

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U050420\
 Data File : VU038007.D
 Acq On : 04 May 2020 18:11
 Operator : JC/MD
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 05 02:25:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U050420DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue May 05 02:20:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	6.15	96	88008	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.65	95	33463	0.98	ug/l	0.00
Spiked Amount 1.000			Recovery	=	98.00%	
68) 1,2-Dichlorobenzene-d4	12.21	152	32980	1.00	ug/l	0.00
Spiked Amount 1.000			Recovery	=	100.00%	

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	298501	9.993	ug/l 99
3) Chloromethane	1.54	50	329182	9.307	ug/l 100
4) Vinyl Chloride	1.62	62	353361	10.030	ug/l 99
5) Bromomethane	1.87	94	168713	7.982	ug/l 99
6) Chloroethane	1.95	64	206655	9.819	ug/l 99
7) Trichlorofluoromethane	2.16	101	375394	10.222	ug/l 97
8) 1,1,2-Trichloro-1,2,2-trif	2.60	101	231387	10.107	ug/l 99
9) 1,1-Dichloroethene	2.60	96	228345	9.933	ug/l 99
10) Iodomethane	2.75	142	186939	8.629	ug/l 99
11) Allyl Chloride	2.95	41	423095	9.922	ug/l 99
12) Acrylonitrile	3.35	53	120617	19.195	ug/l 97
13) Acetone	2.66	43	212967	42.371	ug/l 97
14) Carbon Disulfide	2.82	76	817710	9.742	ug/l 100
15) Methylene Chloride	3.07	84	265603	9.895	ug/l 98
16) trans-1,2-Dichloroethene	3.38	96	252673	10.046	ug/l 99
17) 1,1-Dichloroethane	3.91	63	477463	10.008	ug/l 99
18) 2-Butanone	4.76	43	363302	48.207	ug/l 98
19) Cyclohexane	5.42	56	412081	8.908	ug/l 89
20) Methylcyclohexane	6.79	83	466163	10.280	ug/l 100
21) 2,2-Dichloropropane	4.70	77	363533	9.118	ug/l 100
22) cis-1,2-Dichloroethene	4.71	96	266217	10.012	ug/l 99
23) Diethyl Ether	2.40	59	200891	9.965	ug/l 98
24) tert-Butyl Alcohol	3.23	59	201405	90.026	ug/l 99
25) Methyl tert-Butyl Ether	3.40	73	621221	9.864	ug/l 99
26) Bromochloromethane	5.01	128	105034	9.815	ug/l 99
27) Chloroform	5.13	83	444630	9.938	ug/l 97
28) 1,1,1-Trichloroethane	5.35	97	376451	10.210	ug/l 99
29) 1,1-Dichloropropene	5.56	75	369164	9.949	ug/l 99
30) Carbon Tetrachloride	5.56	117	316984	10.275	ug/l 99
31) Isopropyl Ether	4.04	45	794157	10.115	ug/l 100
32) Ethyl-t-butyl ether	4.55	59	691734	9.758	ug/l 100
33) Tert-Amyl methyl ether	5.98	73	592854	9.703	ug/l 99
34) Propionitrile	4.82	54	104283	48.331	ug/l 98
35) Benzene	5.81	78	1042801	10.042	ug/l 98
36) 1,2-Dichloroethane	5.83	62	302778	9.856	ug/l 99
37) Trichloroethene	6.57	130	270110	9.908	ug/l 100
38) 1,2-Dichloropropane	6.82	63	279401	10.000	ug/l 98
39) Methacrylonitrile	5.02	41	96706	9.568	ug/l 97
40) Methyl acrylate	4.89	55	147960	9.935	ug/l 99
41) Tetrahydrofuran	5.11	42	93410	18.529	ug/l 97
42) 1-Chlorobutane	5.49	56	541222	10.123	ug/l 99

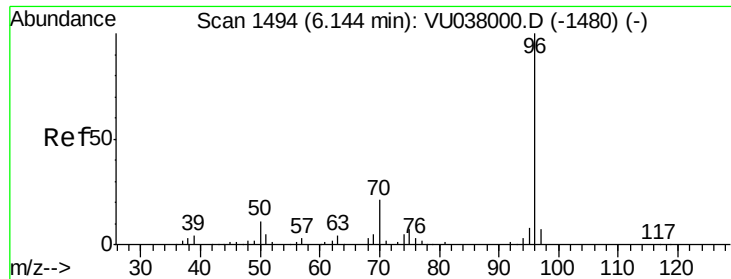
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U050420\
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Quant Time: May 05 02:25:16 2020
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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue May 05 02:20:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.95	93	127635	9.806	ug/l	99
44) Bromodichloromethane	7.13	83	333334	10.196	ug/l	99
45) 4-Methyl-2-Pentanone	7.82	43	870564	49.074	ug/l	100
46) t-1,4-Dichloro-2-butene	10.84	75	287152	52.349	ug/l #	37
47) Methyl methacrylate	6.99	69	268823	20.309	ug/l	99
48) Ethyl methacrylate	8.36	69	248720	10.149	ug/l	100
49) Toluene	7.99	92	667949	10.174	ug/l	99
50) t-1,3-Dichloropropene	8.23	75	328712	9.841	ug/l	99
51) cis-1,3-Dichloropropene	7.63	75	399644	9.963	ug/l	99
52) 1,1,2-Trichloroethane	8.43	97	182854	9.920	ug/l	97
53) 1,3-Dichloropropane	8.60	76	347059	10.030	ug/l	100
54) 2-Hexanone	8.71	43	600786	47.980	ug/l	100
55) Dibromochloromethane	8.83	129	208014	10.185	ug/l	100
56) 1,2-Dibromoethane	8.95	107	168579	9.696	ug/l	97
58) Tetrachloroethene	8.57	164	260524	10.238	ug/l	99
59) Chlorobenzene	9.47	112	706447	10.135	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.56	131	216424	10.227	ug/l	99
61) Pentachloroethane	11.44	117	159966	10.091	ug/l	99
62) Hexachloroethane	12.49	117	156031	9.457	ug/l	100
63) Ethyl Benzene	9.59	91	1268438	10.228	ug/l	100
64) m/p-Xylenes	9.71	106	983133	20.597	ug/l	99
65) o-Xylene	10.12	106	472430	10.154	ug/l	99
66) Styrene	10.13	104	800917	10.447	ug/l	100
67) Bromoform	10.31	173	108175	10.070	ug/l	98
69) Isopropylbenzene	10.50	105	1244351	10.243	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.80	83	235318	9.963	ug/l	97
71) 1,2,3-Trichloropropane	10.84	75	287152	16.440	ug/l	69
72) Bromobenzene	10.80	156	274253	10.106	ug/l	99
73) n-propylbenzene	10.92	120	346720	10.400	ug/l	100
74) 2-Chlorotoluene	11.00	126	284874	10.180	ug/l	99
75) 1,3,5-Trimethylbenzene	11.10	105	1036361	10.306	ug/l	100
76) 4-Chlorotoluene	11.11	126	301132	10.362	ug/l	97
77) tert-Butylbenzene	11.44	119	984028	10.281	ug/l	99
78) 1,2,4-Trimethylbenzene	11.48	105	1070122	10.336	ug/l	100
79) sec-Butylbenzene	11.66	105	1395804	10.181	ug/l	100
80) Nitrobenzene	13.23	77	28683	40.961	ug/l	98
81) p-Isopropyltoluene	11.81	119	1149297	10.387	ug/l	100
82) 1,3-Dichlorobenzene	11.76	146	562865	10.018	ug/l	99
83) 1,4-Dichlorobenzene	11.85	146	565195	9.936	ug/l	99
84) n-Butylbenzene	12.22	91	1137644	10.298	ug/l	99
85) 1,2-Dichlorobenzene	12.23	146	522625	9.993	ug/l	99
86) 1,2-Dibromo-3-Chloropropan	13.02	75	33913	9.119	ug/l	98
87) 1,2,4-Trichlorobenzene	13.87	180	372955	9.753	ug/l	100
88) Hexachlorobutadiene	14.05	225	170011	9.944	ug/l	99
89) Naphthalene	14.11	128	730126	9.929	ug/l	100
90) 1,2,3-Trichlorobenzene	14.36	180	338752	9.943	ug/l	99

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



#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 6.15 min Scan# 1495

Delta R.T. 0.00 min

Lab File: VU038007.D

Acq: 04 May 2020 18:11

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 96 Resp: 88008

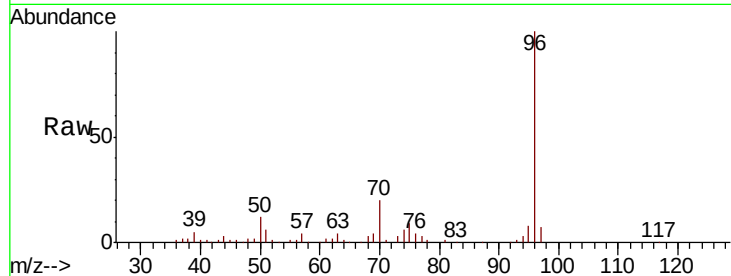
Ion Ratio Lower Upper

96 100

70 18.3 14.4 21.6

95 8.9 7.1 10.7

97 0.0 0.0 0.0

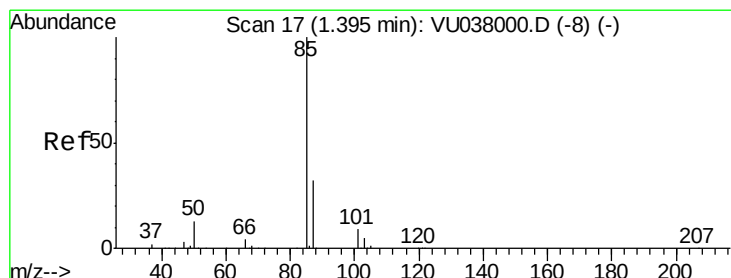
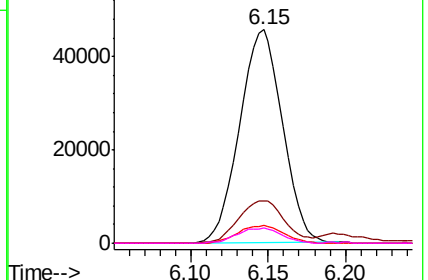
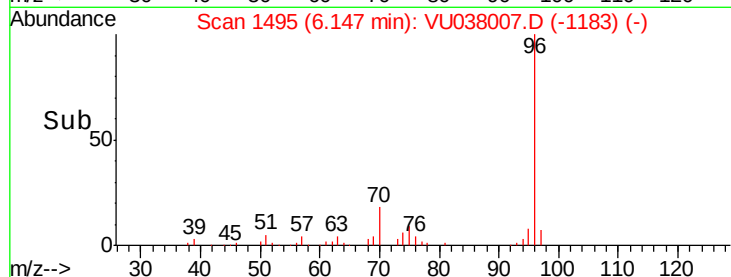


Abundance Ion 96.00 (95.70 to 96.70): VU0

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: 9.993 ug/l

RT: 1.39 min Scan# 17

Delta R.T. 0.00 min

Lab File: VU038007.D

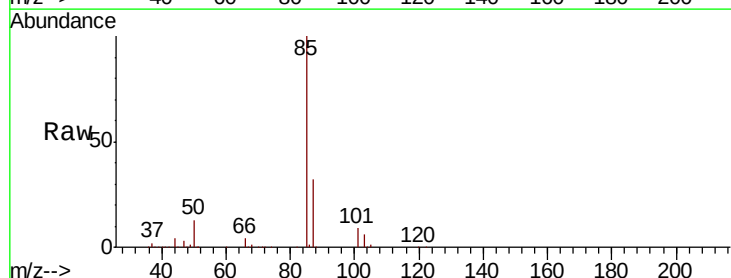
Acq: 04 May 2020 18:11

Tgt Ion: 85 Resp: 298501

Ion Ratio Lower Upper

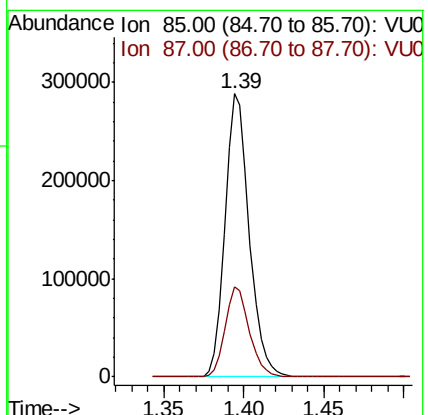
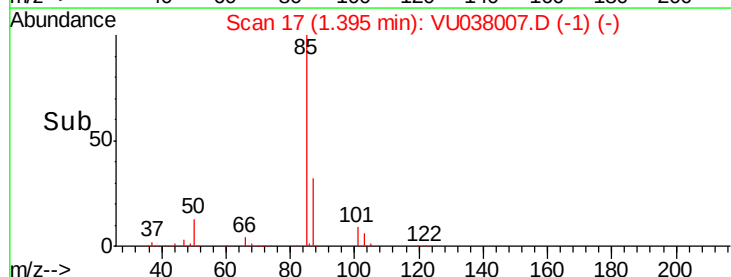
85 100

