU038014.D
Acq: 05 May 2020 13:41

Tgt Ion: 53 Resp: 22558
Ion Ratio Lower Upper
53 100
52 85.8 63.3 94.9
51 35.4 30.2 45.2

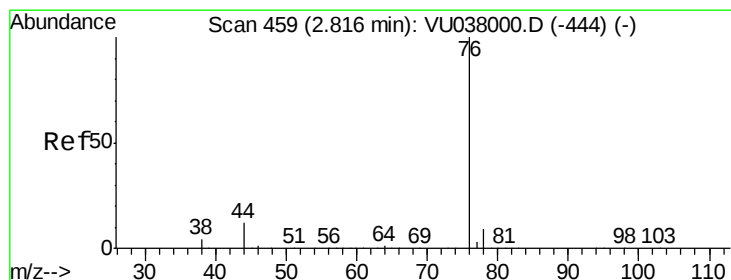
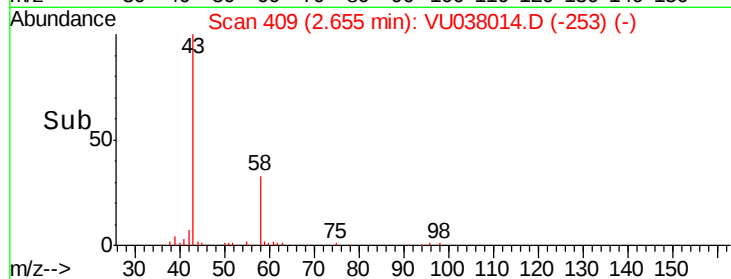
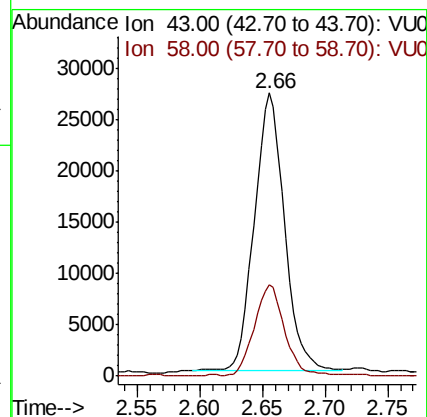
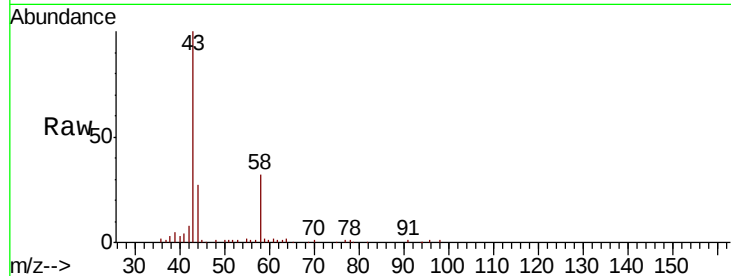




#13
Acetone
Concen: 9.158 ug/l
RT: 2.66 min Scan# 409
Delta R.T. 0.00 min
Lab File: VU038014.D
Acq: 05 May 2020 13:41

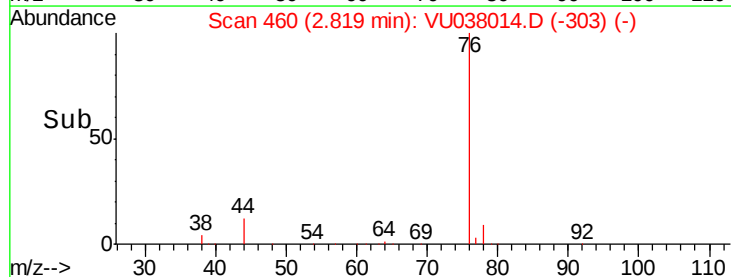
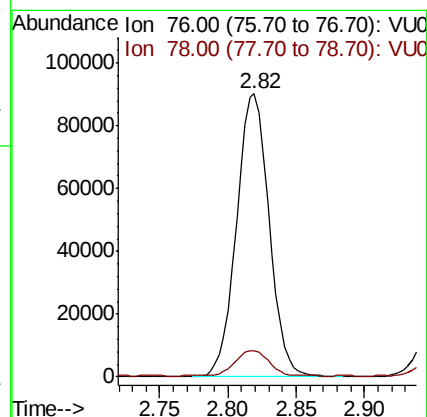
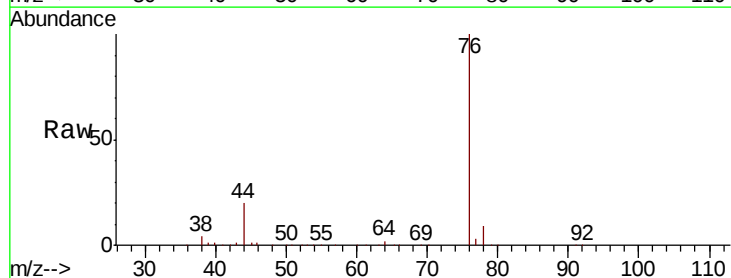
Instrument :
MSVOA_U
ClientSampled :

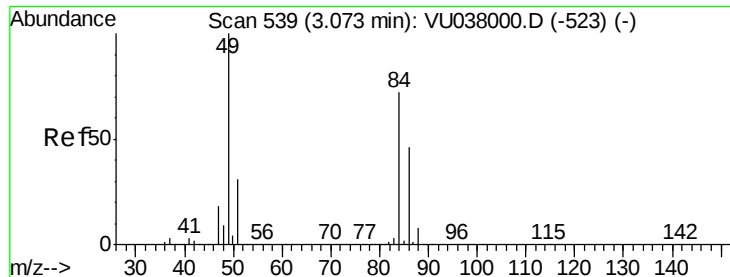
Tot Ion: 43 Resp: 45484
Ion Ratio Lower Upper
43 100
58 33.0 25.2 37.8



#14
Carbon Disulfide
Concen: 1.811 ug/l
RT: 2.82 min Scan# 460
Delta R.T. 0.00 min
Lab File: VU038014.D
Acq: 05 May 2020 13:41

Tgt Ion: 76 Resp: 150175
Ion Ratio Lower Upper
76 100
78 8.5 7.0 10.6

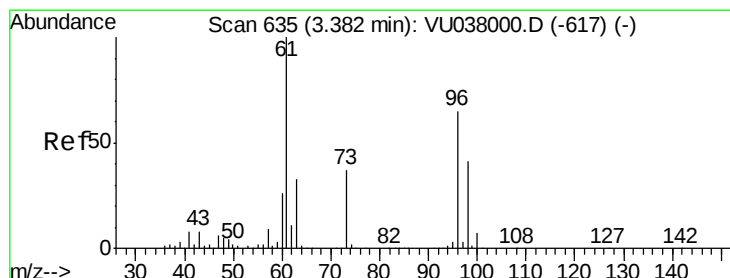
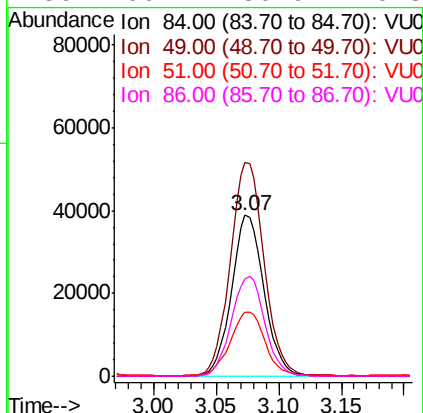
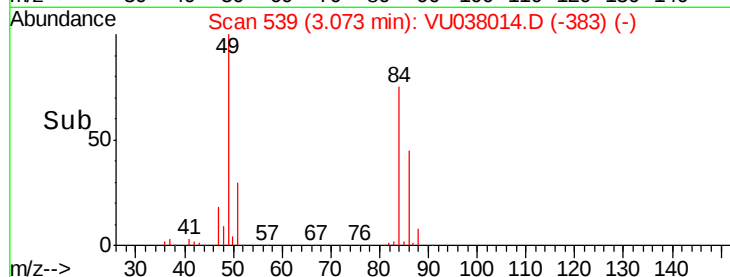
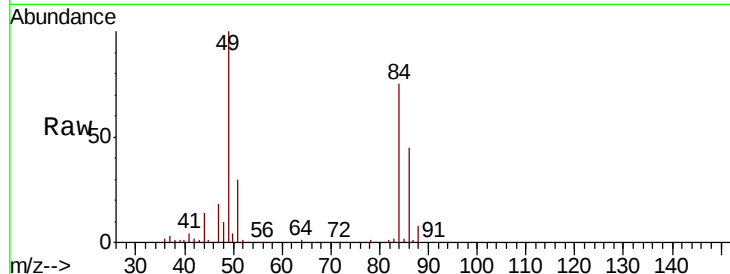




#15
Methvlene Chloride
Concen: 2.375 ug/l
RT: 3.07 min Scan# 539
Delta R.T. 0.00 min
Lab File: VU038014.D
Acq: 05 May 2020 13:41

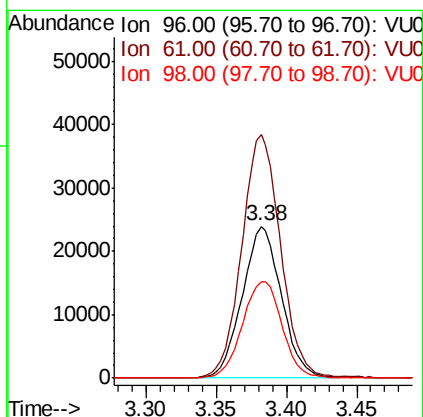
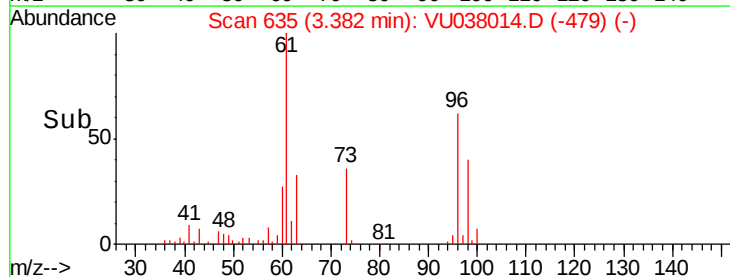
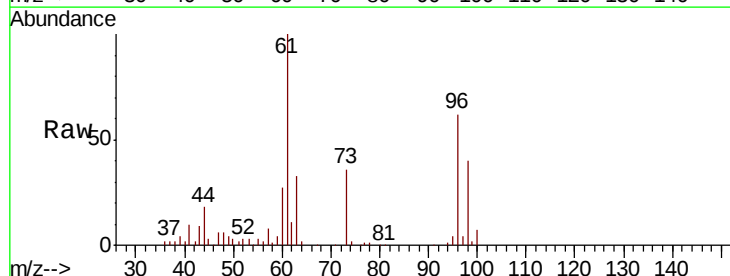
Instrument :
MSVOA_U
ClientSampleId :

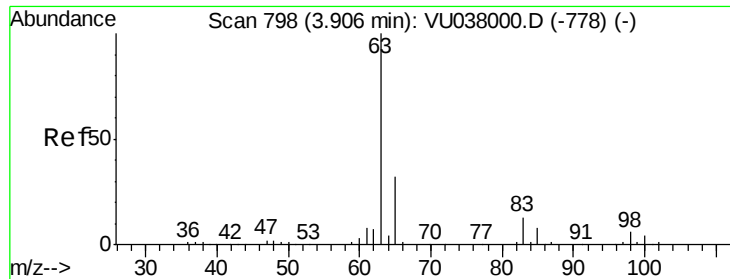
Tot Ion: 84 Resp: 69935
Ion Ratio Lower Upper
84 100
49 132.6 110.6 166.0
51 39.1 0.0 85.4
86 60.4 50.9 76.3



#16
trans-1,2-Dichloroethene
Concen: 1.874 ug/l
RT: 3.38 min Scan# 635
Delta R.T. 0.00 min
Lab File: VU038014.D
Acq: 05 May 2020 13:41

Tgt Ion: 96 Resp: 46586
Ion Ratio Lower Upper
96 100
61 159.9 122.4 183.6
98 63.4 50.1 75.1

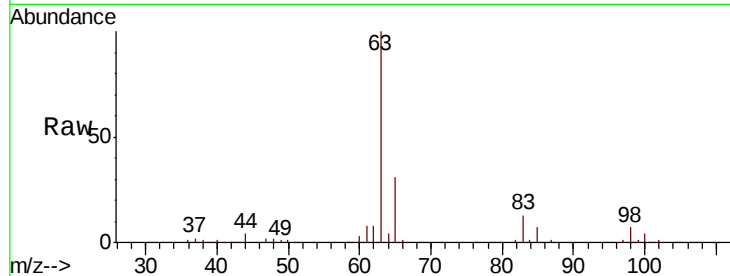




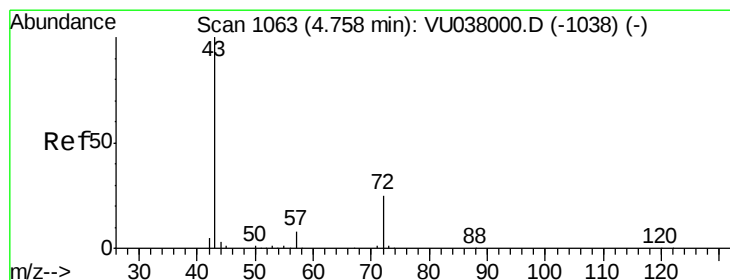
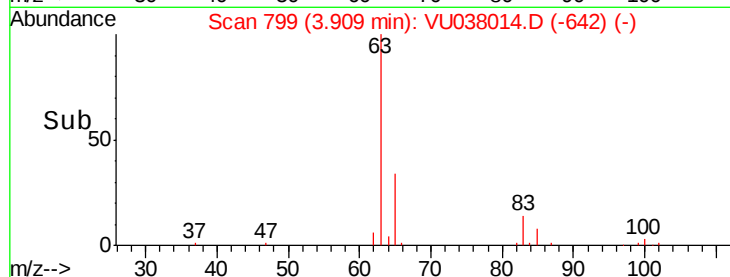
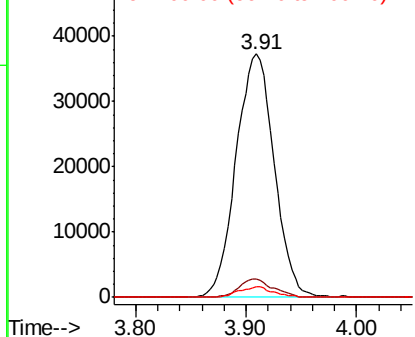
#17
 1,1-Dichloroethane
 Concen: 1.895 ug/l
 RT: 3.91 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: VU038014.D
 Acq: 05 May 2020 13:41

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion: 63 Resp: 89334
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.1 9.4
 100 4.4 2.2 6.6

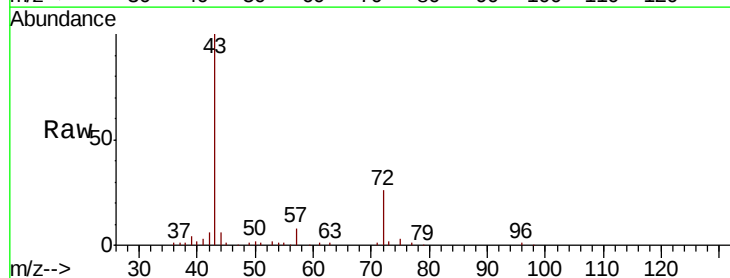


Abundance Ion 63.00 (62.70 to 63.70): VU0
 Ion 98.00 (97.70 to 98.70): VU0
 Ion 100.00 (99.70 to 100.70): VU0

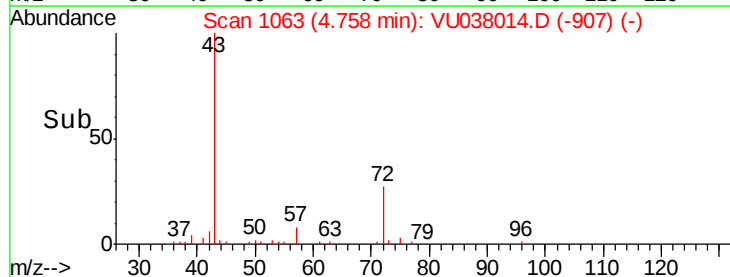
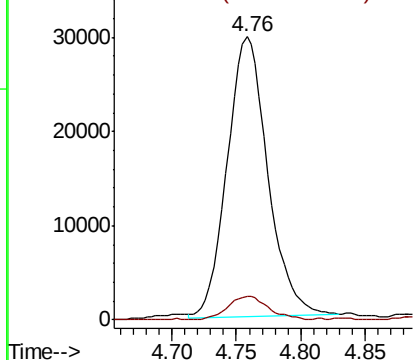


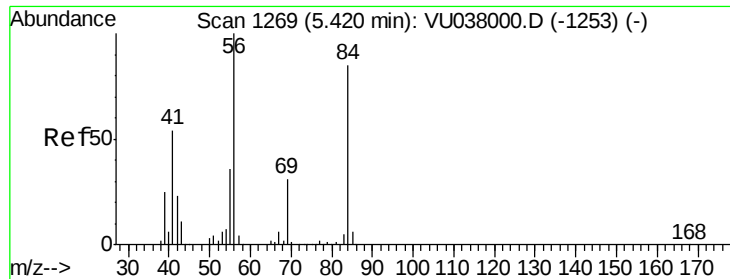
#18
 2-Butanone
 Concen: 8.768 ug/l
 RT: 4.76 min Scan# 1063
 Delta R.T. 0.00 min
 Lab File: VU038014.D
 Acq: 05 May 2020 13:41

Tgt Ion: 43 Resp: 65293
 Ion Ratio Lower Upper
 43 100
 57 8.3 0.0 16.6



Abundance Ion 43.00 (42.70 to 43.70): VU0
 Ion 57.00 (56.70 to 57.70): VU0

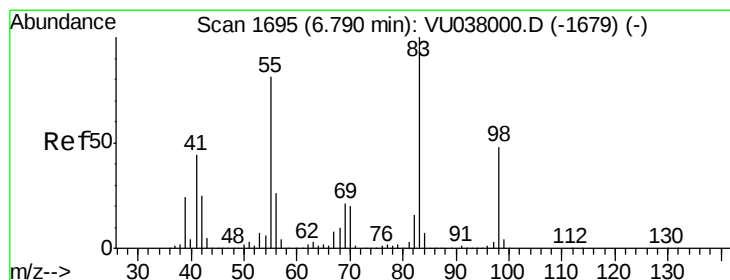
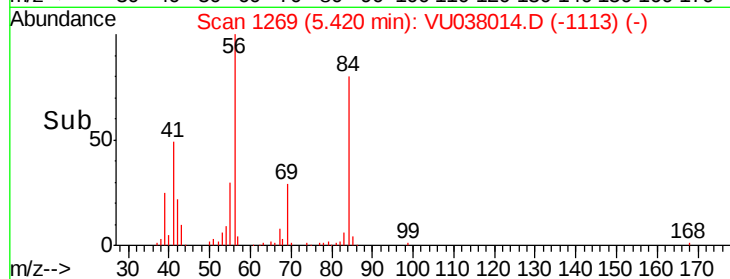
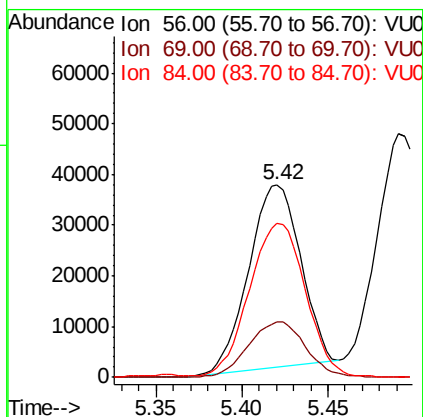
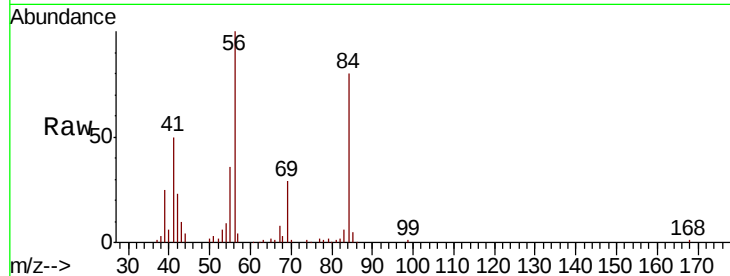




#19
Cyclohexane
Concen: 1.666 ug/l
RT: 5.42 min Scan# 1269
Delta R.T. 0.00 min
Lab File: VU038014.D
Acq: 05 May 2020 13:41

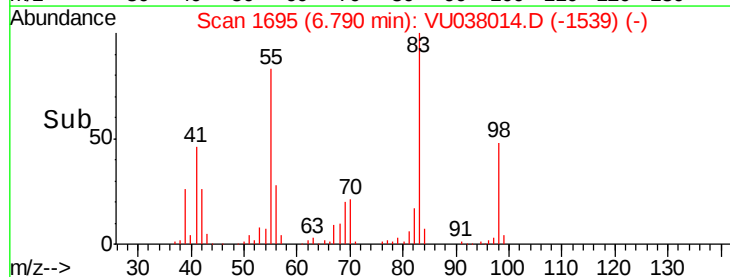
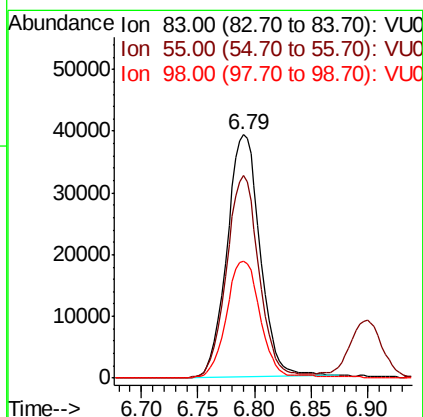
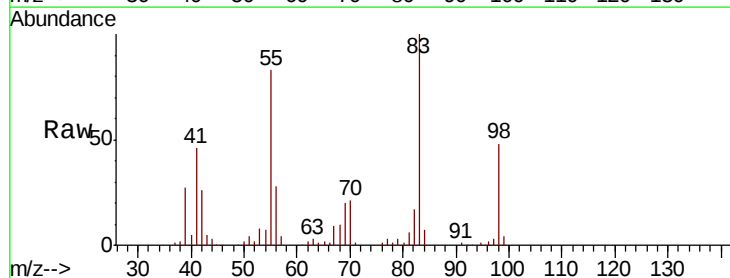
Instrument :
MSVOA_U
ClientSampleId :

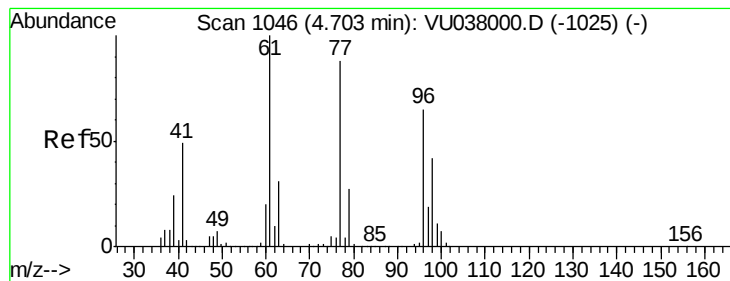
Tot Ion: 56 Resp: 76159
Ion Ratio Lower Upper
56 100
69 33.1 24.3 36.5
84 89.3 66.3 99.5



#20
Methylcyclohexane
Concen: 1.786 ug/l
RT: 6.79 min Scan# 1695
Delta R.T. 0.00 min
Lab File: VU038014.D
Acq: 05 May 2020 13:41

Tgt Ion: 83 Resp: 80038
Ion Ratio Lower Upper
83 100
55 79.7 61.5 92.3
98 48.9 37.3 55.9





#21

2,2-Dichloropropane

Concen: 1.756 ug/l

RT: 4.70 min Scan# 1046

Delta R.T. 0.00 min

Lab File: VU038014.D

Acq: 05 May 2020 13:41

Instrument :

MSVOA_U

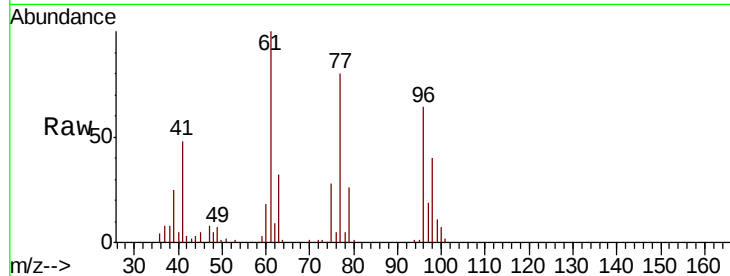
ClientSampleId :

Tot Ion: 77 Resp: 69176

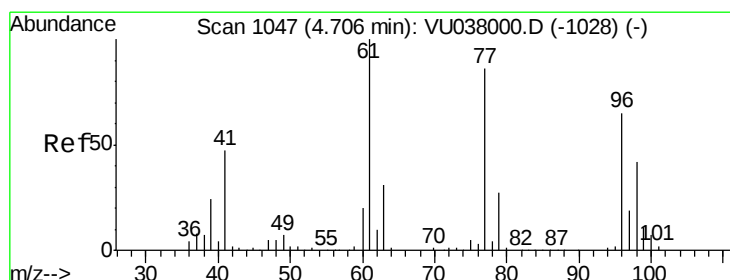
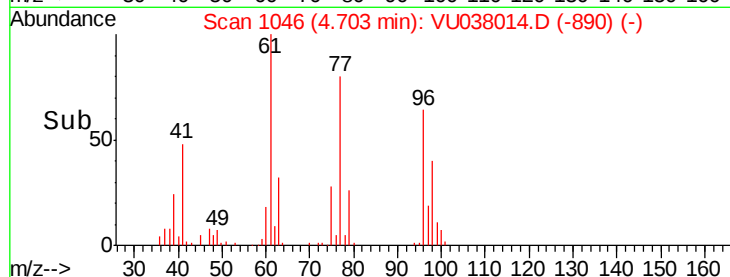
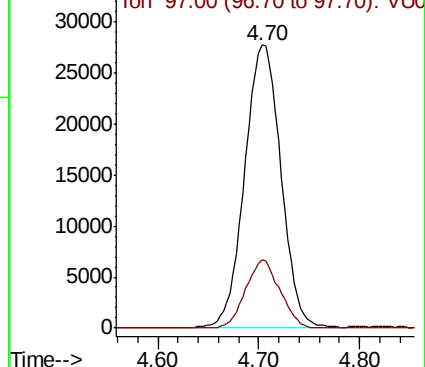
Ion Ratio Lower Upper

77 100

97 22.7 17.4 26.2



Abundance Ion 77.00 (76.70 to 77.70): VU038014.D (-890) (-)



#22

cis-1,2-Dichloroethene

Concen: 1.901 ug/l

RT: 4.71 min Scan# 1047

Delta R.T. 0.00 min

Lab File: VU038014.D

Acq: 05 May 2020 13:41

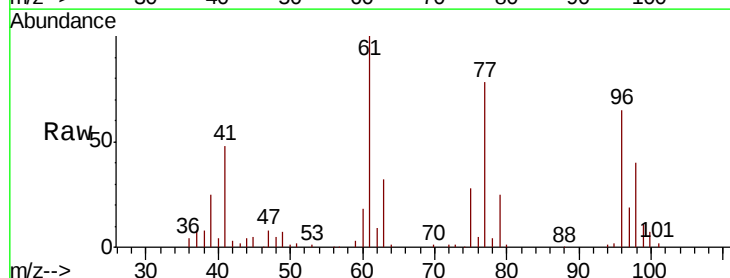
Tgt Ion: 96 Resp: 49942

Ion Ratio Lower Upper

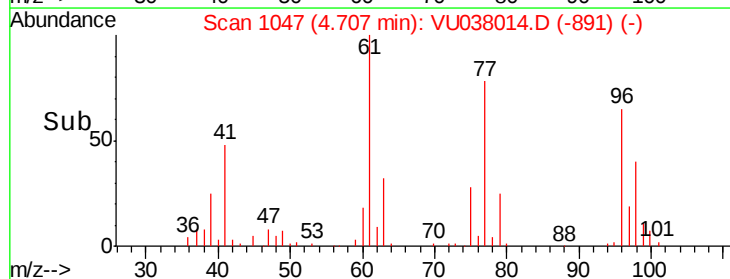
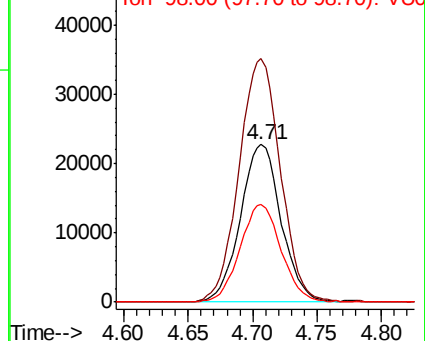
96 100

