

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U050420\
 Data File : VU038000.D
 Acq On : 04 May 2020 12:39
 Operator : JC/MD
 Sample : VSTDICCC010
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 05 01:41:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U050420DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue May 05 01:36:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	6.14	96	89896	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.65	95	35078	1.01	ug/l	0.00
Spiked Amount 1.000			Recovery	=	101.00%	
68) 1,2-Dichlorobenzene-d4	12.20	152	33024	0.94	ug/l	0.00
Spiked Amount 1.000			Recovery	=	94.00%	

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	300947	7.208	ug/l 100
3) Chloromethane	1.54	50	341761	8.117	ug/l 100
4) Vinyl Chloride	1.62	62	353107	9.331	ug/l 100
5) Bromomethane	1.87	94	175669	12.313	ug/l 100
6) Chloroethane	1.95	64	211146	11.141	ug/l 100
7) Trichlorofluoromethane	2.16	101	369141	8.153	ug/l 100
8) 1,1,2-Trichloro-1,2,2-trif	2.60	101	228711	10.341	ug/l 100
9) 1,1-Dichloroethene	2.60	96	225058	10.622	ug/l 100
10) Iodomethane	2.75	142	205219	19.400	ug/l 100
11) Allyl Chloride	2.95	41	426882	10.404	ug/l 100
12) Acrylonitrile	3.35	53	125751	24.282	ug/l 100
13) Acetone	2.66	43	246699	44.809	ug/l 100
14) Carbon Disulfide	2.82	76	824621	11.488	ug/l 100
15) Methylene Chloride	3.07	84	267230	9.952	ug/l 100
16) trans-1,2-Dichloroethene	3.38	96	249171	10.991	ug/l 100
17) 1,1-Dichloroethane	3.91	63	470230	9.242	ug/l 100
18) 2-Butanone	4.76	43	369973	44.555	ug/l 100
19) Cyclohexane	5.42	56	415698	9.474	ug/l 91
20) Methylcyclohexane	6.79	83	464724	10.682	ug/l 100
21) 2,2-Dichloropropane	4.70	77	396522	8.634	ug/l 100
22) cis-1,2-Dichloroethene	4.71	96	265725	9.734	ug/l 100
23) Diethyl Ether	2.40	59	200136	11.016	ug/l 100
24) tert-Butyl Alcohol	3.23	59	205919	105.778	ug/l 100
25) Methyl tert-Butyl Ether	3.41	73	621409	10.087	ug/l 100
26) Bromochloromethane	5.01	128	105824	8.927	ug/l 100
27) Chloroform	5.13	83	438379	8.134	ug/l 100
28) 1,1,1-Trichloroethane	5.35	97	370287	8.113	ug/l 100
29) 1,1-Dichloropropene	5.56	75	370973	9.729	ug/l 100
30) Carbon Tetrachloride	5.56	117	312298	7.900	ug/l 100
31) Isopropyl Ether	4.04	45	787650	9.675	ug/l 100
32) Ethyl-t-butyl ether	4.55	59	714915	9.373	ug/l 100
33) Tert-Amyl methyl ether	5.98	73	612639	9.378	ug/l 100
34) Propionitrile	4.82	54	105524	48.229	ug/l 100
35) Benzene	5.81	78	1027499	9.505	ug/l 100
36) 1,2-Dichloroethane	5.83	62	302405	7.918	ug/l 100
37) Trichloroethene	6.57	130	263527	9.275	ug/l 100
38) 1,2-Dichloropropane	6.82	63	274335	9.288	ug/l 100
39) Methacrylonitrile	5.02	41	95840	9.170	ug/l 100
40) Methyl acrylate	4.89	55	146988	9.949	ug/l 100
41) Tetrahydrofuran	5.10	42	93470	17.943	ug/l 100
42) 1-Chlorobutane	5.49	56	534498	9.760	ug/l 100

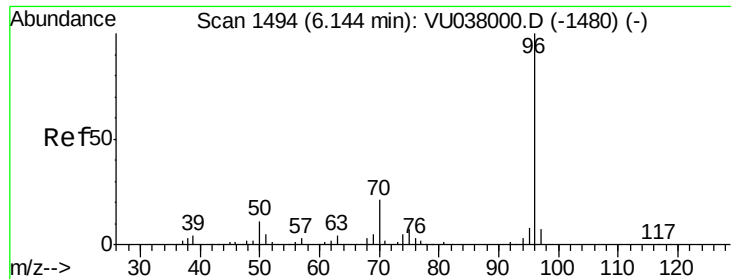
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U050420\
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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U050420DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue May 05 01:36:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.95	93	126378	8.470	ug/l	100
44) Bromodichloromethane	7.13	83	327771	8.476	ug/l	100
45) 4-Methyl-2-Pentanone	7.82	43	883686	44.040	ug/l	100
46) t-1,4-Dichloro-2-butene	10.84	75	305274	55.733	ug/l #	40
47) Methyl methacrylate	6.99	69	267177	21.187	ug/l	100
48) Ethyl methacrylate	8.36	69	254188	10.225	ug/l	100
49) Toluene	7.99	92	659687	10.119	ug/l	100
50) t-1,3-Dichloropropene	8.23	75	341487	9.622	ug/l	100
51) cis-1,3-Dichloropropene	7.63	75	409003	9.988	ug/l	100
52) 1,1,2-Trichloroethane	8.42	97	180766	9.011	ug/l	100
53) 1,3-Dichloropropane	8.60	76	344388	9.575	ug/l	100
54) 2-Hexanone	8.71	43	622019	45.107	ug/l	100
55) Dibromochloromethane	8.83	129	207598	8.494	ug/l	100
56) 1,2-Dibromoethane	8.95	107	172103	9.150	ug/l	100
58) Tetrachloroethene	8.57	164	256322	9.608	ug/l	100
59) Chlorobenzene	9.47	112	698198	9.603	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.56	131	215763	8.353	ug/l	100
61) Pentachloroethane	11.44	117	164131	8.322	ug/l	100
62) Hexachloroethane	12.49	117	167287	7.987	ug/l	100
63) Ethyl Benzene	9.59	91	1265479	10.201	ug/l	100
64) m/p-Xylenes	9.71	106	980571	20.878	ug/l	100
65) o-Xylene	10.12	106	470999	10.366	ug/l	100
66) Styrene	10.13	104	796639	10.731	ug/l	100
67) Bromoform	10.31	173	111384	8.685	ug/l	100
69) Isopropylbenzene	10.50	105	1247957	10.113	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.80	83	236460	8.988	ug/l	100
71) 1,2,3-Trichloropropane	10.84	75	305274	14.716	ug/l	68
72) Bromobenzene	10.80	156	276689	9.266	ug/l	100
73) n-propylbenzene	10.92	120	347844	10.610	ug/l	100
74) 2-Chlorotoluene	11.00	126	282184	9.619	ug/l	100
75) 1,3,5-Trimethylbenzene	11.10	105	1037709	9.817	ug/l	100
76) 4-Chlorotoluene	11.11	126	296558	9.992	ug/l	100
77) tert-Butylbenzene	11.44	119	981263	9.514	ug/l	100
78) 1,2,4-Trimethylbenzene	11.48	105	1066672	10.016	ug/l	100
79) sec-Butylbenzene	11.66	105	1410374	9.977	ug/l	100
80) Nitrobenzene	13.23	77	34046	56.773	ug/l	100
81) p-Isopropyltoluene	11.81	119	1153861	10.375	ug/l	100
82) 1,3-Dichlorobenzene	11.76	146	562232	9.533	ug/l	100
83) 1,4-Dichlorobenzene	11.85	146	562541	9.420	ug/l	100
84) n-Butylbenzene	12.22	91	1164121	10.940	ug/l	100
85) 1,2-Dichlorobenzene	12.22	146	520004	9.135	ug/l	100
86) 1,2-Dibromo-3-Chloropropan	13.02	75	35909	7.987	ug/l	100
87) 1,2,4-Trichlorobenzene	13.87	180	379081	12.657	ug/l	100
88) Hexachlorobutadiene	14.05	225	174446	9.754	ug/l	100
89) Naphthalene	14.12	128	747902	14.403	ug/l	100
90) 1,2,3-Trichlorobenzene	14.36	180	343203	11.897	ug/l	100

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



#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 6.14 min Scan# 1494

Delta R.T. 0.00 min

Lab File: VU038000.D

Acq: 04 May 2020 12:39

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 96 Resp: 89896

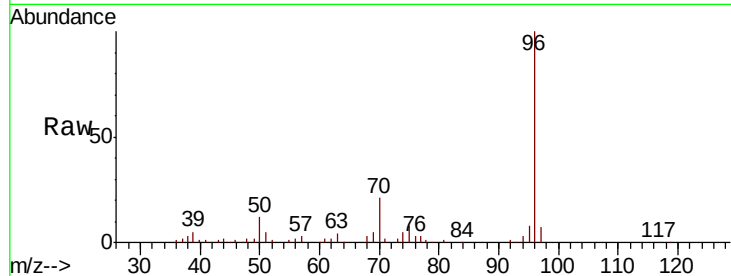
Ion Ratio Lower Upper

96 100

70 18.0 14.4 21.6

95 8.9 7.1 10.7

97 0.0 0.0 0.0

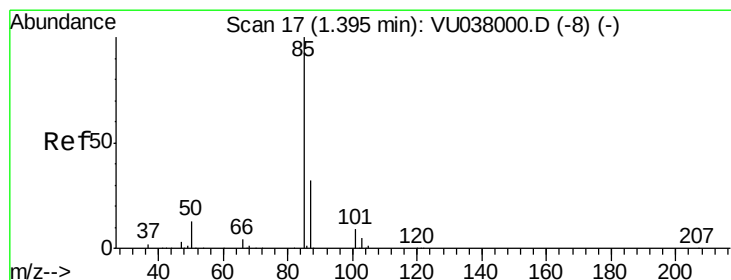
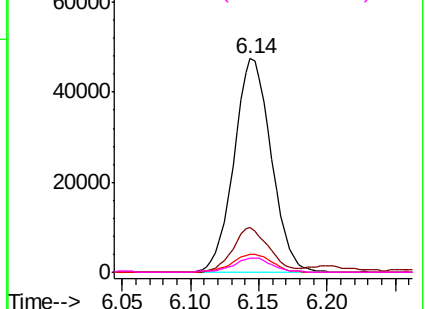
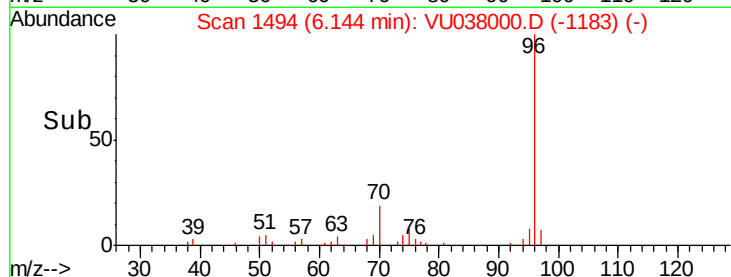


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0



#2

Dichlorodifluoromethane

Concen: 7.208 ug/l

RT: 1.39 min Scan# 17

Delta R.T. 0.00 min

Lab File: VU038000.D

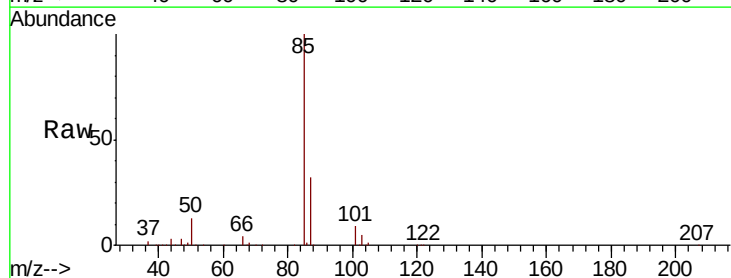
Acq: 04 May 2020 12:39

Tgt Ion: 85 Resp: 300947

Ion Ratio Lower Upper

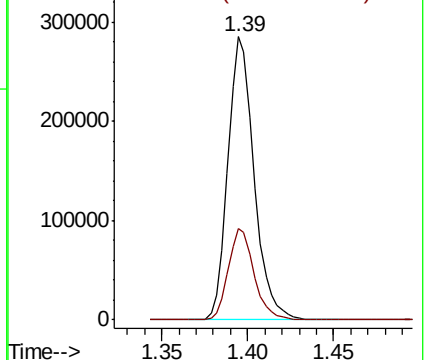
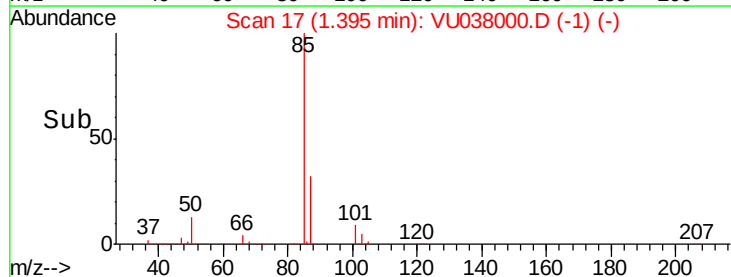
85 100

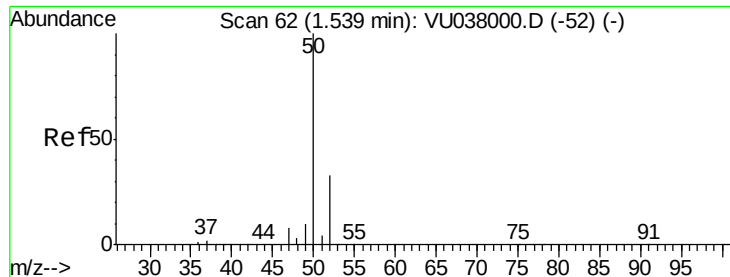
87 32.3 16.2 48.5



Abundance Ion 85.00 (84.70 to 85.70): VU0

Ion 87.00 (86.70 to 87.70): VU0





#3

Chloromethane

Concen: 8.117 ug/l

RT: 1.54 min Scan# 62

Delta R.T. 0.00 min

Lab File: VU038000.D

Acq: 04 May 2020 12:39

Instrument :

MSVOA_U

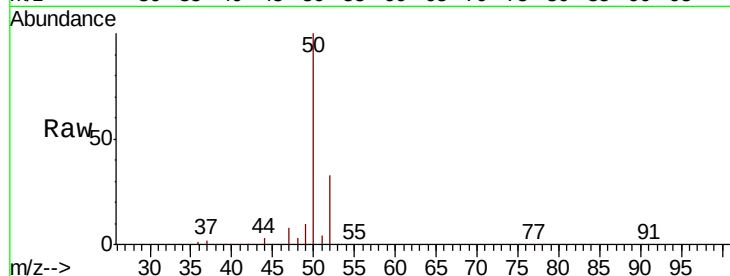
ClientSampleId :

Tot Ion: 50 Resp: 341761

Ion Ratio Lower Upper

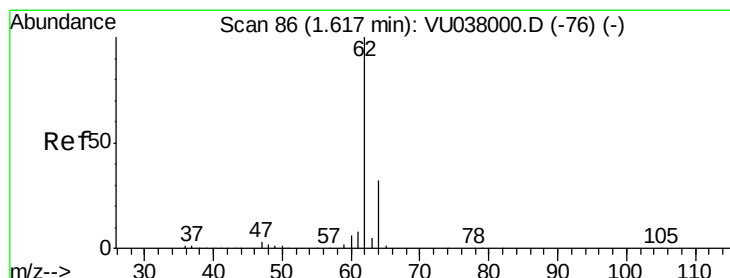
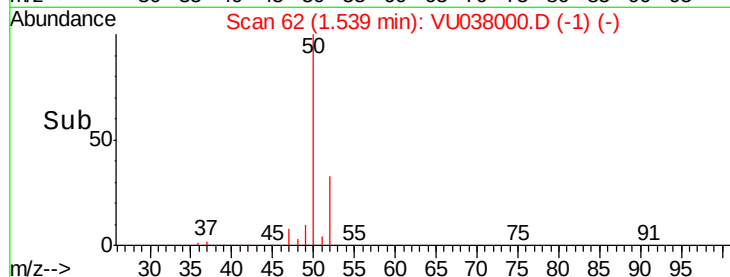
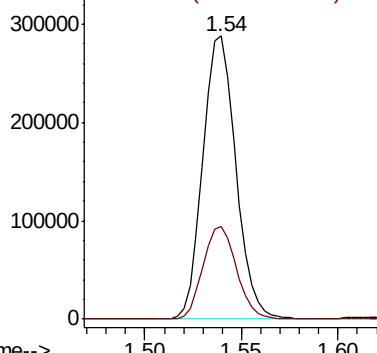
50 100

52 32.6 26.1 39.1



Abundance Ion 50.00 (49.70 to 50.70): VU0

Ion 52.00 (51.70 to 52.70): VU0



#4

Vinyl Chloride

Concen: 9.331 ug/l

RT: 1.62 min Scan# 86

Delta R.T. 0.00 min

Lab File: VU038000.D

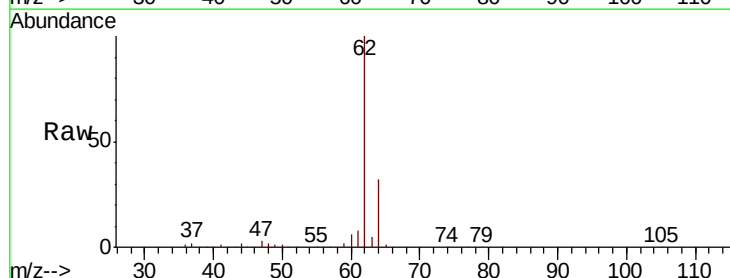
Acq: 04 May 2020 12:39

Tgt Ion: 62 Resp: 353107

Ion Ratio Lower Upper

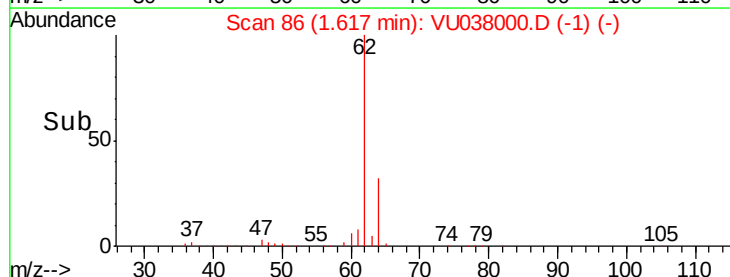
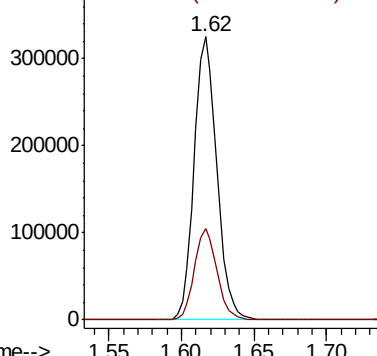
62 100

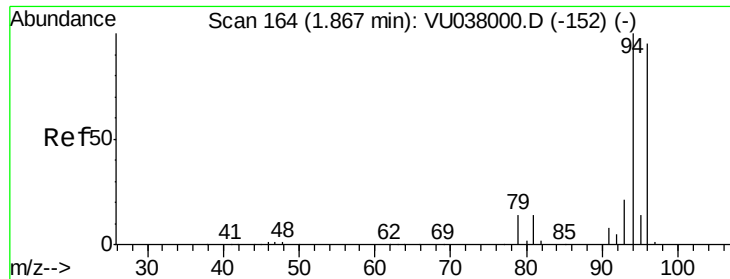
64 32.1 25.7 38.5



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.00 (63.70 to 64.70): VU0





#5

Bromomethane

Concen: 12.313 ug/l

RT: 1.87 min Scan# 164

Delta R.T. 0.00 min

Lab File: VU038000.D

Acq: 04 May 2020 12:39

Instrument :

MSVOA_U

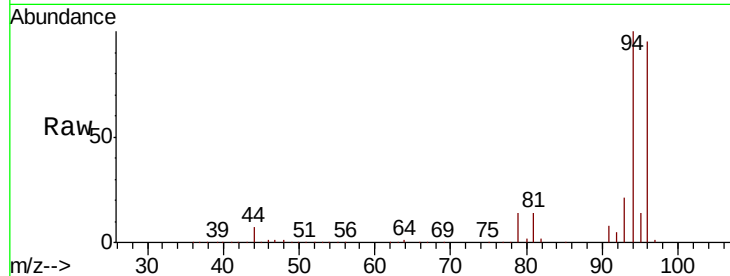
ClientSampled :

Tot Ion: 94 Resp: 175669

Ion Ratio Lower Upper

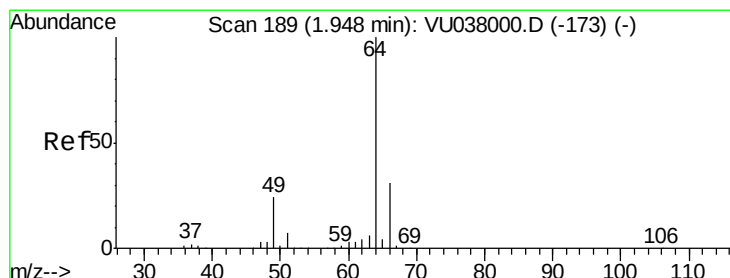
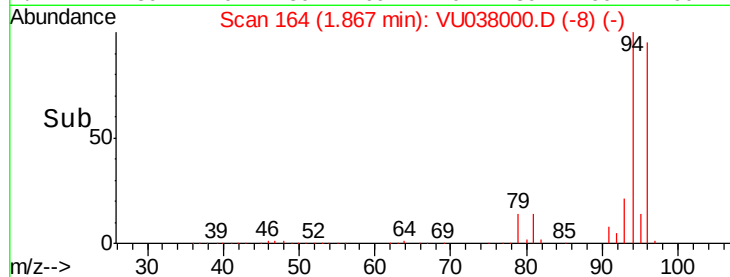
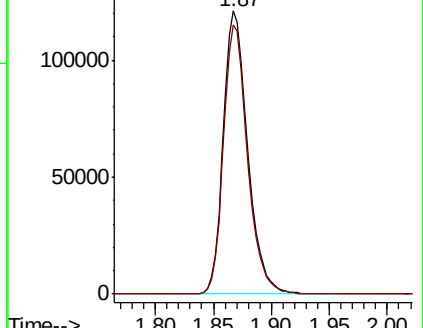
94 100

96 95.1 76.1 114.1



Abundance Ion 94.00 (93.70 to 94.70): VU038000.D (-152) (-)

Ion 96.00 (95.70 to 96.70): VU038000.D (-152) (-)



#6

Chloroethane

Concen: 11.141 ug/l

RT: 1.95 min Scan# 189

Delta R.T. 0.00 min

Lab File: VU038000.D

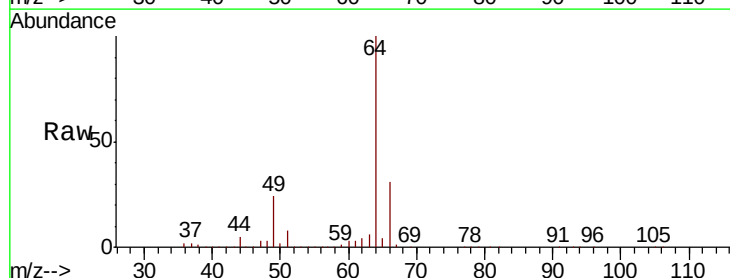
Acq: 04 May 2020 12:39

Tgt Ion: 64 Resp: 211146

Ion Ratio Lower Upper

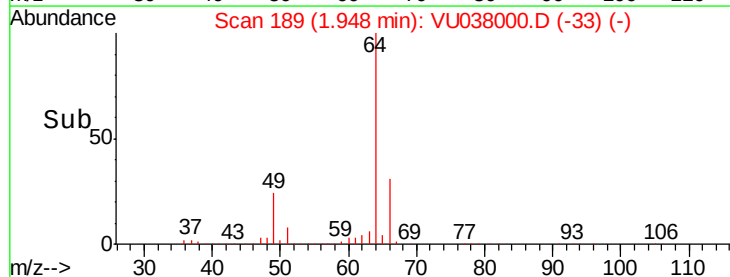
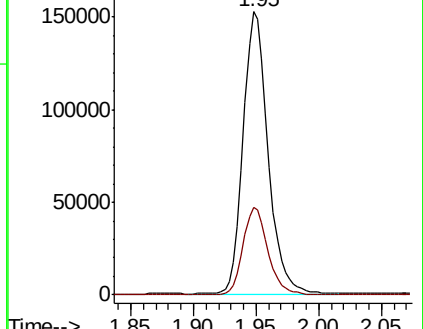
64 100

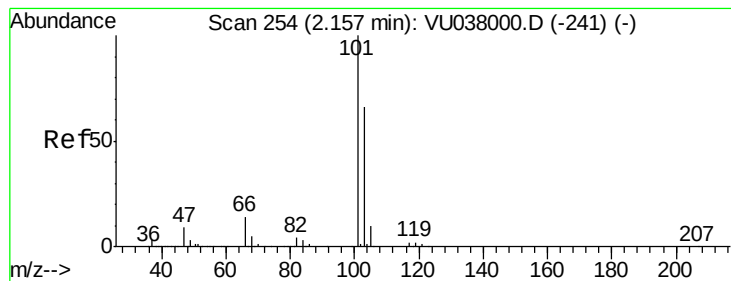
66 31.0 24.8 37.2



Abundance Ion 64.00 (63.70 to 64.70): VU038000.D (-173) (-)

Ion 66.00 (65.70 to 66.70): VU038000.D (-173) (-)



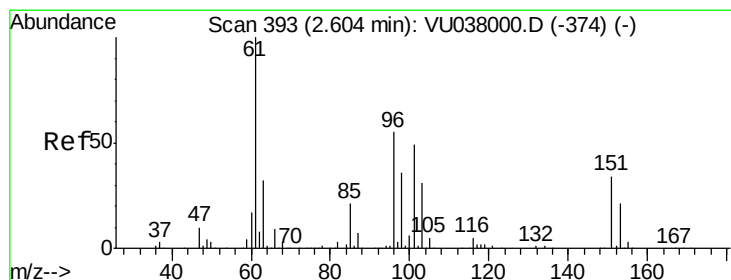
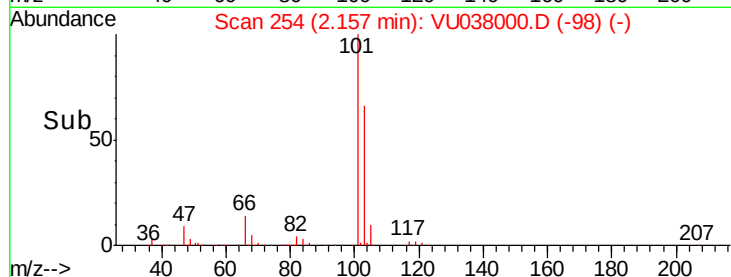
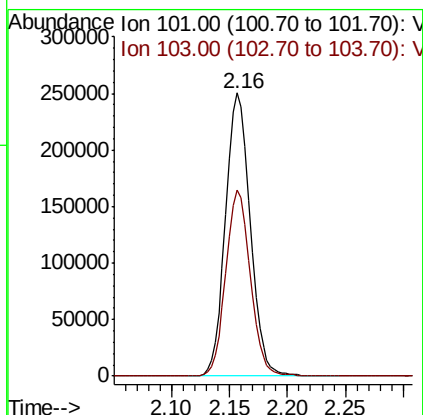
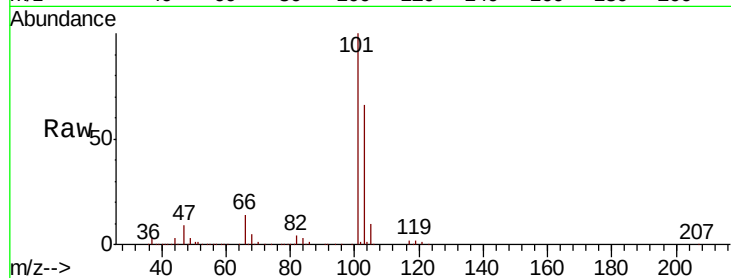


#7

Trichlorofluoromethane
 Concen: 8.153 ug/l
 RT: 2.16 min Scan# 254
 Delta R.T. 0.00 min
 Lab File: VU038000.D
 Acq: 04 May 2020 12:39

Instrument :
 MSVOA_U
 ClientSampled :

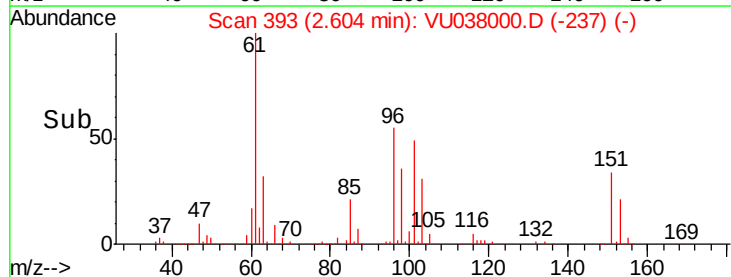
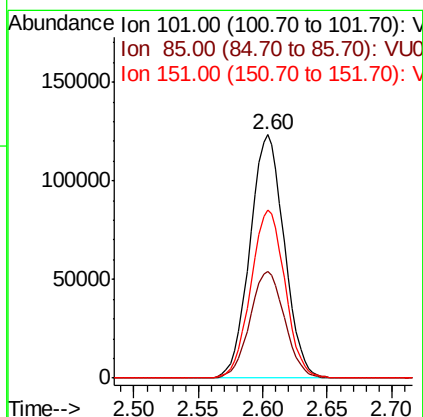
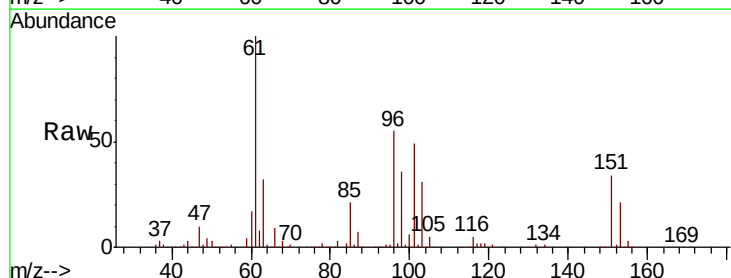
Tot Ion:101 Resp: 369141
 Ion Ratio Lower Upper
 101 100
 103 65.7 52.6 78.8

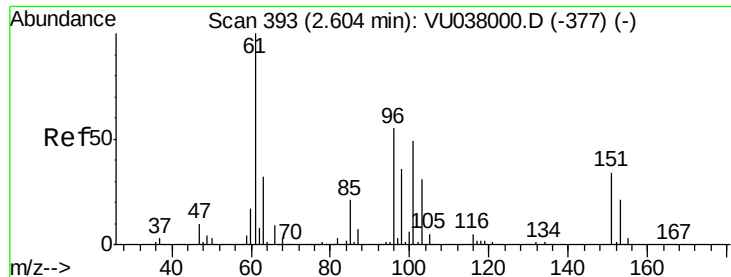


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 10.341 ug/l
 RT: 2.60 min Scan# 393
 Delta R.T. 0.00 min
 Lab File: VU038000.D
 Acq: 04 May 2020 12:39

Tgt Ion:101 Resp: 228711
 Ion Ratio Lower Upper
 101 100
 85 44.4 35.5 53.3
 151 69.0 55.2 82.8





#9

1,1-Dichloroethene

Concen: 10.622 ug/l

RT: 2.60 min Scan# 393

Delta R.T. 0.00 min

Lab File: VU038000.D

Acq: 04 May 2020 12:39

Instrument :
MSVOA_U
ClientSampled :

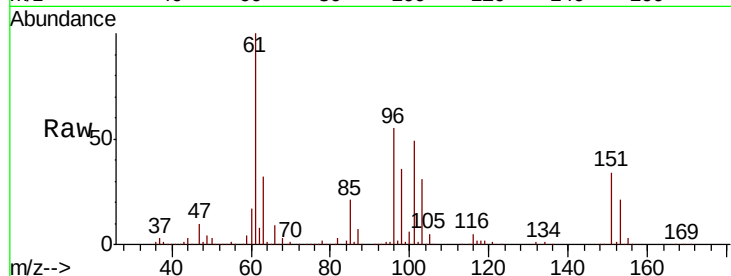
Tot Ion: 96 Resp: 225058

Ion Ratio Lower Upper

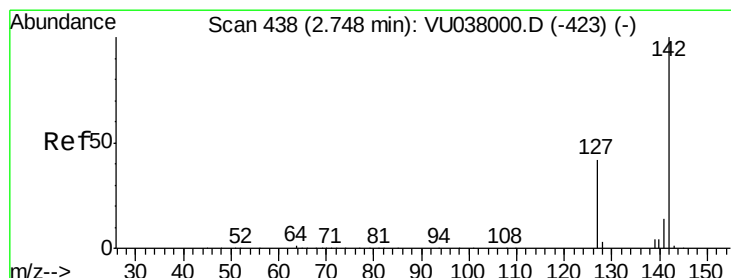
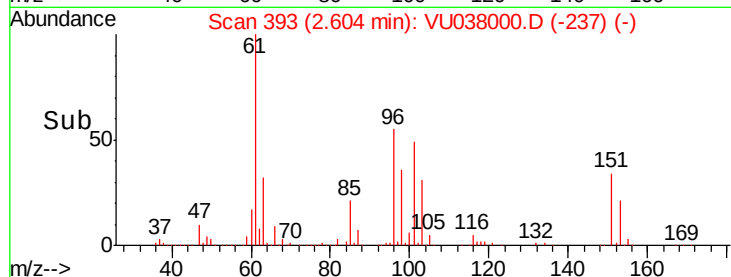
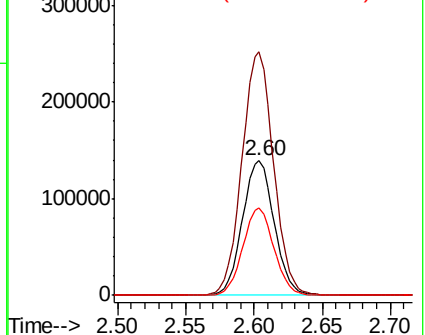
96 100