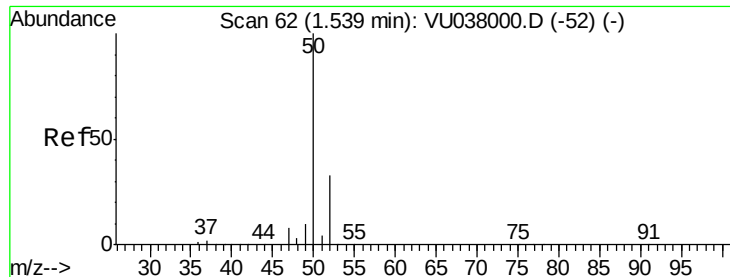
87 31.7 16.2 48.5



Abundance Ion 85.00 (84.70 to 85.70): VU0

Ion 87.00 (86.70 to 87.70): VU0

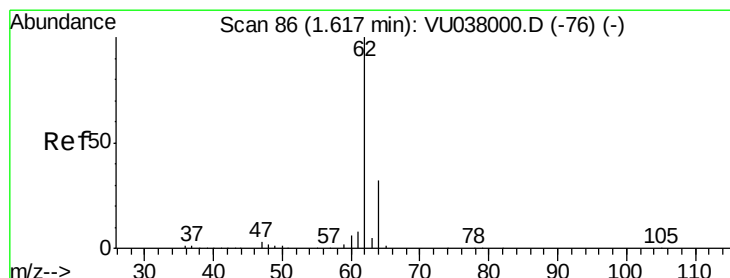
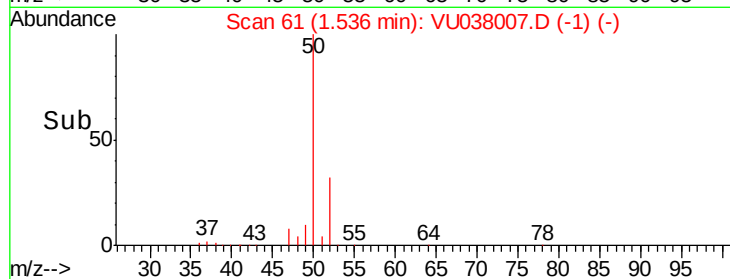
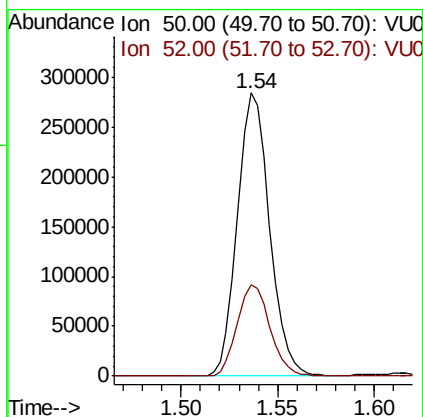
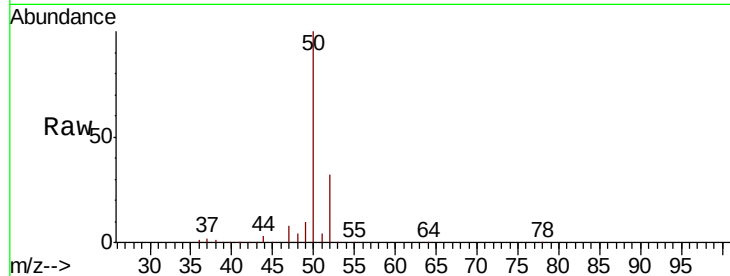




#3
Chloromethane
Concen: 9.307 ug/l
RT: 1.54 min Scan# 61
Delta R.T. -0.00 min
Lab File: VU038007.D
Acq: 04 May 2020 18:11

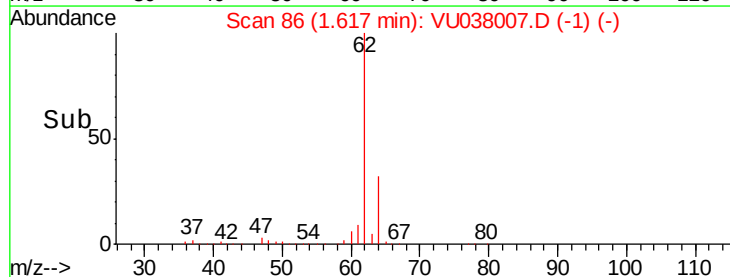
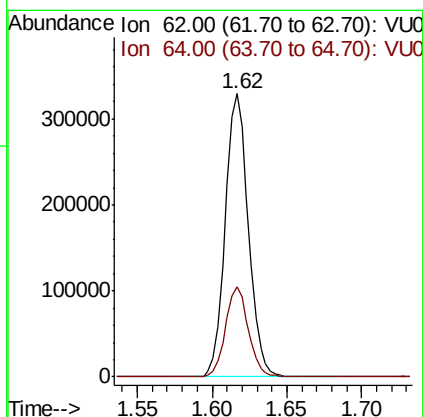
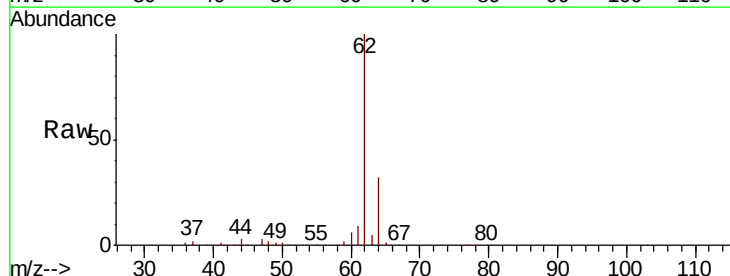
Instrument :
MSVOA_U
ClientSampleId :

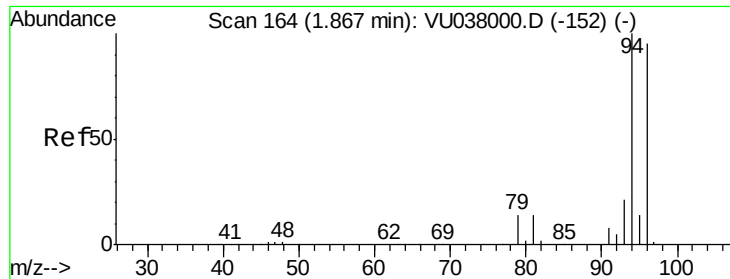
Tot Ion: 50 Resp: 329182
Ion Ratio Lower Upper
50 100
52 32.4 26.1 39.1



#4
Vinyl Chloride
Concen: 10.030 ug/l
RT: 1.62 min Scan# 86
Delta R.T. 0.00 min
Lab File: VU038007.D
Acq: 04 May 2020 18:11

Tgt Ion: 62 Resp: 353361
Ion Ratio Lower Upper
62 100
64 31.7 25.7 38.5

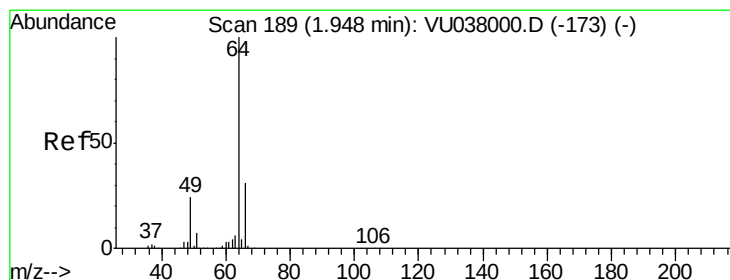
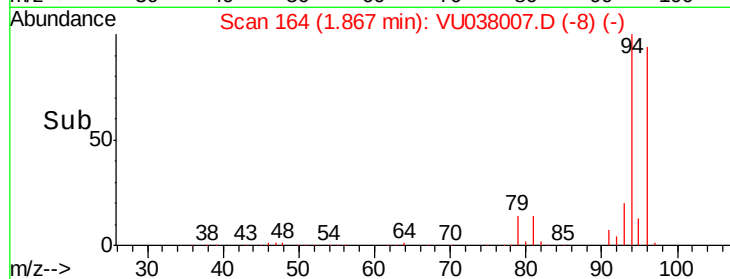
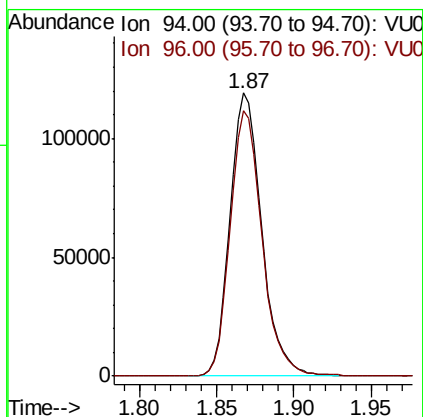
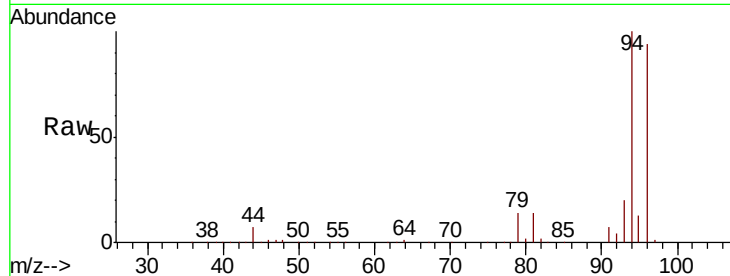




#5
 Bromomethane
 Concen: 7.982 ug/l
 RT: 1.87 min Scan# 164
 Delta R.T. 0.00 min
 Lab File: VU038007.D
 Acq: 04 May 2020 18:11

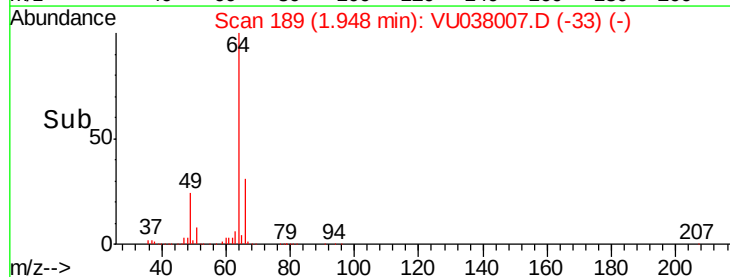
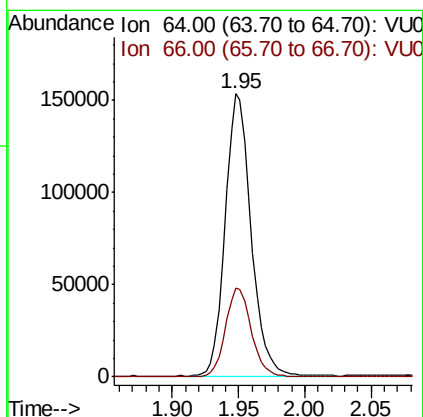
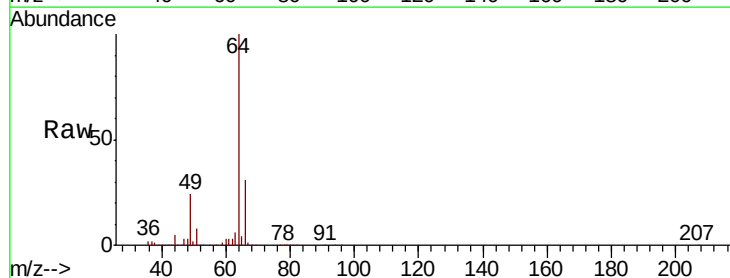
Instrument :
 MSVOA_U
 ClientSampleId :

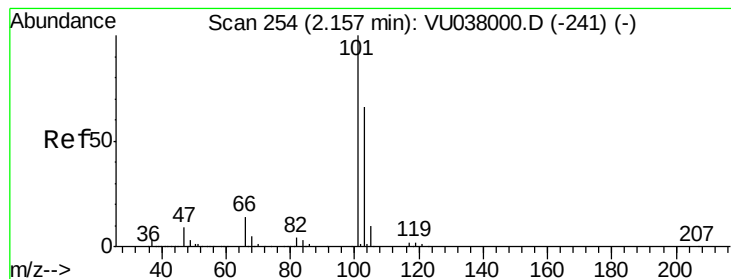
Tot Ion: 94 Resp: 168713
 Ion Ratio Lower Upper
 94 100
 96 93.9 76.1 114.1



#6
 Chloroethane
 Concen: 9.819 ug/l
 RT: 1.95 min Scan# 189
 Delta R.T. 0.00 min
 Lab File: VU038007.D
 Acq: 04 May 2020 18:11

Tgt Ion: 64 Resp: 206655
 Ion Ratio Lower Upper
 64 100
 66 31.4 24.8 37.2



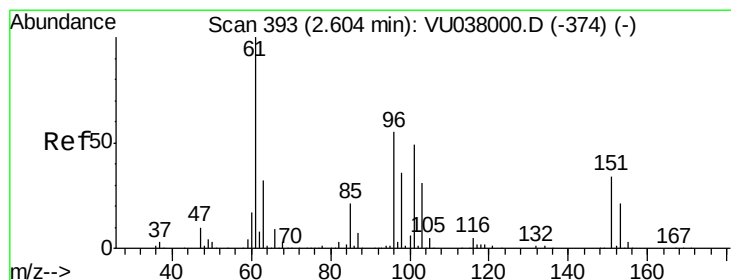
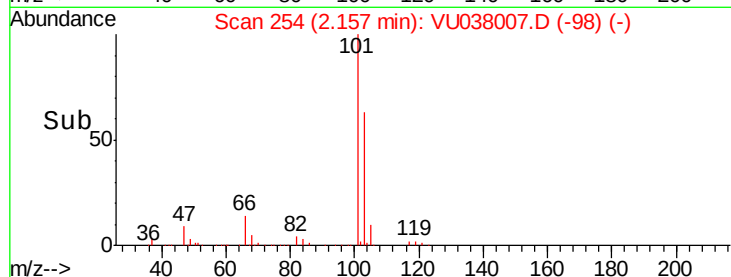
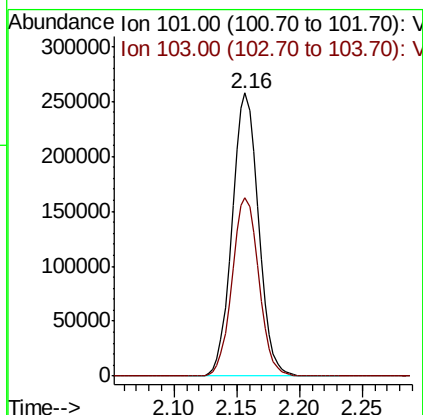
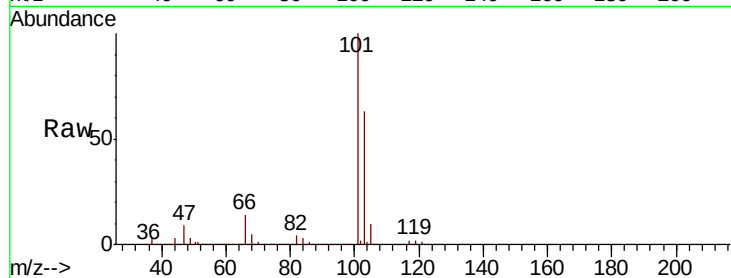


#7

Trichlorofluoromethane
 Concen: 10.222 ug/l
 RT: 2.16 min Scan# 254
 Delta R.T. -0.00 min
 Lab File: VU038007.D
 Acq: 04 May 2020 18:11