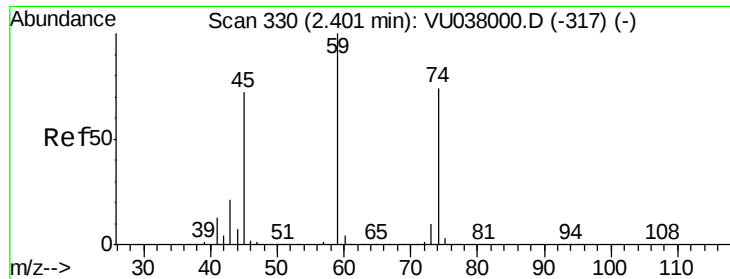
61 157.2 0.0 389.3

98 62.5 32.1 96.3



Abundance Ion 96.00 (95.70 to 96.70): VU038014.D (-891) (-)

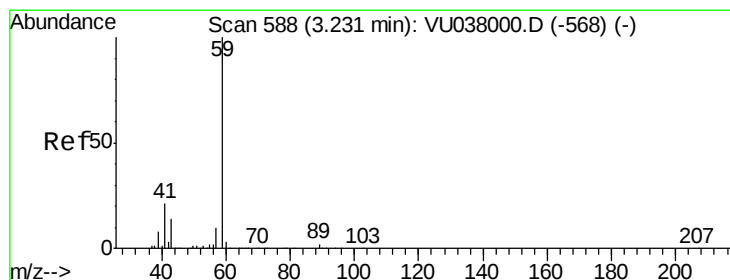
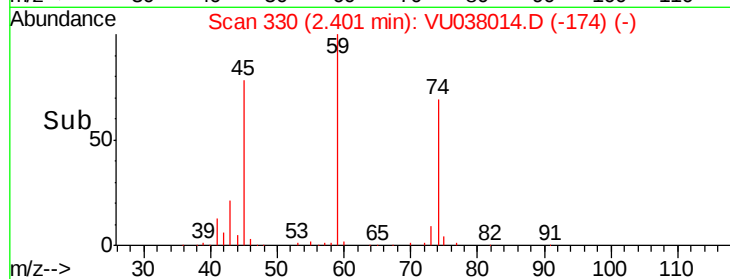
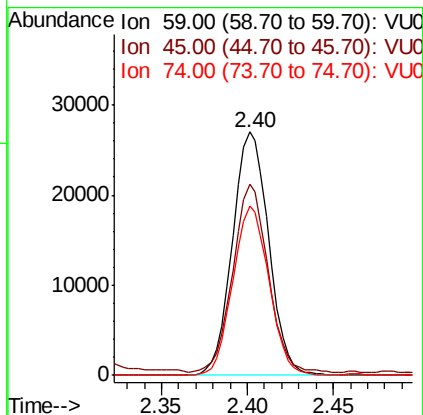
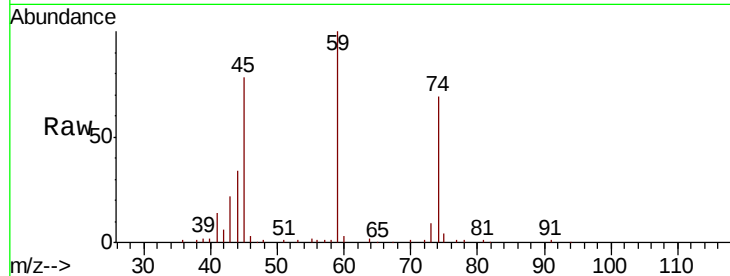




#23
 Diethyl Ether
 Concen: 1.985 ug/l
 RT: 2.40 min Scan# 330
 Delta R.T. 0.00 min
 Lab File: VU038014.D
 Acq: 05 May 2020 13:41

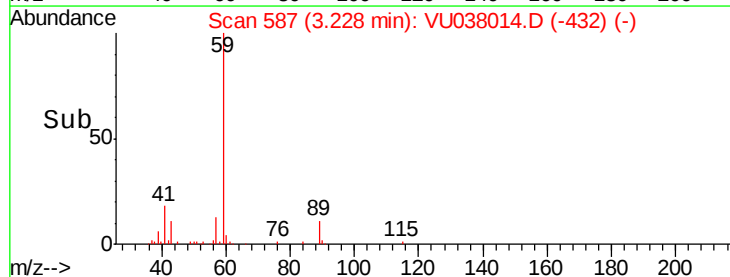
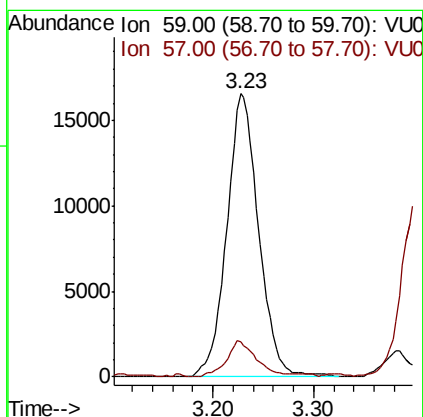
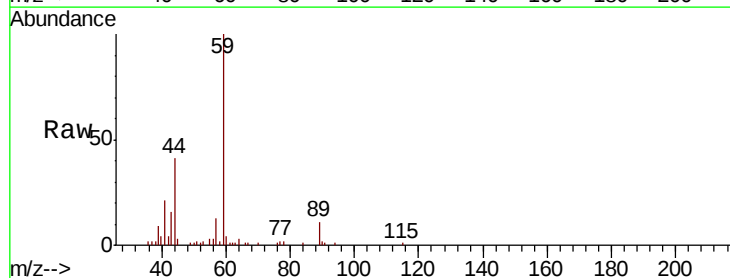
Instrument :
 MSVOA_U
 ClientSampled :

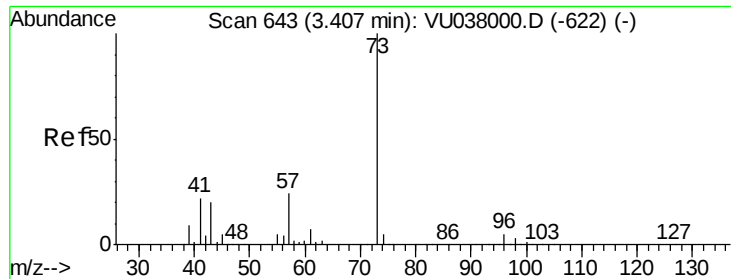
Tot Ion	59.00	Resp	39544
Ion	Ratio	Lower	Upper
59	100		
45	74.7	59.8	89.6
74	69.5	58.2	87.4



#24
 tert-Butyl Alcohol
 Concen: 16.470 ug/l
 RT: 3.23 min Scan# 587
 Delta R.T. -0.00 min
 Lab File: VU038014.D
 Acq: 05 May 2020 13:41

Tgt Ion	59.00	Resp	36408
Ion	Ratio	Lower	Upper
59	100		
57	11.9	8.2	12.4

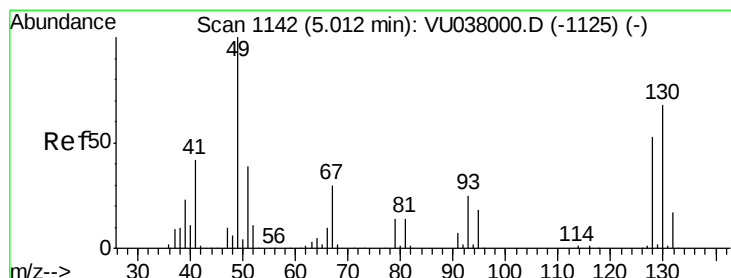
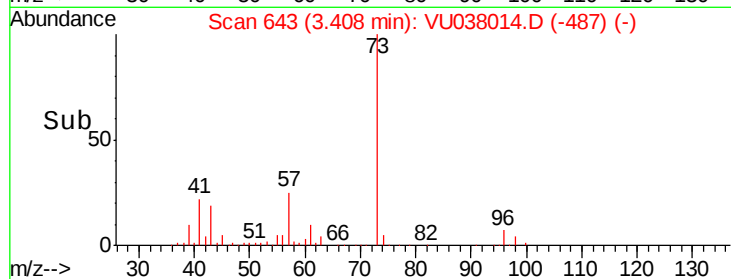
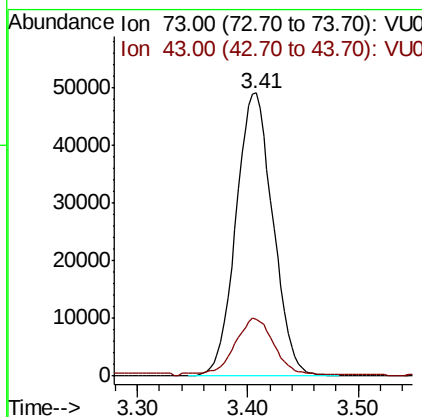
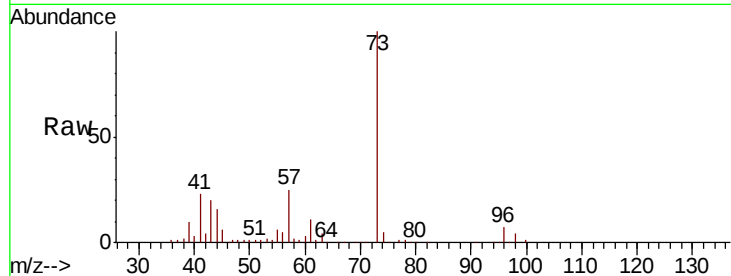




#25
Methvl tert-Butvl Ether
Concen: 1.835 ug/l
RT: 3.41 min Scan# 643
Delta R.T. 0.00 min
Lab File: VU038014.D
Acq: 05 May 2020 13:41

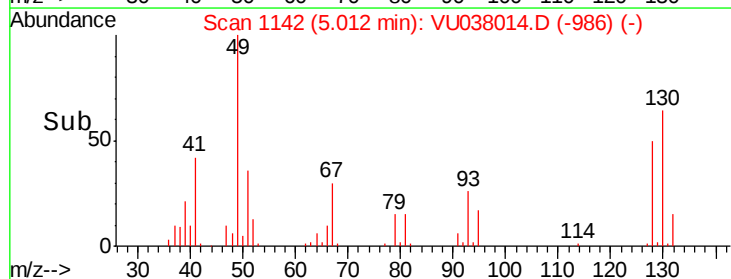
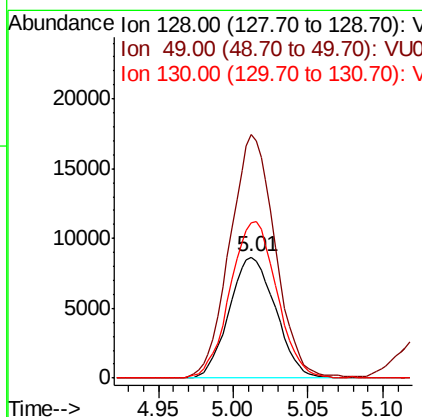
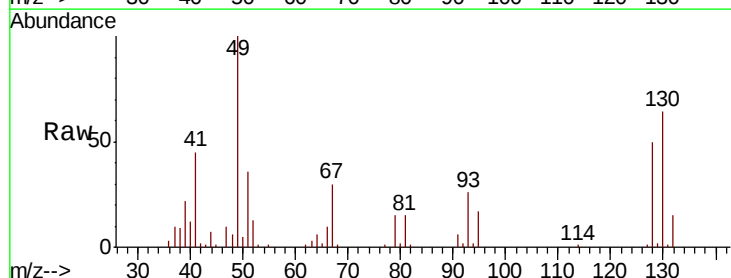
Instrument :
MSVOA_U
ClientSampled :

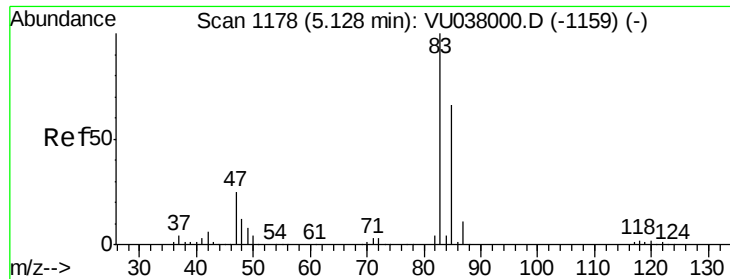
Tot Ion: 73 Resp: 114166
Ion Ratio Lower Upper
73 100
43 22.8 16.2 24.2



#26
Bromochloromethane
Concen: 1.765 ug/l
RT: 5.01 min Scan# 1142
Delta R.T. 0.00 min
Lab File: VU038014.D
Acq: 05 May 2020 13:41

Tgt Ion:128 Resp: 18664
Ion Ratio Lower Upper
128 100
49 196.7 0.0 376.0
130 130.5 102.6 153.8

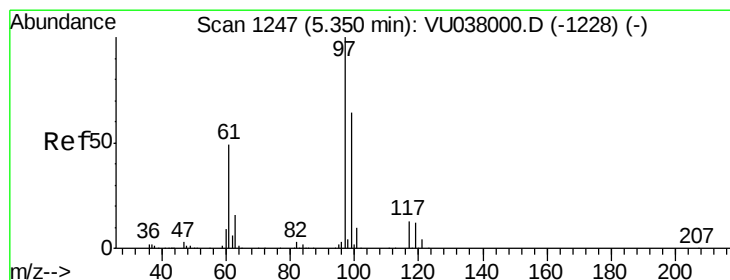
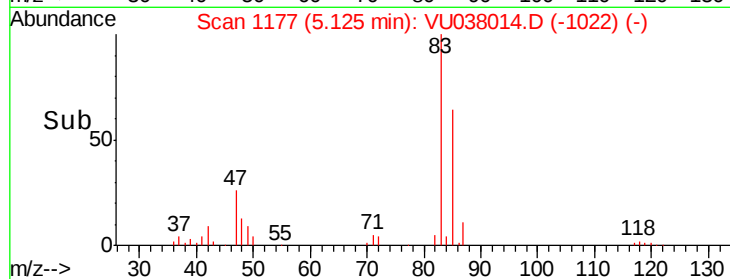
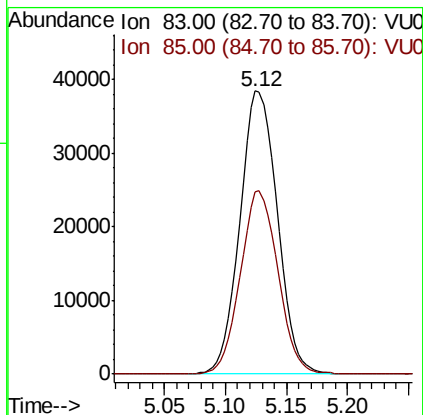
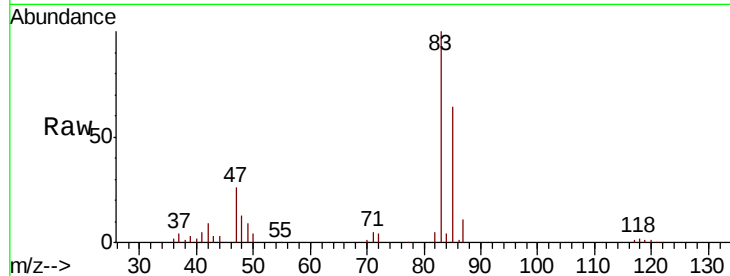




#27
Chloroform
Concen: 1.849 ug/l
RT: 5.12 min Scan# 1177
Delta R.T. -0.00 min
Lab File: VU038014.D
Acq: 05 May 2020 13:41

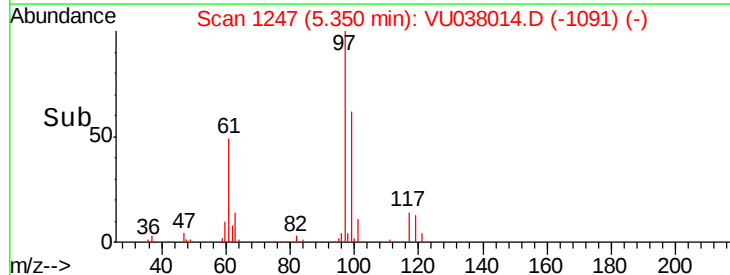
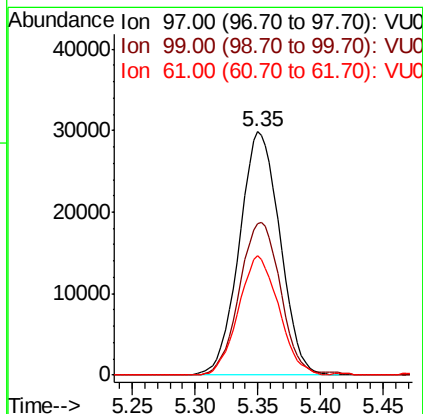
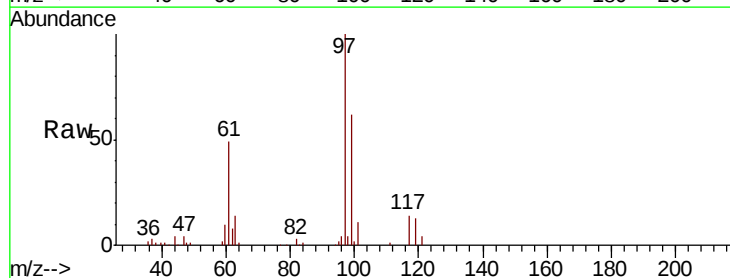
Instrument :
MSVOA_U
ClientSampleId :

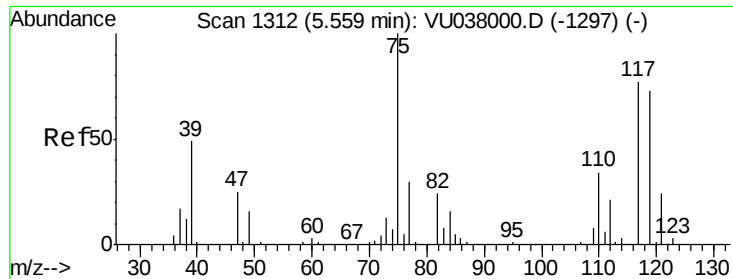
Tot Ion: 83 Resp: 81738
Ion Ratio Lower Upper
83 100
85 64.4 0.0 132.0



#28
1,1,1-Trichloroethane
Concen: 1.846 ug/l
RT: 5.35 min Scan# 1247
Delta R.T. 0.00 min
Lab File: VU038014.D
Acq: 05 May 2020 13:41

Tgt Ion: 97 Resp: 67254
Ion Ratio Lower Upper
97 100
99 63.2 31.9 95.9
61 48.5 24.1 72.4

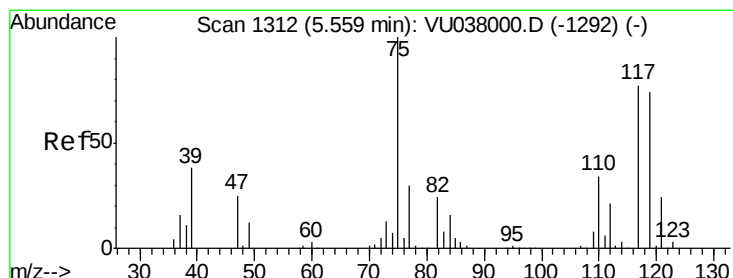
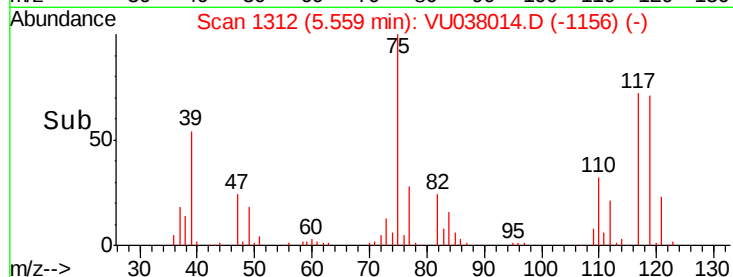
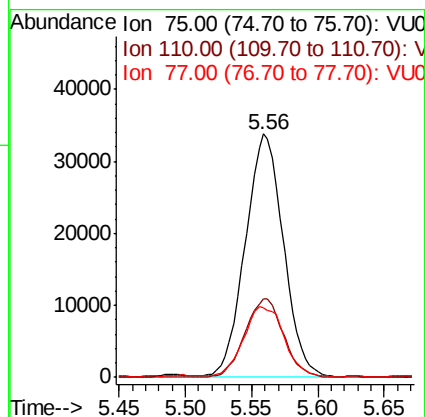
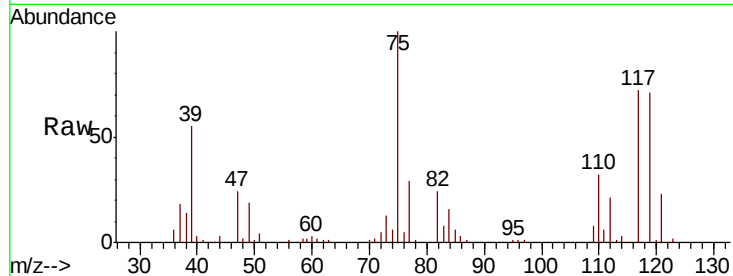




#29
 1,1-Dichloropropene
 Concen: 1.857 ug/l
 RT: 5.56 min Scan# 1312
 Delta R.T. 0.00 min
 Lab File: VU038014.D
 Acq: 05 May 2020 13:41

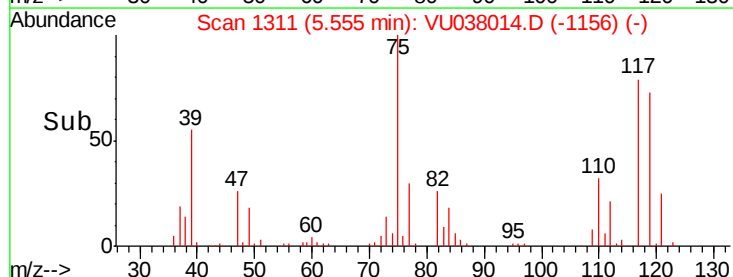
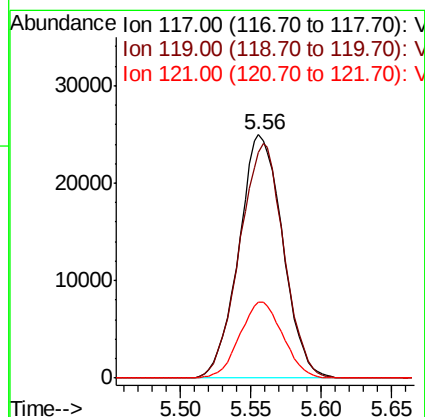
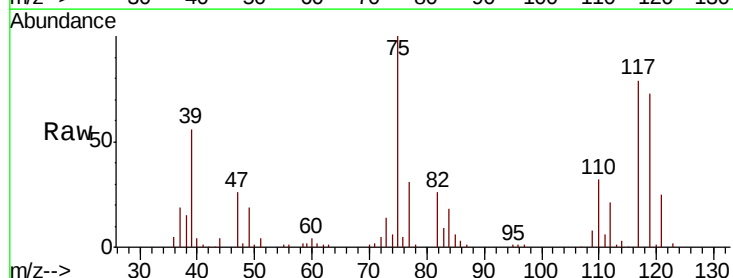
Instrument :
 MSVOA_U
 ClientSampleId :

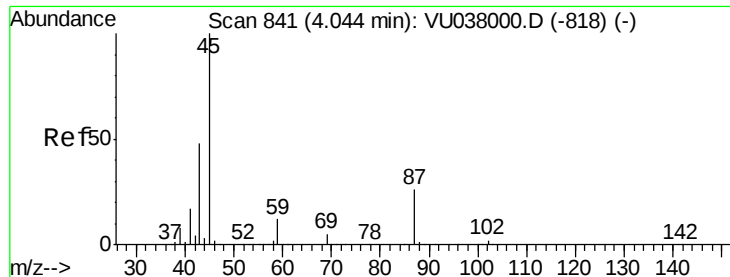
Tot Ion: 75 Resp: 68090
 Ion Ratio Lower Upper
 75 100
 110 32.5 16.7 50.1
 77 30.0 24.5 36.7



#30
 Carbon Tetrachloride
 Concen: 1.783 ug/l
 RT: 5.56 min Scan# 1311
 Delta R.T. -0.00 min
 Lab File: VU038014.D
 Acq: 05 May 2020 13:41

Tgt Ion: 117 Resp: 54357
 Ion Ratio Lower Upper
 117 100
 119 92.7 76.3 114.5
 121 31.3 24.7 37.1





#31

Isopropyl Ether

Concen: 1.803 ug/l

RT: 4.04 min Scan# 841

Delta R.T. 0.00 min

Lab File: VU038014.D

Acq: 05 May 2020 13:41

Instrument :

MSVOA_U

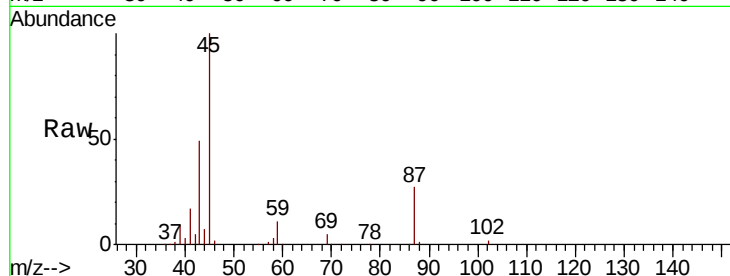
ClientSampleId :

Tot Ion: 45 Resp: 139866

Ion Ratio Lower Upper

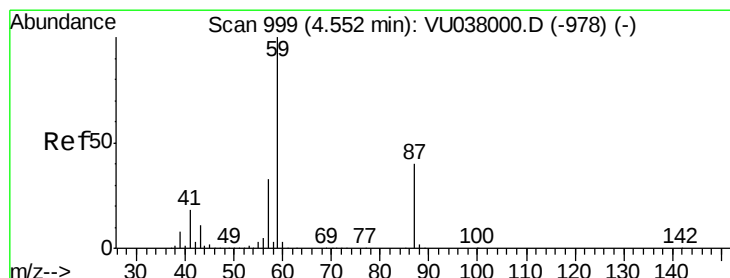
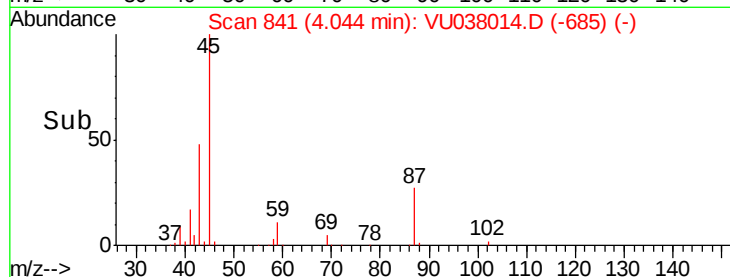
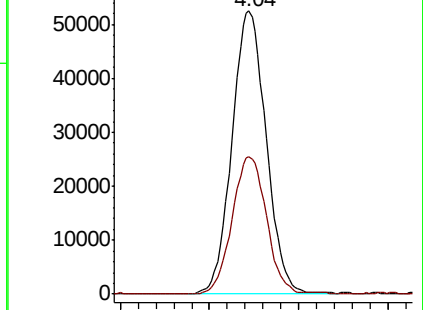
45 100

43 49.0 24.2 72.6



Abundance Ion 45.00 (44.70 to 45.70): VU038014.D (-843) (-)

Ion 43.00 (42.70 to 43.70): VU038014.D (-843) (-)



