

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U050420\
 Data File : VU038002.D
 Acq On : 04 May 2020 14:34
 Operator : JC/MD
 Sample : VSTDICV010
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 05 02:22:27 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	92568	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.65	95	36309	1.01	ug/l	0.00
Spiked Amount 1.000			Recovery	=	101.00%	
68) 1,2-Dichlorobenzene-d4	12.21	152	35815	1.03	ug/l	0.00
Spiked Amount 1.000			Recovery	=	103.00%	
Target Compounds					Ovalue	
2) Dichlorodifluoromethane	1.39	85	198301	6.312	ug/l	100
3) Chloromethane	1.54	50	293450	7.888	ug/l	99
4) Vinyl Chloride	1.62	62	317536	8.570	ug/l	98
5) Bromomethane	1.87	94	173131	7.787	ug/l	98
6) Chloroethane	1.95	64	197488	8.921	ug/l	99
7) Trichlorofluoromethane	2.16	101	365118	9.453	ug/l	98
8) 1,1,2-Trichloro-1,2,2-trif	2.60	101	229587	9.534	ug/l	99
9) 1,1-Dichloroethene	2.60	96	236896	9.798	ug/l	98
10) Iodomethane	2.75	142	189216	8.343	ug/l	100
11) Allyl Chloride	2.95	41	457063	10.190	ug/l	97
12) Acrylonitrile	3.35	53	321735	48.679	ug/l	97
13) Acetone	2.66	43	326355	61.732	ug/l	96
14) Carbon Disulfide	2.82	76	809848	9.173	ug/l	99
15) Methylene Chloride	3.07	84	271718	9.614	ug/l	98
16) trans-1,2-Dichloroethene	3.38	96	261723	9.893	ug/l	98
17) 1,1-Dichloroethane	3.91	63	494516	9.855	ug/l	99
18) 2-Butanone	4.76	43	421699	53.199	ug/l	99
19) Cyclohexane	5.42	56	413728	8.503	ug/l	91
20) Methylcyclohexane	6.79	83	479523	10.053	ug/l	99
21) 2,2-Dichloropropane	4.70	77	412351	9.833	ug/l	99
22) cis-1,2-Dichloroethene	4.71	96	291459	10.421	ug/l	99
23) Diethyl Ether	2.40	59	196560	9.270	ug/l	100
24) tert-Butyl Alcohol	3.23	59	106480	45.251	ug/l	99
25) Methyl tert-Butyl Ether	3.41	73	640907	9.675	ug/l	99
26) Bromochloromethane	5.01	128	91854	8.160	ug/l	99
27) Chloroform	5.13	83	468898	9.964	ug/l	98
28) 1,1,1-Trichloroethane	5.35	97	389202	10.036	ug/l	99
29) 1,1-Dichloropropene	5.56	75	386467	9.902	ug/l	99
30) Carbon Tetrachloride	5.56	117	328461	10.123	ug/l	99
31) Isopropyl Ether	4.04	45	857732	10.387	ug/l #	1
33) Tert-Amyl methyl ether	5.81	73	19783	0.308	ug/l #	1
34) Propionitrile	4.82	54	223620	98.534	ug/l	99
35) Benzene	5.81	78	1092961	10.007	ug/l	99
36) 1,2-Dichloroethane	5.83	62	322968	9.996	ug/l	98
37) Trichloroethene	6.57	130	283077	9.872	ug/l	99
38) 1,2-Dichloropropane	6.82	63	289911	9.865	ug/l	98
39) Methacrylonitrile	5.02	41	100410	9.445	ug/l	98
40) Methyl acrylate	4.89	55	157922	10.081	ug/l	98
41) Tetrahydrofuran	5.10	42	249578	47.067	ug/l	99
42) 1-Chlorobutane	5.49	56	550163	9.783	ug/l	98
43) Dibromomethane	6.95	93	134959	9.857	ug/l	100

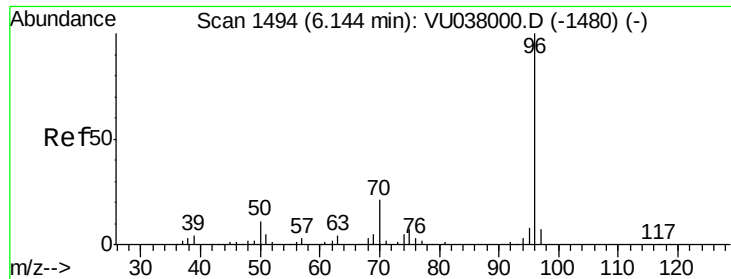
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050420\
 Data File : VU038002.D
 Acq On : 04 May 2020 14:34
 Operator : JC/MD
 Sample : VSTDICV010
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 05 02:22:27 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)
44) Bromodichloromethane	7.13	83	352348	10.246	ug/l	99
45) 4-Methyl-2-Pentanone	7.82	43	928269	49.749	ug/l	100
46) t-1,4-Dichloro-2-butene	10.84	75	252802	43.817	ug/l #	29
47) Methyl methacrylate	6.99	69	139332	10.008	ug/l	99
48) Ethyl methacrylate	8.36	69	278111	10.790	ug/l	99
49) Toluene	8.00	92	706351	10.229	ug/l	100
50) t-1,3-Dichloropropene	8.23	75	371403	10.572	ug/l	99
51) cis-1,3-Dichloropropene	7.63	75	448654	10.634	ug/l	99
52) 1,1,2-Trichloroethane	8.43	97	196066	10.113	ug/l	98
53) 1,3-Dichloropropane	8.60	76	365535	10.043	ug/l	99
54) 2-Hexanone	8.71	43	694324	52.719	ug/l	100
55) Dibromochloromethane	8.83	129	227198	10.576	ug/l	98
56) 1,2-Dibromoethane	8.95	107	181785	9.940	ug/l	97
58) Tetrachloroethene	8.58	164	283712	10.600	ug/l	99
59) Chlorobenzene	9.47	112	729662	9.952	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.56	131	231699	10.409	ug/l	100
61) Pentachloroethane	11.45	117	173368	10.398	ug/l	98
62) Hexachloroethane	12.49	117	170907	9.849	ug/l	99
63) Ethyl Benzene	9.59	91	1380990	10.587	ug/l	99
64) m/p-Xylenes	9.71	106	1066429	21.241	ug/l	99
65) o-Xylene	10.12	106	505524	10.330	ug/l	98
66) Styrene	10.13	104	869778	10.787	ug/l	99
67) Bromoform	10.31	173	121158	10.723	ug/l	98
69) Isopropylbenzene	10.50	105	1348517	10.553	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.80	83	251579	10.126	ug/l	99
71) 1,2,3-Trichloropropane	10.84	75	252802	13.760	ug/l #	54
72) Bromobenzene	10.80	156	304617	10.672	ug/l	98
73) n-propylbenzene	10.92	120	369626	10.541	ug/l	99
74) 2-Chlorotoluene	11.01	126	305195	10.369	ug/l	98
75) 1,3,5-Trimethylbenzene	11.10	105	1145520	10.831	ug/l	99
76) 4-Chlorotoluene	11.11	126	326525	10.682	ug/l	96
77) tert-Butylbenzene	11.44	119	1046702	10.397	ug/l	100
78) 1,2,4-Trimethylbenzene	11.48	105	1159353	10.646	ug/l	100
79) sec-Butylbenzene	11.66	105	1405007	9.743	ug/l	99
80) Nitrobenzene	13.23	77	6224	8.450	ug/l #	84
81) p-Isopropyltoluene	11.81	119	1259920	10.826	ug/l	100
82) 1,3-Dichlorobenzene	11.76	146	599285	10.140	ug/l	100
83) 1,4-Dichlorobenzene	11.85	146	608091	10.164	ug/l	99
84) n-Butylbenzene	12.22	91	1291818	11.118	ug/l	100
85) 1,2-Dichlorobenzene	12.23	146	556175	10.110	ug/l	99
86) 1,2-Dibromo-3-Chloropropan	13.02	75	38662	9.883	ug/l	97
87) 1,2,4-Trichlorobenzene	13.87	180	427068	10.618	ug/l	99
88) Hexachlorobutadiene	14.06	225	196904	10.950	ug/l	99
89) Naphthalene	14.12	128	826554	10.687	ug/l	100
90) 1,2,3-Trichlorobenzene	14.37	180	386331	10.781	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

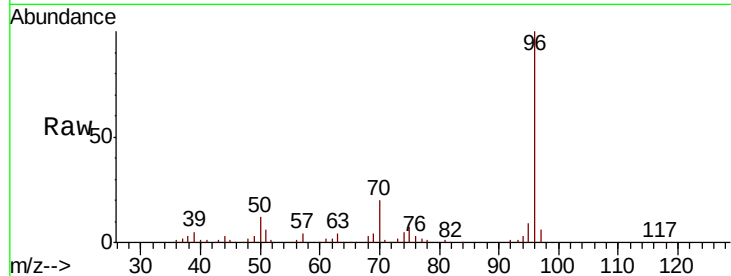
Delta R.T. 0.00 min

Lab File: VU038002.D

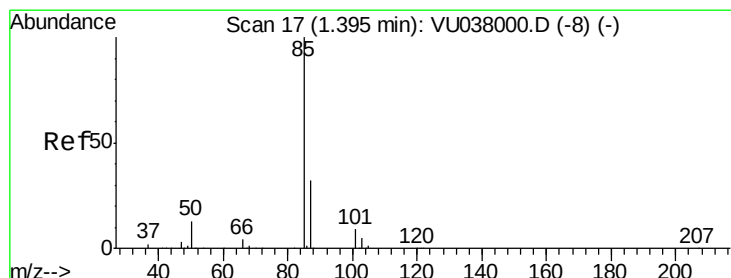
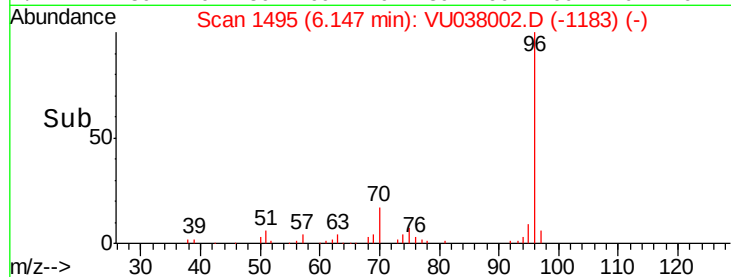
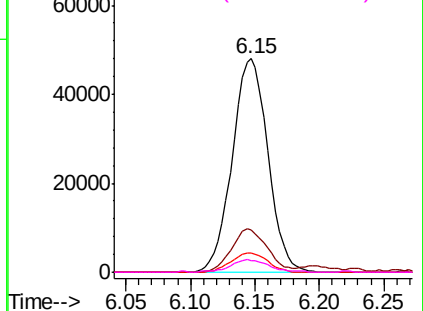
Acq: 04 May 2020 14:34

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:	96	Resp:	92568
Ion	Ratio	Lower	Upper
96	100		
70	18.1	14.4	21.6
95	9.0	7.1	10.7
97	0.0	0.0	0.0



Abundance Ion 96.00 (95.70 to 96.70): VU038000.D (-1480) (-)



#2

Dichlorodifluoromethane

Concen: 6.312 ug/l

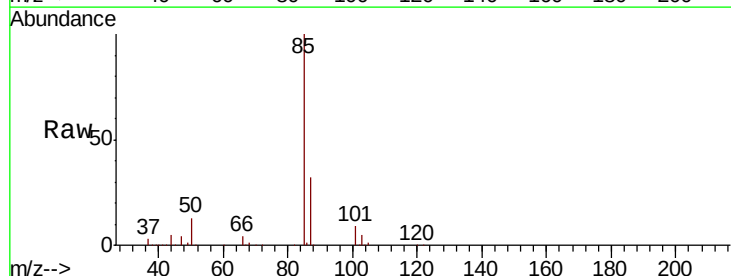
RT: 1.39 min Scan# 17

Delta R.T. 0.00 min

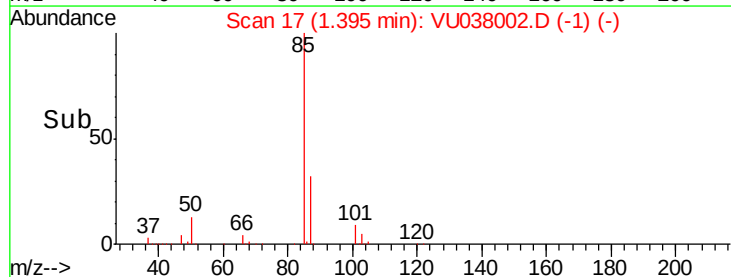
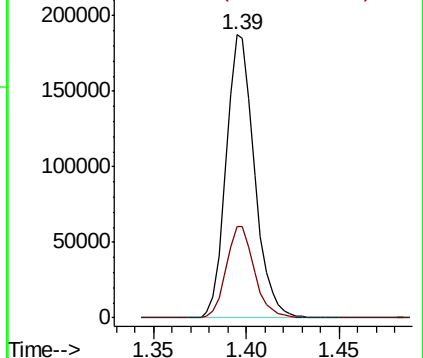
Lab File: VU038002.D

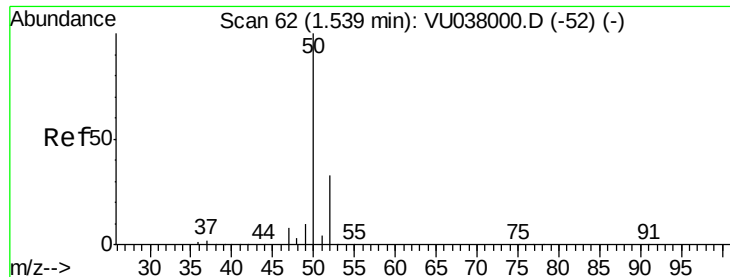
Acq: 04 May 2020 14:34

Tgt Ion:	85	Resp:	198301
Ion	Ratio	Lower	Upper
85	100		
87	32.5	16.2	48.5



Abundance Ion 85.00 (84.70 to 85.70): VU038000.D (-8) (-)





#3

Chloromethane

Concen: 7.888 ug/l

RT: 1.54 min Scan# 61

Delta R.T. -0.00 min

Lab File: VU038002.D

Acq: 04 May 2020 14:34

Instrument :

MSVOA_U

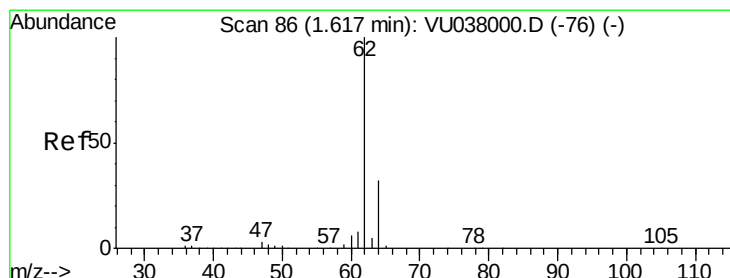
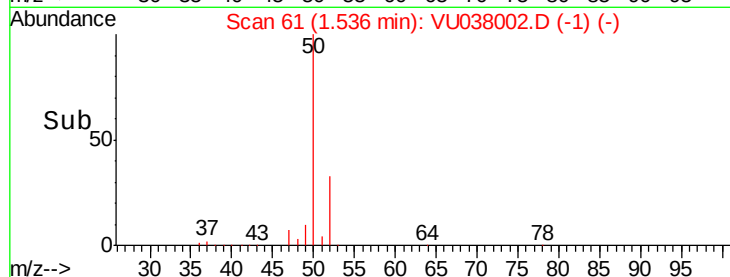
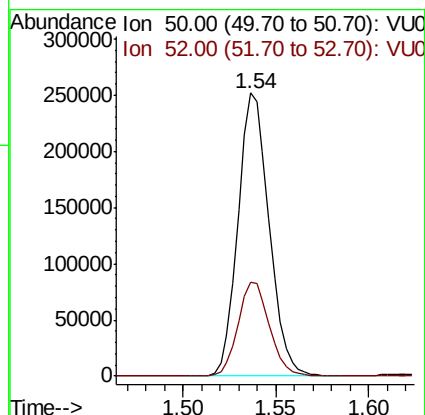
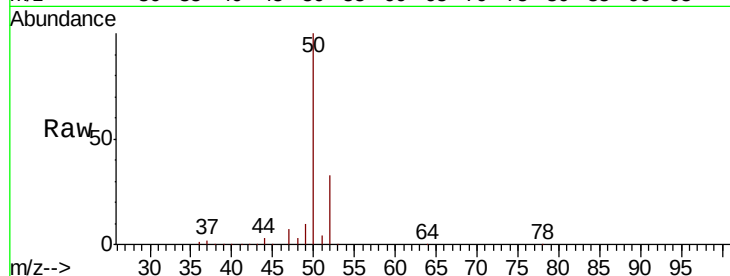
ClientSampled :

Tot Ion: 50 Resp: 293450

Ion Ratio Lower Upper

50 100

52 33.3 26.1 39.1



#4

Vinyl Chloride

Concen: 8.570 ug/l

RT: 1.62 min Scan# 86

Delta R.T. 0.00 min

Lab File: VU038002.D

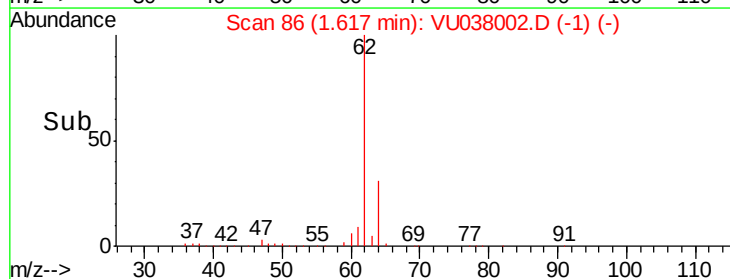
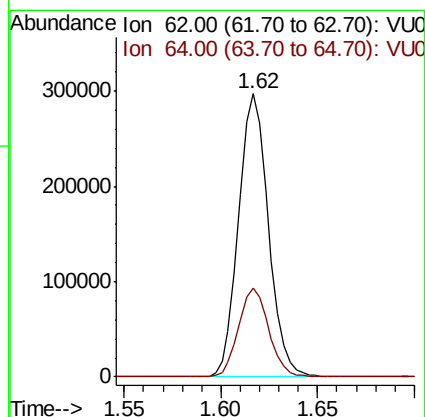
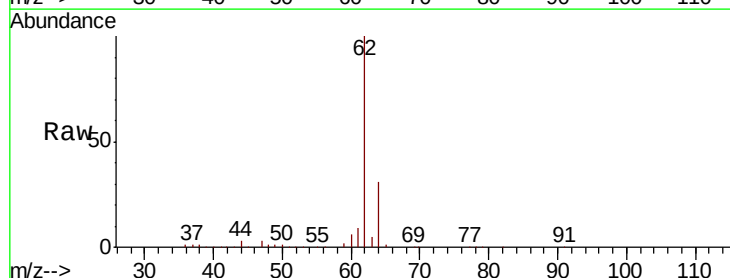
Acq: 04 May 2020 14:34

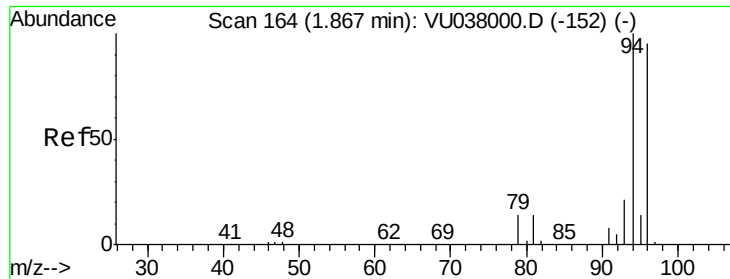
Tgt Ion: 62 Resp: 317536

Ion Ratio Lower Upper

62 100

64 31.2 25.7 38.5

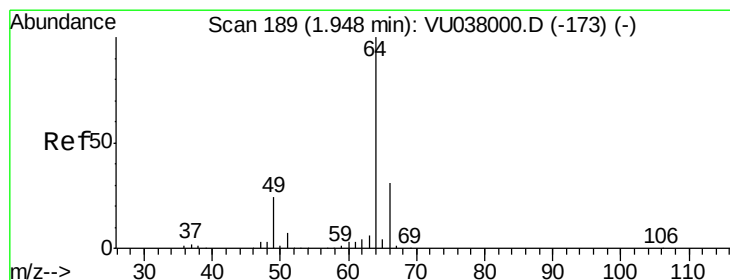
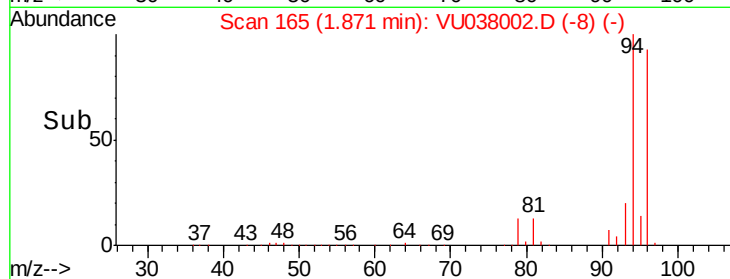
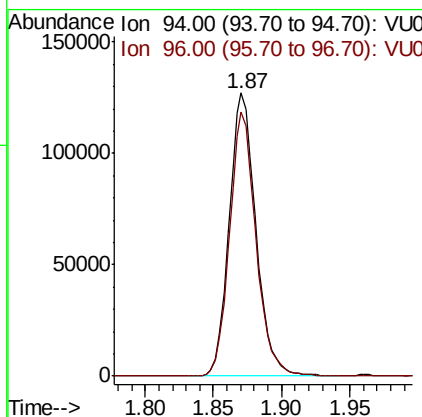
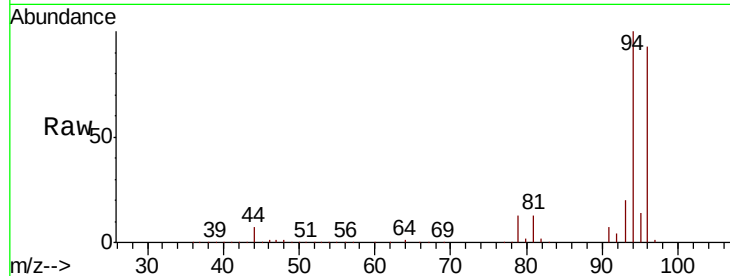




#5
Bromomethane
Concen: 7.787 ug/l
RT: 1.87 min Scan# 165
Delta R.T. 0.00 min
Lab File: VU038002.D
Acq: 04 May 2020 14:34

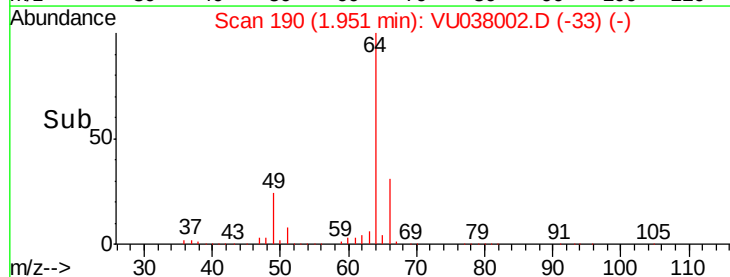
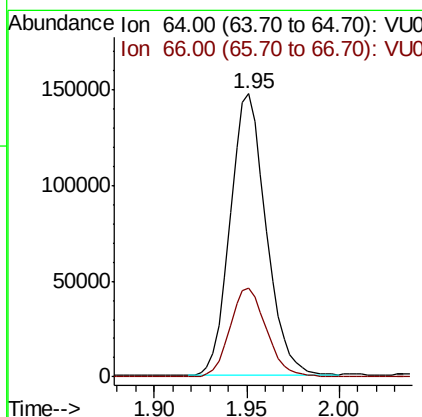
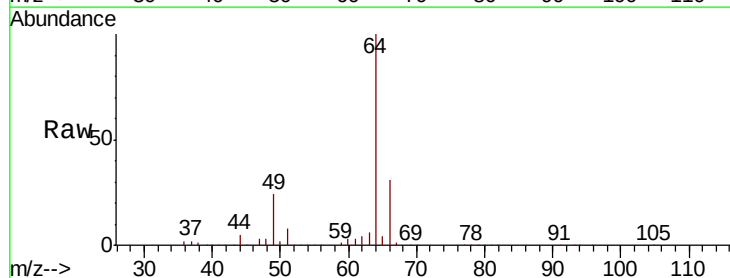
Instrument :
MSVOA_U
ClientSampled :

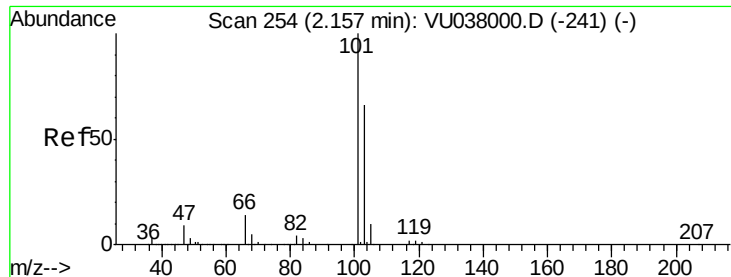
Tot Ion: 94 Resp: 173131
Ion Ratio Lower Upper
94 100
96 93.3 76.1 114.1



#6
Chloroethane
Concen: 8.921 ug/l
RT: 1.95 min Scan# 190
Delta R.T. 0.00 min
Lab File: VU038002.D
Acq: 04 May 2020 14:34

Tgt Ion: 64 Resp: 197488
Ion Ratio Lower Upper
64 100
66 31.4 24.8 37.2



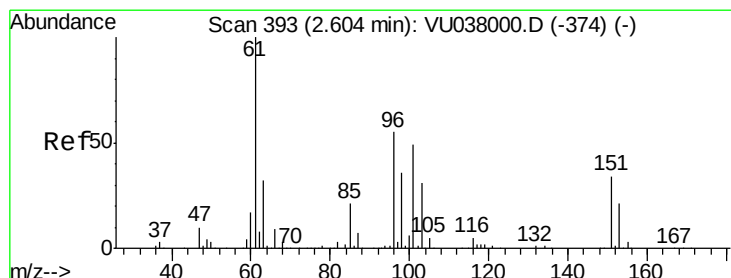
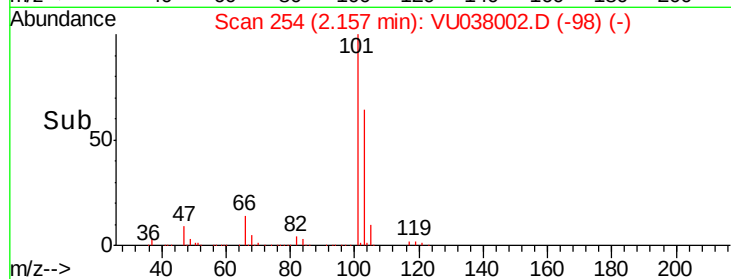
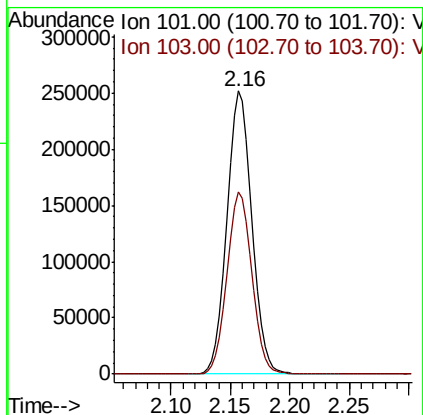
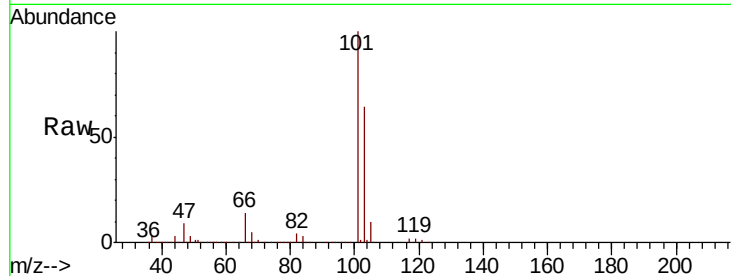


#7

Trichlorofluoromethane
 Concen: 9.453 ug/l
 RT: 2.16 min Scan# 254
 Delta R.T. 0.00 min
 Lab File: VU038002.D
 Acq: 04 May 2020 14:34

Instrument :
 MSVOA_U
 ClientSampled :

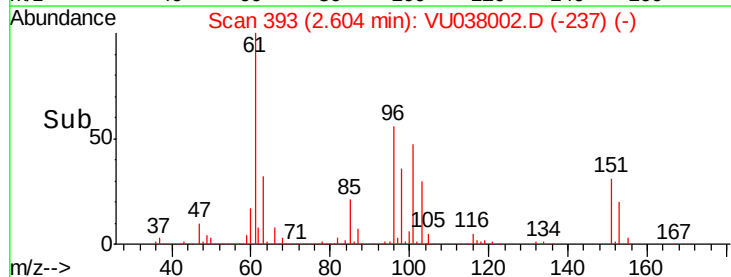
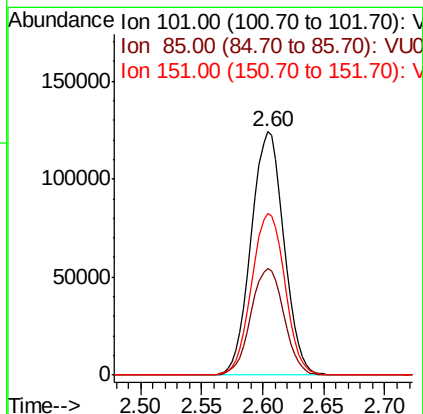
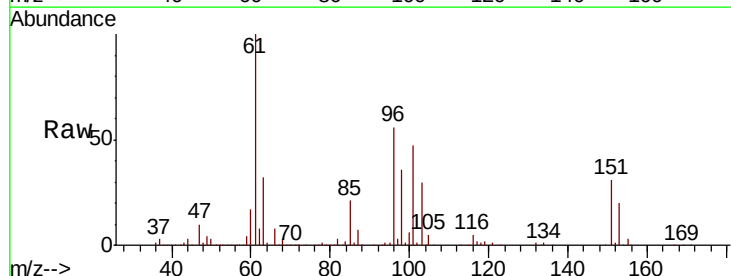
Tot Ion:101 Resp: 365118
 Ion Ratio Lower Upper
 101 100
 103 64.2 52.6 78.8

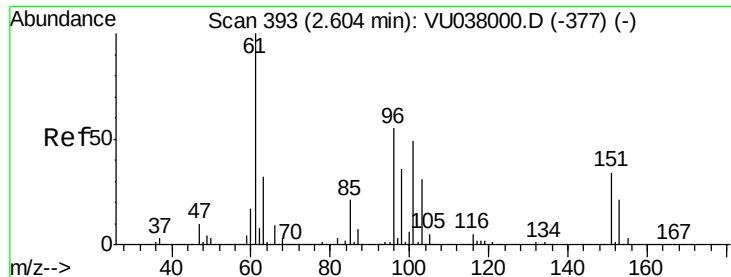


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 9.534 ug/l
 RT: 2.60 min Scan# 393
 Delta R.T. 0.00 min
 Lab File: VU038002.D
 Acq: 04 May 2020 14:34

Tgt Ion:101 Resp: 229587
 Ion Ratio Lower Upper
 101 100
 85 44.3 35.5 53.3
 151 67.9 55.2 82.8





#9

1,1-Dichloroethene

Concen: 9.798 ug/l

RT: 2.60 min Scan# 393

Delta R.T. 0.00 min

Lab File: VU038002.D

Acq: 04 May 2020 14:34

Instrument :
MSVOA_U
ClientSampled :