Instrument :
 MSVOA_U
 ClientSampleId :

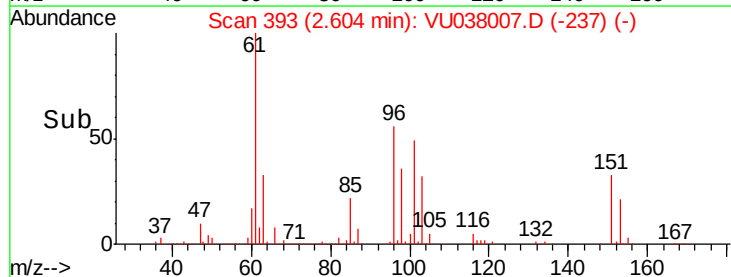
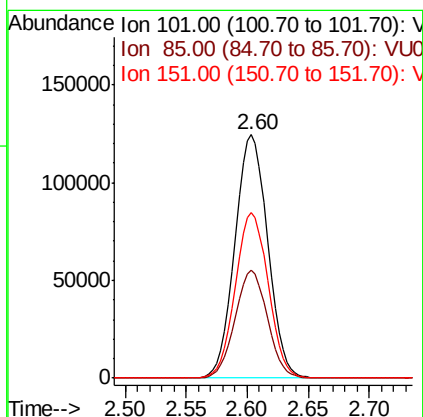
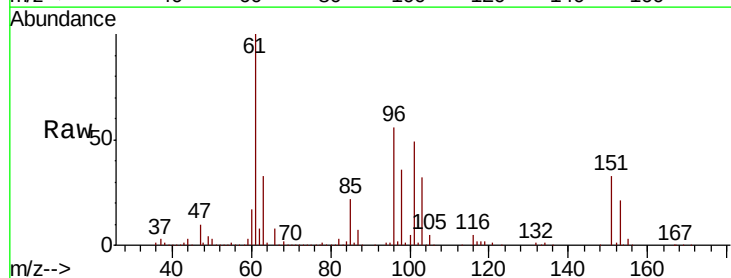
Tot Ion:101 Resp: 375394
 Ion Ratio Lower Upper
 101 100
 103 63.2 52.6 78.8

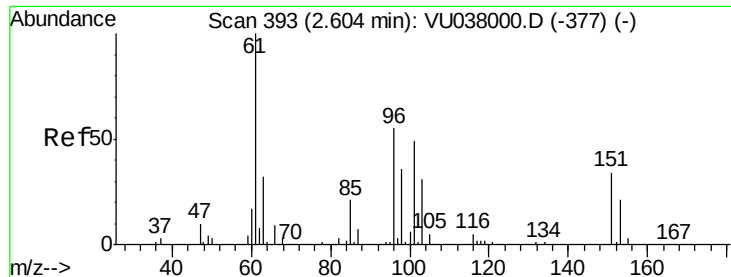


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 10.107 ug/l
 RT: 2.60 min Scan# 393
 Delta R.T. 0.00 min
 Lab File: VU038007.D
 Acq: 04 May 2020 18:11

Tgt Ion:101 Resp: 231387
 Ion Ratio Lower Upper
 101 100
 85 43.9 35.5 53.3
 151 68.5 55.2 82.8





#9

1,1-Dichloroethene

Concen: 9.933 ug/l

RT: 2.60 min Scan# 393

Delta R.T. 0.00 min

Lab File: VU038007.D

Acq: 04 May 2020 18:11

Instrument :

MSVOA_U

ClientSampled :

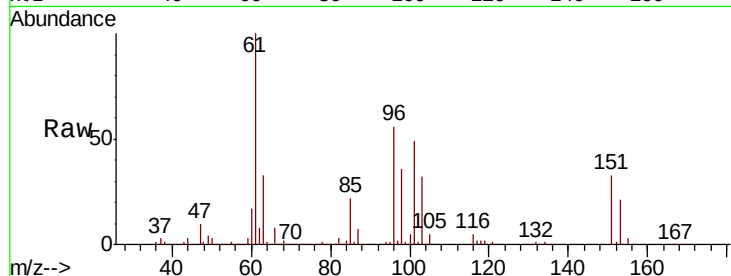
Tot Ion: 96 Resp: 228345

Ion Ratio Lower Upper

96 100

61 178.8 0.0 543.0

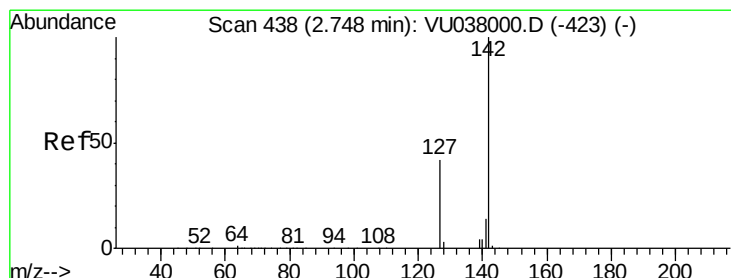
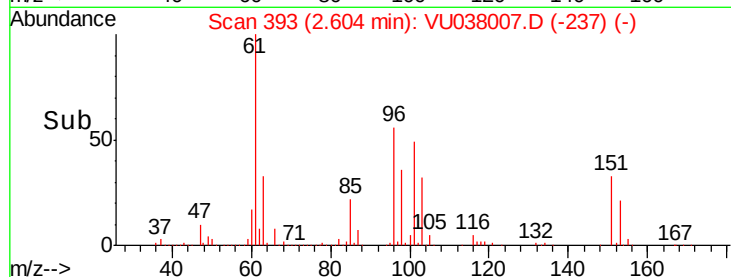
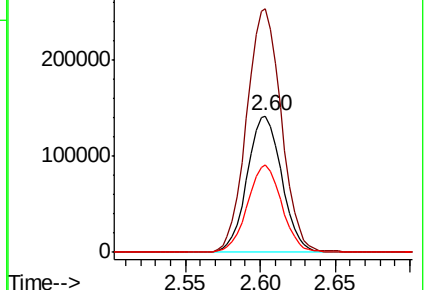
98 63.9 0.0 129.4



Abundance Ion 96.00 (95.70 to 96.70): VU038007.D (-237) (-)

Ion 61.00 (60.70 to 61.70): VU038007.D (-237) (-)

Ion 98.00 (97.70 to 98.70): VU038007.D (-237) (-)



#10

Iodomethane

Concen: 8.629 ug/l

RT: 2.75 min Scan# 437

Delta R.T. -0.00 min

Lab File: VU038007.D

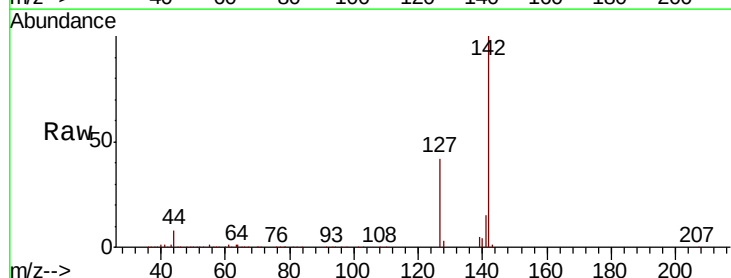
Acq: 04 May 2020 18:11

Tgt Ion: 142 Resp: 186939

Ion Ratio Lower Upper

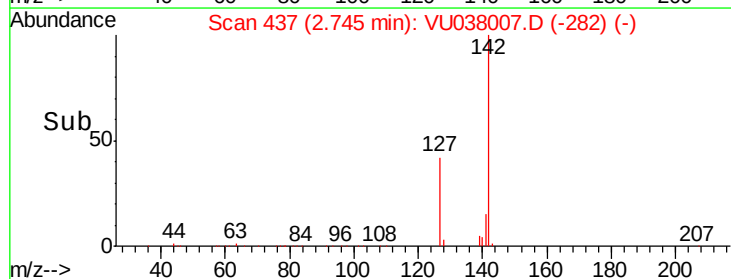
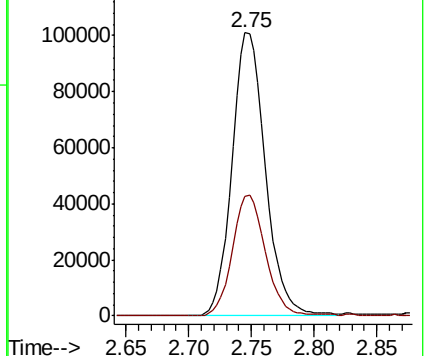
142 100

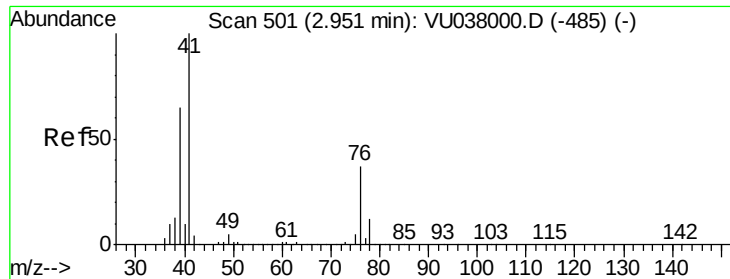
127 42.6 33.5 50.3



Abundance Ion 142.00 (141.70 to 142.70): VU038007.D (-282) (-)

Ion 127.00 (126.70 to 127.70): VU038007.D (-282) (-)

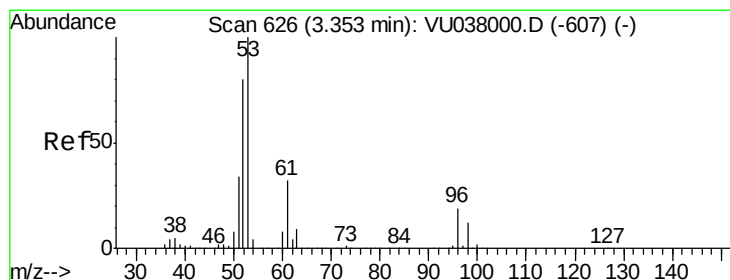
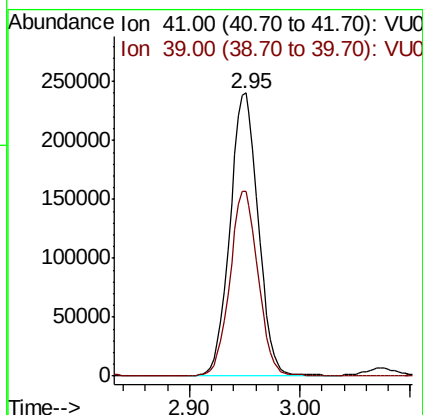
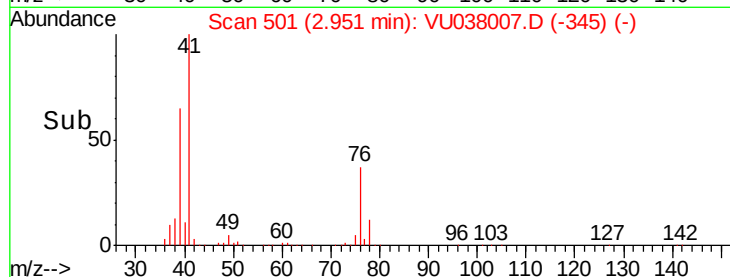
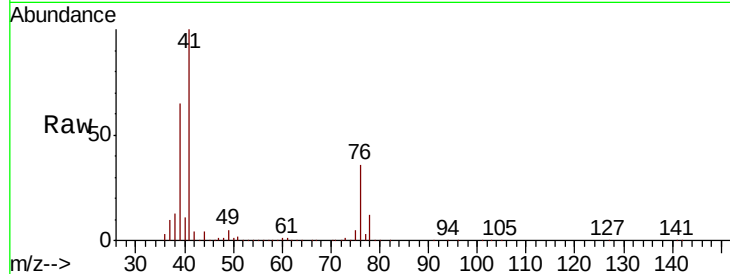




#11
 Allvl Chloride
 Concen: 9.922 ug/l
 RT: 2.95 min Scan# 501
 Delta R.T. -0.00 min
 Lab File: VU038007.D
 Acq: 04 May 2020 18:11

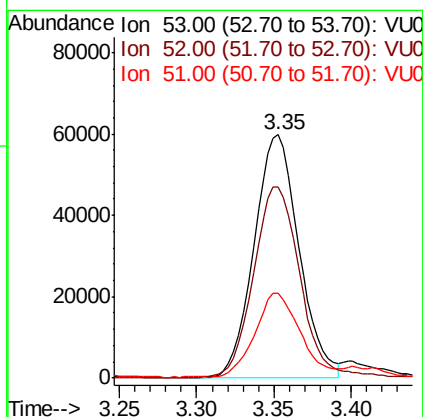
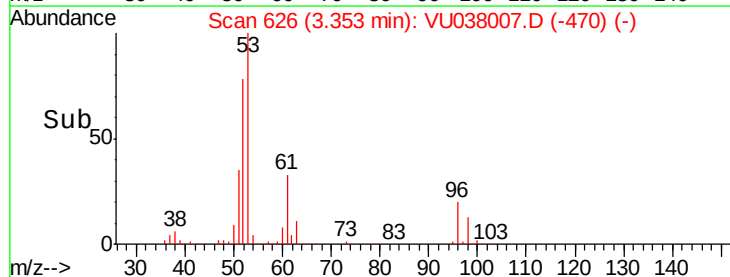
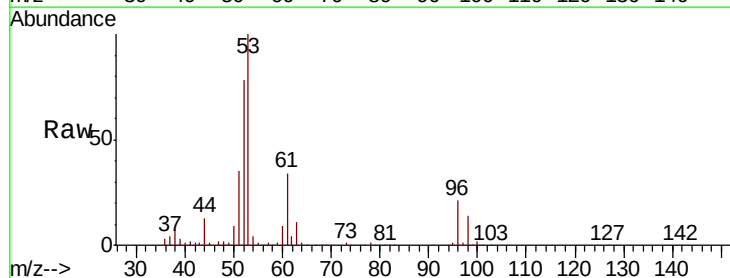
Instrument :
 MSVOA_U
 ClientSampled :