#32

Ethyl-t-butyl ether

Concen: 1.741 ug/l

RT: 4.55 min Scan# 999

Delta R.T. 0.00 min

Lab File: VU038014.D

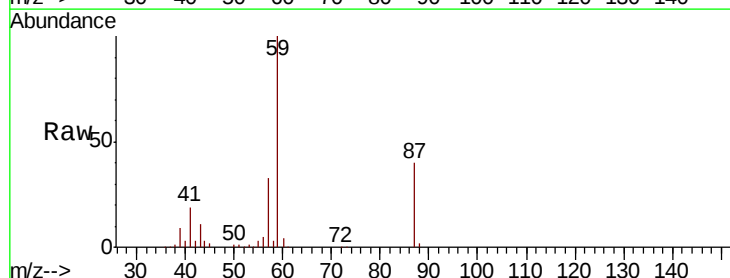
Acq: 05 May 2020 13:41

Tgt Ion: 59 Resp: 121923

Ion Ratio Lower Upper

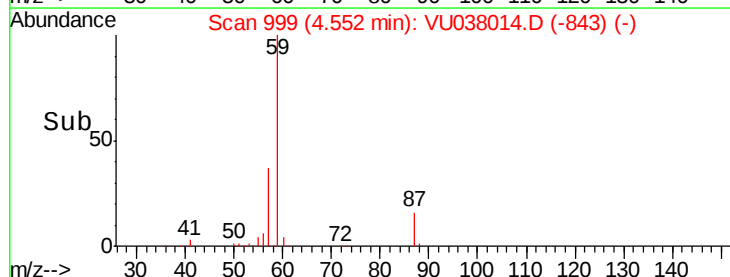
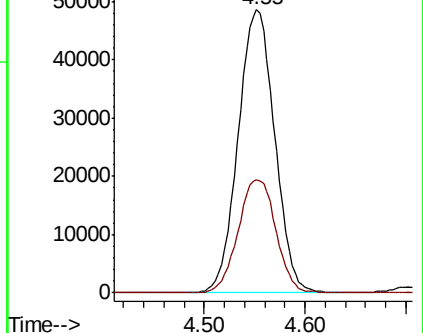
59 100

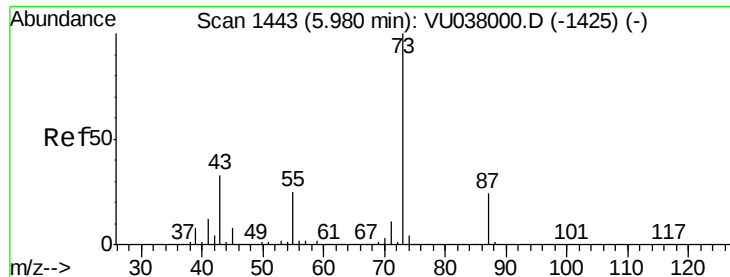
87 41.2 32.4 48.6



Abundance Ion 59.00 (58.70 to 59.70): VU038014.D (-843) (-)

Ion 87.00 (86.70 to 87.70): VU038014.D (-843) (-)

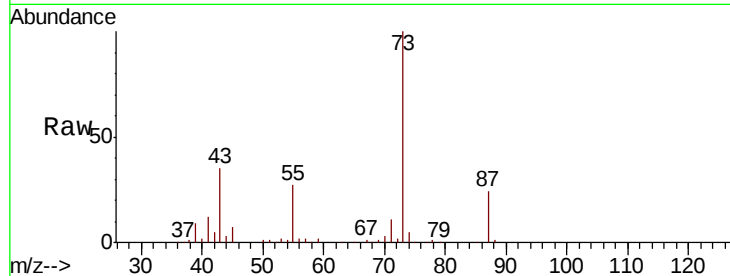




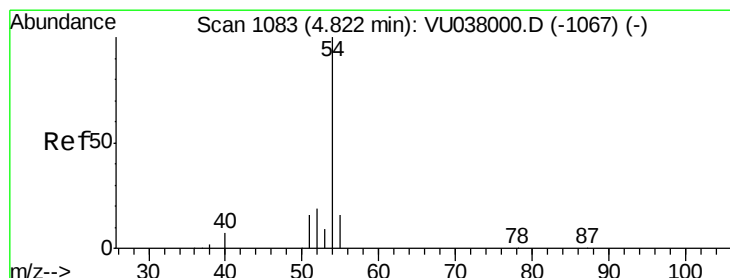
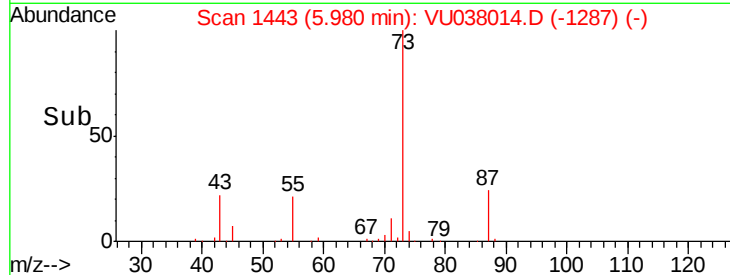
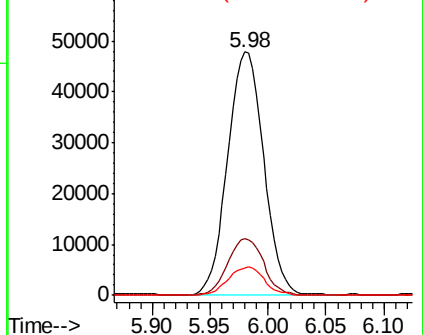
#33
Tert-Butyl methyl ether
Concen: 1.708 ug/l
RT: 5.98 min Scan# 1443
Delta R.T. 0.00 min
Lab File: VU038014.D
Acq: 05 May 2020 13:41

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 73 Resp: 103103
Ion Ratio Lower Upper
73 100
87 23.2 18.9 28.3
71 11.7 9.1 13.7

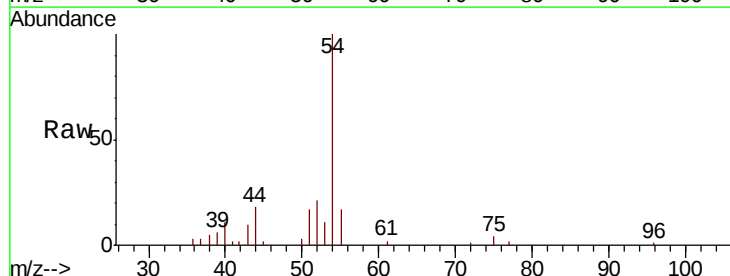


Abundance Ion 73.00 (72.70 to 73.70): VU0
Ion 87.00 (86.70 to 87.70): VU0
Ion 71.00 (70.70 to 71.70): VU0

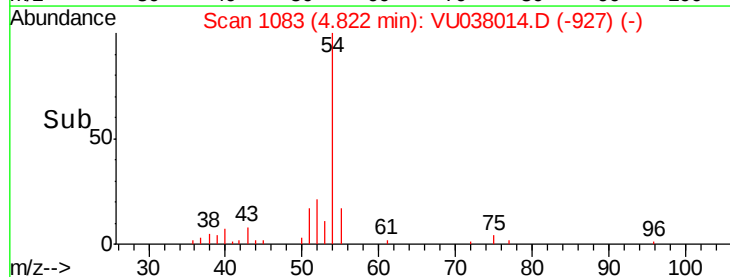
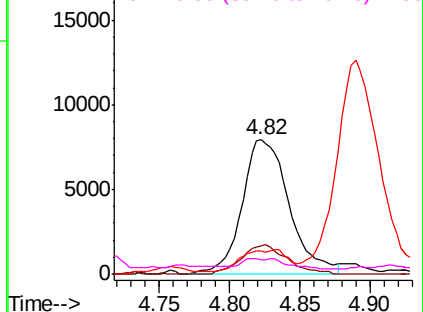


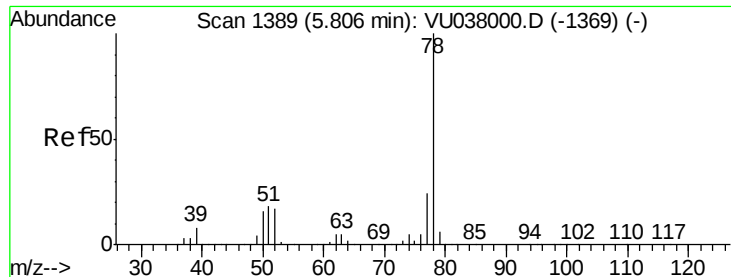
#34
Propionitrile
Concen: 8.704 ug/l
RT: 4.82 min Scan# 1083
Delta R.T. 0.00 min
Lab File: VU038014.D
Acq: 05 May 2020 13:41

Tgt Ion: 54 Resp: 18558
Ion Ratio Lower Upper
54 100
52 21.0 15.8 23.8
55 8.8 13.2 19.8#
40 2.5 5.2 7.8#



Abundance Ion 54.00 (53.70 to 54.70): VU0
Ion 52.00 (51.70 to 52.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 40.00 (39.70 to 40.70): VU0





#35

Benzene

Concen: 1.882 ug/l

RT: 5.81 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VU038014.D

Acq: 05 May 2020 13:41

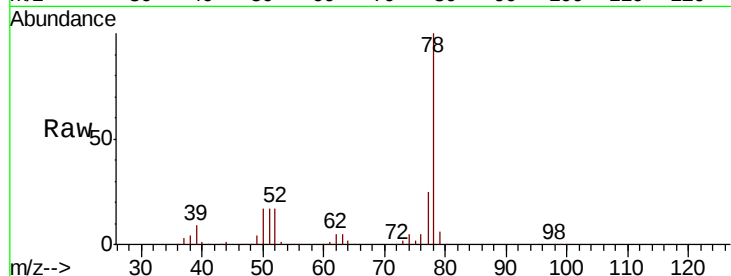
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 78 Resp: 193088

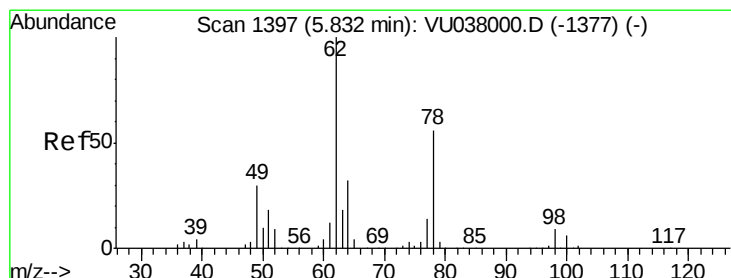
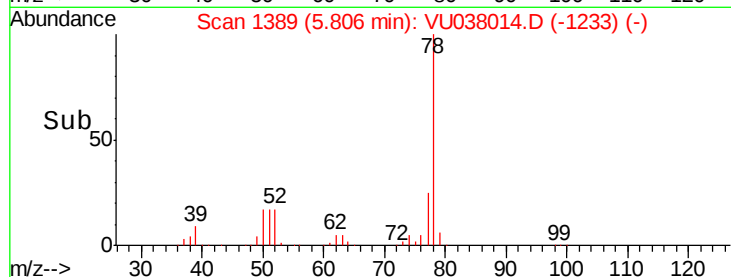
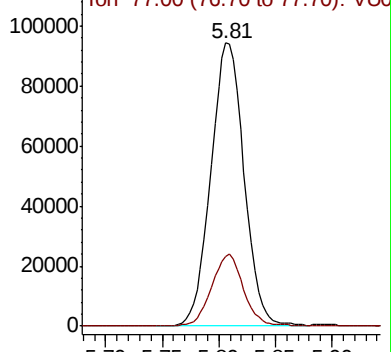
Ion Ratio Lower Upper

78 100

77 24.8 19.3 28.9



Abundance Ion 78.10 (77.80 to 78.80): VU038014.D (-1233) (-)



#36

1,2-Dichloroethane

Concen: 1.919 ug/l

RT: 5.83 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VU038014.D

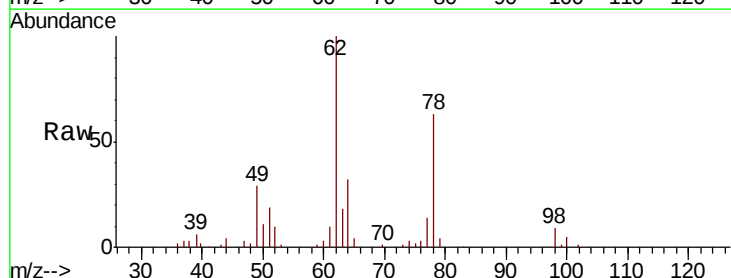
Acq: 05 May 2020 13:41

Tgt Ion: 62 Resp: 58238

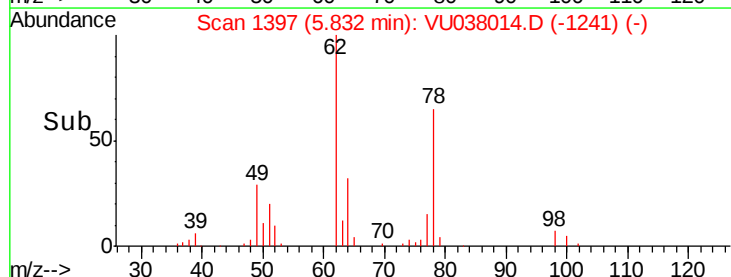
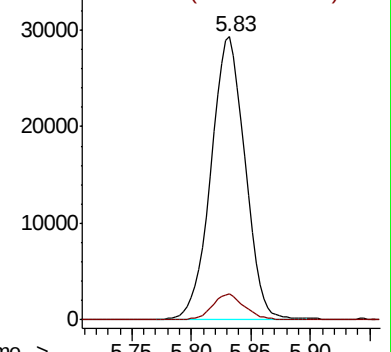
Ion Ratio Lower Upper

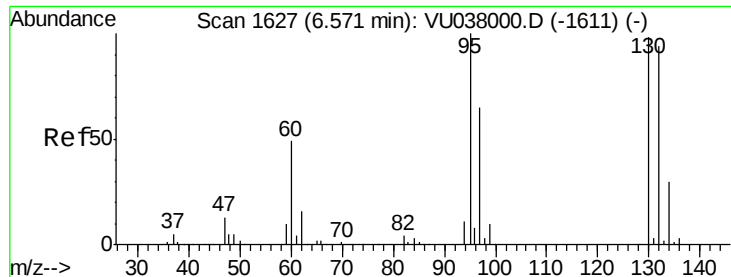
62 100

98 8.5 7.3 10.9



Abundance Ion 62.00 (61.70 to 62.70): VU038014.D (-1241) (-)

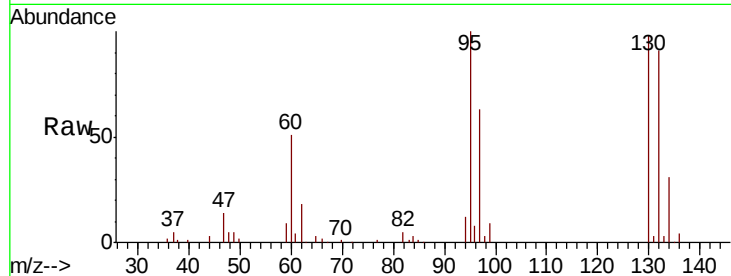




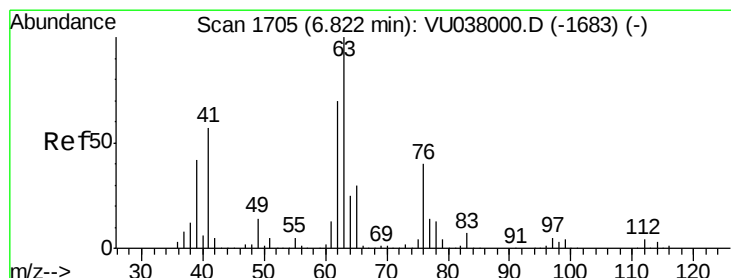
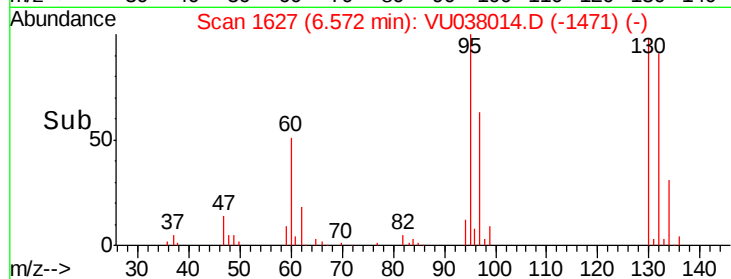
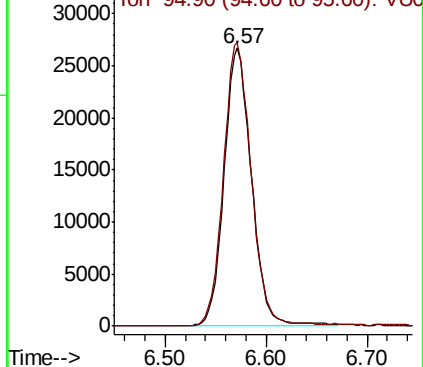
#37
 Trichloroethene
 Concen: 1.885 ug/l
 RT: 6.57 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VU038014.D
 Acq: 05 May 2020 13:41

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion:130 Resp: 50778
 Ion Ratio Lower Upper
 130 100
 95 102.0 81.6 122.4

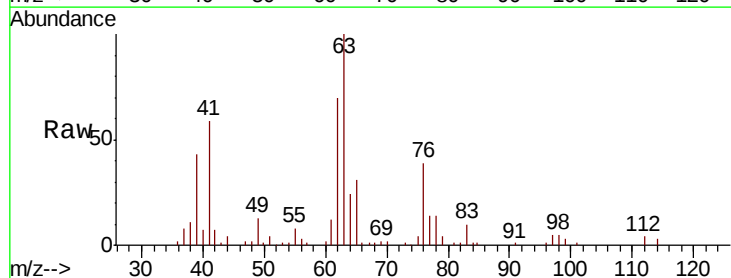


Abundance Ion 129.90 (129.60 to 130.60): VU038014.D (-1471) (-)
 Ion 94.90 (94.60 to 95.60): VU038014.D (-1471) (-)

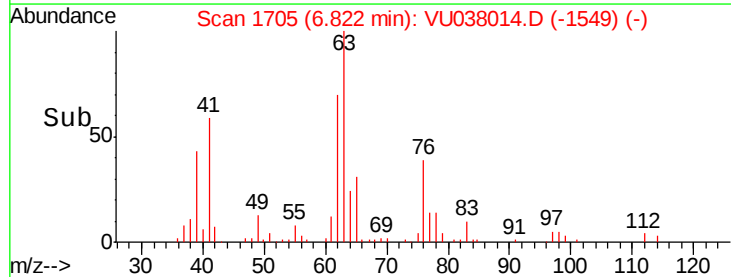
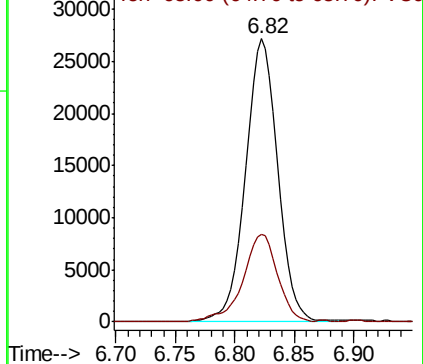


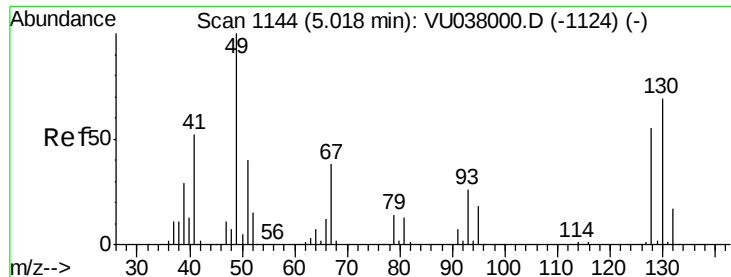
#38
 1,2-Dichloropropane
 Concen: 1.851 ug/l
 RT: 6.82 min Scan# 1705
 Delta R.T. 0.00 min
 Lab File: VU038014.D
 Acq: 05 May 2020 13:41

Tgt Ion: 63 Resp: 51094
 Ion Ratio Lower Upper
 63 100
 65 30.8 24.1 36.1



Abundance Ion 63.00 (62.70 to 63.70): VU038014.D (-1549) (-)
 Ion 65.00 (64.70 to 65.70): VU038014.D (-1549) (-)

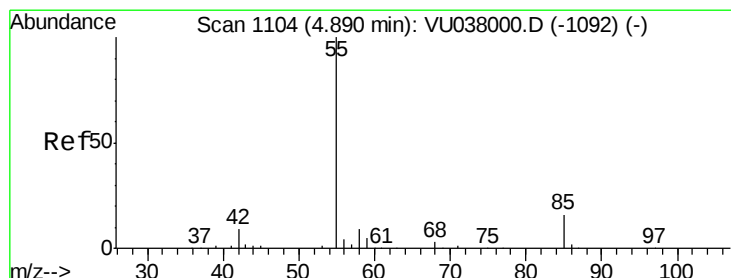
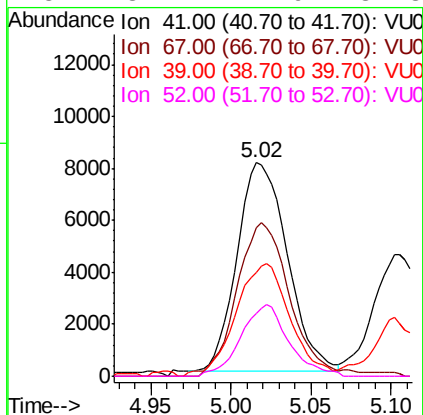
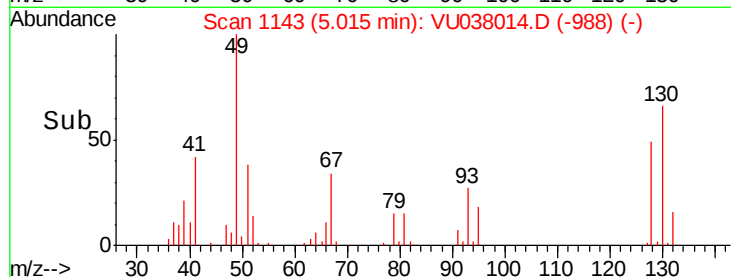
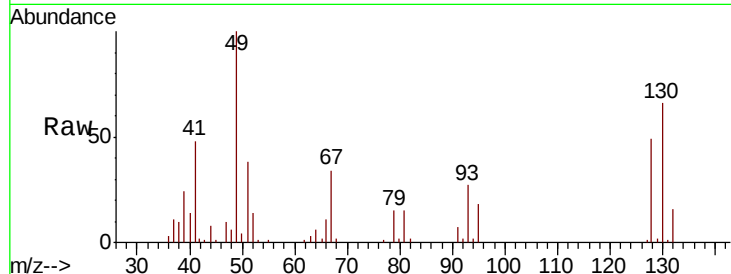




#39
Methacrylonitrile
Concen: 1.734 ug/l
RT: 5.02 min Scan# 1143
Delta R.T. -0.00 min
Lab File: VU038014.D
Acq: 05 May 2020 13:41

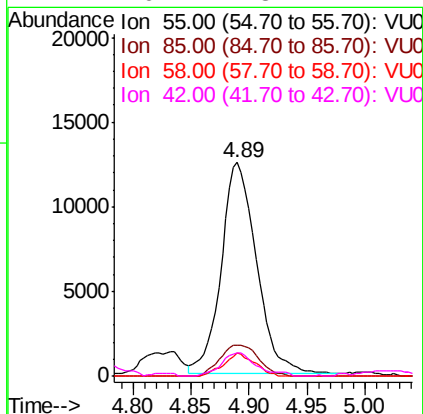
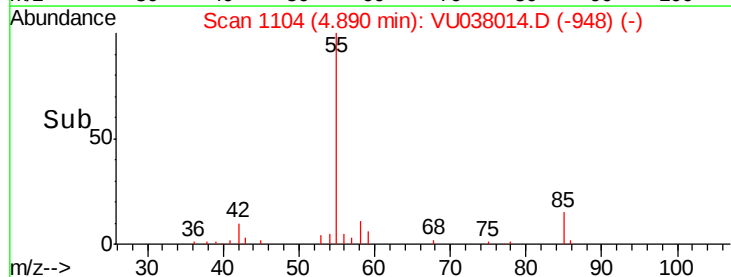
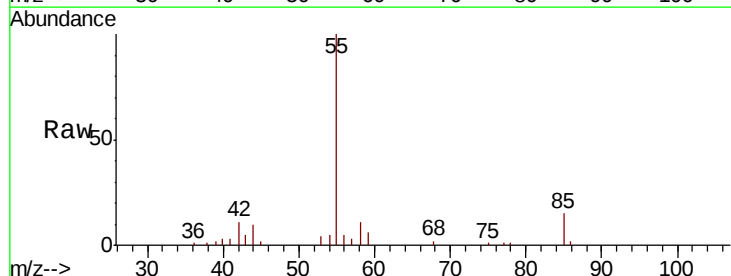
Instrument :
MSVOA_U
ClientSampled :

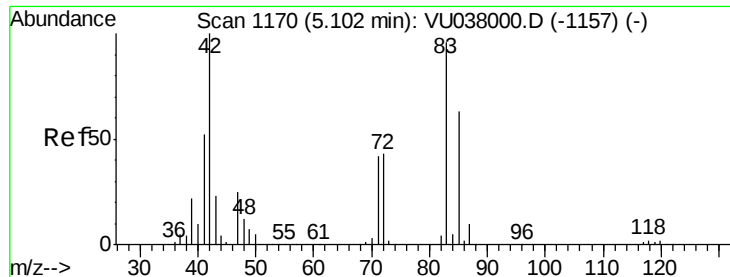
Tot Ion:	41	Resp:	17322
Ion	Ratio	Lower	Upper
41	100		
67	77.5	58.0	87.0
39	58.0	43.2	64.8
52	32.7	22.9	34.3



#40
Methyl acrylate
Concen: 1.807 ug/l
RT: 4.89 min Scan# 1104
Delta R.T. 0.00 min
Lab File: VU038014.D
Acq: 05 May 2020 13:41

Tgt Ion:	55	Resp:	26598
Ion	Ratio	Lower	Upper
55	100		
85	15.8	12.9	19.3
58	9.2	7.2	10.8
42	10.2	8.1	12.1

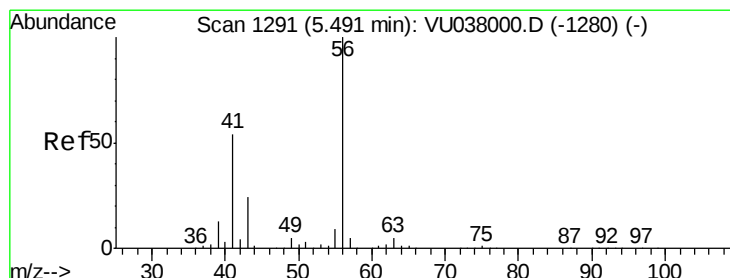
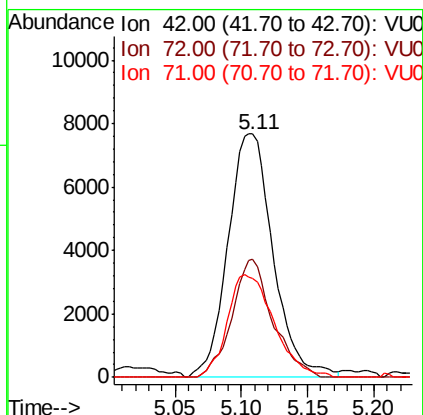
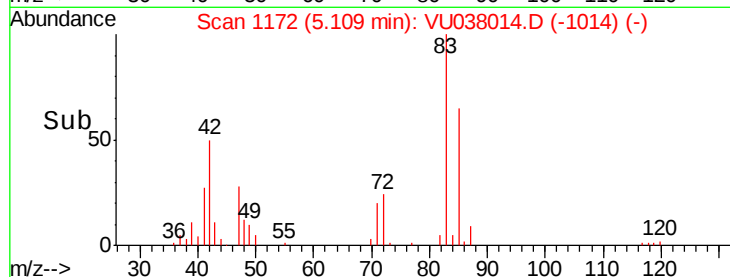
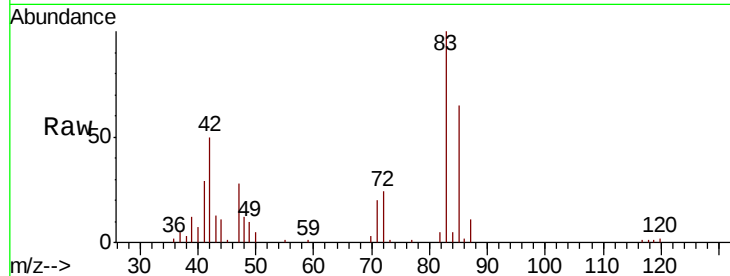