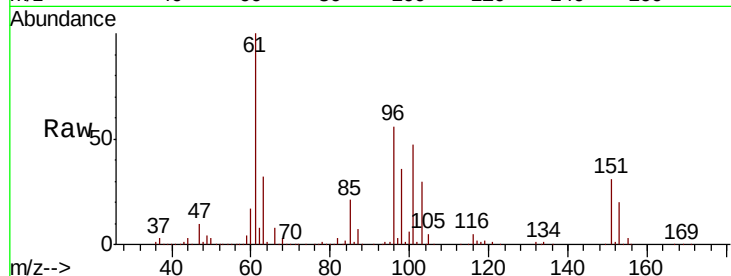
Tot Ion: 96 Resp: 236896

Ion Ratio Lower Upper

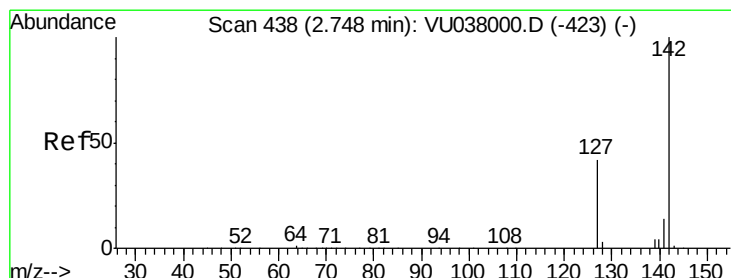
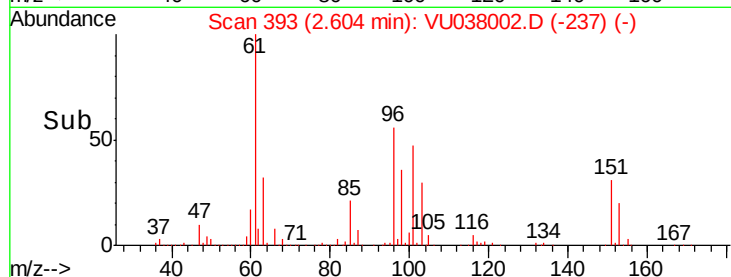
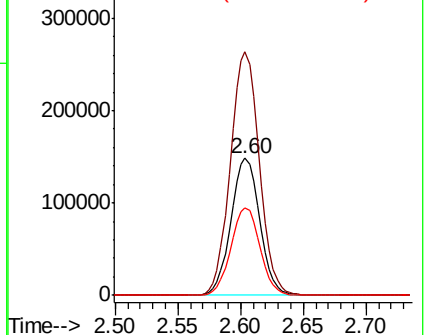
96 100

61 177.6 0.0 543.0

98 63.9 0.0 129.4



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 98.00 (97.70 to 98.70): VU0



#10

Iodomethane

Concen: 8.343 ug/l

RT: 2.75 min Scan# 438

Delta R.T. 0.00 min

Lab File: VU038002.D

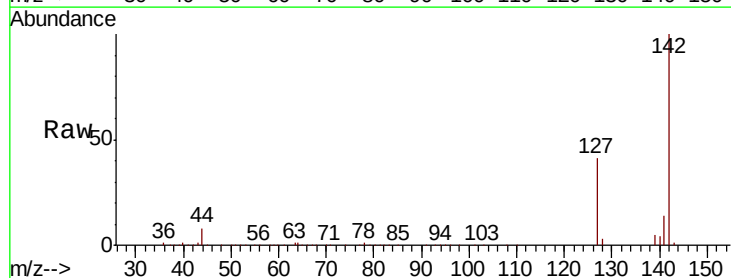
Acq: 04 May 2020 14:34

Tgt Ion:142 Resp: 189216

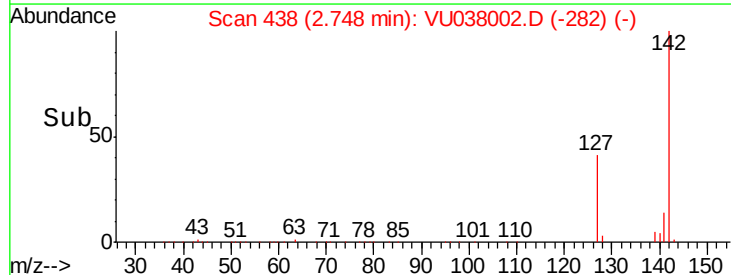
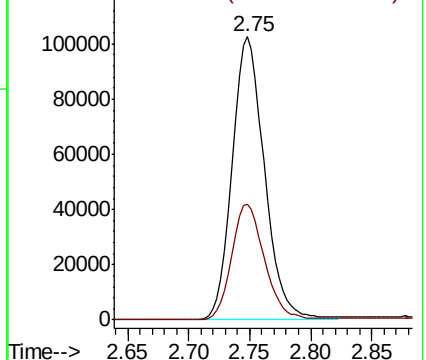
Ion Ratio Lower Upper

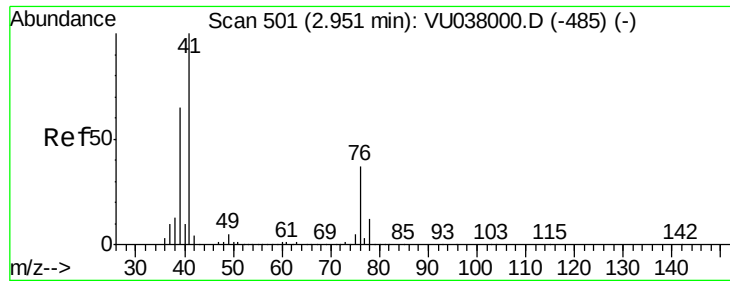
142 100

127 42.0 33.5 50.3



Abundance Ion 142.00 (141.70 to 142.70): V
Ion 127.00 (126.70 to 127.70): V

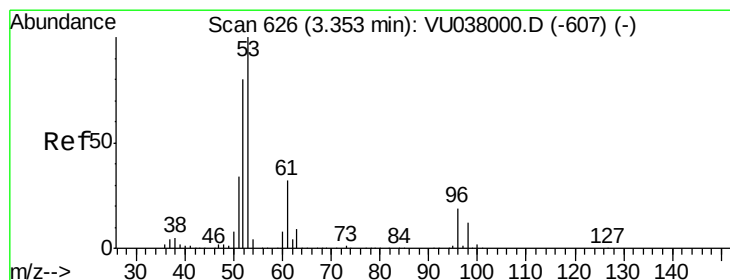
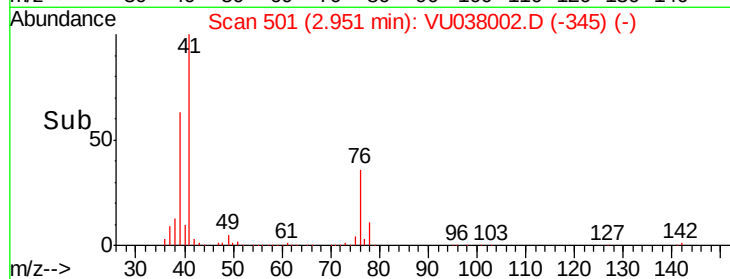
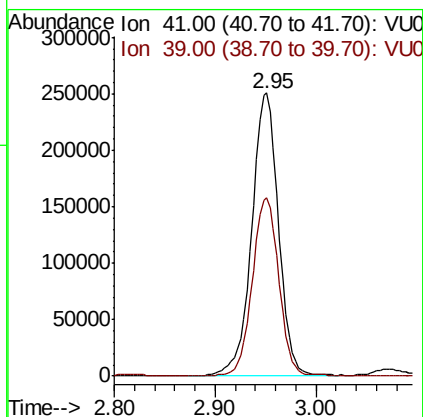
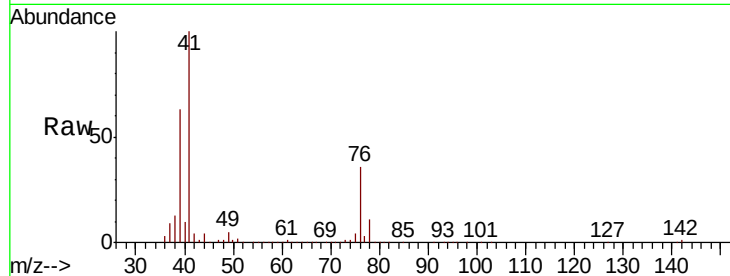




#11
 Allvl Chloride
 Concen: 10.190 ug/l
 RT: 2.95 min Scan# 501
 Delta R.T. 0.00 min
 Lab File: VU038002.D
 Acq: 04 May 2020 14:34

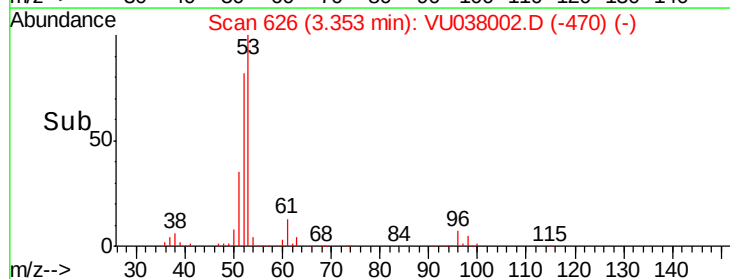
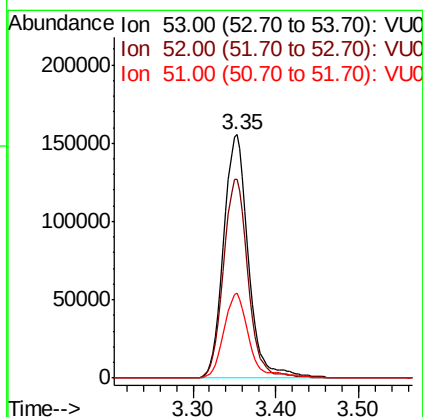
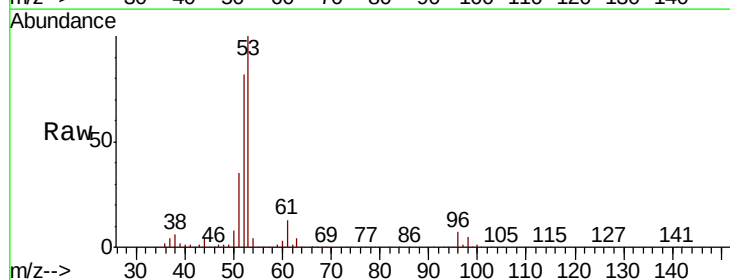
Instrument :
 MSVOA_U
 ClientSampled :

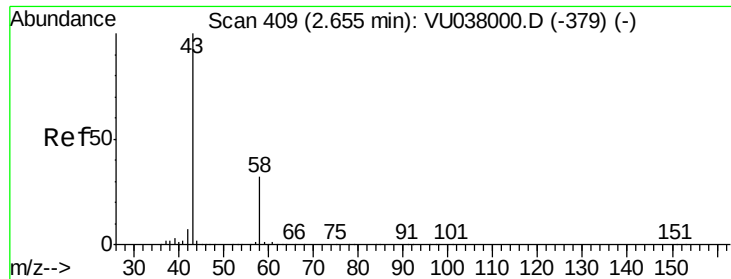
Tot Ion: 41 Resp: 457063
 Ion Ratio Lower Upper
 41 100
 39 62.0 51.7 77.5



#12
 Acrylonitrile
 Concen: 48.679 ug/l
 RT: 3.35 min Scan# 626
 Delta R.T. 0.00 min
 Lab File: VU038002.D
 Acq: 04 May 2020 14:34

Tgt Ion: 53 Resp: 321735
 Ion Ratio Lower Upper
 53 100
 52 81.2 63.3 94.9
 51 35.4 30.2 45.2

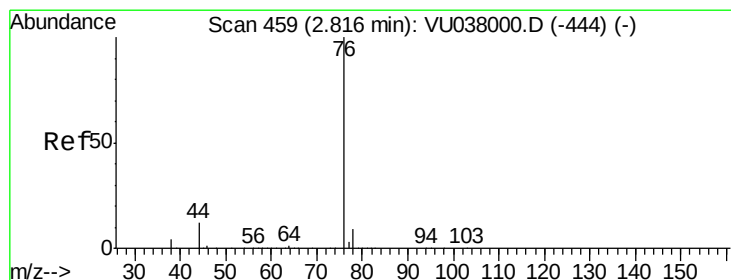
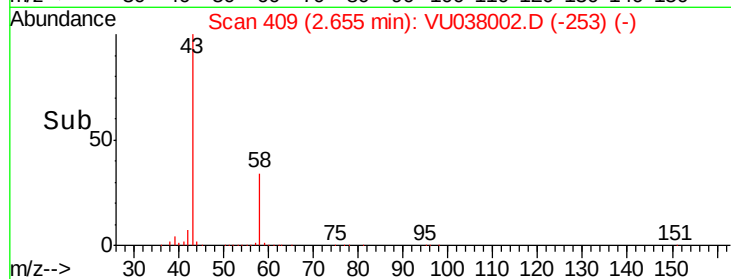
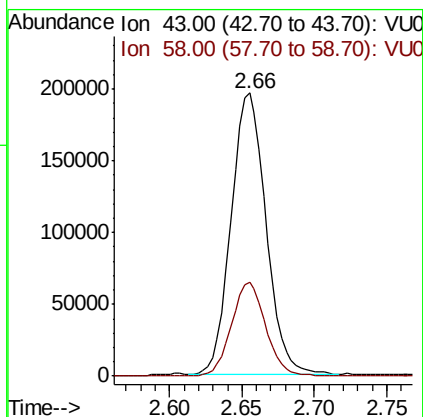
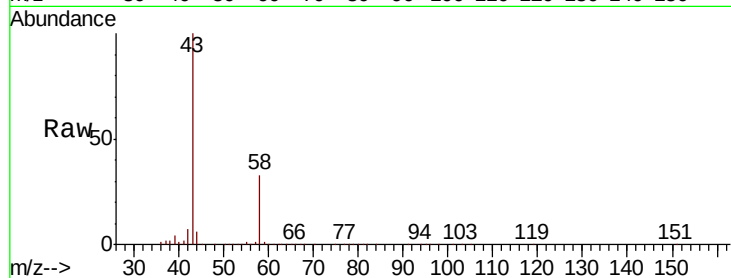




#13
Acetone
Concen: 61.732 ug/l
RT: 2.66 min Scan# 409
Delta R.T. 0.00 min
Lab File: VU038002.D
Acq: 04 May 2020 14:34

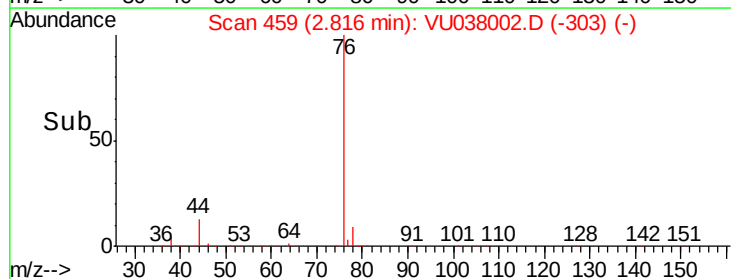
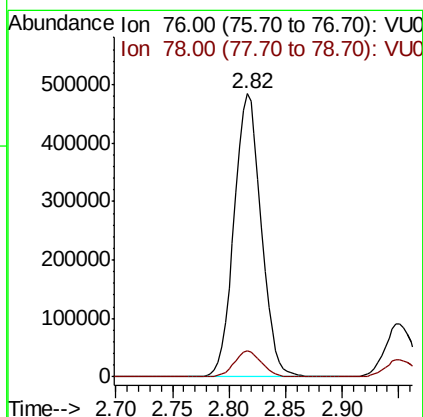
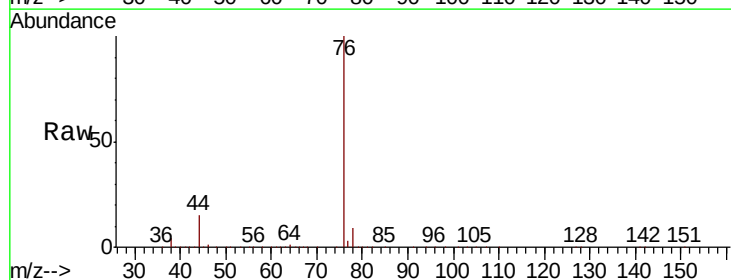
Instrument :
MSVOA_U
ClientSampleId :

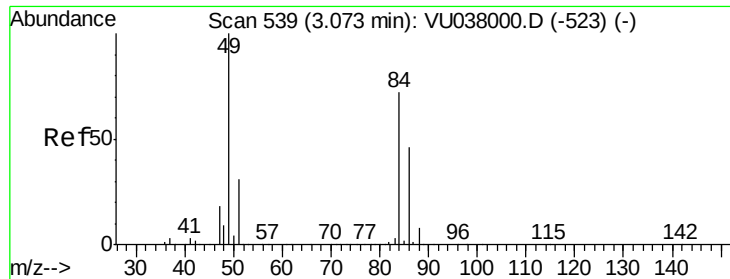
Tot Ion: 43 Resp: 326355
Ion Ratio Lower Upper
43 100
58 33.6 25.2 37.8



#14
Carbon Disulfide
Concen: 9.173 ug/l
RT: 2.82 min Scan# 459
Delta R.T. 0.00 min
Lab File: VU038002.D
Acq: 04 May 2020 14:34

Tgt Ion: 76 Resp: 809848
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.6

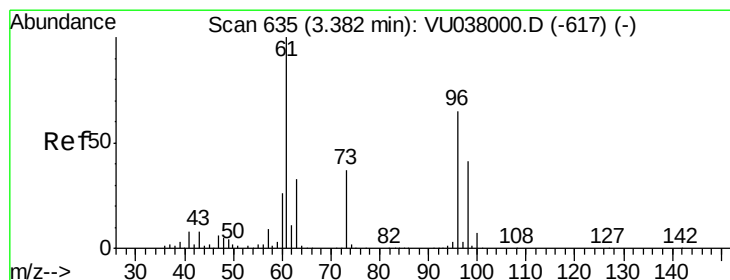
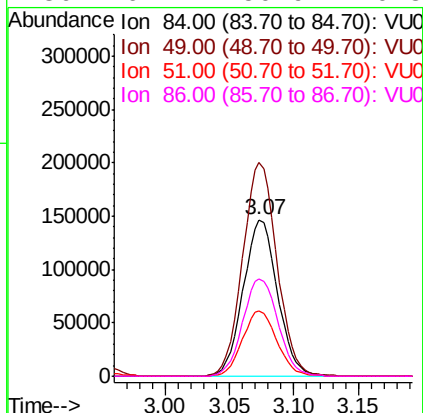
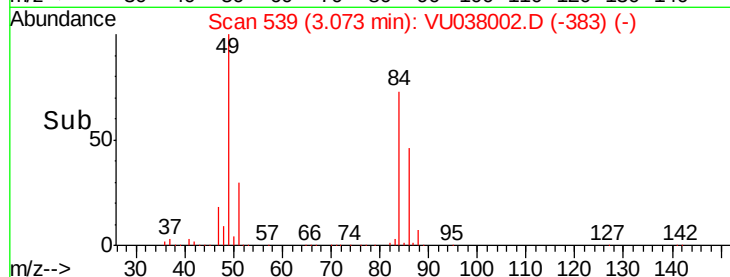
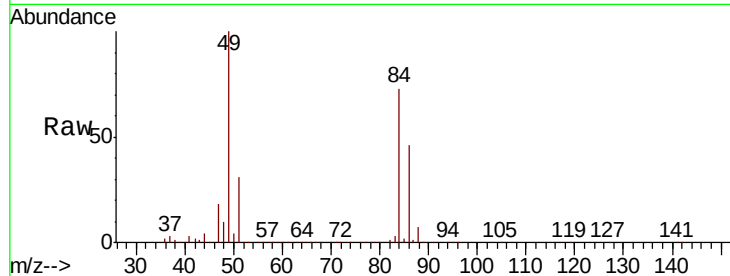




#15
Methylene Chloride
Concen: 9.614 ug/l
RT: 3.07 min Scan# 539
Delta R.T. 0.00 min
Lab File: VU038002.D
Acq: 04 May 2020 14:34

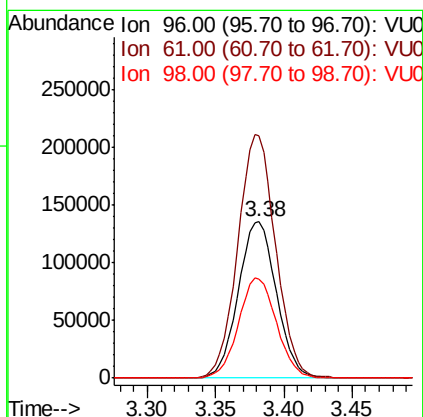
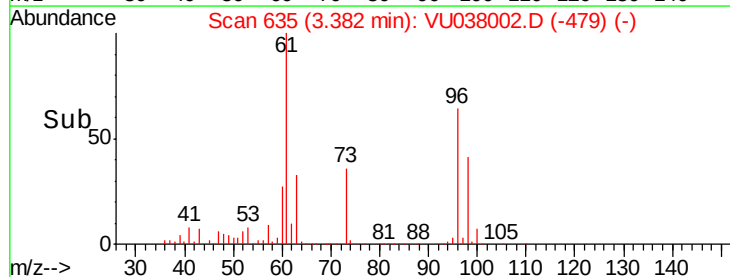
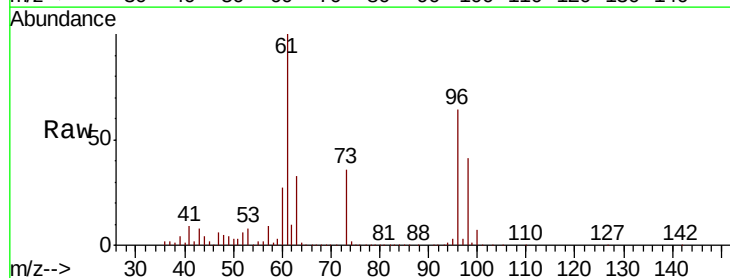
Instrument :
MSVOA_U
ClientSampled :

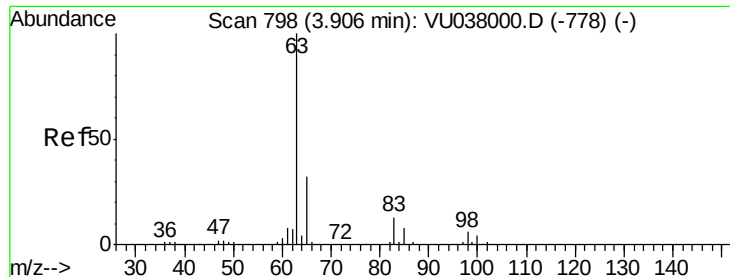
Tot Ion:	84	Resp:	271718
Ion	Ratio	Lower	Upper
84	100		
49	136.6	110.6	166.0
51	41.6	0.0	85.4
86	62.2	50.9	76.3



#16
trans-1,2-Dichloroethene
Concen: 9.893 ug/l
RT: 3.38 min Scan# 635
Delta R.T. 0.00 min
Lab File: VU038002.D
Acq: 04 May 2020 14:34

Tgt Ion:	96	Resp:	261723
Ion	Ratio	Lower	Upper
96	100		
61	155.1	122.4	183.6
98	63.7	50.1	75.1

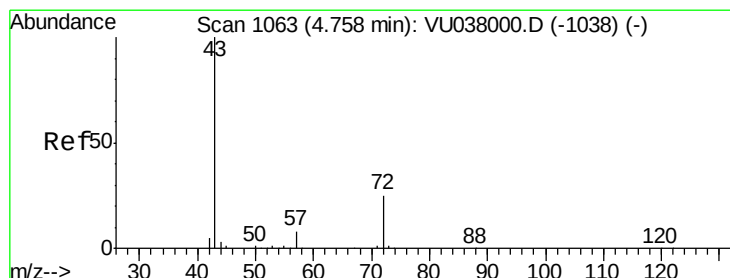
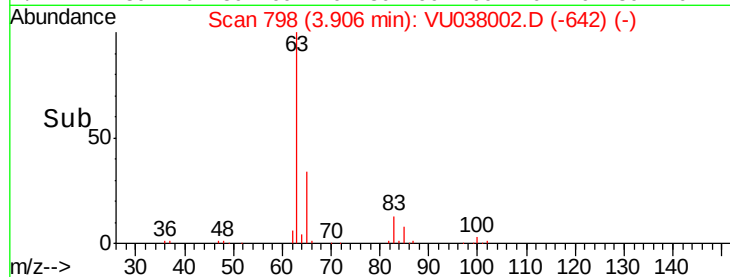
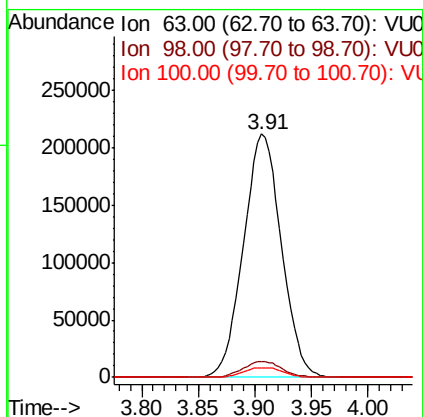
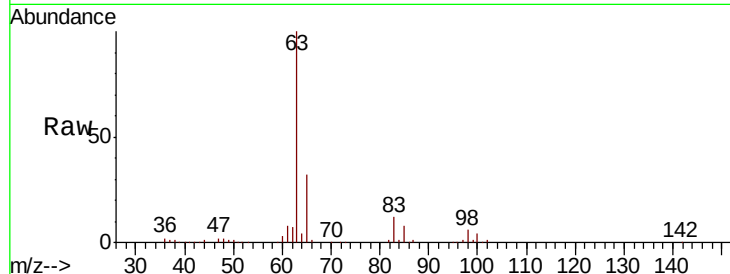




#17
 1,1-Dichloroethane
 Concen: 9.855 ug/l
 RT: 3.91 min Scan# 798
 Delta R.T. 0.00 min
 Lab File: VU038002.D
 Acq: 04 May 2020 14:34

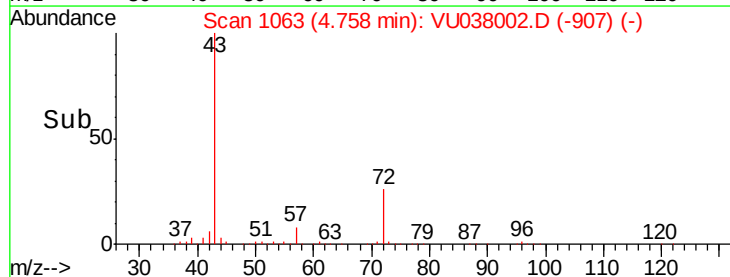
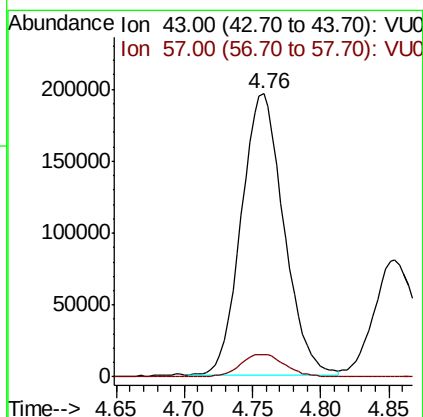
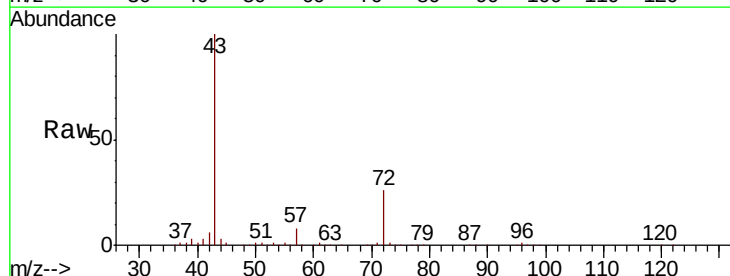
Instrument :
 MSVOA_U
 ClientSampled :

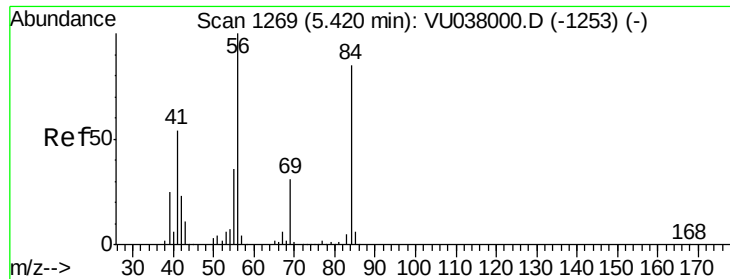
Tot Ion	Ratio	Lower	Upper
63	100		
98	6.4	3.1	9.4
100	4.1	2.2	6.6



#18
 2-Butanone
 Concen: 53.199 ug/l
 RT: 4.76 min Scan# 1063
 Delta R.T. 0.00 min
 Lab File: VU038002.D
 Acq: 04 May 2020 14:34

Tgt Ion	Ratio	Lower	Upper
43	100		
57	8.0	0.0	16.6

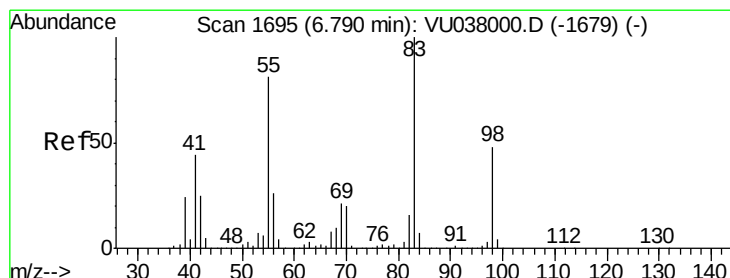
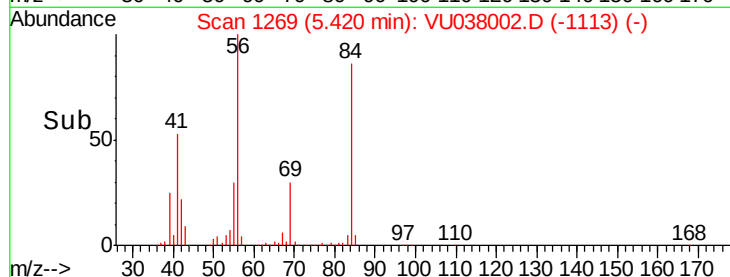
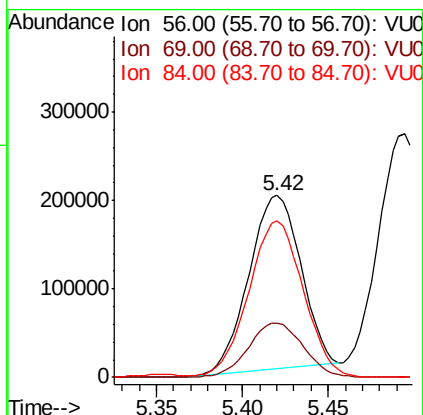
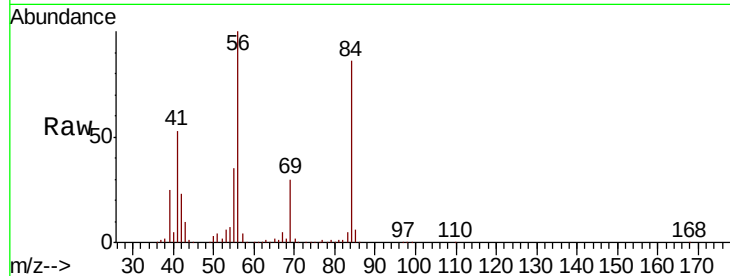




#19
Cyclohexane
Concen: 8.503 ug/l
RT: 5.42 min Scan# 1269
Delta R.T. 0.00 min
Lab File: VU038002.D
Acq: 04 May 2020 14:34

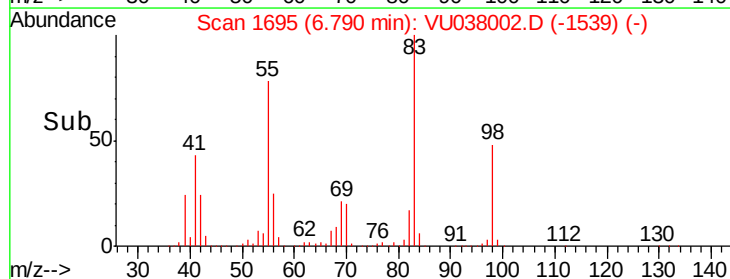
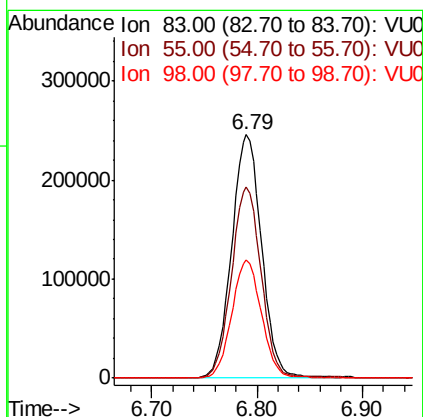
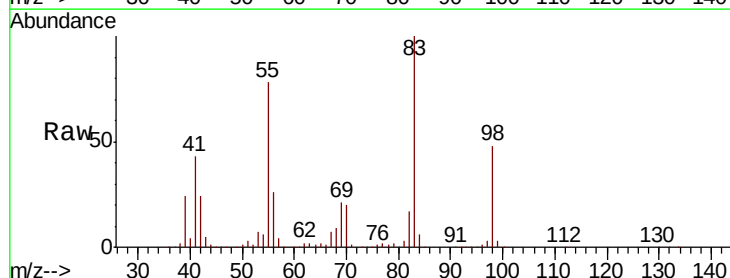
Instrument :
MSVOA_U
ClientSampleId :