61 181.0 0.0 543.0

98 64.7 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: 19.400 ug/l

RT: 2.75 min Scan# 438

Delta R.T. 0.00 min

Lab File: VU038000.D

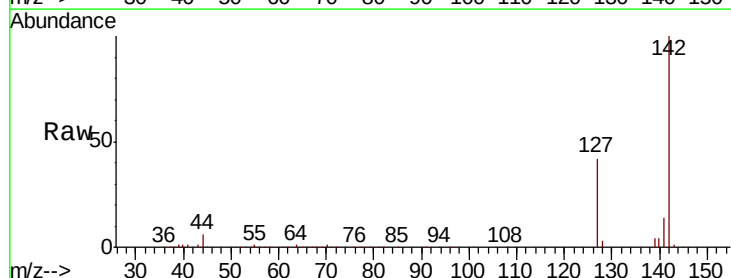
Acq: 04 May 2020 12:39

Tgt Ion:142 Resp: 205219

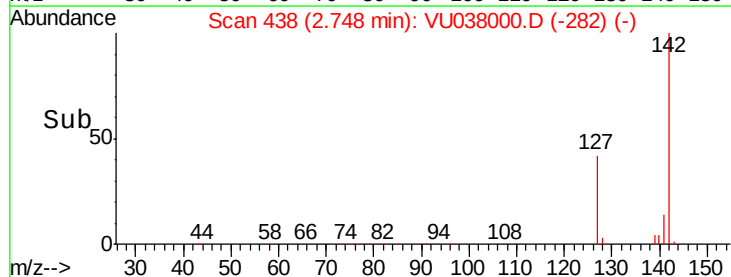
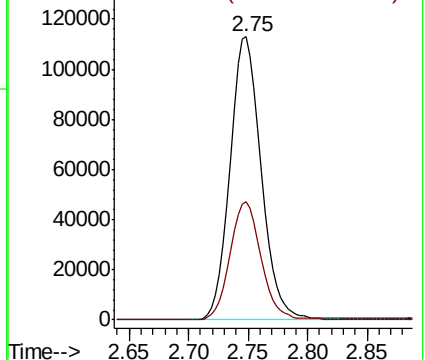
Ion Ratio Lower Upper

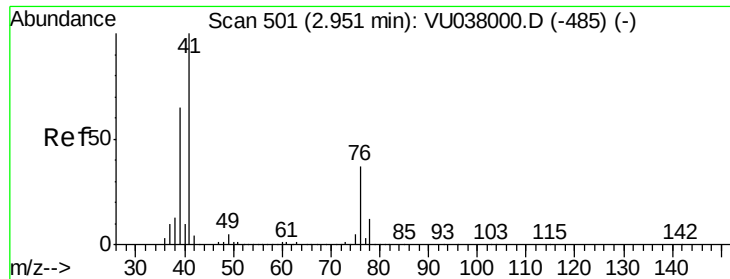
142 100

127 41.9 33.5 50.3



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

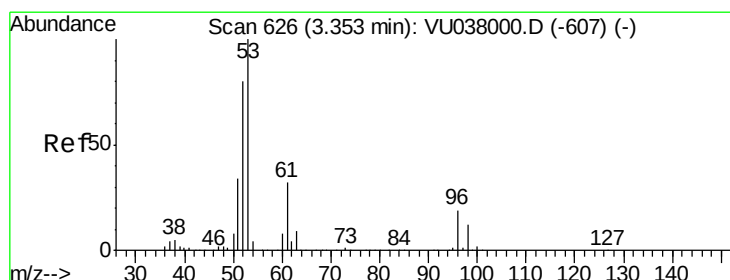
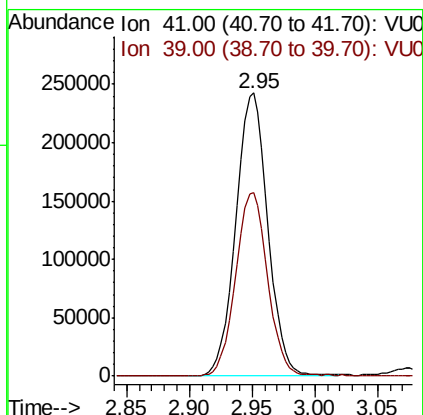
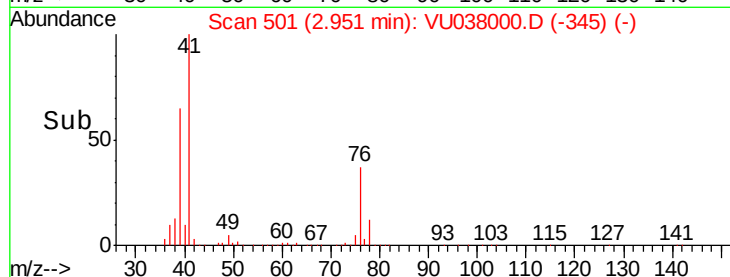
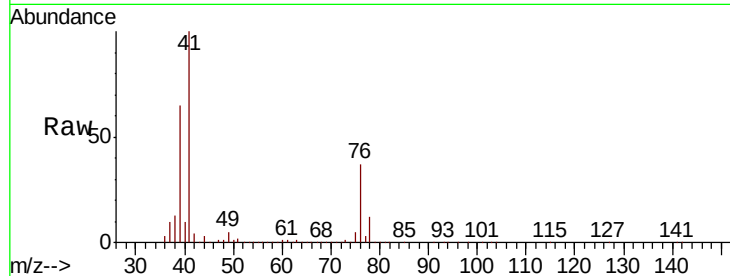




#11
Allvl Chloride
Concen: 10.404 ug/l
RT: 2.95 min Scan# 501
Delta R.T. 0.00 min
Lab File: VU038000.D
Acq: 04 May 2020 12:39

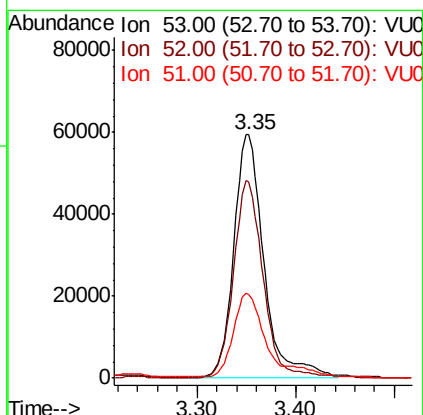
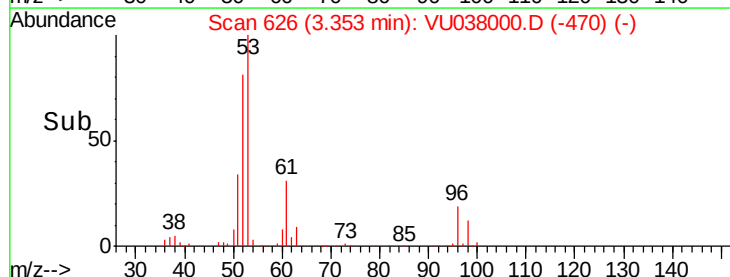
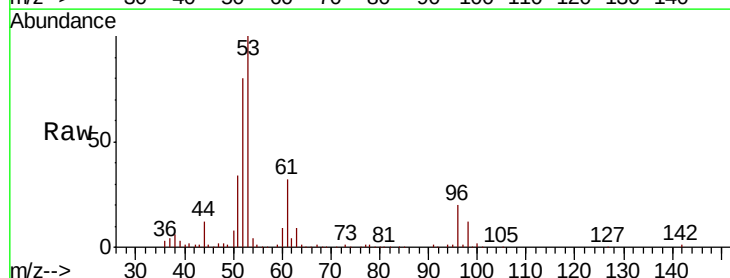
Instrument :
MSVOA_U
ClientSampled :

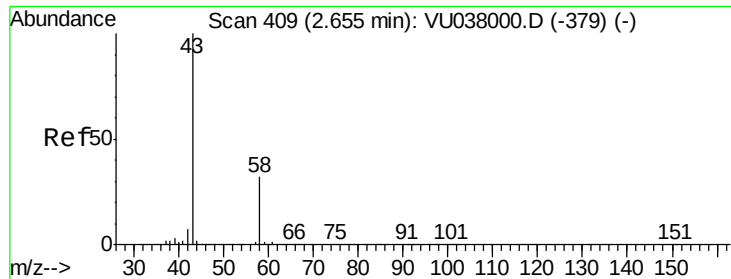
Tot Ion: 41 Resp: 426882
Ion Ratio Lower Upper
41 100
39 64.6 51.7 77.5



#12
Acrylonitrile
Concen: 24.282 ug/l
RT: 3.35 min Scan# 626
Delta R.T. 0.00 min
Lab File: VU038000.D
Acq: 04 May 2020 12:39

Tgt Ion: 53 Resp: 125751
Ion Ratio Lower Upper
53 100
52 79.1 63.3 94.9
51 37.7 30.2 45.2

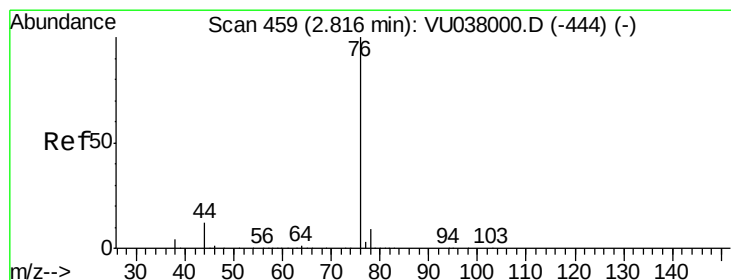
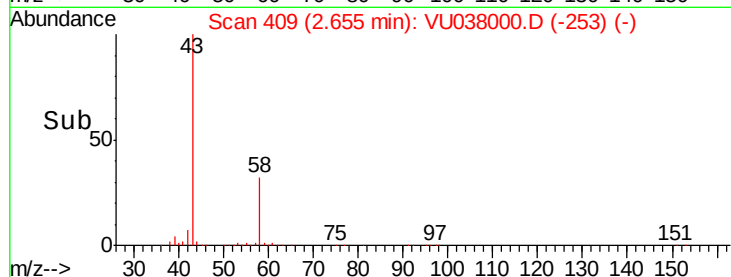
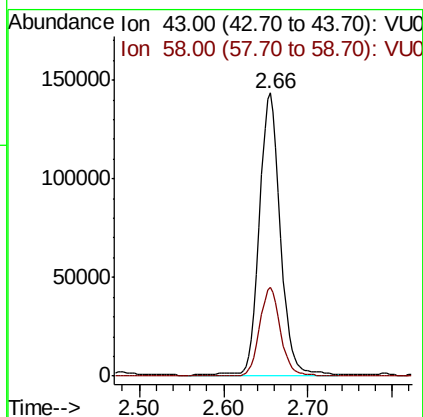
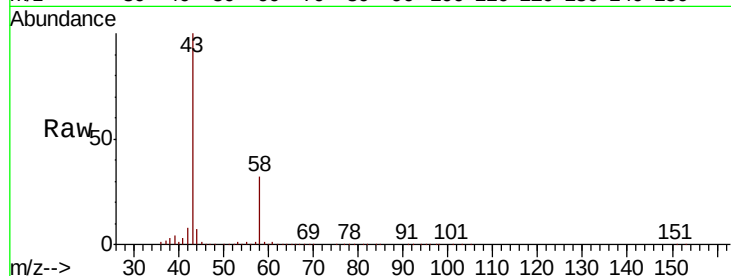




#13
Acetone
Concen: 44.809 ug/l
RT: 2.66 min Scan# 409
Delta R.T. 0.00 min
Lab File: VU038000.D
Acq: 04 May 2020 12:39

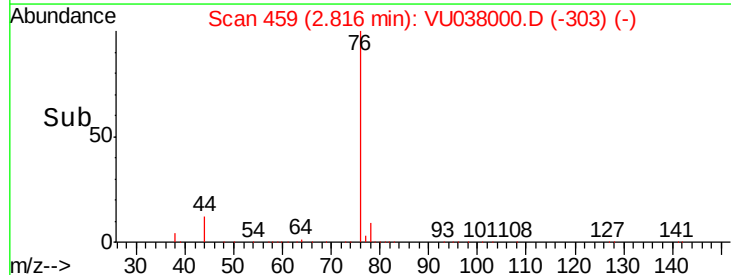
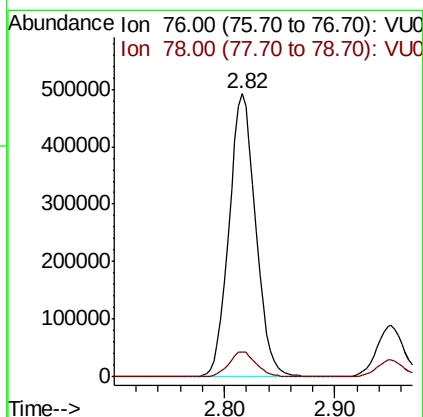
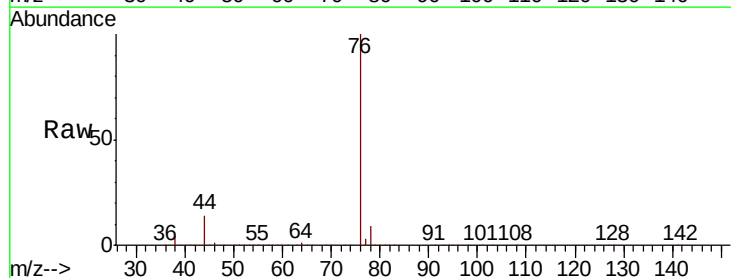
Instrument :
MSVOA_U
ClientSampleId :

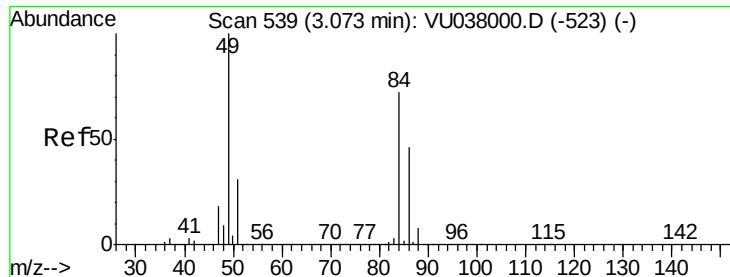
Tot Ion: 43 Resp: 246699
Ion Ratio Lower Upper
43 100
58 31.5 25.2 37.8



#14
Carbon Disulfide
Concen: 11.488 ug/l
RT: 2.82 min Scan# 459
Delta R.T. 0.00 min
Lab File: VU038000.D
Acq: 04 May 2020 12:39

Tgt Ion: 76 Resp: 824621
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.6

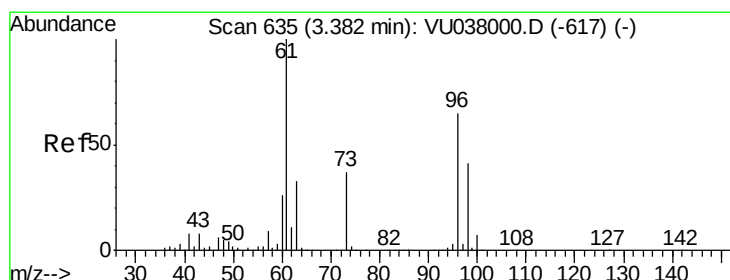
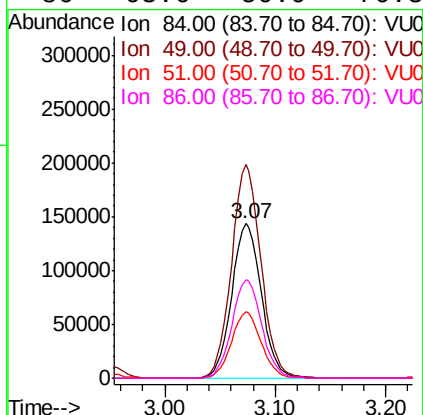
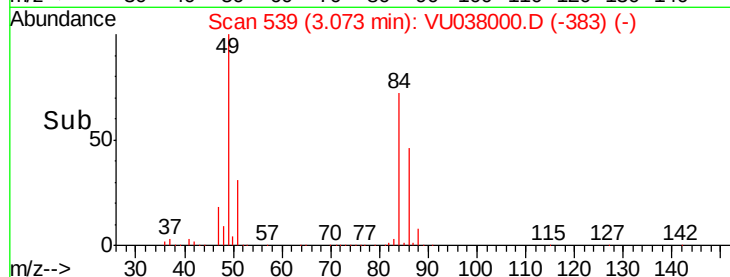
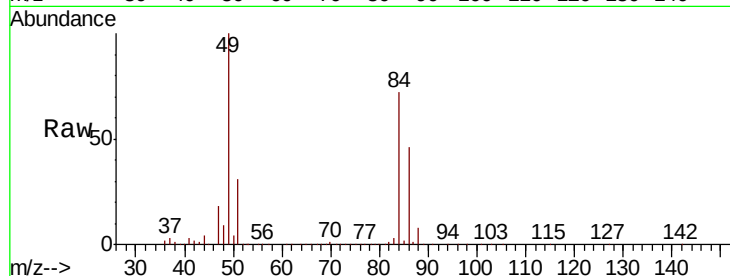




#15
Methylene Chloride
Concen: 9.952 ug/l
RT: 3.07 min Scan# 539
Delta R.T. 0.00 min
Lab File: VU038000.D
Acq: 04 May 2020 12:39

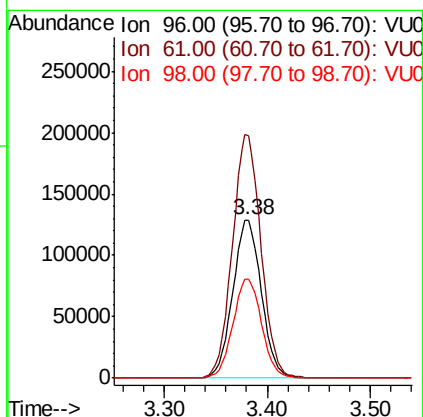
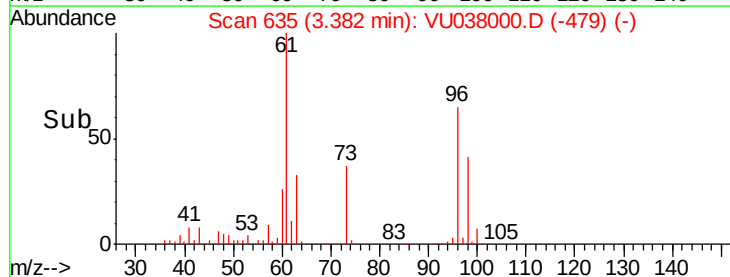
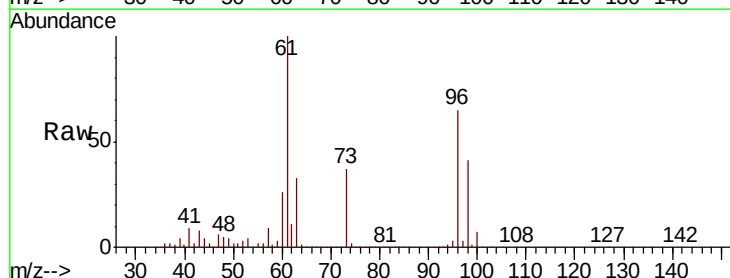
Instrument :
MSVOA_U
ClientSampleId :

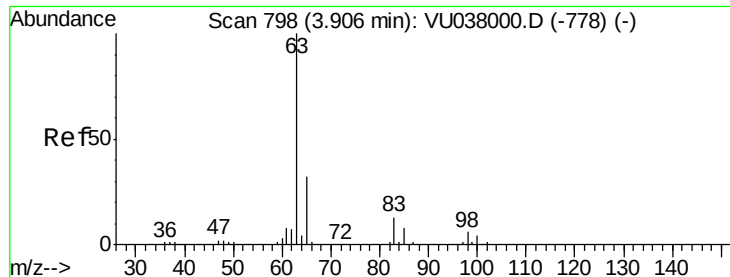
Tot Ion:	84	Resp:	267230
Ion	Ratio	Lower	Upper
84	100		
49	138.3	110.6	166.0
51	42.7	0.0	85.4
86	63.6	50.9	76.3



#16
trans-1,2-Dichloroethene
Concen: 10.991 ug/l
RT: 3.38 min Scan# 635
Delta R.T. 0.00 min
Lab File: VU038000.D
Acq: 04 May 2020 12:39

Tgt Ion:	96	Resp:	249171
Ion	Ratio	Lower	Upper
96	100		
61	153.0	122.4	183.6
98	62.6	50.1	75.1

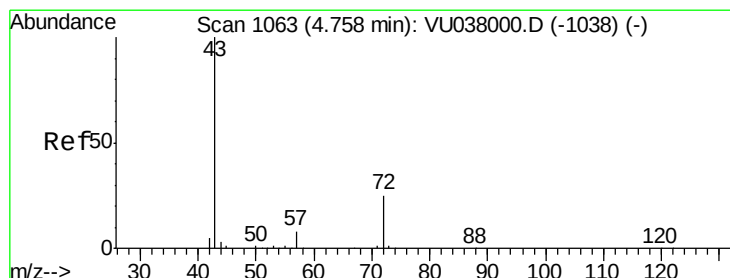
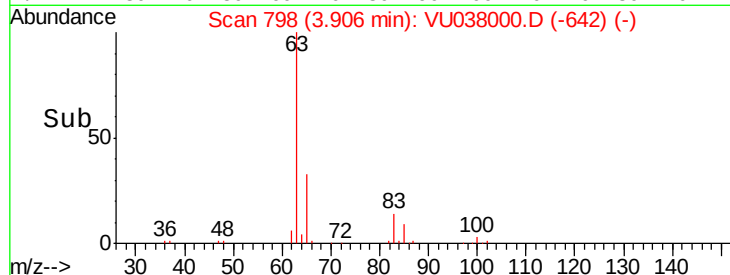
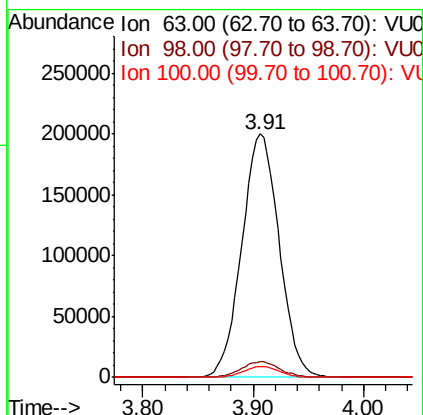
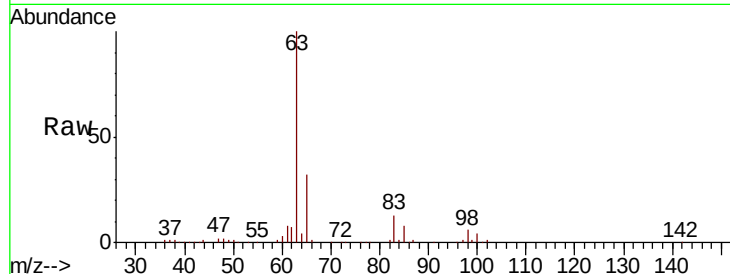




#17
 1,1-Dichloroethane
 Concen: 9.242 ug/l
 RT: 3.91 min Scan# 798
 Delta R.T. 0.00 min
 Lab File: VU038000.D
 Acq: 04 May 2020 12:39

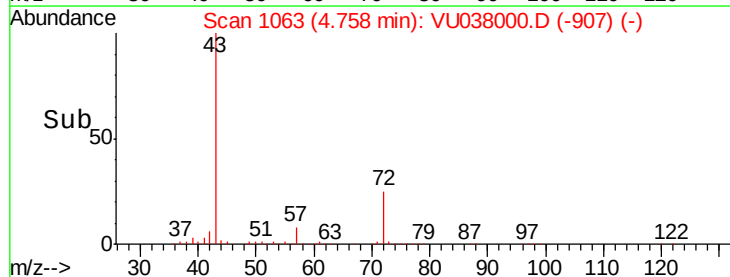
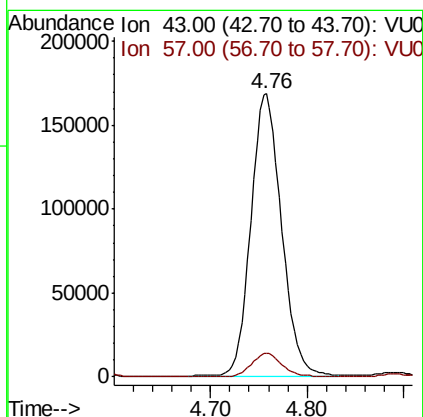
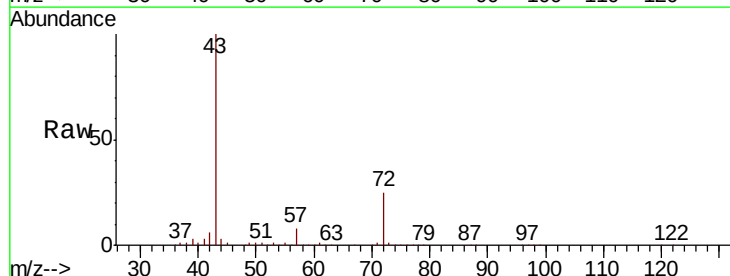
Instrument :
 MSVOA_U
 ClientSampled :

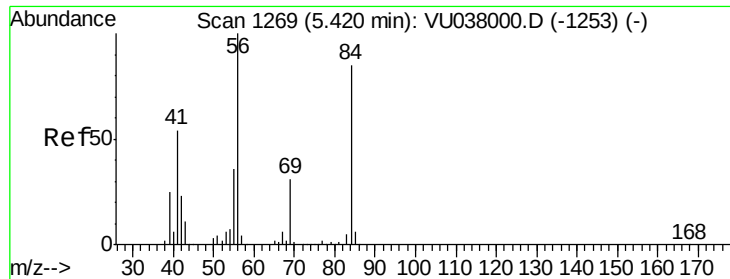
Tot Ion: 63 Resp: 470230
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.1 9.4
 100 4.4 2.2 6.6



#18
 2-Butanone
 Concen: 44.555 ug/l
 RT: 4.76 min Scan# 1063
 Delta R.T. 0.00 min
 Lab File: VU038000.D
 Acq: 04 May 2020 12:39

Tgt Ion: 43 Resp: 369973
 Ion Ratio Lower Upper
 43 100
 57 8.3 0.0 16.6

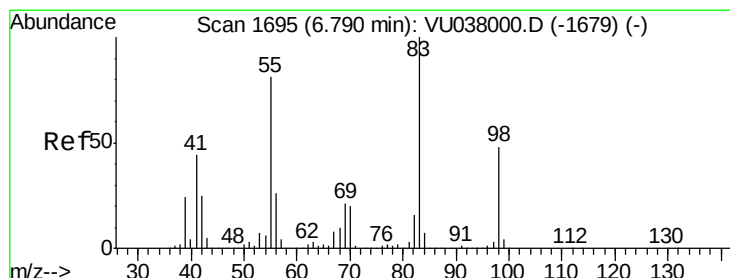
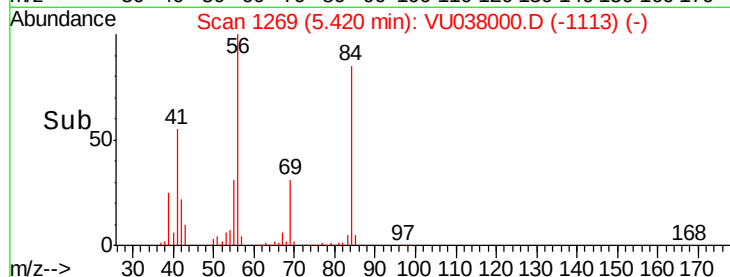
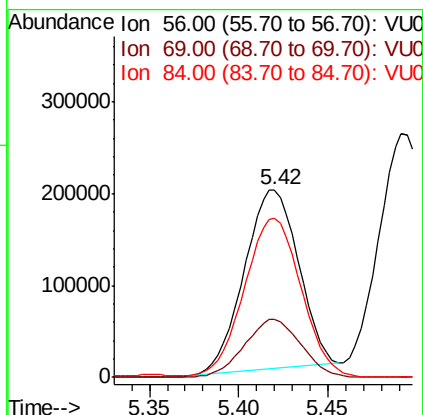
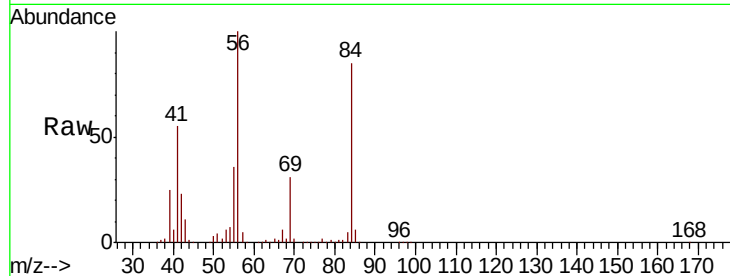




#19
Cyclohexane
Concen: 9.474 ug/l
RT: 5.42 min Scan# 1269
Delta R.T. 0.00 min
Lab File: VU038000.D
Acq: 04 May 2020 12:39

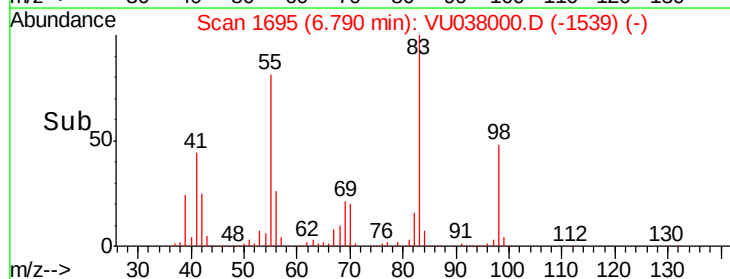
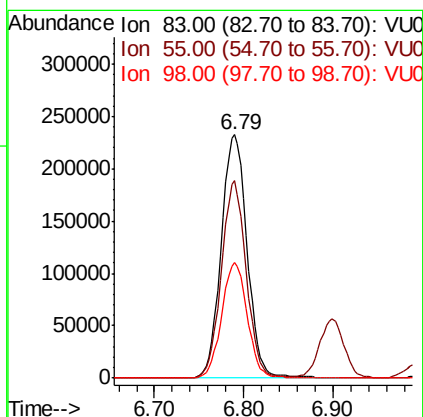
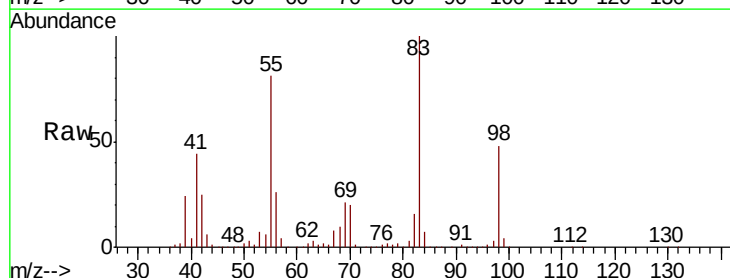
Instrument :
MSVOA_U
ClientSampleId :

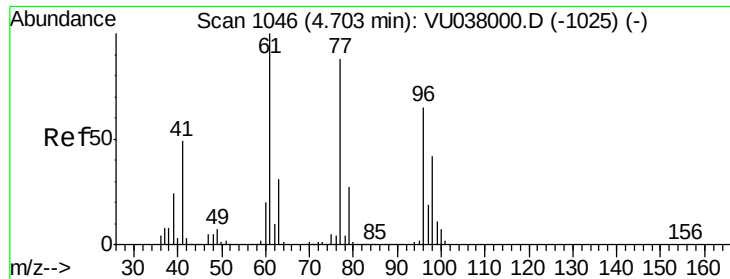
Tot Ion	56	Resp	415698
Ion	Ratio	Lower	Upper
56	100		
69	33.7	24.3	36.5
84	92.0	66.3	99.5



#20
Methylcyclohexane
Concen: 10.682 ug/l
RT: 6.79 min Scan# 1695
Delta R.T. 0.00 min
Lab File: VU038000.D
Acq: 04 May 2020 12:39

Tgt Ion	83	Resp	464724
Ion	Ratio	Lower	Upper
83	100		
55	76.9	61.5	92.3
98	46.6	37.3	55.9