#41
Tetrahydrofuran
Concen: 3.654 ug/l
RT: 5.11 min Scan# 1172
Delta R.T. 0.01 min
Lab File: VU038014.D
Acq: 05 May 2020 13:41

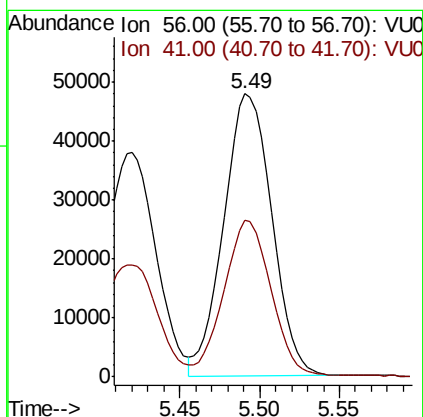
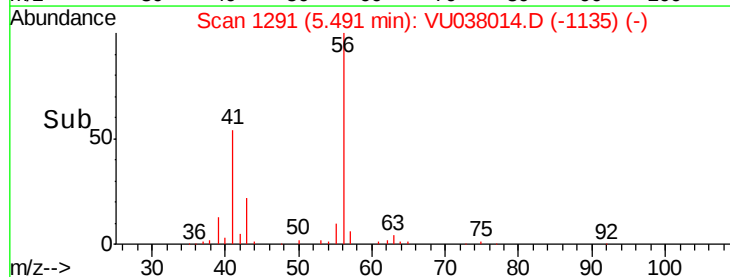
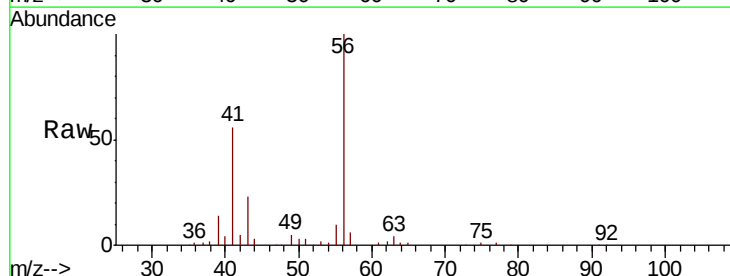
Instrument :
MSVOA_U
ClientSampleId :

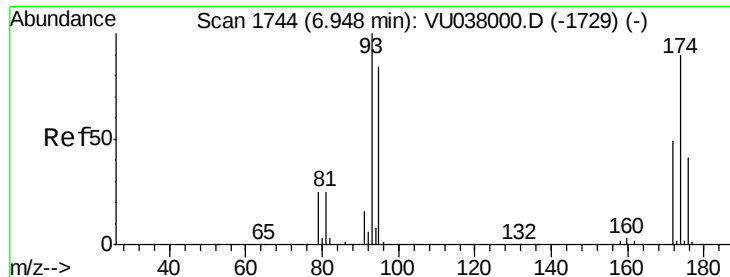
Tot Ion: 42 Resp: 18202
Ion Ratio Lower Upper
42 100
72 43.8 37.4 56.2
71 43.6 32.8 49.2



#42
1-Chlorobutane
Concen: 1.860 ug/l
RT: 5.49 min Scan# 1291
Delta R.T. 0.00 min
Lab File: VU038014.D
Acq: 05 May 2020 13:41

Tgt Ion: 56 Resp: 98237
Ion Ratio Lower Upper
56 100
41 53.6 26.8 80.4





#43

Dibromomethane

Concen: 1.817 ug/l

RT: 6.95 min Scan# 1744

Delta R.T. 0.00 min

Lab File: VU038014.D

Acq: 05 May 2020 13:41

Instrument :
MSVOA_U
ClientSampleId :

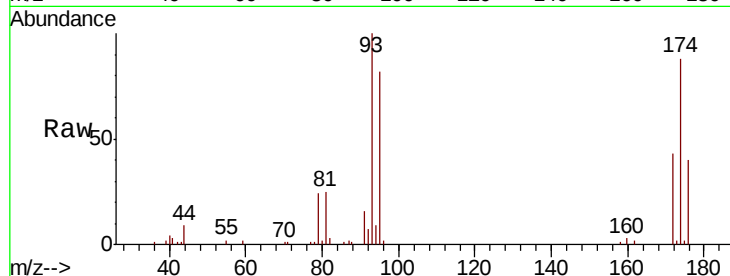
Tot Ion: 93 Resp: 23366

Ion Ratio Lower Upper

93 100

95 82.6 66.1 99.1

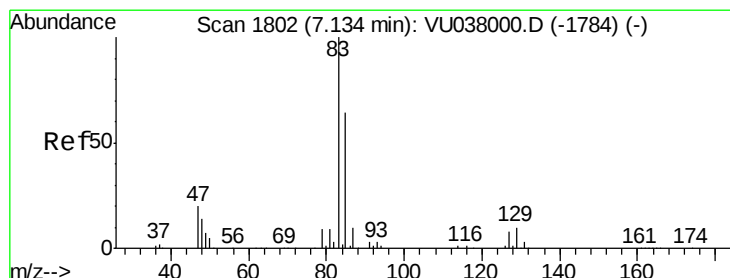
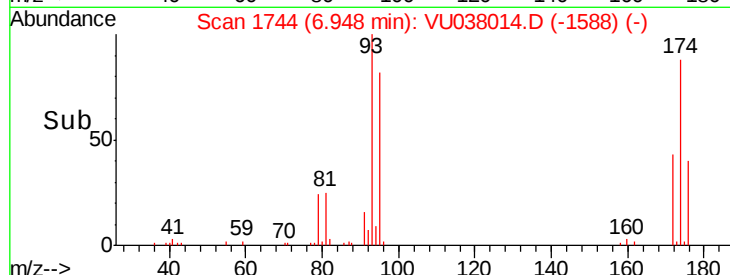
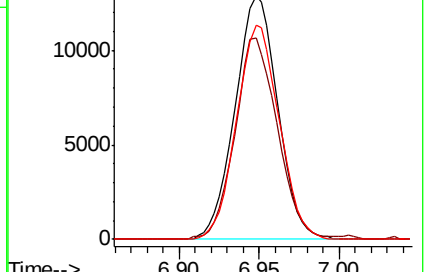
174 88.0 72.8 109.2



Abundance Ion 93.00 (92.70 to 93.70): VU038000.D (-1729) (-)

Ion 95.00 (94.70 to 95.70): VU038000.D (-1729) (-)

Ion 174.00 (173.70 to 174.70): VU038000.D (-1729) (-)



#44

Bromodichloromethane

Concen: 1.812 ug/l

RT: 7.13 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VU038014.D

Acq: 05 May 2020 13:41

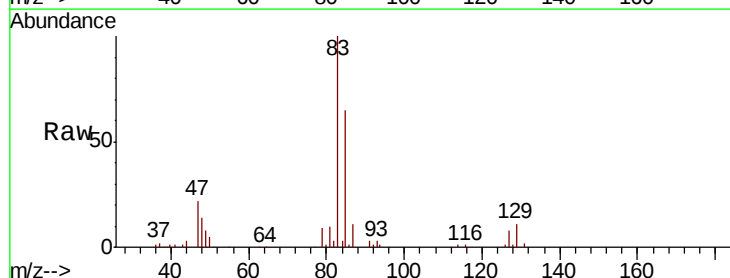
Tgt Ion: 83 Resp: 58533

Ion Ratio Lower Upper

83 100

85 65.3 51.4 77.0

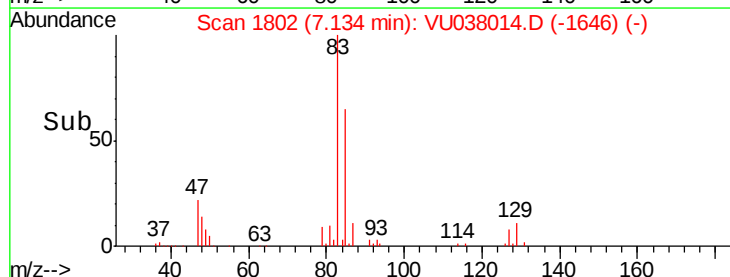
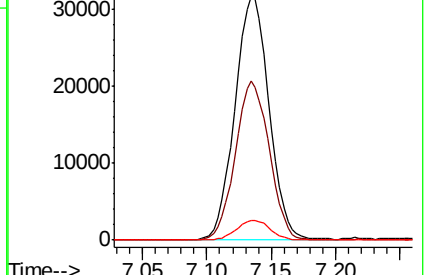
127 8.3 6.2 9.2

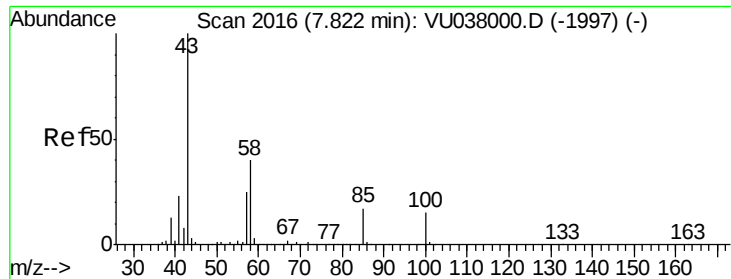


Abundance Ion 83.00 (82.70 to 83.70): VU038000.D (-1784) (-)

Ion 85.00 (84.70 to 85.70): VU038000.D (-1784) (-)

Ion 127.00 (126.70 to 127.70): VU038000.D (-1784) (-)

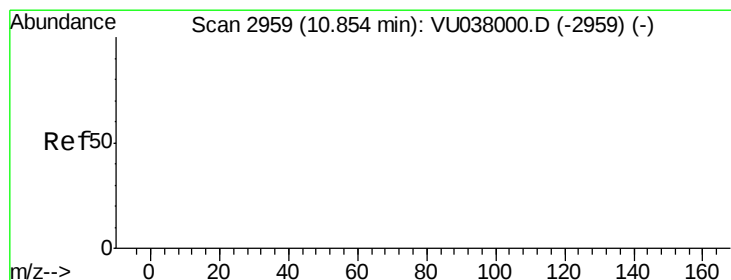
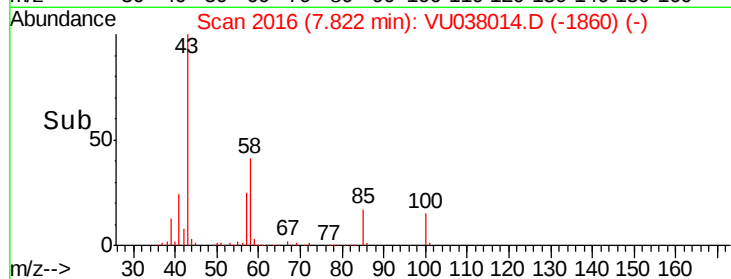
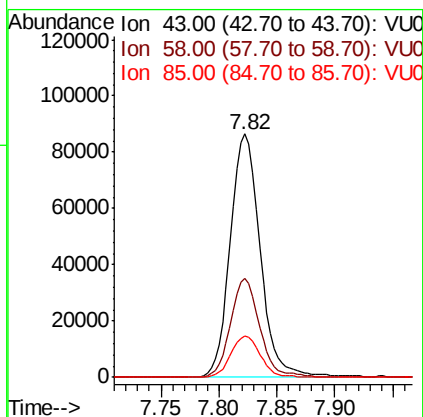
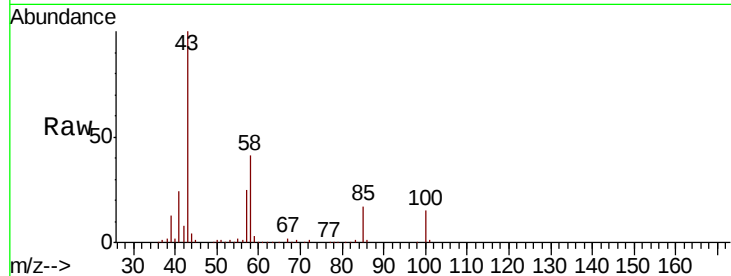




#45
4-Methyl-2-Pentanone
Concen: 8.861 ug/l
RT: 7.82 min Scan# 2016
Delta R.T. 0.00 min
Lab File: VU038014.D
Acq: 05 May 2020 13:41

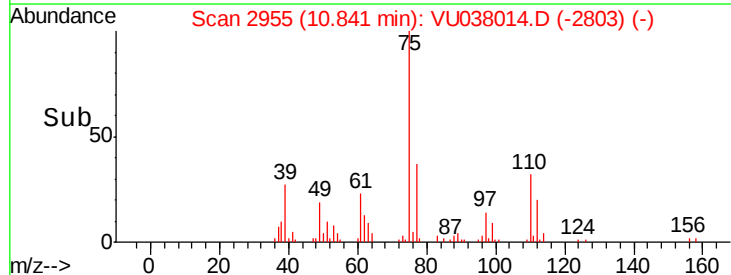
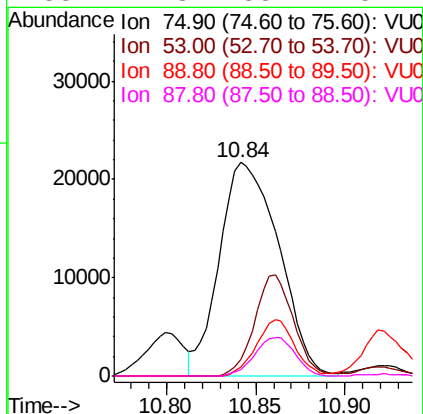
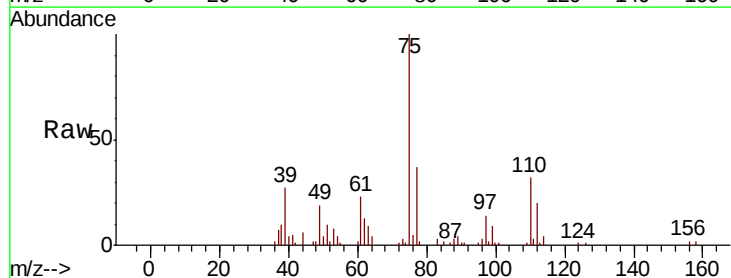
Instrument :
MSVOA_U
ClientSampleId :

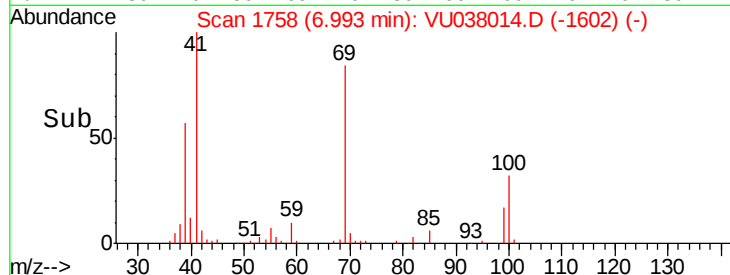
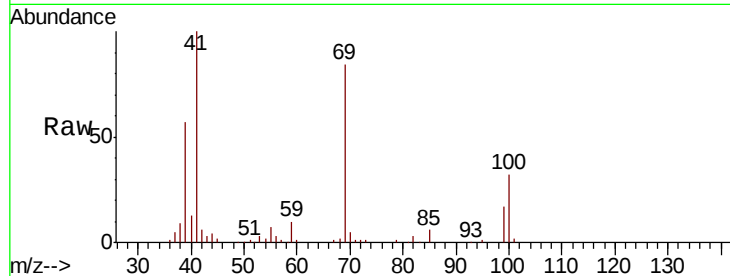
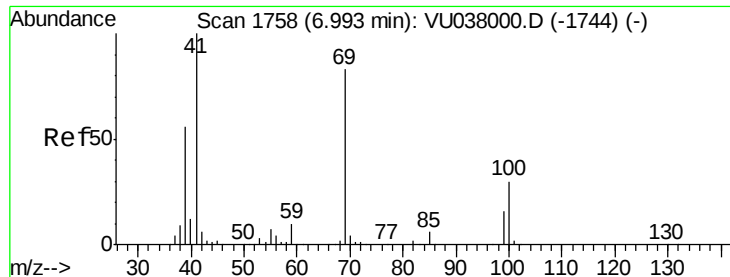
Tot Ion	43	Resp	155319
Ion Ratio	Lower	Upper	
43	100		
58	39.5	20.1	60.3
85	16.9	13.7	20.5



#46
t-1,4-Dichloro-2-butene
Concen: 9.282 ug/l
RT: 10.84 min Scan# 2955
Delta R.T. -0.01 min
Lab File: VU038014.D
Acq: 05 May 2020 13:41

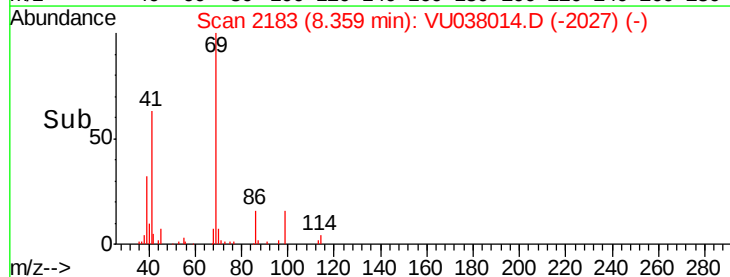
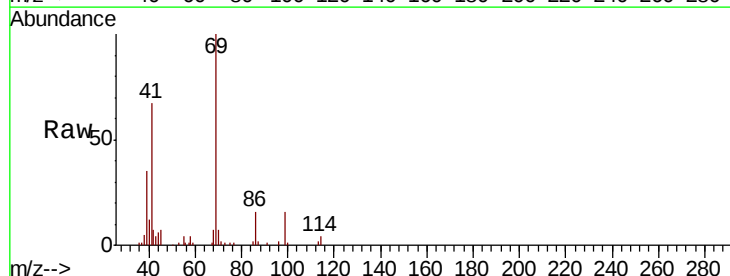
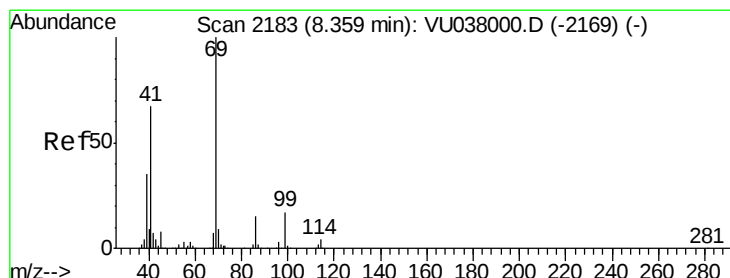
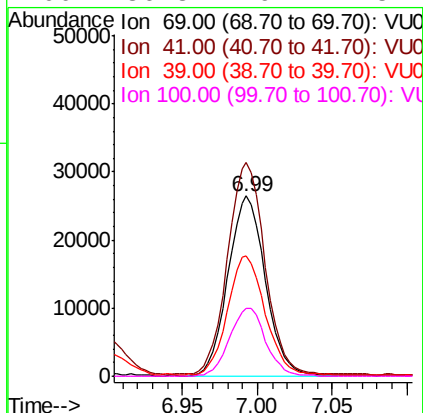
Tgt Ion	75	Resp	50312
Ion Ratio	Lower	Upper	
75	100		
53	31.3	81.1	121.7#
89	17.1	53.2	79.8#
88	12.3	38.2	57.2#





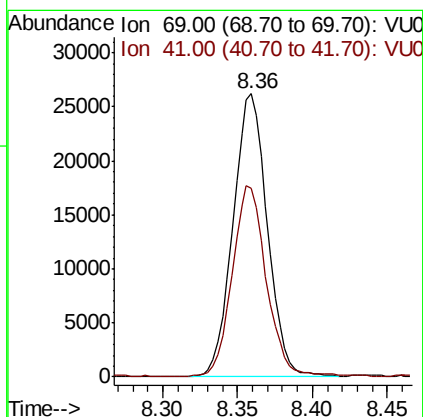
#47
Methyl methacrylate
Concen: 3.532 ug/l
RT: 6.99 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VU038014.D
Acq: 05 May 2020 13:41

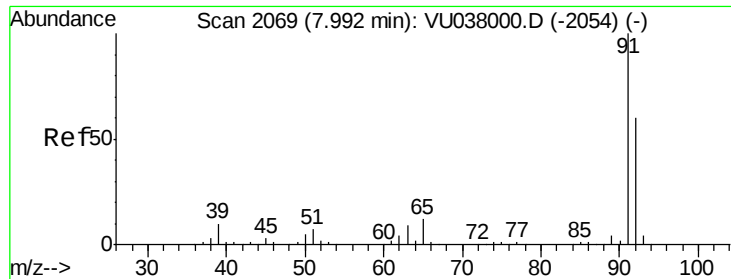
Tot Ion: 69 Resp: 46196
Ion Ratio Lower Upper
69 100
41 115.8 0.0 241.6
39 65.6 52.9 79.3
100 36.3 29.1 43.7



#48
Ethyl methacrylate
Concen: 1.727 ug/l
RT: 8.36 min Scan# 2183
Delta R.T. 0.00 min
Lab File: VU038014.D
Acq: 05 May 2020 13:41

Tgt Ion: 69 Resp: 41825
Ion Ratio Lower Upper
69 100
41 68.0 33.6 100.8





#49

Toluene

Concen: 1.876 ug/l

RT: 7.99 min Scan# 2069

Delta R.T. 0.00 min

Lab File: VU038014.D

Acq: 05 May 2020 13:41

Instrument :

MSVOA_U

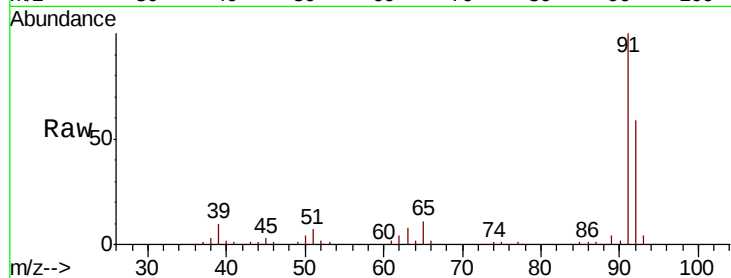
ClientSampled :

Tot Ion: 92 Resp: 121674

Ion Ratio Lower Upper

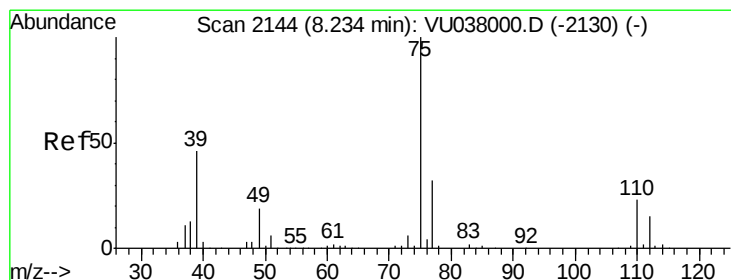
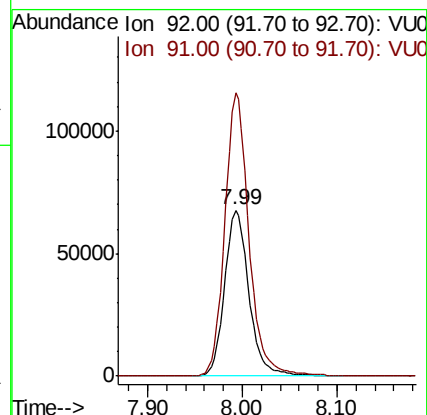
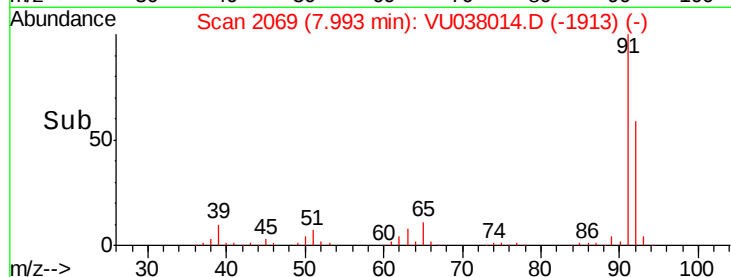
92 100

91 167.8 134.4 201.6



Abundance Ion 92.00 (91.70 to 92.70): VU038014.D (-1913) (-)

Ion 91.00 (90.70 to 91.70): VU038014.D (-1913) (-)



#50

t-1,3-Dichloropropene

Concen: 1.714 ug/l

RT: 8.23 min Scan# 2144

Delta R.T. 0.00 min

Lab File: VU038014.D

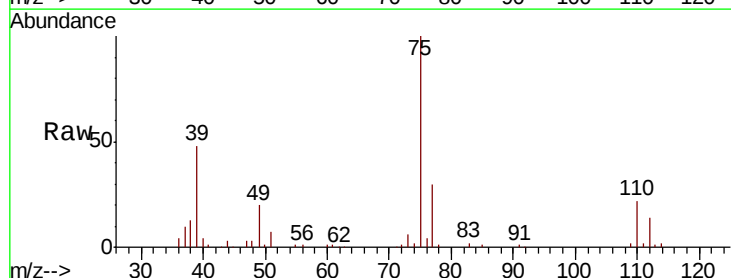
Acq: 05 May 2020 13:41

Tgt Ion: 75 Resp: 56561

Ion Ratio Lower Upper

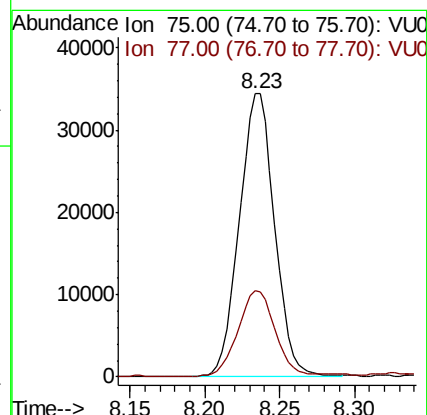
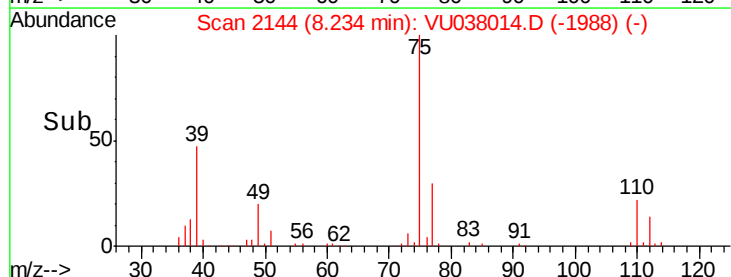
75 100

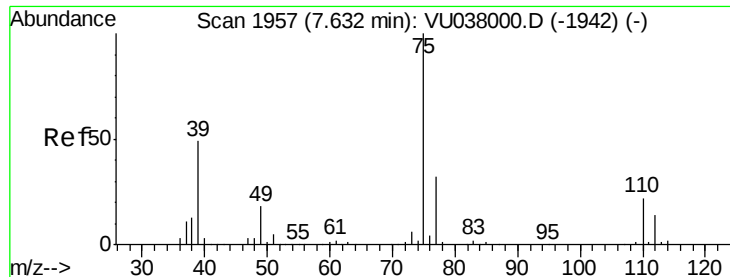
77 30.0 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VU038014.D (-1988) (-)

Ion 77.00 (76.70 to 77.70): VU038014.D (-1988) (-)