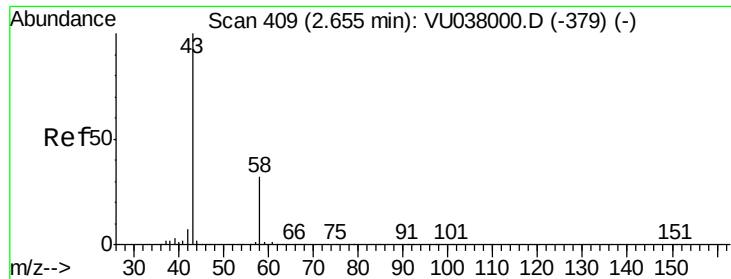
Tot Ion: 41 Resp: 423095
 Ion Ratio Lower Upper
 41 100
 39 65.1 51.7 77.5



#12
 Acrylonitrile
 Concen: 19.195 ug/l
 RT: 3.35 min Scan# 626
 Delta R.T. 0.00 min
 Lab File: VU038007.D
 Acq: 04 May 2020 18:11

Tgt Ion: 53 Resp: 120617
 Ion Ratio Lower Upper
 53 100
 52 81.4 63.3 94.9
 51 34.8 30.2 45.2

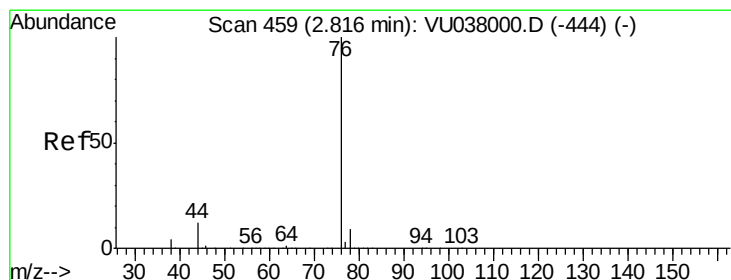
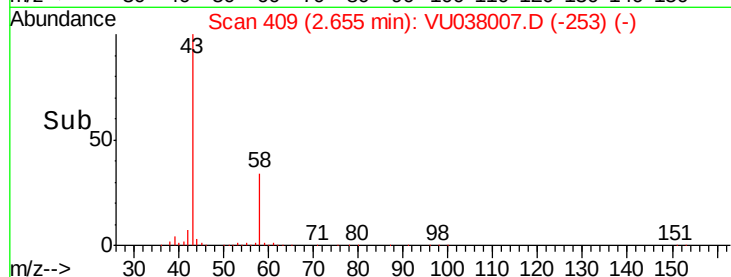
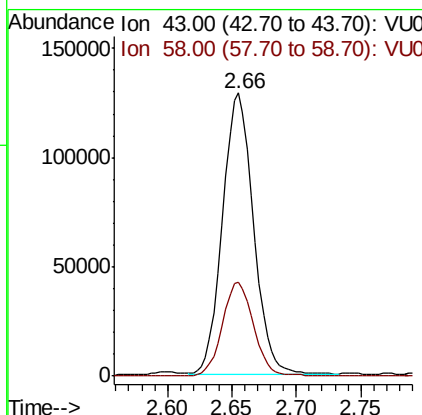
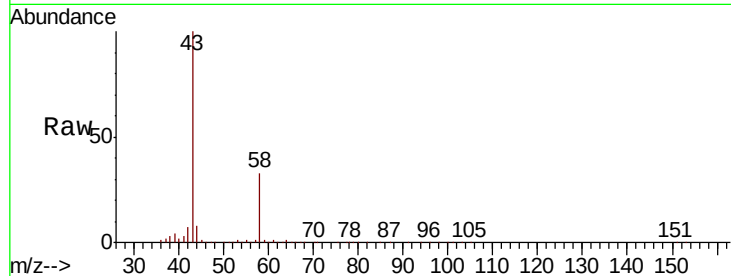




#13
Acetone
Concen: 42.371 ug/l
RT: 2.66 min Scan# 409
Delta R.T. 0.00 min
Lab File: VU038007.D
Acq: 04 May 2020 18:11

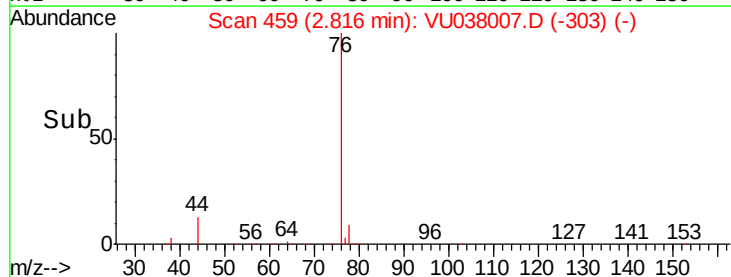
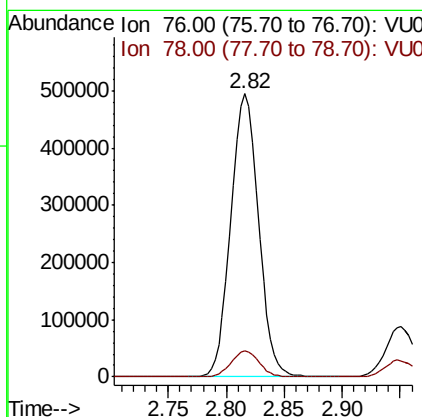
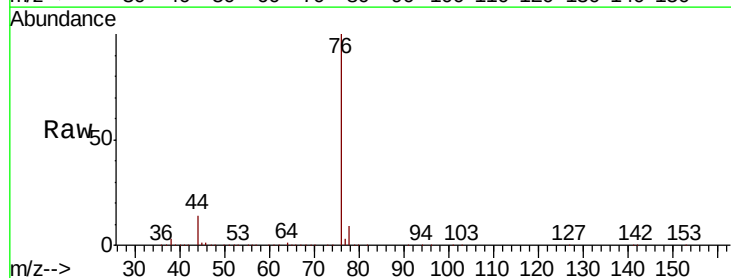
Instrument :
MSVOA_U
ClientSampled :

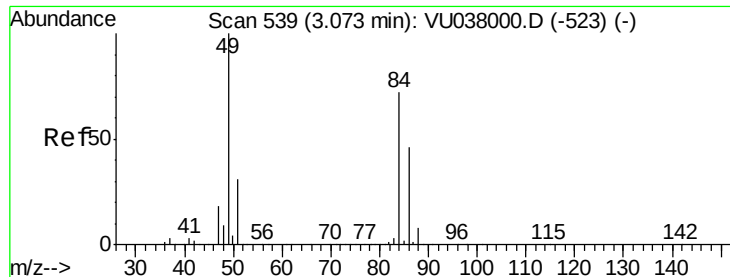
Tot Ion: 43 Resp: 212967
Ion Ratio Lower Upper
43 100
58 33.4 25.2 37.8



#14
Carbon Disulfide
Concen: 9.742 ug/l
RT: 2.82 min Scan# 459
Delta R.T. 0.00 min
Lab File: VU038007.D
Acq: 04 May 2020 18:11

Tgt Ion: 76 Resp: 817710
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.6

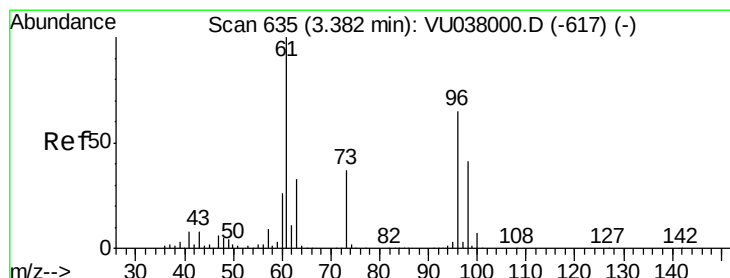
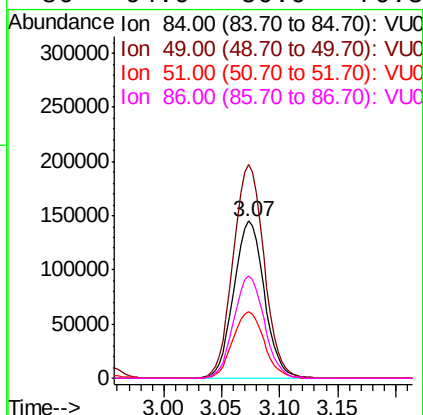
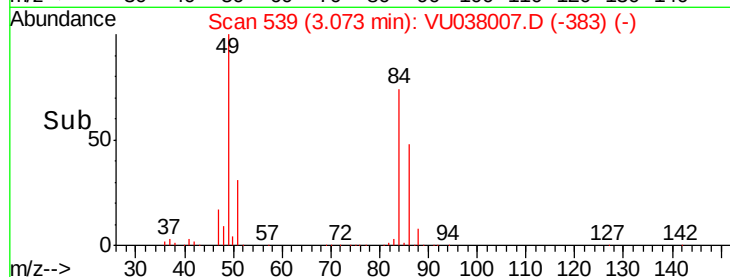
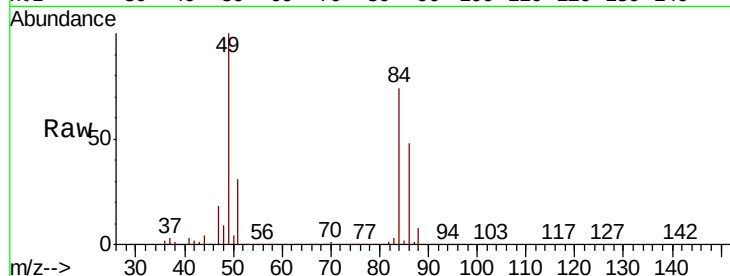




#15
Methylene Chloride
Concen: 9.895 ug/l
RT: 3.07 min Scan# 539
Delta R.T. 0.00 min
Lab File: VU038007.D
Acq: 04 May 2020 18:11

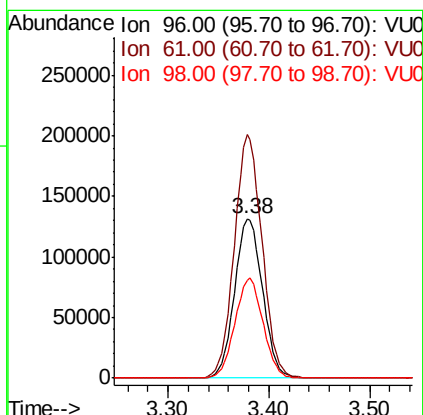
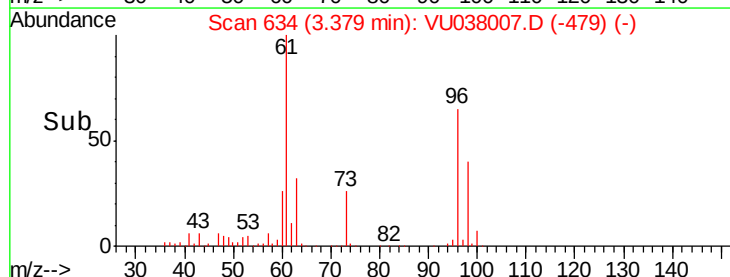
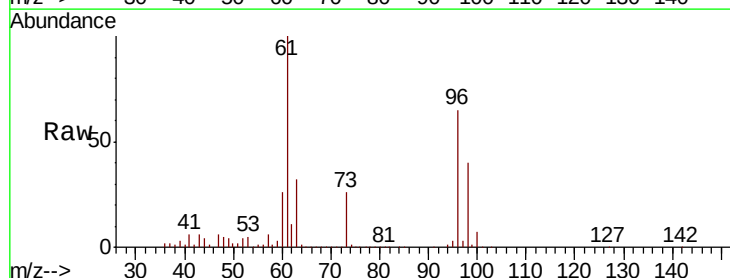
Instrument :
MSVOA_U
ClientSampleId :

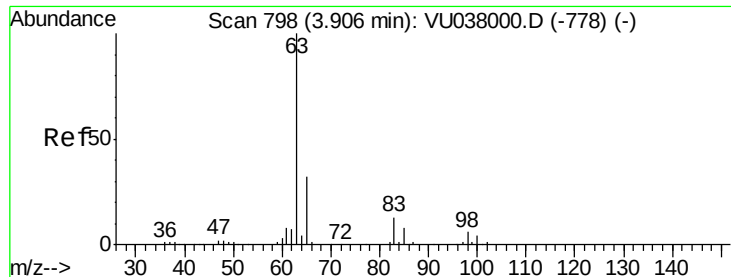
Tot Ion:	84	Resp:	265603
Ion	Ratio	Lower	Upper
84	100		
49	135.9	110.6	166.0
51	42.0	0.0	85.4
86	64.9	50.9	76.3



#16
trans-1,2-Dichloroethene
Concen: 10.046 ug/l
RT: 3.38 min Scan# 634
Delta R.T. -0.00 min
Lab File: VU038007.D
Acq: 04 May 2020 18:11

Tgt Ion:	96	Resp:	252673
Ion	Ratio	Lower	Upper
96	100		
61	152.7	122.4	183.6
98	61.6	50.1	75.1

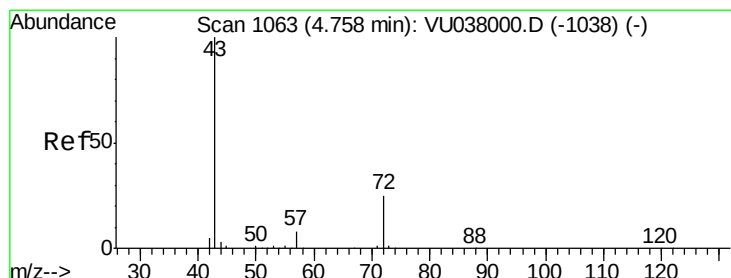
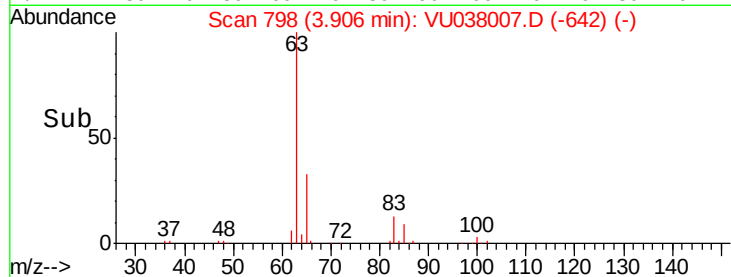
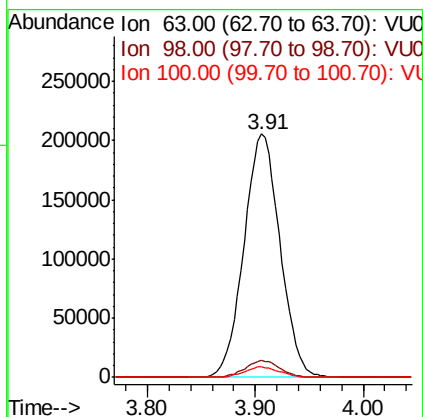
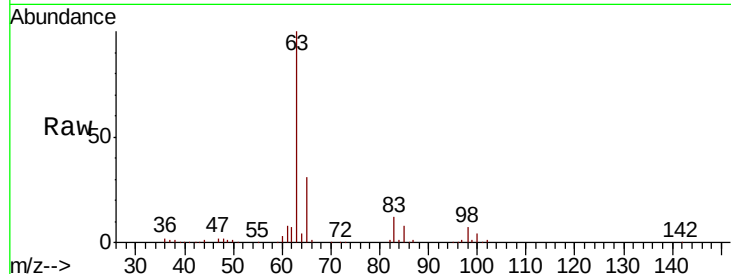