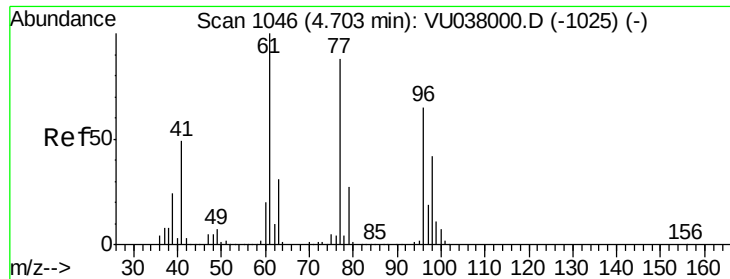
Tot Ion: 56 Resp: 413728
Ion Ratio Lower Upper
56 100
69 33.1 24.3 36.5
84 92.7 66.3 99.5



#20
Methylcyclohexane
Concen: 10.053 ug/l
RT: 6.79 min Scan# 1695
Delta R.T. 0.00 min
Lab File: VU038002.D
Acq: 04 May 2020 14:34

Tgt Ion: 83 Resp: 479523
Ion Ratio Lower Upper
83 100
55 77.4 61.5 92.3
98 48.0 37.3 55.9

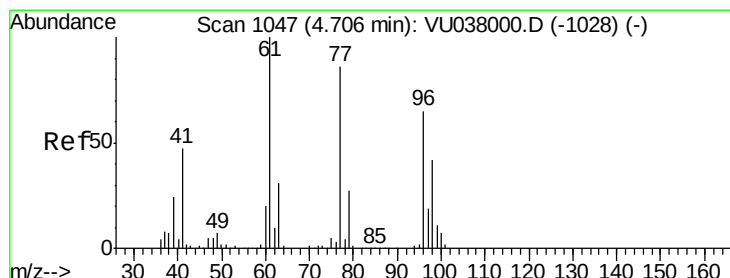
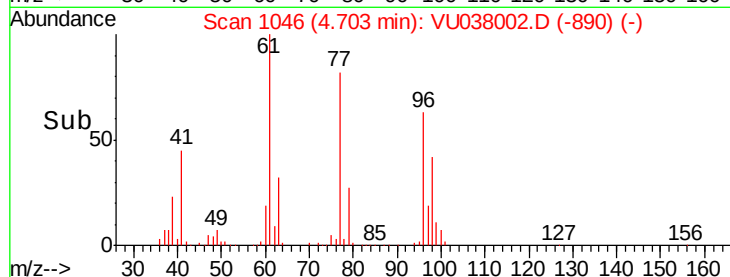
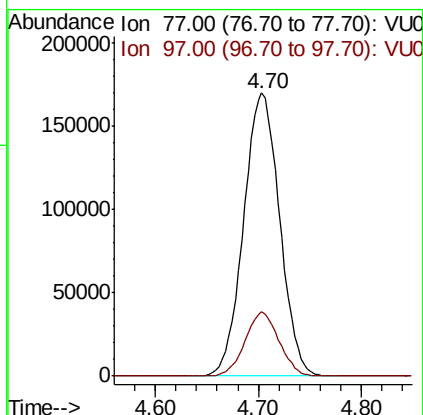
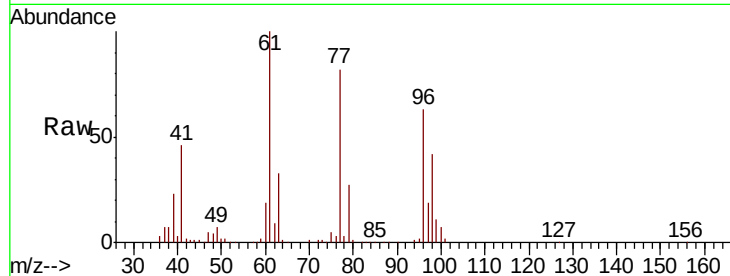




#21
 2,2-Dichloropropane
 Concen: 9.833 ug/l
 RT: 4.70 min Scan# 1046
 Delta R.T. 0.00 min
 Lab File: VU038002.D
 Acq: 04 May 2020 14:34

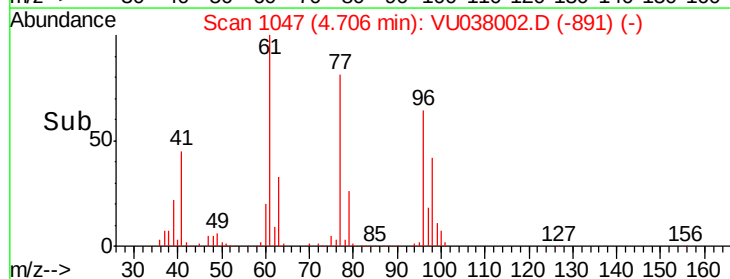
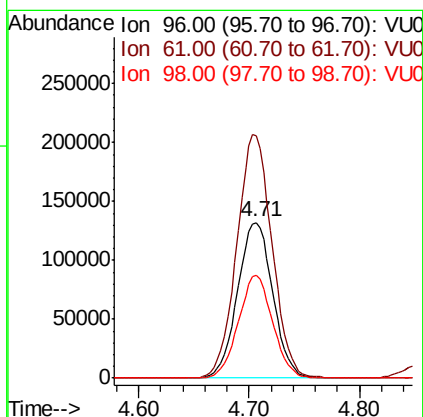
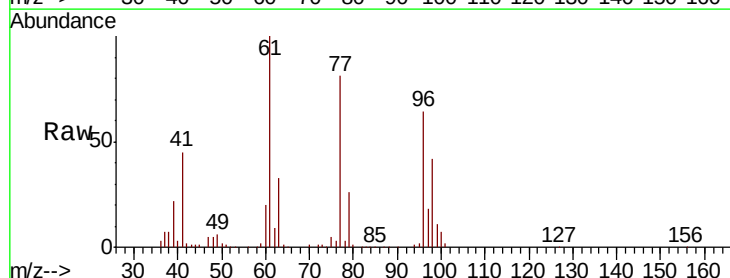
Instrument :
 MSVOA_U
 ClientSampleId :

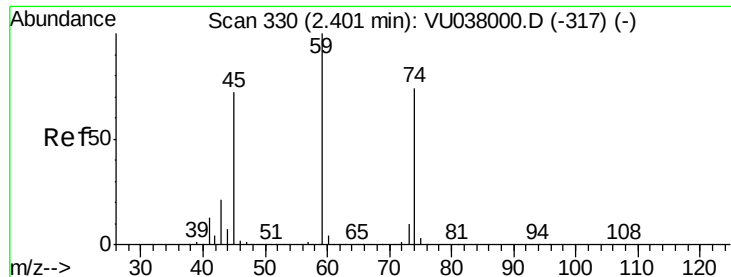
Tot Ion: 77 Resp: 412351
 Ion Ratio Lower Upper
 77 100
 97 21.5 17.4 26.2



#22
 cis-1,2-Dichloroethene
 Concen: 10.421 ug/l
 RT: 4.71 min Scan# 1047
 Delta R.T. 0.00 min
 Lab File: VU038002.D
 Acq: 04 May 2020 14:34

Tgt Ion: 96 Resp: 291459
 Ion Ratio Lower Upper
 96 100
 61 156.7 0.0 389.3
 98 64.4 32.1 96.3

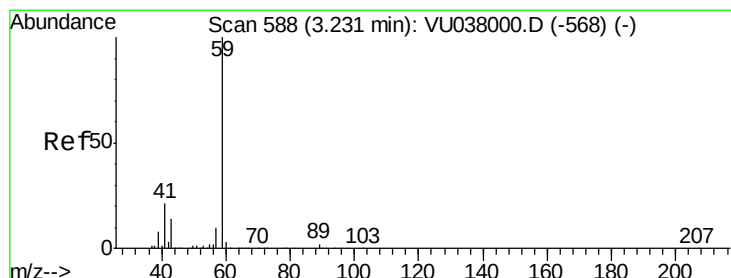
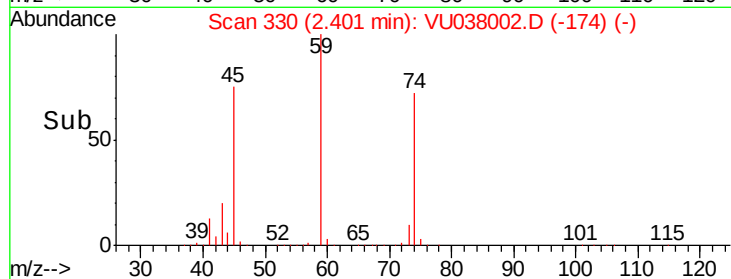
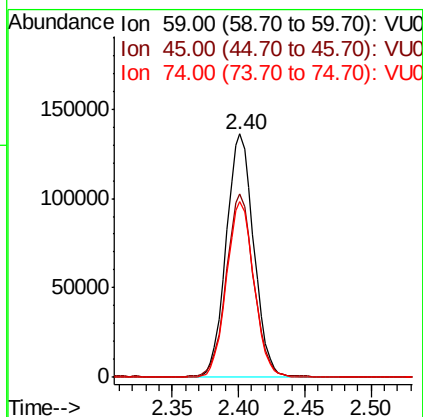
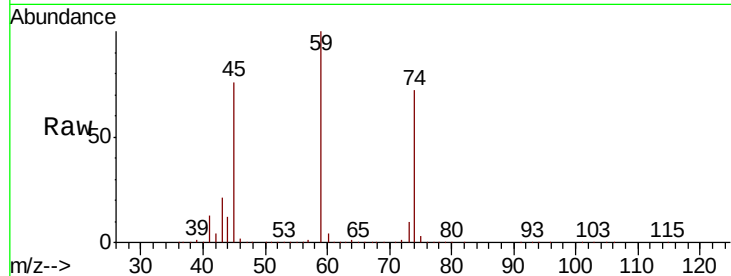




#23
Diethyl Ether
Concen: 9.270 ug/l
RT: 2.40 min Scan# 330
Delta R.T. 0.00 min
Lab File: VU038002.D
Acq: 04 May 2020 14:34

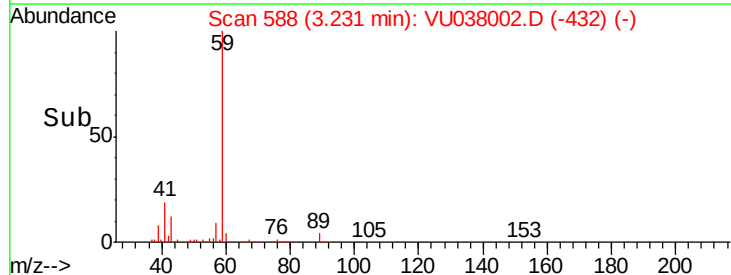
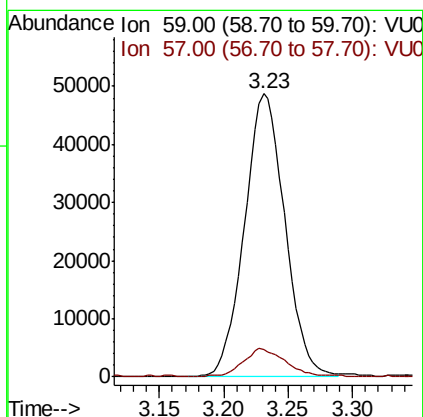
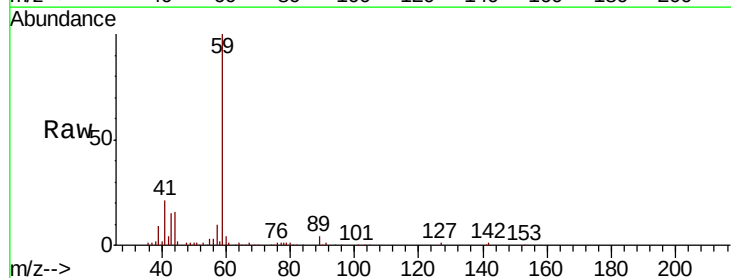
Instrument :
MSVOA_U
ClientSampleId :

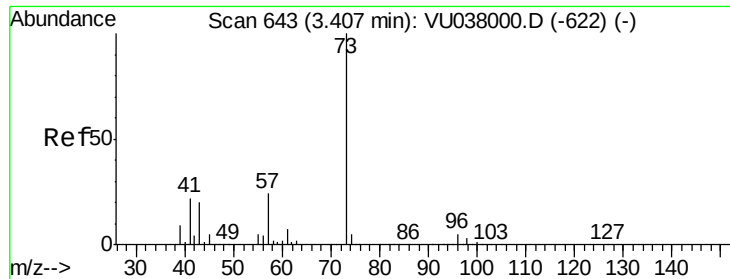
Tot Ion: 59 Resp: 196560
Ion Ratio Lower Upper
59 100
45 74.7 59.8 89.6
74 72.2 58.2 87.4



#24
tert-Butyl Alcohol
Concen: 45.251 ug/l
RT: 3.23 min Scan# 588
Delta R.T. 0.00 min
Lab File: VU038002.D
Acq: 04 May 2020 14:34

Tgt Ion: 59 Resp: 106480
Ion Ratio Lower Upper
59 100
57 10.8 8.2 12.4



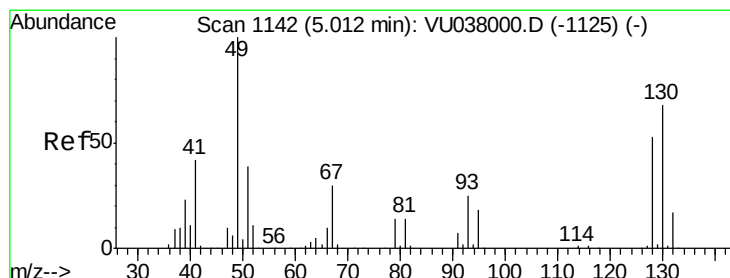
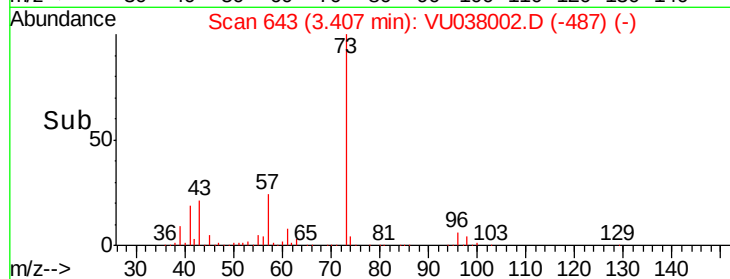
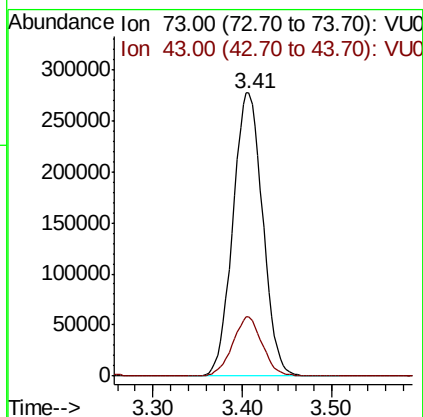
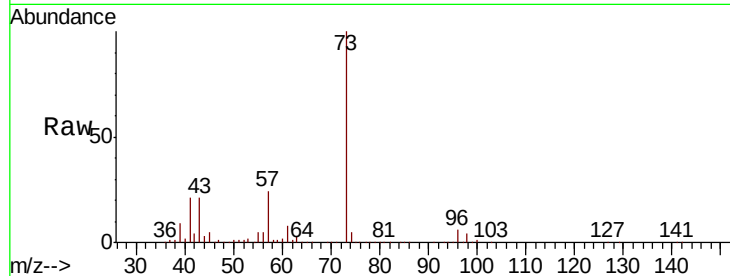


#25

Methyl tert-Butyl Ether
 Concen: 9.675 ug/l
 RT: 3.41 min Scan# 643
 Delta R.T. 0.00 min
 Lab File: VU038002.D
 Acq: 04 May 2020 14:34

Instrument :
 MSVOA_U
 ClientSampleId :

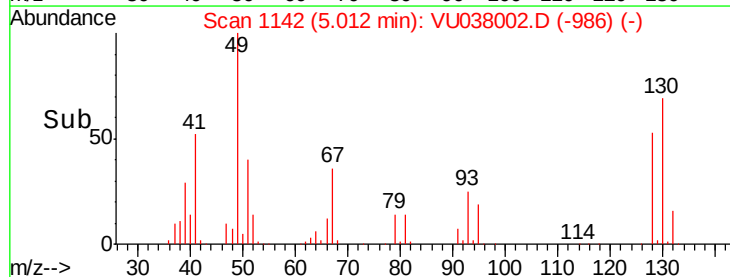
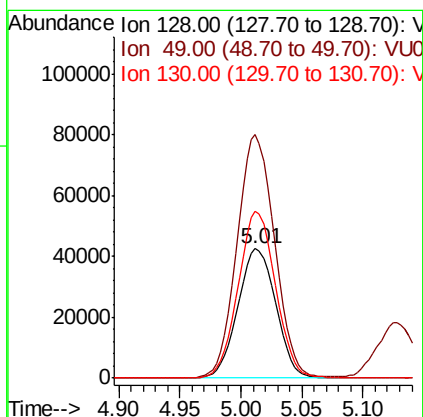
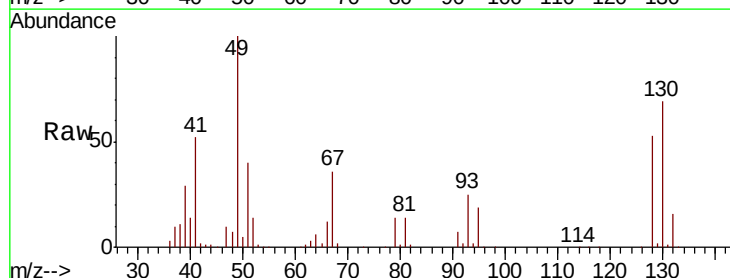
Tot Ion: 73 Resp: 640907
 Ion Ratio Lower Upper
 73 100
 43 20.9 16.2 24.2

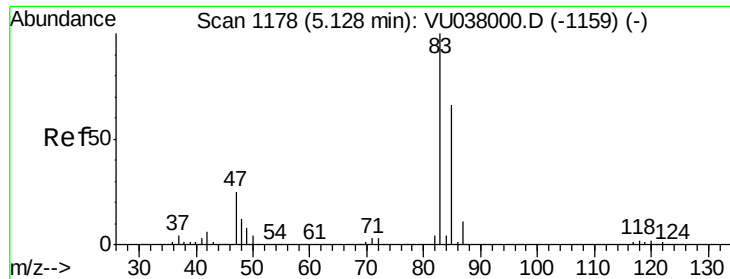


#26

Bromochloromethane
 Concen: 8.160 ug/l
 RT: 5.01 min Scan# 1142
 Delta R.T. 0.00 min
 Lab File: VU038002.D
 Acq: 04 May 2020 14:34

Tgt Ion: 128 Resp: 91854
 Ion Ratio Lower Upper
 128 100
 49 185.8 0.0 376.0
 130 126.7 102.6 153.8

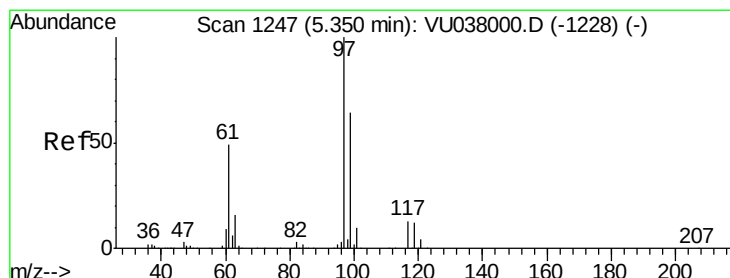
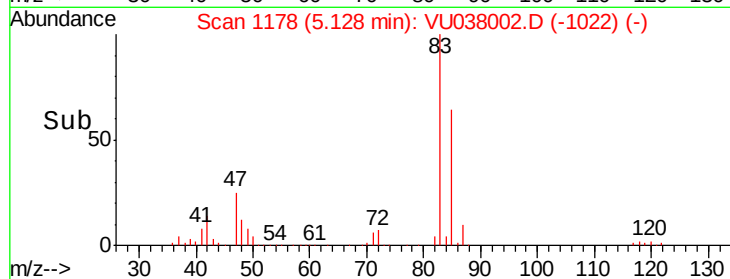
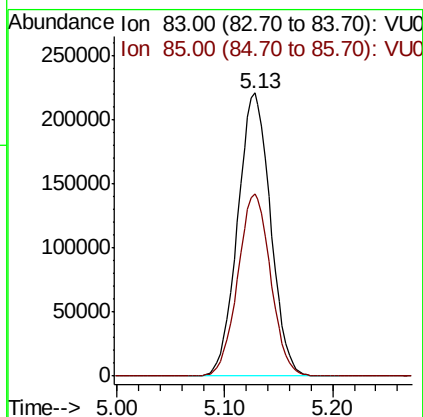
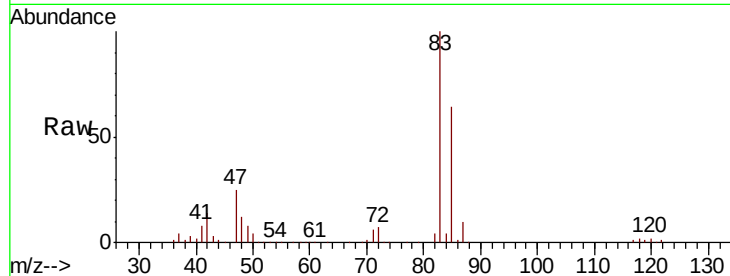




#27
Chloroform
Concen: 9.964 ug/l
RT: 5.13 min Scan# 1178
Delta R.T. 0.00 min
Lab File: VU038002.D
Acq: 04 May 2020 14:34

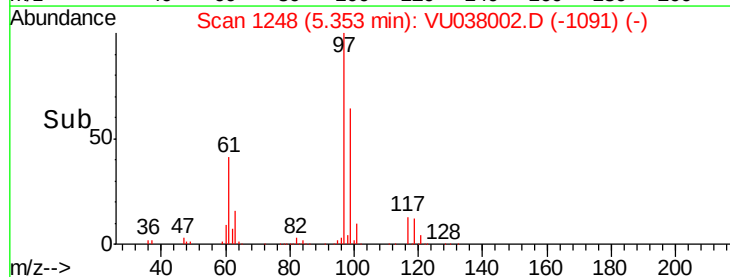
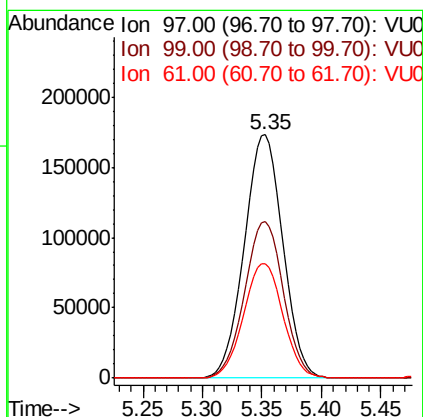
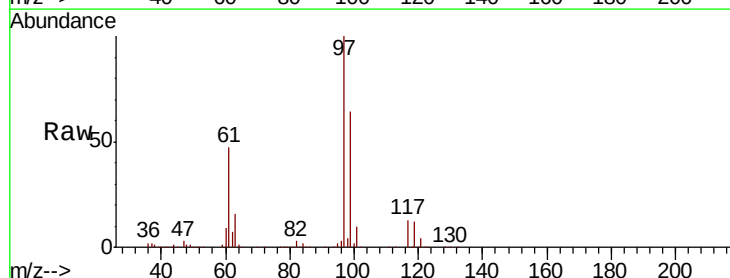
Instrument :
MSVOA_U
ClientSampled :

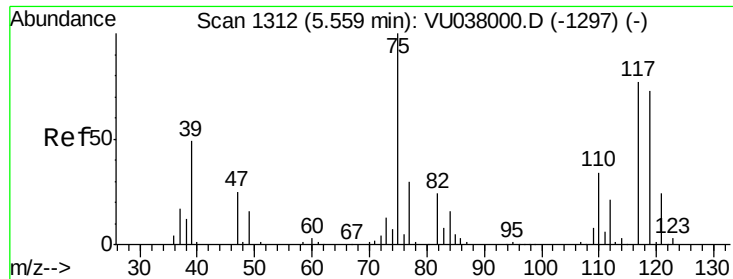
Tot Ion: 83 Resp: 468898
Ion Ratio Lower Upper
83 100
85 64.4 0.0 132.0



#28
1,1,1-Trichloroethane
Concen: 10.036 ug/l
RT: 5.35 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VU038002.D
Acq: 04 May 2020 14:34

Tgt Ion: 97 Resp: 389202
Ion Ratio Lower Upper
97 100
99 64.8 31.9 95.9
61 47.9 24.1 72.4

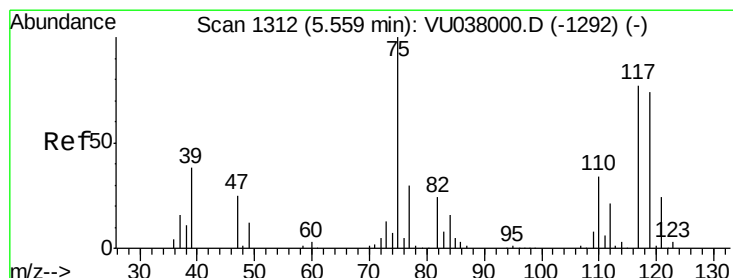
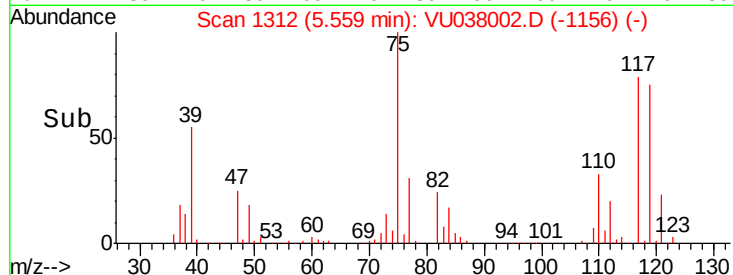
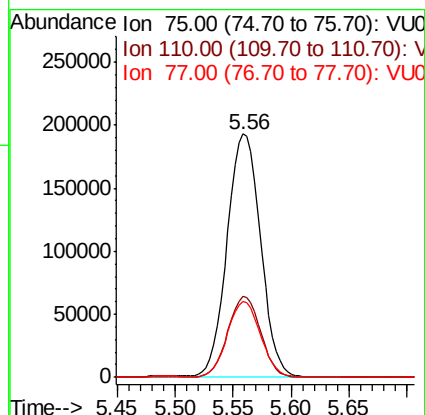
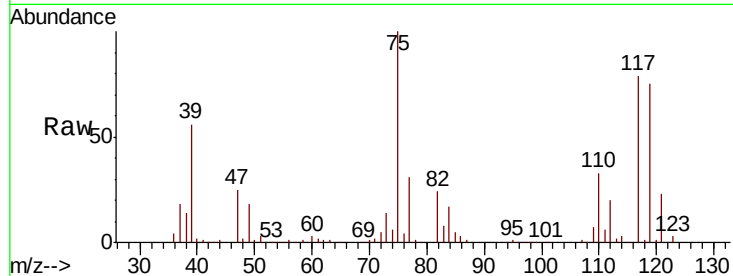




#29
 1,1-Dichloropropene
 Concen: 9.902 ug/l
 RT: 5.56 min Scan# 1312
 Delta R.T. 0.00 min
 Lab File: VU038002.D
 Acq: 04 May 2020 14:34

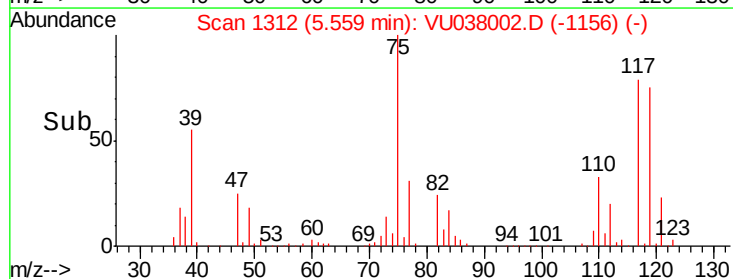
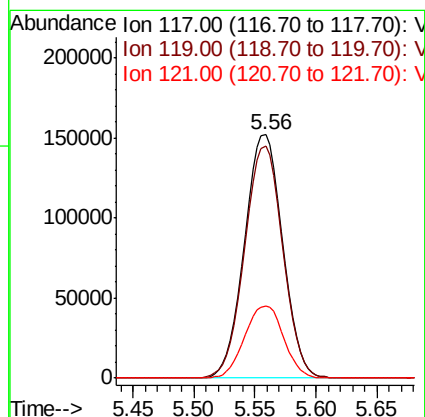
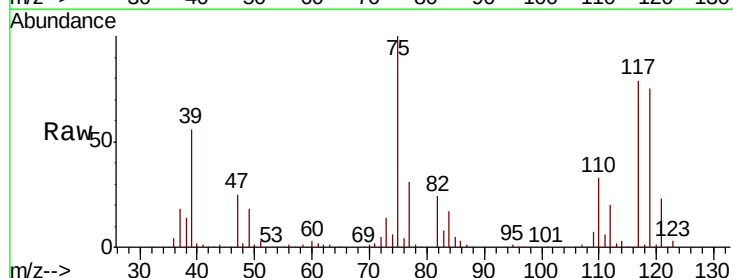
Instrument :
 MSVOA_U
 ClientSampled :

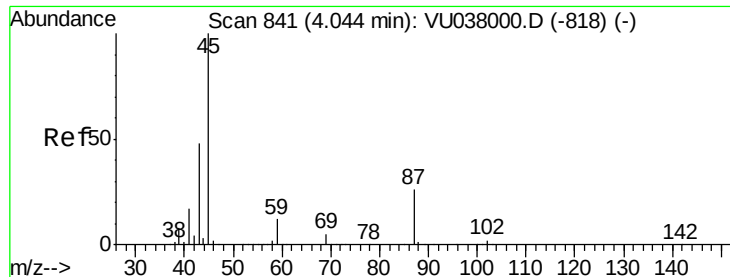
Tot Ion	75	Resp	386467
Ion Ratio	Lower	Upper	
75	100		
110	32.8	16.7	50.1
77	30.9	24.5	36.7



#30
 Carbon Tetrachloride
 Concen: 10.123 ug/l
 RT: 5.56 min Scan# 1312
 Delta R.T. 0.00 min
 Lab File: VU038002.D
 Acq: 04 May 2020 14:34

Tgt Ion	117	Resp	328461
Ion Ratio	Lower	Upper	
117	100		
119	95.3	76.3	114.5
121	29.7	24.7	37.1





#31

Isopropyl Ether

Concen: 10.387 ug/l

RT: 4.04 min Scan# 841

Delta R.T. 0.00 min

Lab File: VU038002.D

Acq: 04 May 2020 14:34

Instrument :

MSVOA_U

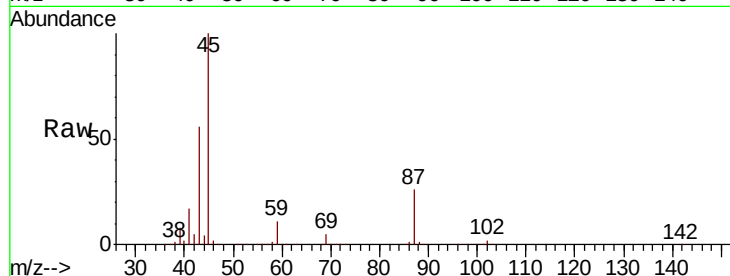
ClientSampled :

Tot Ion: 45 Resp: 857732

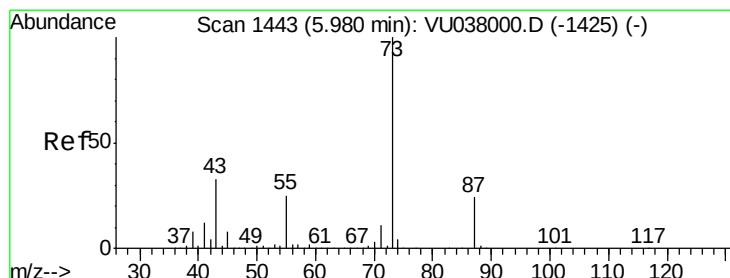
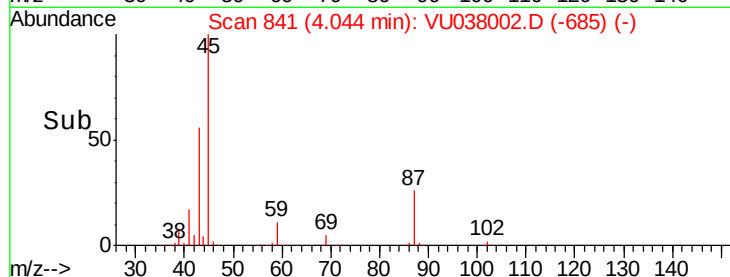
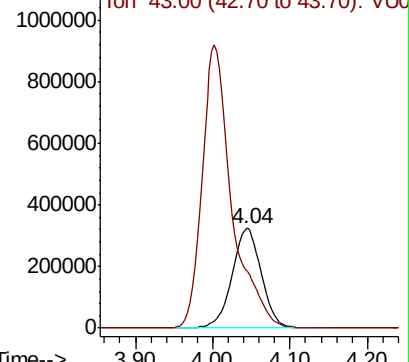
Ion Ratio Lower Upper