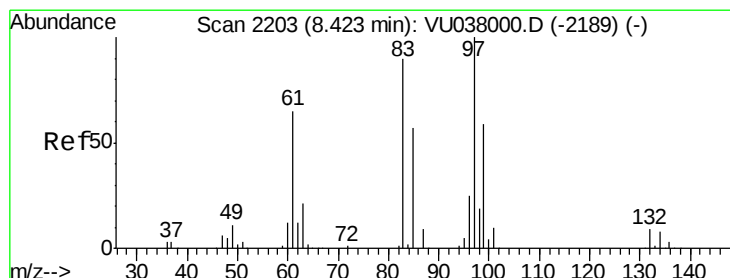
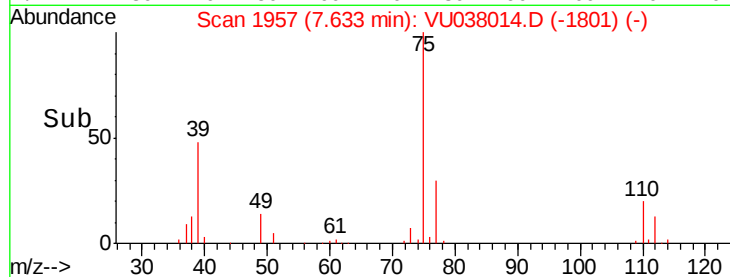
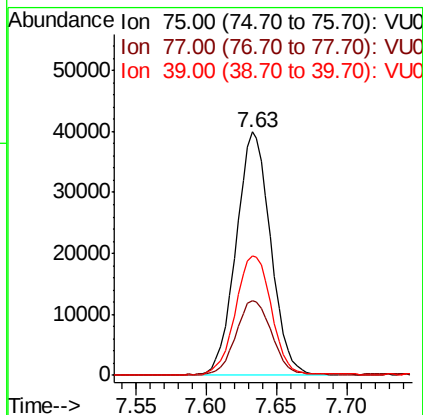
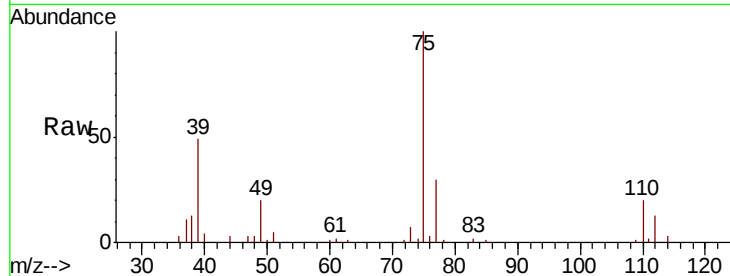


#51

cis-1,3-Dichloropropene
Concen: 1.735 ug/l
RT: 7.63 min Scan# 1957
Delta R.T. 0.00 min
Lab File: VU038014.D
Acq: 05 May 2020 13:41

Instrument :
MSVOA_U
ClientSampled :

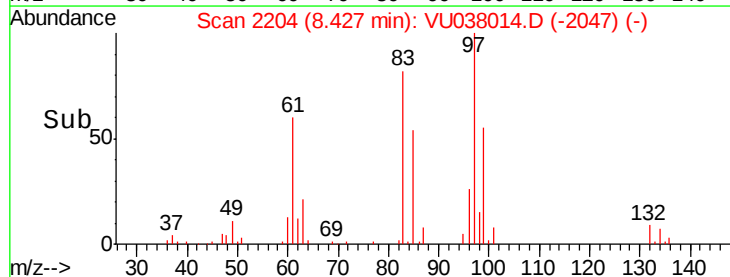
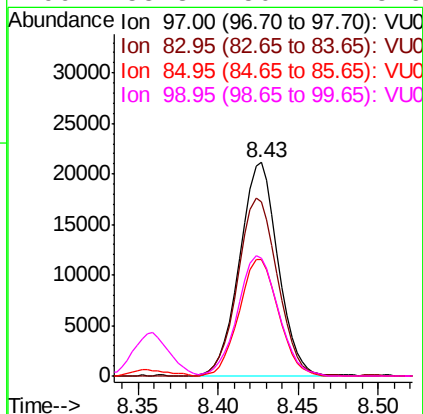
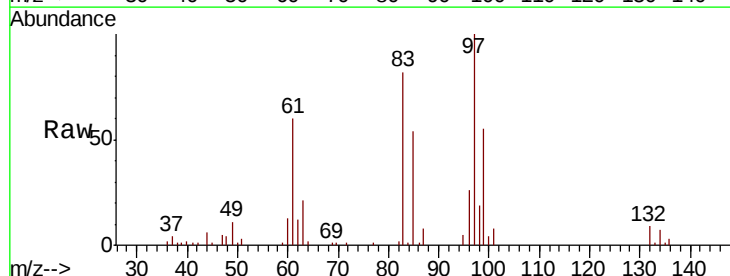
Tot Ion	75	Resp	68776
Ion	Ratio	Lower	Upper
75	100		
77	30.1	25.5	38.3
39	48.8	39.0	58.4

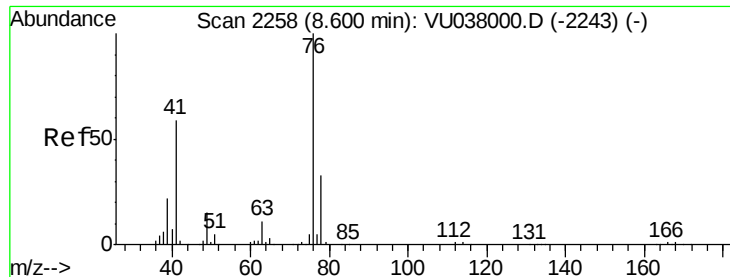


#52

1,1,2-Trichloroethane
Concen: 1.902 ug/l
RT: 8.43 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VU038014.D
Acq: 05 May 2020 13:41

Tgt Ion	97	Resp	34643
Ion	Ratio	Lower	Upper
97	100		
83	81.8	72.4	108.6
85	54.4	46.0	69.0
99	55.3	50.4	75.6





#53

1,3-Dichloropropane

Concen: 1.862 ug/l

RT: 8.60 min Scan# 2258

Delta R.T. 0.00 min

Lab File: VU038014.D

Acq: 05 May 2020 13:41

Instrument :

MSVOA_U

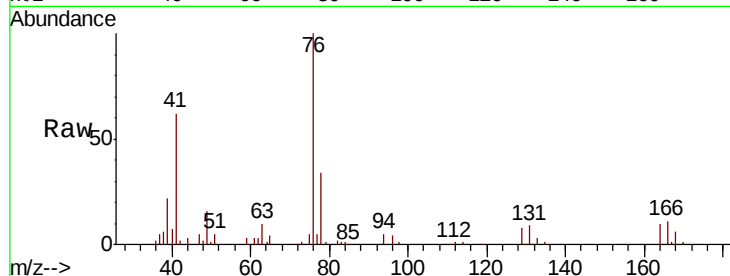
ClientSampled :

Tot Ion: 76 Resp: 63680

Ion Ratio Lower Upper

76 100

78 33.5 25.8 38.6

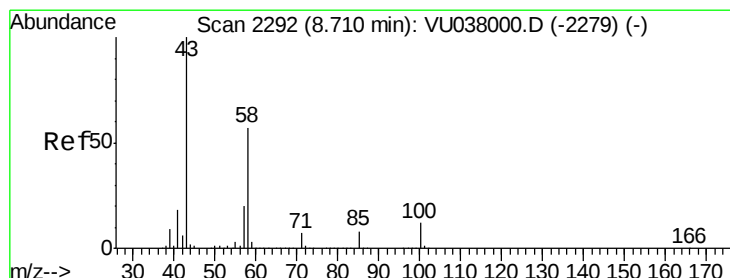
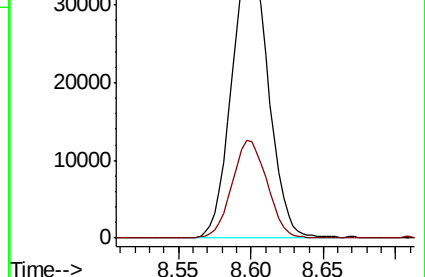
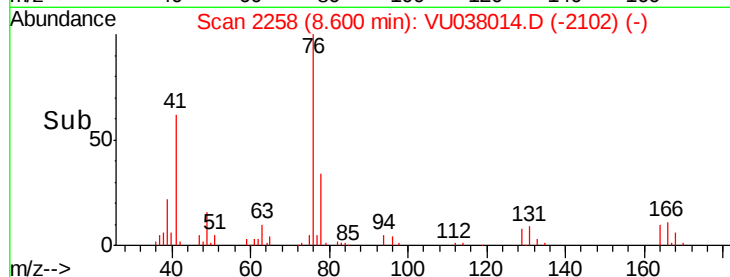


Abundance Ion 76.00 (75.70 to 76.70): VU038000.D (-2243) (-)

Ion 78.00 (77.70 to 78.70): VU038000.D (-2243) (-)

8.60

Time-->



#54

2-Hexanone

Concen: 8.564 ug/l

RT: 8.71 min Scan# 2292

Delta R.T. 0.00 min

Lab File: VU038014.D

Acq: 05 May 2020 13:41

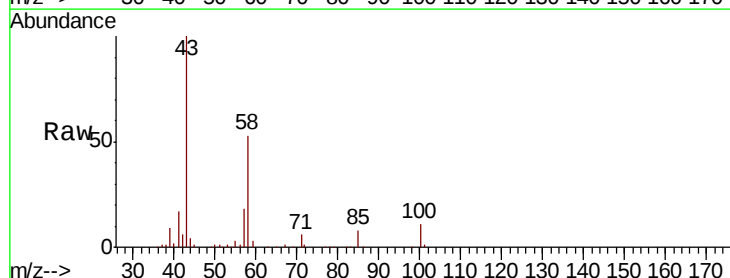
Tgt Ion: 43 Resp: 105961

Ion Ratio Lower Upper

43 100

58 53.6 36.5 76.5

57 18.7 0.0 39.5



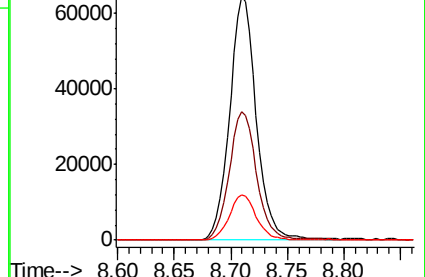
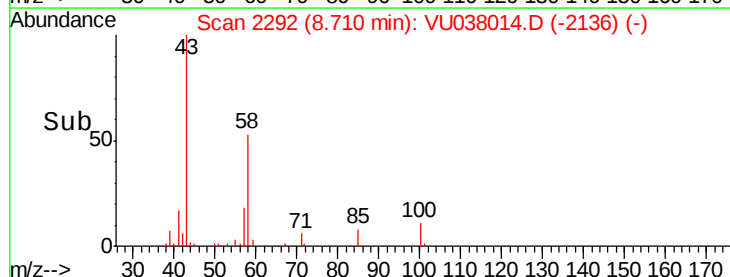
Abundance Ion 43.00 (42.70 to 43.70): VU038000.D (-2279) (-)

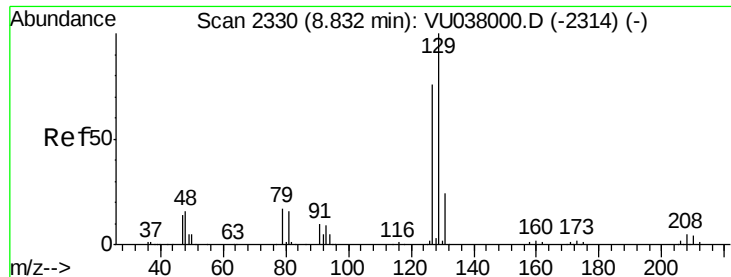
Ion 58.00 (57.70 to 58.70): VU038000.D (-2279) (-)

Ion 57.00 (56.70 to 57.70): VU038000.D (-2279) (-)

8.71

Time-->





#55

Dibromochloromethane

Concen: 1.721 ug/l

RT: 8.83 min Scan# 2330

Delta R.T. 0.00 min

Lab File: VU038014.D

Acq: 05 May 2020 13:41

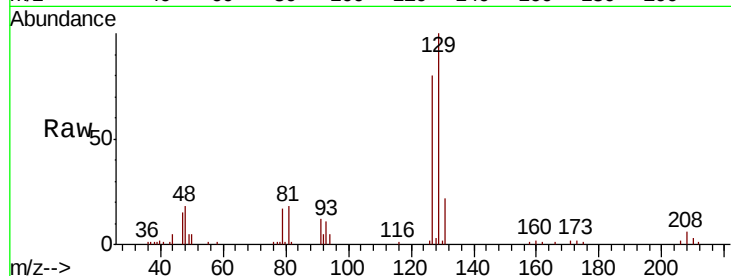
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:129 Resp: 34726

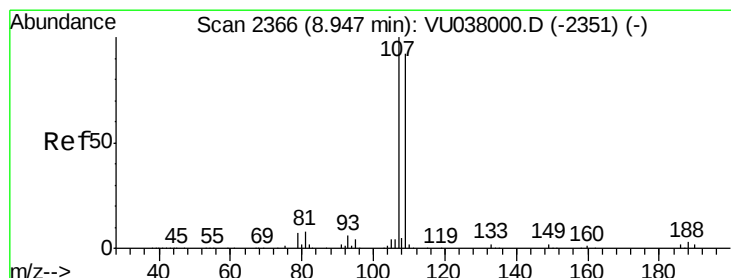
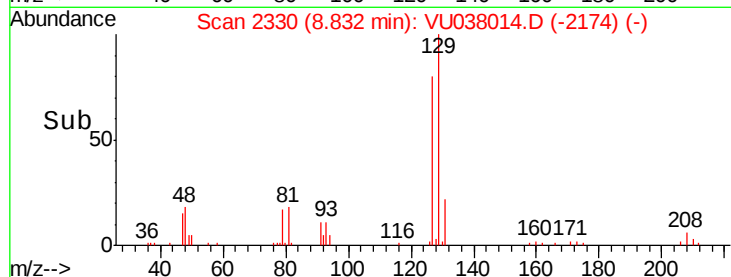
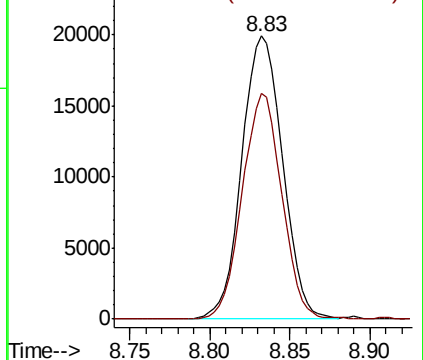
Ion Ratio Lower Upper

129 100

127 77.3 62.2 93.2



Abundance Ion 129.00 (128.70 to 129.70): V
Ion 127.00 (126.70 to 127.70): V



#56

1,2-Dibromoethane

Concen: 1.779 ug/l

RT: 8.95 min Scan# 2366

Delta R.T. 0.00 min

Lab File: VU038014.D

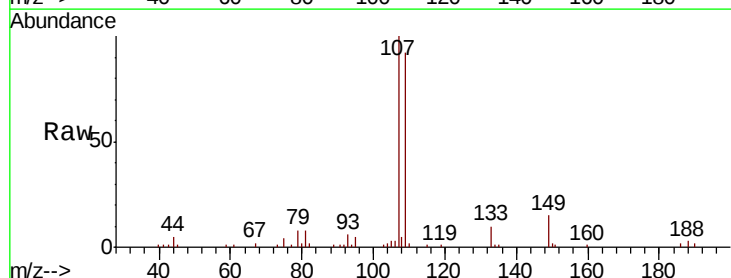
Acq: 05 May 2020 13:41

Tgt Ion:107 Resp: 30555

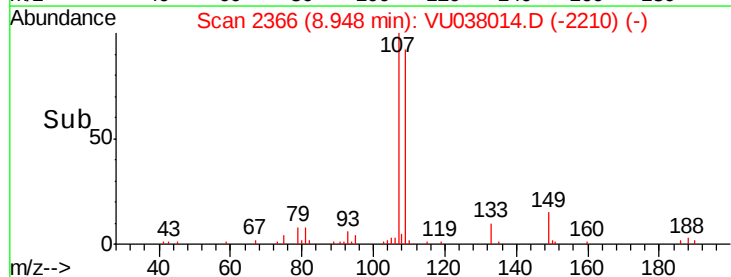
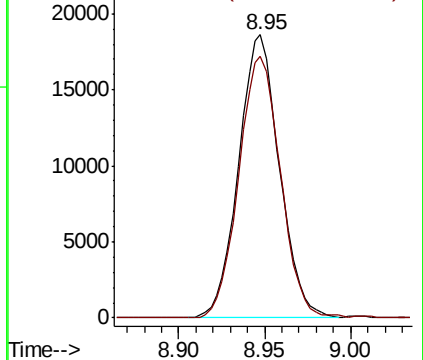
Ion Ratio Lower Upper

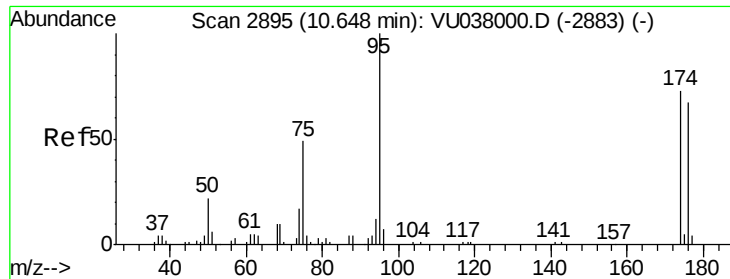
107 100

109 94.3 0.0 184.6



Abundance Ion 107.00 (106.70 to 107.70): V
Ion 109.00 (108.70 to 109.70): V

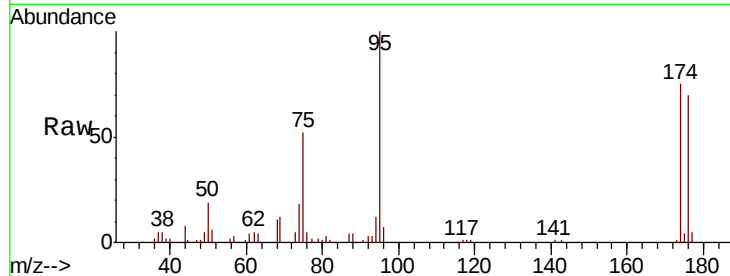




#57
 4-Bromofluorobenzene
 Concen: 0.933 ug/l
 RT: 10.65 min Scan# 2896
 Delta R.T. 0.00 min
 Lab File: VU038014.D
 Acq: 05 May 2020 13:41

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion	95	Resp	31456
Ion Ratio	Lower	Upper	
95	100		
174	75.1	61.2	91.8
176	70.6	57.1	85.7

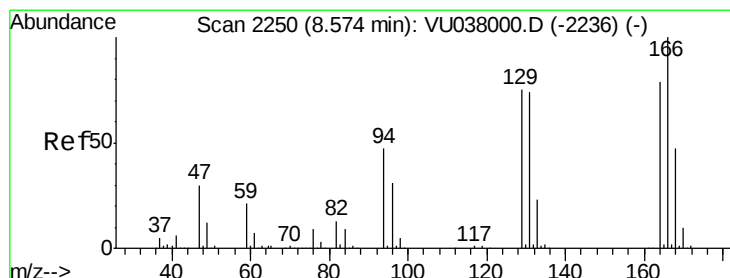
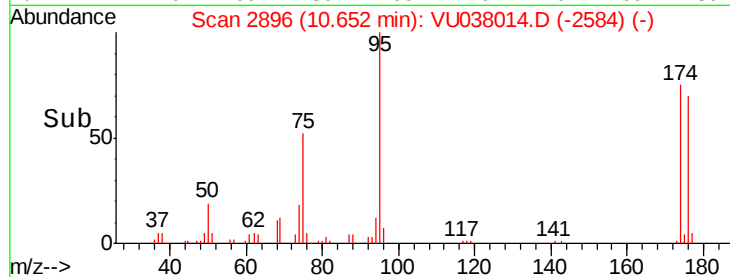
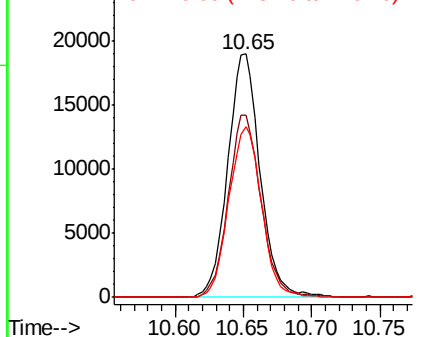


Abundance

Ion 95.00 (94.70 to 95.70): VU038014.D (-2584) (-)

Ion 174.00 (173.70 to 174.70): VU038014.D (-2584) (-)

Ion 176.00 (175.70 to 176.70): VU038014.D (-2584) (-)



#58
 Tetrachloroethene
 Concen: 1.919 ug/l
 RT: 8.57 min Scan# 2250
 Delta R.T. 0.00 min
 Lab File: VU038014.D
 Acq: 05 May 2020 13:41

Tgt Ion	164	Resp	48250
Ion Ratio	Lower	Upper	
164	100		
166	131.9	101.5	152.3
129	97.8	76.6	114.8
131	91.5	75.0	112.4

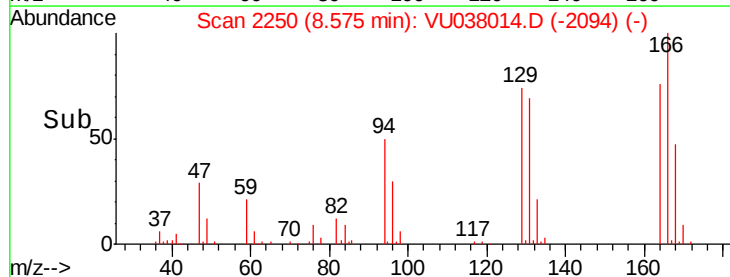
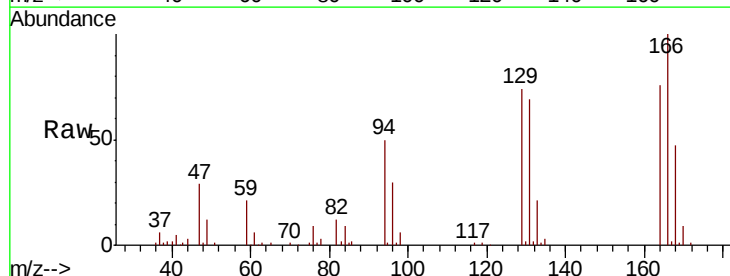
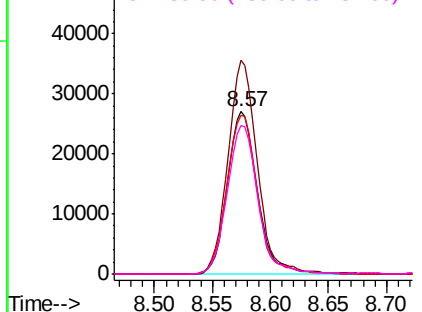
Abundance

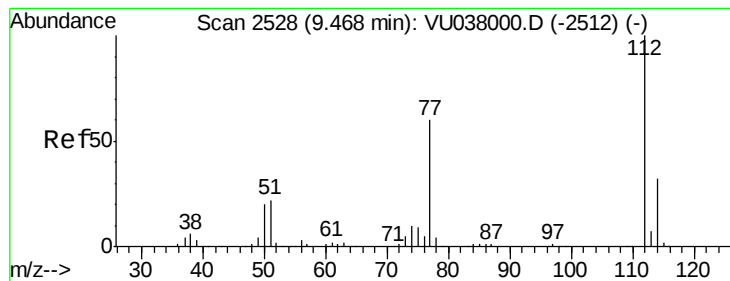
Ion 163.85 (163.55 to 164.55): VU038014.D (-2094) (-)

Ion 165.80 (165.50 to 166.50): VU038014.D (-2094) (-)

Ion 128.90 (128.60 to 129.60): VU038014.D (-2094) (-)

Ion 130.90 (130.60 to 131.60): VU038014.D (-2094) (-)





#59

Chlorobenzene

Concen: 1.897 ug/l

RT: 9.47 min Scan# 2528

Delta R.T. 0.00 min

Lab File: VU038014.D

Acq: 05 May 2020 13:41

Instrument :

MSVOA_U

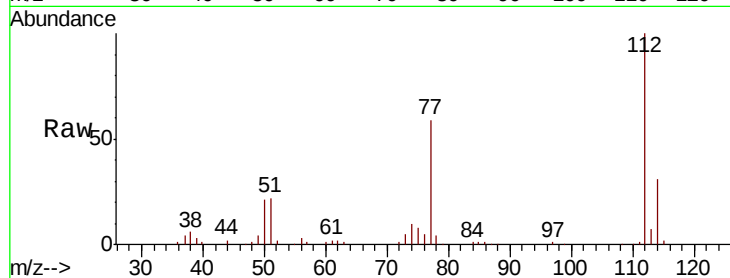
ClientSampleId :

Tot Ion:112 Resp: 130630

Ion Ratio Lower Upper

112 100

114 31.4 25.7 38.5



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

9.47

80000

60000

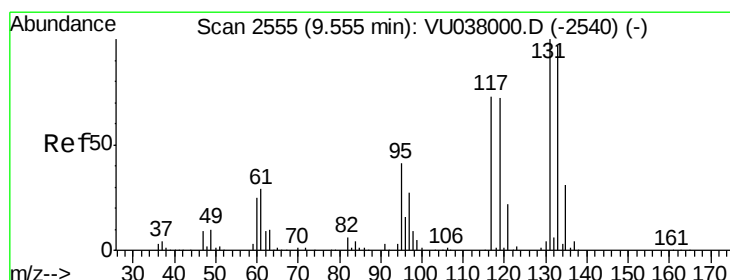
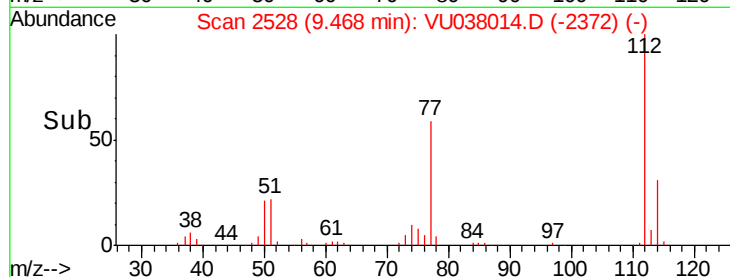
40000