#17
 1,1-Dichloroethane
 Concen: 10.008 ug/l
 RT: 3.91 min Scan# 798
 Delta R.T. 0.00 min
 Lab File: VU038007.D
 Acq: 04 May 2020 18:11

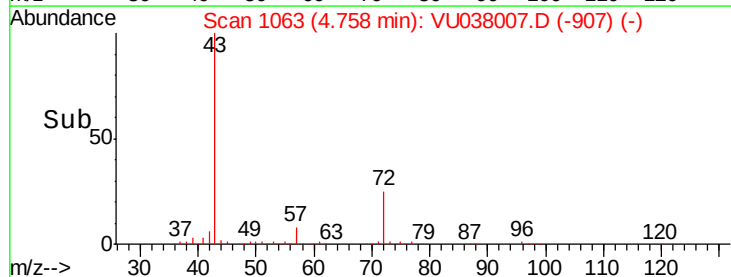
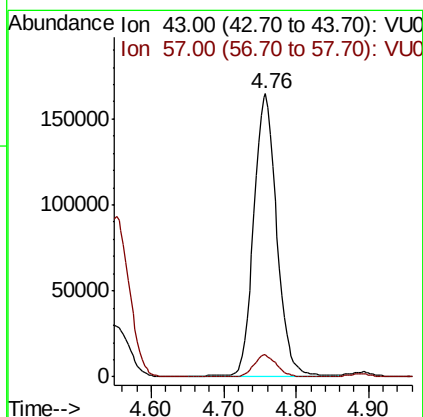
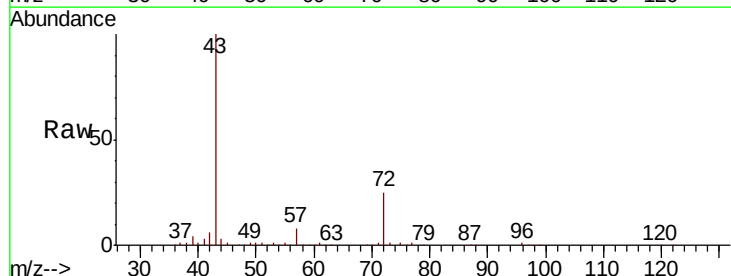
Instrument :
 MSVOA_U
 ClientSampled :

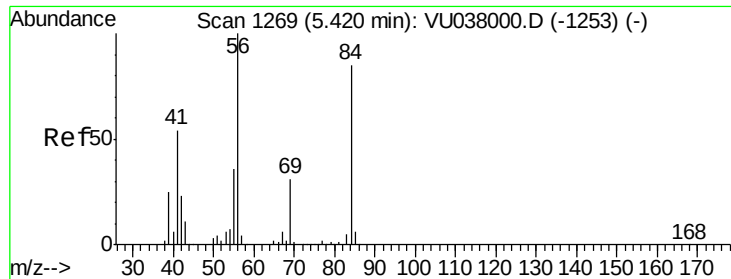
Tot Ion: 63 Resp: 477463
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.1 9.4
 100 4.2 2.2 6.6



#18
 2-Butanone
 Concen: 48.207 ug/l
 RT: 4.76 min Scan# 1063
 Delta R.T. -0.00 min
 Lab File: VU038007.D
 Acq: 04 May 2020 18:11

Tgt Ion: 43 Resp: 363302
 Ion Ratio Lower Upper
 43 100
 57 7.6 0.0 16.6

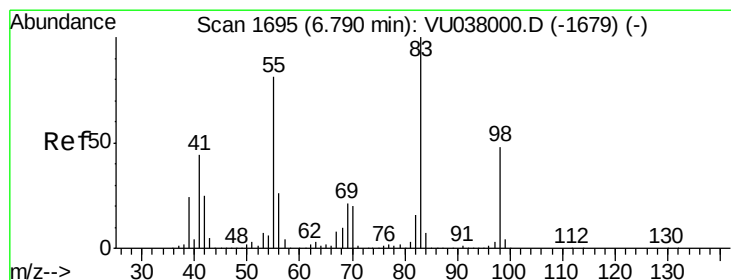
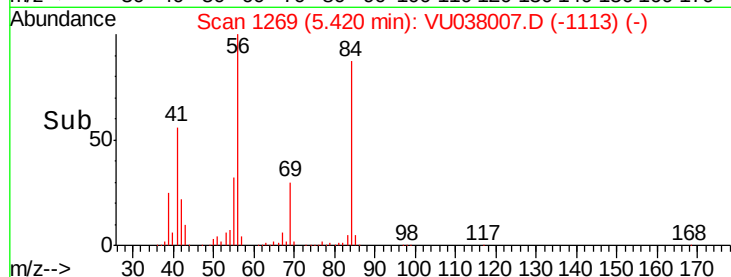
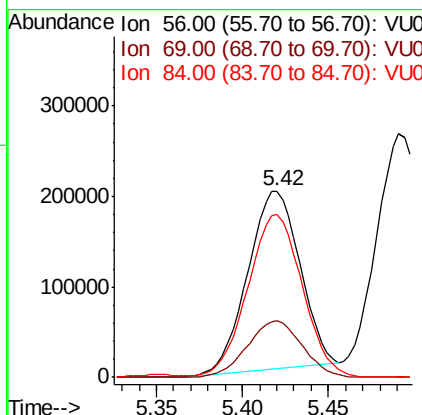
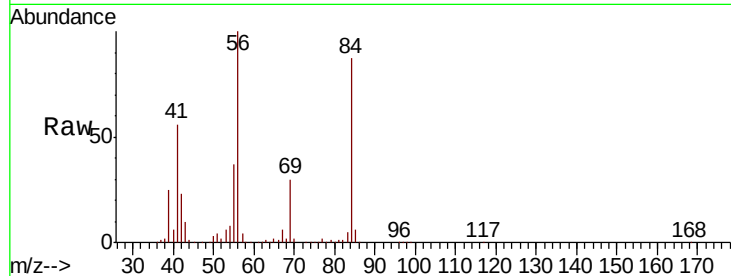




#19
Cyclohexane
Concen: 8.908 ug/l
RT: 5.42 min Scan# 1269
Delta R.T. -0.00 min
Lab File: VU038007.D
Acq: 04 May 2020 18:11

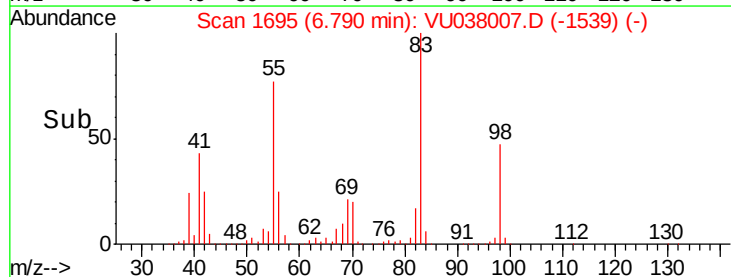
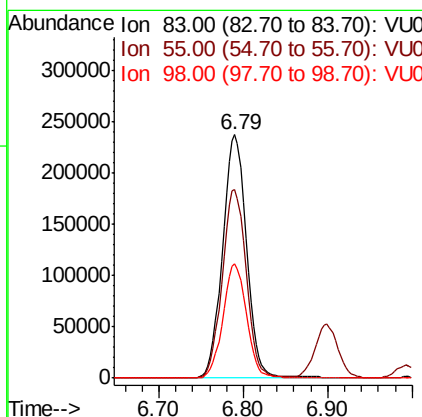
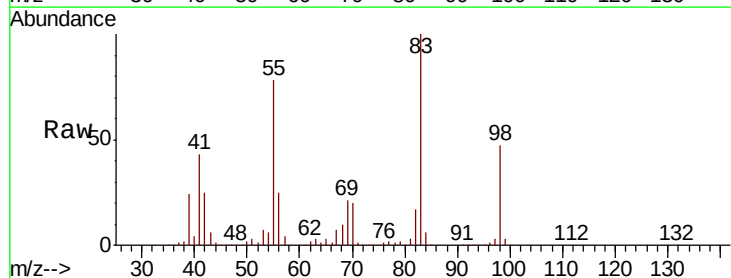
Instrument :
MSVOA_U
ClientSampleId :

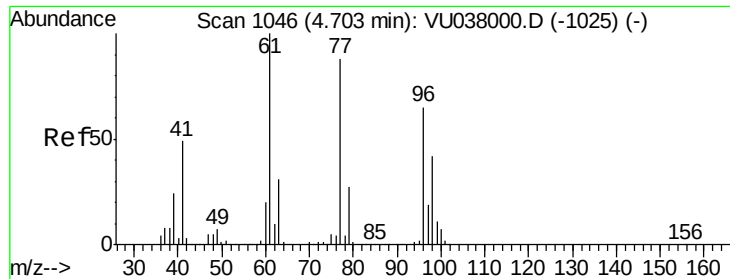
Tot Ion: 56 Resp: 412081
Ion Ratio Lower Upper
56 100
69 33.6 24.3 36.5
84 94.9 66.3 99.5



#20
Methylcyclohexane
Concen: 10.280 ug/l
RT: 6.79 min Scan# 1695
Delta R.T. 0.00 min
Lab File: VU038007.D
Acq: 04 May 2020 18:11

Tgt Ion: 83 Resp: 466163
Ion Ratio Lower Upper
83 100
55 76.9 61.5 92.3
98 46.2 37.3 55.9

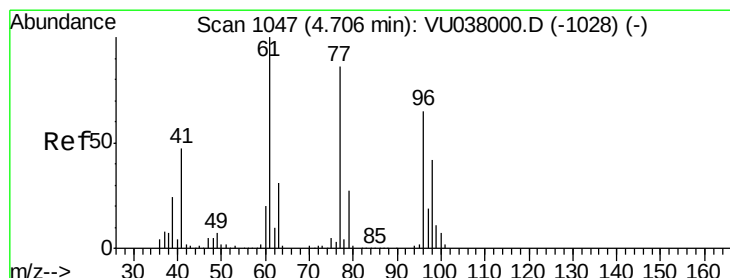
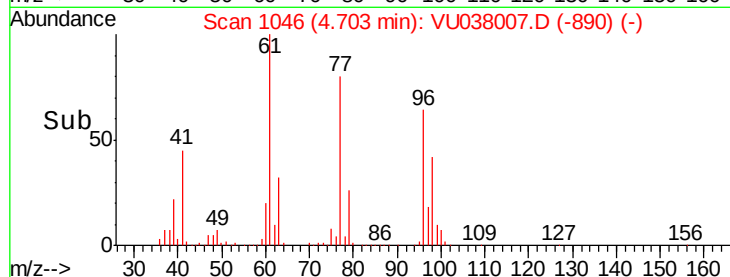
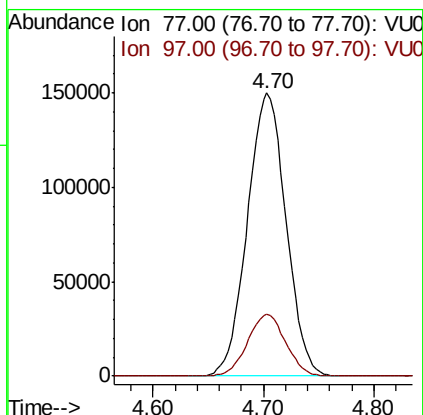
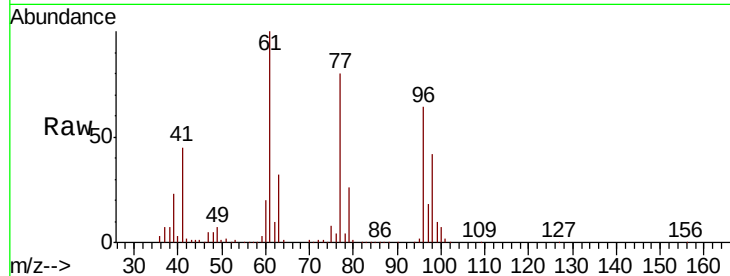




#21
 2,2-Dichloropropane
 Concen: 9.118 ug/l
 RT: 4.70 min Scan# 1046
 Delta R.T. 0.00 min
 Lab File: VU038007.D
 Acq: 04 May 2020 18:11

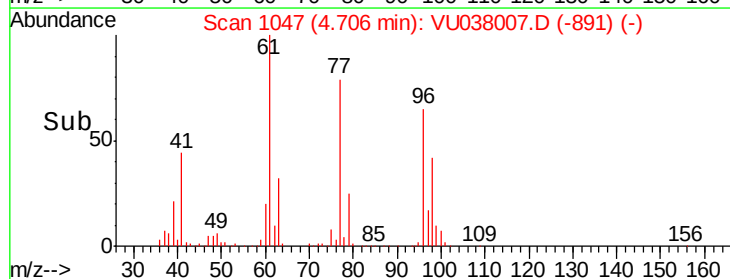
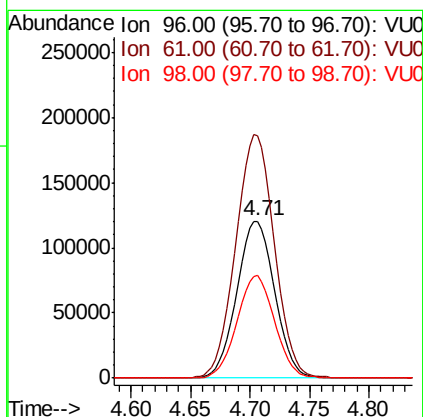
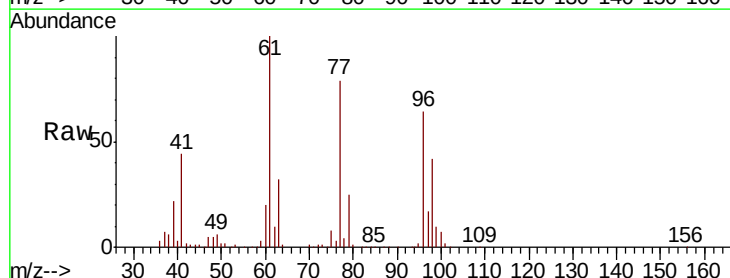
Instrument :
 MSVOA_U
 ClientSampleId :