45 100

43 286.8 24.2 72.6#



Abundance Ion 45.00 (44.70 to 45.70): VU038000.D (-818) (-)



#33

Tert-Amyl methyl ether

Concen: 0.308 ug/l

RT: 5.81 min Scan# 1390

Delta R.T. -0.17 min

Lab File: VU038002.D

Acq: 04 May 2020 14:34

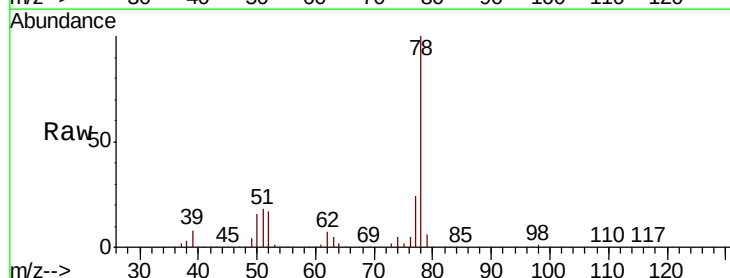
Tgt Ion: 73 Resp: 19783

Ion Ratio Lower Upper

73 100

87 230.3 18.9 28.3#

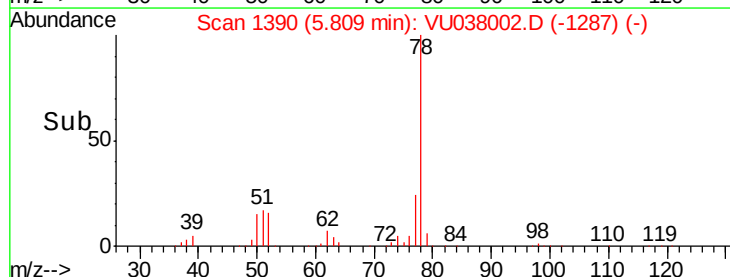
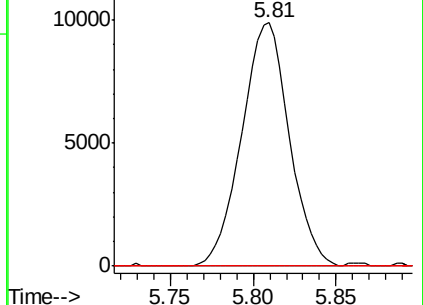
71 0.0 9.1 13.7#

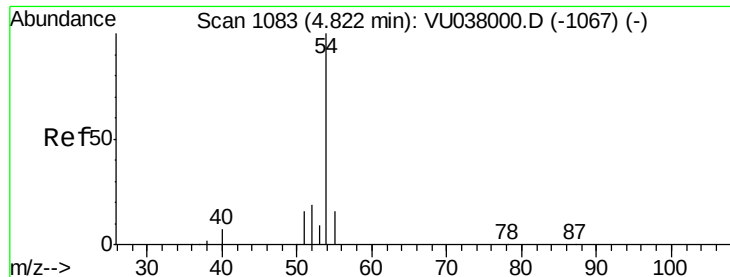


Abundance Ion 73.00 (72.70 to 73.70): VU038000.D (-1425) (-)

Ion 87.00 (86.70 to 87.70): VU038000.D (-1425) (-)

Ion 71.00 (70.70 to 71.70): VU038000.D (-1425) (-)





#34

Propionitrile

Concen: 98.534 ug/l

RT: 4.82 min Scan# 1083

Delta R.T. 0.00 min

Lab File: VU038002.D

Acq: 04 May 2020 14:34

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 54 Resp: 223620

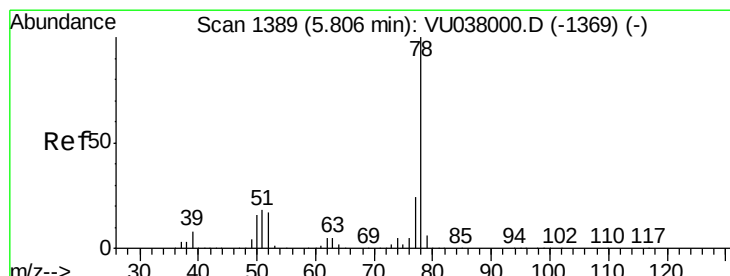
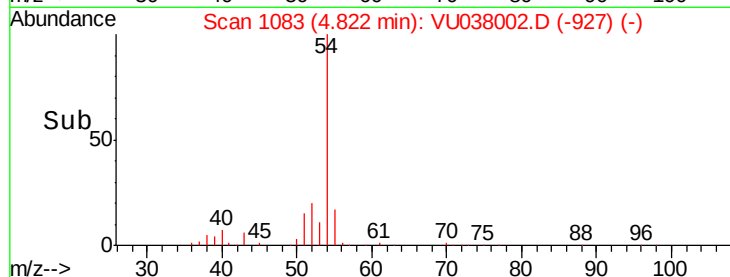
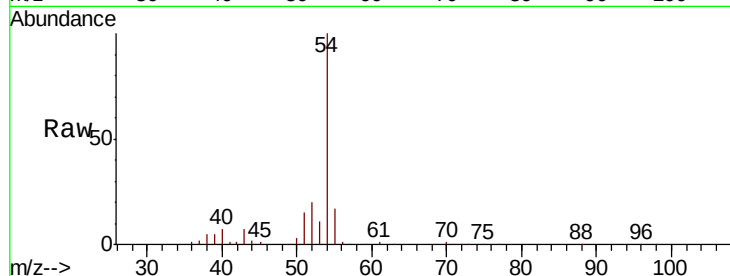
Ion	Ratio	Lower	Upper
54	100		
52	19.3	15.8	23.8
55	17.1	13.2	19.8
40	5.8	5.2	7.8

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: 10.007 ug/l

RT: 5.81 min Scan# 1390

Delta R.T. 0.00 min

Lab File: VU038002.D

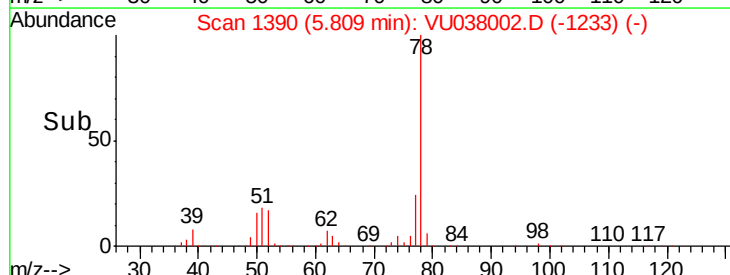
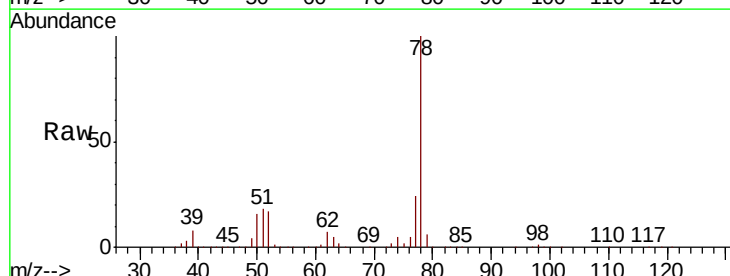
Acq: 04 May 2020 14:34

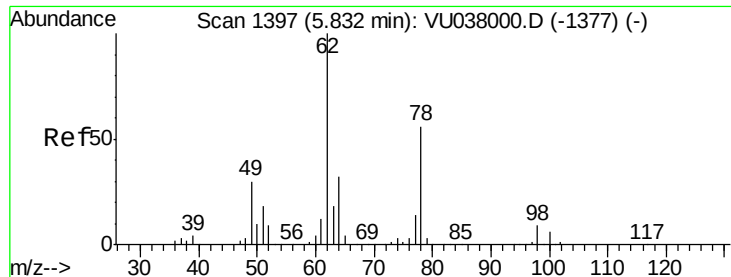
Tgt Ion: 78 Resp: 1092961

Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.3	28.9

Abundance Ion 78.10 (77.80 to 78.80): VU0

Ion 77.00 (76.70 to 77.70): VU0

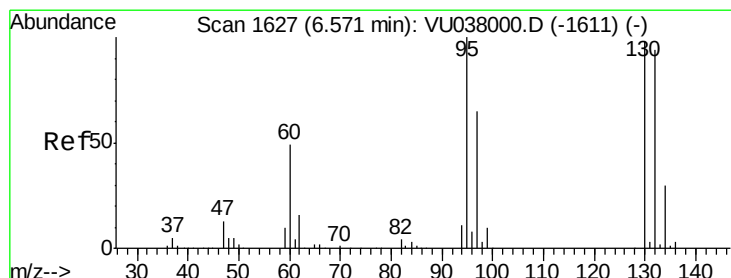
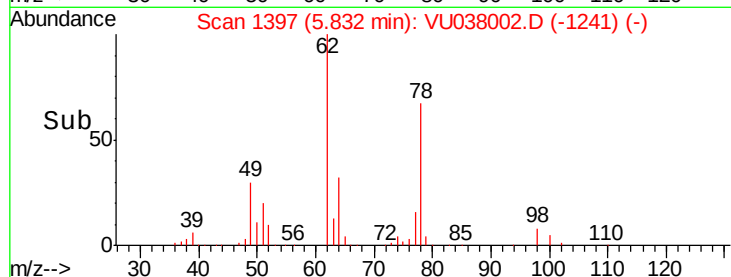
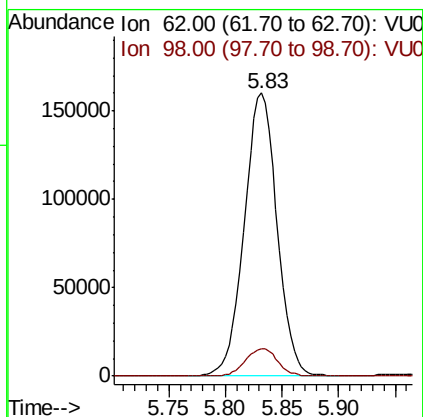
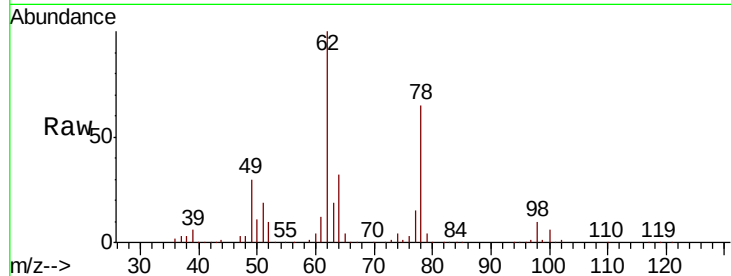




#36
 1,2-Dichloroethane
 Concen: 9.996 ug/l
 RT: 5.83 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: VU038002.D
 Acq: 04 May 2020 14:34

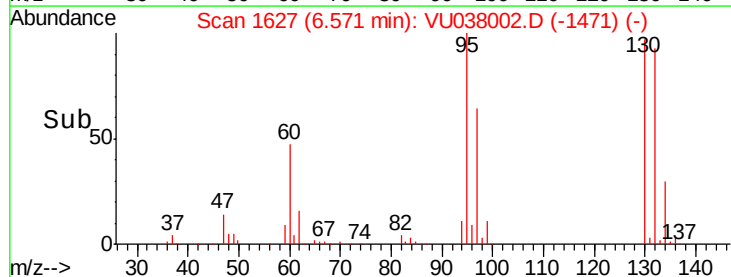
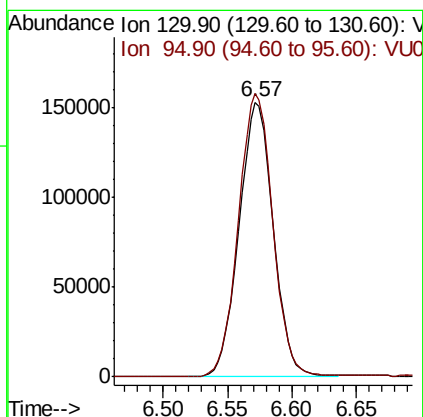
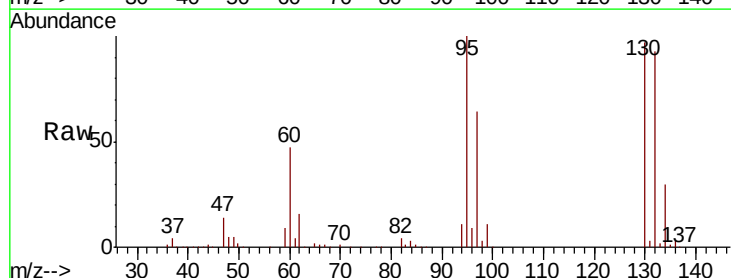
Instrument :
 MSVOA_U
 ClientSampled :

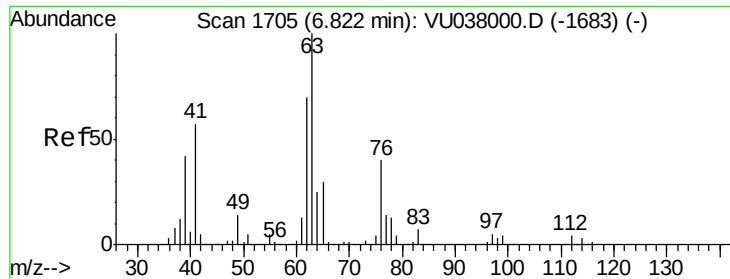
Tot Ion: 62 Resp: 322968
 Ion Ratio Lower Upper
 62 100
 98 9.6 7.3 10.9



#37
 Trichloroethene
 Concen: 9.872 ug/l
 RT: 6.57 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VU038002.D
 Acq: 04 May 2020 14:34

Tgt Ion:130 Resp: 283077
 Ion Ratio Lower Upper
 130 100
 95 102.9 81.6 122.4





#38

1,2-Dichloropropane

Concen: 9.865 ug/l

RT: 6.82 min Scan# 1705

Delta R.T. 0.00 min

Lab File: VU038002.D

Acq: 04 May 2020 14:34

Instrument :

MSVOA_U

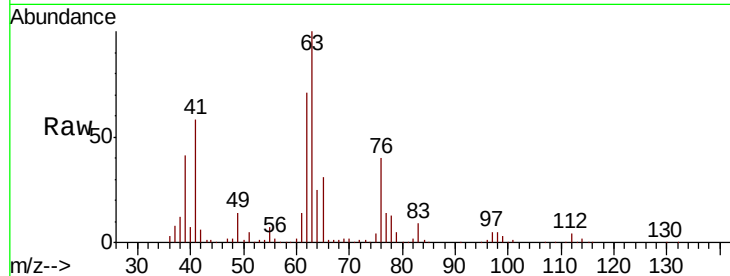
ClientSampleId :

Tot Ion: 63 Resp: 289911

Ion Ratio Lower Upper

63 100

65 31.4 24.1 36.1



Abundance Ion 63.00 (62.70 to 63.70): VU038000.D (-1683) (-)

Ion 65.00 (64.70 to 65.70): VU038000.D (-1683) (-)

6.82

150000

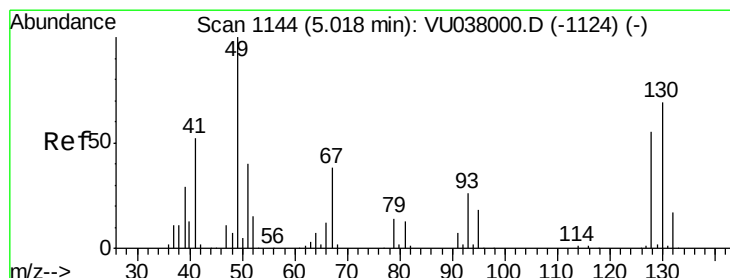
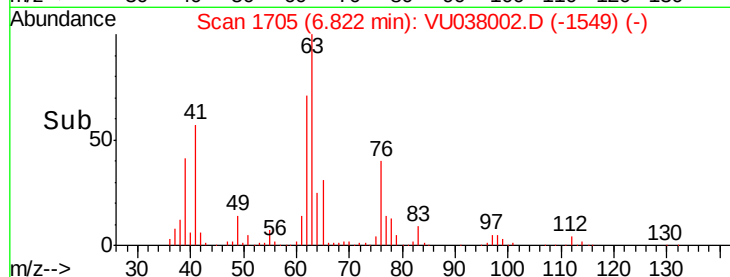
100000

50000

0

Time-->

6.70 6.75 6.80 6.85 6.90



#39

Methacrylonitrile

Concen: 9.445 ug/l

RT: 5.02 min Scan# 1144

Delta R.T. 0.00 min

Lab File: VU038002.D

Acq: 04 May 2020 14:34

Tgt Ion: 41 Resp: 100410

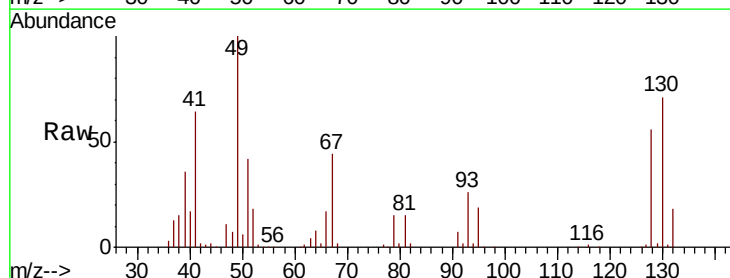
Ion Ratio Lower Upper

41 100

67 71.0 58.0 87.0

39 55.2 43.2 64.8

52 27.7 22.9 34.3



Abundance Ion 41.00 (40.70 to 41.70): VU038000.D (-1124) (-)

Ion 67.00 (66.70 to 67.70): VU038000.D (-1124) (-)

Ion 39.00 (38.70 to 39.70): VU038000.D (-1124) (-)

Ion 52.00 (51.70 to 52.70): VU038000.D (-1124) (-)

100000

80000

60000

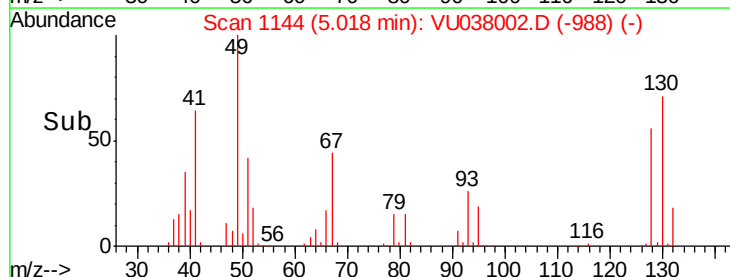
40000

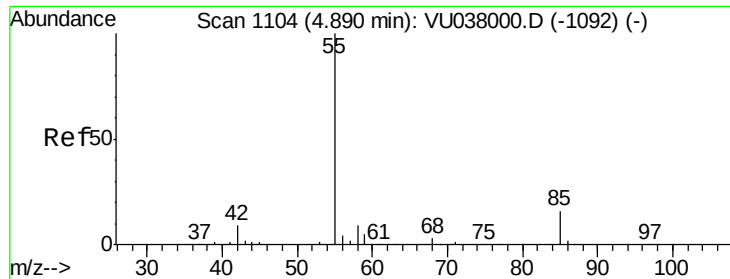
20000

0

Time-->

4.95 5.00 5.05 5.10

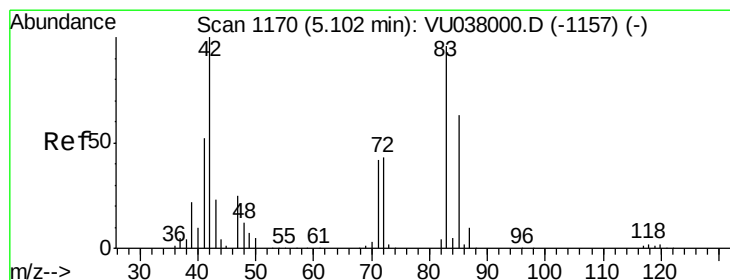
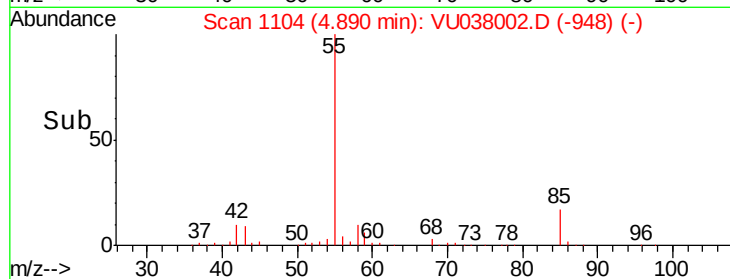
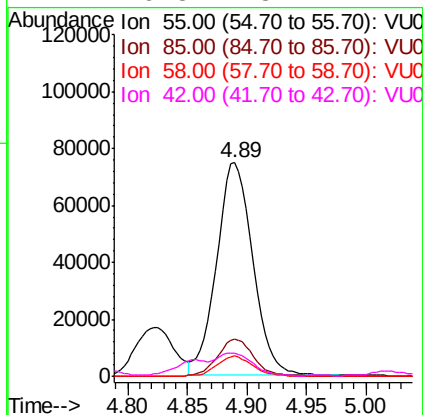
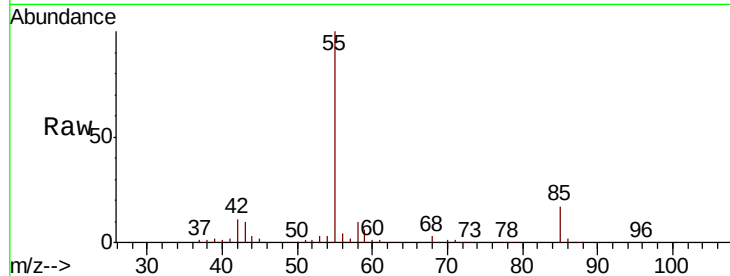




#40
Methvl acrylate
Concen: 10.081 ug/l
RT: 4.89 min Scan# 1104
Delta R.T. 0.00 min
Lab File: VU038002.D
Acq: 04 May 2020 14:34

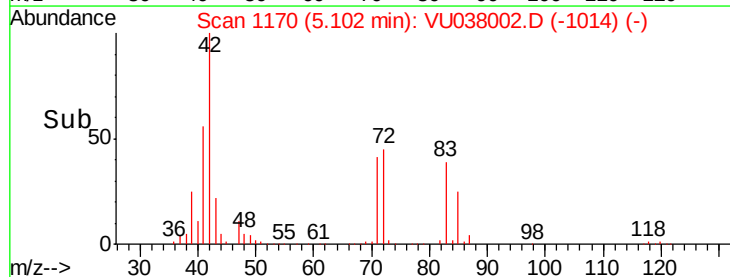
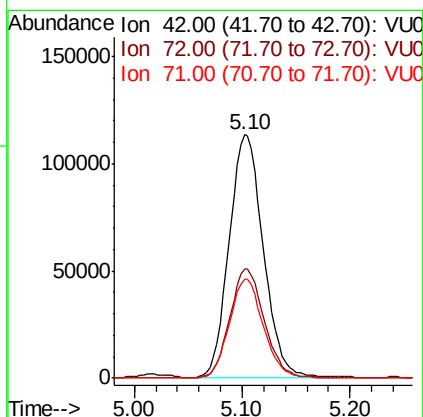
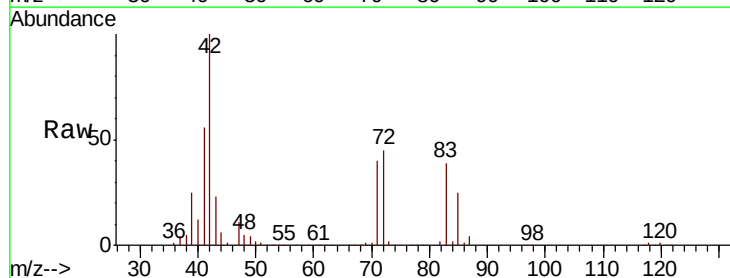
Instrument :
MSVOA_U
ClientSampled :

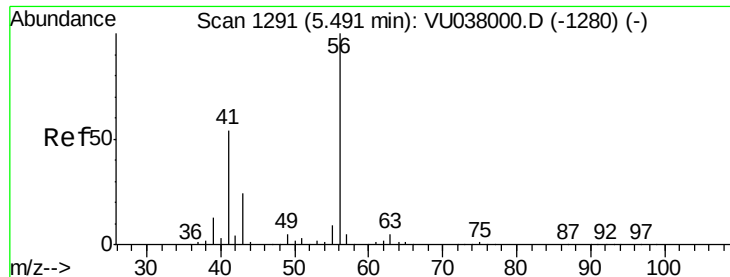
Tot Ion:	55	Resp:	157922
Ion	Ratio	Lower	Upper
55	100		
85	17.3	12.9	19.3
58	9.3	7.2	10.8
42	10.3	8.1	12.1



#41
Tetrahydrofuran
Concen: 47.067 ug/l
RT: 5.10 min Scan# 1170
Delta R.T. 0.00 min
Lab File: VU038002.D
Acq: 04 May 2020 14:34

Tgt Ion:	42	Resp:	249578
Ion	Ratio	Lower	Upper
42	100		
72	45.7	37.4	56.2
71	40.8	32.8	49.2

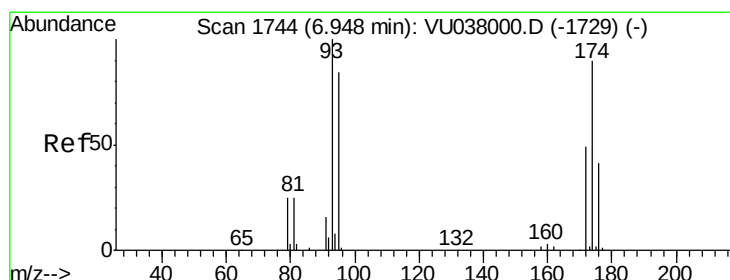
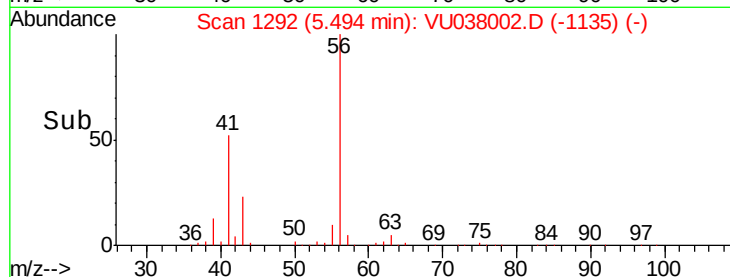
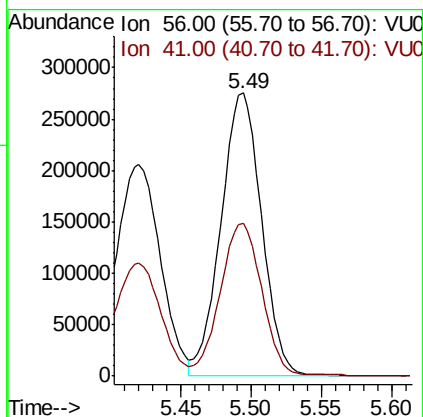
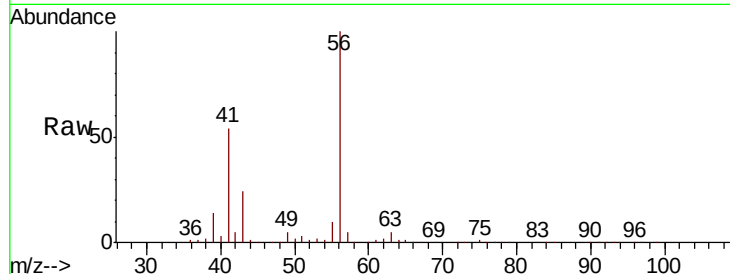




#42
1-Chlorobutane
Concen: 9.783 ug/l
RT: 5.49 min Scan# 1292
Delta R.T. 0.00 min
Lab File: VU038002.D
Acq: 04 May 2020 14:34

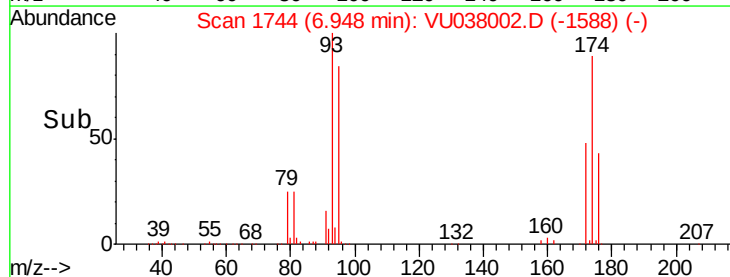
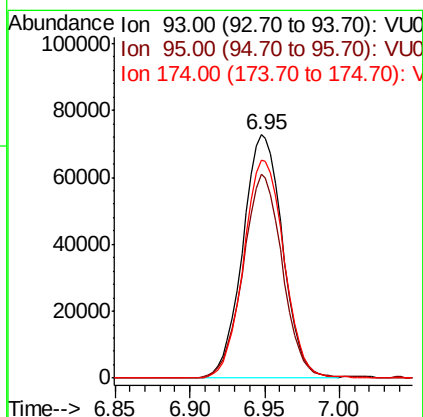
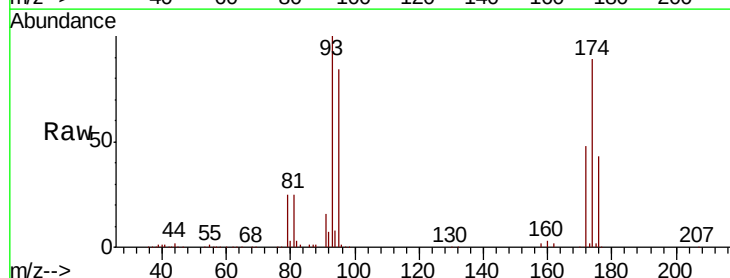
Instrument :
MSVOA_U
ClientSampled :

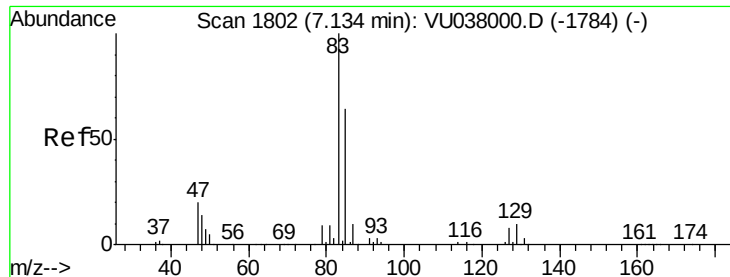
Tot Ion: 56 Resp: 550163
Ion Ratio Lower Upper
56 100
41 54.7 26.8 80.4



#43
Dibromomethane
Concen: 9.857 ug/l
RT: 6.95 min Scan# 1744
Delta R.T. 0.00 min
Lab File: VU038002.D
Acq: 04 May 2020 14:34

Tgt Ion: 93 Resp: 134959
Ion Ratio Lower Upper
93 100
95 82.2 66.1 99.1
174 91.0 72.8 109.2





#44

Bromodichloromethane

Concen: 10.246 ug/l

RT: 7.13 min Scan# 1802

Delta R.T. 0.00 min

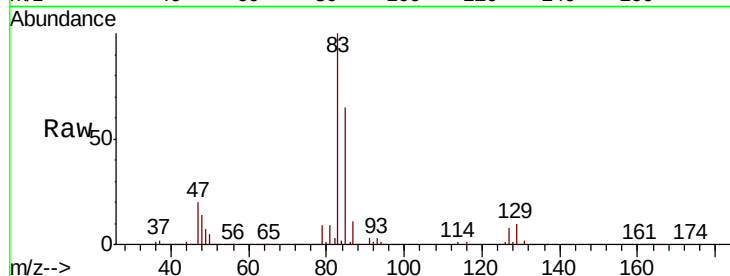
Lab File: VU038002.D

Acq: 04 May 2020 14:34

Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 83 Resp: 352348

Ion	Ratio	Lower	Upper
83	100		
85	64.6	51.4	77.0
127	7.8	6.2	9.2

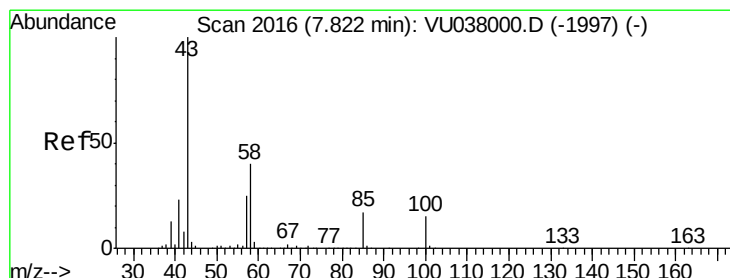
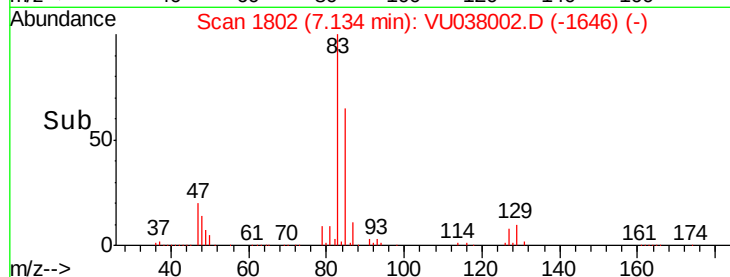
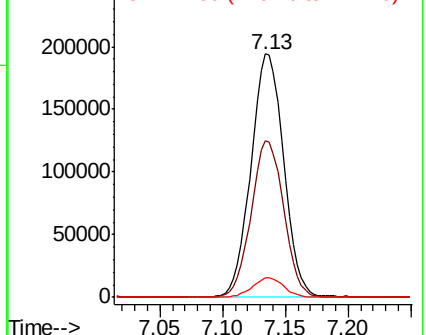