20000

0

9.40 9.45 9.50 9.55 9.60

Time-->



#60

1,1,1,2-Tetrachloroethane

Concen: 1.752 ug/l

RT: 9.56 min Scan# 2555

Delta R.T. 0.00 min

Lab File: VU038014.D

Acq: 05 May 2020 13:41

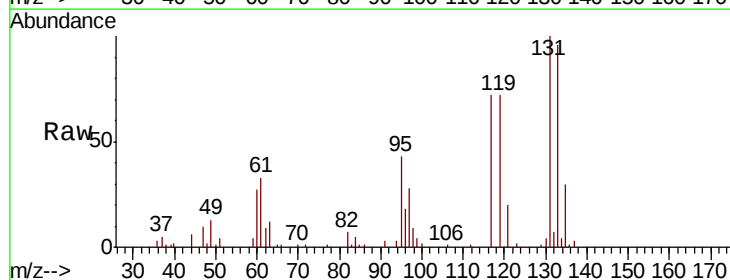
Tgt Ion:131 Resp: 36630

Ion Ratio Lower Upper

131 100

133 96.6 76.8 115.2

119 70.6 56.7 85.1



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V

9.56

30000

25000

20000

15000

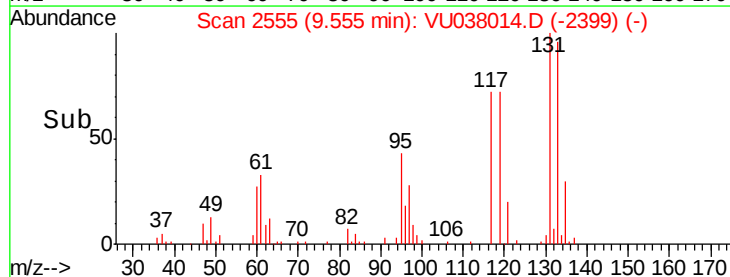
10000

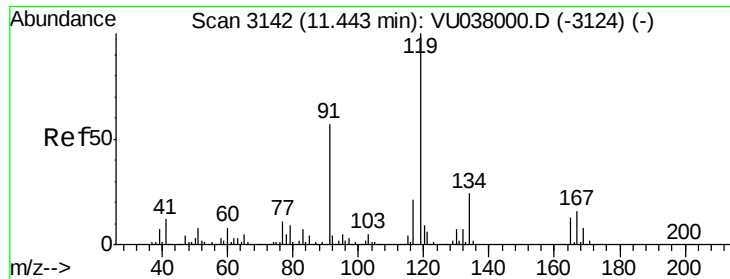
5000

0

9.50 9.55 9.60

Time-->

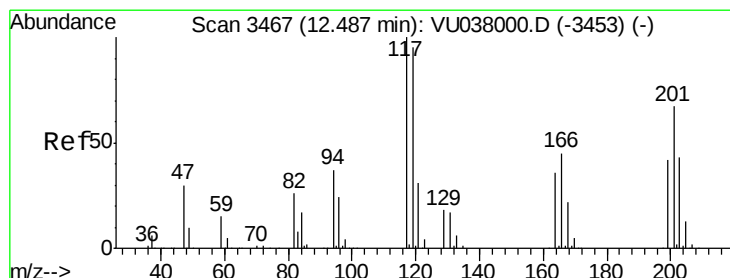
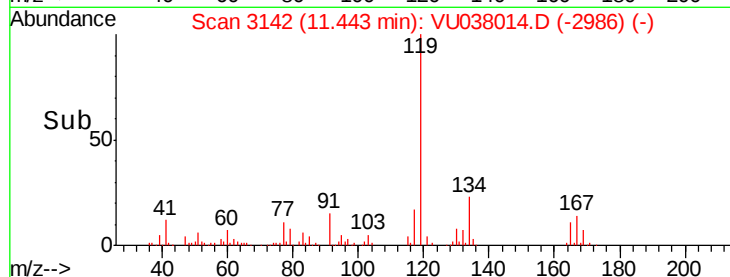
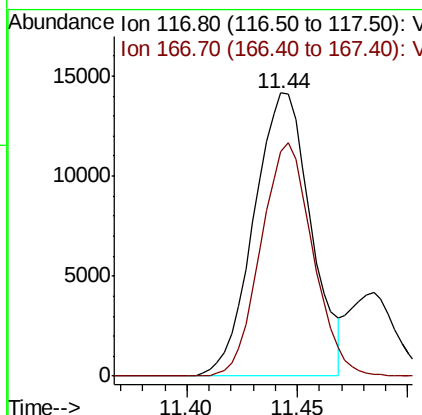
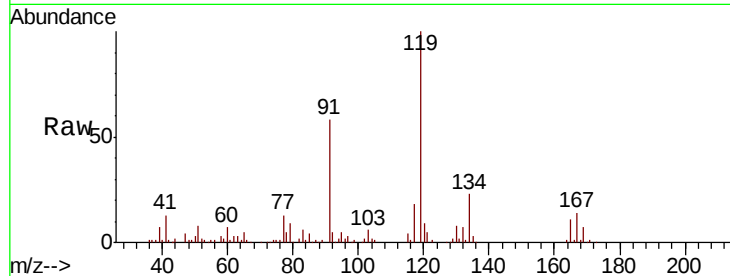




#61
 Pentachloroethane
 Concen: 1.614 ug/l
 RT: 11.44 min Scan# 3142
 Delta R.T. 0.00 min
 Lab File: VU038014.D
 Acq: 05 May 2020 13:41

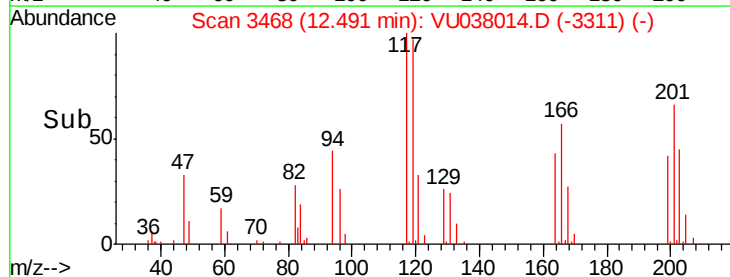
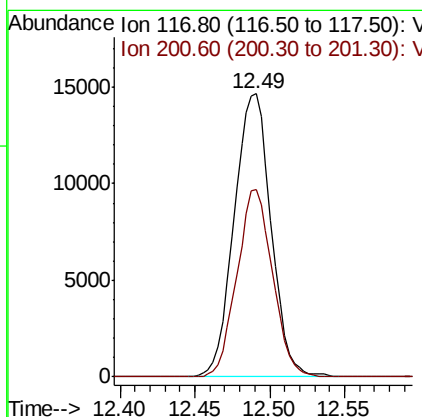
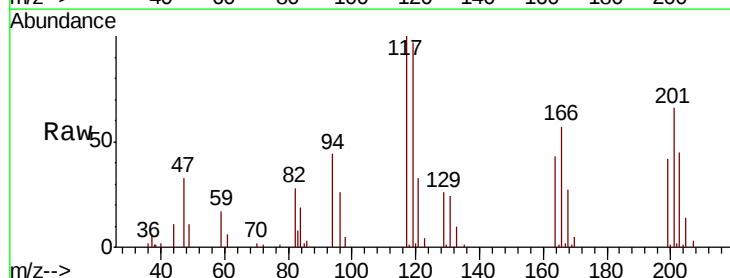
Instrument :
 MSVOA_U
 ClientSampleId :

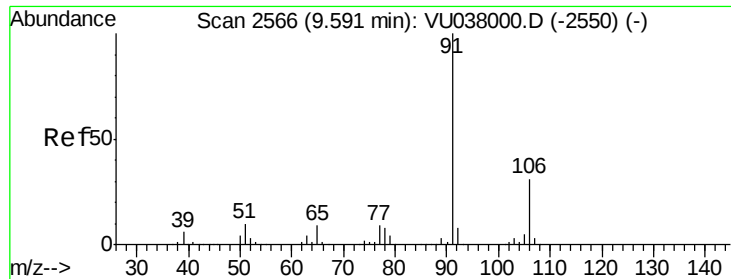
Tot Ion:117 Resp: 25278
 Ion Ratio Lower Upper
 117 100
 167 75.2 60.3 90.5



#62
 Hexachloroethane
 Concen: 1.544 ug/l
 RT: 12.49 min Scan# 3468
 Delta R.T. 0.00 min
 Lab File: VU038014.D
 Acq: 05 May 2020 13:41

Tgt Ion:117 Resp: 25168
 Ion Ratio Lower Upper
 117 100
 201 63.7 54.7 82.1

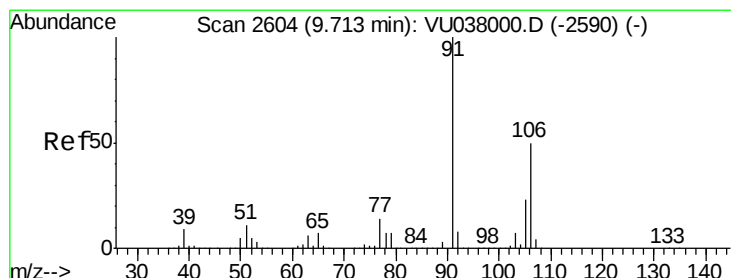
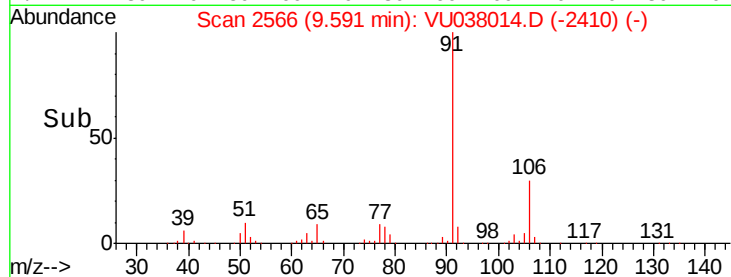
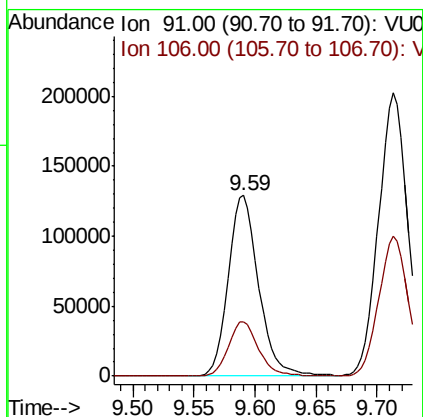
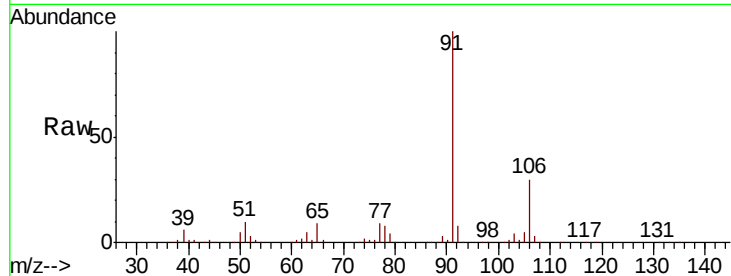




#63
Ethyl Benzene
Concen: 1.839 ug/l
RT: 9.59 min Scan# 2566
Delta R.T. 0.00 min
Lab File: VU038014.D
Acq: 05 May 2020 13:41

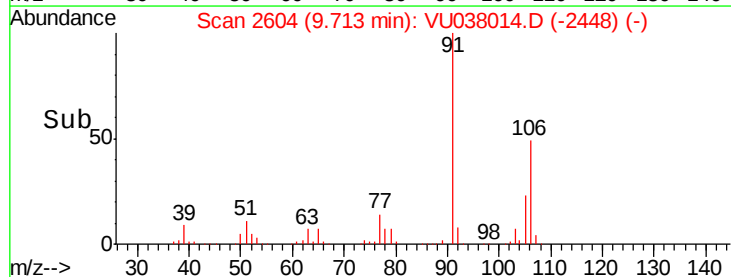
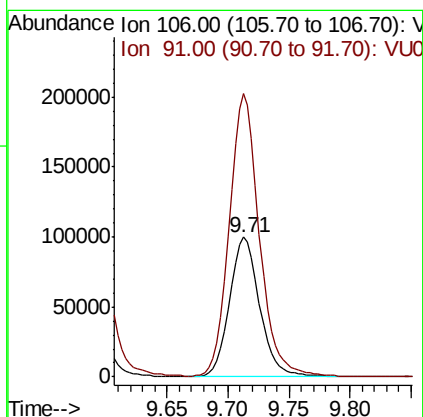
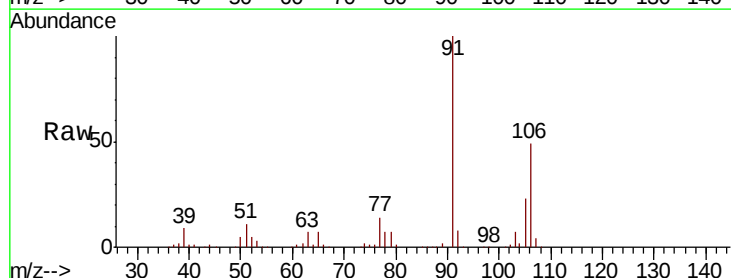
Instrument :
MSVOA_U
ClientSampled :

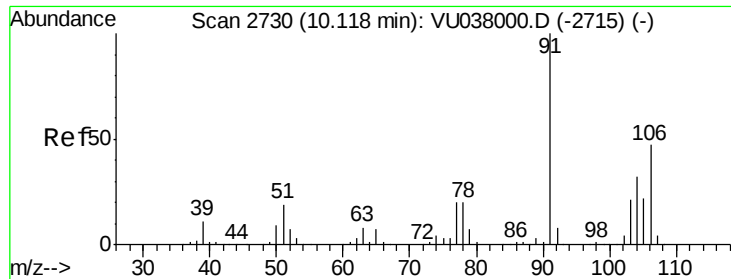
Tot Ion: 91 Resp: 225328
Ion Ratio Lower Upper
91 100
106 30.3 24.9 37.3



#64
m/p-Xylenes
Concen: 3.635 ug/l
RT: 9.71 min Scan# 2604
Delta R.T. 0.00 min
Lab File: VU038014.D
Acq: 05 May 2020 13:41

Tgt Ion: 106 Resp: 171443
Ion Ratio Lower Upper
106 100
91 201.6 159.5 239.3





#65

o-Xylene

Concen: 1.804 ug/l

RT: 10.12 min Scan# 2730

Delta R.T. 0.00 min

Lab File: VU038014.D

Acq: 05 May 2020 13:41

Instrument :

MSVOA_U

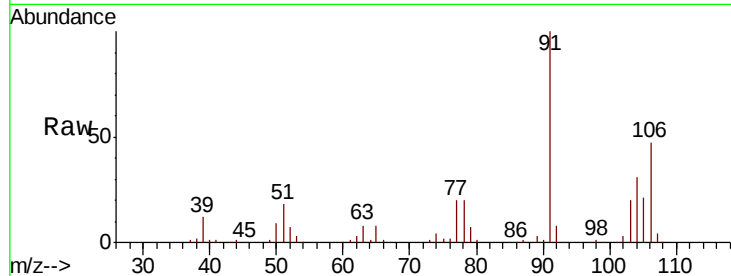
ClientSampled :

Tot Ion:106 Resp: 82916

Ion Ratio Lower Upper

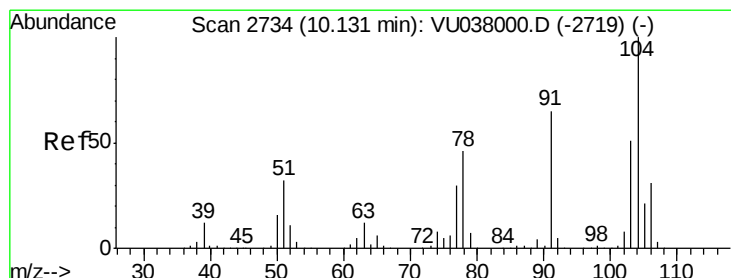
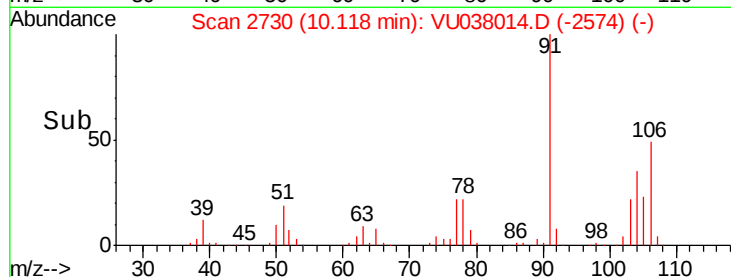
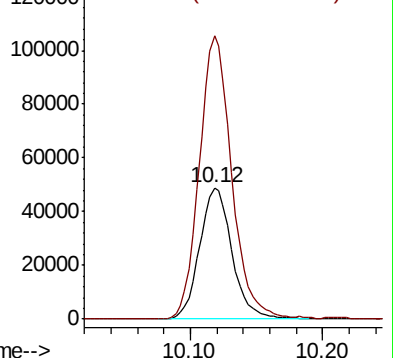
106 100

91 216.3 105.7 317.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#66

Styrene

Concen: 1.805 ug/l

RT: 10.13 min Scan# 2734

Delta R.T. 0.00 min

Lab File: VU038014.D

Acq: 05 May 2020 13:41

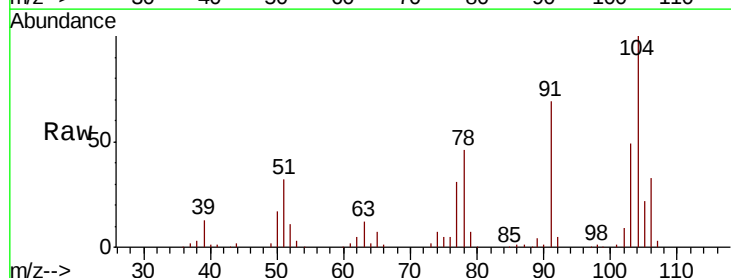
Tgt Ion:104 Resp: 136696

Ion Ratio Lower Upper

104 100

78 50.6 39.9 59.9

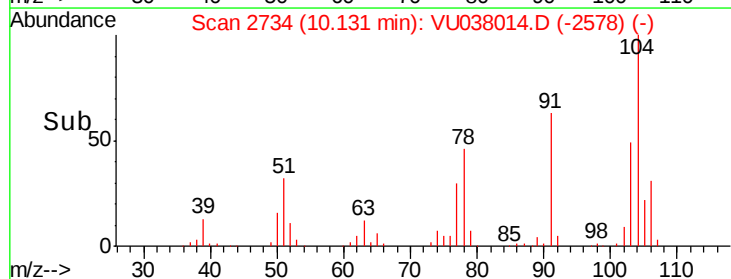
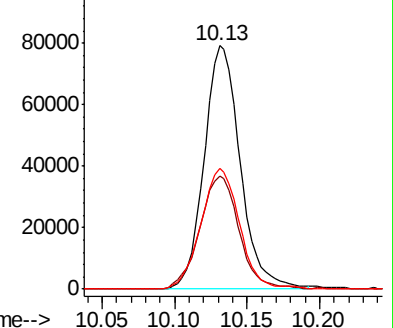
103 53.4 43.4 65.2

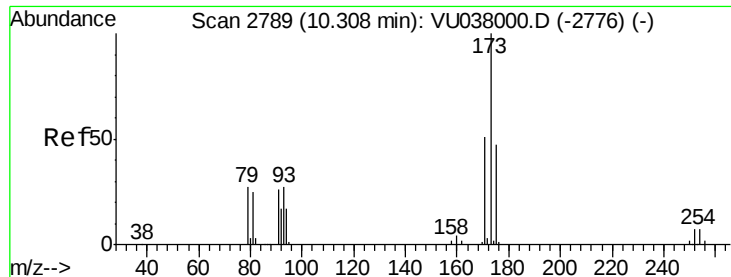


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VU0

Ion 103.00 (102.70 to 103.70): V





#67

Bromoform

Concen: 1.613 ug/l

RT: 10.31 min Scan# 2790

Delta R.T. 0.00 min

Lab File: VU038014.D

Acq: 05 May 2020 13:41

Instrument :

MSVOA_U

ClientSampleId :

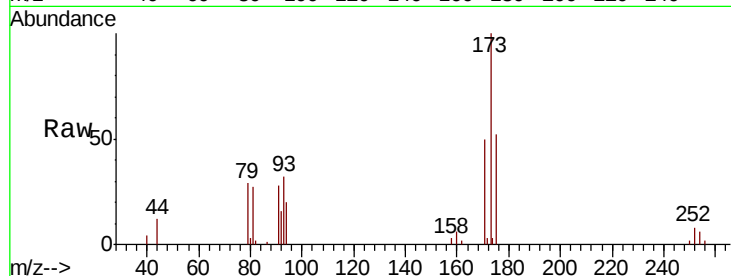
Tot Ion:173 Resp: 17126

Ion Ratio Lower Upper

173 100

175 51.1 37.6 56.4

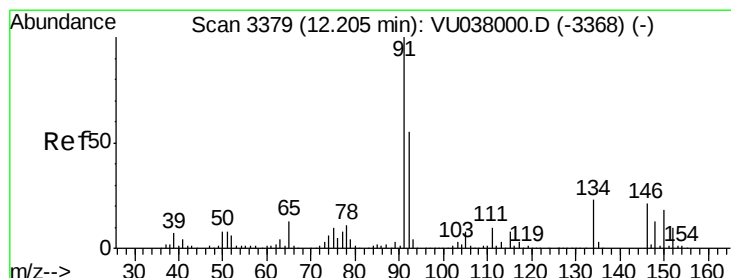
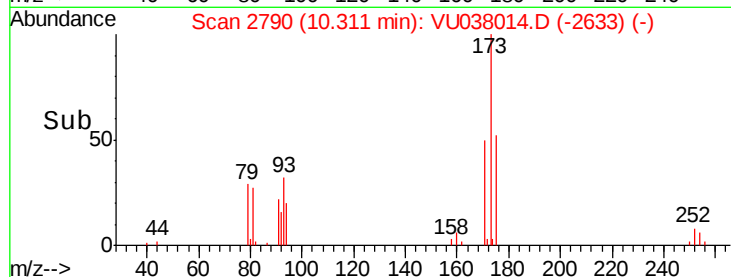
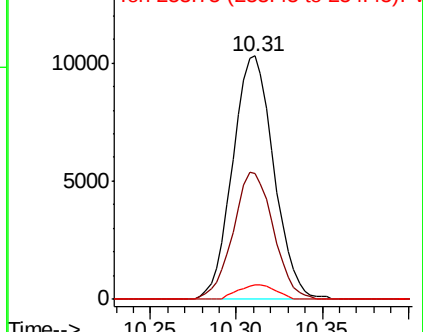
254 5.4 5.5 8.3#



Abundance Ion 172.90 (172.60 to 173.60): V

Ion 174.90 (174.60 to 175.60): V

Ion 253.75 (253.45 to 254.45): V



#68

1,2-Dichlorobenzene-d4

Concen: 0.937 ug/l

RT: 12.20 min Scan# 3379

Delta R.T. 0.00 min

Lab File: VU038014.D

Acq: 05 May 2020 13:41

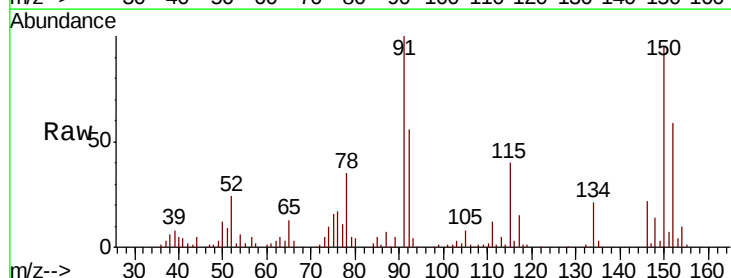
Tgt Ion:152 Resp: 30593

Ion Ratio Lower Upper

152 100

115 79.5 0.0 261.0

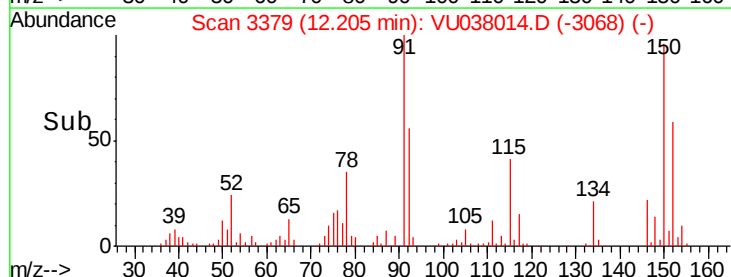
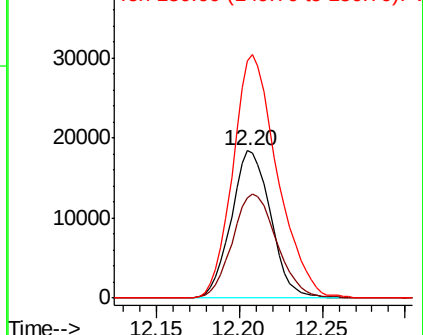
150 185.6 0.0 650.2

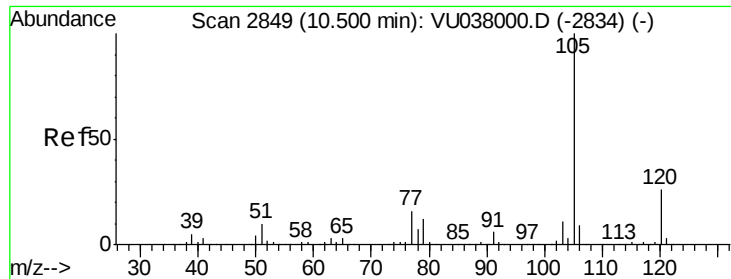


Abundance Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V





#69

Isopropylbenzene

Concen: 1.811 ug/l

RT: 10.50 min Scan# 2849

Delta R.T. 0.00 min

Lab File: VU038014.D

Acq: 05 May 2020 13:41

Instrument :

MSVOA_U

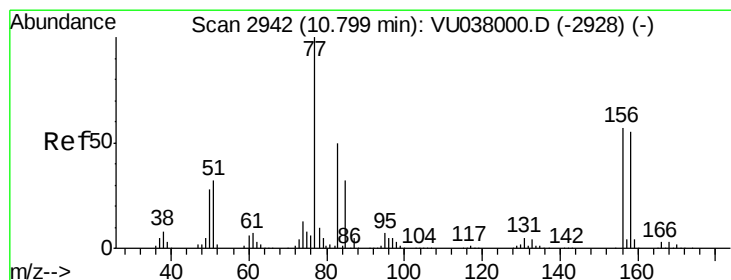
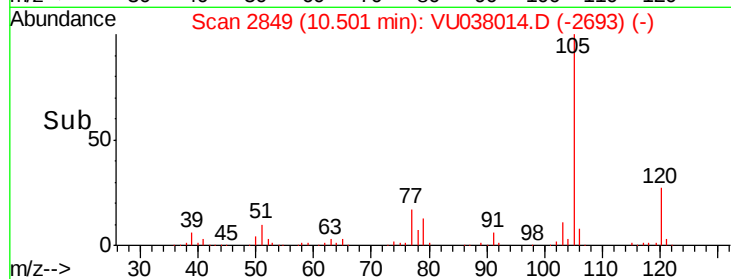
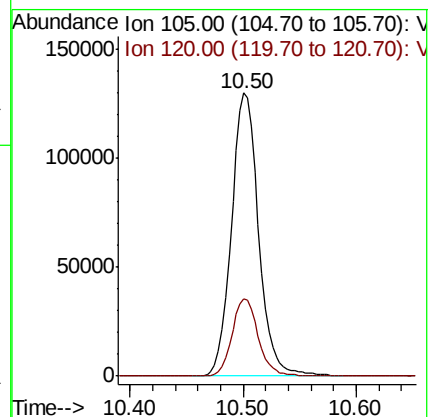
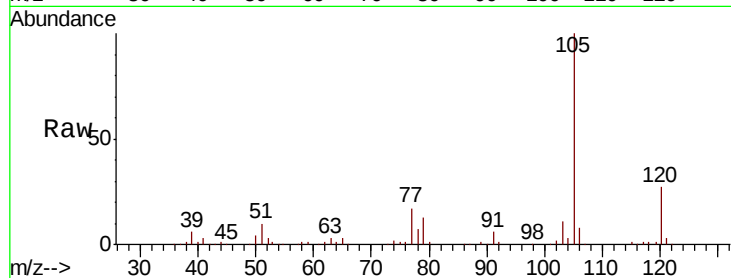
ClientSampled :

Tot Ion:105 Resp: 217433

Ion Ratio Lower Upper

105 100

120 26.4 13.1 39.3



#70

1,1,2,2-Tetrachloroethane

Concen: 1.818 ug/l

RT: 10.80 min Scan# 2942

Delta R.T. 0.00 min

Lab File: VU038014.D

Acq: 05 May 2020 13:41

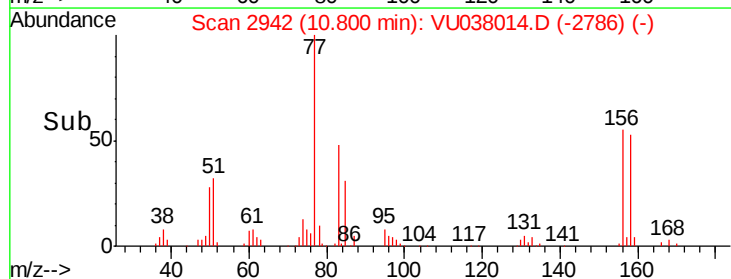
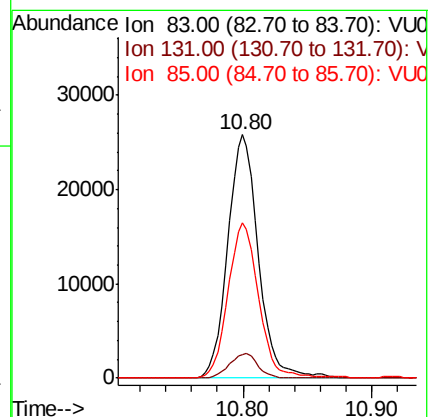
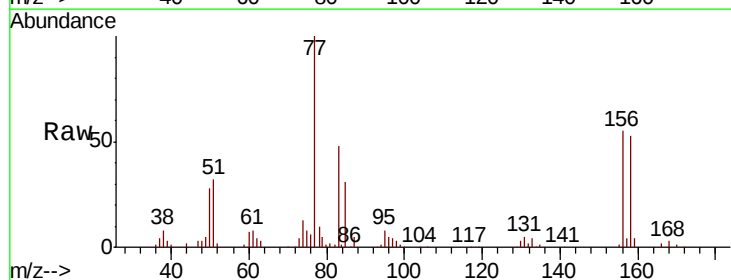
Tgt Ion: 83 Resp: 42427