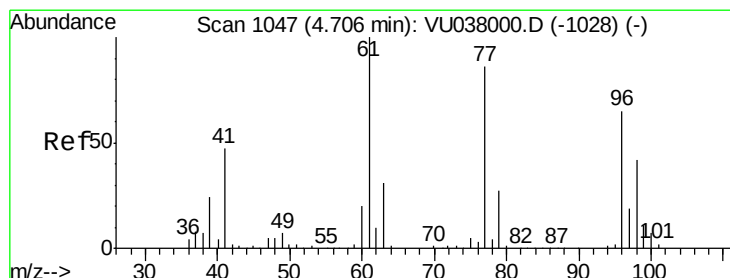
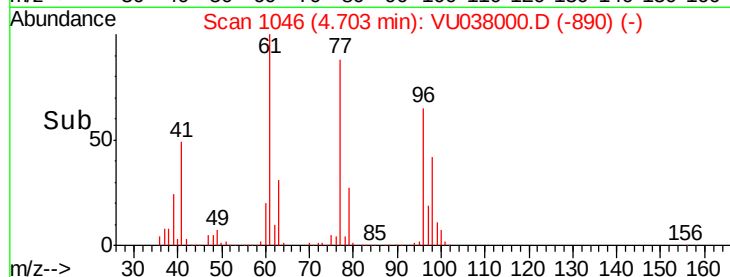
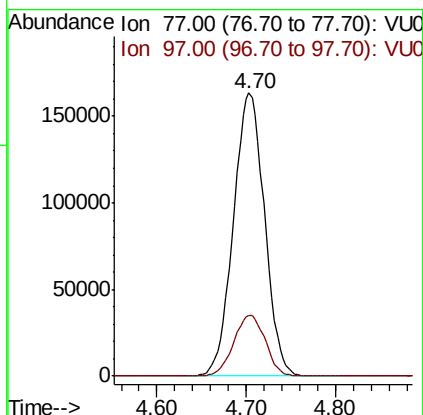
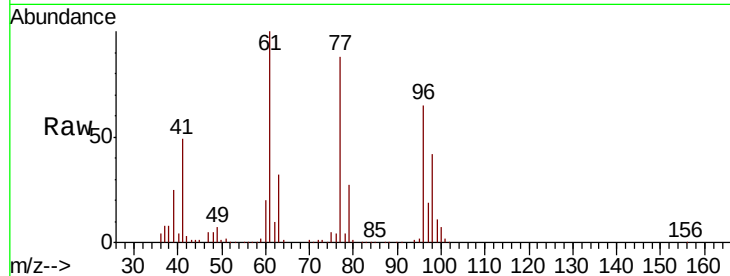




#21
 2,2-Dichloropropane
 Concen: 8.634 ug/l
 RT: 4.70 min Scan# 1046
 Delta R.T. 0.00 min
 Lab File: VU038000.D
 Acq: 04 May 2020 12:39

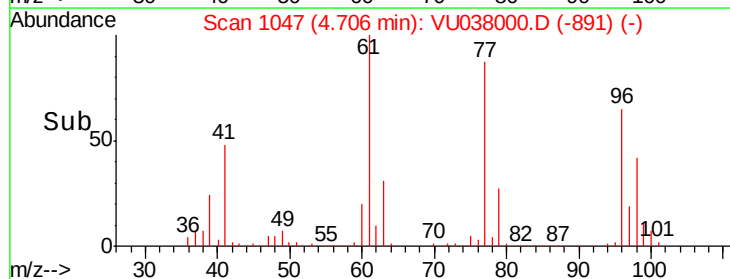
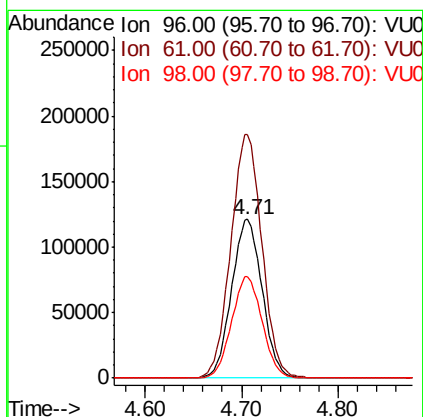
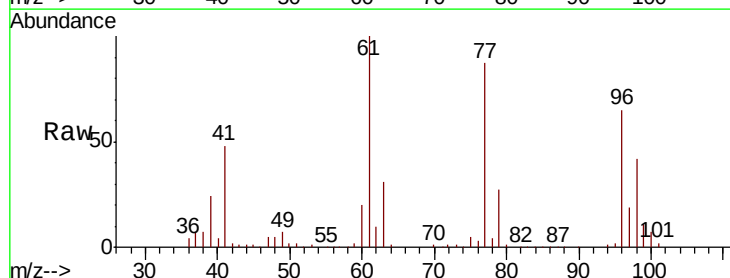
Instrument :
 MSVOA_U
 ClientSampled :

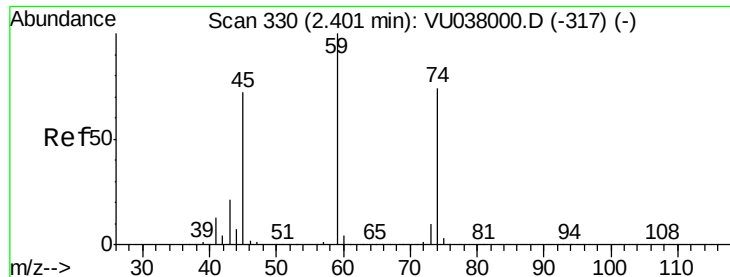
Tot Ion: 77 Resp: 396522
 Ion Ratio Lower Upper
 77 100
 97 21.8 17.4 26.2



#22
 cis-1,2-Dichloroethene
 Concen: 9.734 ug/l
 RT: 4.71 min Scan# 1047
 Delta R.T. 0.00 min
 Lab File: VU038000.D
 Acq: 04 May 2020 12:39

Tgt Ion: 96 Resp: 265725
 Ion Ratio Lower Upper
 96 100
 61 155.7 0.0 389.3
 98 64.2 32.1 96.3

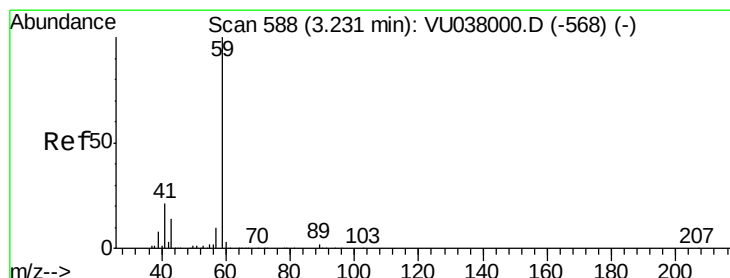
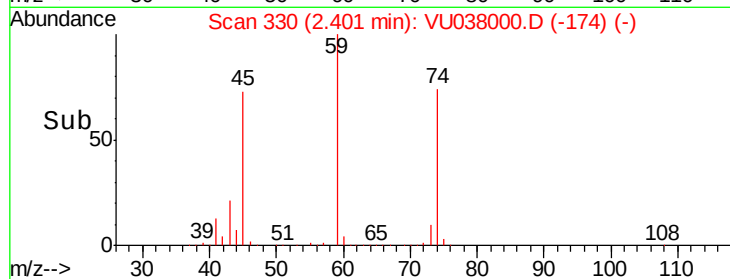
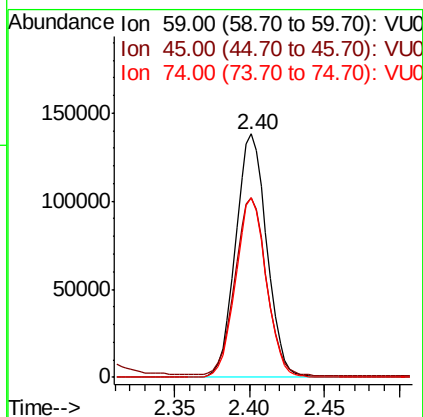
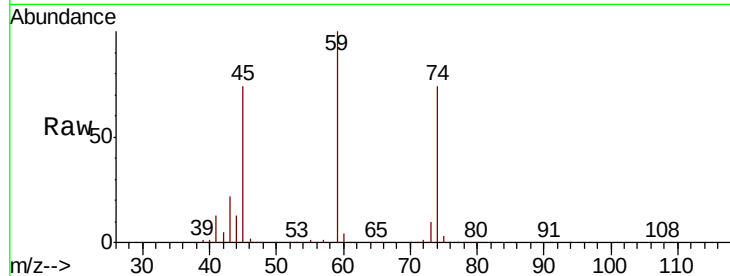




#23
 Diethyl Ether
 Concen: 11.016 ug/l
 RT: 2.40 min Scan# 330
 Delta R.T. 0.00 min
 Lab File: VU038000.D
 Acq: 04 May 2020 12:39

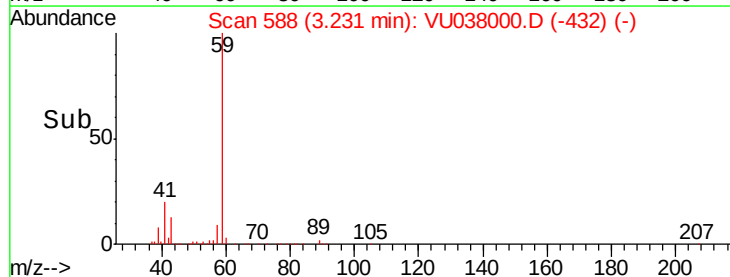
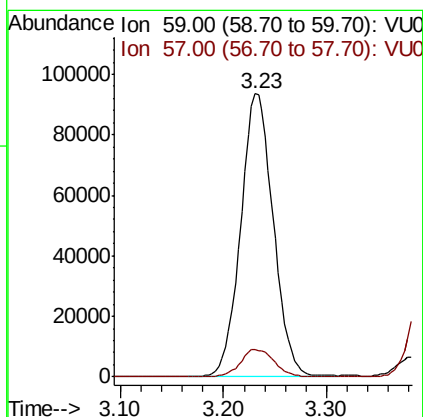
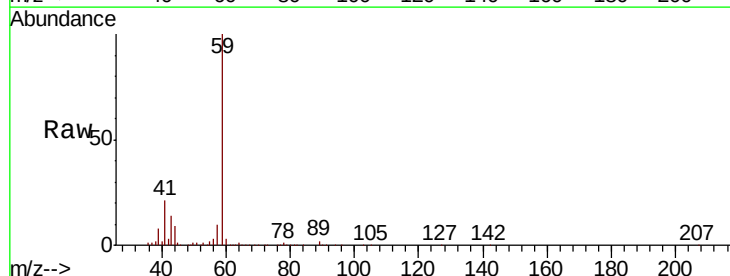
Instrument :
 MSVOA_U
 ClientSampleId :

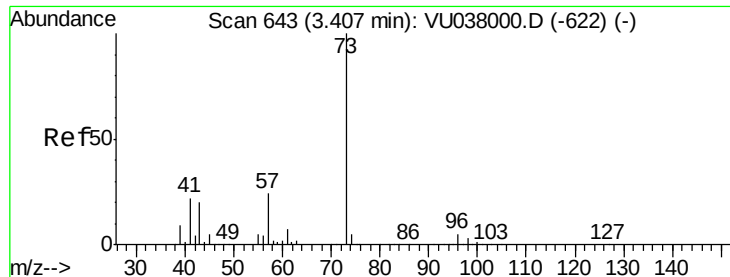
Tot Ion	Ratio	Lower	Upper
59	100		
45	74.7	59.8	89.6
74	72.8	58.2	87.4



#24
 tert-Butyl Alcohol
 Concen: 105.778 ug/l
 RT: 3.23 min Scan# 588
 Delta R.T. 0.00 min
 Lab File: VU038000.D
 Acq: 04 May 2020 12:39

Tgt Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.2	12.4



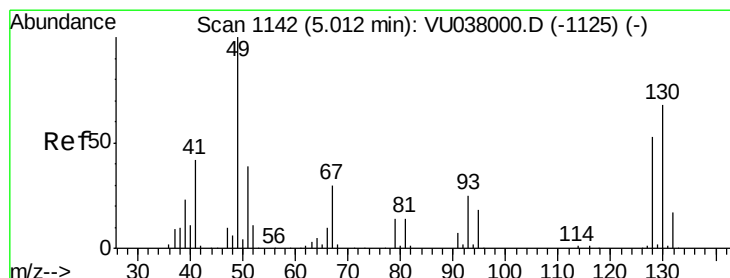
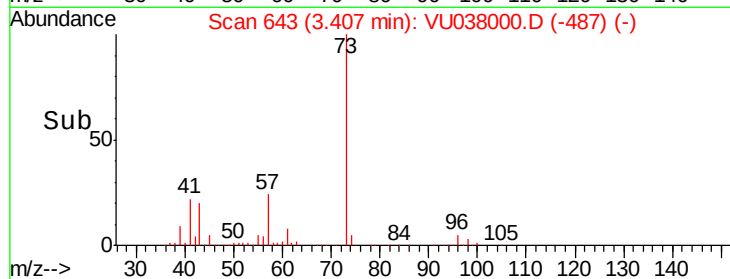
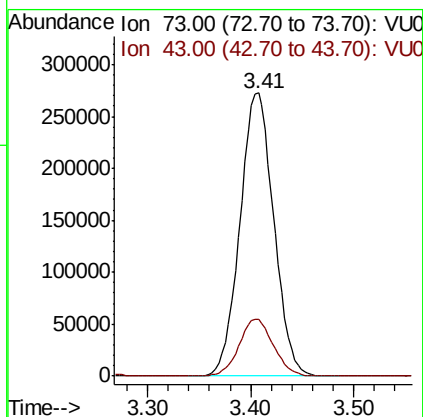
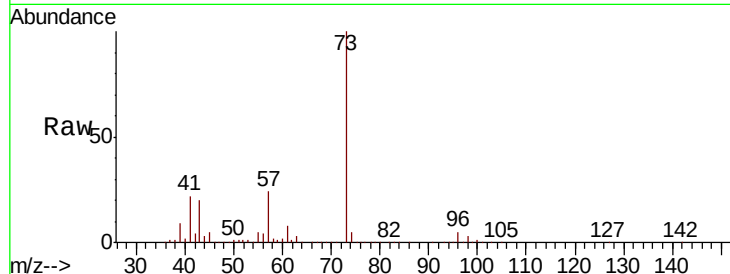


#25

Methyl tert-Butyl Ether
 Concen: 10.087 ug/l
 RT: 3.41 min Scan# 643
 Delta R.T. 0.00 min
 Lab File: VU038000.D
 Acq: 04 May 2020 12:39

Instrument :
 MSVOA_U
 ClientSampleId :

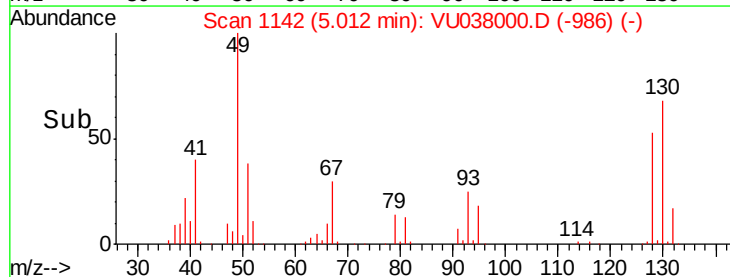
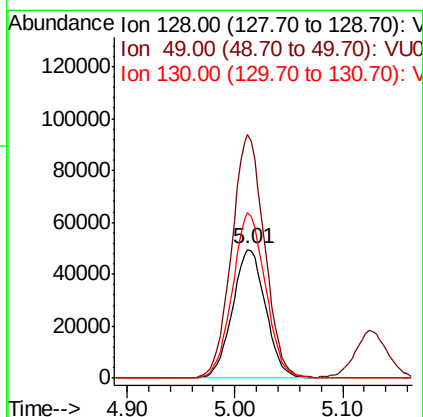
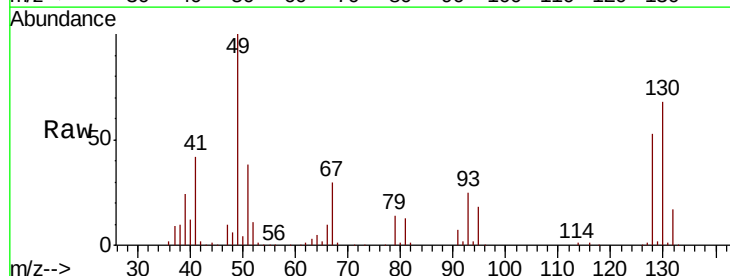
Tot Ion: 73 Resp: 621409
 Ion Ratio Lower Upper
 73 100
 43 20.2 16.2 24.2

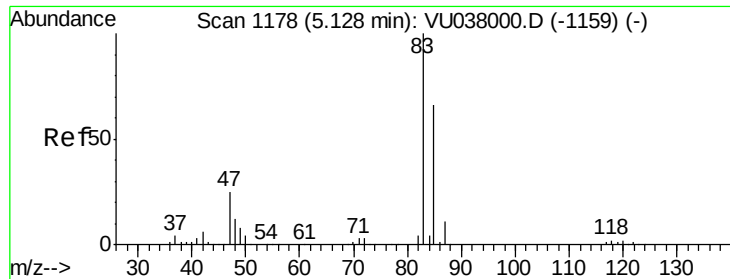


#26

Bromochloromethane
 Concen: 8.927 ug/l
 RT: 5.01 min Scan# 1142
 Delta R.T. 0.00 min
 Lab File: VU038000.D
 Acq: 04 May 2020 12:39

Tgt Ion: 128 Resp: 105824
 Ion Ratio Lower Upper
 128 100
 49 188.0 0.0 376.0
 130 128.2 102.6 153.8

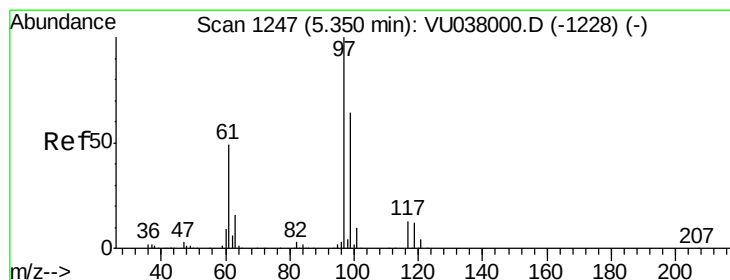
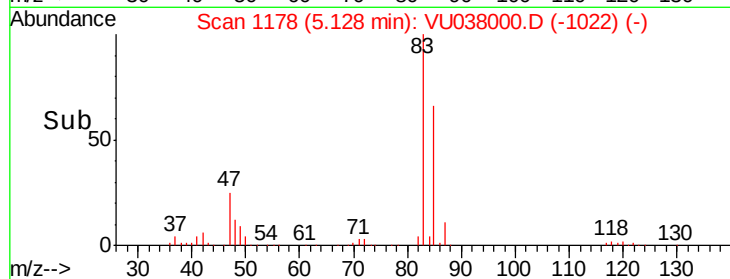
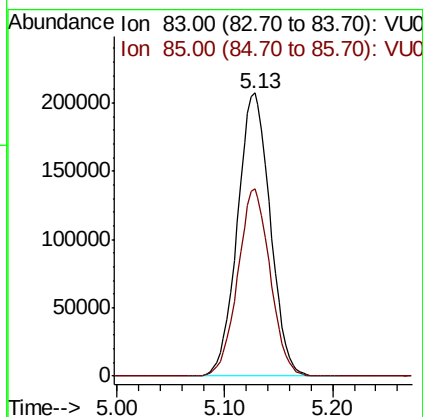
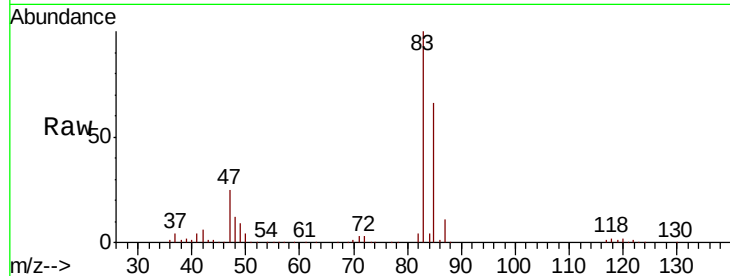




#27
Chloroform
Concen: 8.134 ug/l
RT: 5.13 min Scan# 1178
Delta R.T. 0.00 min
Lab File: VU038000.D
Acq: 04 May 2020 12:39

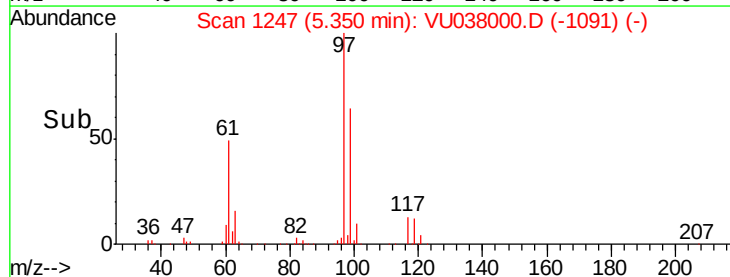
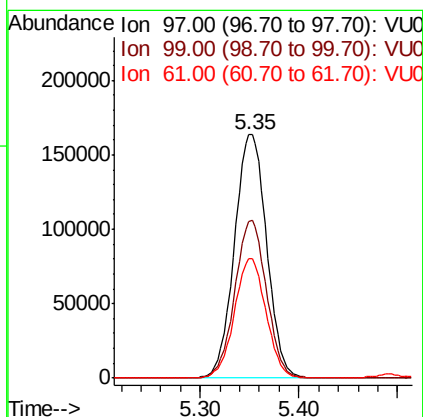
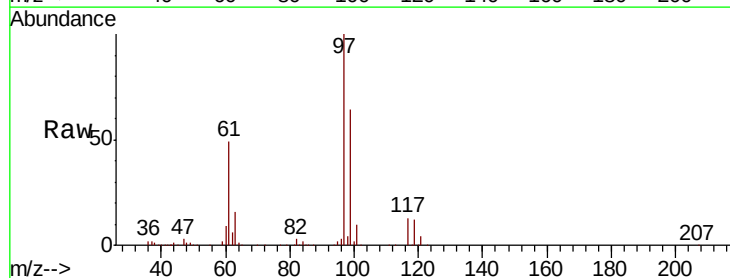
Instrument :
MSVOA_U
ClientSampleId :

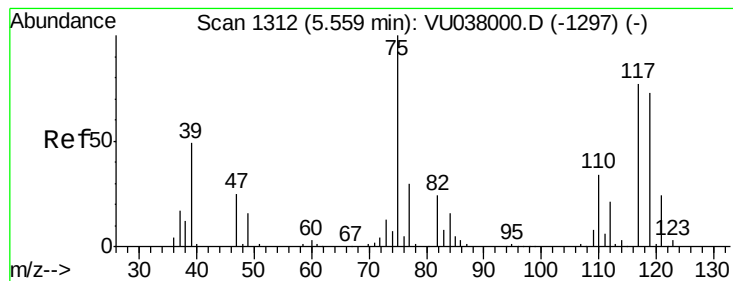
Tot Ion: 83 Resp: 438379
Ion Ratio Lower Upper
83 100
85 66.0 0.0 132.0



#28
1,1,1-Trichloroethane
Concen: 8.113 ug/l
RT: 5.35 min Scan# 1247
Delta R.T. 0.00 min
Lab File: VU038000.D
Acq: 04 May 2020 12:39

Tgt Ion: 97 Resp: 370287
Ion Ratio Lower Upper
97 100
99 63.9 31.9 95.9
61 48.3 24.1 72.4





#29

1,1-Dichloropropene

Concen: 9.729 ug/l

RT: 5.56 min Scan# 1312

Delta R.T. 0.00 min

Lab File: VU038000.D

Acq: 04 May 2020 12:39

Instrument :

MSVOA_U

ClientSampleId :

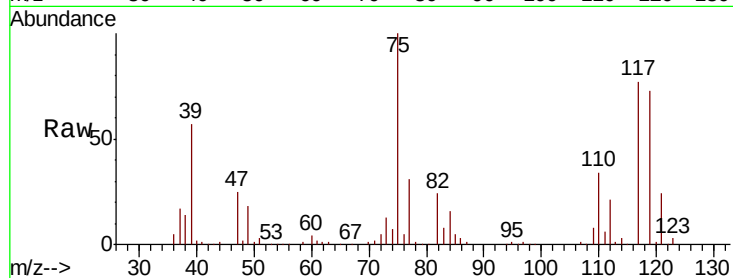
Tot Ion: 75 Resp: 370973

Ion Ratio Lower Upper

75 100

110 33.4 16.7 50.1

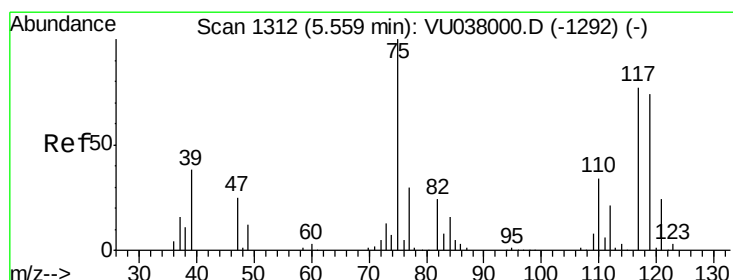
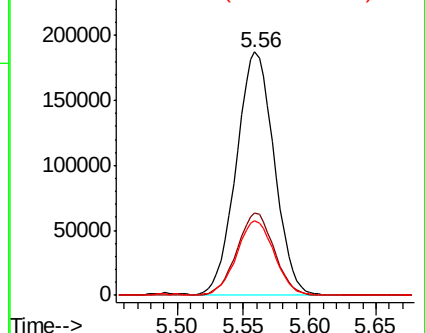
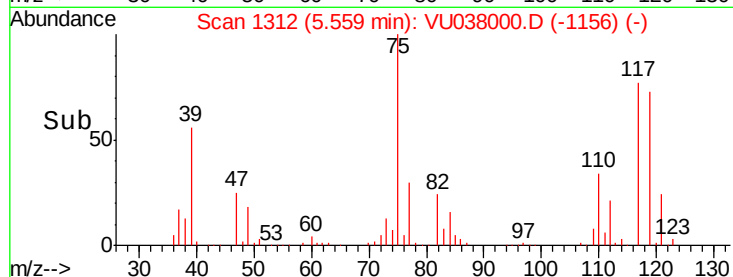
77 30.6 24.5 36.7



Abundance Ion 75.00 (74.70 to 75.70): VU038000.D (-1297) (-)

Ion 110.00 (109.70 to 110.70): VU038000.D (-1297) (-)

Ion 77.00 (76.70 to 77.70): VU038000.D (-1297) (-)



#30

Carbon Tetrachloride

Concen: 7.900 ug/l

RT: 5.56 min Scan# 1312

Delta R.T. 0.00 min

Lab File: VU038000.D

Acq: 04 May 2020 12:39

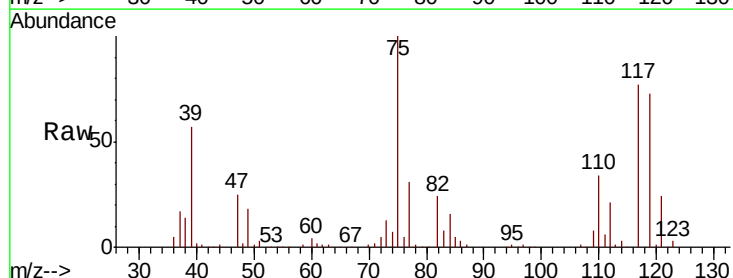
Tgt Ion: 117 Resp: 312298

Ion Ratio Lower Upper

117 100

119 95.4 76.3 114.5

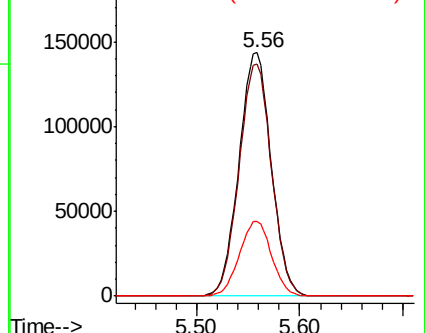
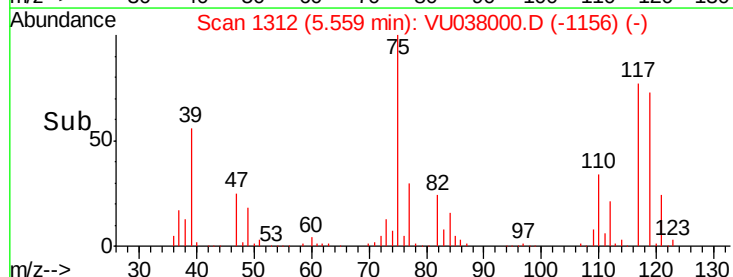
121 30.9 24.7 37.1

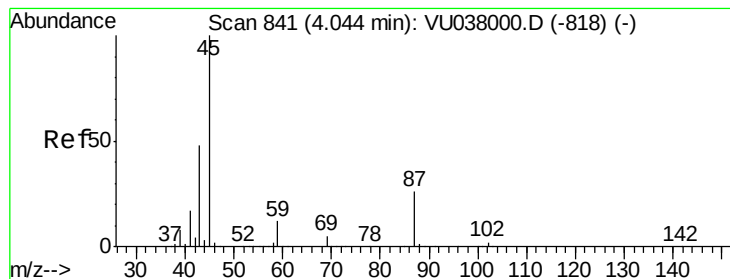


Abundance Ion 117.00 (116.70 to 117.70): VU038000.D (-1292) (-)

Ion 119.00 (118.70 to 119.70): VU038000.D (-1292) (-)

Ion 121.00 (120.70 to 121.70): VU038000.D (-1292) (-)





#31

Isopropyl Ether

Concen: 9.675 ug/l

RT: 4.04 min Scan# 841

Delta R.T. 0.00 min

Lab File: VU038000.D

Acq: 04 May 2020 12:39

Instrument :

MSVOA_U

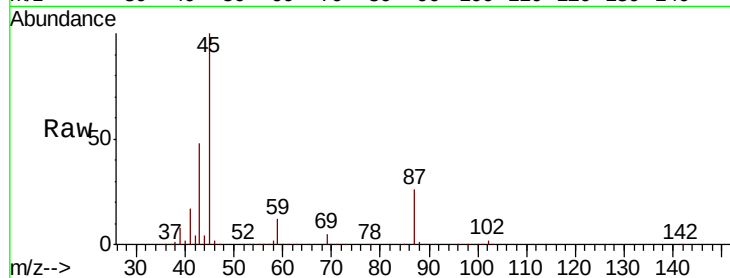
ClientSampled :

Tot Ion: 45 Resp: 787650

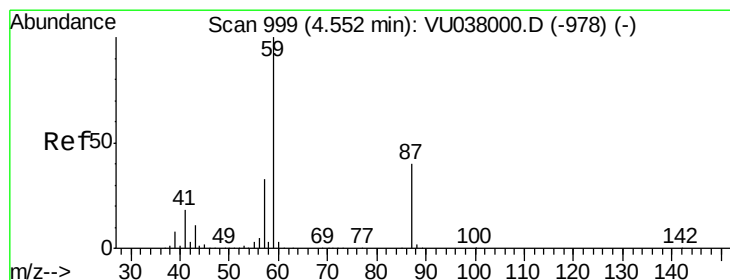
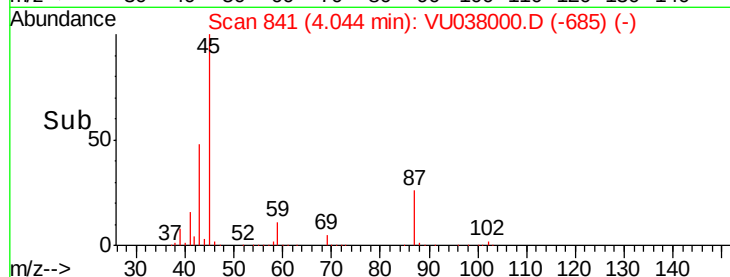
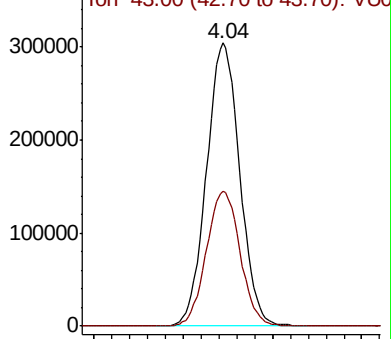
Ion Ratio Lower Upper