Abundance

Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0

Ion 127.00 (126.70 to 127.70): V



#45

4-Methyl-2-Pentanone

Concen: 49.749 ug/l

RT: 7.82 min Scan# 2016

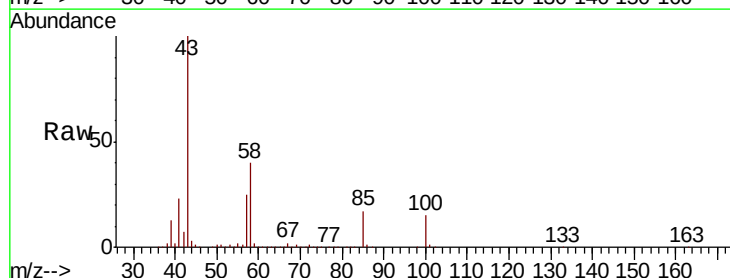
Delta R.T. 0.00 min

Lab File: VU038002.D

Acq: 04 May 2020 14:34

Tgt Ion: 43 Resp: 928269

Ion	Ratio	Lower	Upper
43	100		
58	40.2	20.1	60.3
85	17.2	13.7	20.5

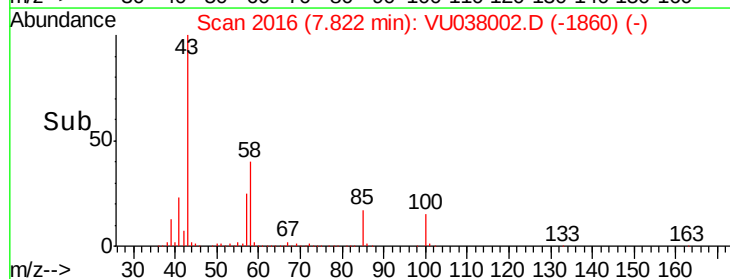
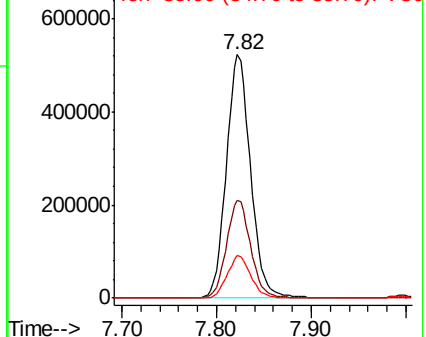


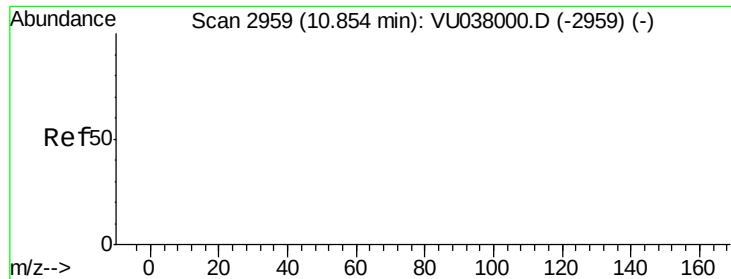
Abundance

Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

Ion 85.00 (84.70 to 85.70): VU0





#46

t-1,4-Dichloro-2-butene

Concen: 43.817 ug/l

RT: 10.84 min Scan# 2955

Delta R.T. -0.01 min

Lab File: VU038002.D

Acq: 04 May 2020 14:34

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 252802

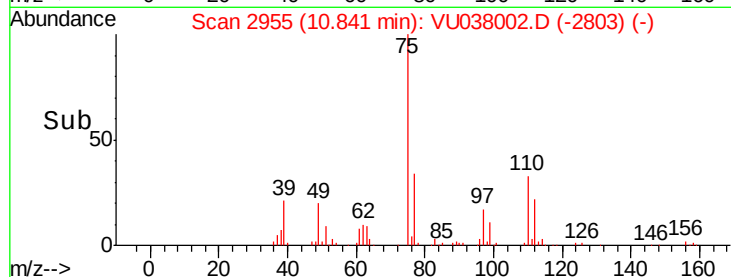
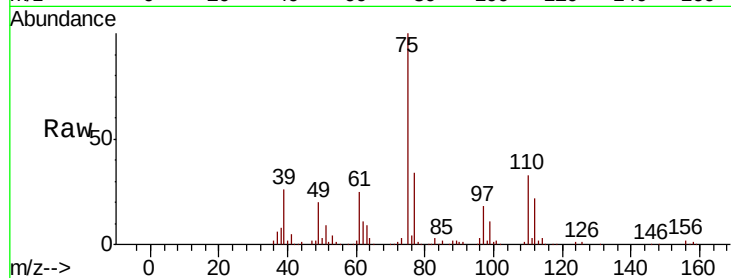
Ion Ratio Lower Upper

75 100

53 19.9 81.1 121.7#

89 13.1 53.2 79.8#

88 9.6 38.2 57.2#

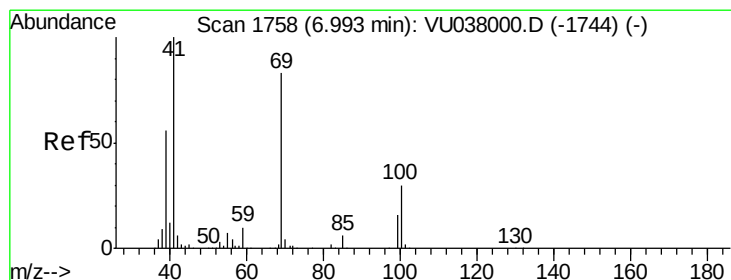
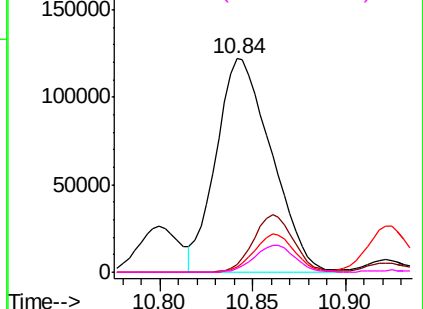


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 53.00 (52.70 to 53.70): VU0

Ion 88.80 (88.50 to 89.50): VU0

Ion 87.80 (87.50 to 88.50): VU0



#47

Methyl methacrylate

Concen: 10.008 ug/l

RT: 6.99 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VU038002.D

Acq: 04 May 2020 14:34

Tgt Ion: 69 Resp: 139332

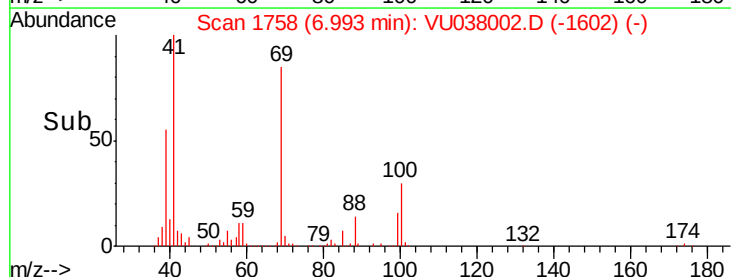
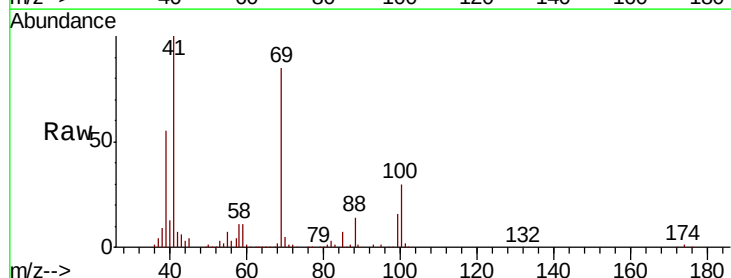
Ion Ratio Lower Upper

69 100

41 119.9 0.0 241.6

39 65.2 52.9 79.3

100 37.1 29.1 43.7

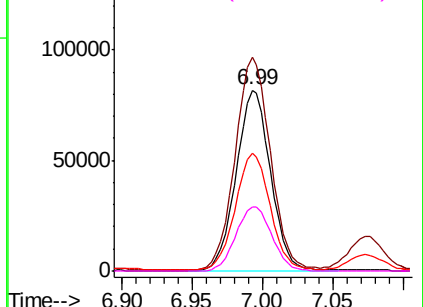


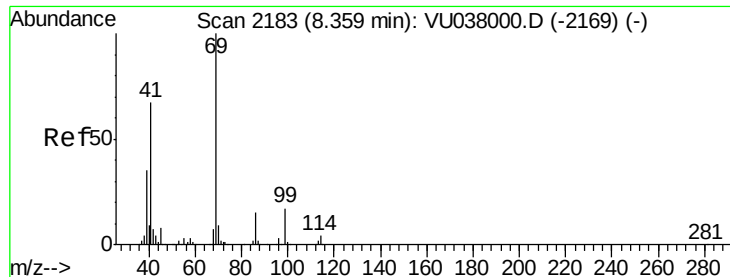
Abundance Ion 69.00 (68.70 to 69.70): VU0

Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

Ion 100.00 (99.70 to 100.70): VU0

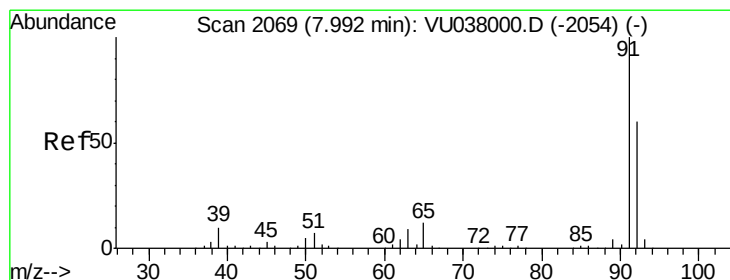
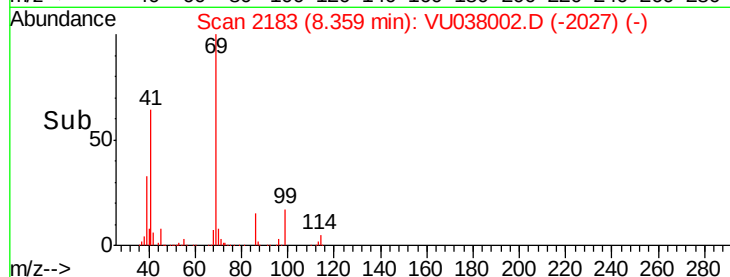
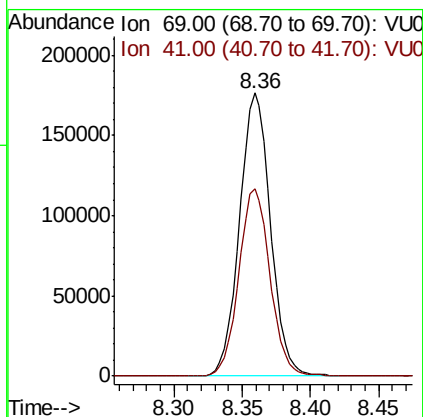
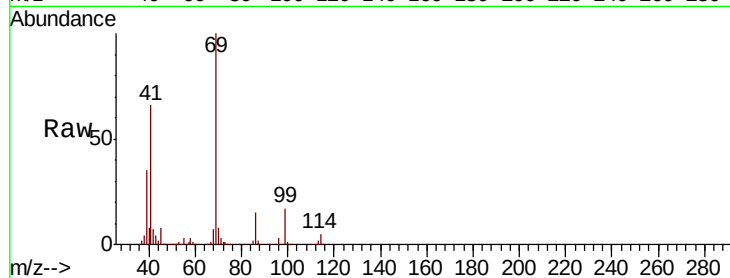




#48
Ethyl methacrylate
Concen: 10.790 ug/l
RT: 8.36 min Scan# 2183
Delta R.T. 0.00 min
Lab File: VU038002.D
Acq: 04 May 2020 14:34

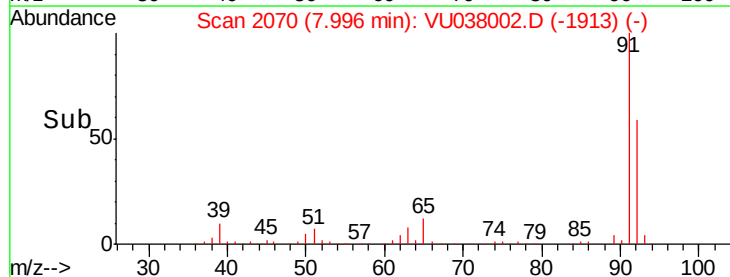
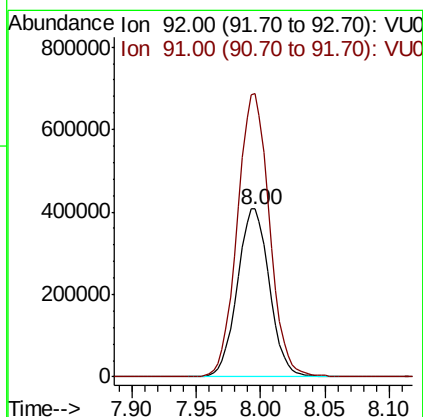
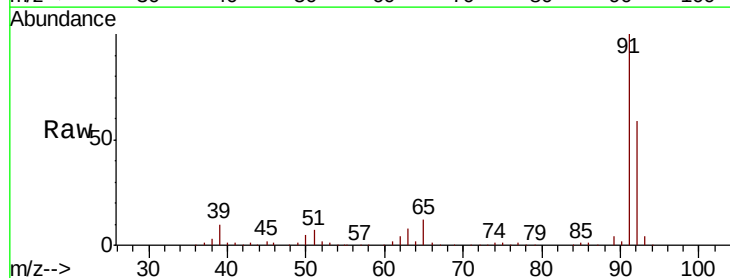
Instrument :
MSVOA_U
ClientSampleId :

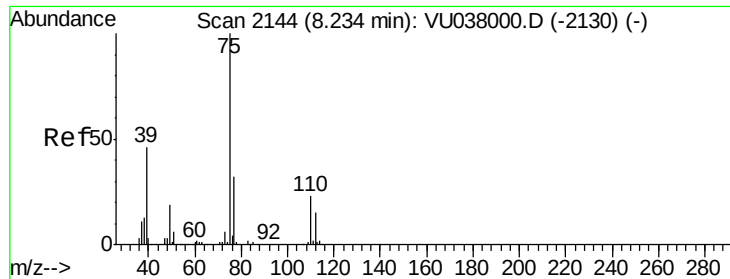
Tot Ion: 69 Resp: 278111
Ion Ratio Lower Upper
69 100
41 66.6 33.6 100.8



#49
Toluene
Concen: 10.229 ug/l
RT: 8.00 min Scan# 2070
Delta R.T. 0.00 min
Lab File: VU038002.D
Acq: 04 May 2020 14:34

Tgt Ion: 92 Resp: 706351
Ion Ratio Lower Upper
92 100
91 168.5 134.4 201.6

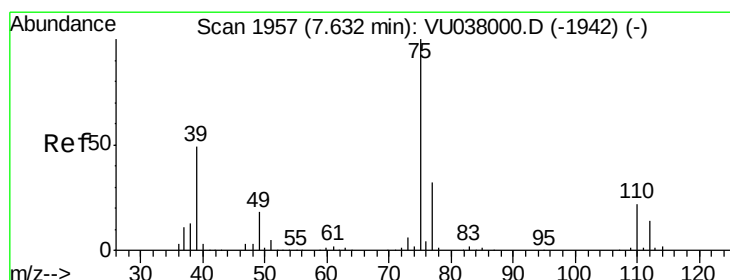
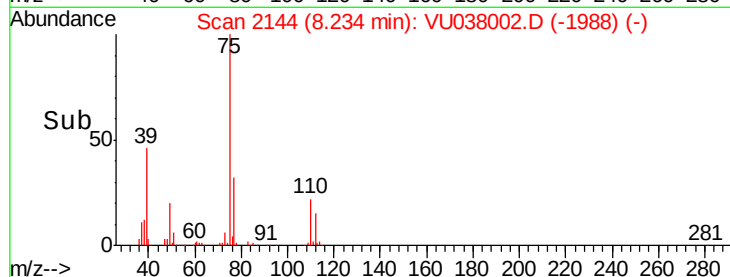
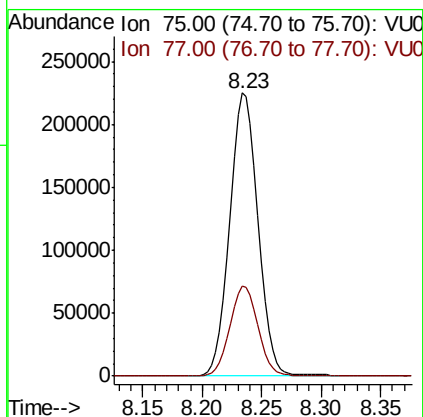
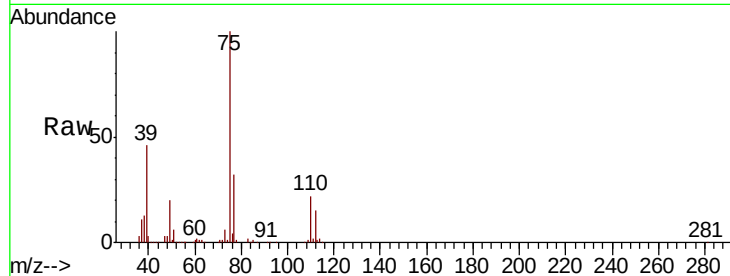




#50
t-1,3-Dichloropropene
Concen: 10.572 ug/l
RT: 8.23 min Scan# 2144
Delta R.T. 0.00 min
Lab File: VU038002.D
Acq: 04 May 2020 14:34

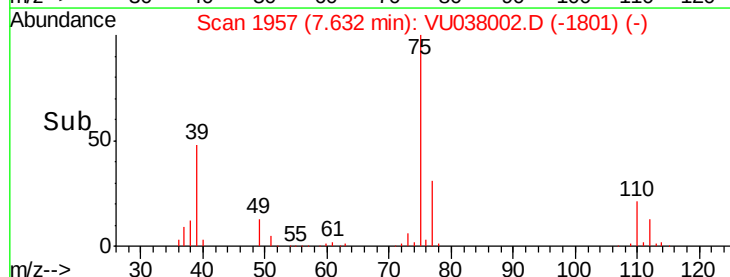
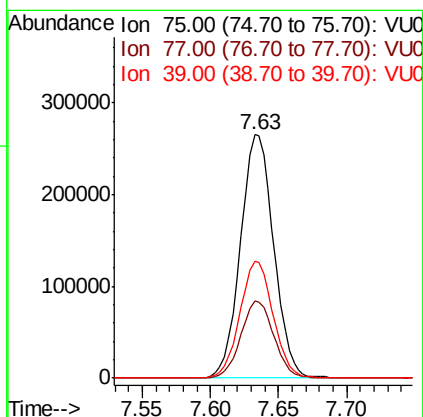
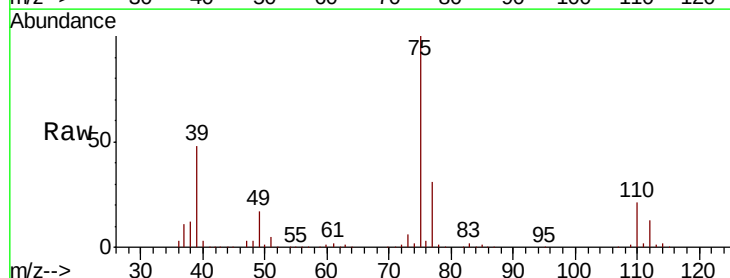
Instrument :
MSVOA_U
ClientSampled :

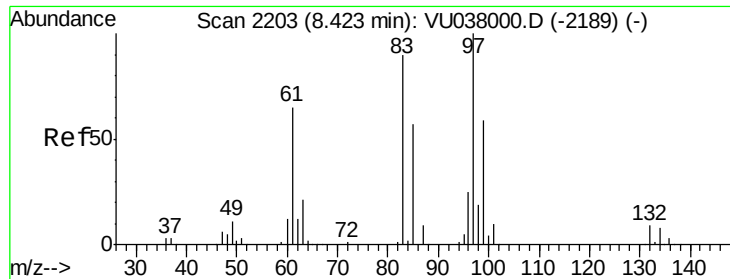
Tot Ion: 75 Resp: 371403
Ion Ratio Lower Upper
75 100
77 31.8 25.8 38.8



#51
cis-1,3-Dichloropropene
Concen: 10.634 ug/l
RT: 7.63 min Scan# 1957
Delta R.T. 0.00 min
Lab File: VU038002.D
Acq: 04 May 2020 14:34

Tgt Ion: 75 Resp: 448654
Ion Ratio Lower Upper
75 100
77 31.5 25.5 38.3
39 48.2 39.0 58.4





#52

1,1,2-Trichloroethane

Concen: 10.113 ug/l

RT: 8.43 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VU038002.D

Acq: 04 May 2020 14:34

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 97 Resp: 196066

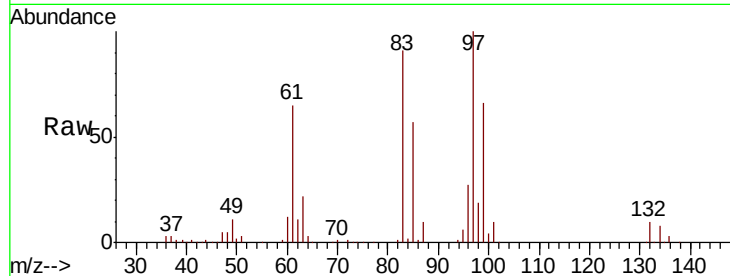
Ion Ratio Lower Upper

97 100

83 91.6 72.4 108.6

85 56.6 46.0 69.0

99 65.5 50.4 75.6

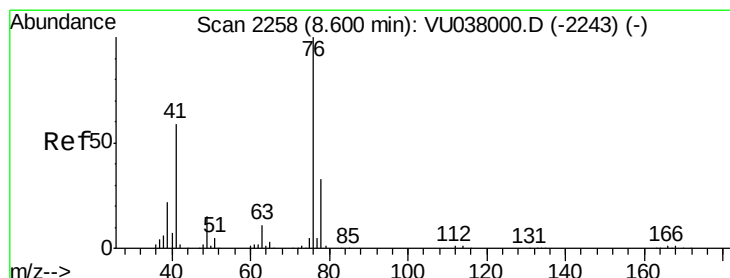
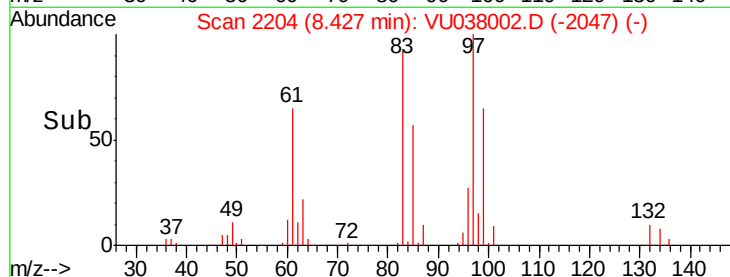
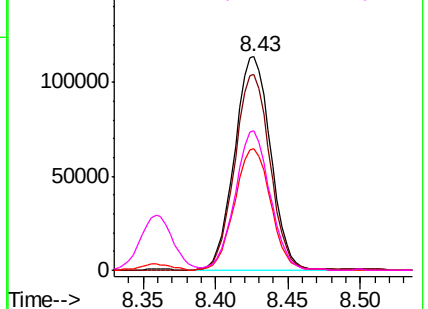


Abundance Ion 97.00 (96.70 to 97.70): VU0

Ion 82.95 (82.65 to 83.65): VU0

Ion 84.95 (84.65 to 85.65): VU0

Ion 98.95 (98.65 to 99.65): VU0



#53

1,3-Dichloropropane

Concen: 10.043 ug/l

RT: 8.60 min Scan# 2258

Delta R.T. 0.00 min

Lab File: VU038002.D

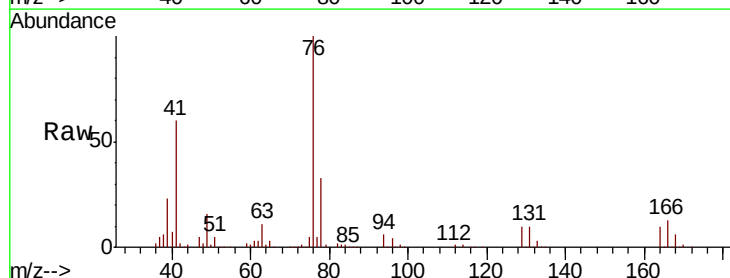
Acq: 04 May 2020 14:34

Tgt Ion: 76 Resp: 365535

Ion Ratio Lower Upper

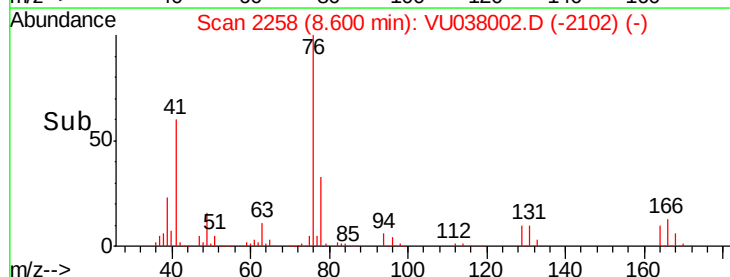
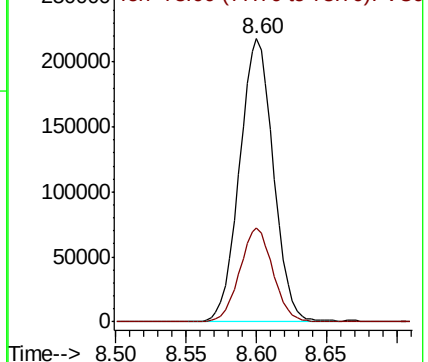
76 100

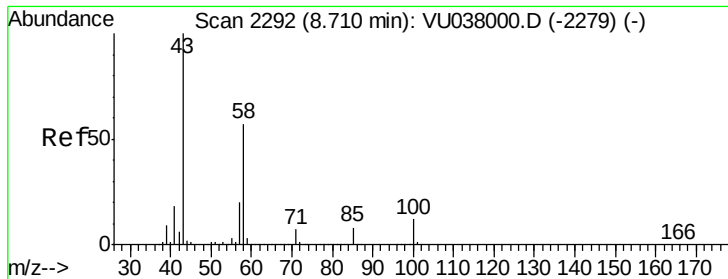
78 32.6 25.8 38.6



Abundance Ion 76.00 (75.70 to 76.70): VU0

Ion 78.00 (77.70 to 78.70): VU0





#54

2-Hexanone

Concen: 52.719 ug/l

RT: 8.71 min Scan# 2292

Delta R.T. 0.00 min

Lab File: VU038002.D

Acq: 04 May 2020 14:34

Instrument :

MSVOA_U

ClientSampled :

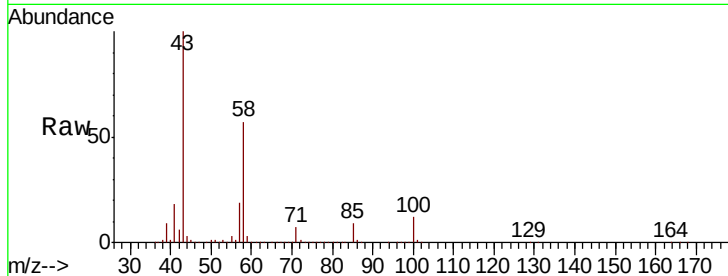
Tot Ion: 43 Resp: 694324

Ion Ratio Lower Upper

43 100

58 56.8 36.5 76.5

57 19.3 0.0 39.5



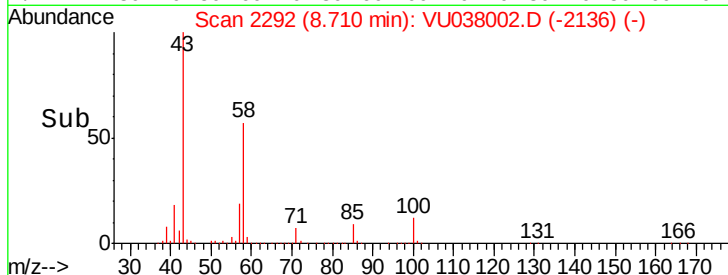
Abundance Ion 43.00 (42.70 to 43.70): VU038000.D (-2279) (-)

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

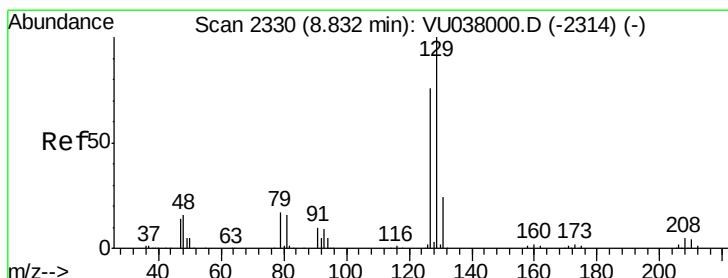
Ion 57.00 (56.70 to 57.70): VU038000.D (-2279) (-)

8.71

Time-->



Time-->



#55

Dibromochloromethane

Concen: 10.576 ug/l

RT: 8.83 min Scan# 2331

Delta R.T. 0.00 min

Lab File: VU038002.D

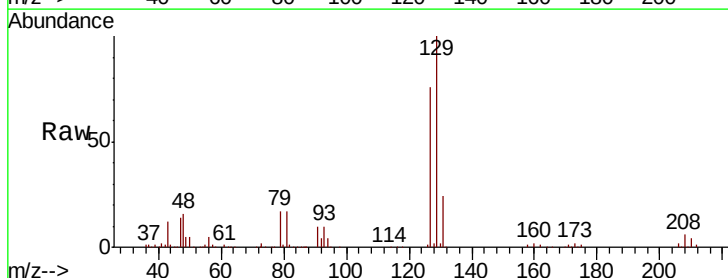
Acq: 04 May 2020 14:34

Tgt Ion: 129 Resp: 227198

Ion Ratio Lower Upper

129 100

127 75.7 62.2 93.2

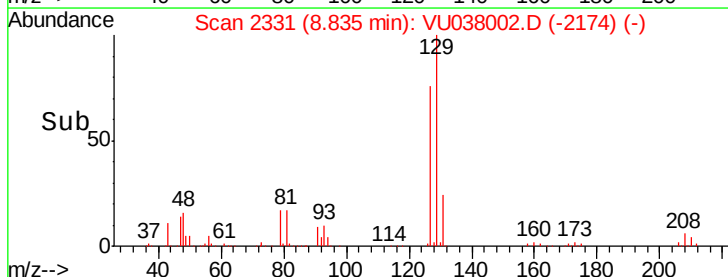


Abundance Ion 129.00 (128.70 to 129.70): VU038000.D (-2314) (-)

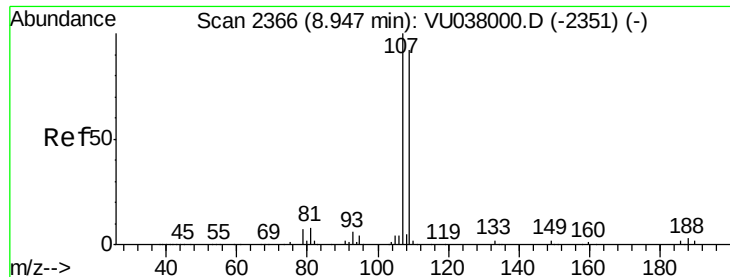
Ion 127.00 (126.70 to 127.70): VU038000.D (-2314) (-)