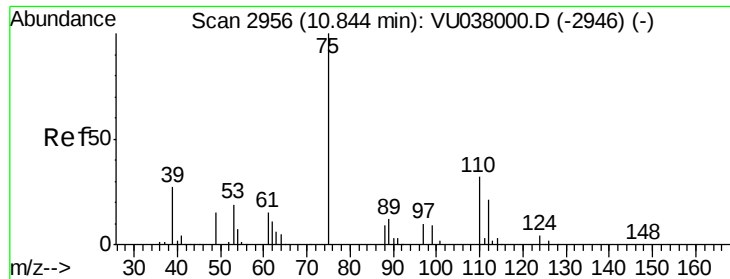
Ion Ratio Lower Upper

83 100

131 9.0 7.2 10.8

85 64.3 50.0 75.0

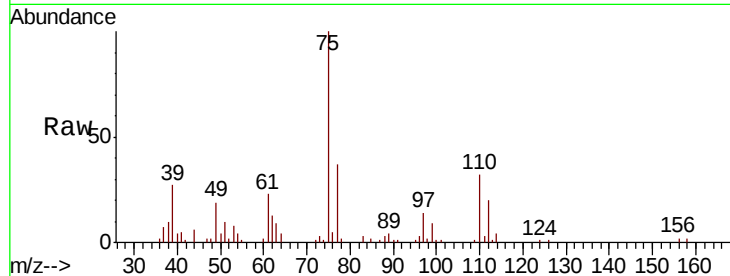




#71
 1,2,3-Trichloropropane
 Concen: 2.915 ug/l
 RT: 10.84 min Scan# 2955
 Delta R.T. -0.00 min
 Lab File: VU038014.D
 Acq: 05 May 2020 13:41

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion:	75	Resp:	50312
Ion	Ratio	Lower	Upper
75	100		
77	29.5	0.0	108.6
110	23.4	0.0	79.4
97	11.0	0.0	40.4



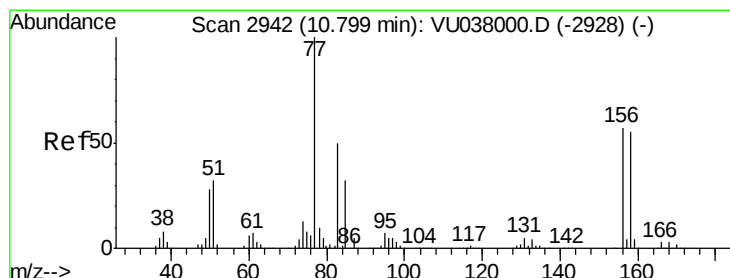
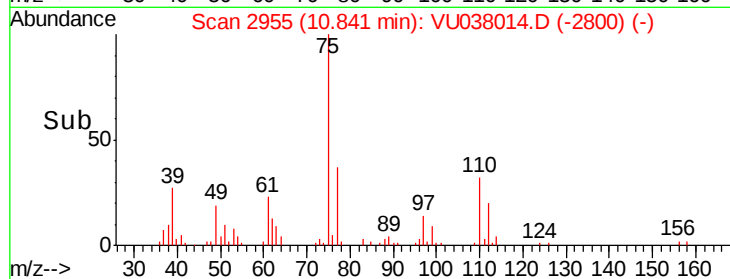
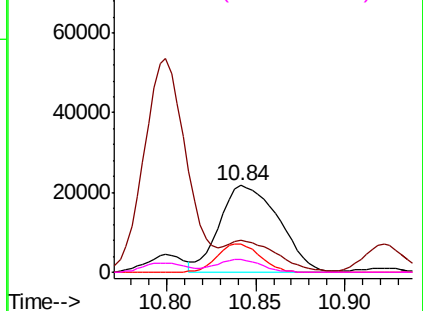
Abundance

Ion 75.00 (74.70 to 75.70): VU038014.D (-2946) (-)

Ion 77.00 (76.70 to 77.70): VU038014.D (-2946) (-)

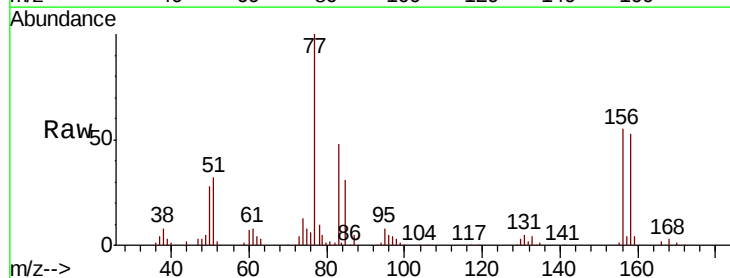
Ion 110.00 (109.70 to 110.70): VU038014.D (-2946) (-)

Ion 97.00 (96.70 to 97.70): VU038014.D (-2946) (-)



#72
 Bromobenzene
 Concen: 1.848 ug/l
 RT: 10.80 min Scan# 2942
 Delta R.T. 0.00 min
 Lab File: VU038014.D
 Acq: 05 May 2020 13:41

Tgt Ion:	156	Resp:	49543
Ion	Ratio	Lower	Upper
156	100		
77	180.2	0.0	355.6
158	94.6	0.0	194.0

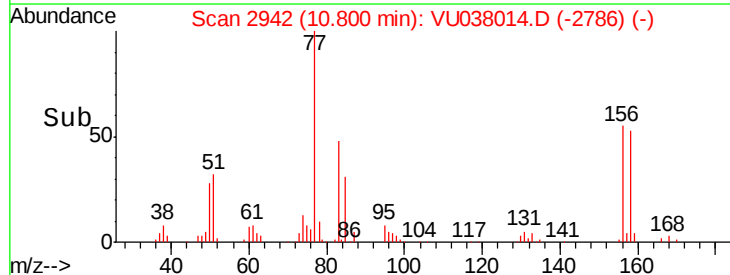
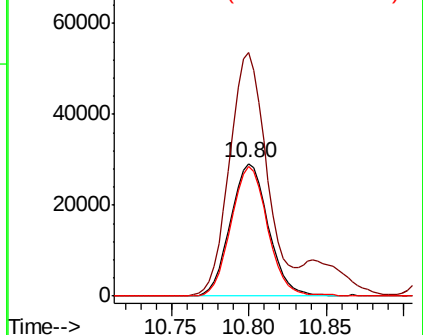


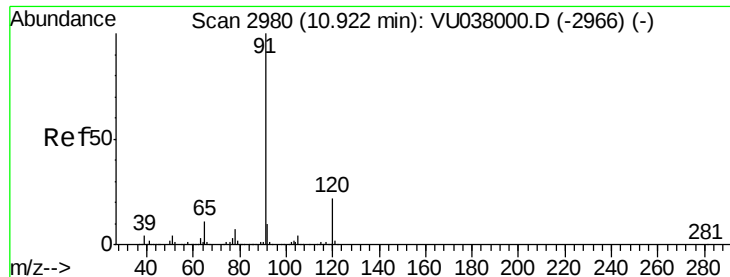
Abundance

Ion 156.00 (155.70 to 156.70): VU038014.D (-2786) (-)

Ion 77.00 (76.70 to 77.70): VU038014.D (-2786) (-)

Ion 158.00 (157.70 to 158.70): VU038014.D (-2786) (-)





#73

n-propylbenzene

Concen: 1.833 ug/l

RT: 10.92 min Scan# 2980

Delta R.T. 0.00 min

Lab File: VU038014.D

Acq: 05 May 2020 13:41

Instrument :

MSVOA_U

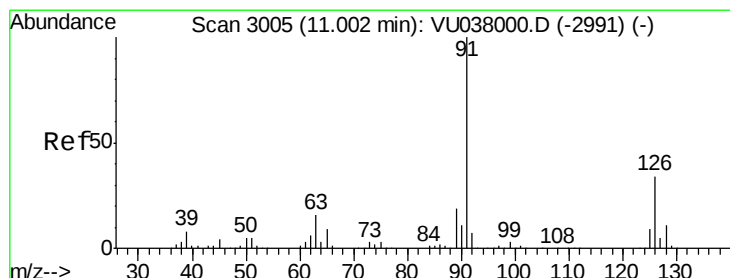
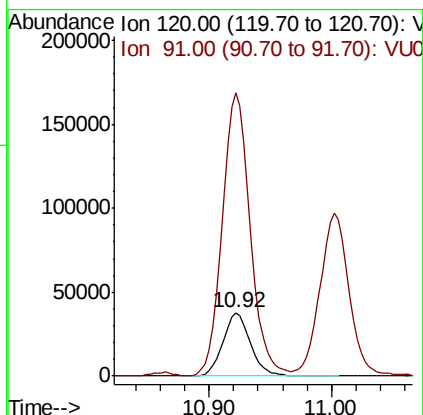
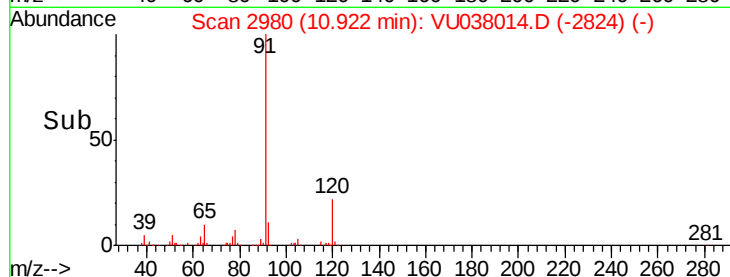
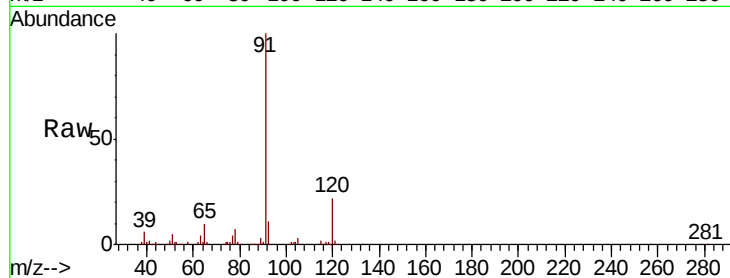
ClientSampleId :

Tot Ion:120 Resp: 60366

Ion Ratio Lower Upper

120 100

91 448.2 355.4 533.0



#74

2-Chlorotoluene

Concen: 1.814 ug/l

RT: 11.00 min Scan# 3005

Delta R.T. 0.00 min

Lab File: VU038014.D

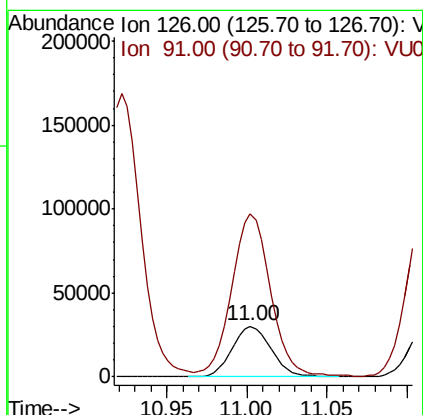
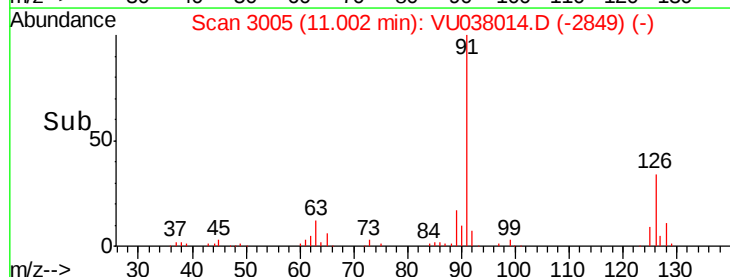
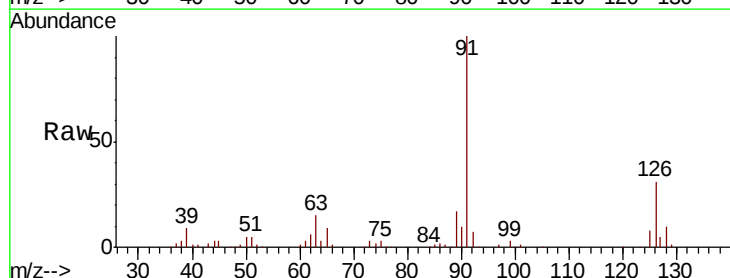
Acq: 05 May 2020 13:41

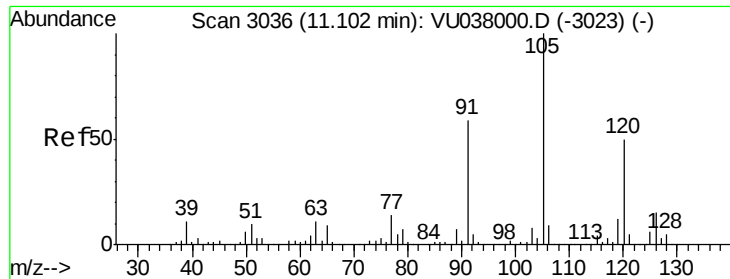
Tgt Ion:126 Resp: 50155

Ion Ratio Lower Upper

126 100

91 320.3 0.0 625.8





#75

1,3,5-Trimethylbenzene

Concen: 1.804 ug/l

RT: 11.10 min Scan# 3036

Delta R.T. 0.00 min

Lab File: VU038014.D

Acq: 05 May 2020 13:41

Instrument :

MSVOA_U

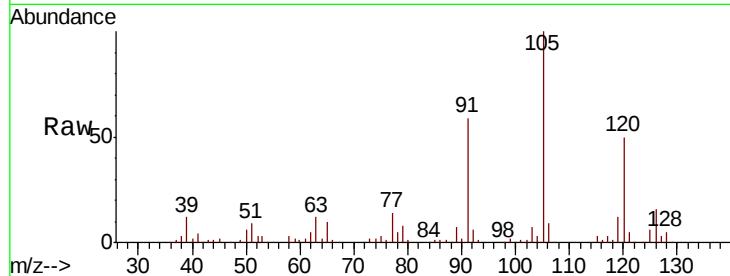
ClientSampled :

Tot Ion:105 Resp: 179275

Ion Ratio Lower Upper

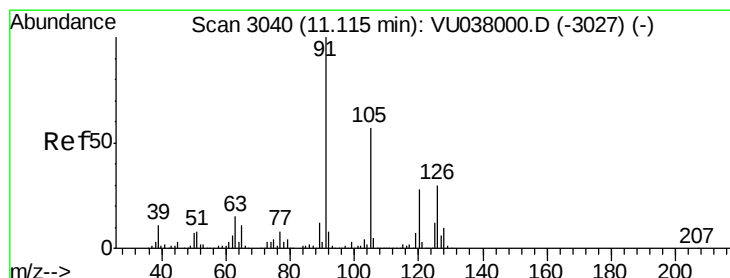
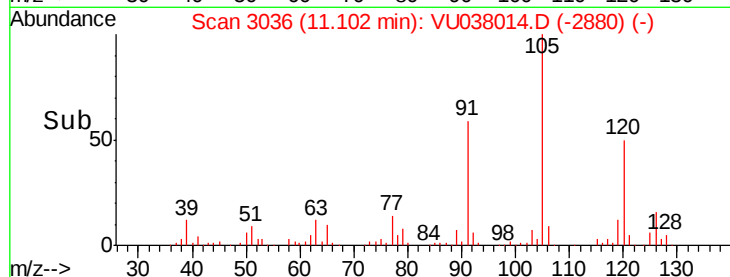
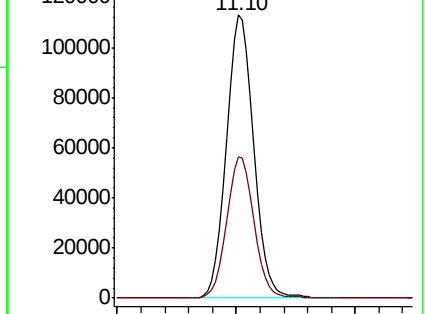
105 100

120 49.9 39.8 59.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#76

4-Chlorotoluene

Concen: 1.891 ug/l

RT: 11.11 min Scan# 3040

Delta R.T. 0.00 min

Lab File: VU038014.D

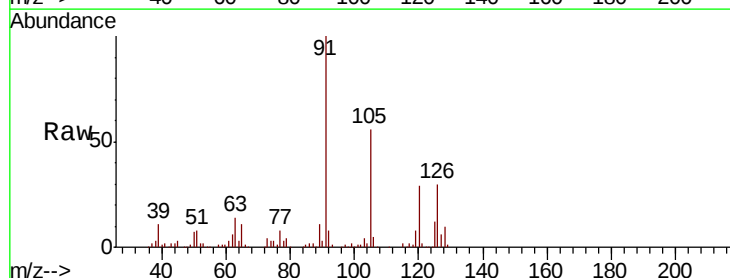
Acq: 05 May 2020 13:41

Tgt Ion:126 Resp: 54295

Ion Ratio Lower Upper

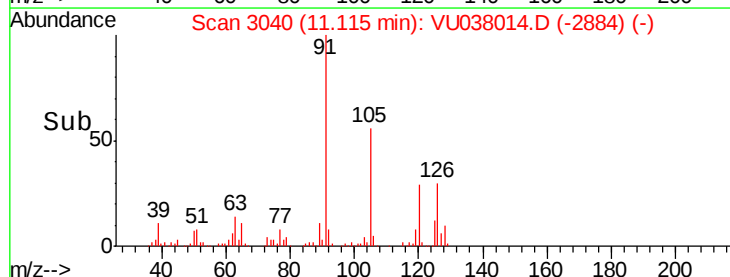
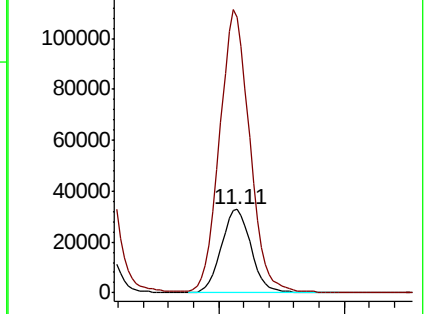
126 100

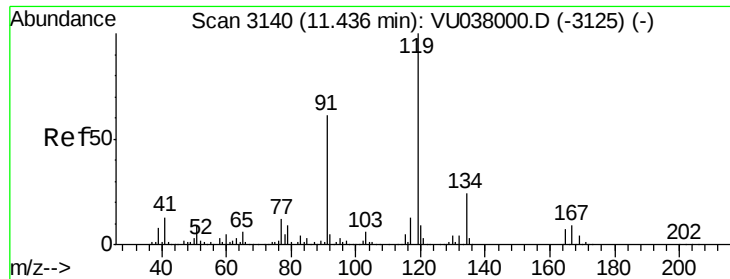
91 342.8 0.0 698.6



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0

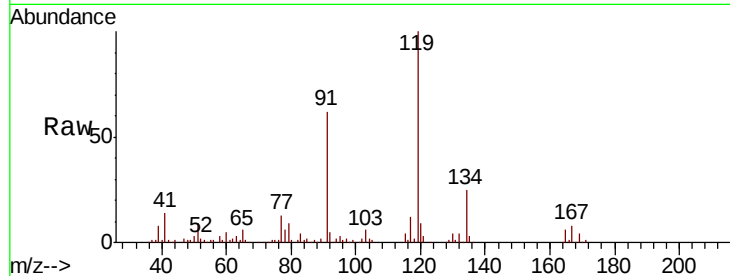




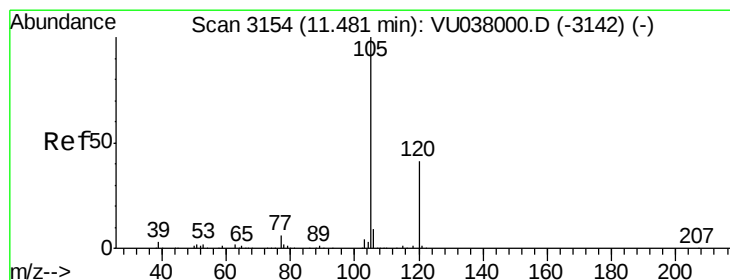
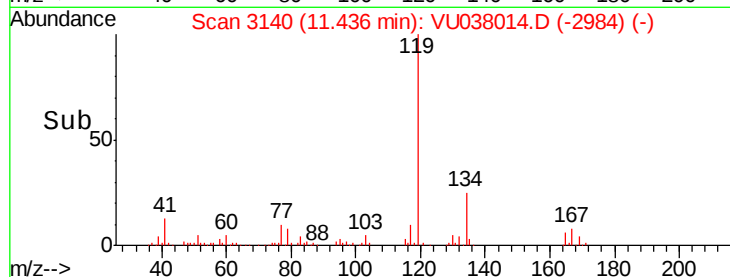
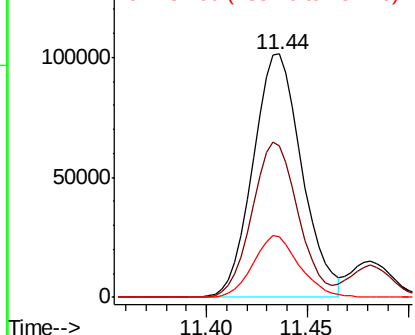
#77
 tert-Butylbenzene
 Concen: 1.812 ug/l
 RT: 11.44 min Scan# 3140
 Delta R.T. 0.00 min
 Lab File: VU038014.D
 Acq: 05 May 2020 13:41

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion:119 Resp: 171367
 Ion Ratio Lower Upper
 119 100
 91 60.4 30.1 90.5
 134 24.0 19.0 28.6

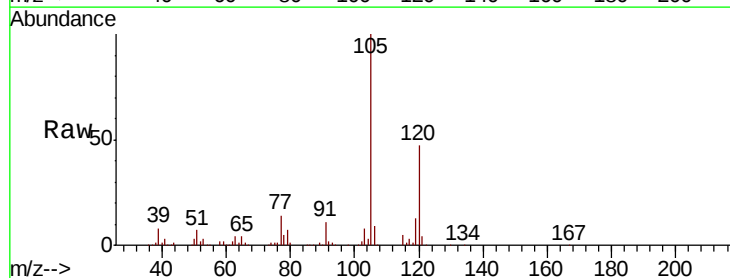


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

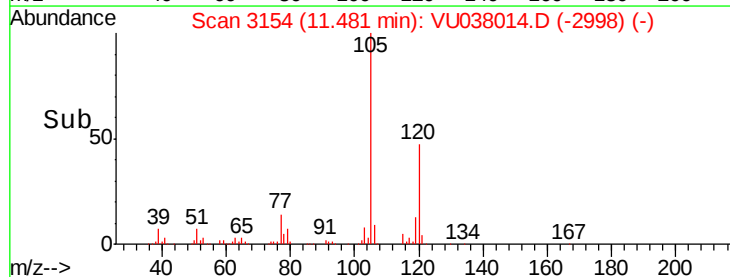
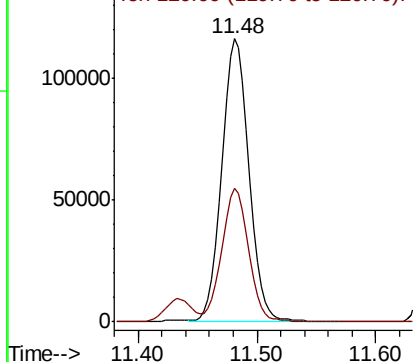


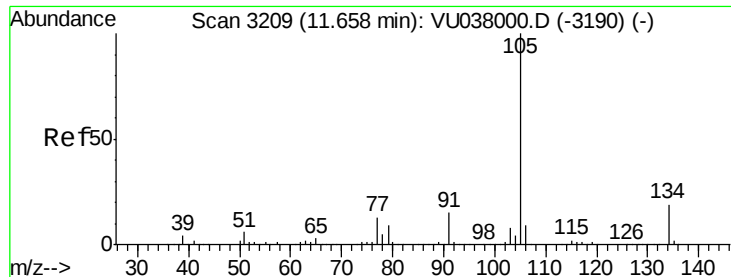
#78
 1,2,4-Trimethylbenzene
 Concen: 1.802 ug/l
 RT: 11.48 min Scan# 3154
 Delta R.T. 0.00 min
 Lab File: VU038014.D
 Acq: 05 May 2020 13:41

Tgt Ion:105 Resp: 184401
 Ion Ratio Lower Upper
 105 100
 120 46.6 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#79

sec-Butylbenzene

Concen: 1.846 ug/l

RT: 11.66 min Scan# 3209

Delta R.T. 0.00 min

Lab File: VU038014.D

Acq: 05 May 2020 13:41

Instrument :

MSVOA_U

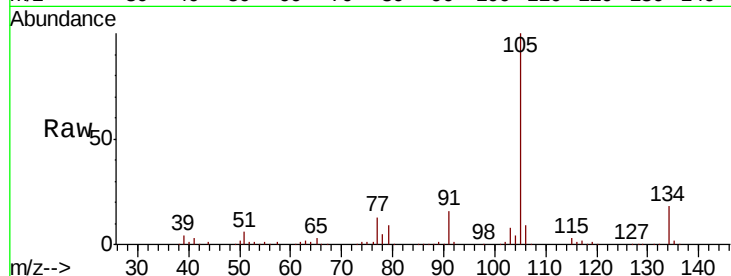
ClientSampleId :

Tot Ion:105 Resp: 250046

Ion Ratio Lower Upper

105 100

134 18.4 15.4 23.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.66

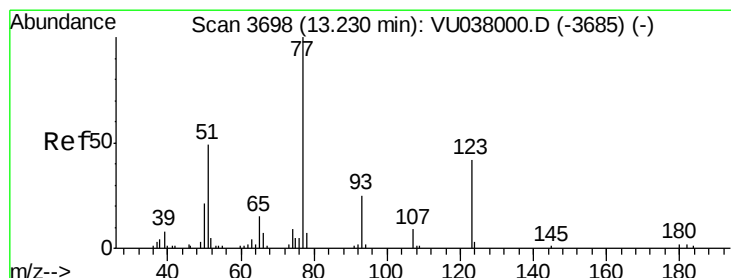
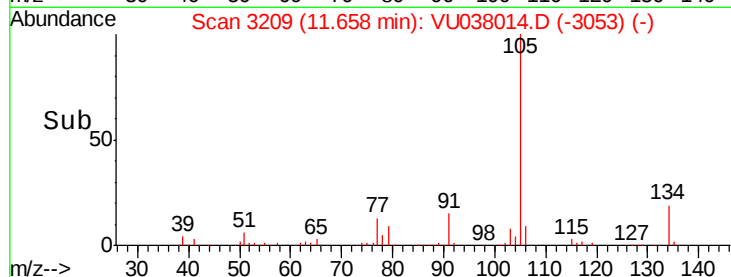
150000