45 100

43 48.4 24.2 72.6



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



#32

Ethyl-t-butyl ether

Concen: 9.373 ug/l

RT: 4.55 min Scan# 999

Delta R.T. 0.00 min

Lab File: VU038000.D

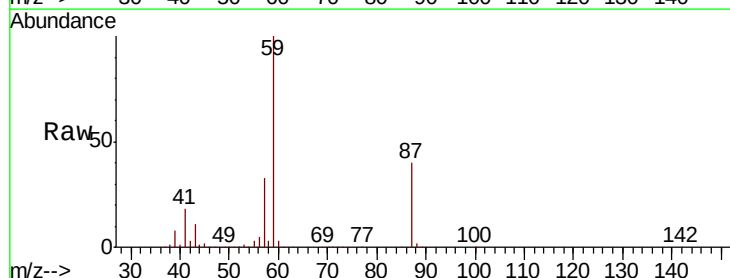
Acq: 04 May 2020 12:39

Tgt Ion: 59 Resp: 714915

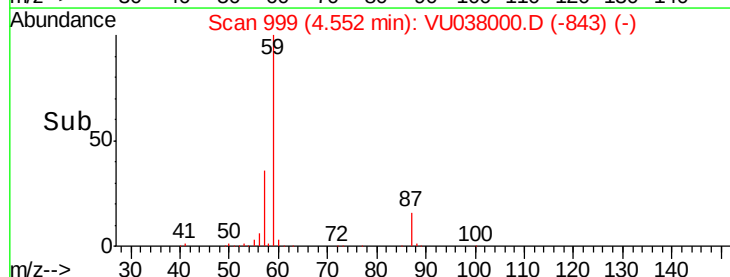
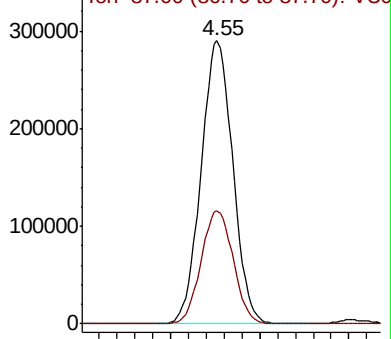
Ion Ratio Lower Upper

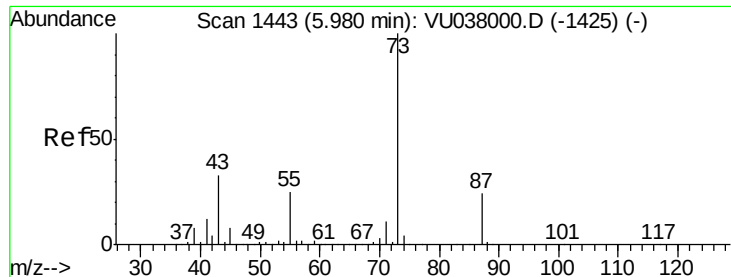
59 100

87 40.5 32.4 48.6



Abundance Ion 59.00 (58.70 to 59.70): VU038000.D (-978) (-)

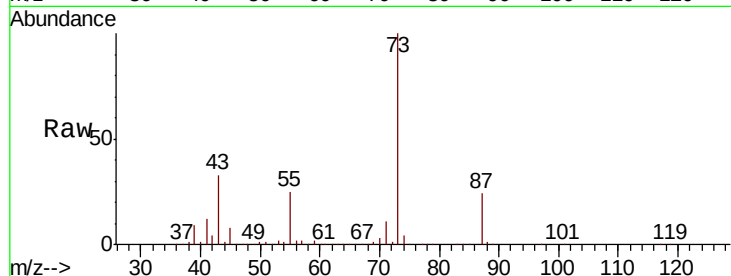




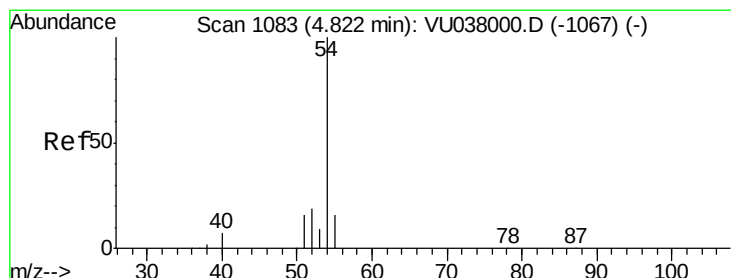
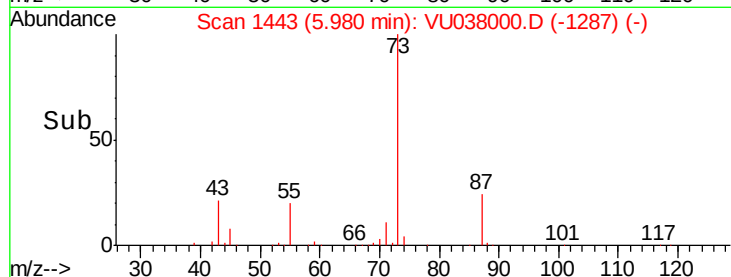
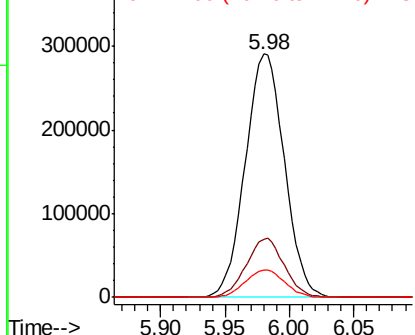
#33
Tert-Butyl methyl ether
Concen: 9.378 ug/l
RT: 5.98 min Scan# 1443
Delta R.T. 0.00 min
Lab File: VU038000.D
Acq: 04 May 2020 12:39

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 73 Resp: 612639
Ion Ratio Lower Upper
73 100
87 23.6 18.9 28.3
71 11.4 9.1 13.7

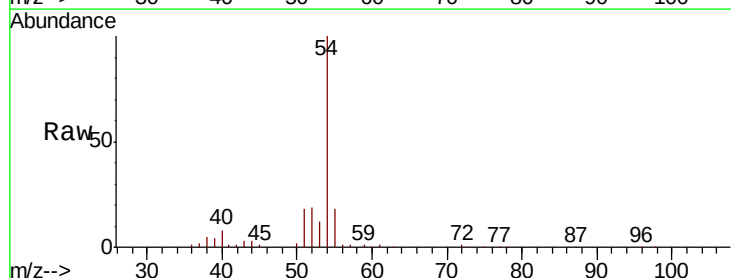


Abundance Ion 73.00 (72.70 to 73.70): VU0
Ion 87.00 (86.70 to 87.70): VU0
Ion 71.00 (70.70 to 71.70): VU0

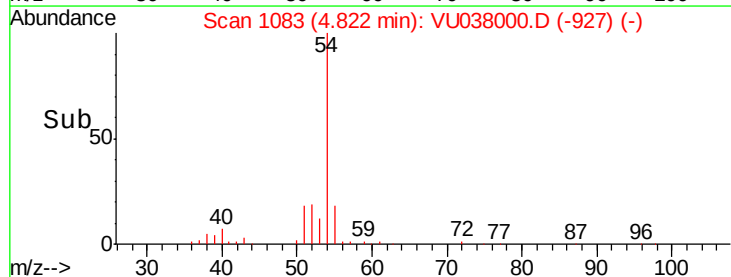
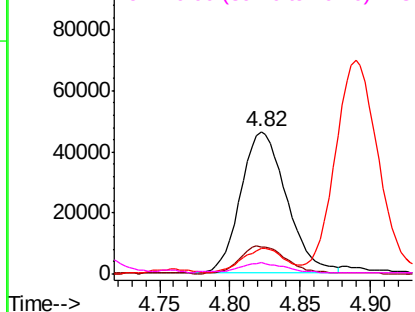


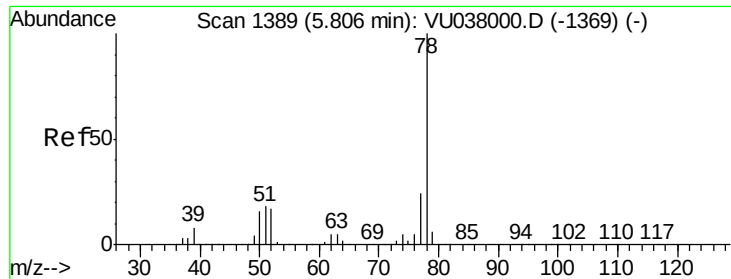
#34
Propionitrile
Concen: 48.229 ug/l
RT: 4.82 min Scan# 1083
Delta R.T. 0.00 min
Lab File: VU038000.D
Acq: 04 May 2020 12:39

Tgt Ion: 54 Resp: 105524
Ion Ratio Lower Upper
54 100
52 19.8 15.8 23.8
55 16.5 13.2 19.8
40 6.5 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: 9.505 ug/l

RT: 5.81 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VU038000.D

Acq: 04 May 2020 12:39

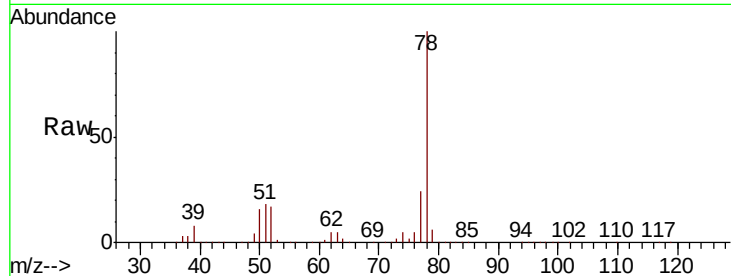
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 78 Resp: 1027499

Ion Ratio Lower Upper

78 100

77 24.1 19.3 28.9



Abundance Ion 78.10 (77.80 to 78.80): VU038000.D (-1369) (-)

Ion 77.00 (76.70 to 77.70): VU038000.D (-1369) (-)

5.81

400000

300000

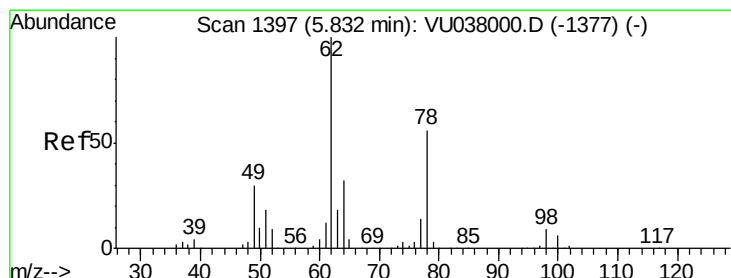
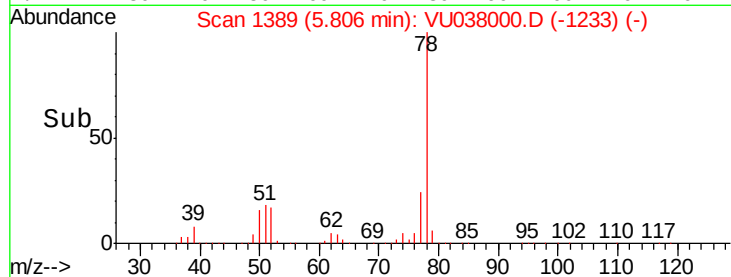
200000

100000

0

5.70 5.75 5.80 5.85 5.90

Time-->



#36

1,2-Dichloroethane

Concen: 7.918 ug/l

RT: 5.83 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VU038000.D

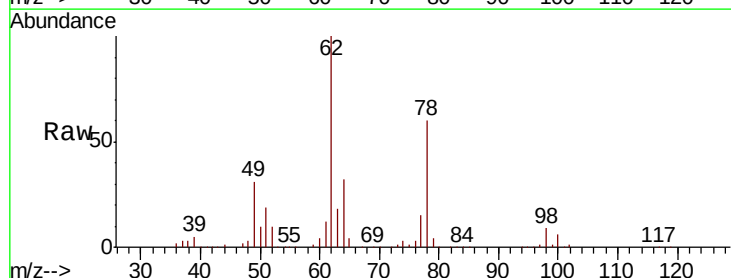
Acq: 04 May 2020 12:39

Tgt Ion: 62 Resp: 302405

Ion Ratio Lower Upper

62 100

98 9.1 7.3 10.9



Abundance Ion 62.00 (61.70 to 62.70): VU038000.D (-1377) (-)

Ion 98.00 (97.70 to 98.70): VU038000.D (-1377) (-)

5.83

150000

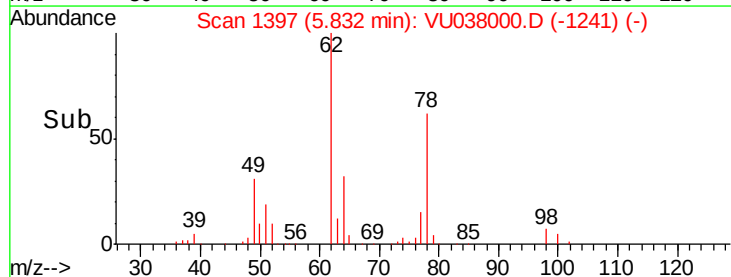
100000

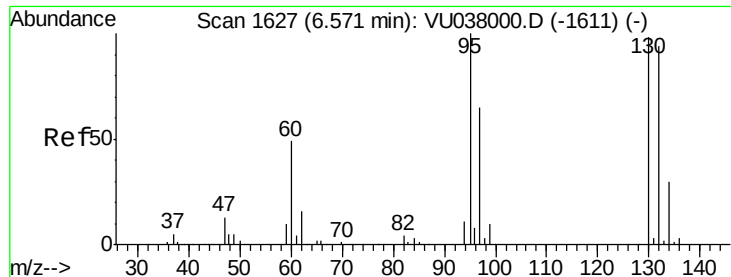
50000

0

5.75 5.80 5.85 5.90

Time-->

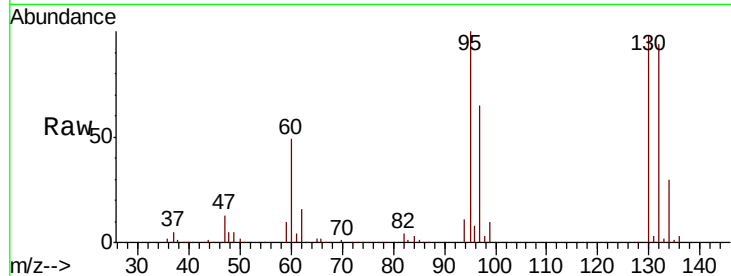




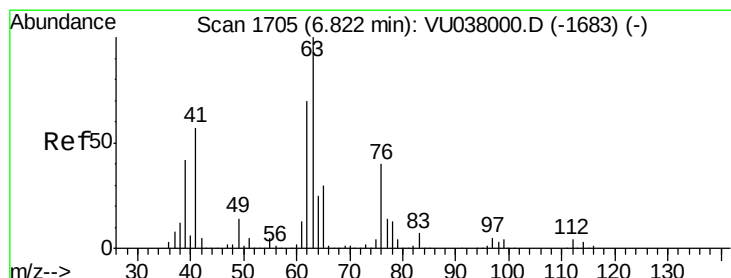
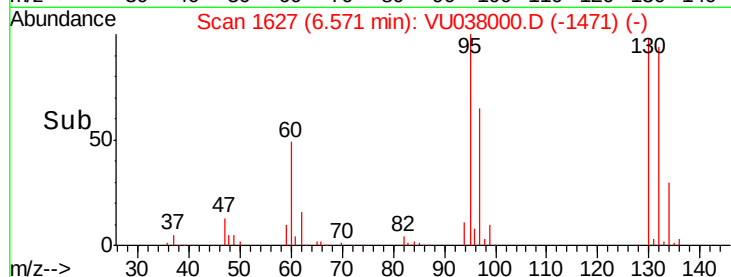
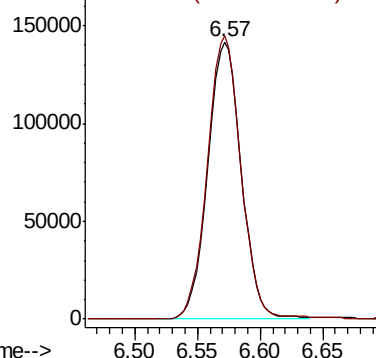
#37
 Trichloroethene
 Concen: 9.275 ug/l
 RT: 6.57 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VU038000.D
 Acq: 04 May 2020 12:39

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion:130 Resp: 263527
 Ion Ratio Lower Upper
 130 100
 95 102.0 81.6 122.4

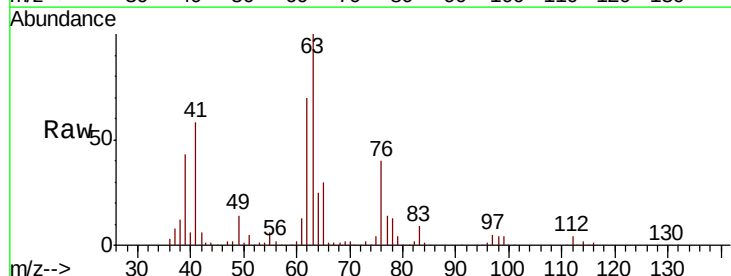


Abundance Ion 129.90 (129.60 to 130.60): VU038000.D (-1611) (-)
 Ion 94.90 (94.60 to 95.60): VU038000.D (-1611) (-)

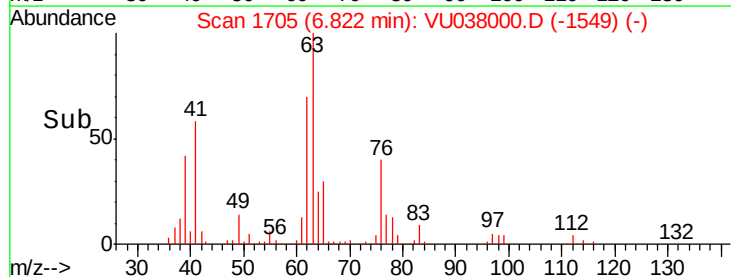
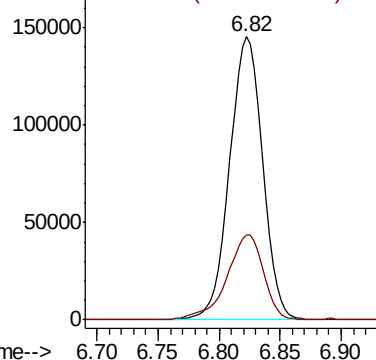


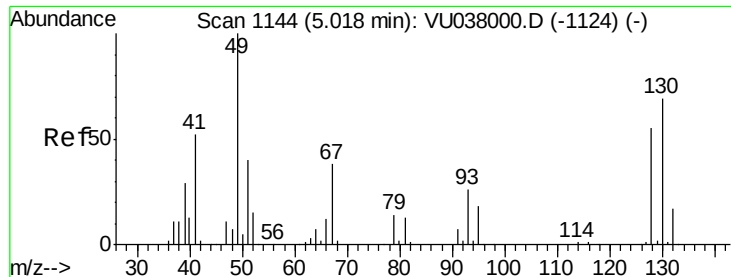
#38
 1,2-Dichloropropane
 Concen: 9.288 ug/l
 RT: 6.82 min Scan# 1705
 Delta R.T. 0.00 min
 Lab File: VU038000.D
 Acq: 04 May 2020 12:39

Tgt Ion: 63 Resp: 274335
 Ion Ratio Lower Upper
 63 100
 65 30.1 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) (-)

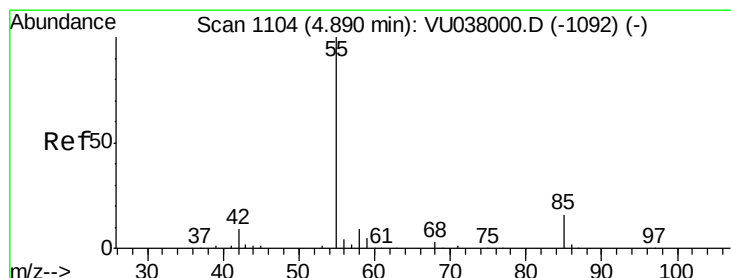
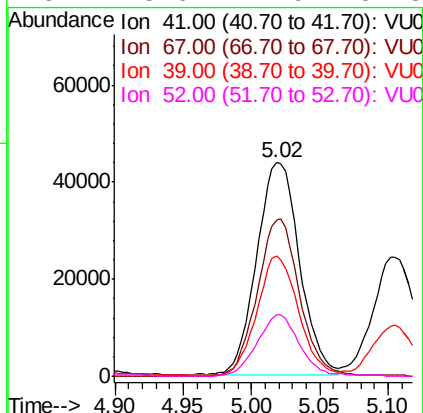
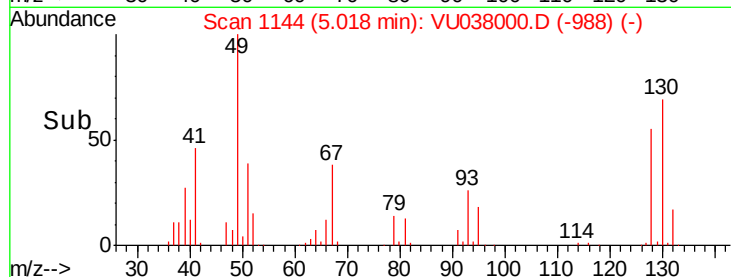
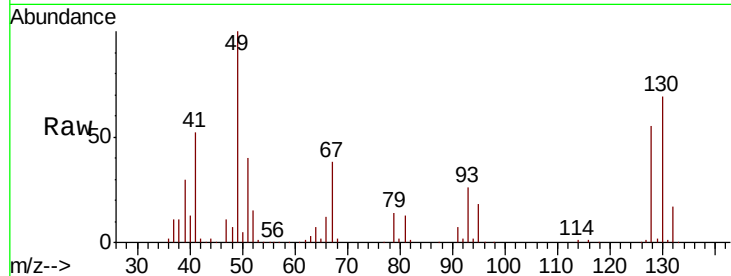




#39
Methacrylonitrile
Concen: 9.170 ug/l
RT: 5.02 min Scan# 1144
Delta R.T. 0.00 min
Lab File: VU038000.D
Acq: 04 May 2020 12:39

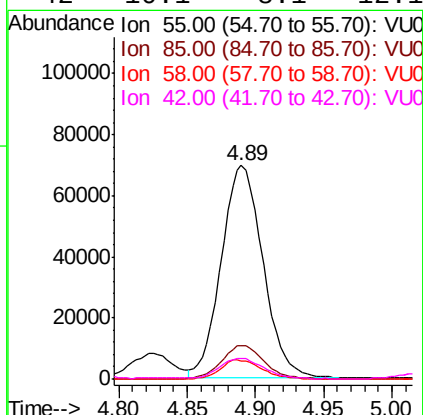
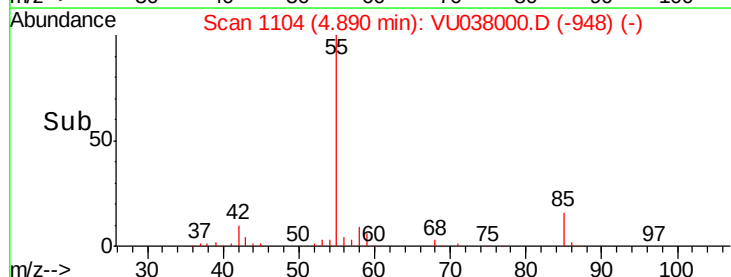
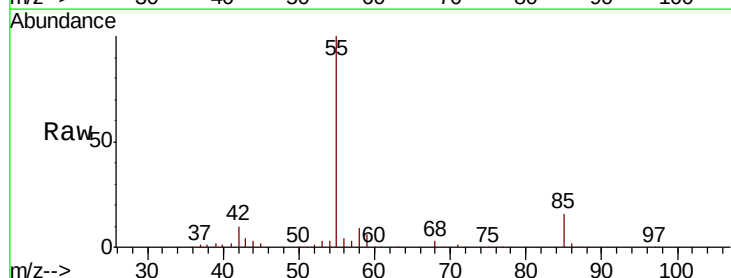
Instrument :
MSVOA_U
ClientSampleId :

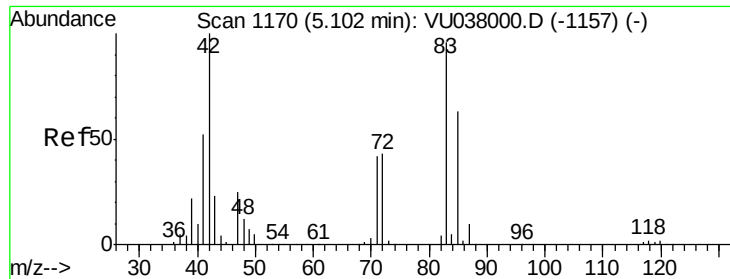
Tot Ion: 41 Resp: 95840
Ion Ratio Lower Upper
41 100
67 72.5 58.0 87.0
39 54.0 43.2 64.8
52 28.6 22.9 34.3



#40
Methyl acrylate
Concen: 9.949 ug/l
RT: 4.89 min Scan# 1104
Delta R.T. 0.00 min
Lab File: VU038000.D
Acq: 04 May 2020 12:39

Tgt Ion: 55 Resp: 146988
Ion Ratio Lower Upper
55 100
85 16.1 12.9 19.3
58 9.0 7.2 10.8
42 10.1 8.1 12.1





#41

Tetrahydrofuran

Concen: 17.943 ug/l

RT: 5.10 min Scan# 1170

Delta R.T. 0.00 min

Lab File: VU038000.D

Acq: 04 May 2020 12:39

Instrument :
MSVOA_U
ClientSampleId :

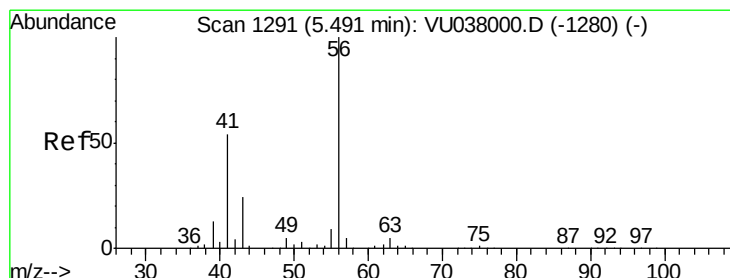
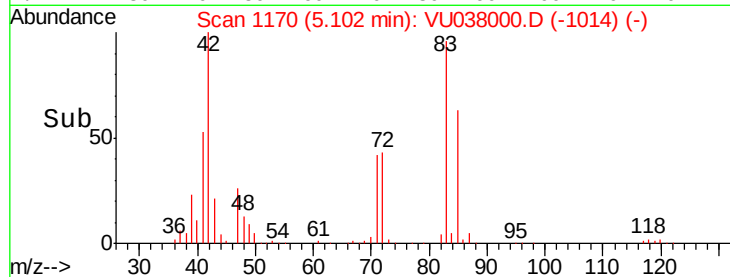
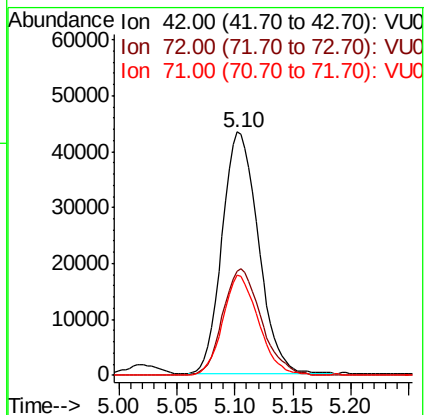
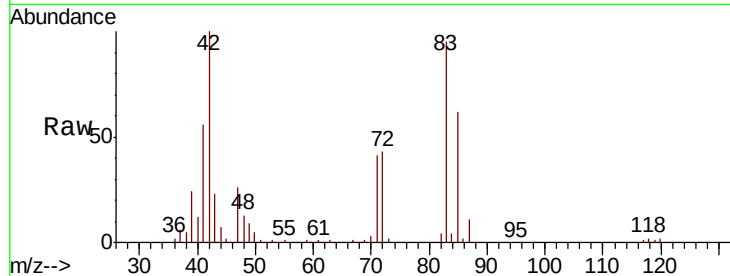
Tot Ion: 42 Resp: 93470

Ion Ratio Lower Upper

42 100

72 46.8 37.4 56.2

71 41.0 32.8 49.2



#42

1-Chlorobutane

Concen: 9.760 ug/l

RT: 5.49 min Scan# 1291

Delta R.T. 0.00 min

Lab File: VU038000.D

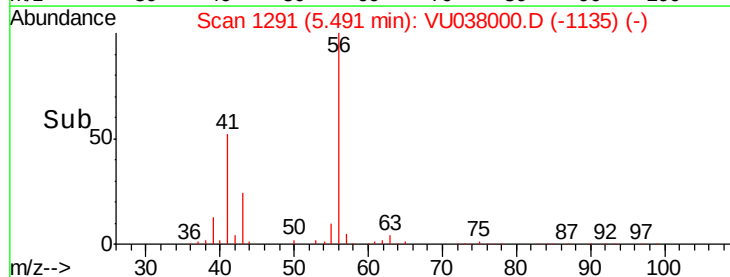
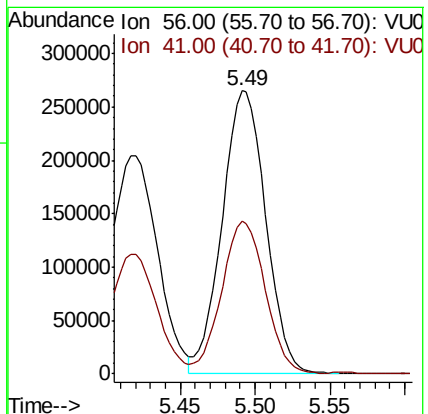
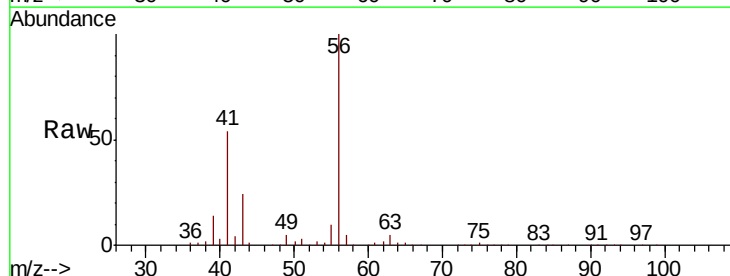
Acq: 04 May 2020 12:39

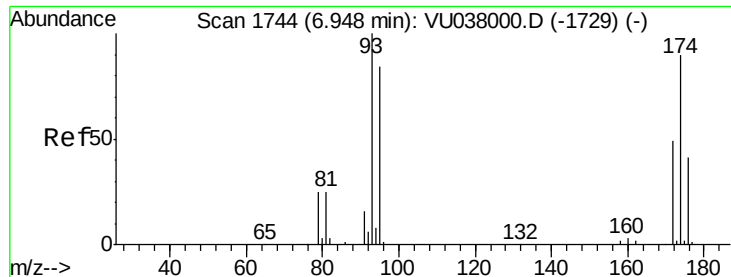
Tgt Ion: 56 Resp: 534498

Ion Ratio Lower Upper

56 100

41 53.6 26.8 80.4





#43

Dibromomethane

Concen: 8.470 ug/l

RT: 6.95 min Scan# 1744

Delta R.T. 0.00 min

Lab File: VU038000.D

Acq: 04 May 2020 12:39

Instrument :

MSVOA_U

ClientSampleId :

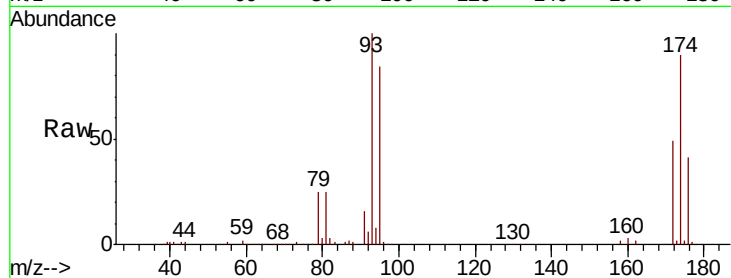
Tot Ion: 93 Resp: 126378

Ion Ratio Lower Upper

93 100

95 82.6 66.1 99.1

174 91.0 72.8 109.2

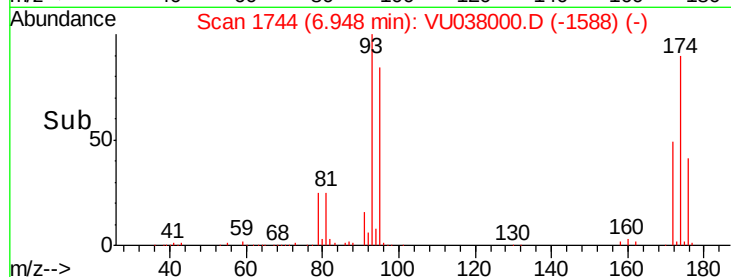


Abundance Ion 93.00 (92.70 to 93.70): VU038000.D (-1729) (-)

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

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

Time-->

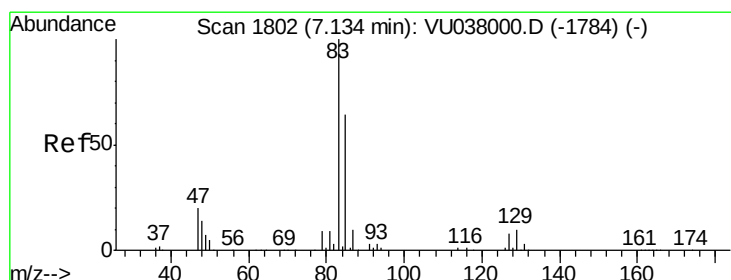


Abundance Ion 93.00 (92.70 to 93.70): VU038000.D (-1588) (-)

Ion 95.00 (94.70 to 95.70): VU038000.D (-1588) (-)

Ion 174.00 (173.70 to 174.70): VU038000.D (-1588) (-)