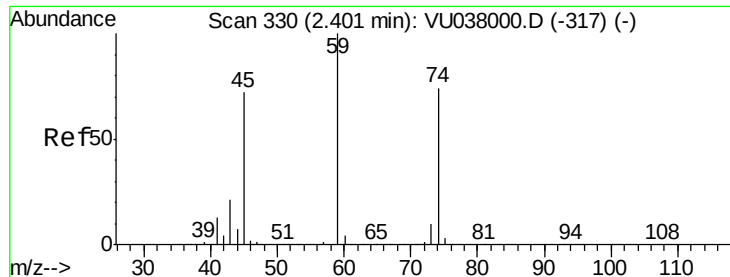
Tot Ion: 77 Resp: 363533
 Ion Ratio Lower Upper
 77 100
 97 21.7 17.4 26.2



#22
 cis-1,2-Dichloroethene
 Concen: 10.012 ug/l
 RT: 4.71 min Scan# 1047
 Delta R.T. 0.00 min
 Lab File: VU038007.D
 Acq: 04 May 2020 18:11

Tgt Ion: 96 Resp: 266217
 Ion Ratio Lower Upper
 96 100
 61 157.9 0.0 389.3
 98 64.9 32.1 96.3

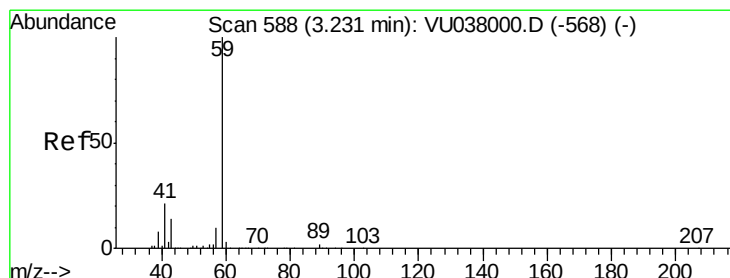
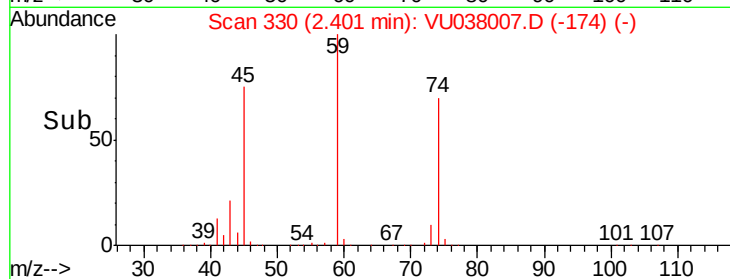
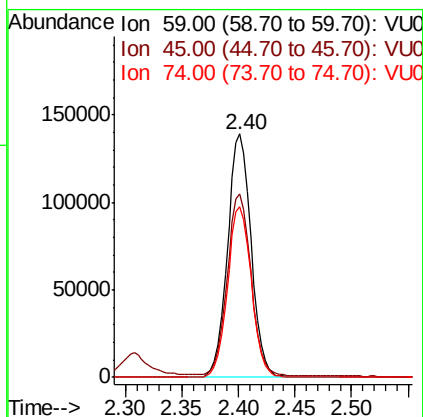
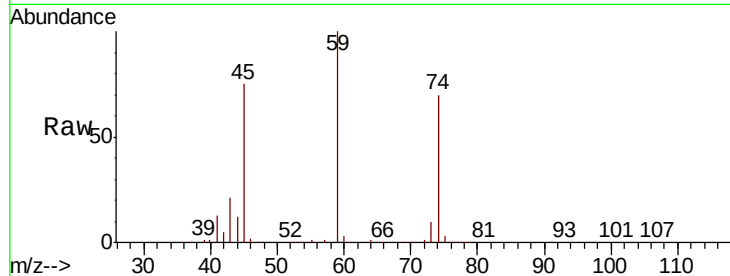




#23
Diethyl Ether
Concen: 9.965 ug/l
RT: 2.40 min Scan# 330
Delta R.T. -0.00 min
Lab File: VU038007.D
Acq: 04 May 2020 18:11

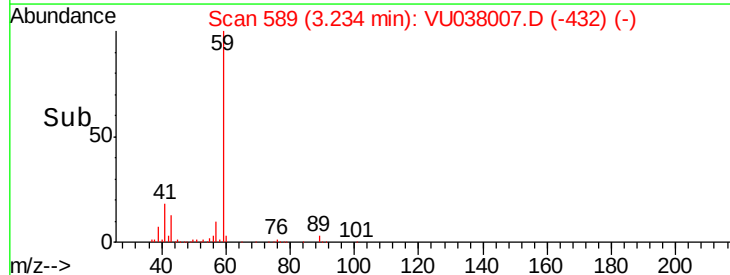
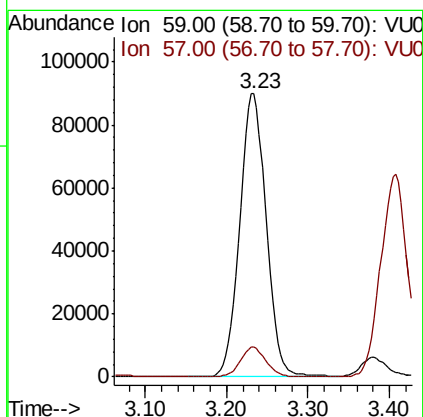
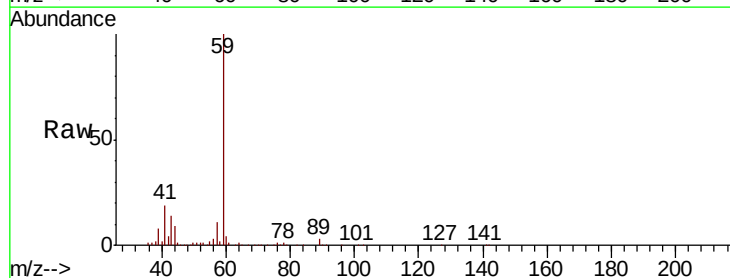
Instrument :
MSVOA_U
ClientSampleId :

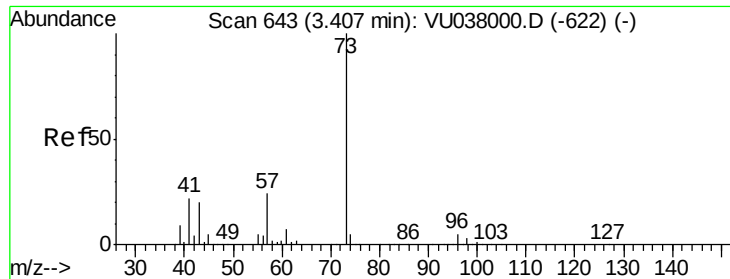
Tot Ion	59	Resp	200891
Ion	Ratio	Lower	Upper
59	100		
45	76.2	59.8	89.6
74	71.3	58.2	87.4



#24
tert-Butyl Alcohol
Concen: 90.026 ug/l
RT: 3.23 min Scan# 589
Delta R.T. 0.00 min
Lab File: VU038007.D
Acq: 04 May 2020 18:11

Tgt Ion	59	Resp	201405
Ion	Ratio	Lower	Upper
59	100		
57	9.8	8.2	12.4



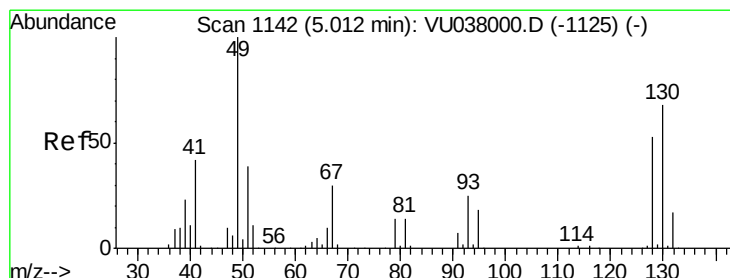
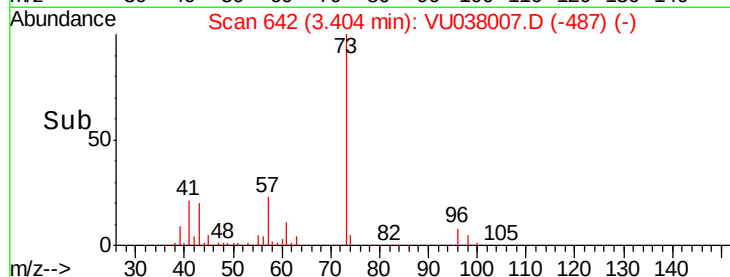
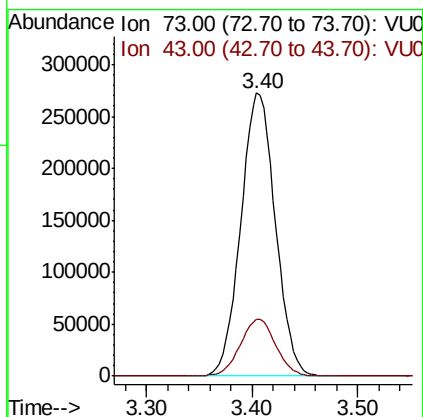
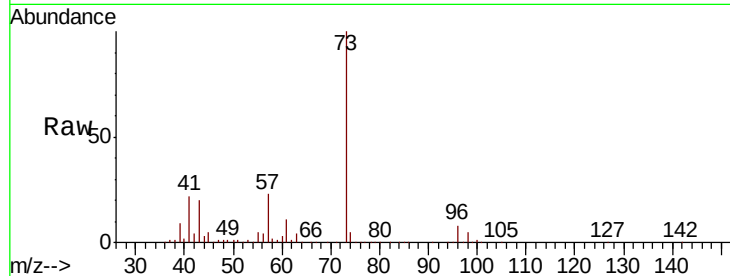


#25

Methyl tert-Butyl Ether
 Concen: 9.864 ug/l
 RT: 3.40 min Scan# 642
 Delta R.T. -0.00 min
 Lab File: VU038007.D
 Acq: 04 May 2020 18:11

Instrument :
 MSVOA_U
 ClientSampleId :

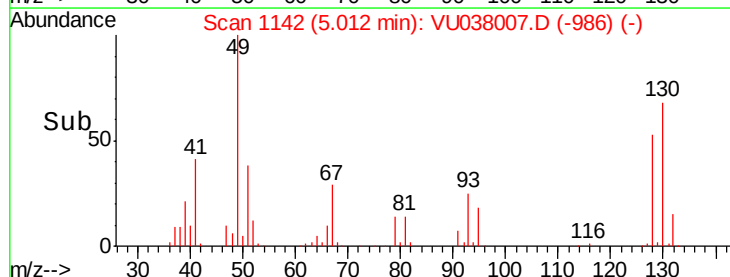
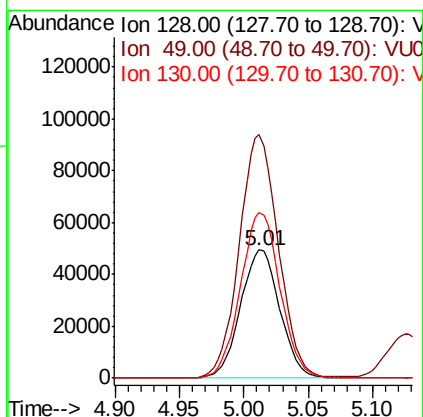
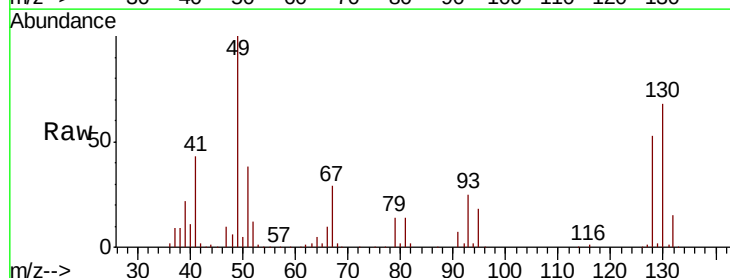
Tot Ion: 73 Resp: 621221
 Ion Ratio Lower Upper
 73 100
 43 20.5 16.2 24.2

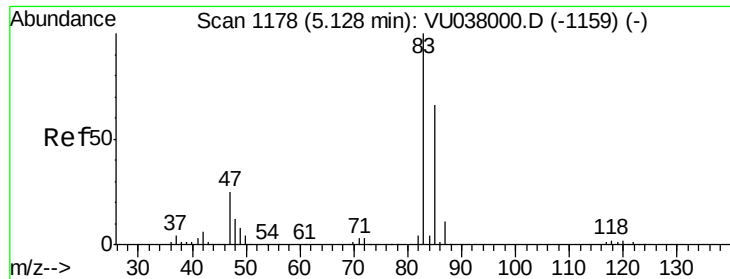


#26

Bromochloromethane
 Concen: 9.815 ug/l
 RT: 5.01 min Scan# 1142
 Delta R.T. 0.00 min
 Lab File: VU038007.D
 Acq: 04 May 2020 18:11

Tgt Ion: 128 Resp: 105034
 Ion Ratio Lower Upper
 128 100
 49 188.8 0.0 376.0
 130 130.4 102.6 153.8