100000

50000

0

Time-->



#80

Nitrobenzene

Concen: 6.534 ug/l

RT: 13.23 min Scan# 3697

Delta R.T. -0.00 min

Lab File: VU038014.D

Acq: 05 May 2020 13:41

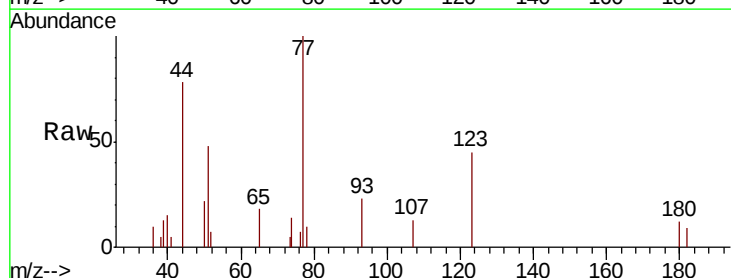
Tgt Ion: 77 Resp: 4521

Ion Ratio Lower Upper

77 100

123 37.8 17.6 62.6

65 16.2 13.2 16.8



Abundance Ion 77.00 (76.70 to 77.70): VU0

Ion 123.00 (122.70 to 123.70): V

Ion 65.00 (64.70 to 65.70): VU0

3000

2500

2000

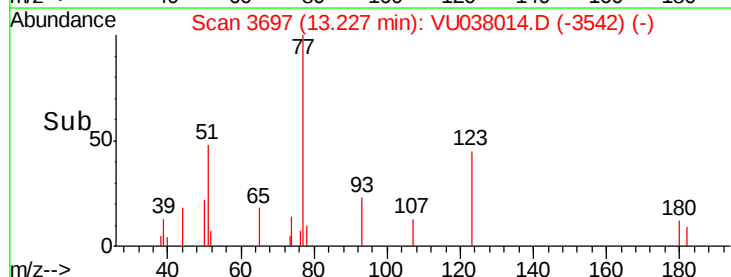
1500

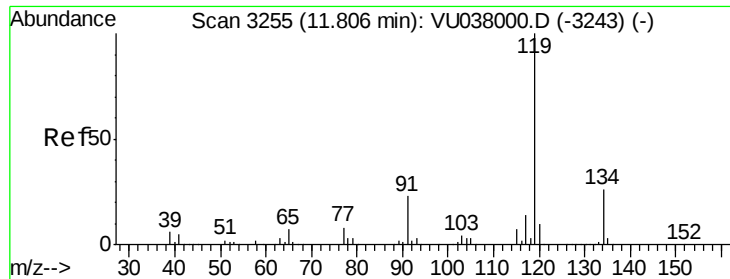
1000

500

0

Time-->

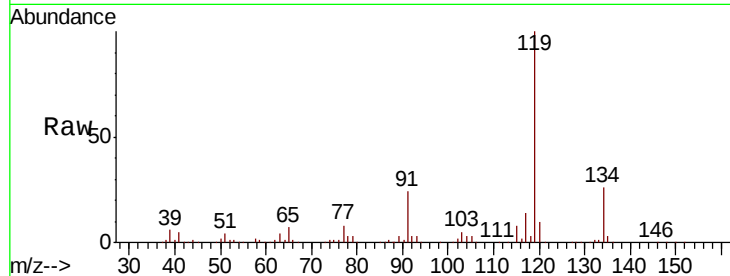




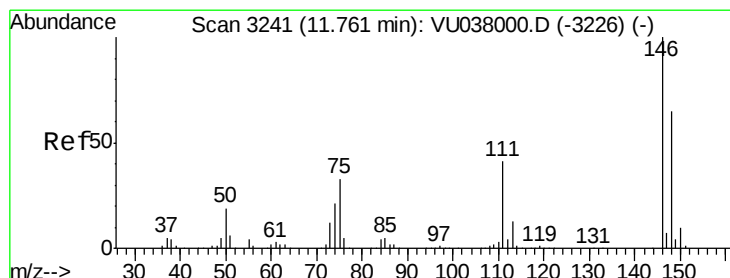
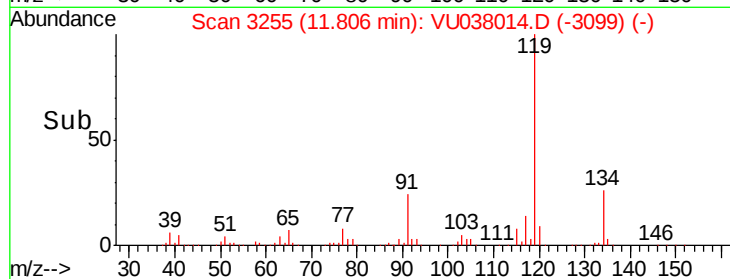
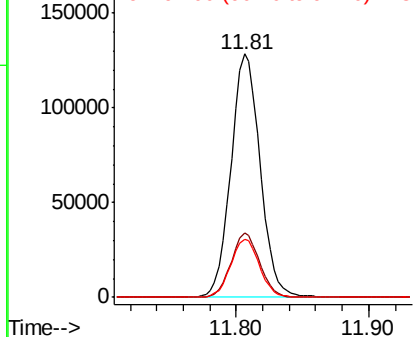
#81
 p-Isopropyltoluene
 Concen: 1.798 ug/l
 RT: 11.81 min Scan# 3255
 Delta R.T. 0.00 min
 Lab File: VU038014.D
 Acq: 05 May 2020 13:41

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
119	100		
134	25.8	20.6	31.0
91	23.6	18.6	28.0

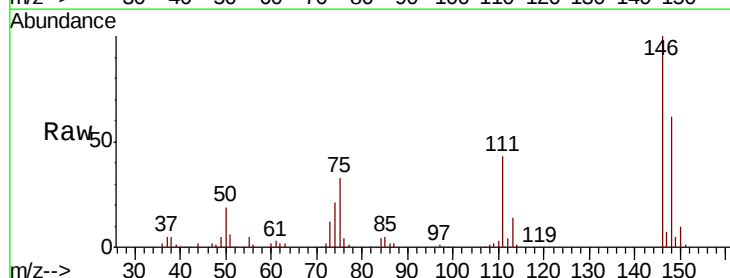


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V

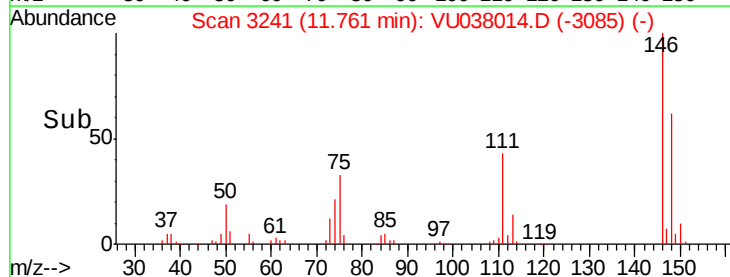
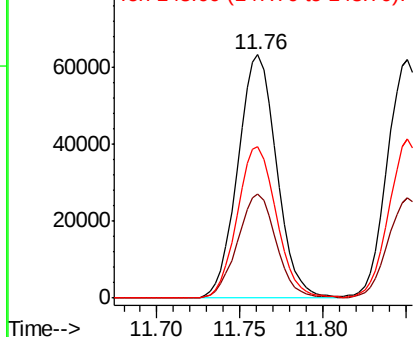


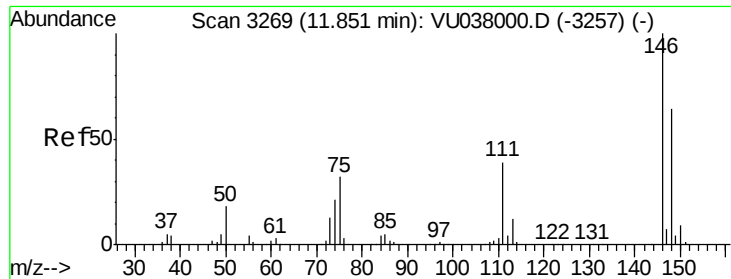
#82
 1,3-Dichlorobenzene
 Concen: 1.862 ug/l
 RT: 11.76 min Scan# 3241
 Delta R.T. 0.00 min
 Lab File: VU038014.D
 Acq: 05 May 2020 13:41

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.5	33.0	49.4
148	62.8	51.4	77.2



Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

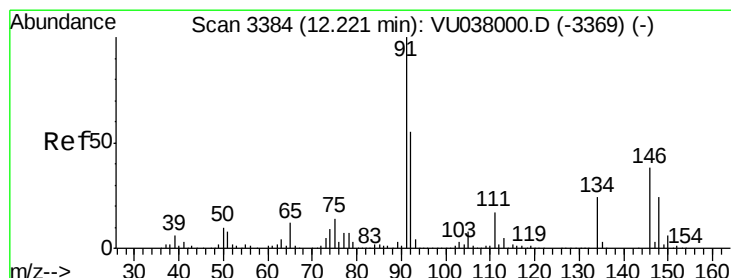
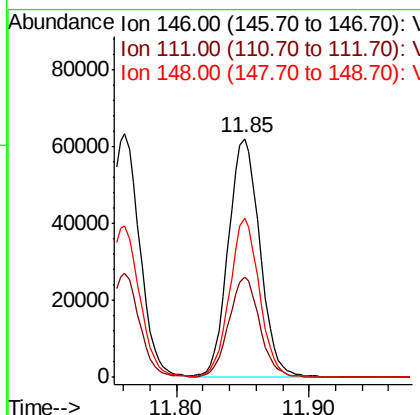
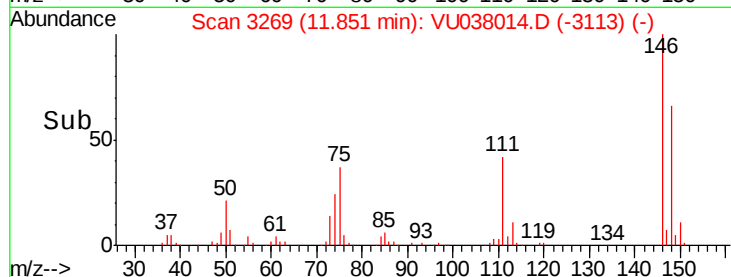
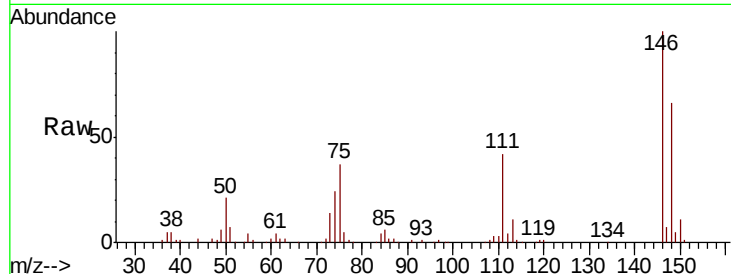




#83
 1,4-Dichlorobenzene
 Concen: 1.836 ug/l
 RT: 11.85 min Scan# 3269
 Delta R.T. 0.00 min
 Lab File: VU038014.D
 Acq: 05 May 2020 13:41

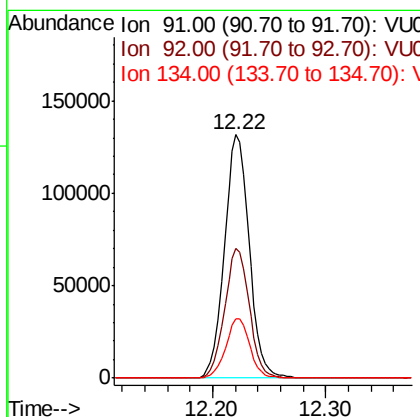
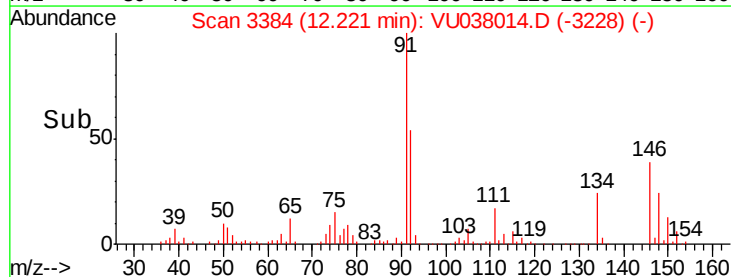
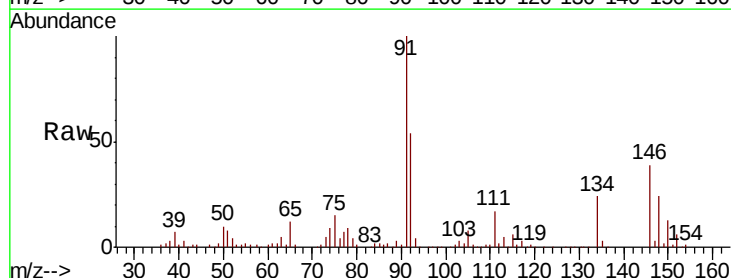
Instrument :
 MSVOA_U
 ClientSampled :

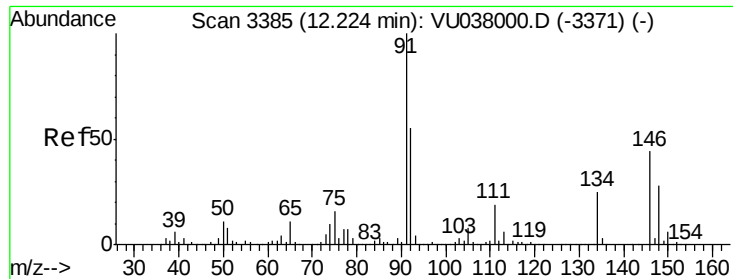
Tot Ion:146 Resp: 103173
 Ion Ratio Lower Upper
 146 100
 111 41.0 31.8 47.6
 148 62.8 51.2 76.8



#84
 n-Butylbenzene
 Concen: 1.834 ug/l
 RT: 12.22 min Scan# 3384
 Delta R.T. 0.00 min
 Lab File: VU038014.D
 Acq: 05 May 2020 13:41

Tgt Ion: 91 Resp: 200229
 Ion Ratio Lower Upper
 91 100
 92 53.2 43.8 65.6
 134 24.0 19.4 29.2

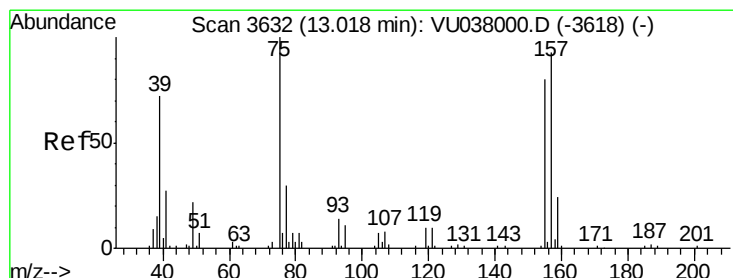
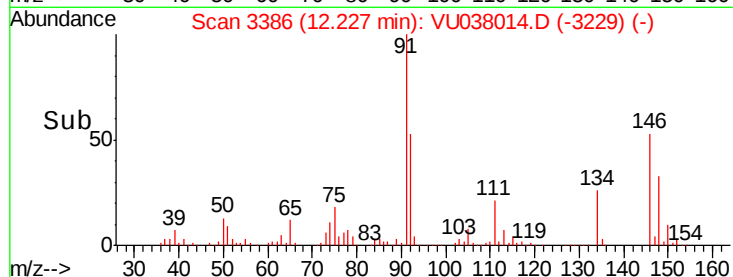
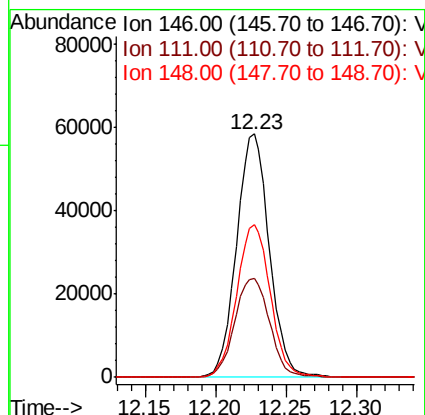
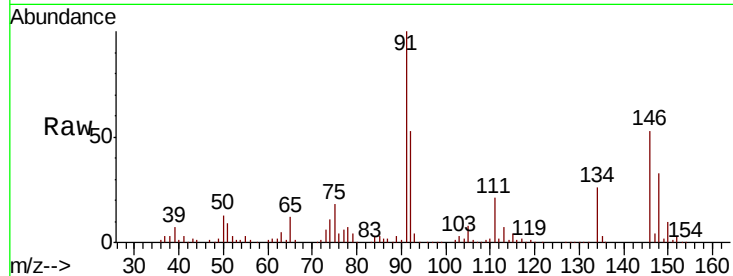




#85
 1,2-Dichlorobenzene
 Concen: 1.839 ug/l
 RT: 12.23 min Scan# 3386
 Delta R.T. 0.00 min
 Lab File: VU038014.D
 Acq: 05 May 2020 13:41

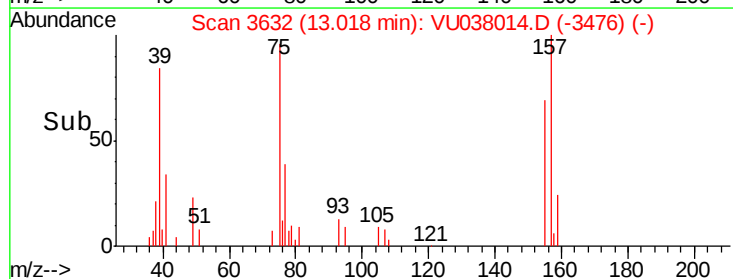
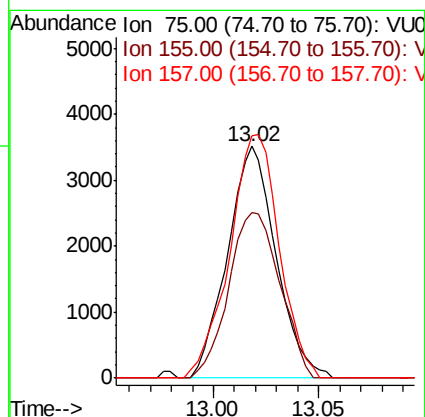
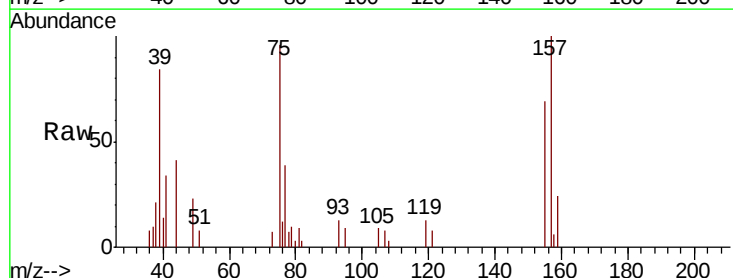
Instrument :
 MSVOA_U
 ClientSampleId :

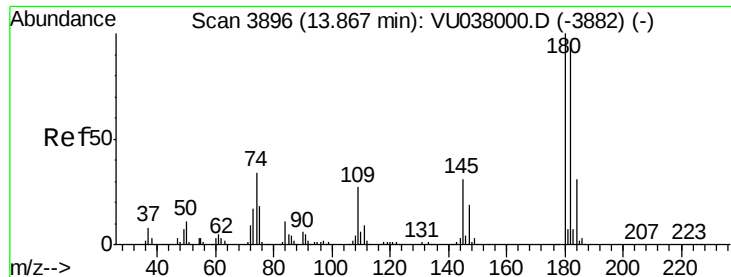
Tot Ion:146 Resp: 95057
 Ion Ratio Lower Upper
 146 100
 111 43.7 21.9 65.8
 148 64.5 31.8 95.4



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 1.527 ug/l
 RT: 13.02 min Scan# 3632
 Delta R.T. 0.00 min
 Lab File: VU038014.D
 Acq: 05 May 2020 13:41

Tgt Ion: 75 Resp: 5613
 Ion Ratio Lower Upper
 75 100
 155 75.3 60.9 91.3
 157 107.5 78.1 117.1

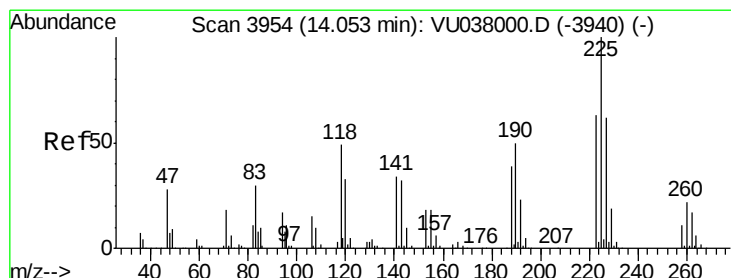
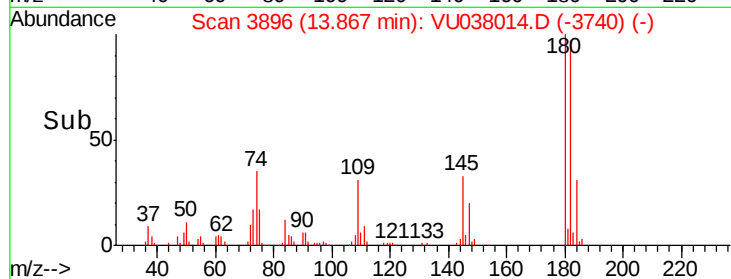
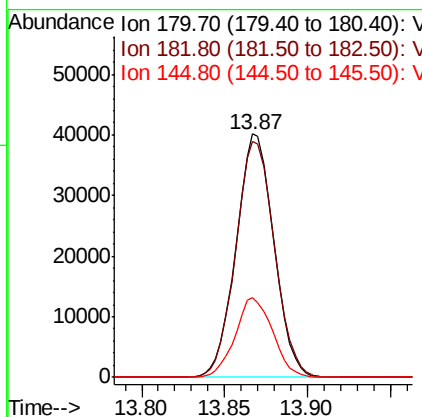
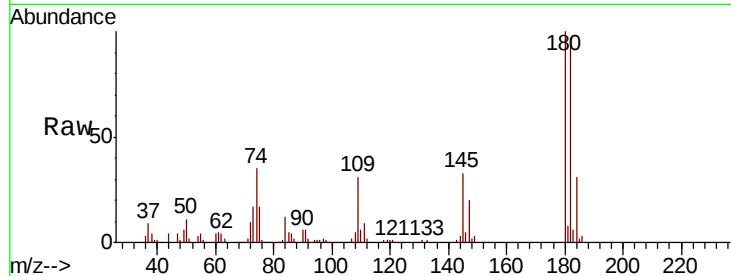




#87
 1,2,4-Trichlorobenzene
 Concen: 1.683 ug/l
 RT: 13.87 min Scan# 3896
 Delta R.T. 0.00 min
 Lab File: VU038014.D
 Acq: 05 May 2020 13:41

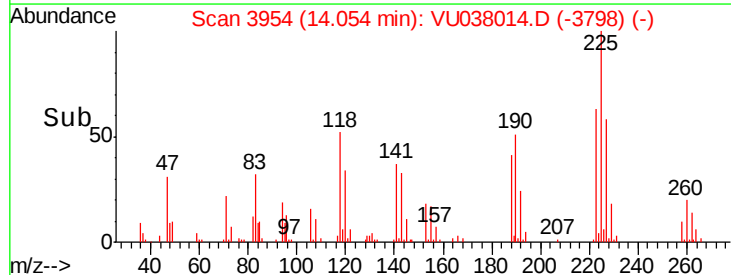
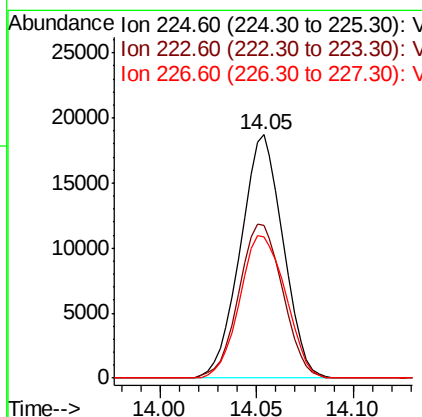
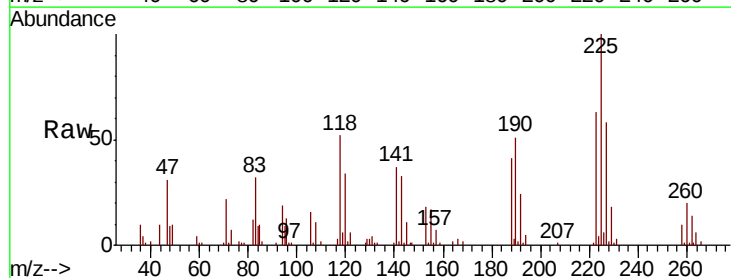
Instrument :
 MSVOA_U
 ClientSampled :

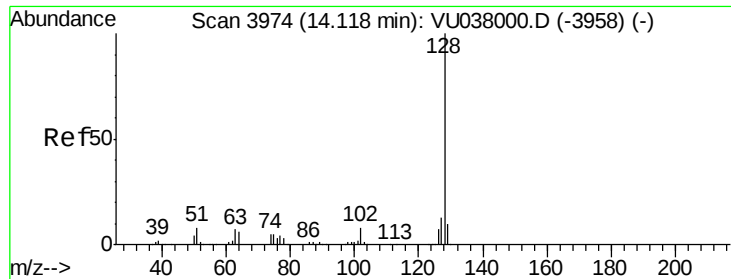
Tot Ion	Ratio	Lower	Upper
180	100		
182	99.0	76.9	115.3
145	32.3	24.7	37.1



#88
 Hexachlorobutadiene
 Concen: 1.704 ug/l
 RT: 14.05 min Scan# 3954
 Delta R.T. 0.00 min
 Lab File: VU038014.D
 Acq: 05 May 2020 13:41

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.9	51.3	76.9
227	62.6	49.2	73.8





#89

Naphthalene

Concen: 1.688 ug/l

RT: 14.12 min Scan# 3974

Delta R.T. 0.00 min

Lab File: VU038014.D

Acq: 05 May 2020 13:41

Instrument :

MSVOA_U

ClientSampled :

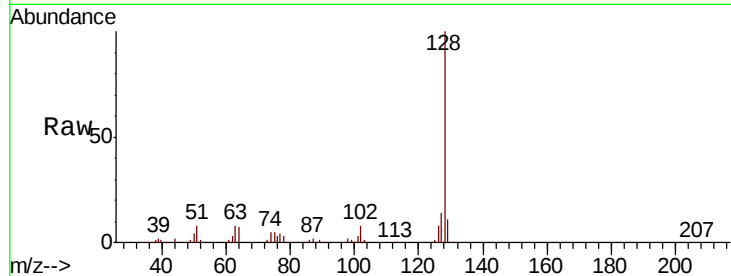
Tot Ion:128 Resp: 122625

Ion Ratio Lower Upper

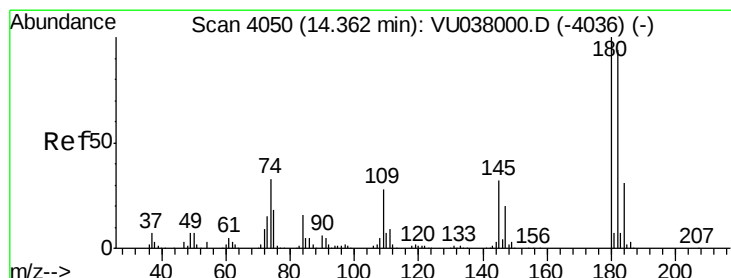
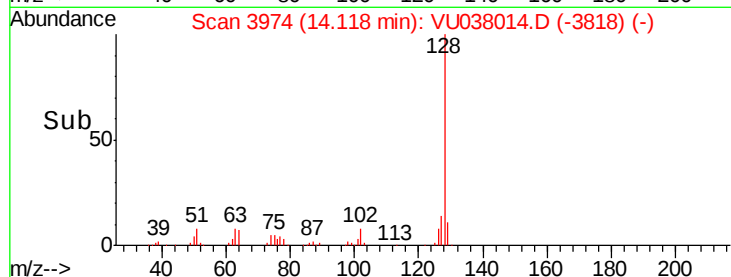
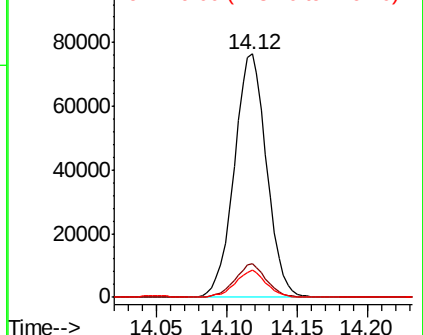
128 100

127 13.3 10.4 15.6

129 10.5 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#90

1,2,3-Trichlorobenzene

Concen: 1.748 ug/l

RT: 14.36 min Scan# 4050

Delta R.T. 0.00 min

Lab File: VU038014.D

Acq: 05 May 2020 13:41

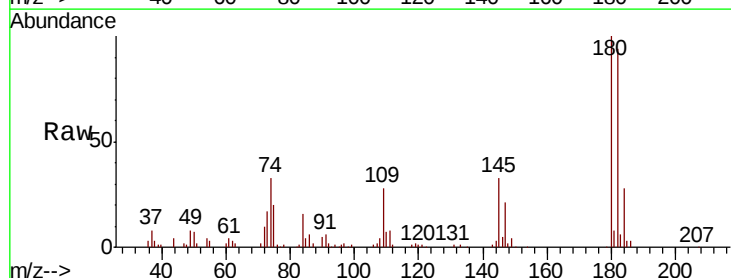
Tgt Ion:180 Resp: 58835

Ion Ratio Lower Upper

180 100

182 93.5 75.9 113.9

145 32.4 26.0 39.0



Abundance Ion 179.70 (179.40 to 180.40): V
Ion 181.70 (181.40 to 182.40): V
Ion 144.80 (144.50 to 145.50): V