Time-->



#44

Bromodichloromethane

Concen: 8.476 ug/l

RT: 7.13 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VU038000.D

Acq: 04 May 2020 12:39

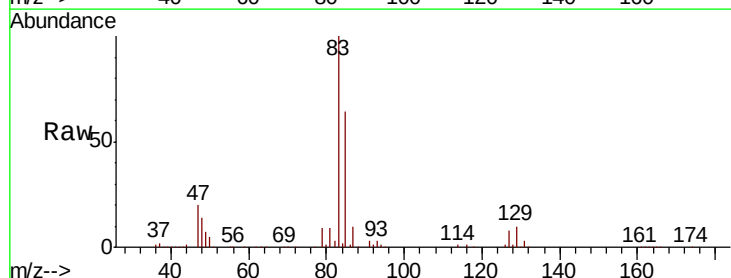
Tgt Ion: 83 Resp: 327771

Ion Ratio Lower Upper

83 100

85 64.2 51.4 77.0

127 7.7 6.2 9.2

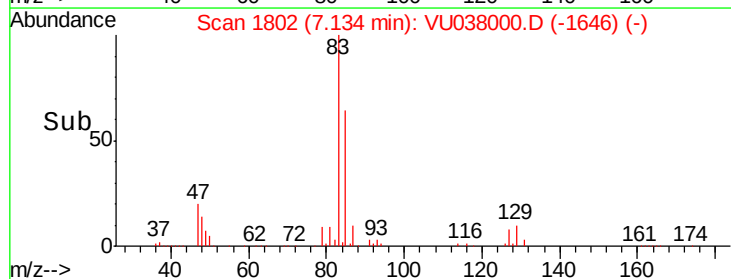


Abundance Ion 83.00 (82.70 to 83.70): VU038000.D (-1784) (-)

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

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

Time-->

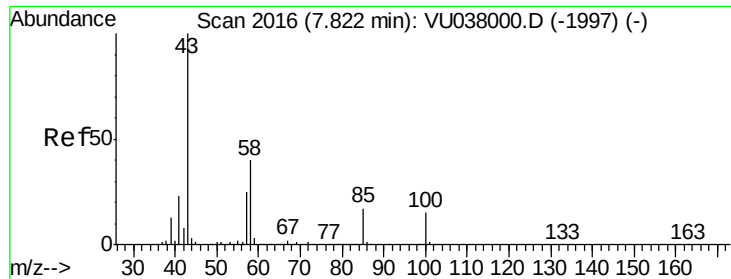


Abundance Ion 83.00 (82.70 to 83.70): VU038000.D (-1646) (-)

Ion 85.00 (84.70 to 85.70): VU038000.D (-1646) (-)

Ion 127.00 (126.70 to 127.70): VU038000.D (-1646) (-)

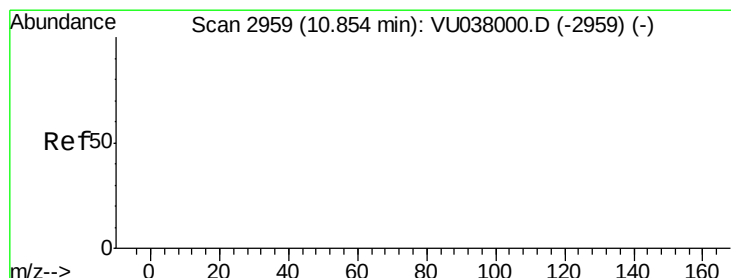
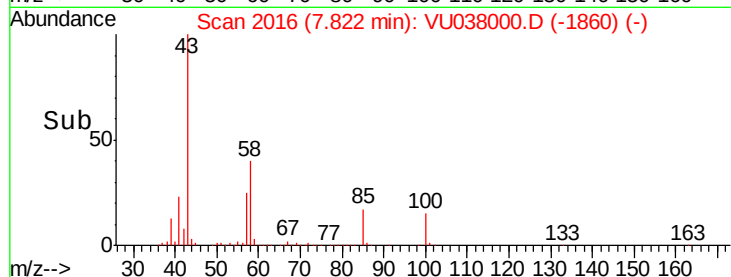
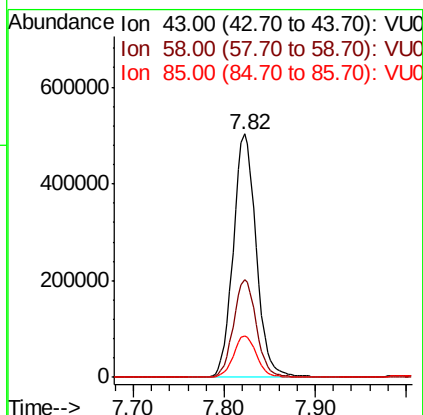
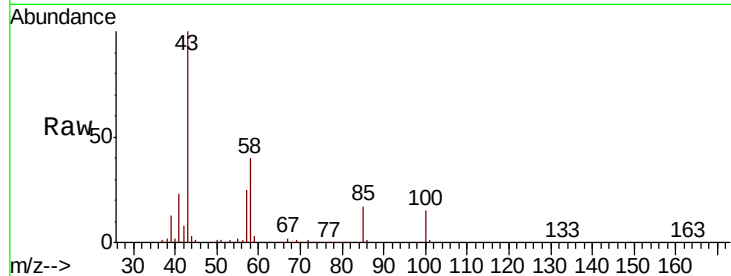
Time-->



#45
4-Methyl-2-Pentanone
Concen: 44.040 ug/l
RT: 7.82 min Scan# 2016
Delta R.T. 0.00 min
Lab File: VU038000.D
Acq: 04 May 2020 12:39

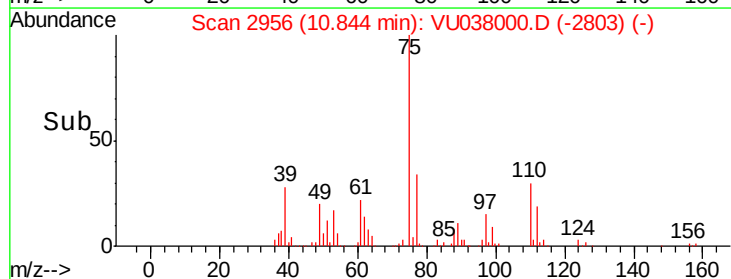
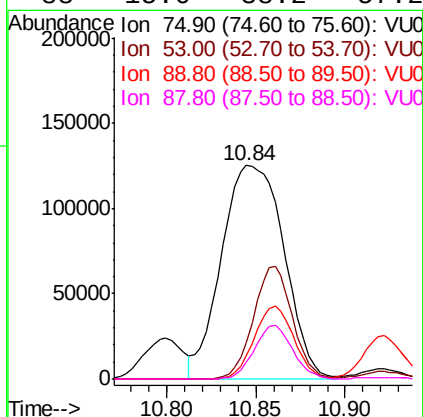
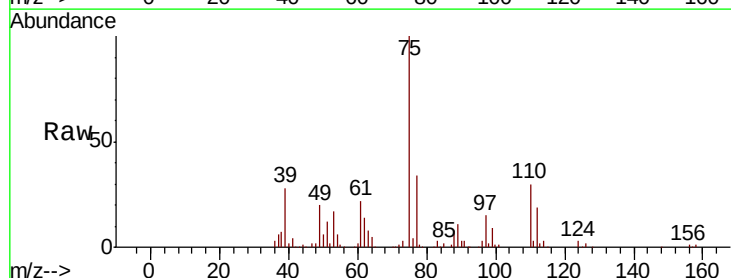
Instrument :
MSVOA_U
ClientSampleId :

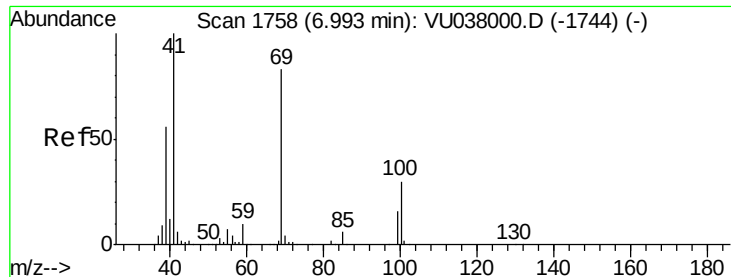
Tot Ion	Ratio	Lower	Upper
43	100		
58	40.2	20.1	60.3
85	17.1	13.7	20.5



#46
t-1,4-Dichloro-2-butene
Concen: 55.733 ug/l
RT: 10.84 min Scan# 2956
Delta R.T. -0.01 min
Lab File: VU038000.D
Acq: 04 May 2020 12:39

Tgt Ion	Ratio	Lower	Upper
75	100		
53	33.1	81.1	121.7#
89	21.7	53.2	79.8#
88	15.6	38.2	57.2#

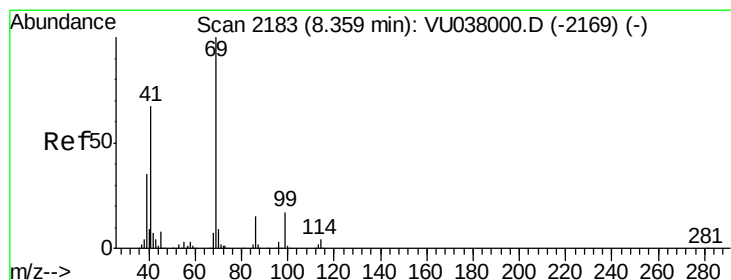
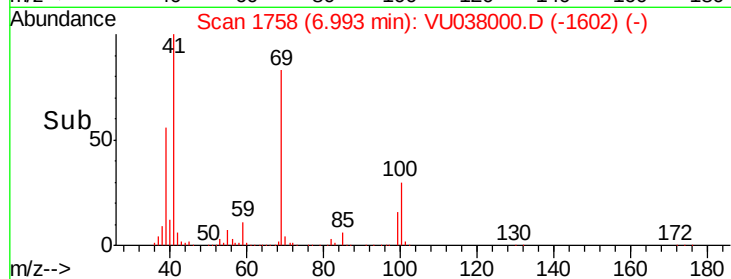
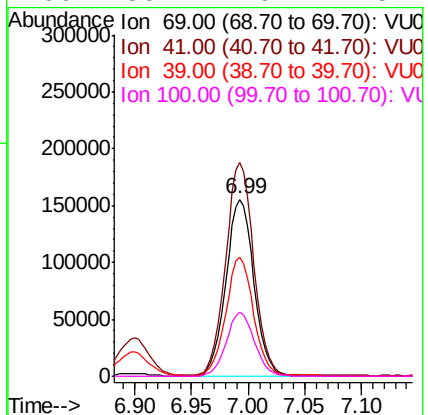
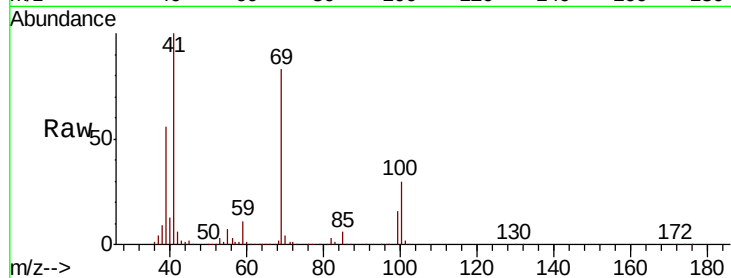




#47
Methvl methacrylate
Concen: 21.187 ug/l
RT: 6.99 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VU038000.D
Acq: 04 May 2020 12:39

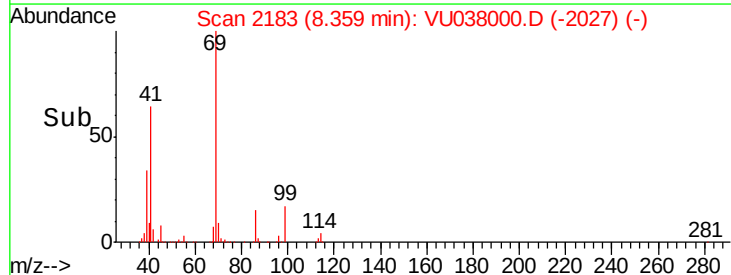
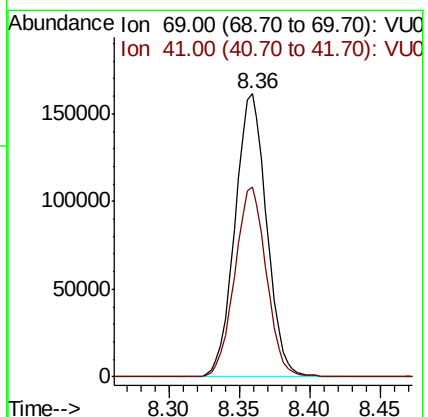
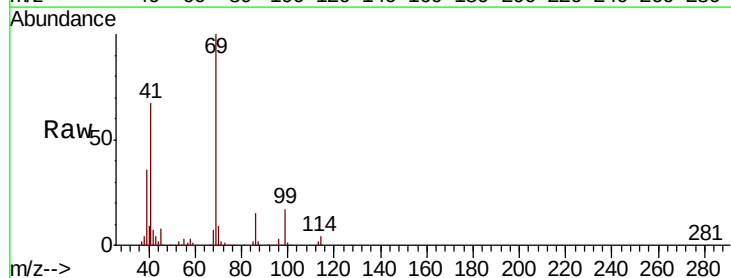
Instrument :
MSVOA_U
ClientSampled :

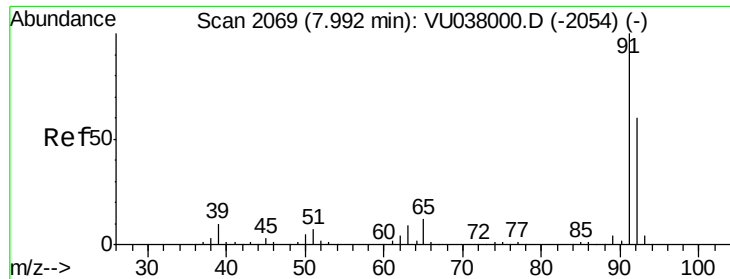
Tot Ion: 69 Resp: 267177
Ion Ratio Lower Upper
69 100
41 120.8 0.0 241.6
39 66.1 52.9 79.3
100 36.4 29.1 43.7



#48
Ethyl methacrylate
Concen: 10.225 ug/l
RT: 8.36 min Scan# 2183
Delta R.T. 0.00 min
Lab File: VU038000.D
Acq: 04 May 2020 12:39

Tgt Ion: 69 Resp: 254188
Ion Ratio Lower Upper
69 100
41 67.2 33.6 100.8





#49

Toluene

Concen: 10.119 ug/l

RT: 7.99 min Scan# 2069

Delta R.T. 0.00 min

Lab File: VU038000.D

Acq: 04 May 2020 12:39

Instrument :

MSVOA_U

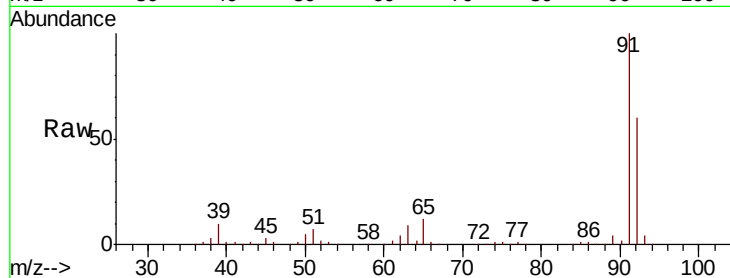
ClientSampleId :

Tot Ion: 92 Resp: 659687

Ion Ratio Lower Upper

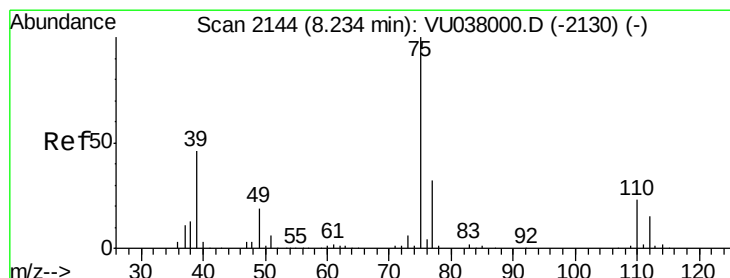
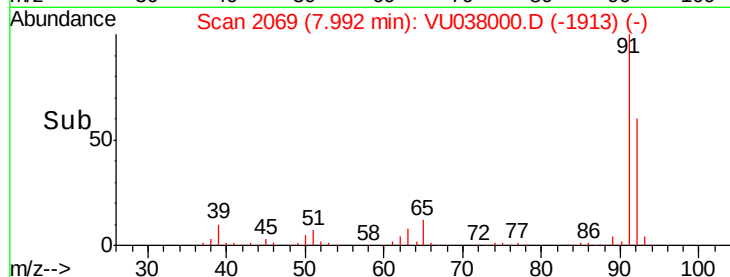
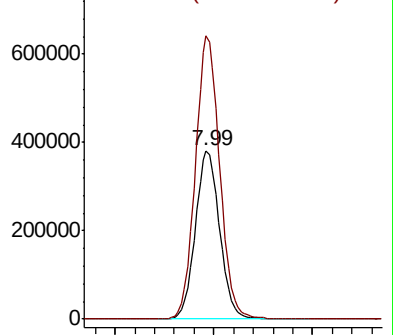
92 100

91 168.0 134.4 201.6



Abundance Ion 92.00 (91.70 to 92.70): VU038000.D (-2054) (-)

Ion 91.00 (90.70 to 91.70): VU038000.D (-2054) (-)



#50

t-1,3-Dichloropropene

Concen: 9.622 ug/l

RT: 8.23 min Scan# 2144

Delta R.T. 0.00 min

Lab File: VU038000.D

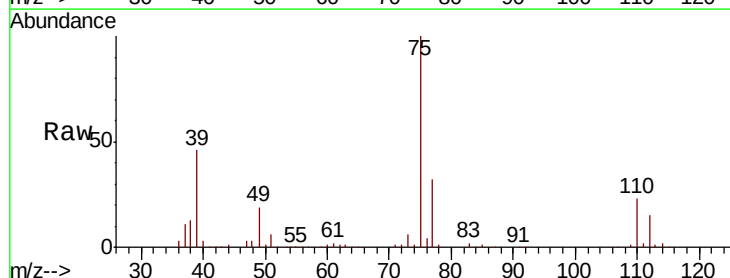
Acq: 04 May 2020 12:39

Tgt Ion: 75 Resp: 341487

Ion Ratio Lower Upper

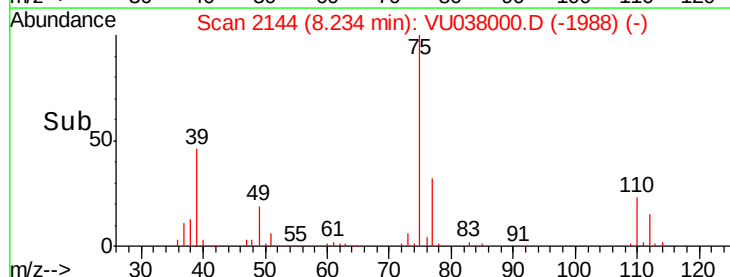
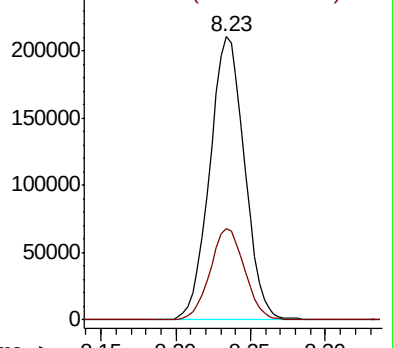
75 100

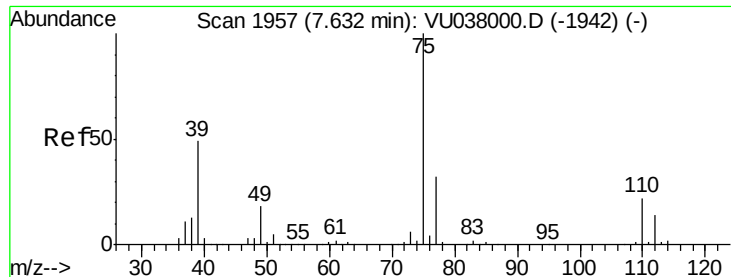
77 32.3 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VU038000.D (-2130) (-)

Ion 77.00 (76.70 to 77.70): VU038000.D (-2130) (-)



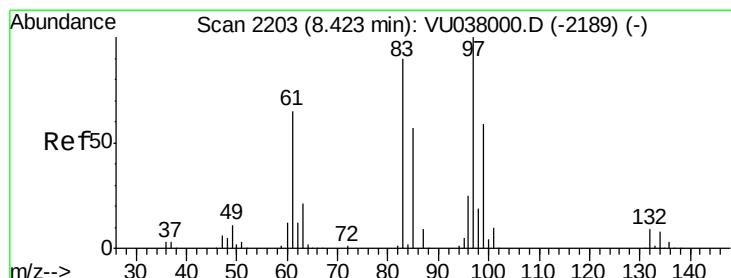
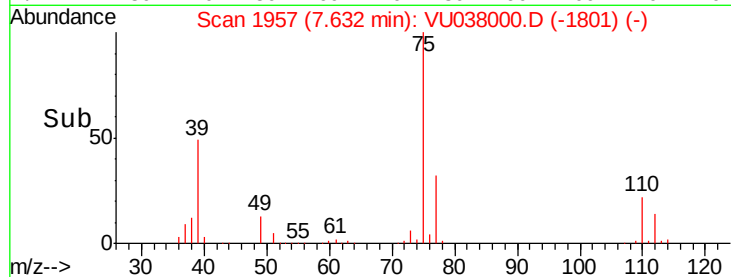
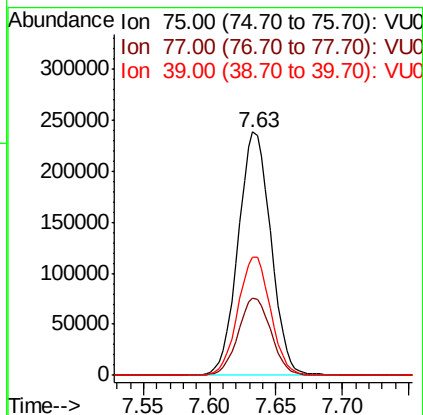
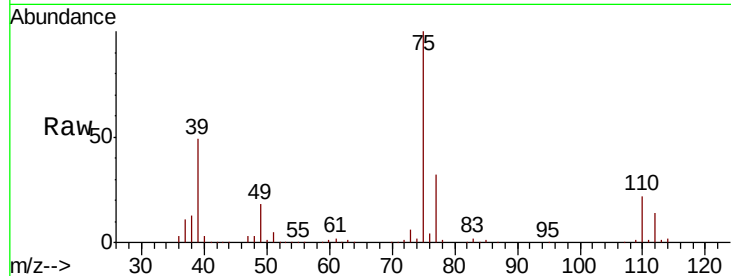


#51

cis-1,3-Dichloropropene
Concen: 9.988 ug/l
RT: 7.63 min Scan# 1957
Delta R.T. 0.00 min
Lab File: VU038000.D
Acq: 04 May 2020 12:39

Instrument :
MSVOA_U
ClientSampleId :

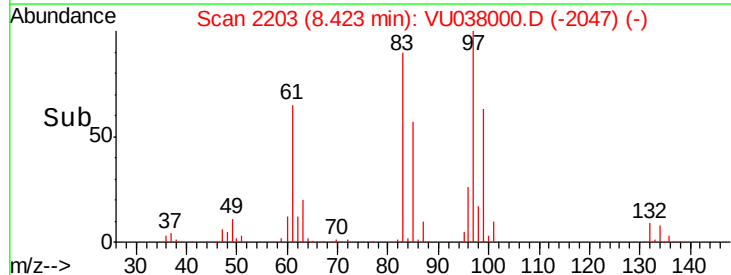
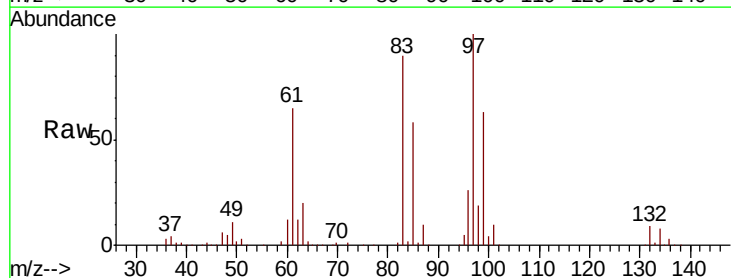
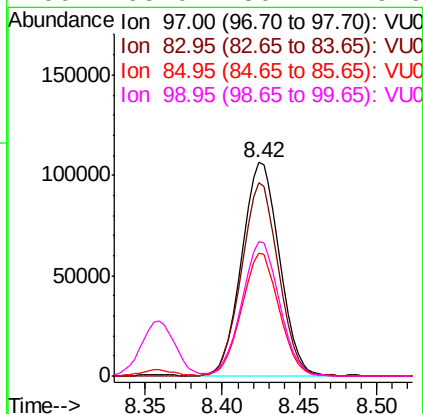
Tot Ion	75	Resp	409003
Ion	Ratio	Lower	Upper
75	100		
77	31.9	25.5	38.3
39	48.7	39.0	58.4

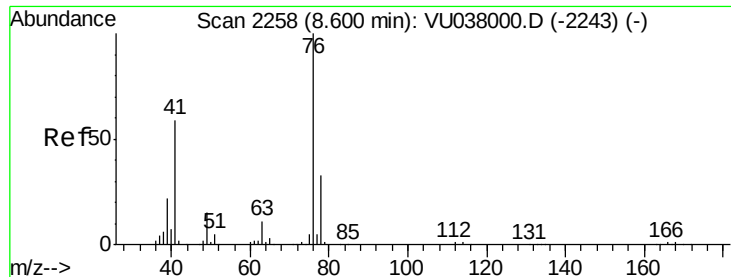


#52

1,1,2-Trichloroethane
Concen: 9.011 ug/l
RT: 8.42 min Scan# 2203
Delta R.T. 0.00 min
Lab File: VU038000.D
Acq: 04 May 2020 12:39

Tgt Ion	97	Resp	180766
Ion	Ratio	Lower	Upper
97	100		
83	90.5	72.4	108.6
85	57.5	46.0	69.0
99	63.0	50.4	75.6





#53

1,3-Dichloropropane

Concen: 9.575 ug/l

RT: 8.60 min Scan# 2258

Delta R.T. 0.00 min

Lab File: VU038000.D

Acq: 04 May 2020 12:39

Instrument :

MSVOA_U

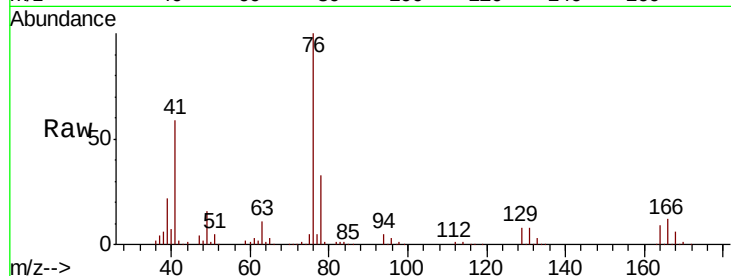
ClientSampleId :

Tot Ion: 76 Resp: 344388

Ion Ratio Lower Upper

76 100

78 32.2 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

200000

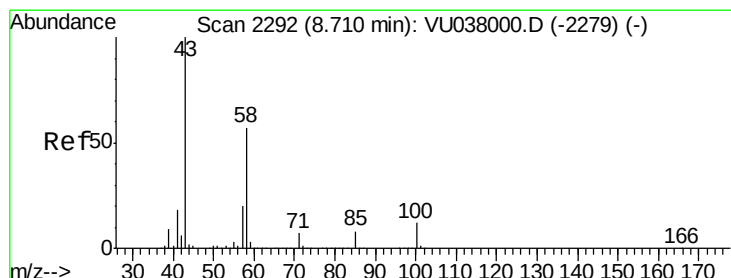
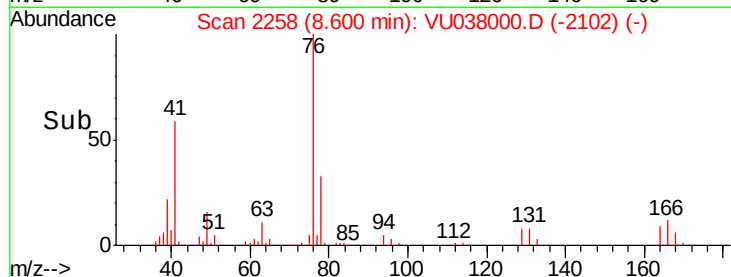
150000

100000

50000

0

Time--> 8.50 8.55 8.60 8.65



#54

2-Hexanone

Concen: 45.107 ug/l

RT: 8.71 min Scan# 2292

Delta R.T. 0.00 min

Lab File: VU038000.D

Acq: 04 May 2020 12:39

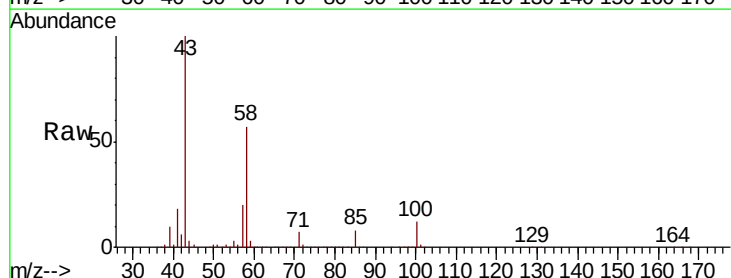
Tgt Ion: 43 Resp: 622019

Ion Ratio Lower Upper

43 100

58 56.5 36.5 76.5

57 19.5 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

500000

400000

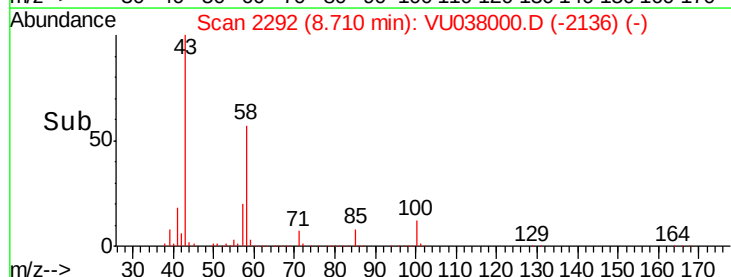
300000

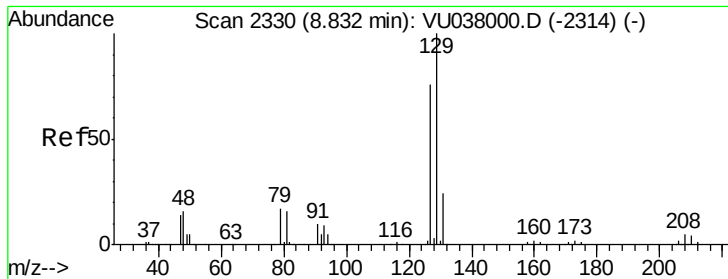
200000

100000

0

Time--> 8.60 8.70 8.80

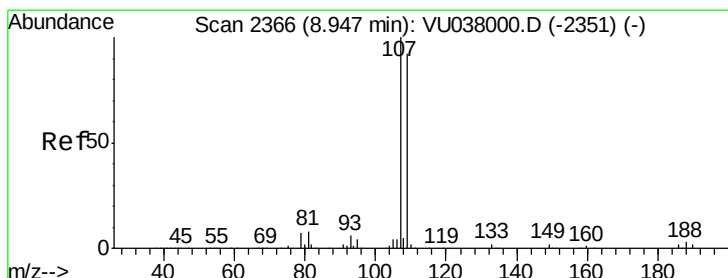
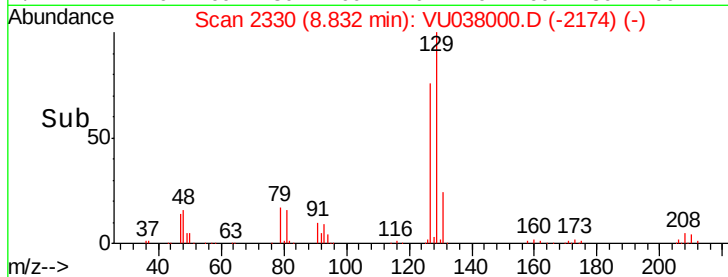
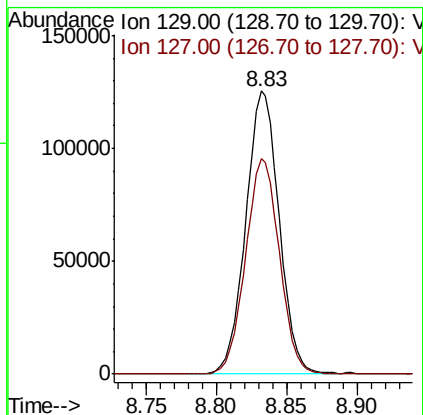
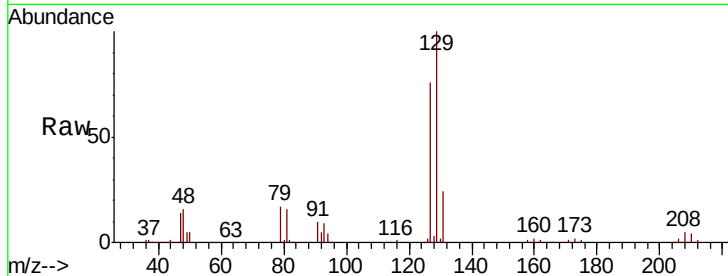