8.83

Time-->



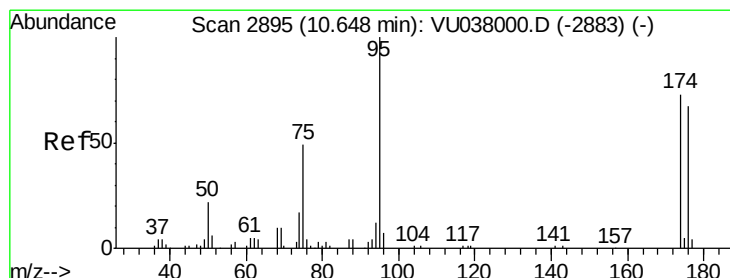
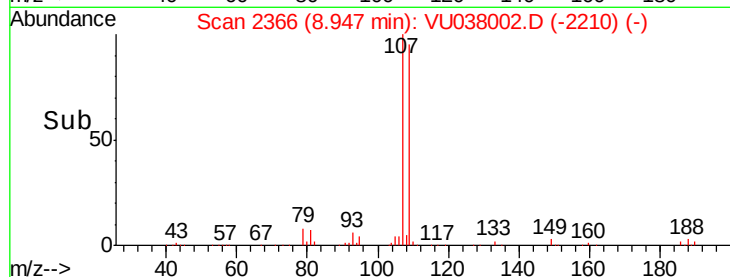
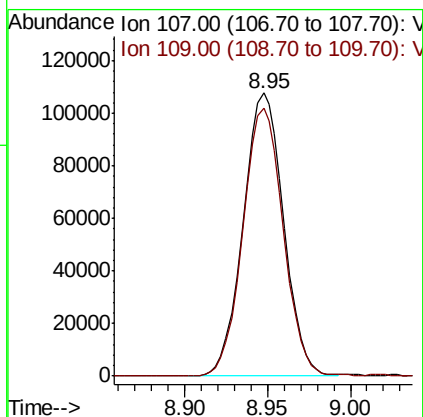
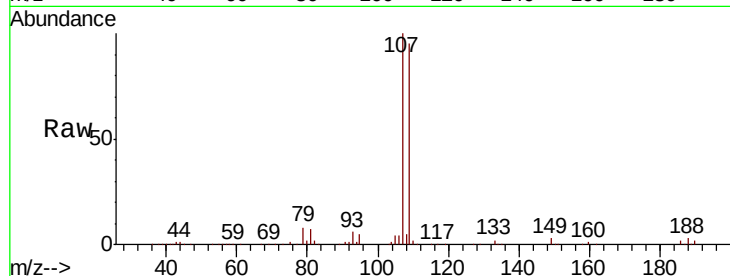
Time-->



#56
 1,2-Dibromoethane
 Concen: 9.940 ug/l
 RT: 8.95 min Scan# 2366
 Delta R.T. 0.00 min
 Lab File: VU038002.D
 Acq: 04 May 2020 14:34

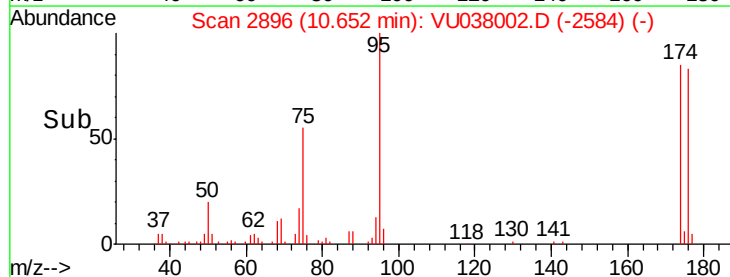
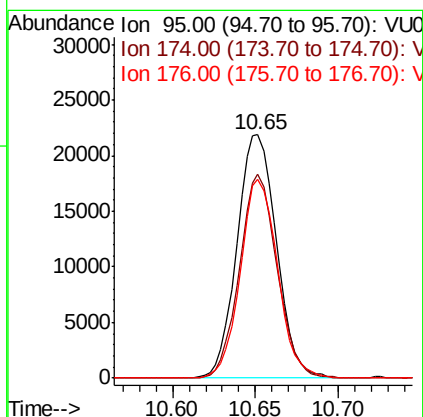
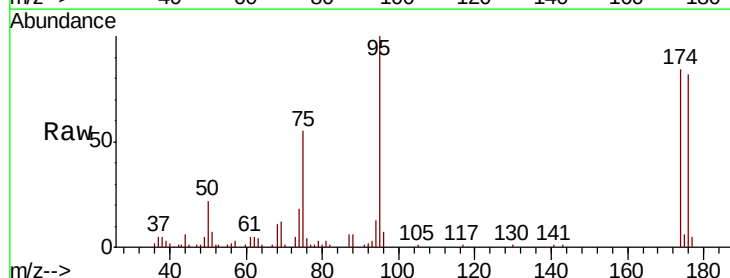
Instrument :
 MSVOA_U
 ClientSampleId :

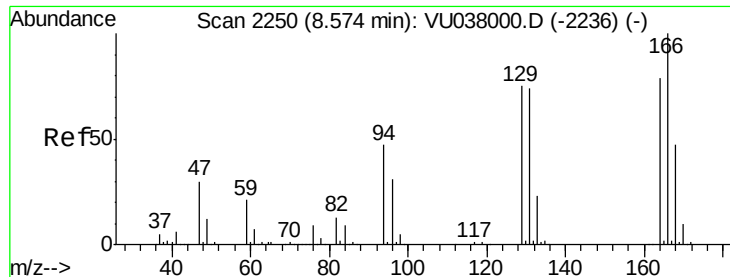
Tot Ion: 107 Resp: 181785
 Ion Ratio Lower Upper
 107 100
 109 95.1 0.0 184.6



#57
 4-Bromofluorobenzene
 Concen: 1.011 ug/l
 RT: 10.65 min Scan# 2896
 Delta R.T. 0.00 min
 Lab File: VU038002.D
 Acq: 04 May 2020 14:34

Tgt Ion: 95 Resp: 36309
 Ion Ratio Lower Upper
 95 100
 174 79.8 61.2 91.8
 176 77.3 57.1 85.7





#58

Tetrachloroethene

Concen: 10.600 ug/l

RT: 8.58 min Scan# 2251

Delta R.T. 0.00 min

Lab File: VU038002.D

Acq: 04 May 2020 14:34

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:164 Resp: 283712

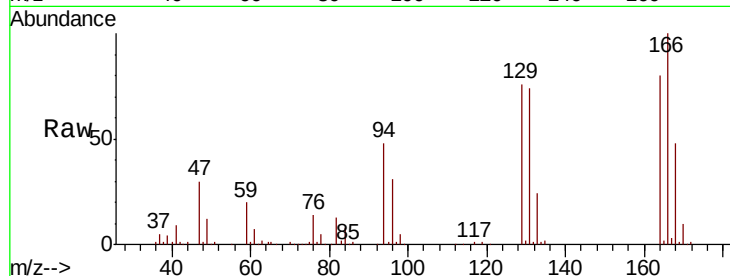
Ion Ratio Lower Upper

164 100

166 125.2 101.5 152.3

129 94.8 76.6 114.8

131 92.8 75.0 112.4



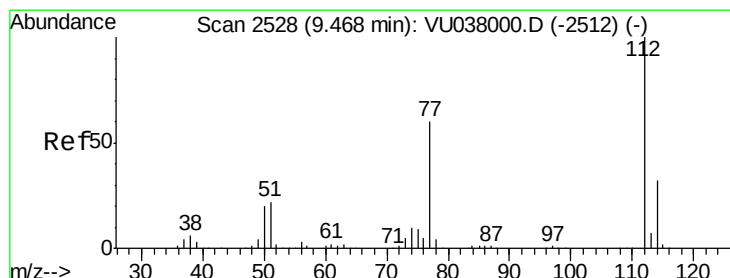
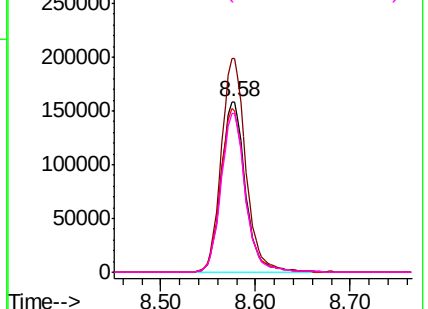
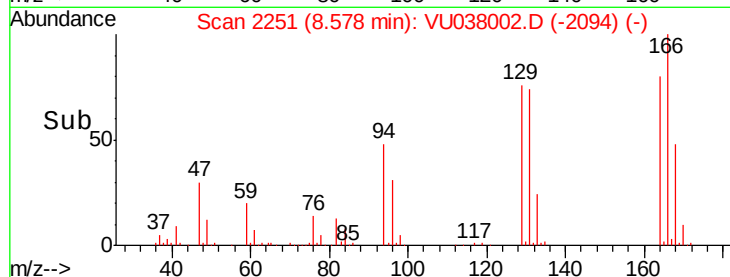
Abundance

Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#59

Chlorobenzene

Concen: 9.952 ug/l

RT: 9.47 min Scan# 2528

Delta R.T. 0.00 min

Lab File: VU038002.D

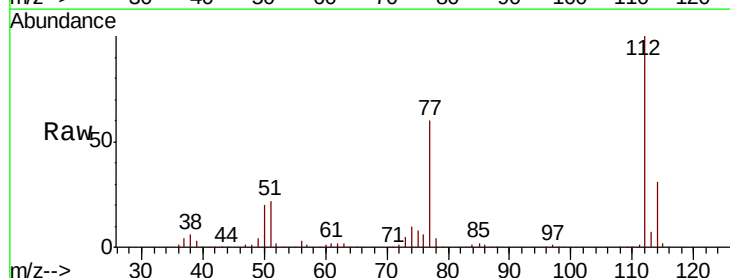
Acq: 04 May 2020 14:34

Tgt Ion:112 Resp: 729662

Ion Ratio Lower Upper

112 100

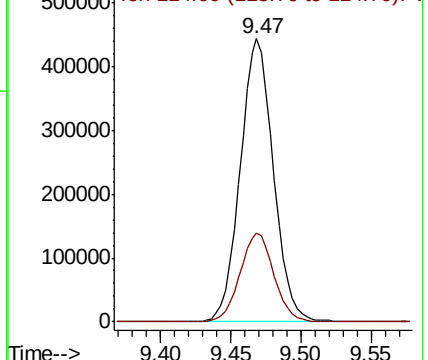
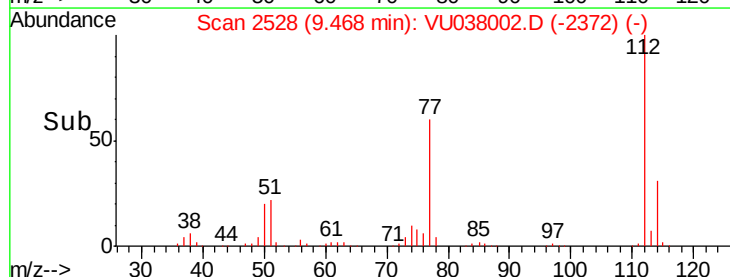
114 31.3 25.7 38.5

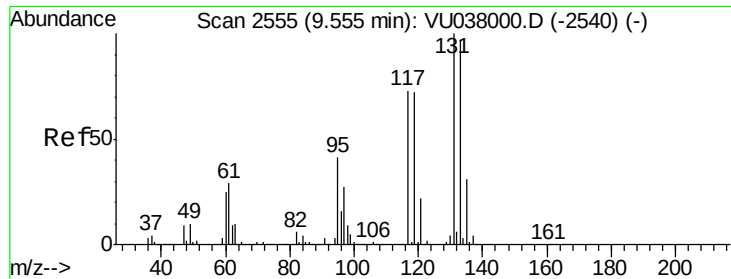


Abundance

Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

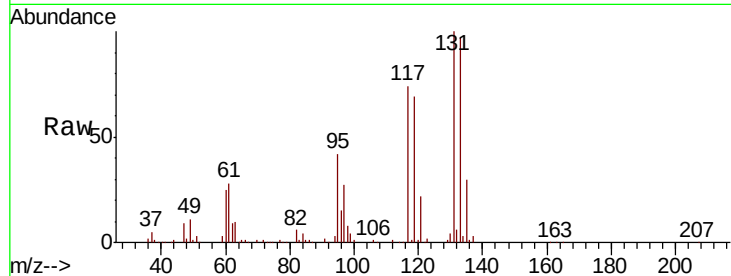




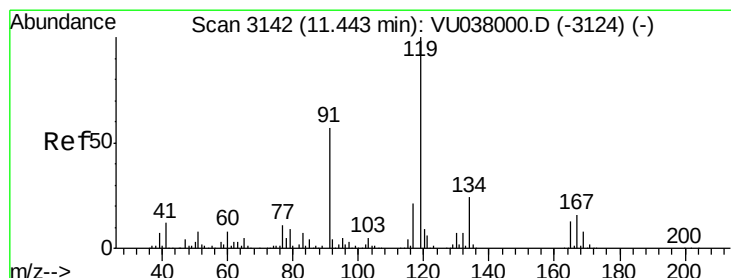
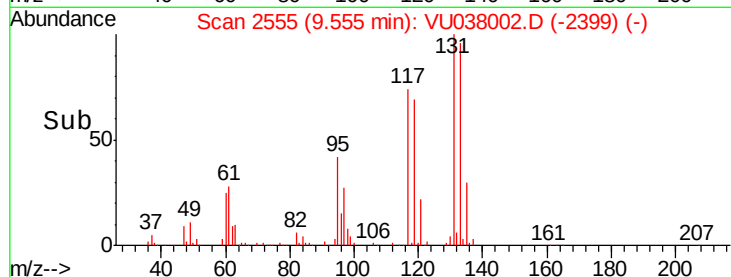
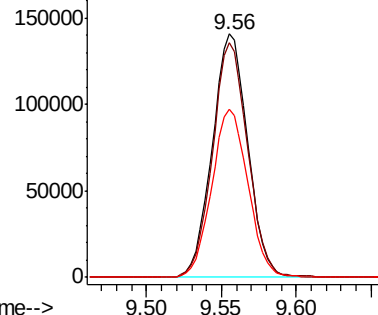
#60
 1,1,1,2-Tetrachloroethane
 Concen: 10.409 ug/l
 RT: 9.56 min Scan# 2555
 Delta R.T. 0.00 min
 Lab File: VU038002.D
 Acq: 04 May 2020 14:34

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion:131 Resp: 231699
 Ion Ratio Lower Upper
 131 100
 133 96.2 76.8 115.2
 119 70.5 56.7 85.1

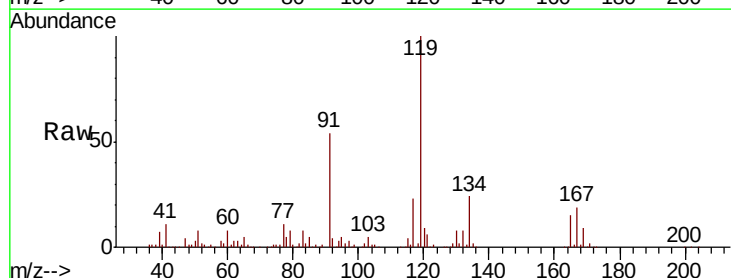


Abundance Ion 131.00 (130.70 to 131.70): V
 Ion 133.00 (132.70 to 133.70): V
 Ion 119.00 (118.70 to 119.70): V

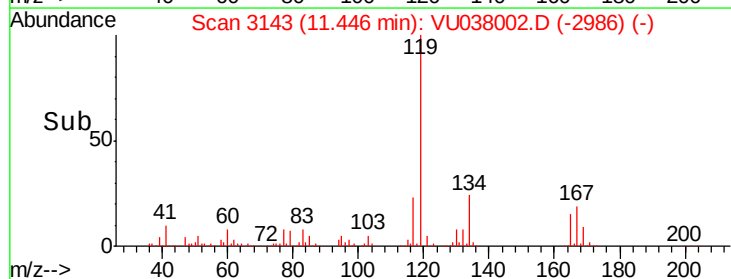
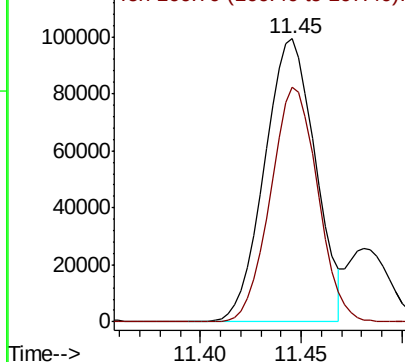


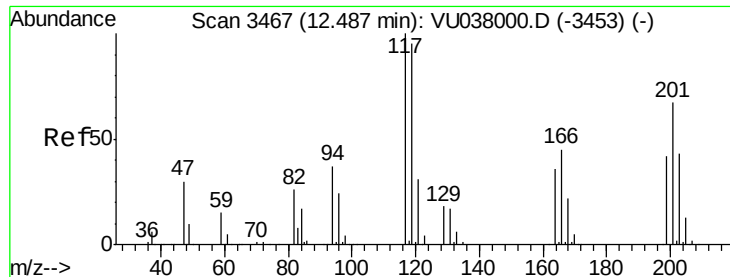
#61
 Pentachloroethane
 Concen: 10.398 ug/l
 RT: 11.45 min Scan# 3143
 Delta R.T. 0.00 min
 Lab File: VU038002.D
 Acq: 04 May 2020 14:34

Tgt Ion:117 Resp: 173368
 Ion Ratio Lower Upper
 117 100
 167 76.9 60.3 90.5



Abundance Ion 116.80 (116.50 to 117.50): V
 Ion 166.70 (166.40 to 167.40): V





#62

Hexachloroethane

Concen: 9.849 ug/l

RT: 12.49 min Scan# 3468

Delta R.T. 0.00 min

Lab File: VU038002.D

Acq: 04 May 2020 14:34

Instrument :

MSVOA_U

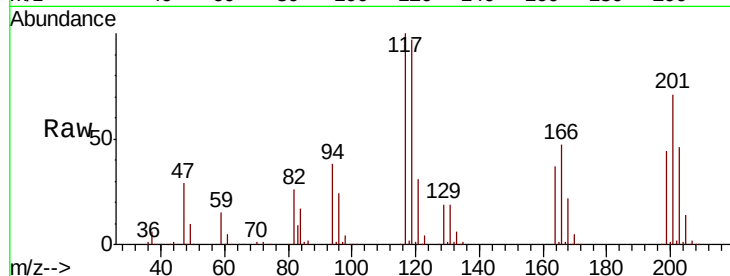
ClientSampled :

Tot Ion:117 Resp: 170907

Ion Ratio Lower Upper

117 100

201 69.4 54.7 82.1



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.60 (200.30 to 201.30): V

120000

100000

80000

60000

40000

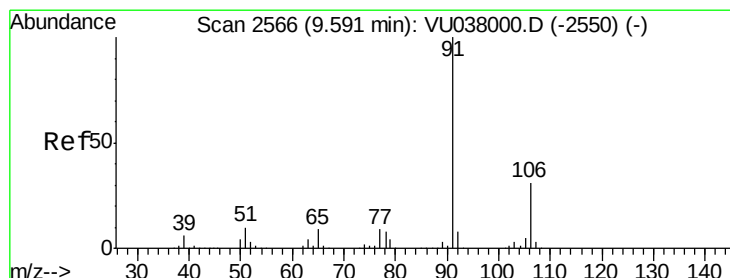
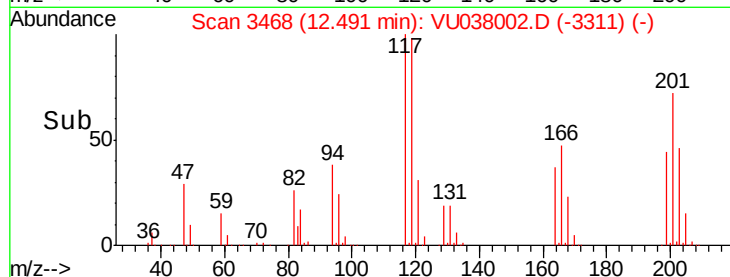
20000

0

12.49

12.40 12.45 12.50 12.55

Time-->



#63

Ethyl Benzene

Concen: 10.587 ug/l

RT: 9.59 min Scan# 2566

Delta R.T. 0.00 min

Lab File: VU038002.D

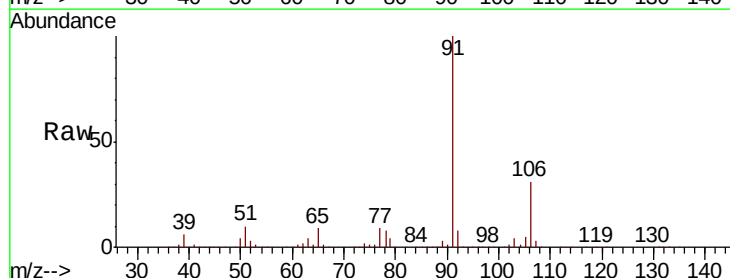
Acq: 04 May 2020 14:34

Tgt Ion: 91 Resp: 1380990

Ion Ratio Lower Upper

91 100

106 30.8 24.9 37.3



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 106.00 (105.70 to 106.70): V

1000000

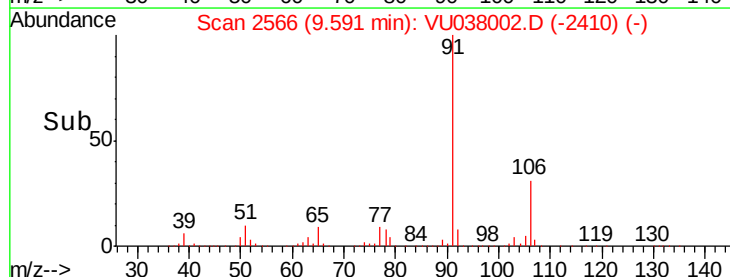
500000

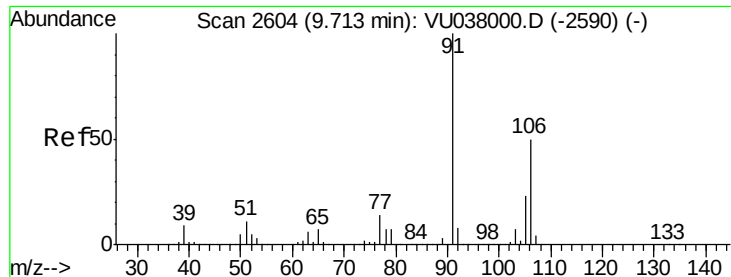
0

9.59

9.50 9.55 9.60 9.65 9.70

Time-->





#64

m/p-Xylenes

Concen: 21.241 ug/l

RT: 9.71 min Scan# 2604

Delta R.T. 0.00 min

Lab File: VU038002.D

Acq: 04 May 2020 14:34

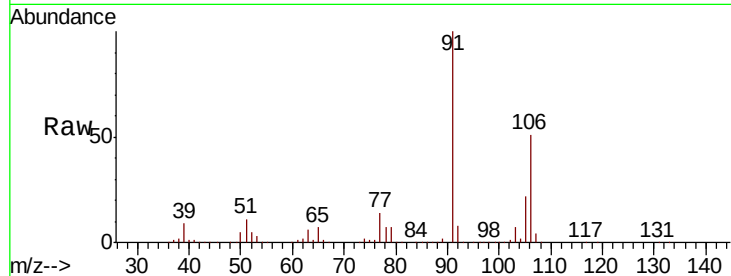
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:106 Resp: 1066429

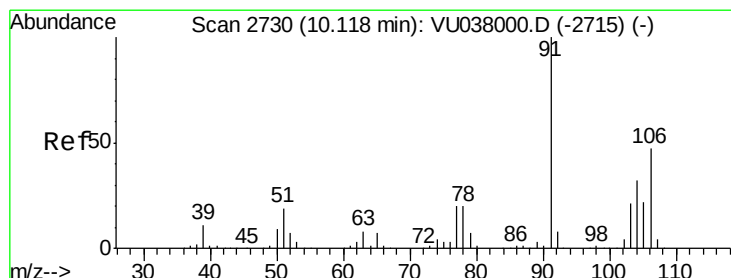
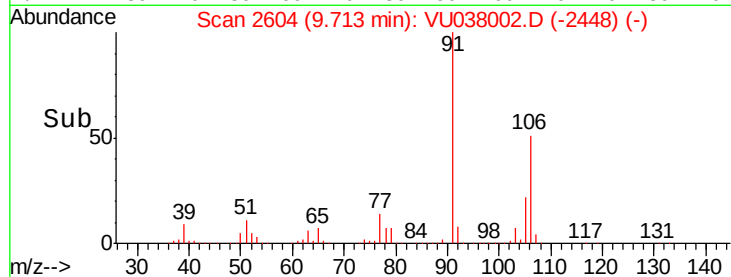
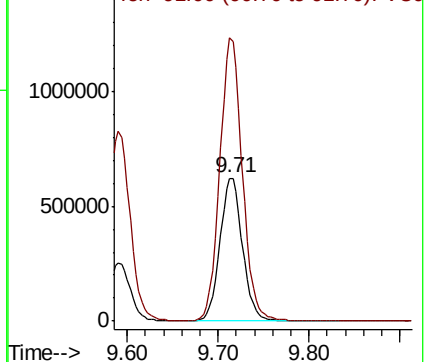
Ion Ratio Lower Upper

106 100

91 198.3 159.5 239.3



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0



#65

o-Xylene

Concen: 10.330 ug/l

RT: 10.12 min Scan# 2731

Delta R.T. 0.00 min

Lab File: VU038002.D

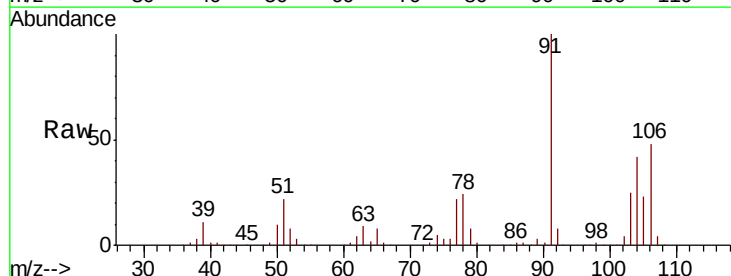
Acq: 04 May 2020 14:34

Tgt Ion:106 Resp: 505524

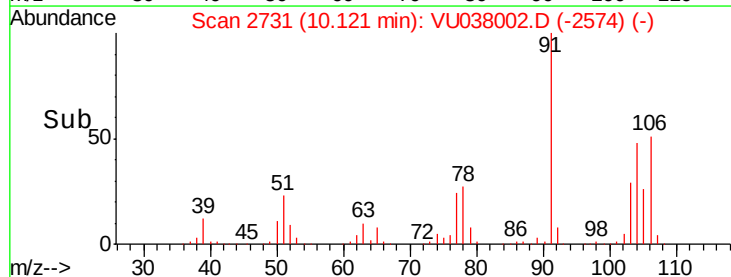
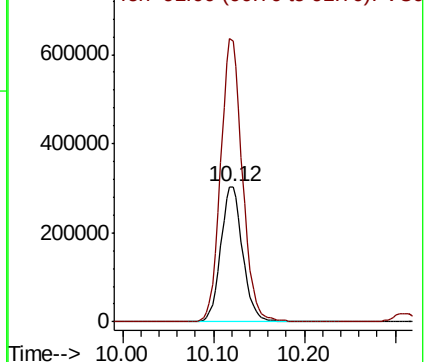
Ion Ratio Lower Upper

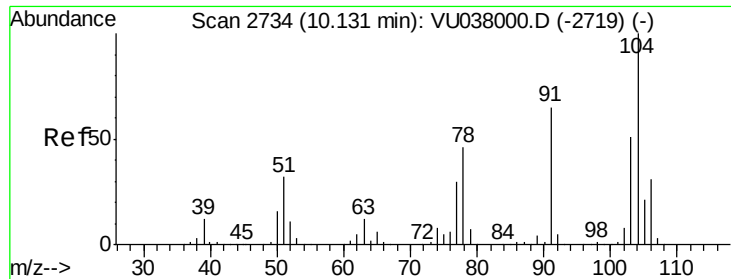
106 100

91 208.6 105.7 317.0



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

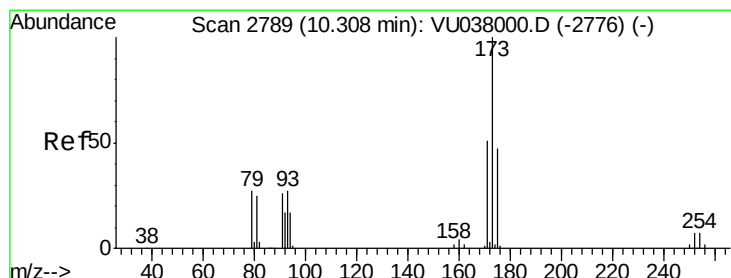
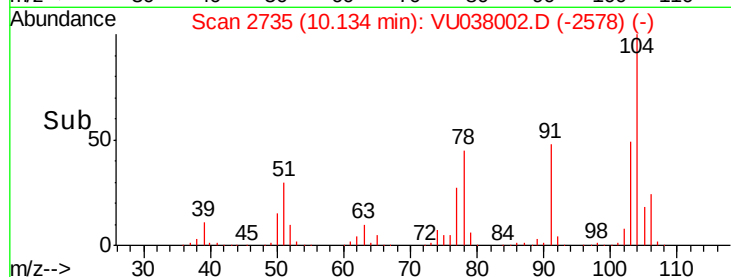
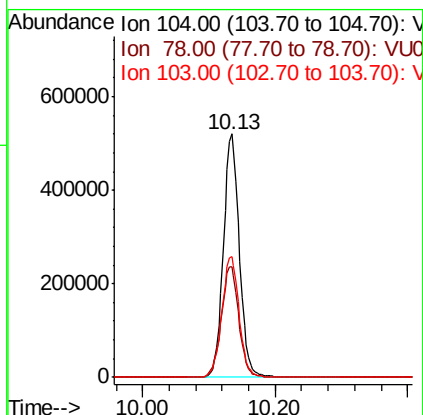
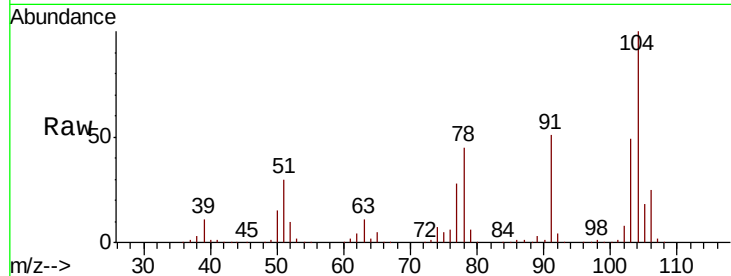




#66
Stvrene
Concen: 10.787 ug/l
RT: 10.13 min Scan# 2735
Delta R.T. 0.00 min
Lab File: VU038002.D
Acq: 04 May 2020 14:34

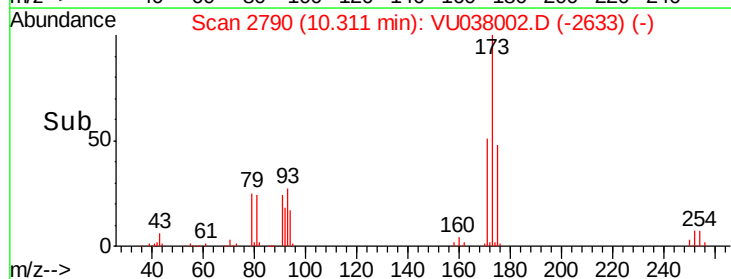
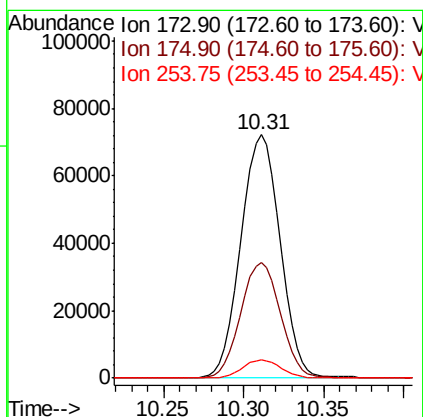
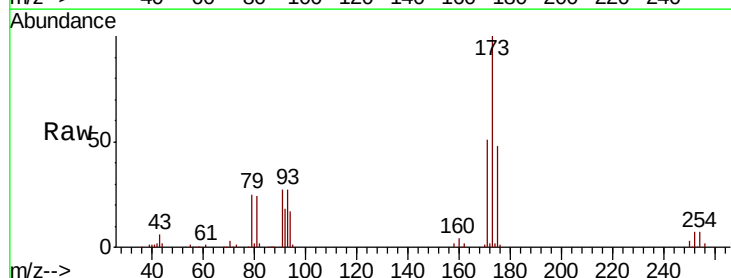
Instrument :
MSVOA_U
ClientSampled :