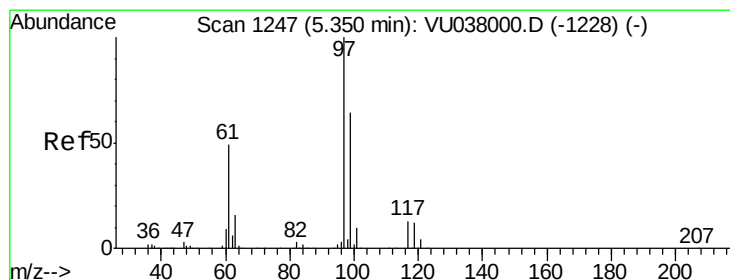
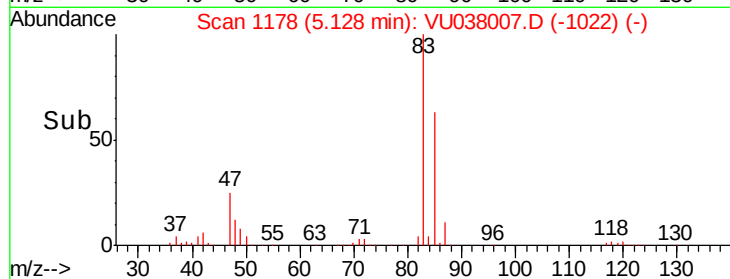
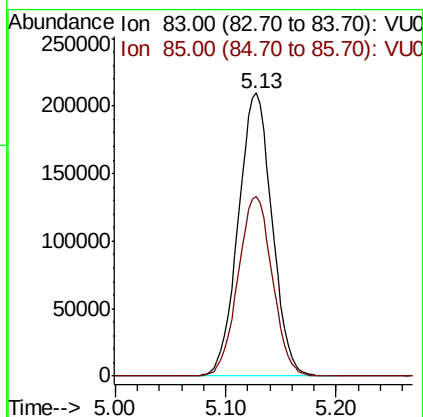
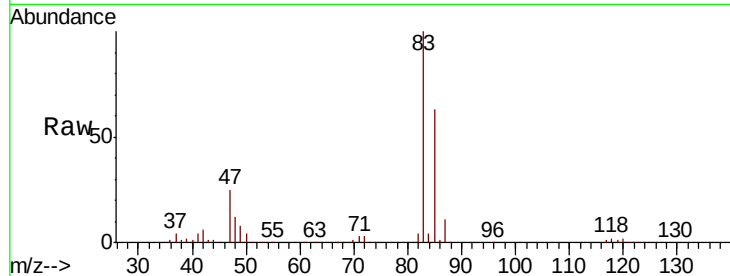




#27
Chloroform
Concen: 9.938 ug/l
RT: 5.13 min Scan# 1178
Delta R.T. 0.00 min
Lab File: VU038007.D
Acq: 04 May 2020 18:11

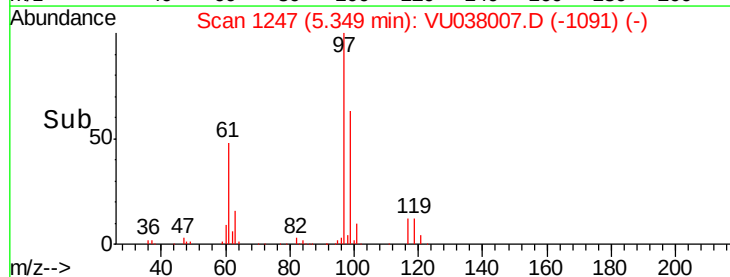
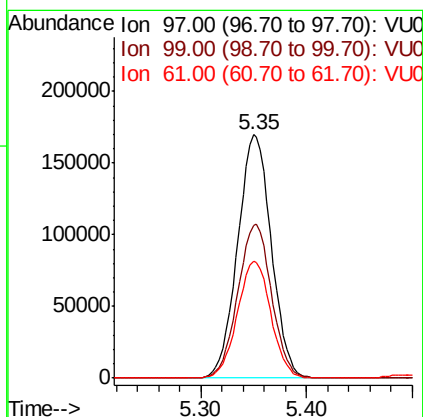
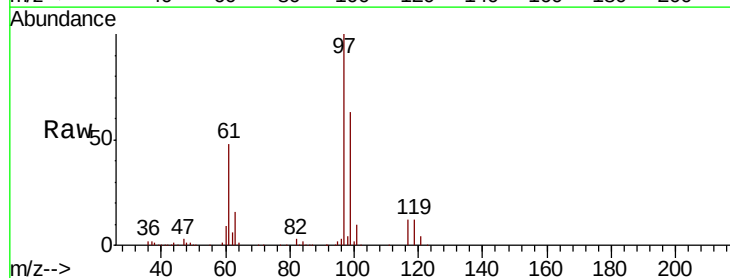
Instrument :
MSVOA_U
ClientSampleId :

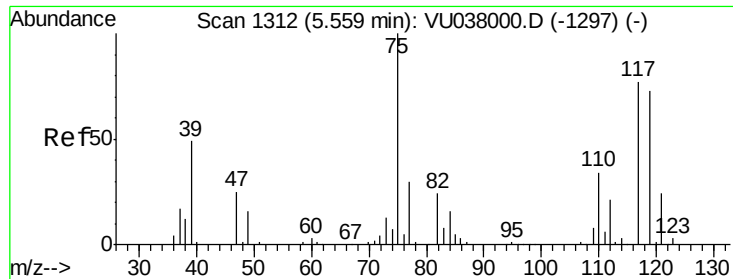
Tot Ion: 83 Resp: 444630
Ion Ratio Lower Upper
83 100
85 63.3 0.0 132.0



#28
1,1,1-Trichloroethane
Concen: 10.210 ug/l
RT: 5.35 min Scan# 1247
Delta R.T. -0.00 min
Lab File: VU038007.D
Acq: 04 May 2020 18:11

Tgt Ion: 97 Resp: 376451
Ion Ratio Lower Upper
97 100
99 63.6 31.9 95.9
61 47.7 24.1 72.4

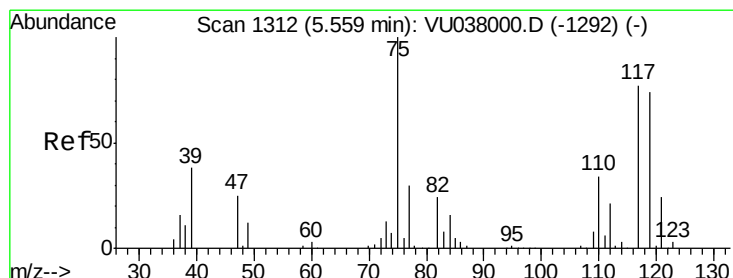
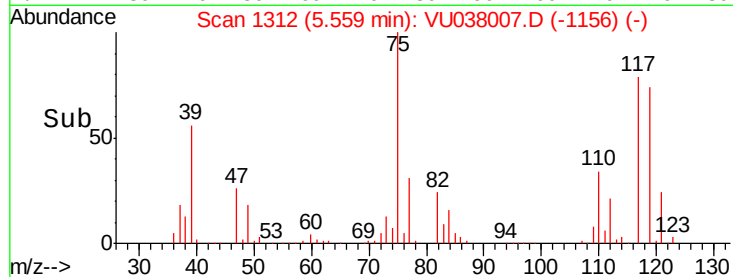
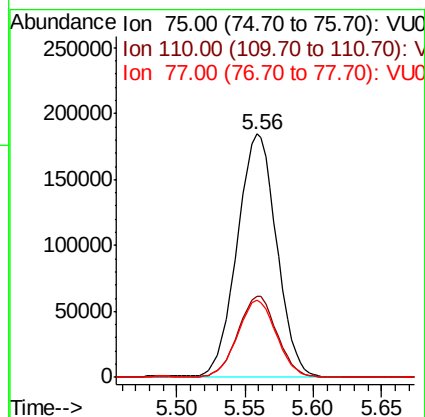
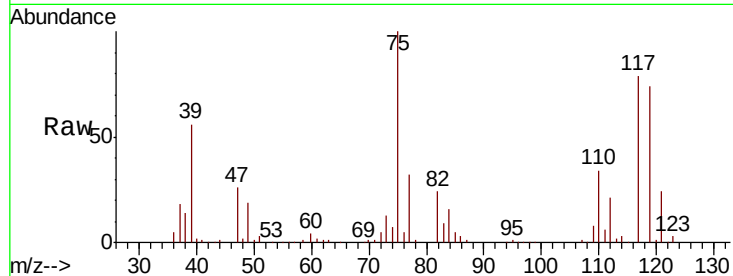




#29
1,1-Dichloropropene
Concen: 9.949 ug/l
RT: 5.56 min Scan# 1312
Delta R.T. 0.00 min
Lab File: VU038007.D
Acq: 04 May 2020 18:11

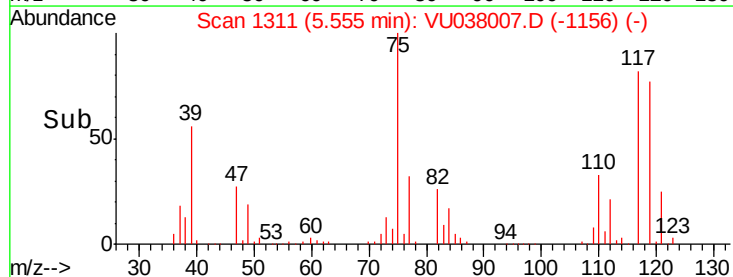
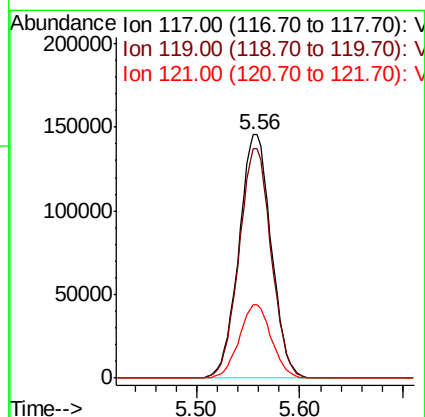
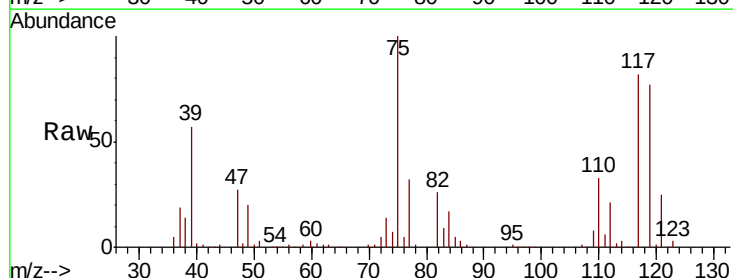
Instrument :
MSVOA_U
ClientSampled :

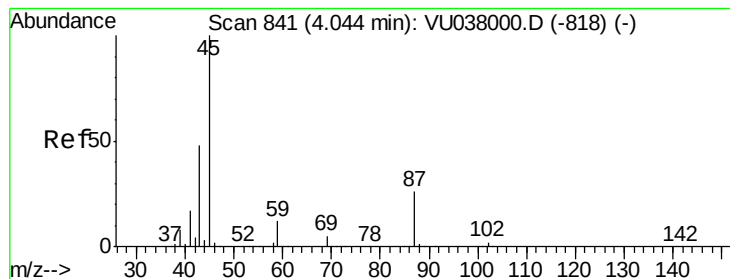
Tot Ion	Ratio	Lower	Upper
75	100		
110	33.2	16.7	50.1
77	31.0	24.5	36.7



#30
Carbon Tetrachloride
Concen: 10.275 ug/l
RT: 5.56 min Scan# 1311
Delta R.T. -0.00 min
Lab File: VU038007.D
Acq: 04 May 2020 18:11

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.2	76.3	114.5
121	30.1	24.7	37.1





#31

Isopropyl Ether

Concen: 10.115 ug/l

RT: 4.04 min Scan# 841

Delta R.T. -0.00 min

Lab File: VU038007.D

Acq: 04 May 2020 18:11

Instrument :

MSVOA_U

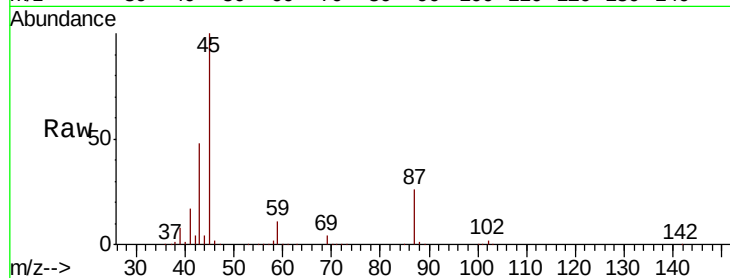
ClientSampleId :

Tot Ion: 45 Resp: 794157

Ion Ratio Lower Upper

45 100

43 48.2 24.2 72.6



Abundance Ion 45.00 (44.70 to 45.70): VU038007.D (-818) (-)

Ion 43.00 (42.70 to 43.70): VU038007.D (-818) (-)

4.04

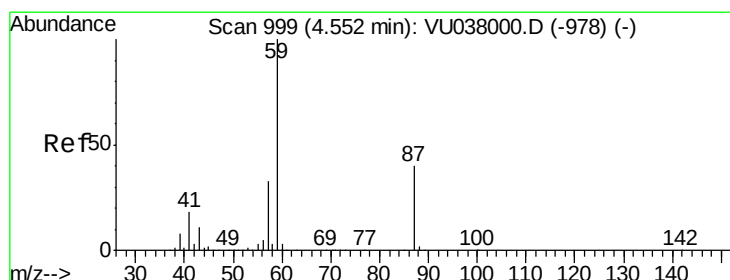
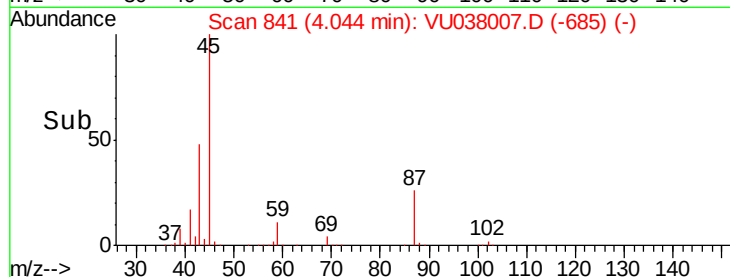
300000