#55
 Dibromochloromethane
 Concen: 8.494 ug/l
 RT: 8.83 min Scan# 2330
 Delta R.T. 0.00 min
 Lab File: VU038000.D
 Acq: 04 May 2020 12:39

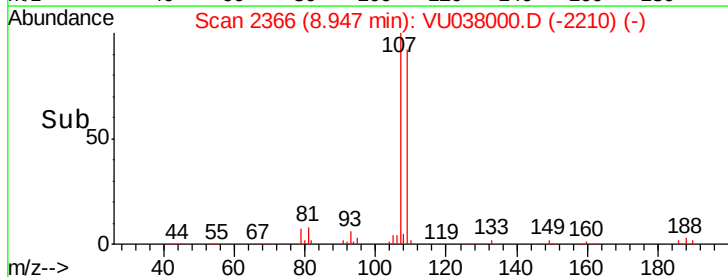
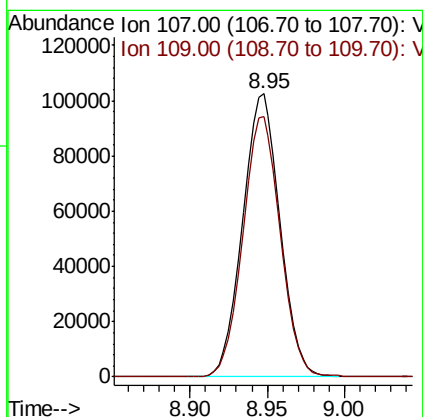
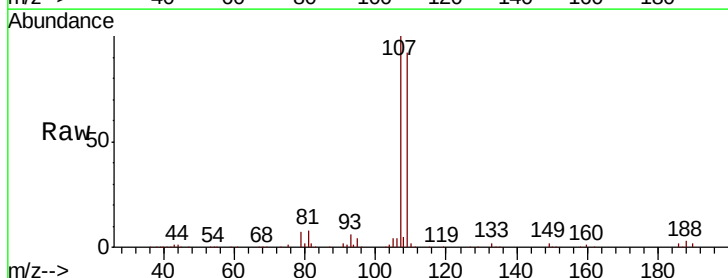
Instrument :
 MSVOA_U
 ClientSampleId :

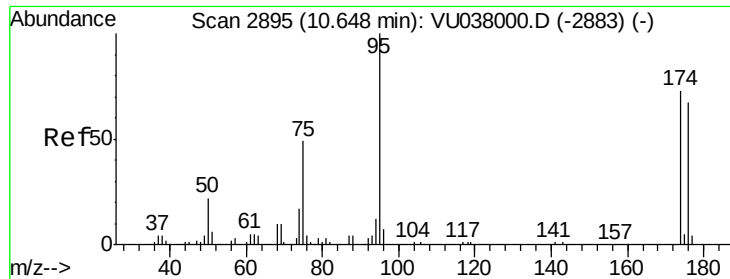
Tot Ion:129 Resp: 207598
 Ion Ratio Lower Upper
 129 100
 127 77.7 62.2 93.2



#56
 1,2-Dibromoethane
 Concen: 9.150 ug/l
 RT: 8.95 min Scan# 2366
 Delta R.T. 0.00 min
 Lab File: VU038000.D
 Acq: 04 May 2020 12:39

Tgt Ion:107 Resp: 172103
 Ion Ratio Lower Upper
 107 100
 109 92.3 0.0 184.6

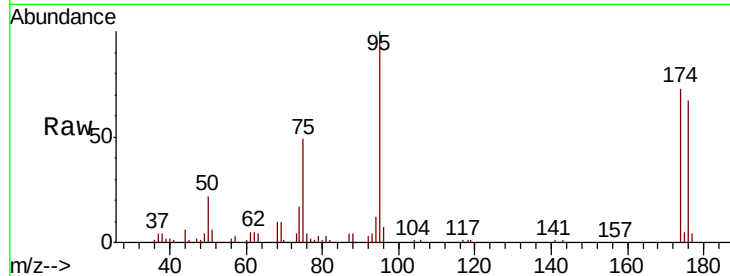




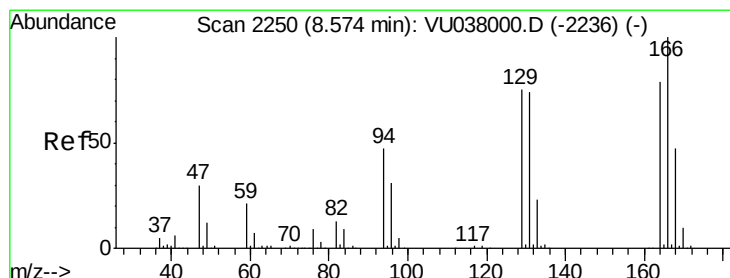
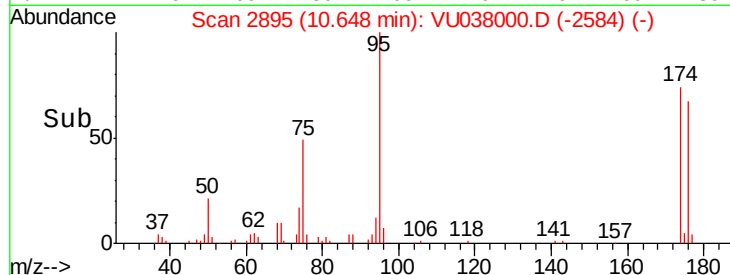
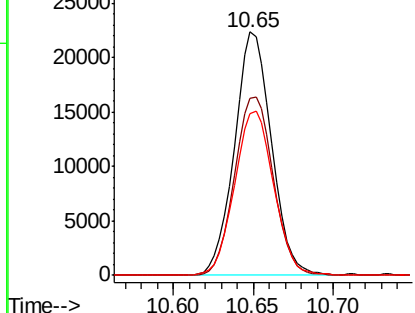
#57
4-Bromofluorobenzene
Concen: 1.007 ug/l
RT: 10.65 min Scan# 2895
Delta R.T. 0.00 min
Lab File: VU038000.D
Acq: 04 May 2020 12:39

Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 95 Resp: 35078
Ion Ratio Lower Upper
95 100
174 76.5 61.2 91.8
176 71.4 57.1 85.7

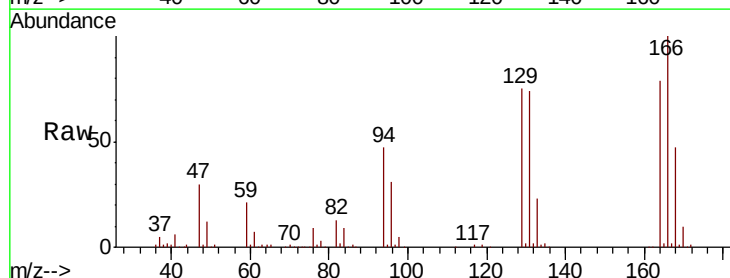


Abundance Ion 95.00 (94.70 to 95.70): VU038000.D (-2883) (-)
Ion 174.00 (173.70 to 174.70): VU038000.D (-2883) (-)
Ion 176.00 (175.70 to 176.70): VU038000.D (-2883) (-)

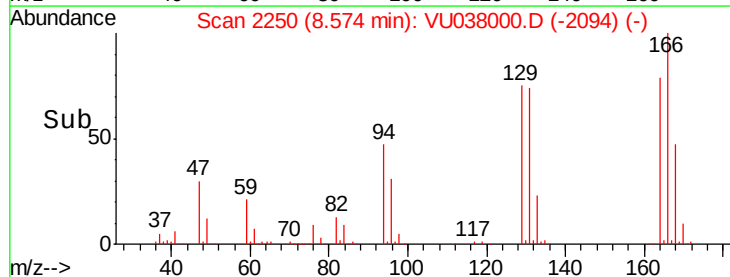
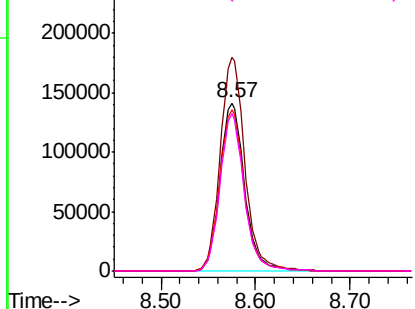


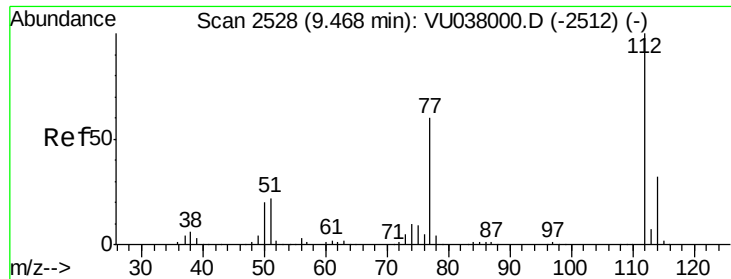
#58
Tetrachloroethene
Concen: 9.608 ug/l
RT: 8.57 min Scan# 2250
Delta R.T. 0.00 min
Lab File: VU038000.D
Acq: 04 May 2020 12:39

Tgt Ion: 164 Resp: 256322
Ion Ratio Lower Upper
164 100
166 126.9 101.5 152.3
129 95.7 76.6 114.8
131 93.7 75.0 112.4



Abundance Ion 163.85 (163.55 to 164.55): VU038000.D (-2236) (-)
Ion 165.80 (165.50 to 166.50): VU038000.D (-2236) (-)
Ion 128.90 (128.60 to 129.60): VU038000.D (-2236) (-)
Ion 130.90 (130.60 to 131.60): VU038000.D (-2236) (-)

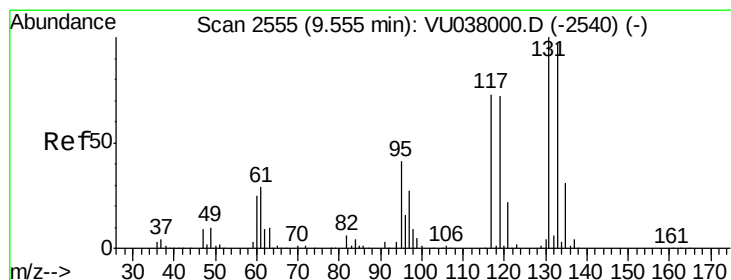
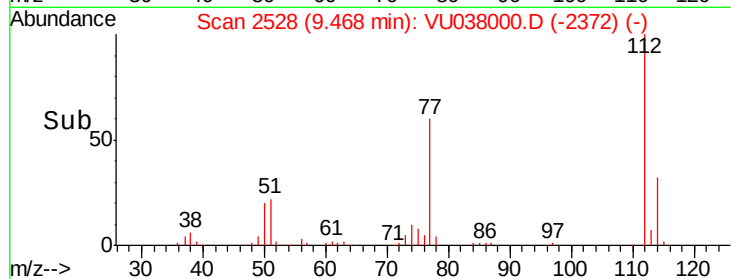
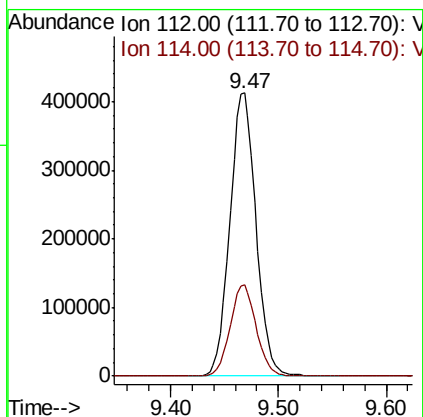
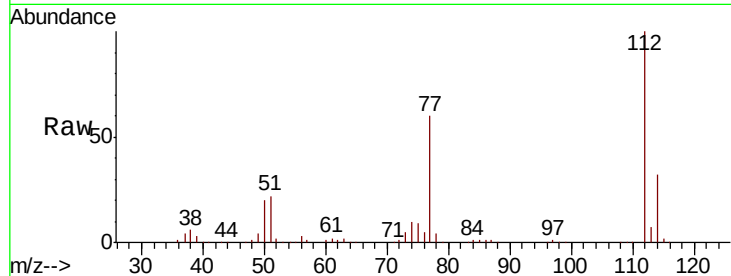




#59
Chlorobenzene
Concen: 9.603 ug/l
RT: 9.47 min Scan# 2528
Delta R.T. 0.00 min
Lab File: VU038000.D
Acq: 04 May 2020 12:39

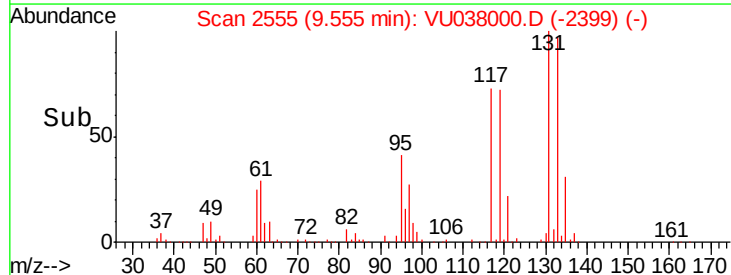
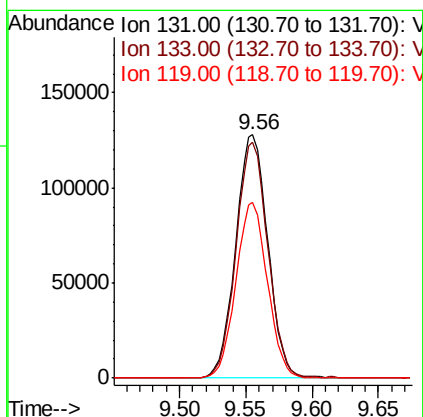
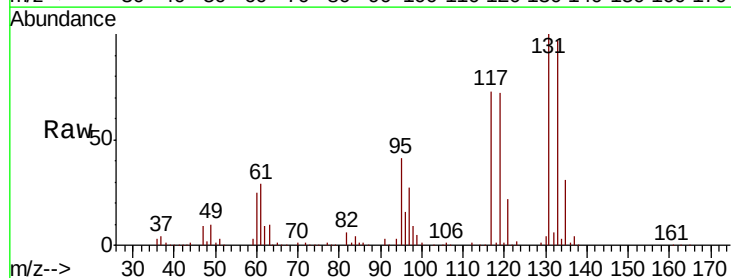
Instrument :
MSVOA_U
ClientSampleId :

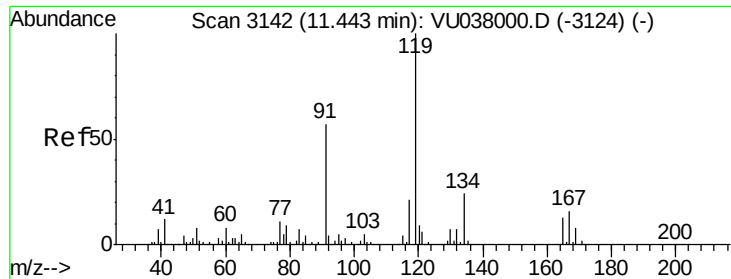
Tot Ion:112 Resp: 698198
Ion Ratio Lower Upper
112 100
114 32.1 25.7 38.5



#60
1,1,1,2-Tetrachloroethane
Concen: 8.353 ug/l
RT: 9.56 min Scan# 2555
Delta R.T. 0.00 min
Lab File: VU038000.D
Acq: 04 May 2020 12:39

Tgt Ion:131 Resp: 215763
Ion Ratio Lower Upper
131 100
133 96.0 76.8 115.2
119 70.9 56.7 85.1

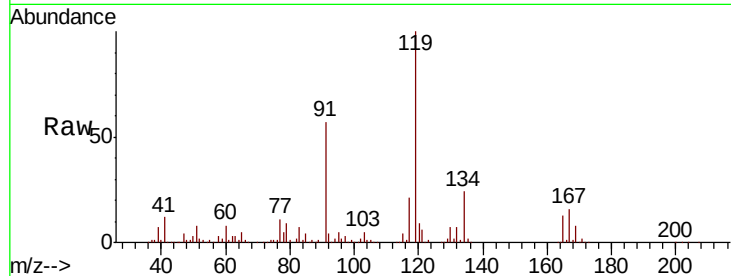




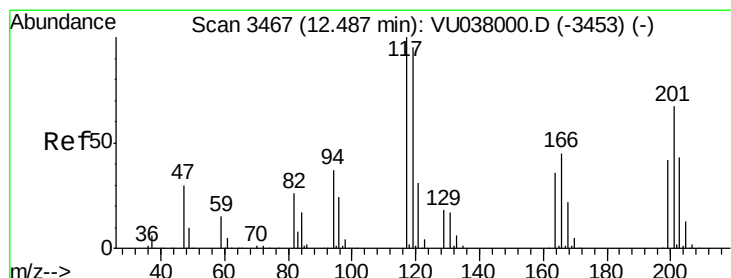
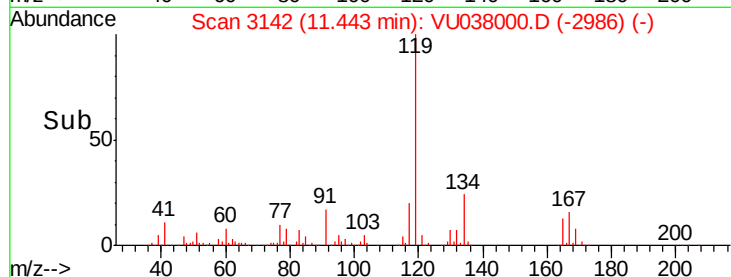
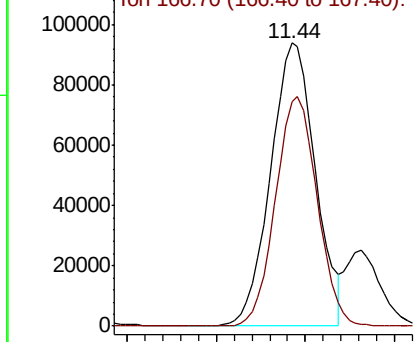
#61
 Pentachloroethane
 Concen: 8.322 ug/l
 RT: 11.44 min Scan# 3142
 Delta R.T. 0.00 min
 Lab File: VU038000.D
 Acq: 04 May 2020 12:39

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion:117 Resp: 164131
 Ion Ratio Lower Upper
 117 100
 167 75.4 60.3 90.5

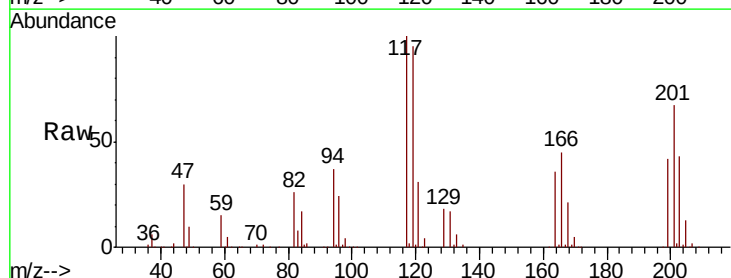


Abundance Ion 116.80 (116.50 to 117.50): V
 Ion 166.70 (166.40 to 167.40): V

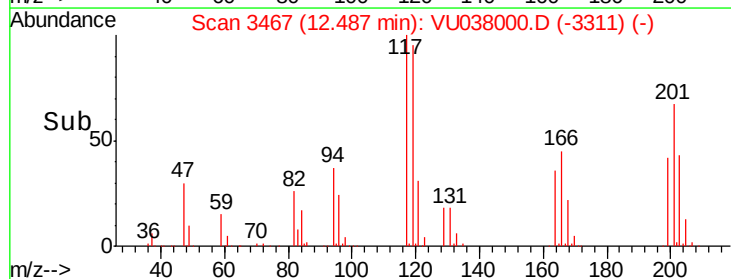
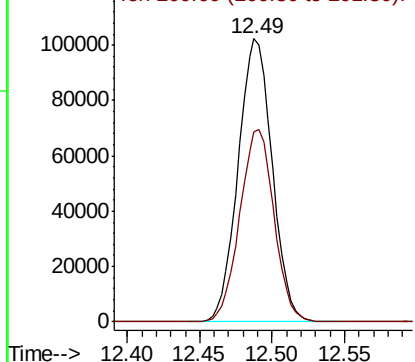


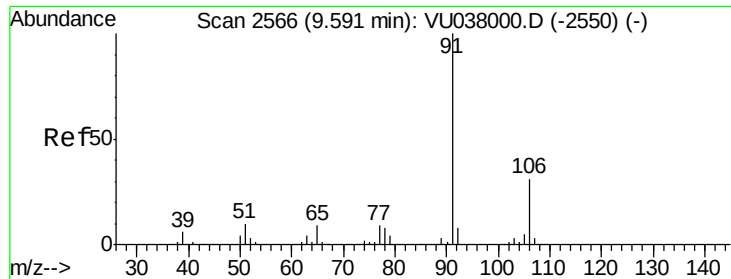
#62
 Hexachloroethane
 Concen: 7.987 ug/l
 RT: 12.49 min Scan# 3467
 Delta R.T. 0.00 min
 Lab File: VU038000.D
 Acq: 04 May 2020 12:39

Tgt Ion:117 Resp: 167287
 Ion Ratio Lower Upper
 117 100
 201 68.4 54.7 82.1



Abundance Ion 116.80 (116.50 to 117.50): V
 Ion 200.60 (200.30 to 201.30): V

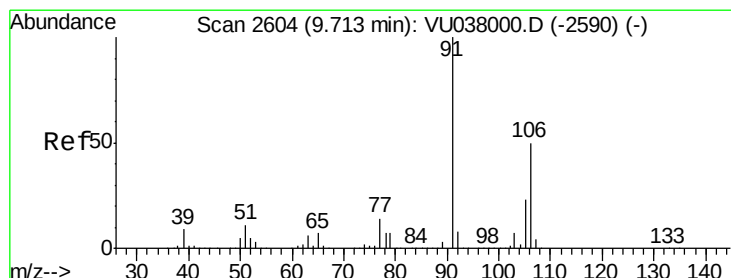
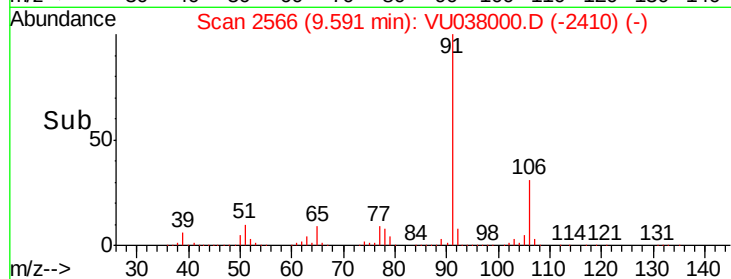
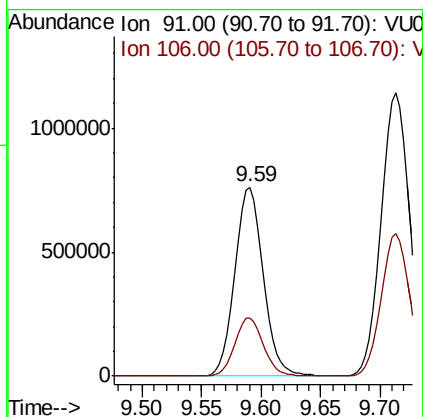
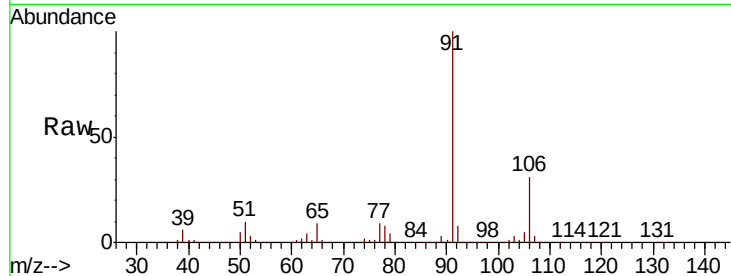




#63
Ethyl Benzene
Concen: 10.201 ug/l
RT: 9.59 min Scan# 2566
Delta R.T. 0.00 min
Lab File: VU038000.D
Acq: 04 May 2020 12:39

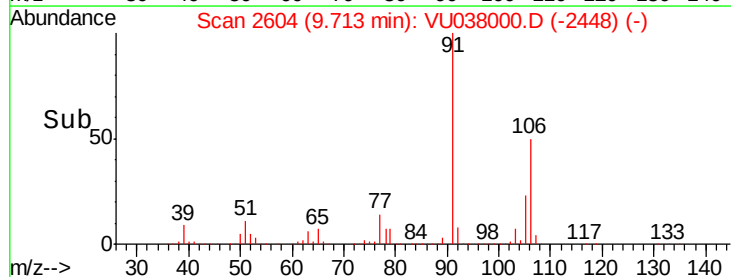
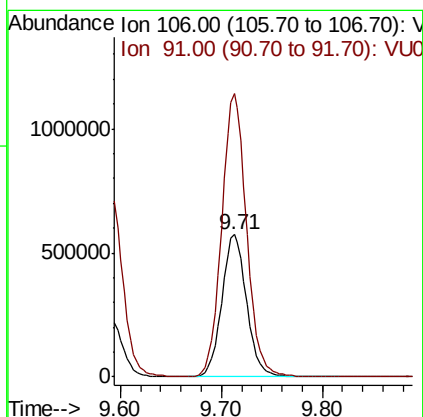
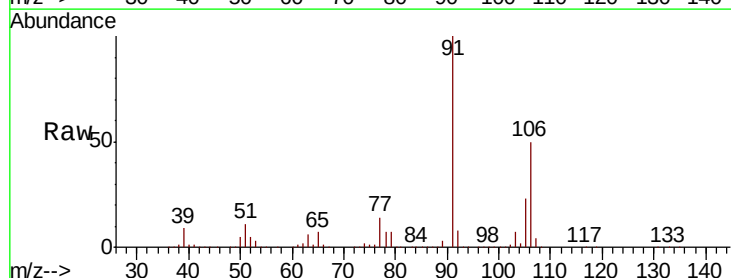
Instrument :
MSVOA_U
ClientSampleId :

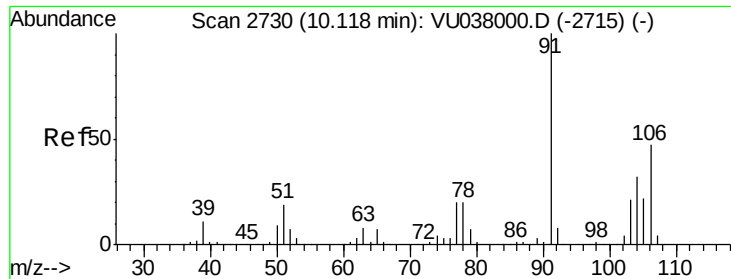
Tot Ion: 91 Resp: 1265479
Ion Ratio Lower Upper
91 100
106 31.1 24.9 37.3



#64
m/p-Xylenes
Concen: 20.878 ug/l
RT: 9.71 min Scan# 2604
Delta R.T. 0.00 min
Lab File: VU038000.D
Acq: 04 May 2020 12:39

Tgt Ion: 106 Resp: 980571
Ion Ratio Lower Upper
106 100
91 199.4 159.5 239.3

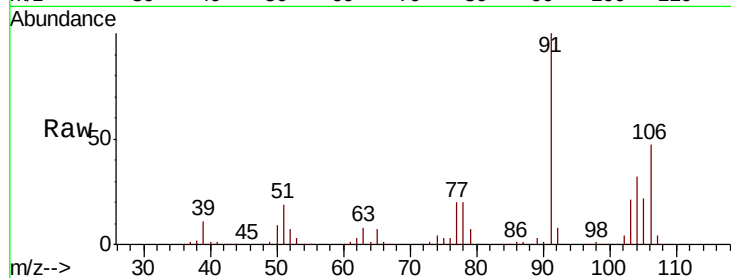




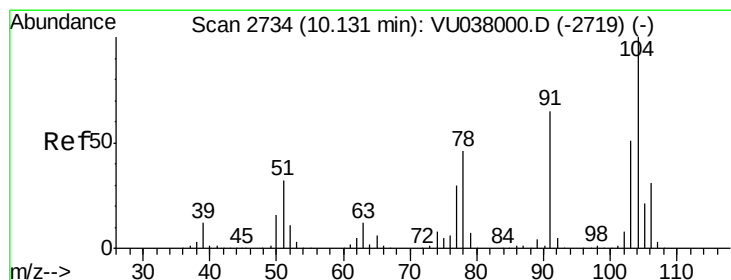
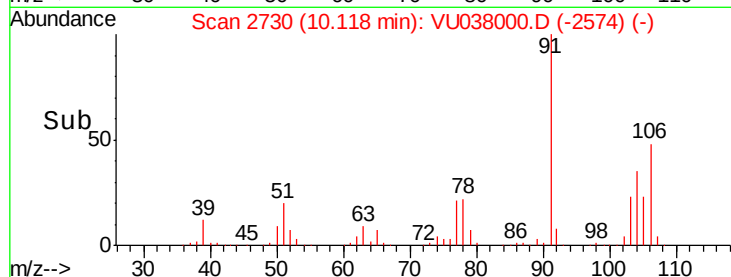
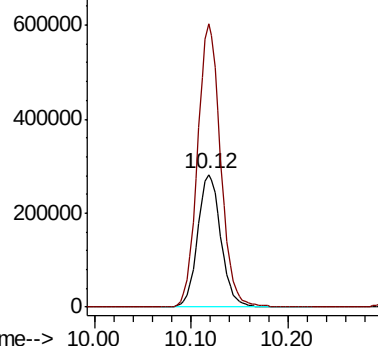
#65
o-Xylene
Concen: 10.366 ug/l
RT: 10.12 min Scan# 2730
Delta R.T. 0.00 min
Lab File: VU038000.D
Acq: 04 May 2020 12:39

Instrument :
MSVOA_U
ClientSampled :

Tot Ion:106 Resp: 470999
Ion Ratio Lower Upper
106 100
91 211.3 105.7 317.0

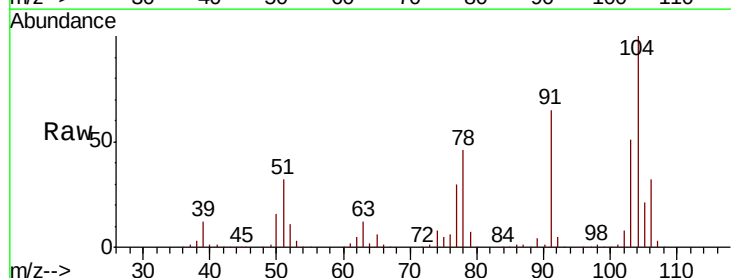


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

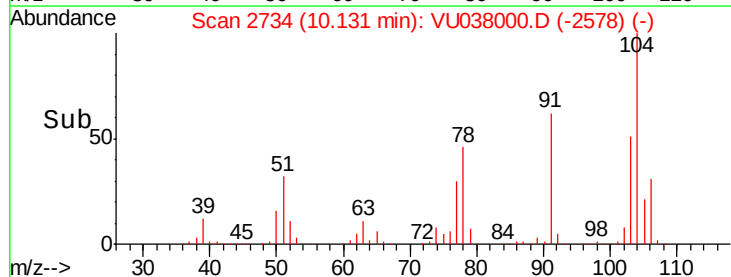
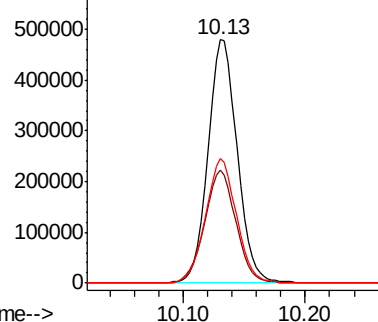


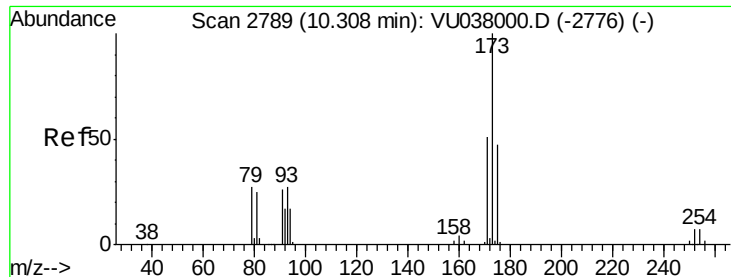
#66
Styrene
Concen: 10.731 ug/l
RT: 10.13 min Scan# 2734
Delta R.T. 0.00 min
Lab File: VU038000.D
Acq: 04 May 2020 12:39

Tgt Ion:104 Resp: 796639
Ion Ratio Lower Upper
104 100
78 49.9 39.9 59.9
103 54.3 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: 8.685 ug/l

RT: 10.31 min Scan# 2789

Delta R.T. 0.00 min

Lab File: VU038000.D

Acq: 04 May 2020 12:39

Instrument :

MSVOA_U

ClientSampled :