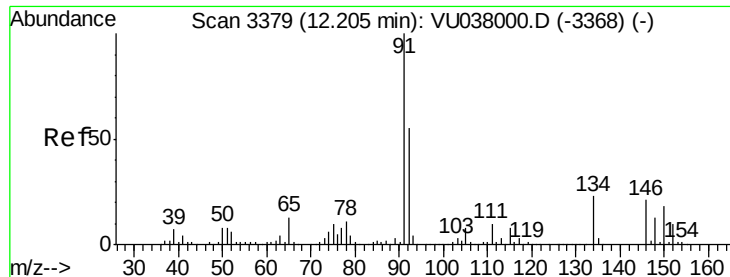
Tot Ion:104 Resp: 869778
Ion Ratio Lower Upper
104 100
78 49.6 39.9 59.9
103 53.5 43.4 65.2



#67
Bromoform
Concen: 10.723 ug/l
RT: 10.31 min Scan# 2790
Delta R.T. 0.00 min
Lab File: VU038002.D
Acq: 04 May 2020 14:34

Tgt Ion:173 Resp: 121158
Ion Ratio Lower Upper
173 100
175 48.1 37.6 56.4
254 7.3 5.5 8.3

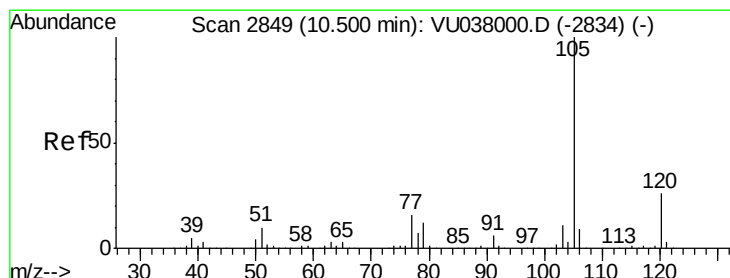
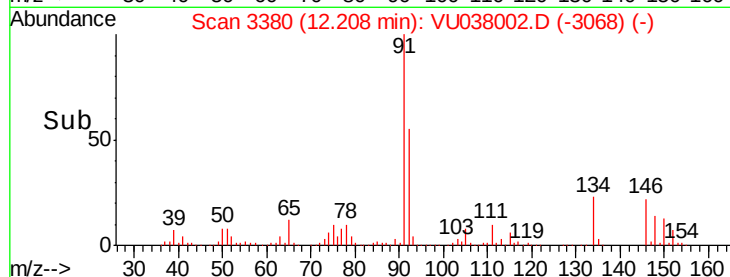
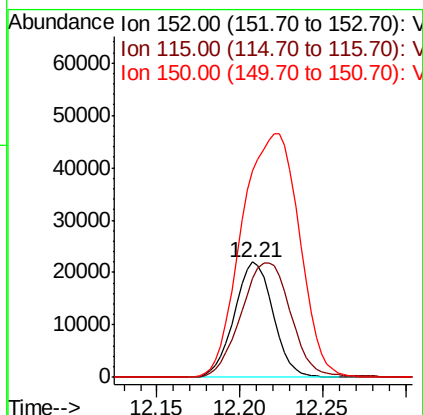
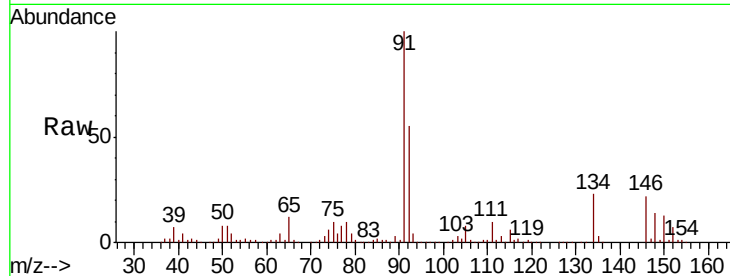




#68
 1,2-Dichlorobenzene-d4
 Concen: 1.030 ug/l
 RT: 12.21 min Scan# 3380
 Delta R.T. 0.00 min
 Lab File: VU038002.D
 Acq: 04 May 2020 14:34

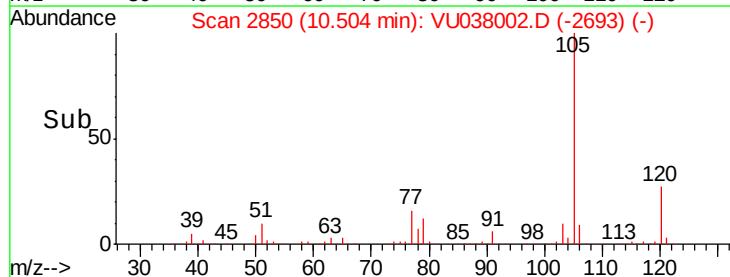
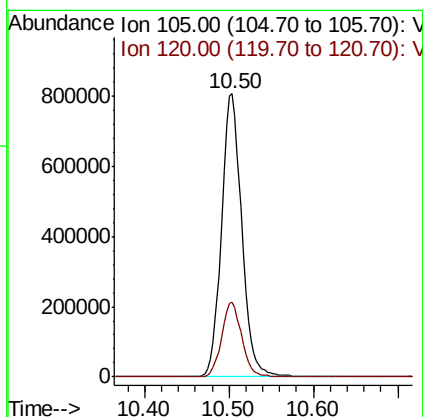
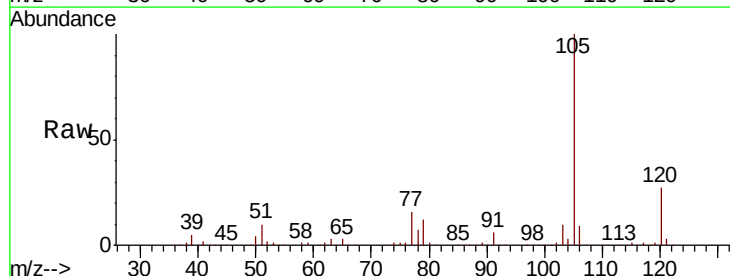
Instrument :
 MSVOA_U
 ClientSampled :

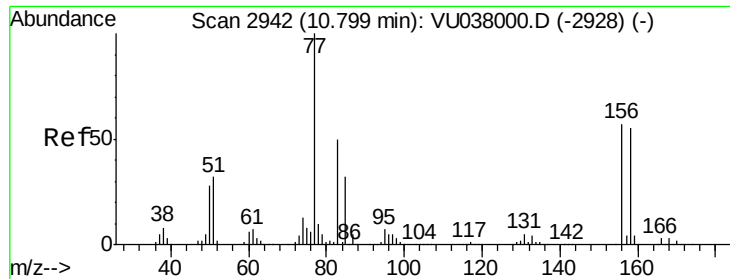
Tot Ion:152 Resp: 35815
 Ion Ratio Lower Upper
 152 100
 115 127.0 0.0 261.0
 150 313.3 0.0 650.2



#69
 Isopropylbenzene
 Concen: 10.553 ug/l
 RT: 10.50 min Scan# 2850
 Delta R.T. 0.00 min
 Lab File: VU038002.D
 Acq: 04 May 2020 14:34

Tgt Ion:105 Resp: 1348517
 Ion Ratio Lower Upper
 105 100
 120 26.3 13.1 39.3





#70

1,1,2,2-Tetrachloroethane

Concen: 10.126 ug/l

RT: 10.80 min Scan# 2942

Delta R.T. 0.00 min

Lab File: VU038002.D

Acq: 04 May 2020 14:34

Instrument :

MSVOA_U

ClientSampled :

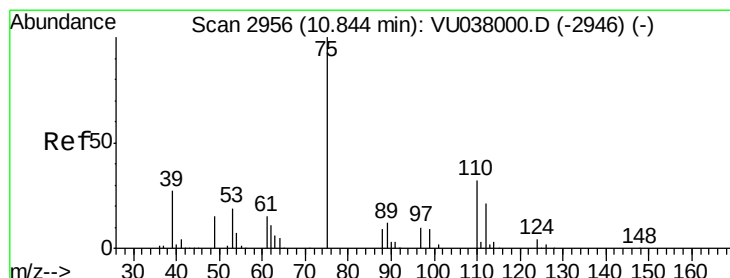
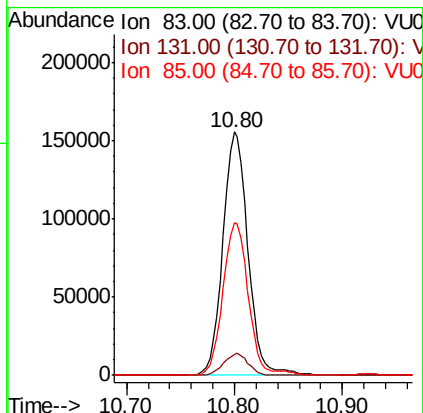
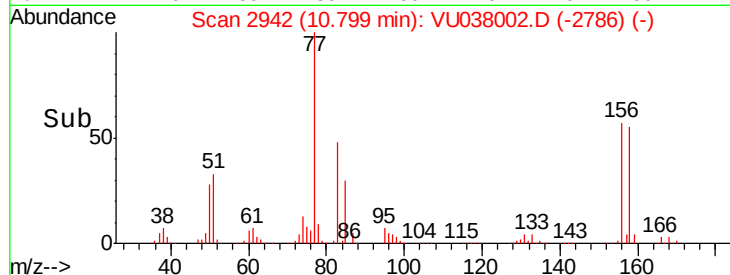
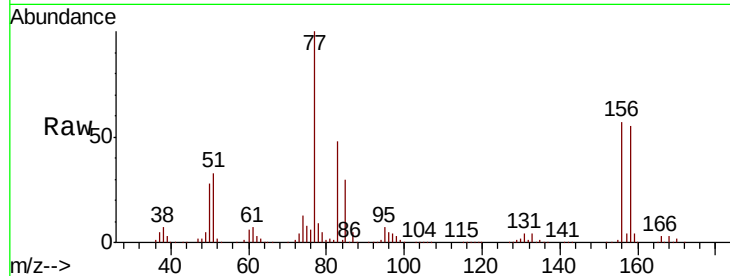
Tot Ion: 83 Resp: 251579

Ion Ratio Lower Upper

83 100

131 8.7 7.2 10.8

85 63.7 50.0 75.0



#71

1,2,3-Trichloropropane

Concen: 13.760 ug/l

RT: 10.84 min Scan# 2956

Delta R.T. -0.00 min

Lab File: VU038002.D

Acq: 04 May 2020 14:34

Tgt Ion: 75 Resp: 252802

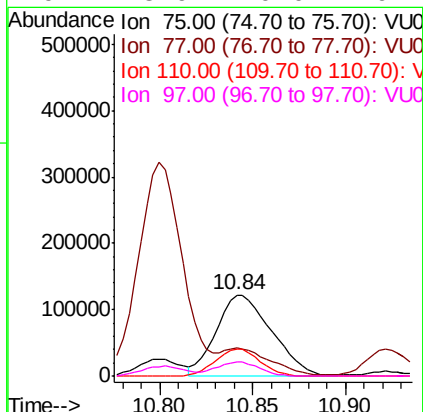
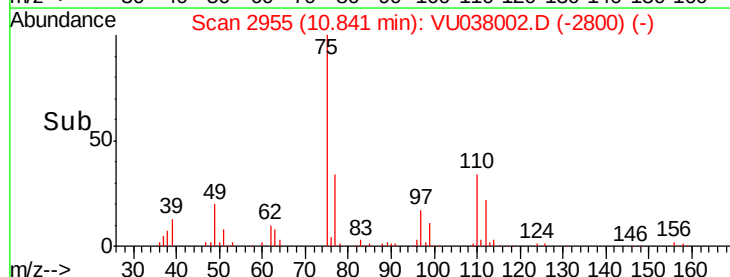
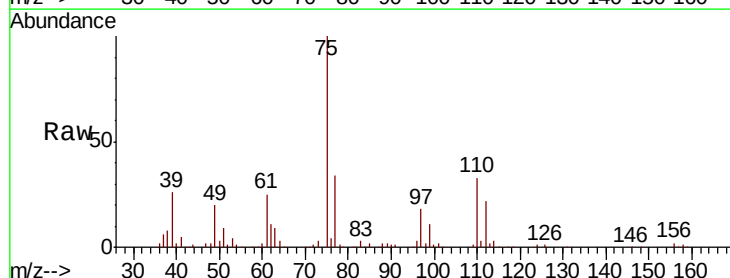
Ion Ratio Lower Upper

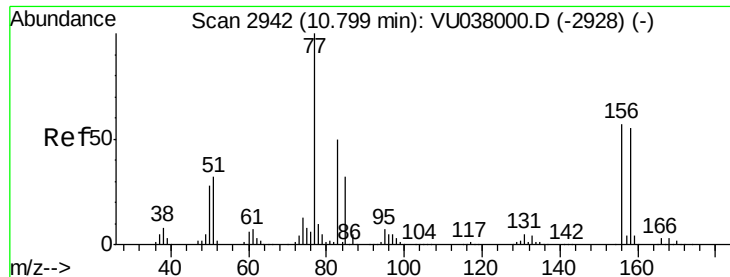
75 100

77 0.0 0.0 108.6

110 26.7 0.0 79.4

97 13.9 0.0 40.4





#72

Bromobenzene

Concen: 10.672 ug/l

RT: 10.80 min Scan# 2942

Delta R.T. 0.00 min

Lab File: VU038002.D

Acq: 04 May 2020 14:34

Instrument :

MSVOA_U

ClientSampleId :

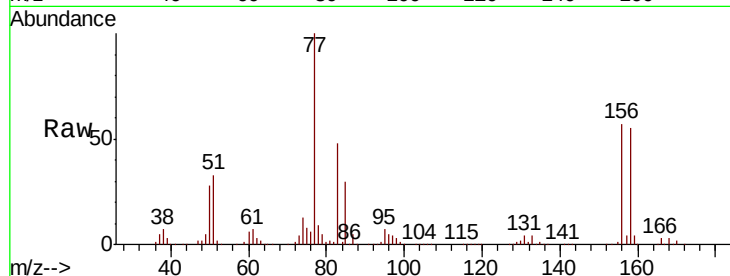
Tot Ion:156 Resp: 304617

Ion Ratio Lower Upper

156 100

77 174.4 0.0 355.6

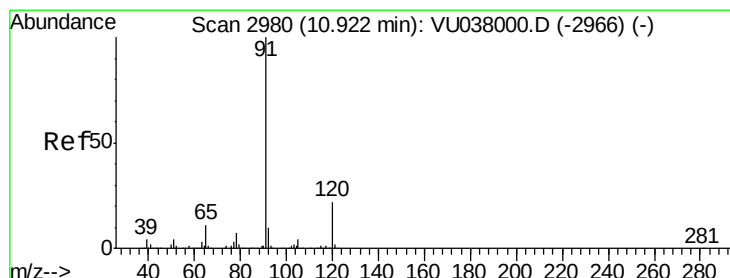
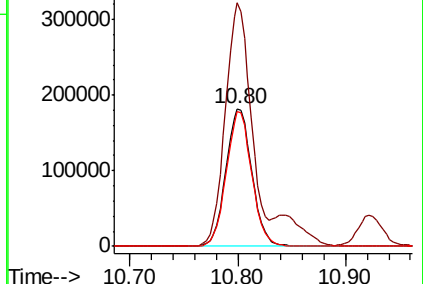
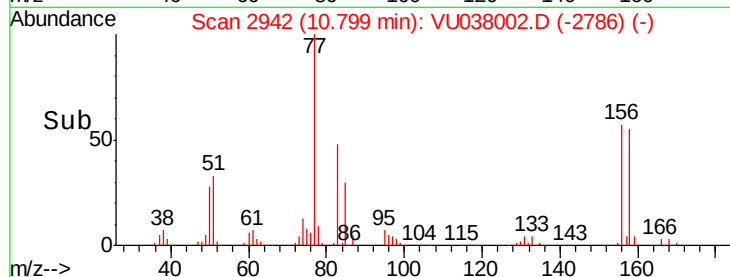
158 96.1 0.0 194.0



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 158.00 (157.70 to 158.70): V



#73

n-propylbenzene

Concen: 10.541 ug/l

RT: 10.92 min Scan# 2981

Delta R.T. 0.00 min

Lab File: VU038002.D

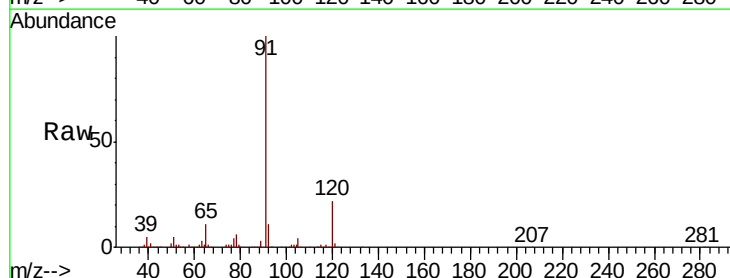
Acq: 04 May 2020 14:34

Tgt Ion:120 Resp: 369626

Ion Ratio Lower Upper

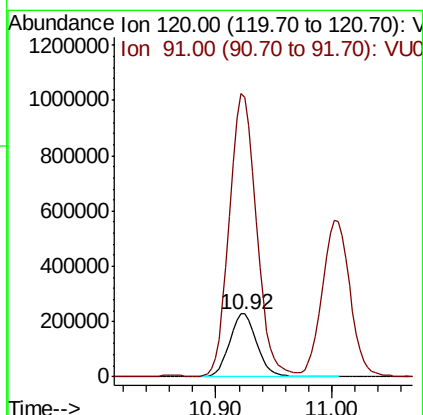
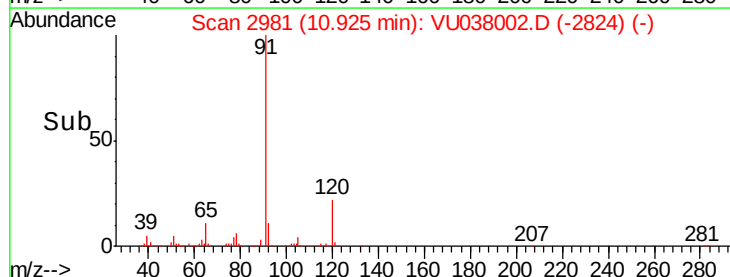
120 100

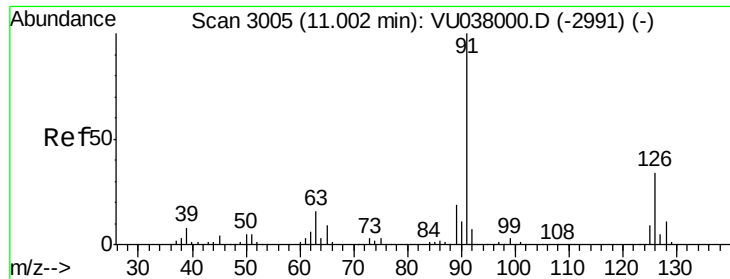
91 446.1 355.4 533.0



Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0





#74

2-Chlorotoluene

Concen: 10.369 ug/l

RT: 11.01 min Scan# 3006

Delta R.T. 0.00 min

Lab File: VU038002.D

Acq: 04 May 2020 14:34

Instrument :

MSVOA_U

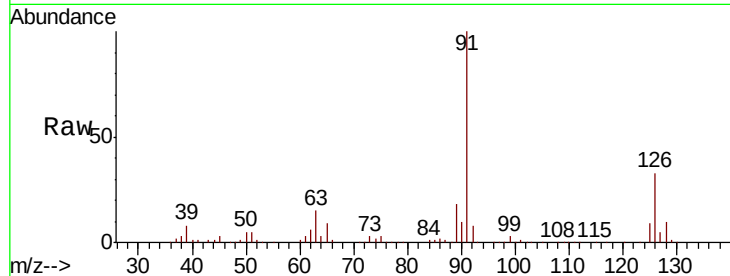
ClientSampleId :

Tot Ion:126 Resp: 305195

Ion Ratio Lower Upper

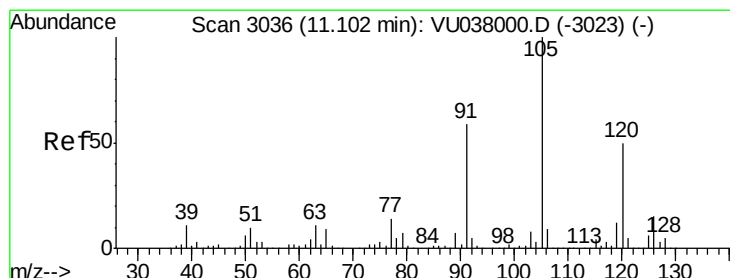
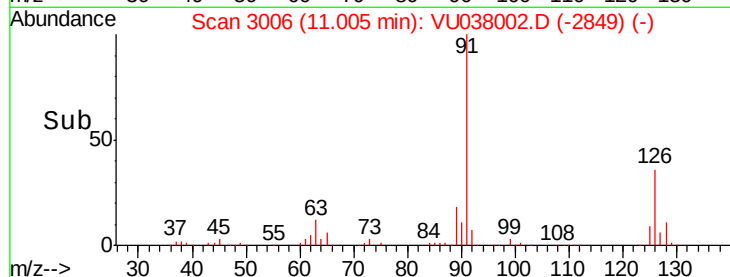
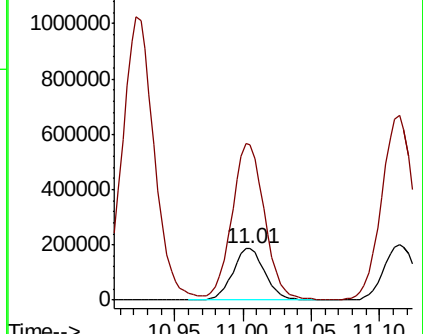
126 100

91 308.8 0.0 625.8



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0



#75

1,3,5-Trimethylbenzene

Concen: 10.831 ug/l

RT: 11.10 min Scan# 3037

Delta R.T. 0.00 min

Lab File: VU038002.D

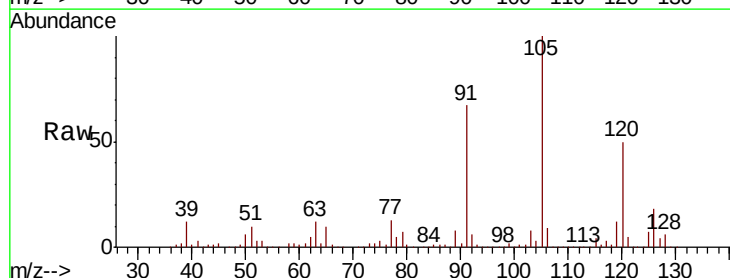
Acq: 04 May 2020 14:34

Tgt Ion:105 Resp: 1145520

Ion Ratio Lower Upper

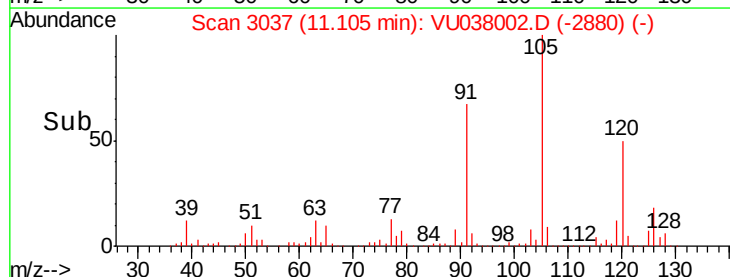
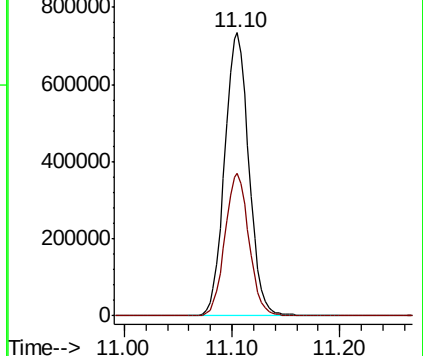
105 100

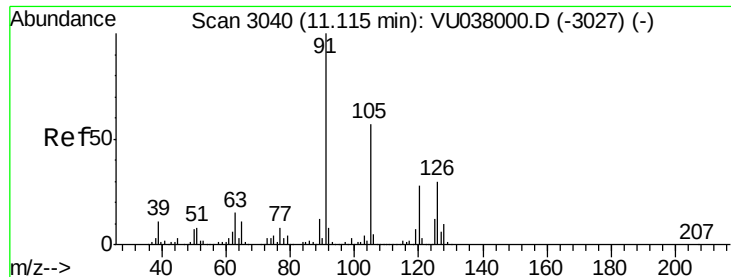
120 50.1 39.8 59.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

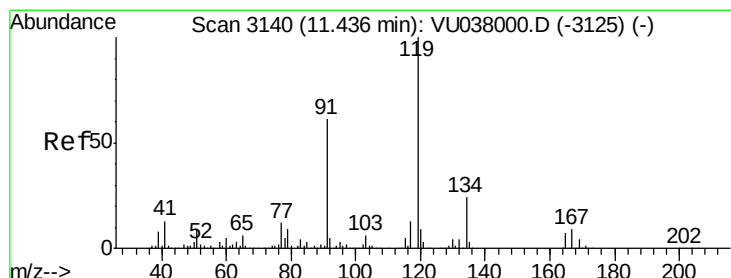
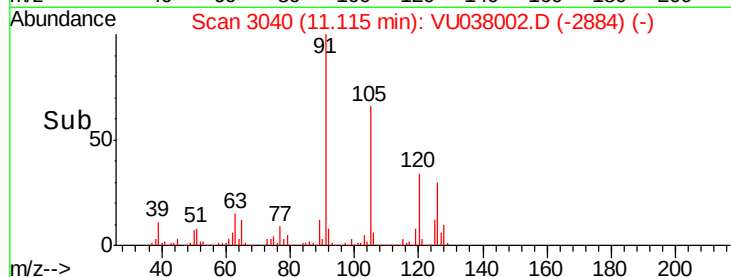
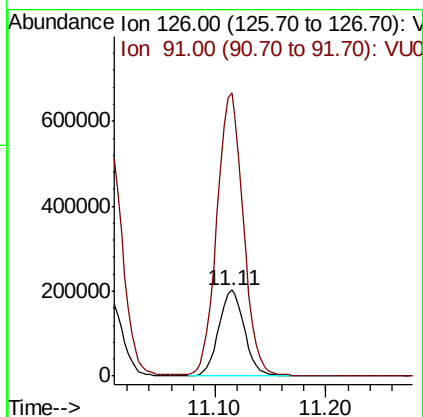
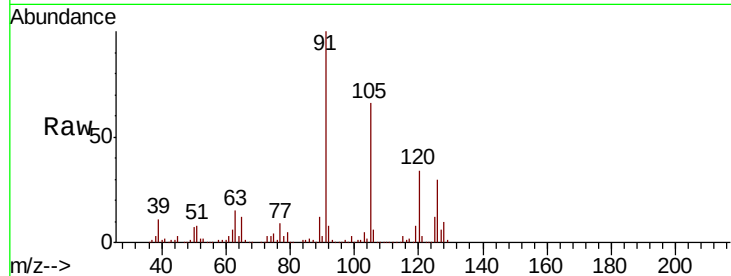




#76
4-Chlorotoluene
Concen: 10.682 ug/l
RT: 11.11 min Scan# 3040
Delta R.T. 0.00 min
Lab File: VU038002.D
Acq: 04 May 2020 14:34

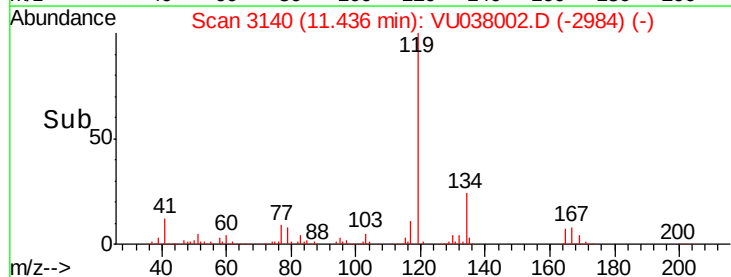
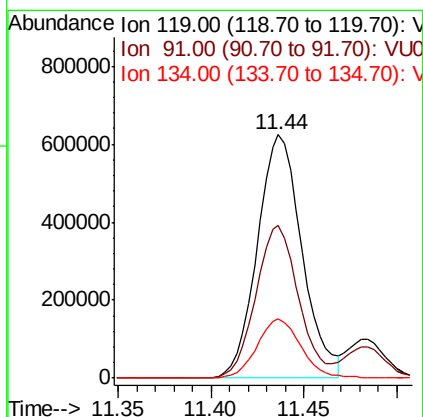
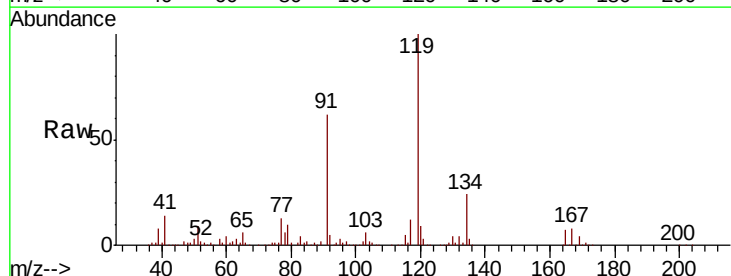
Instrument :
MSVOA_U
ClientSampled :

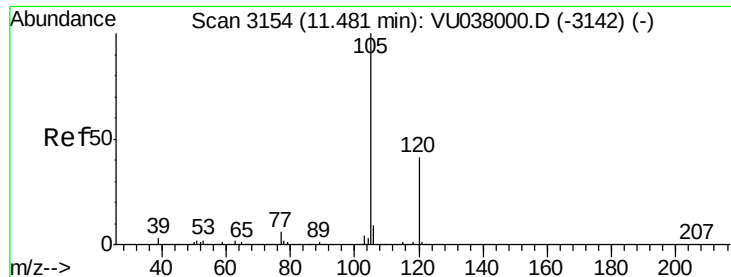
Tot Ion:126 Resp: 326525
Ion Ratio Lower Upper
126 100
91 339.9 0.0 698.6



#77
tert-Butylbenzene
Concen: 10.397 ug/l
RT: 11.44 min Scan# 3140
Delta R.T. 0.00 min
Lab File: VU038002.D
Acq: 04 May 2020 14:34

Tgt Ion:119 Resp: 1046702
Ion Ratio Lower Upper
119 100
91 60.0 30.1 90.5
134 23.9 19.0 28.6





#78

1,2,4-Trimethylbenzene

Concen: 10.646 ug/l

RT: 11.48 min Scan# 3155

Delta R.T. 0.00 min

Lab File: VU038002.D

Acq: 04 May 2020 14:34

Instrument :

MSVOA_U

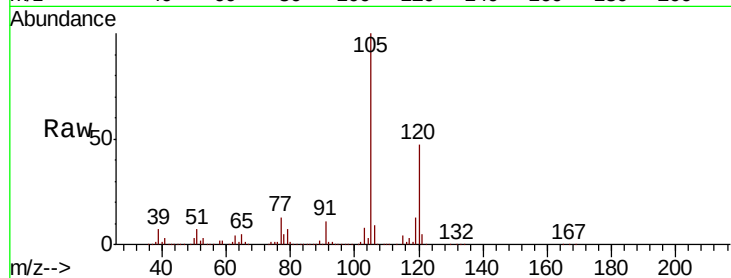
ClientSampled :

Tot Ion:105 Resp: 1159353

Ion Ratio Lower Upper

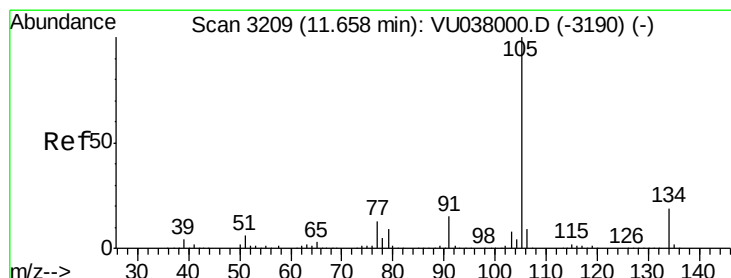
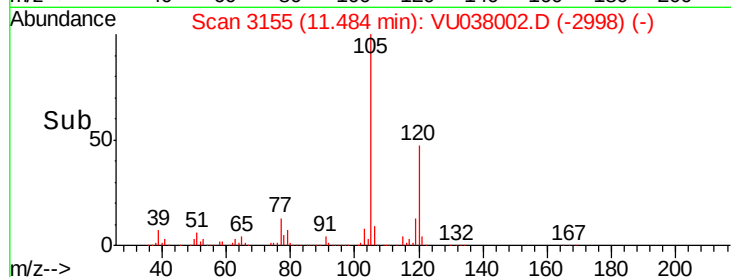
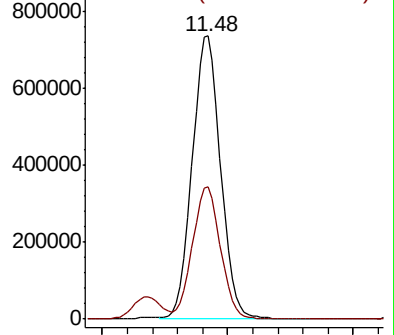
105 100