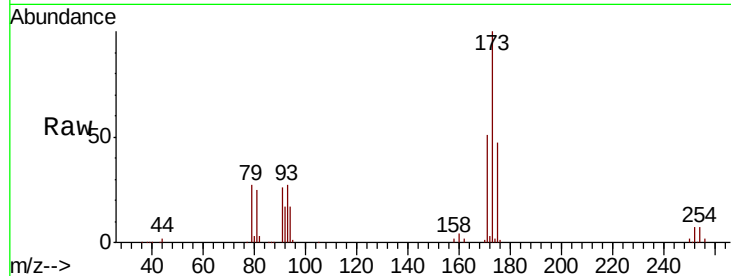
Tot Ion:173 Resp: 111384

Ion Ratio Lower Upper

173 100

175 47.0 37.6 56.4

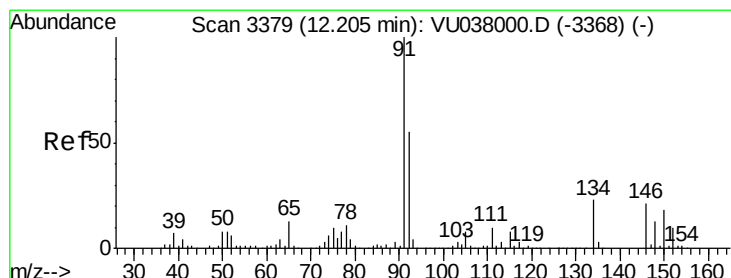
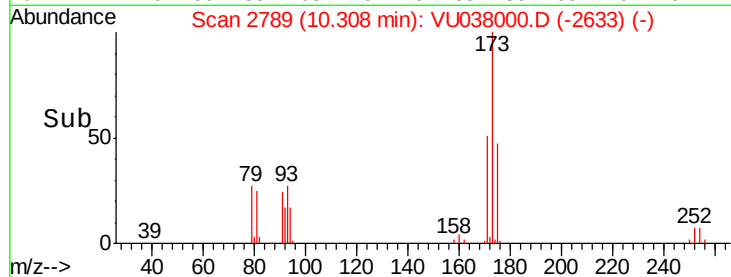
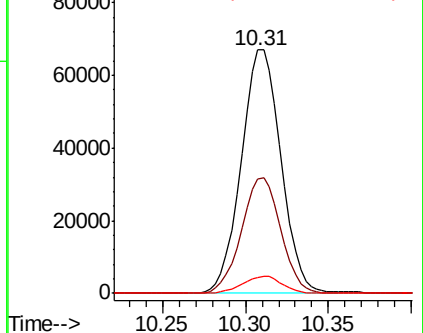
254 6.9 5.5 8.3



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: 0.944 ug/l

RT: 12.20 min Scan# 3379

Delta R.T. 0.00 min

Lab File: VU038000.D

Acq: 04 May 2020 12:39

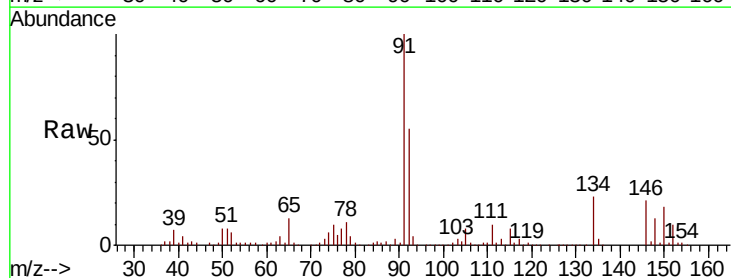
Tgt Ion:152 Resp: 33024

Ion Ratio Lower Upper

152 100

115 130.5 0.0 261.0

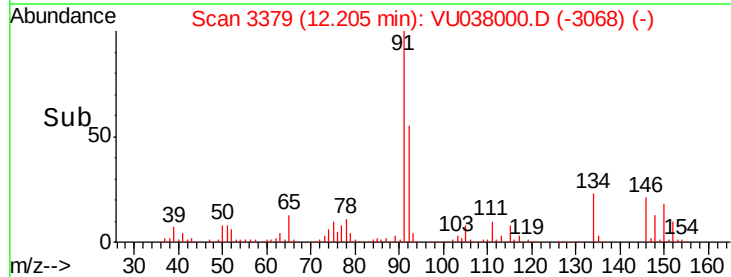
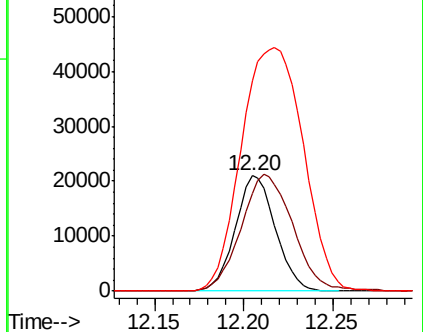
150 325.1 0.0 650.2

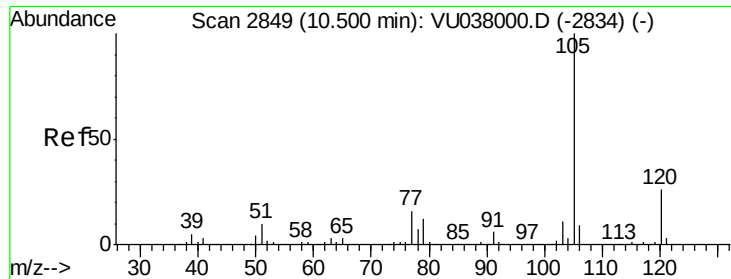


Abundance Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V





#69

Isopropylbenzene

Concen: 10.113 ug/l

RT: 10.50 min Scan# 2849

Delta R.T. 0.00 min

Lab File: VU038000.D

Acq: 04 May 2020 12:39

Instrument :

MSVOA_U

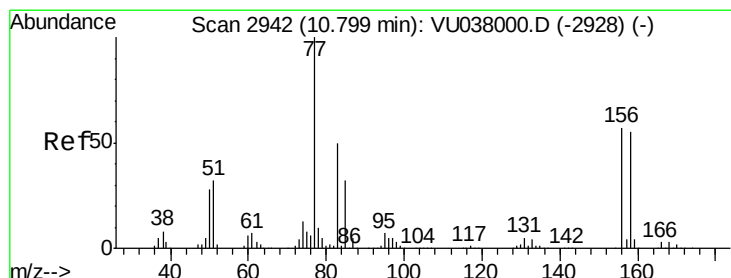
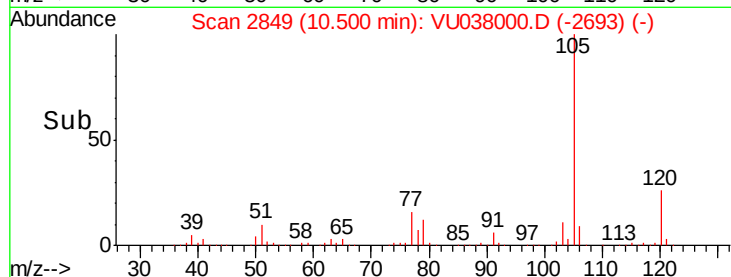
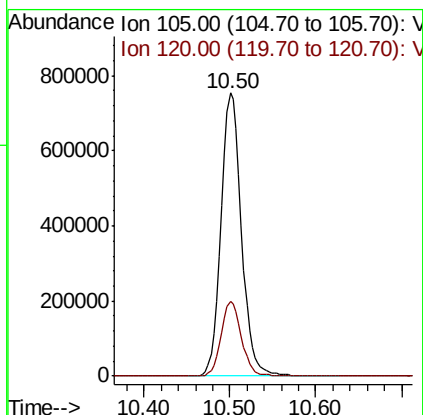
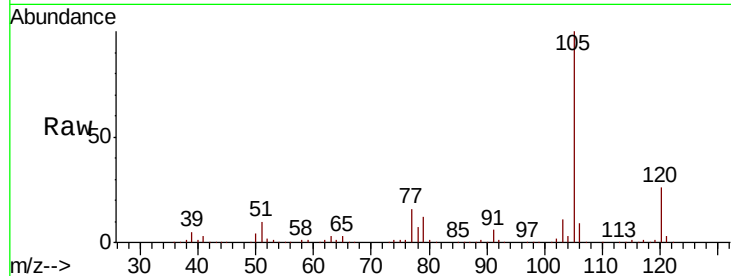
ClientSampleId :

Tot Ion:105 Resp: 1247957

Ion Ratio Lower Upper

105 100

120 26.2 13.1 39.3



#70

1,1,2,2-Tetrachloroethane

Concen: 8.988 ug/l

RT: 10.80 min Scan# 2942

Delta R.T. 0.00 min

Lab File: VU038000.D

Acq: 04 May 2020 12:39

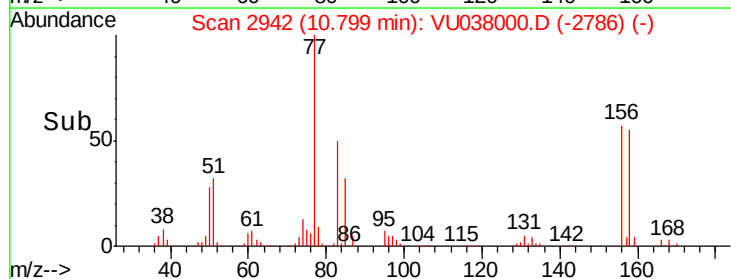
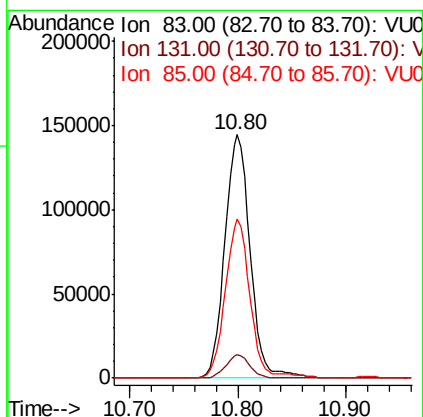
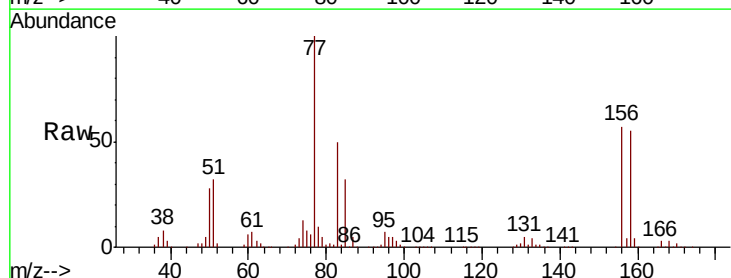
Tgt Ion: 83 Resp: 236460

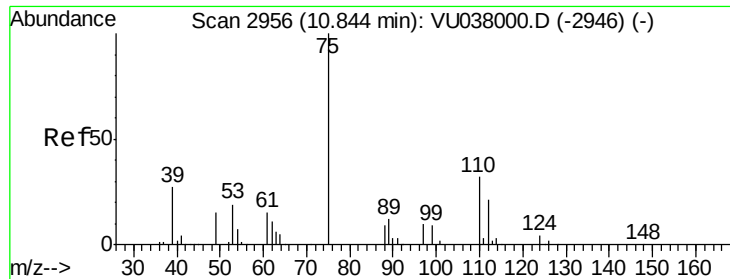
Ion Ratio Lower Upper

83 100

131 9.0 7.2 10.8

85 62.5 50.0 75.0

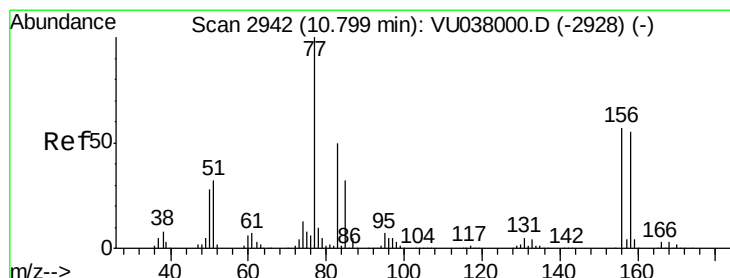
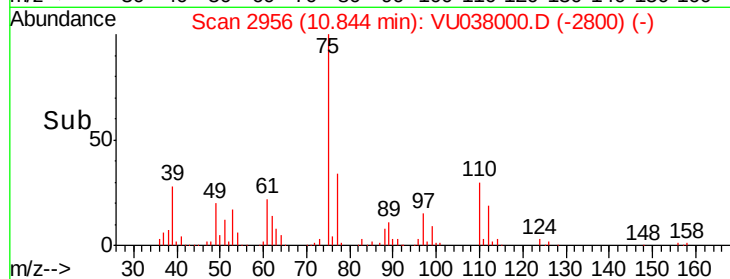
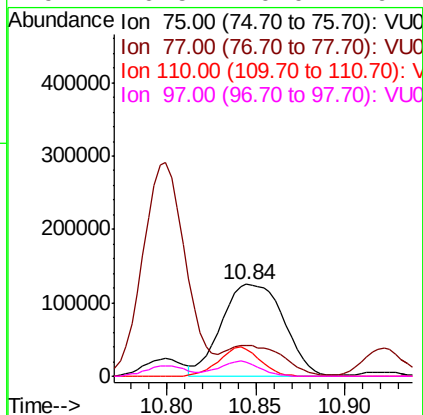
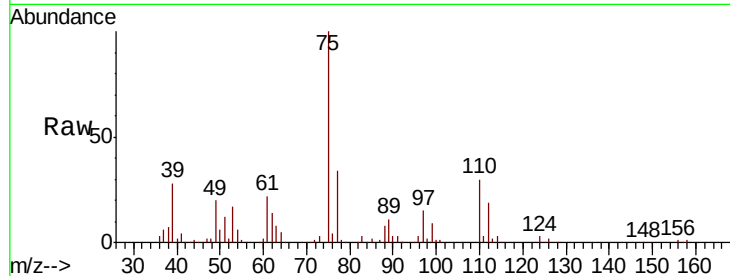




#71
 1,2,3-Trichloropropane
 Concen: 14.716 ug/l
 RT: 10.84 min Scan# 2956
 Delta R.T. 0.00 min
 Lab File: VU038000.D
 Acq: 04 May 2020 12:39

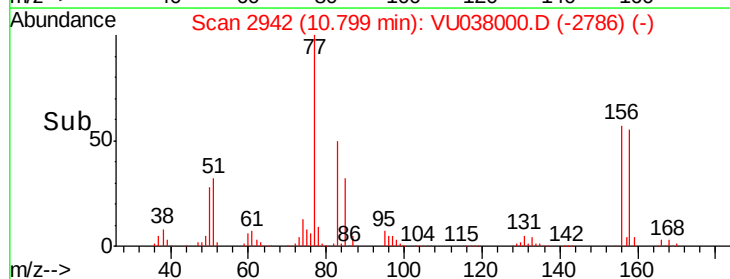
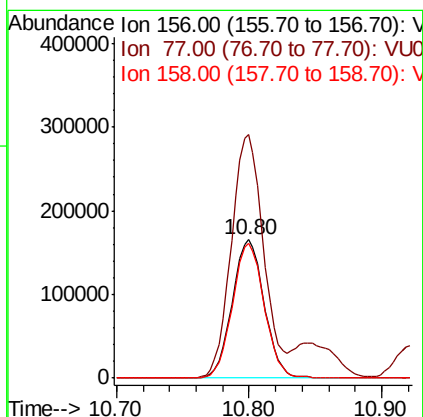
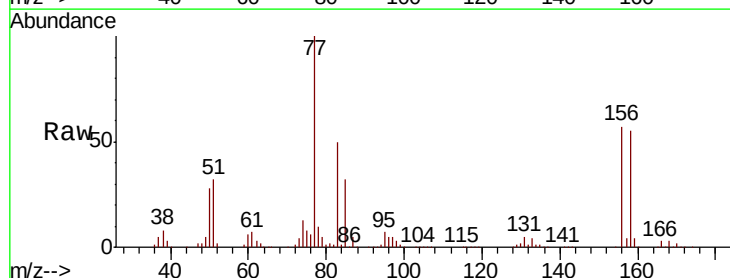
Instrument :
 MSVOA_U
 ClientSampled :

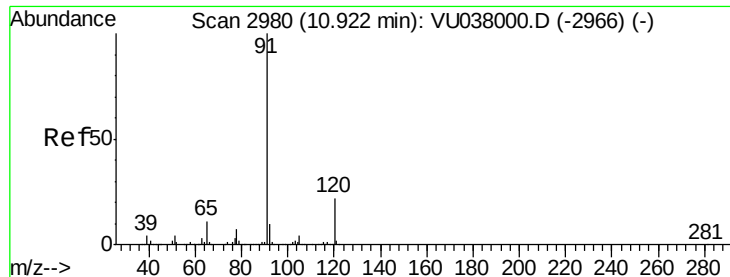
Tot Ion:	75	Resp:	305274
Ion	Ratio	Lower	Upper
75	100		
77	28.3	0.0	108.6
110	20.6	0.0	79.4
97	10.5	0.0	40.4



#72
 Bromobenzene
 Concen: 9.266 ug/l
 RT: 10.80 min Scan# 2942
 Delta R.T. 0.00 min
 Lab File: VU038000.D
 Acq: 04 May 2020 12:39

Tgt Ion:	156	Resp:	276689
Ion	Ratio	Lower	Upper
156	100		
77	177.8	0.0	355.6
158	97.0	0.0	194.0





#73

n-propylbenzene

Concen: 10.610 ug/l

RT: 10.92 min Scan# 2980

Delta R.T. 0.00 min

Lab File: VU038000.D

Acq: 04 May 2020 12:39

Instrument :

MSVOA_U

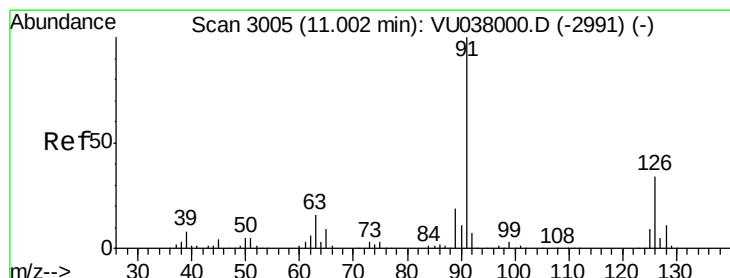
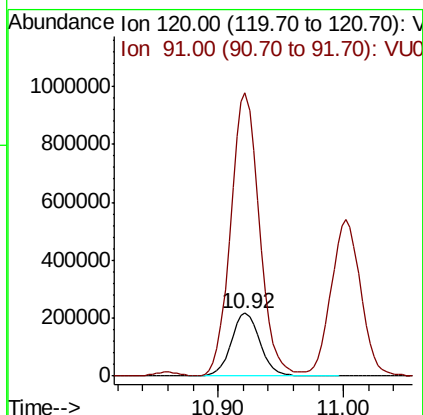
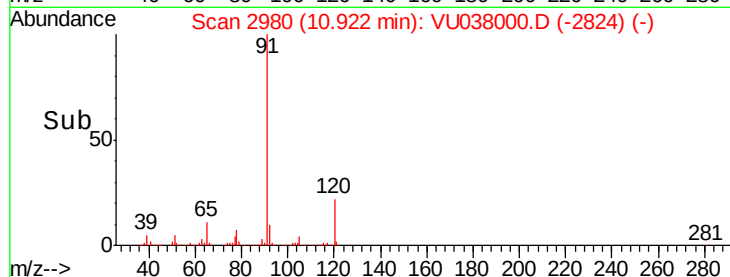
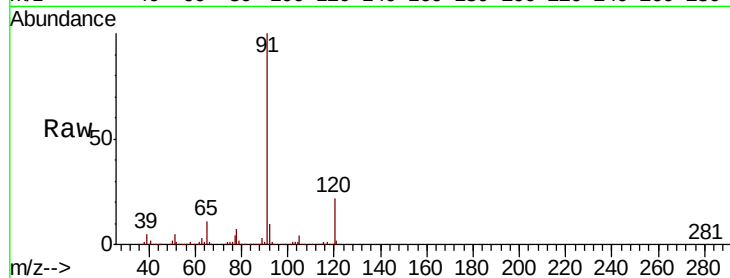
ClientSampleId :

Tot Ion:120 Resp: 347844

Ion Ratio Lower Upper

120 100

91 444.2 355.4 533.0



#74

2-Chlorotoluene

Concen: 9.619 ug/l

RT: 11.00 min Scan# 3005

Delta R.T. 0.00 min

Lab File: VU038000.D

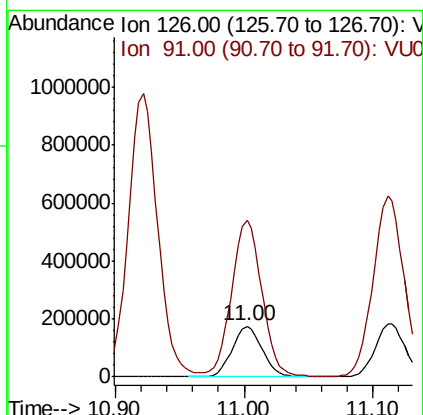
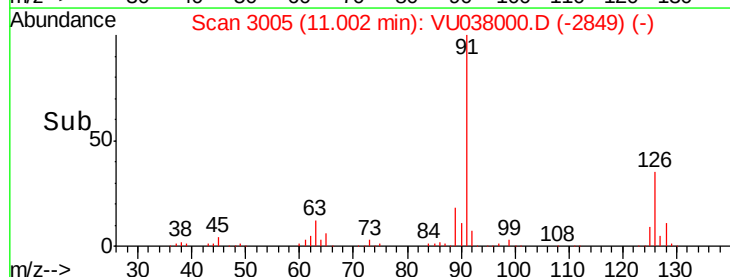
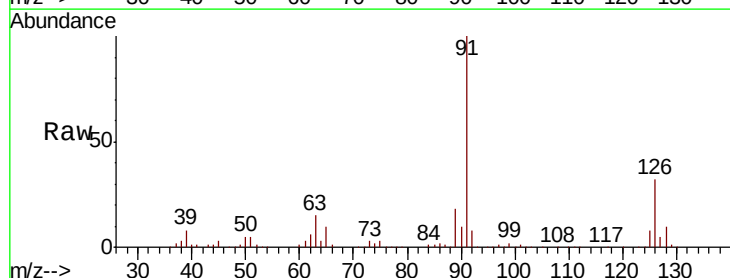
Acq: 04 May 2020 12:39

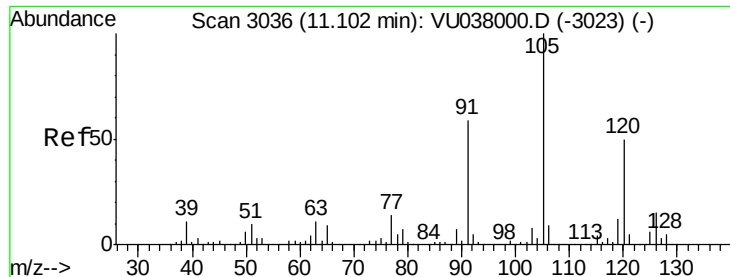
Tgt Ion:126 Resp: 282184

Ion Ratio Lower Upper

126 100

91 312.9 0.0 625.8





#75

1,3,5-Trimethylbenzene

Concen: 9.817 ug/l

RT: 11.10 min Scan# 3036

Delta R.T. 0.00 min

Lab File: VU038000.D

Acq: 04 May 2020 12:39

Instrument :

MSVOA_U

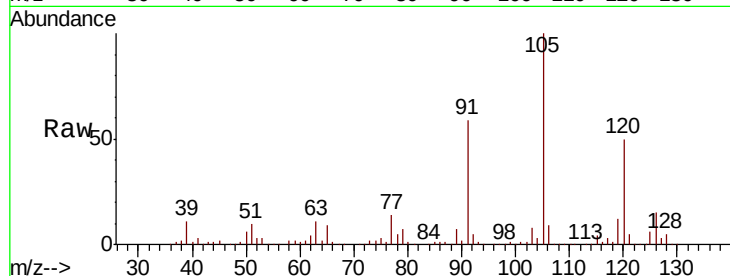
ClientSampled :

Tot Ion:105 Resp: 1037709

Ion Ratio Lower Upper

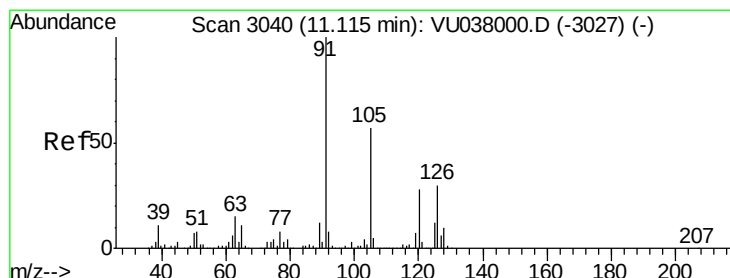
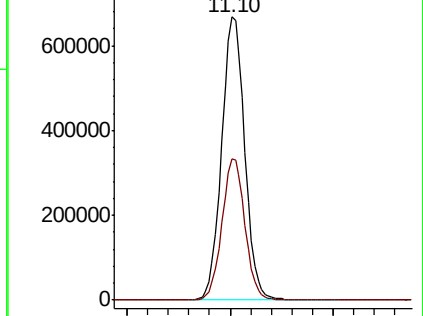
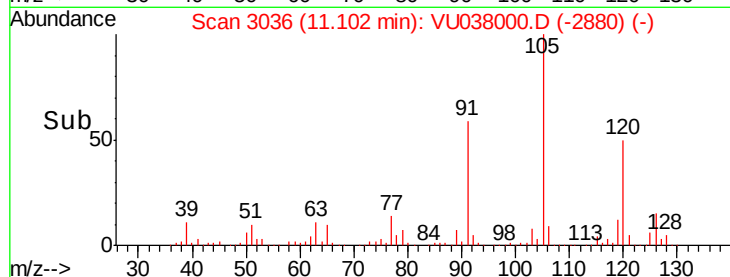
105 100

120 49.7 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: 9.992 ug/l

RT: 11.11 min Scan# 3040

Delta R.T. 0.00 min

Lab File: VU038000.D

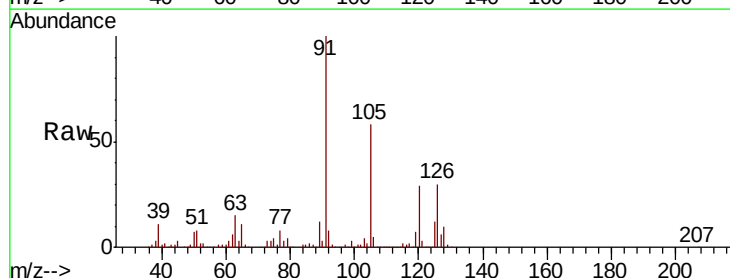
Acq: 04 May 2020 12:39

Tgt Ion:126 Resp: 296558

Ion Ratio Lower Upper

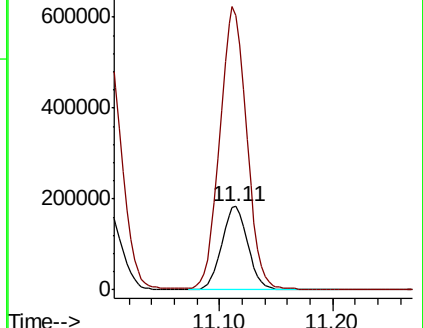
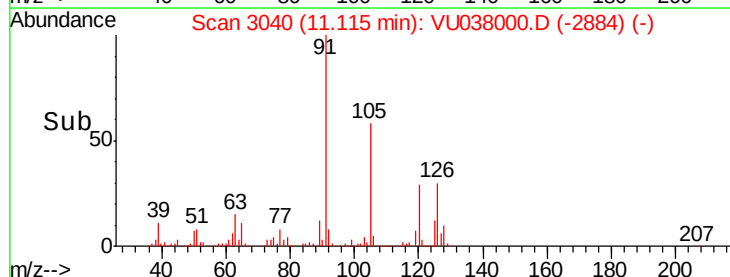
126 100

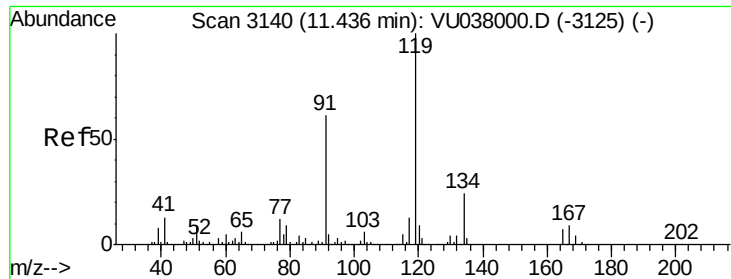
91 349.3 0.0 698.6



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0

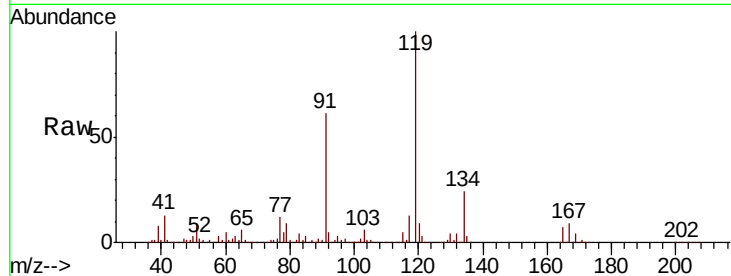




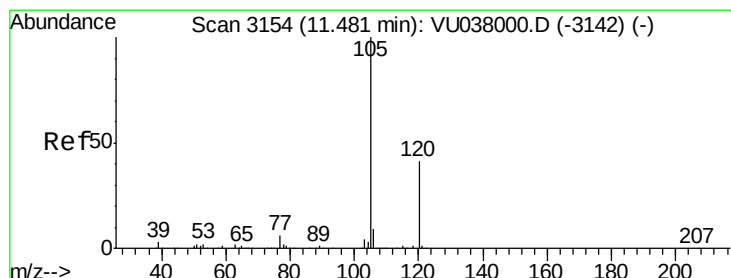
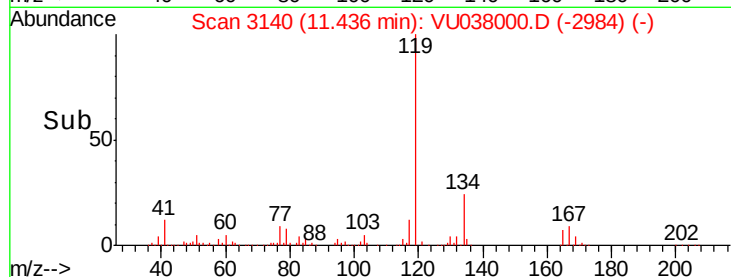
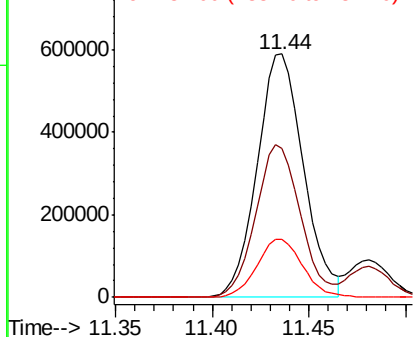
#77
 tert-Butylbenzene
 Concen: 9.514 ug/l
 RT: 11.44 min Scan# 3140
 Delta R.T. 0.00 min
 Lab File: VU038000.D
 Acq: 04 May 2020 12:39

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion:119 Resp: 981263
 Ion Ratio Lower Upper
 119 100
 91 60.3 30.1 90.5
 134 23.8 19.0 28.6

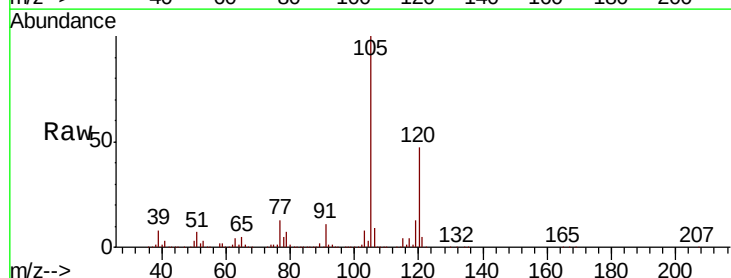


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VU0
 Ion 134.00 (133.70 to 134.70): V

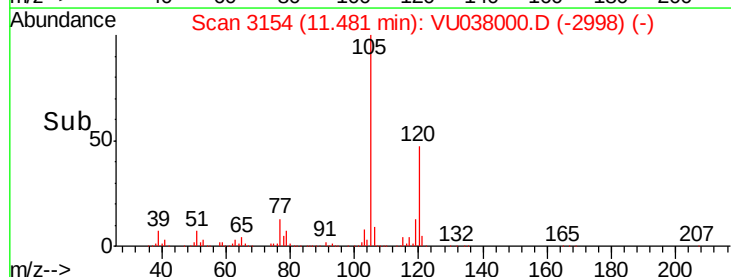
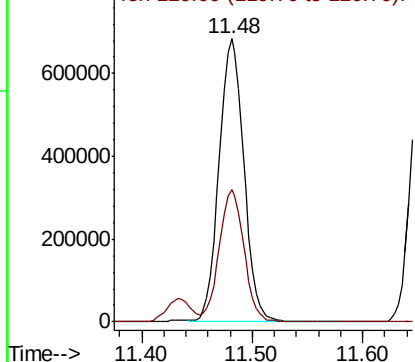


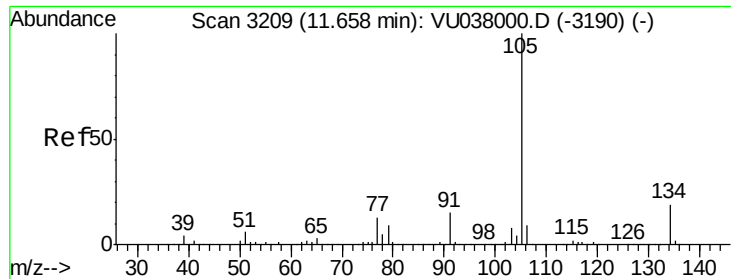
#78
 1,2,4-Trimethylbenzene
 Concen: 10.016 ug/l
 RT: 11.48 min Scan# 3154
 Delta R.T. 0.00 min
 Lab File: VU038000.D
 Acq: 04 May 2020 12:39

Tgt Ion:105 Resp: 1066672
 Ion Ratio Lower Upper
 105 100
 120 46.7 23.4 70.0



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

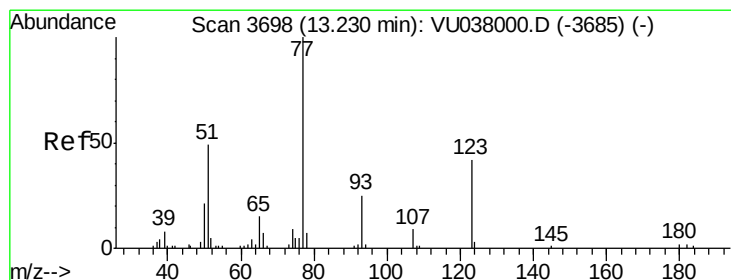
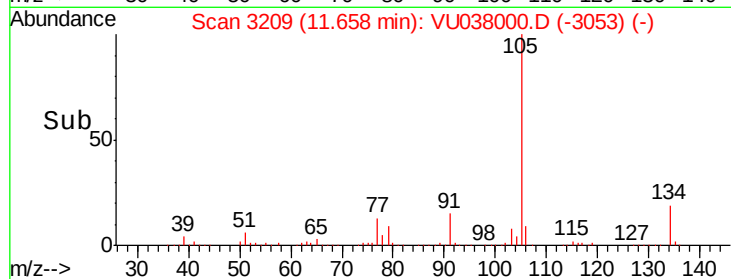
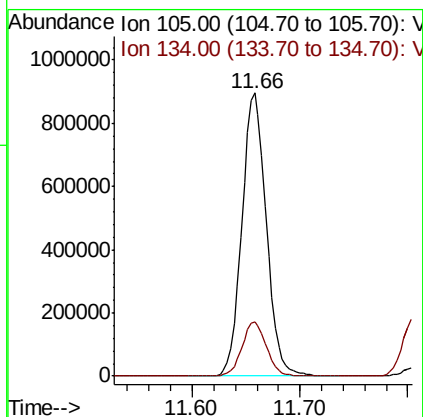
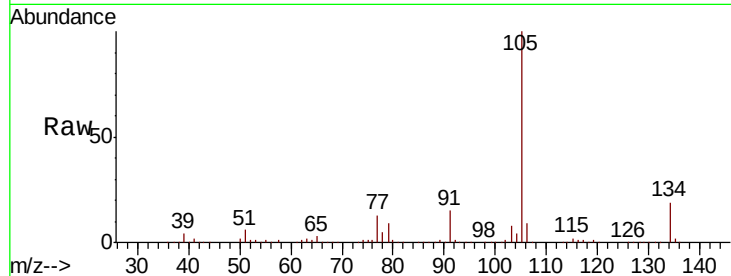




#79
 sec-Butylbenzene
 Concen: 9.977 ug/l
 RT: 11.66 min Scan# 3209
 Delta R.T. 0.00 min
 Lab File: VU038000.D
 Acq: 04 May 2020 12:39

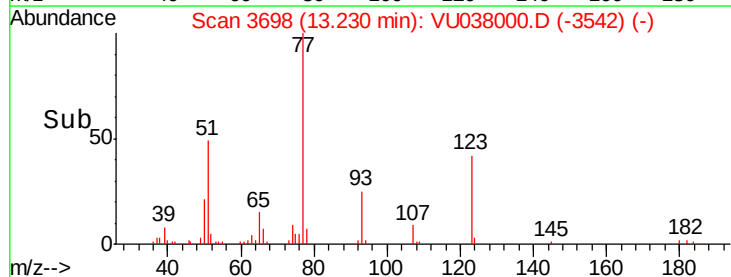
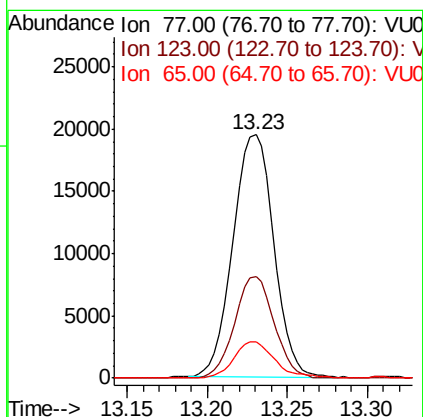
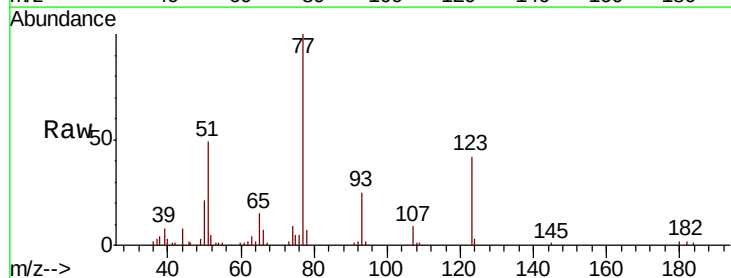
Instrument :
 MSVOA_U
 ClientSampled :

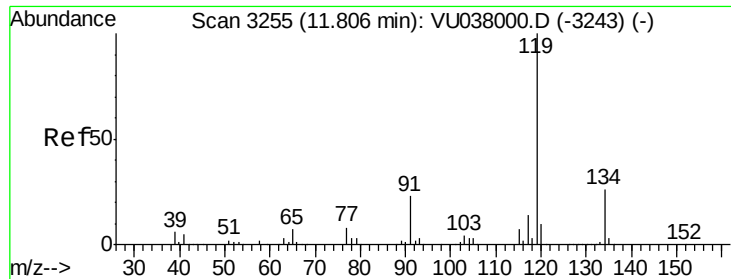
Tot Ion:105 Resp: 1410374
 Ion Ratio Lower Upper
 105 100
 134 19.2 15.4 23.0



#80
 Nitrobenzene
 Concen: 56.773 ug/l
 RT: 13.23 min Scan# 3698
 Delta R.T. 0.00 min
 Lab File: VU038000.D
 Acq: 04 May 2020 12:39

Tgt Ion: 77 Resp: 34046
 Ion Ratio Lower Upper
 77 100
 123 40.1 17.6 62.6
 65 15.0 13.2 16.8

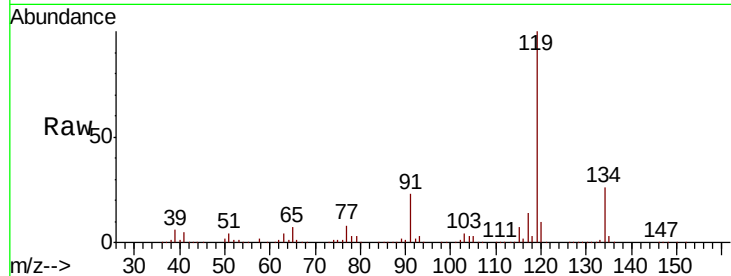




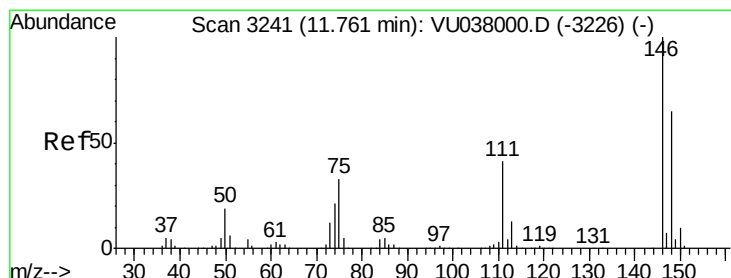
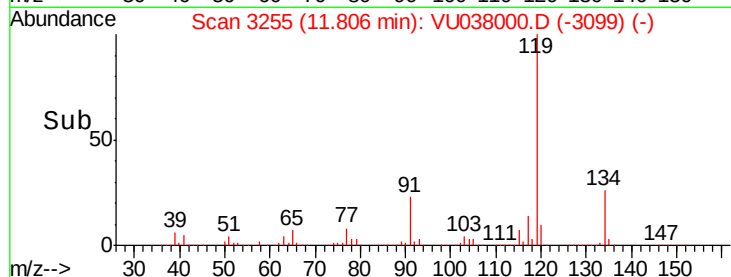
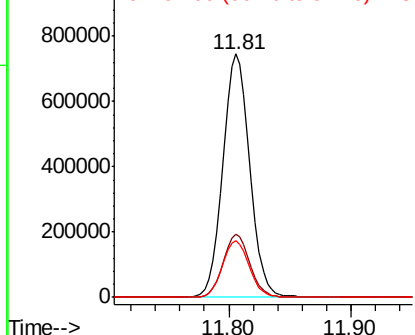
#81
 p-Isopropyltoluene
 Concen: 10.375 ug/l
 RT: 11.81 min Scan# 3255
 Delta R.T. 0.00 min
 Lab File: VU038000.D
 Acq: 04 May 2020 12:39

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion:119 Resp: 1153861
 Ion Ratio Lower Upper
 119 100
 134 25.8 20.6 31.0
 91 23.3 18.6 28.0

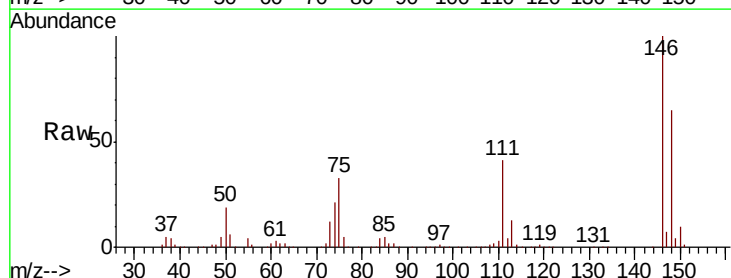


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V

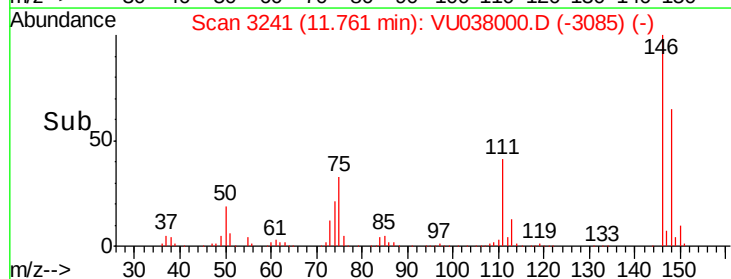
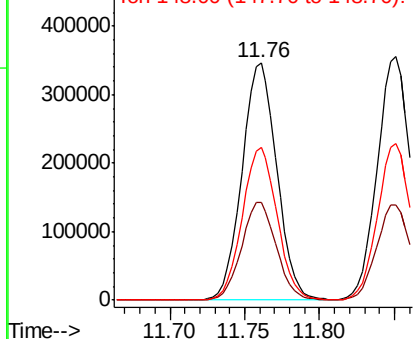


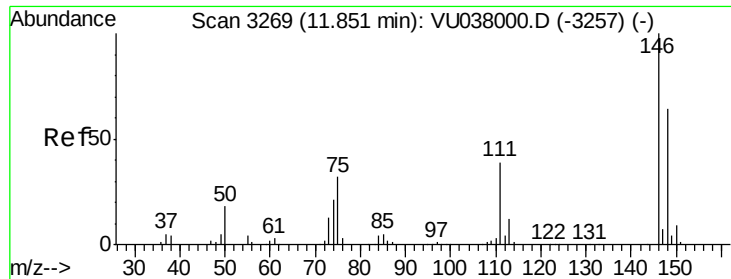
#82
 1,3-Dichlorobenzene
 Concen: 9.533 ug/l
 RT: 11.76 min Scan# 3241
 Delta R.T. 0.00 min
 Lab File: VU038000.D
 Acq: 04 May 2020 12:39

Tgt Ion:146 Resp: 562232
 Ion Ratio Lower Upper
 146 100
 111 41.2 33.0 49.4
 148 64.3 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

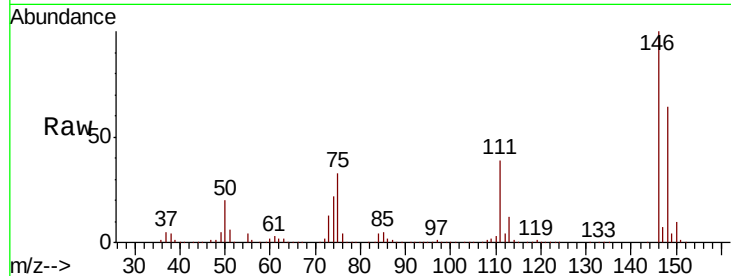




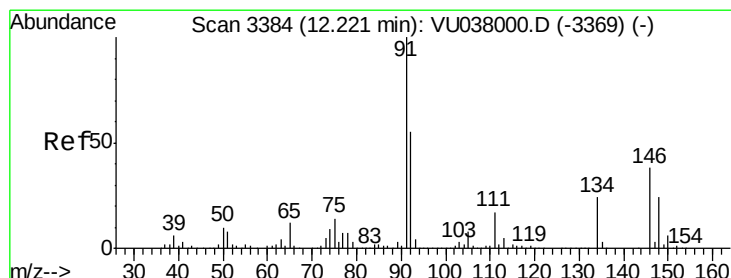
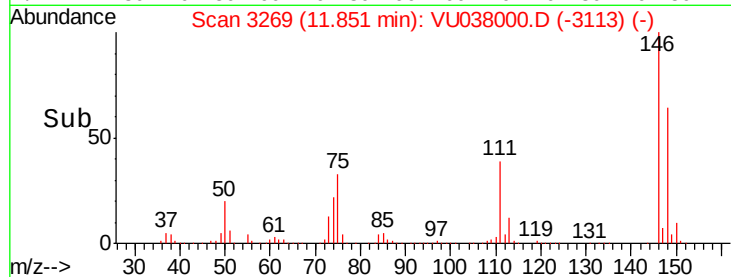
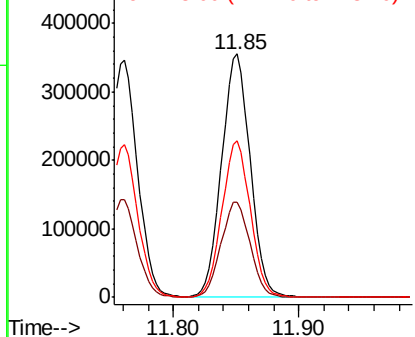
#83
 1,4-Dichlorobenzene
 Concen: 9.420 ug/l
 RT: 11.85 min Scan# 3269
 Delta R.T. 0.00 min
 Lab File: VU038000.D
 Acq: 04 May 2020 12:39

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion:146 Resp: 562541
 Ion Ratio Lower Upper
 146 100
 111 39.7 31.8 47.6
 148 64.0 51.2 76.8

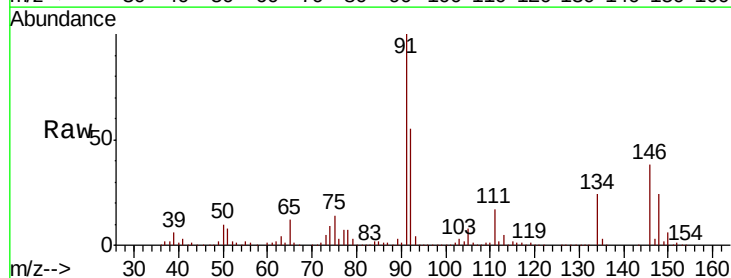


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

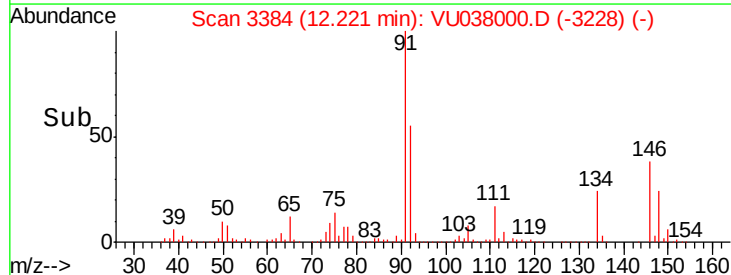
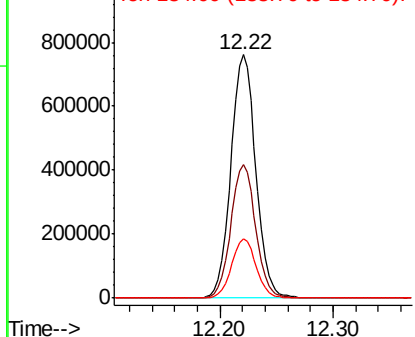


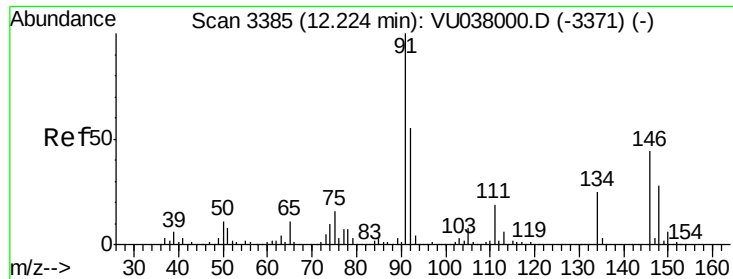
#84
 n-Butylbenzene
 Concen: 10.940 ug/l
 RT: 12.22 min Scan# 3384
 Delta R.T. 0.00 min
 Lab File: VU038000.D
 Acq: 04 May 2020 12:39

Tgt Ion: 91 Resp: 1164121
 Ion Ratio Lower Upper
 91 100
 92 54.7 43.8 65.6
 134 24.3 19.4 29.2



Abundance Ion 91.00 (90.70 to 91.70): VU0
 Ion 92.00 (91.70 to 92.70): VU0
 Ion 134.00 (133.70 to 134.70): V

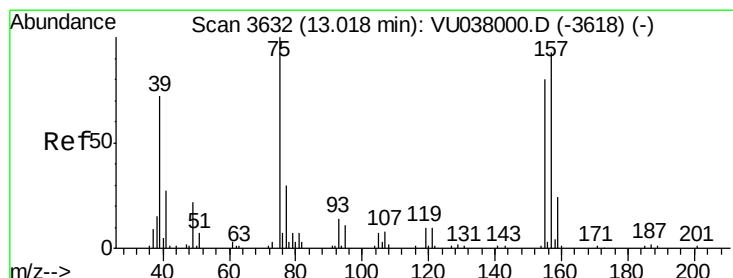
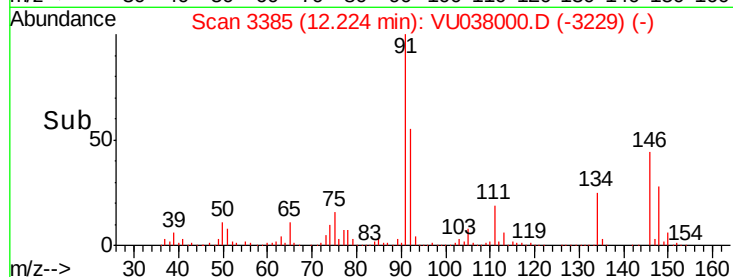
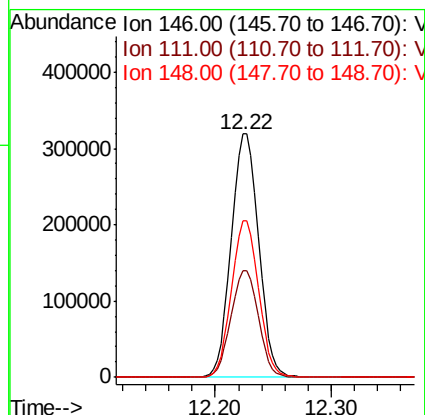
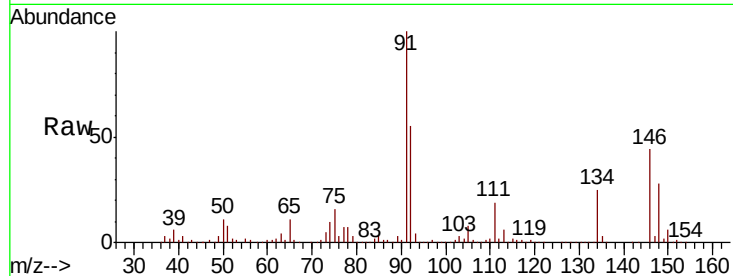




#85
 1,2-Dichlorobenzene
 Concen: 9.135 ug/l
 RT: 12.22 min Scan# 3385
 Delta R.T. 0.00 min
 Lab File: VU038000.D
 Acq: 04 May 2020 12:39

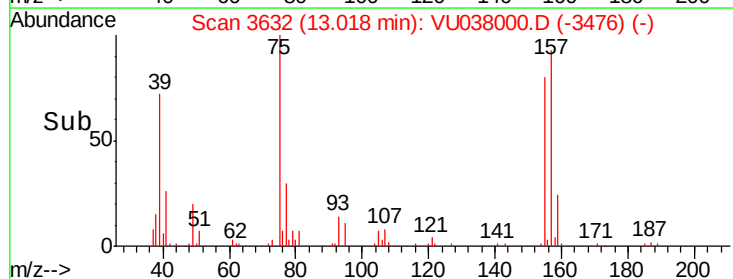
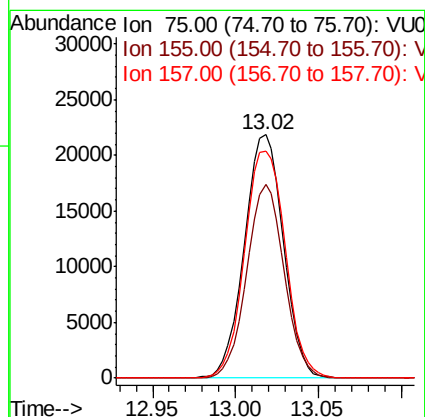
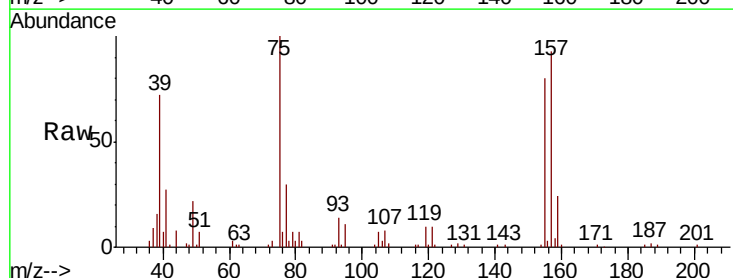
Instrument :
 MSVOA_U
 ClientSampleId :

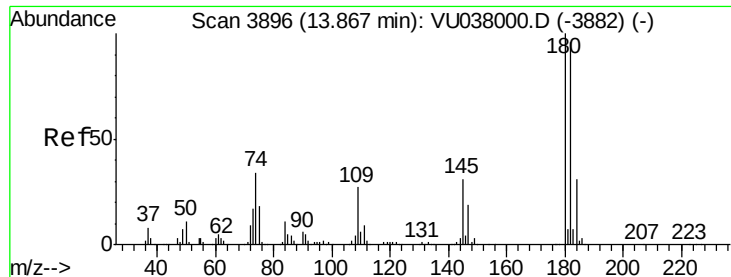
Tot Ion:146 Resp: 520004
 Ion Ratio Lower Upper
 146 100
 111 43.9 21.9 65.8
 148 63.6 31.8 95.4



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 7.987 ug/l
 RT: 13.02 min Scan# 3632
 Delta R.T. 0.00 min
 Lab File: VU038000.D
 Acq: 04 May 2020 12:39

Tgt Ion: 75 Resp: 35909
 Ion Ratio Lower Upper
 75 100
 155 76.1 60.9 91.3
 157 97.6 78.1 117.1

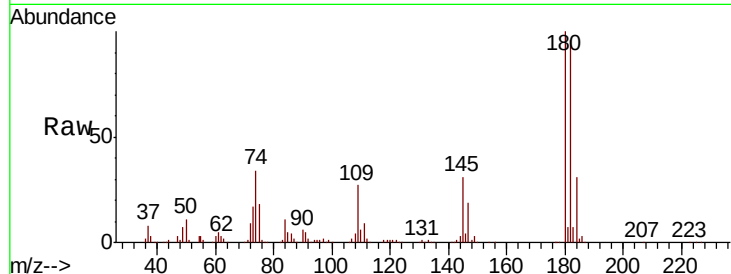




#87
 1,2,4-Trichlorobenzene
 Concen: 12.657 ug/l
 RT: 13.87 min Scan# 3896
 Delta R.T. 0.00 min
 Lab File: VU038000.D
 Acq: 04 May 2020 12:39

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.1	76.9	115.3
145	30.9	24.7	37.1

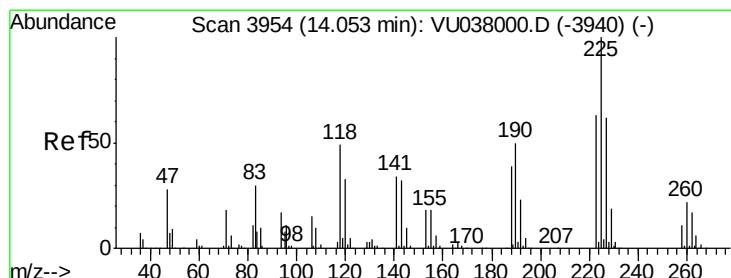
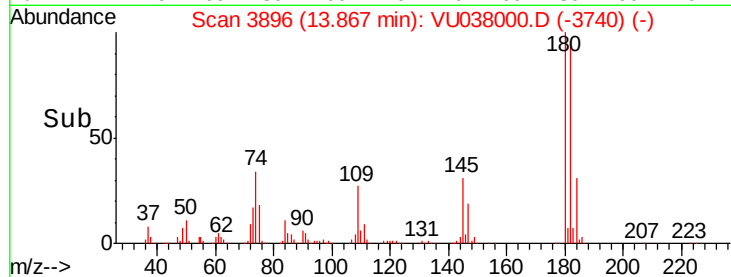
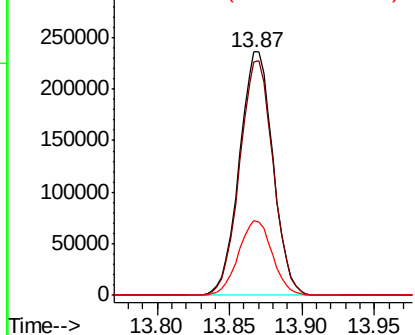


Abundance

Ion 179.70 (179.40 to 180.40): V

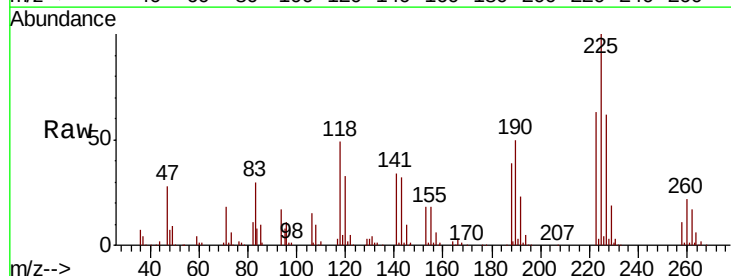
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#88
 Hexachlorobutadiene
 Concen: 9.754 ug/l
 RT: 14.05 min Scan# 3954
 Delta R.T. 0.00 min
 Lab File: VU038000.D
 Acq: 04 May 2020 12:39

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.1	51.3	76.9
227	61.5	49.2	73.8

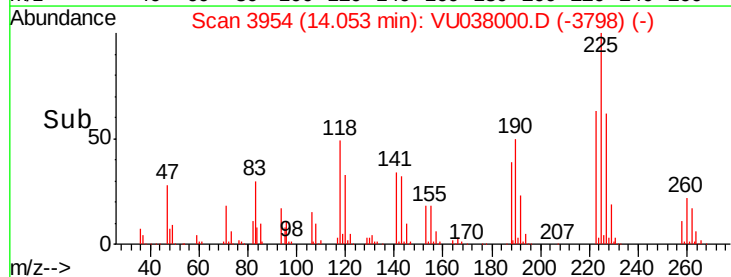
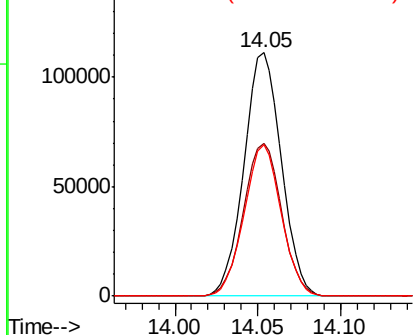


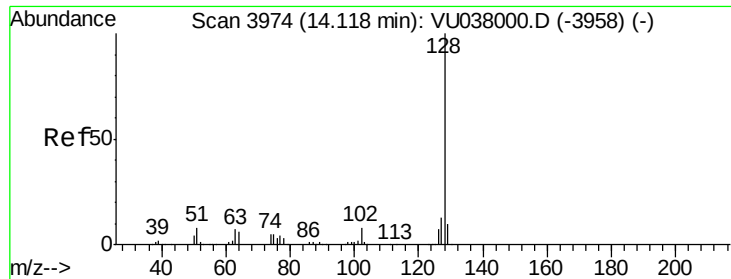
Abundance

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: 14.403 ug/l

RT: 14.12 min Scan# 3974

Delta R.T. 0.00 min

Lab File: VU038000.D

Acq: 04 May 2020 12:39

Instrument :

MSVOA_U

ClientSampleId :

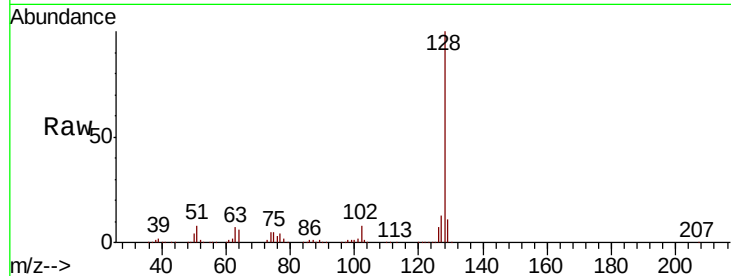
Tot Ion:128 Resp: 747902

Ion Ratio Lower Upper

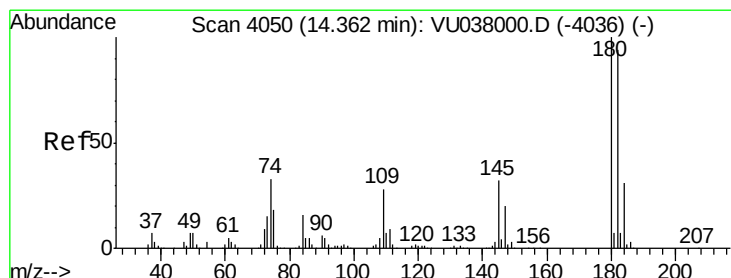
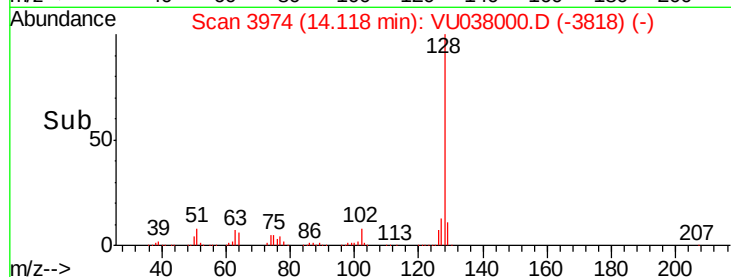
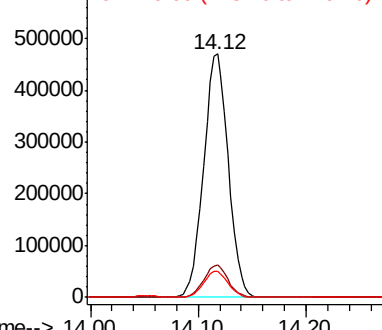
128 100

127 13.0 10.4 15.6

129 10.7 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: 11.897 ug/l

RT: 14.36 min Scan# 4050

Delta R.T. 0.00 min

Lab File: VU038000.D

Acq: 04 May 2020 12:39

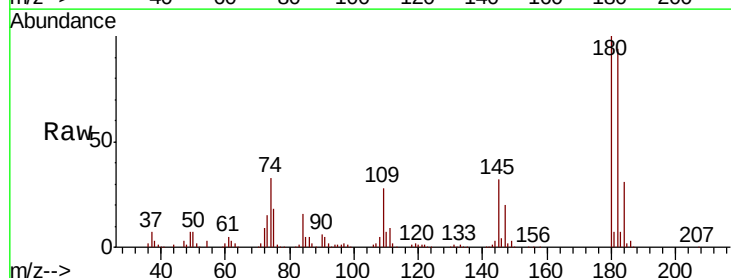
Tgt Ion:180 Resp: 343203

Ion Ratio Lower Upper

180 100

182 94.9 75.9 113.9

145 32.5 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