120 46.4 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: 9.743 ug/l

RT: 11.66 min Scan# 3209

Delta R.T. 0.00 min

Lab File: VU038002.D

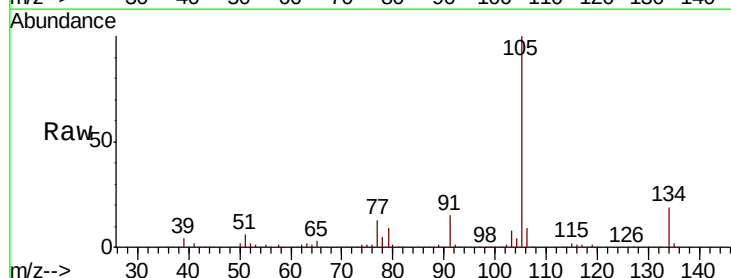
Acq: 04 May 2020 14:34

Tgt Ion:105 Resp: 1405007

Ion Ratio Lower Upper

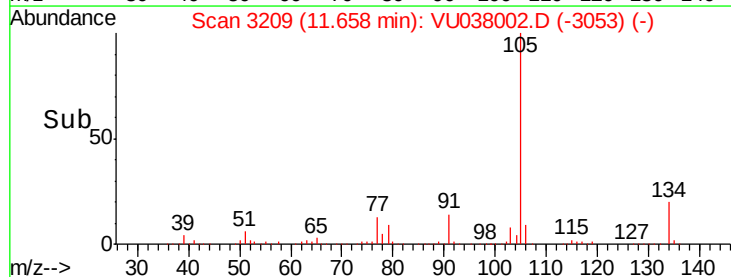
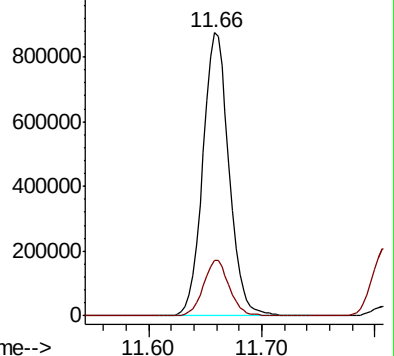
105 100

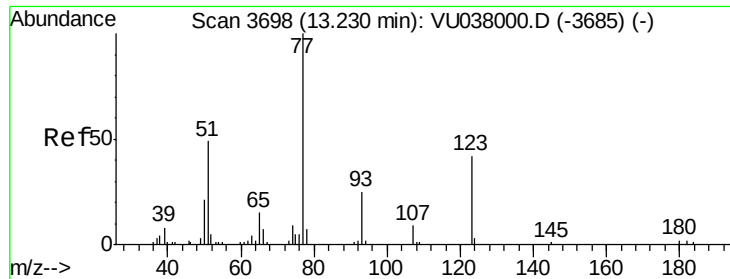
134 19.5 15.4 23.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V





#80

Nitrobenzene

Concen: 8.450 ug/l

RT: 13.23 min Scan# 3698

Delta R.T. 0.00 min

Lab File: VU038002.D

Acq: 04 May 2020 14:34

Instrument :

MSVOA_U

ClientSampleId :

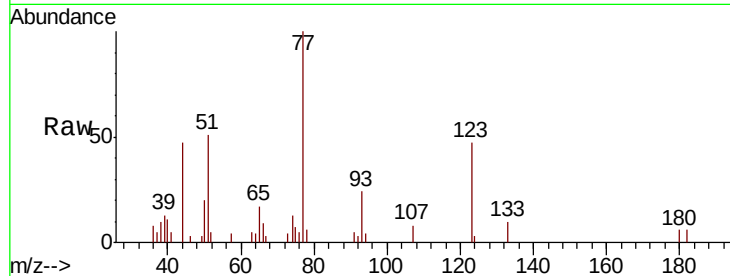
Tot Ion: 77 Resp: 6224

Ion Ratio Lower Upper

77 100

123 45.6 17.6 62.6

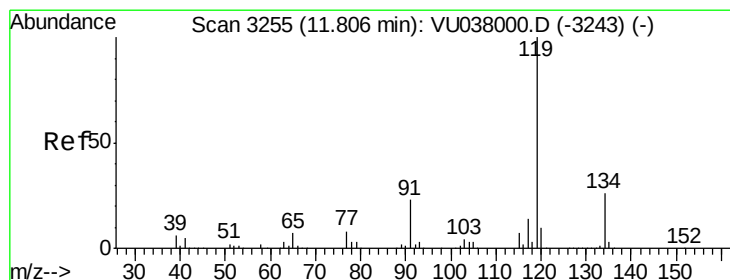
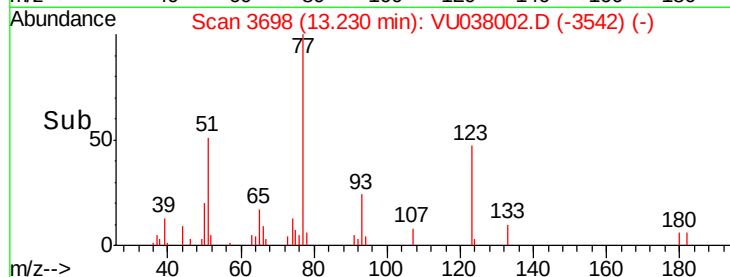
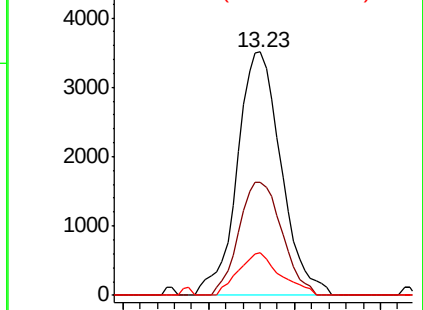
65 0.0 13.2 16.8#



Abundance Ion 77.00 (76.70 to 77.70): VU038000.D (-3685) (-)

Ion 123.00 (122.70 to 123.70): VU038000.D (-3685) (-)

Ion 65.00 (64.70 to 65.70): VU038000.D (-3685) (-)



#81

p-Isopropyltoluene

Concen: 10.826 ug/l

RT: 11.81 min Scan# 3256

Delta R.T. 0.00 min

Lab File: VU038002.D

Acq: 04 May 2020 14:34

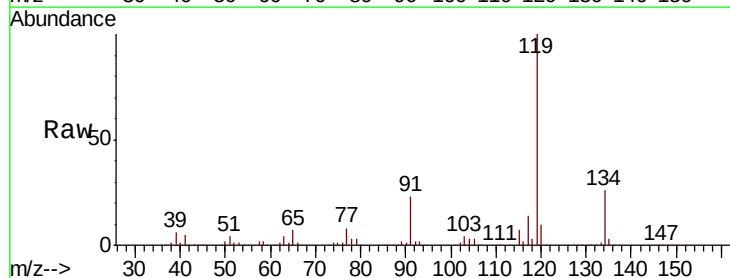
Tgt Ion: 119 Resp: 1259920

Ion Ratio Lower Upper

119 100

134 25.8 20.6 31.0

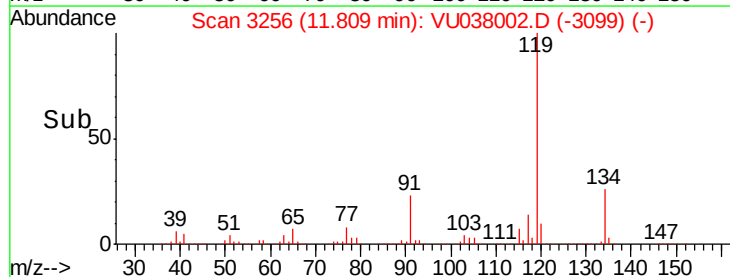
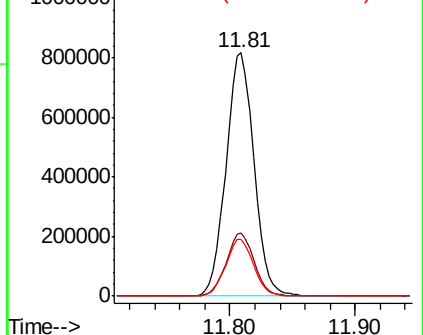
91 23.4 18.6 28.0

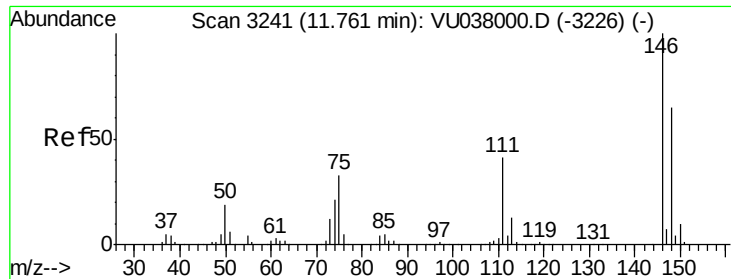


Abundance Ion 119.00 (118.70 to 119.70): VU038000.D (-3243) (-)

Ion 134.00 (133.70 to 134.70): VU038000.D (-3243) (-)

Ion 91.00 (90.70 to 91.70): VU038000.D (-3243) (-)

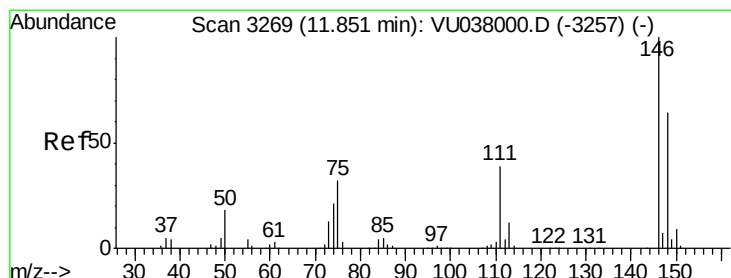
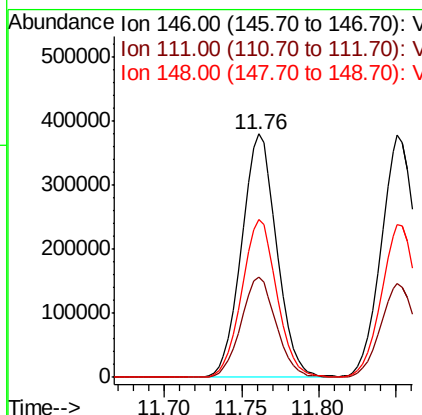
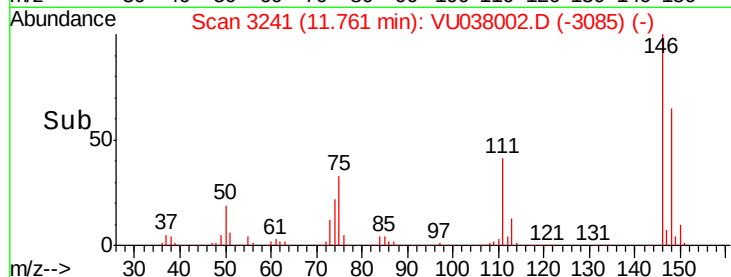
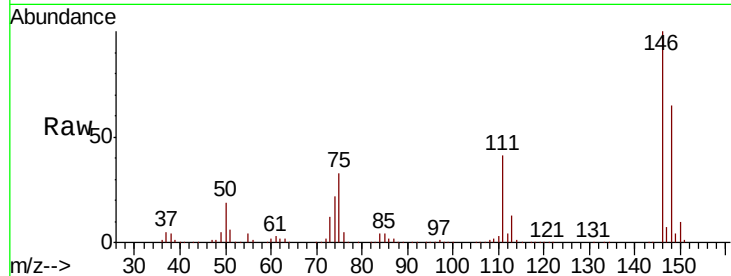




#82
 1,3-Dichlorobenzene
 Concen: 10.140 ug/l
 RT: 11.76 min Scan# 3241
 Delta R.T. 0.00 min
 Lab File: VU038002.D
 Acq: 04 May 2020 14:34

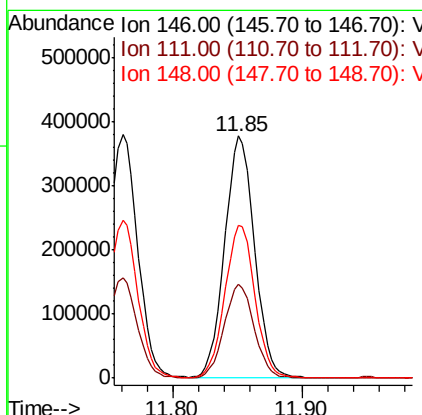
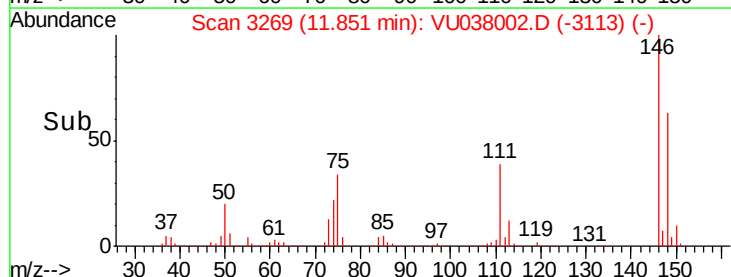
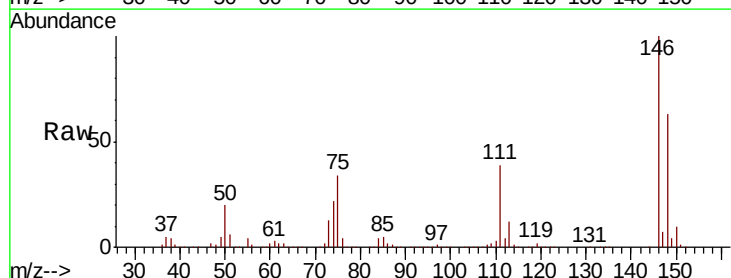
Instrument :
 MSVOA_U
 ClientSampleId :

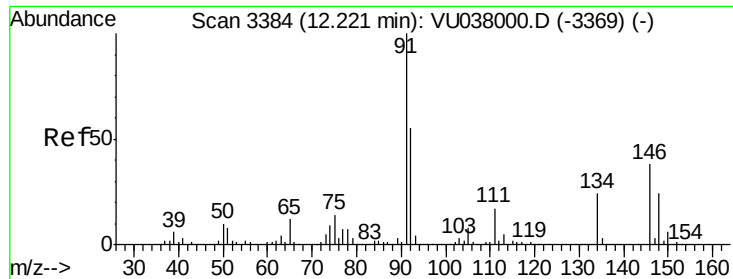
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.1	33.0	49.4
148	64.6	51.4	77.2



#83
 1,4-Dichlorobenzene
 Concen: 10.164 ug/l
 RT: 11.85 min Scan# 3269
 Delta R.T. 0.00 min
 Lab File: VU038002.D
 Acq: 04 May 2020 14:34

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.8	31.8	47.6
148	63.4	51.2	76.8

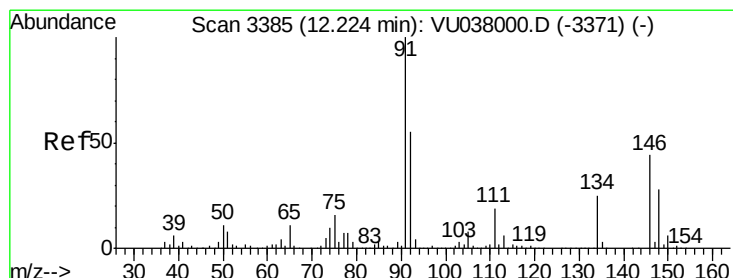
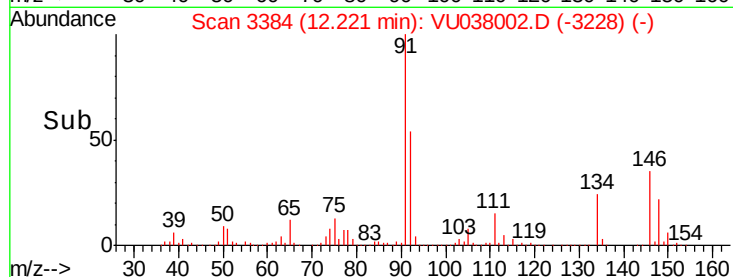
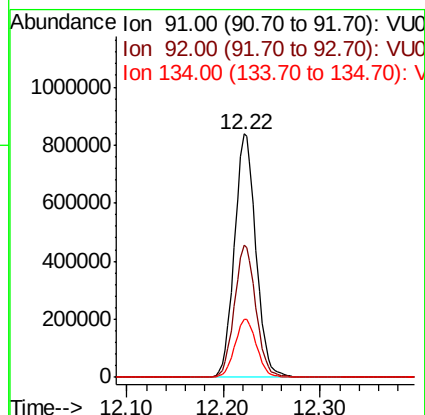
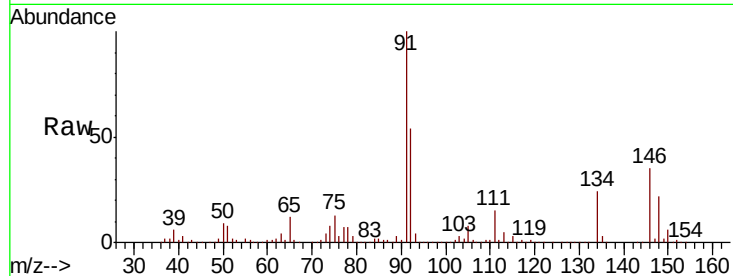




#84
n-Butylbenzene
Concen: 11.118 ug/l
RT: 12.22 min Scan# 3384
Delta R.T. 0.00 min
Lab File: VU038002.D
Acq: 04 May 2020 14:34

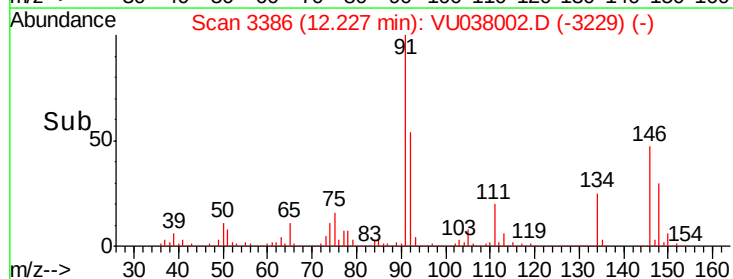
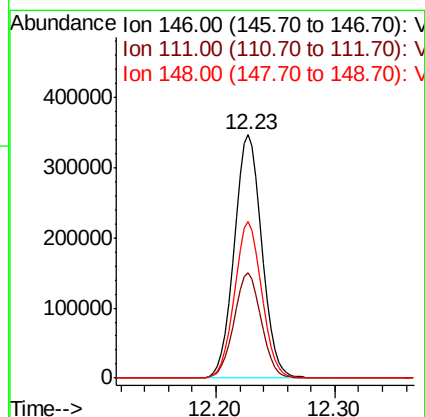
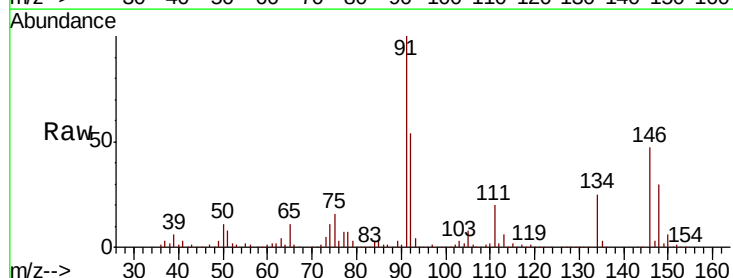
Instrument :
MSVOA_U
ClientSampled :

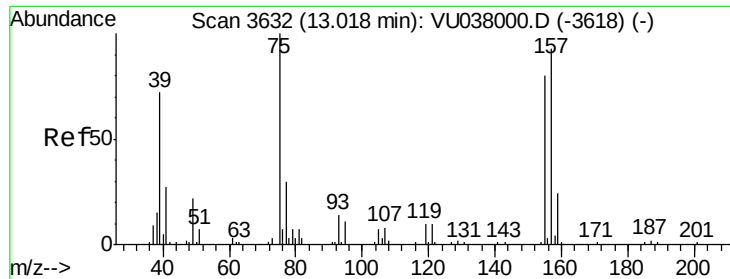
Tot Ion: 91 Resp: 1291818
Ion Ratio Lower Upper
91 100
92 54.4 43.8 65.6
134 24.3 19.4 29.2



#85
1,2-Dichlorobenzene
Concen: 10.110 ug/l
RT: 12.23 min Scan# 3386
Delta R.T. 0.00 min
Lab File: VU038002.D
Acq: 04 May 2020 14:34

Tgt Ion: 146 Resp: 556175
Ion Ratio Lower Upper
146 100
111 42.9 21.9 65.8
148 63.7 31.8 95.4





#86

1,2-Dibromo-3-Chloropropane

Concen: 9.883 ug/l

RT: 13.02 min Scan# 3632

Delta R.T. 0.00 min

Lab File: VU038002.D

Acq: 04 May 2020 14:34

Instrument :

MSVOA_U

ClientSampleId :

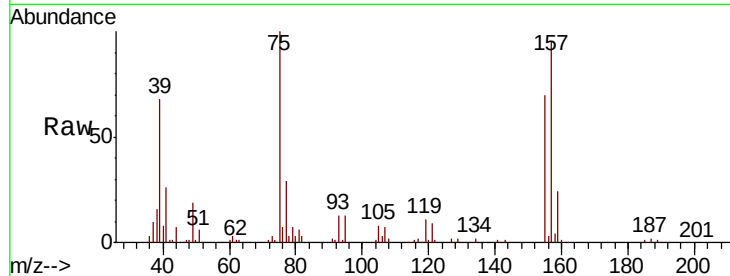
Tot Ion: 75 Resp: 38662

Ion Ratio Lower Upper

75 100

155 72.8 60.9 91.3

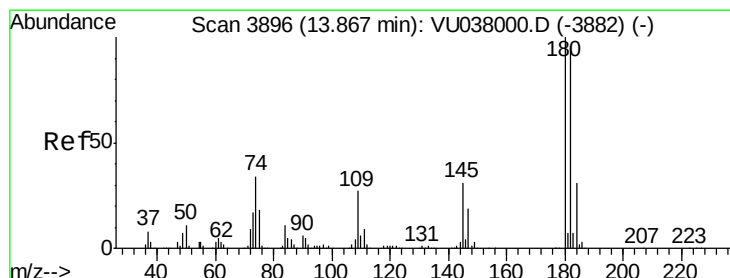
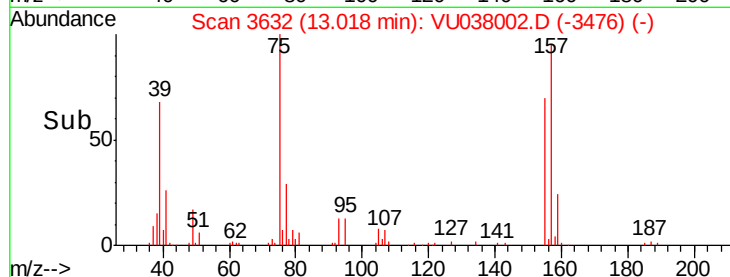
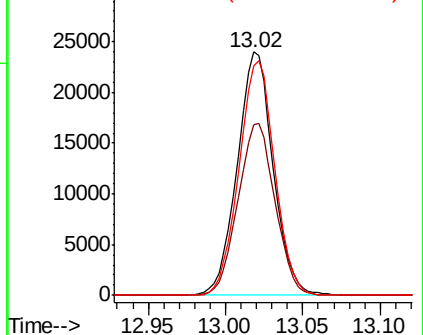
157 96.1 78.1 117.1



Abundance Ion 75.00 (74.70 to 75.70): VU038002.D (-3618) (-)

Ion 155.00 (154.70 to 155.70): VU038002.D (-3618) (-)

Ion 157.00 (156.70 to 157.70): VU038002.D (-3618) (-)



#87

1,2,4-Trichlorobenzene

Concen: 10.618 ug/l

RT: 13.87 min Scan# 3897

Delta R.T. 0.00 min

Lab File: VU038002.D

Acq: 04 May 2020 14:34

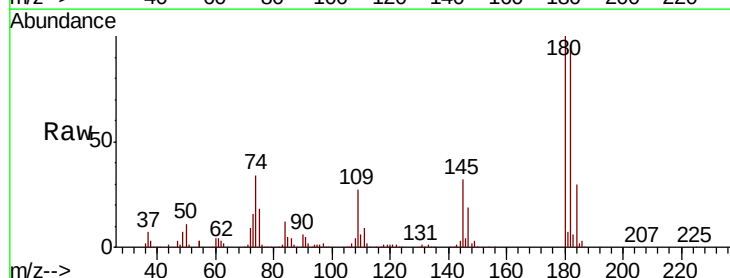
Tgt Ion: 180 Resp: 427068

Ion Ratio Lower Upper

180 100

182 95.4 76.9 115.3

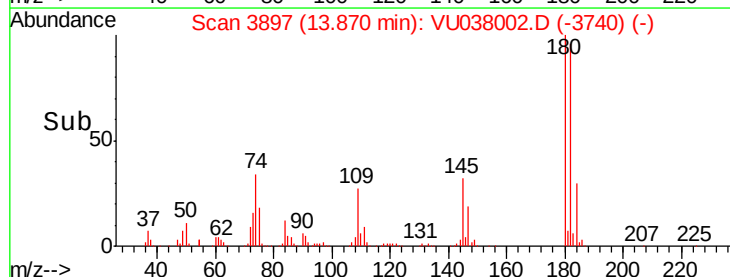
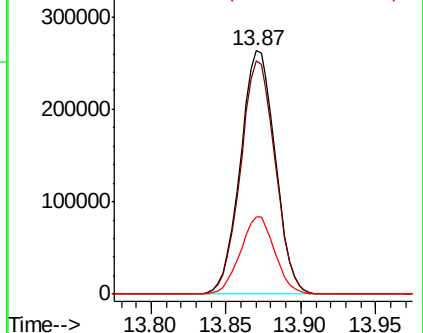
145 31.3 24.7 37.1

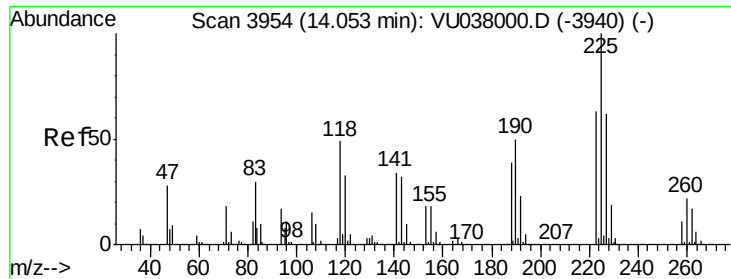


Abundance Ion 179.70 (179.40 to 180.40): VU038002.D (-3740) (-)

Ion 181.80 (181.50 to 182.50): VU038002.D (-3740) (-)

Ion 144.80 (144.50 to 145.50): VU038002.D (-3740) (-)





#88

Hexachlorobutadiene

Concen: 10.950 ug/l

RT: 14.06 min Scan# 3955

Delta R.T. 0.00 min

Lab File: VU038002.D

Acq: 04 May 2020 14:34

Instrument :

MSVOA_U

ClientSampleId :

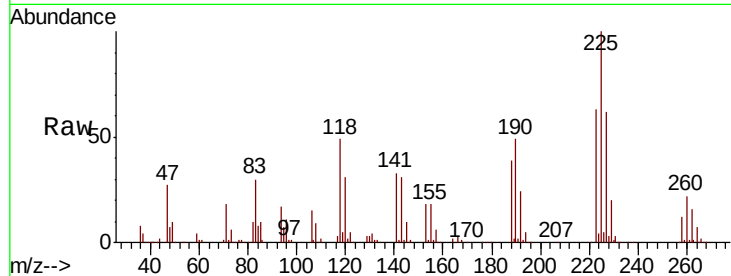
Tot Ion:225 Resp: 196904

Ion Ratio Lower Upper

225 100

223 64.0 51.3 76.9

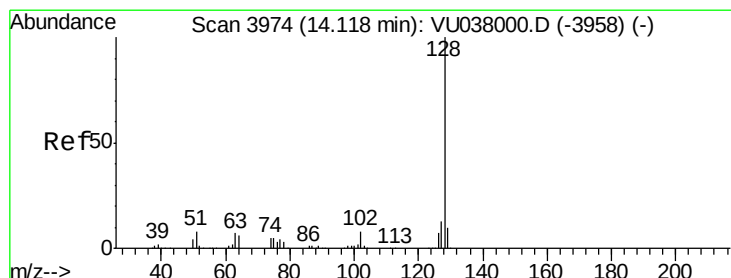
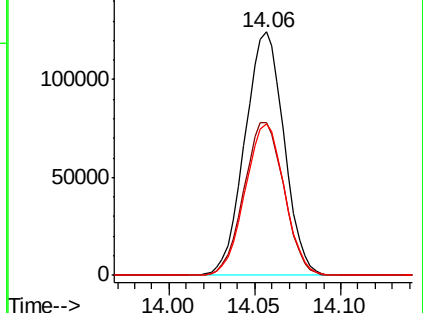
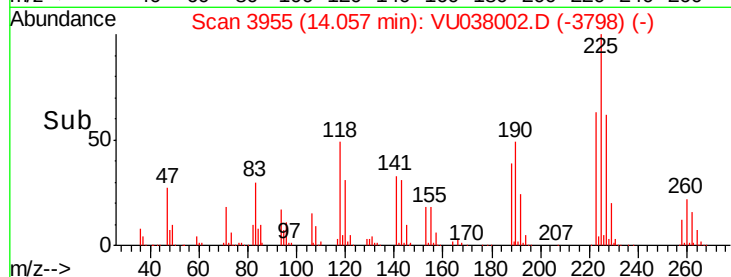
227 62.4 49.2 73.8



Abundance Ion 224.60 (224.30 to 225.30): V

Ion 222.60 (222.30 to 223.30): V

Ion 226.60 (226.30 to 227.30): V



#89

Naphthalene

Concen: 10.687 ug/l

RT: 14.12 min Scan# 3974

Delta R.T. 0.00 min

Lab File: VU038002.D

Acq: 04 May 2020 14:34

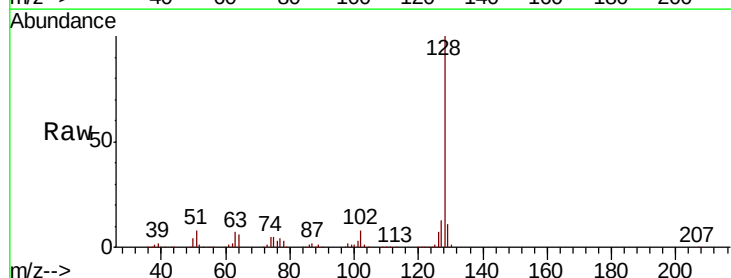
Tgt Ion:128 Resp: 826554

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

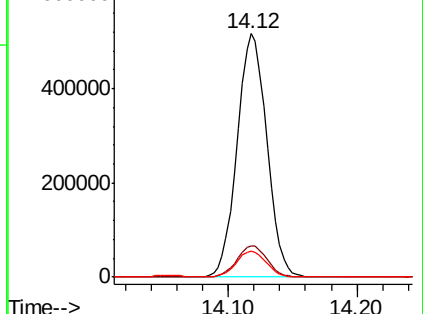
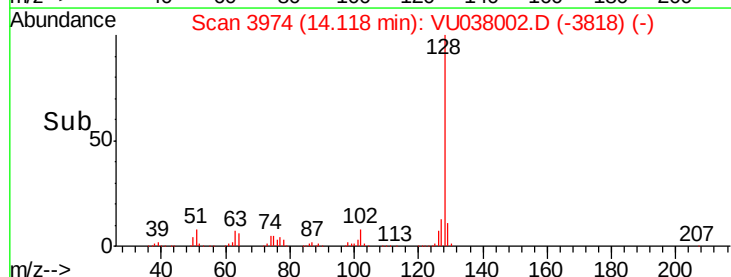
129 10.8 8.6 12.8

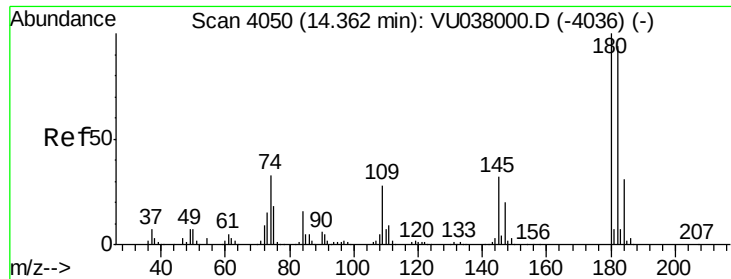


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#90
 1,2,3-Trichlorobenzene
 Concen: 10.781 ug/l
 RT: 14.37 min Scan# 4051
 Delta R.T. 0.00 min
 Lab File: VU038002.D
 Acq: 04 May 2020 14:34

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.7	75.9	113.9
145	32.5	26.0	39.0