200000

100000

0

Time-->



#32

Ethyl-t-butyl ether

Concen: 9.758 ug/l

RT: 4.55 min Scan# 999

Delta R.T. -0.00 min

Lab File: VU038007.D

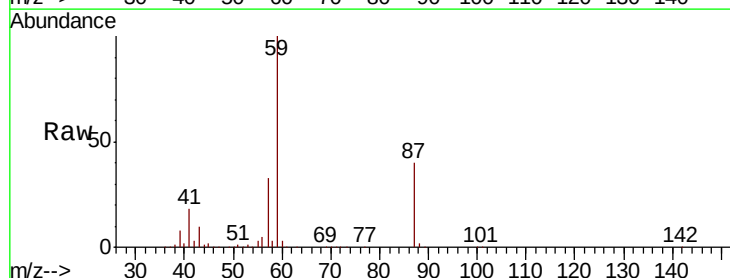
Acq: 04 May 2020 18:11

Tgt Ion: 59 Resp: 691734

Ion Ratio Lower Upper

59 100

87 40.5 32.4 48.6



Abundance Ion 59.00 (58.70 to 59.70): VU038007.D (-978) (-)

Ion 87.00 (86.70 to 87.70): VU038007.D (-978) (-)

4.55

300000

250000

200000

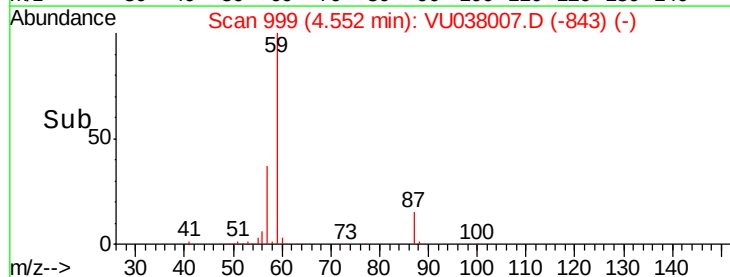
150000

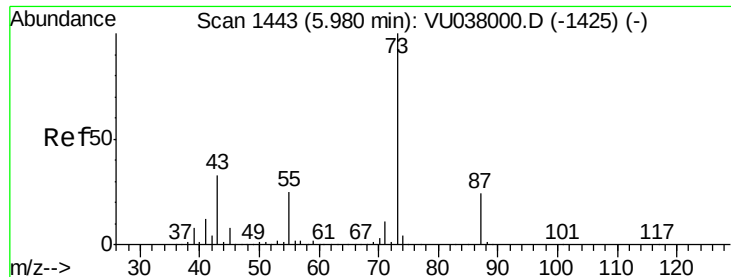
100000

50000

0

Time-->

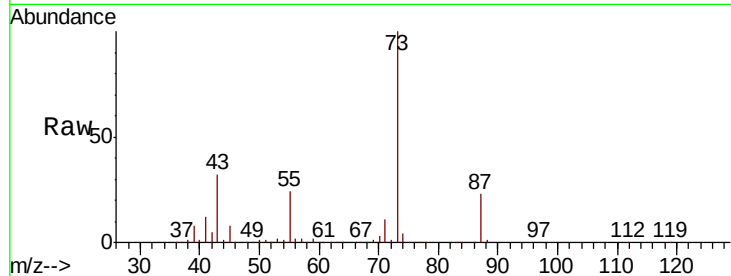




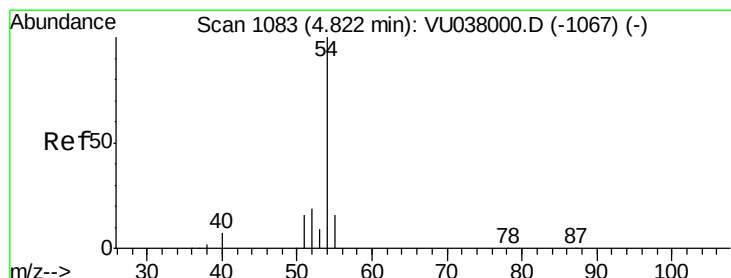
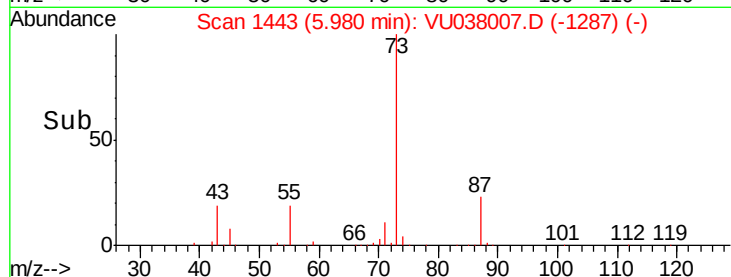
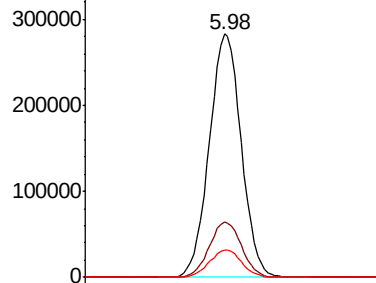
#33
Tert-Butyl methyl ether
Concen: 9.703 ug/l
RT: 5.98 min Scan# 1443
Delta R.T. -0.00 min
Lab File: VU038007.D
Acq: 04 May 2020 18:11

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
73	100		
87	23.1	18.9	28.3
71	11.4	9.1	13.7

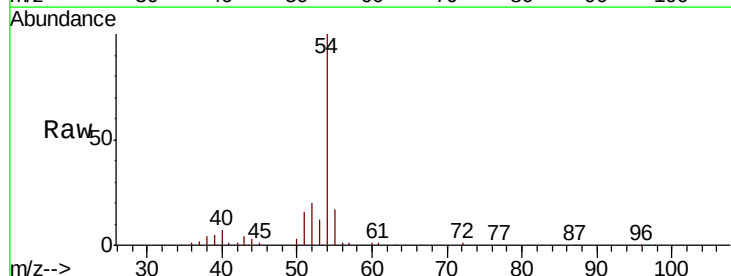


Abundance Ion 73.00 (72.70 to 73.70): VU038007.D (-1425) (-)
Ion 87.00 (86.70 to 87.70): VU038007.D (-1425) (-)
Ion 71.00 (70.70 to 71.70): VU038007.D (-1425) (-)

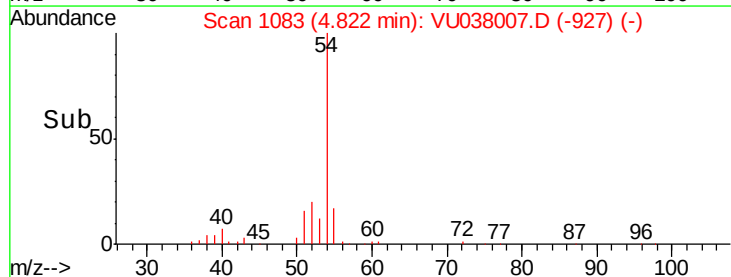
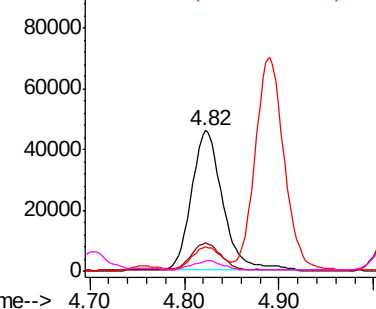


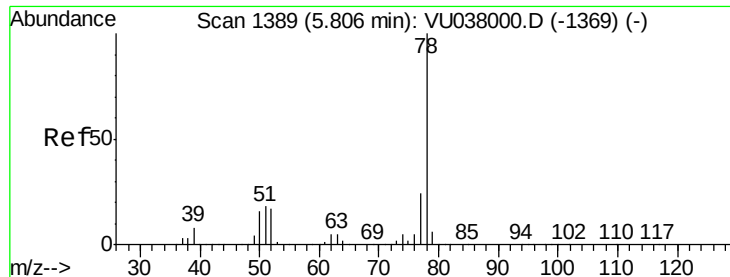
#34
Propionitrile
Concen: 48.331 ug/l
RT: 4.82 min Scan# 1083
Delta R.T. 0.00 min
Lab File: VU038007.D
Acq: 04 May 2020 18:11

Tgt Ion	Ratio	Lower	Upper
54	100		
52	18.2	15.8	23.8
55	16.4	13.2	19.8
40	5.8	5.2	7.8



Abundance Ion 54.00 (53.70 to 54.70): VU038007.D (-1067) (-)
Ion 52.00 (51.70 to 52.70): VU038007.D (-1067) (-)
Ion 55.00 (54.70 to 55.70): VU038007.D (-1067) (-)
Ion 40.00 (39.70 to 40.70): VU038007.D (-1067) (-)





#35

Benzene

Concen: 10.042 ug/l

RT: 5.81 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VU038007.D

Acq: 04 May 2020 18:11

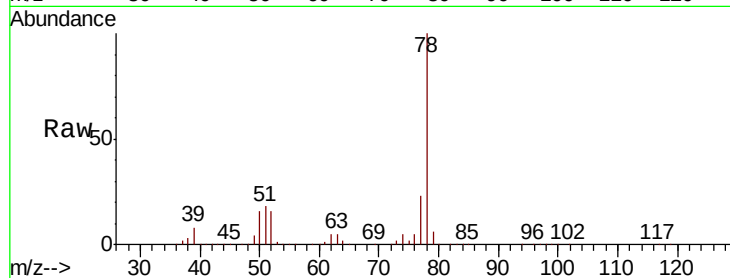
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 78 Resp: 1042801

Ion Ratio Lower Upper

78 100

77 23.3 19.3 28.9



Abundance Ion 78.10 (77.80 to 78.80): VU038007.D (-1233) (-)

Ion 77.00 (76.70 to 77.70): VU038007.D (-1233) (-)

5.81

600000

500000

400000

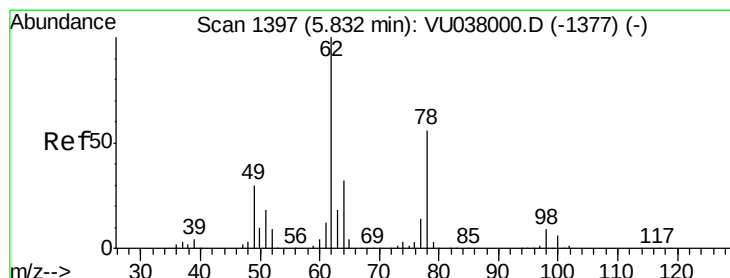
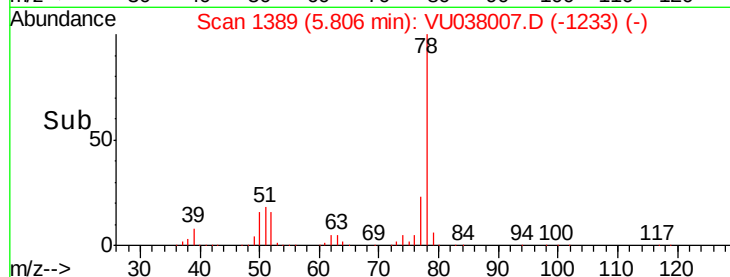
300000

200000

100000

0

Time--> 5.70 5.75 5.80 5.85 5.90



#36

1,2-Dichloroethane

Concen: 9.856 ug/l

RT: 5.83 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VU038007.D

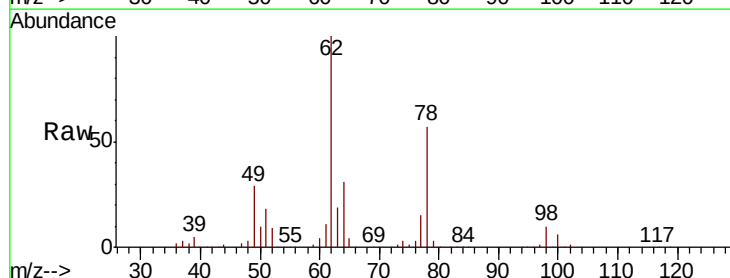
Acq: 04 May 2020 18:11

Tgt Ion: 62 Resp: 302778

Ion Ratio Lower Upper

62 100

98 9.5 7.3 10.9



Abundance Ion 62.00 (61.70 to 62.70): VU038007.D (-1241) (-)

Ion 98.00 (97.70 to 98.70): VU038007.D (-1241) (-)

5.83

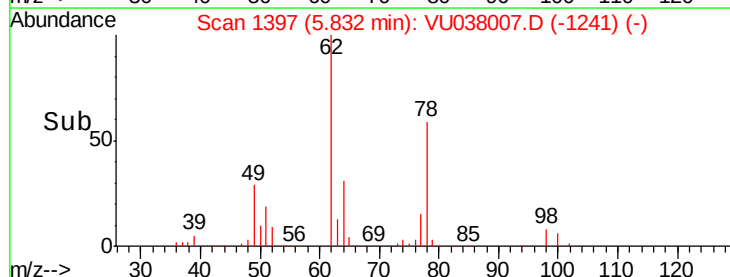
150000

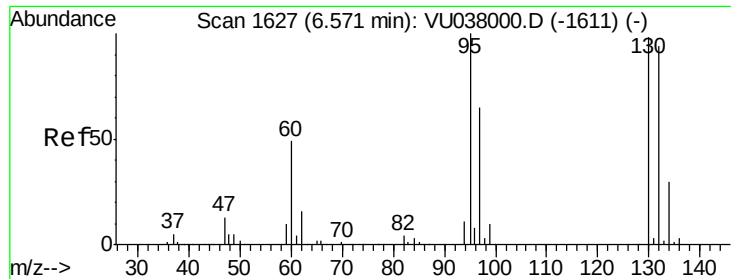
100000

50000

0

Time--> 5.75 5.80 5.85 5.90

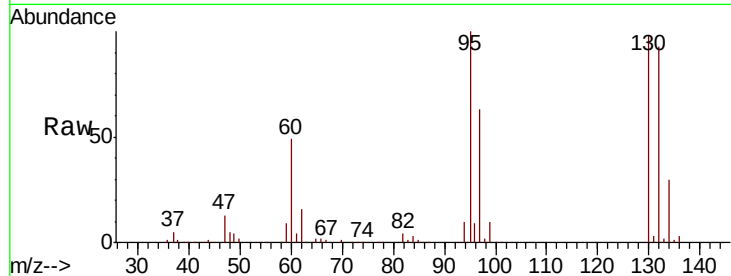




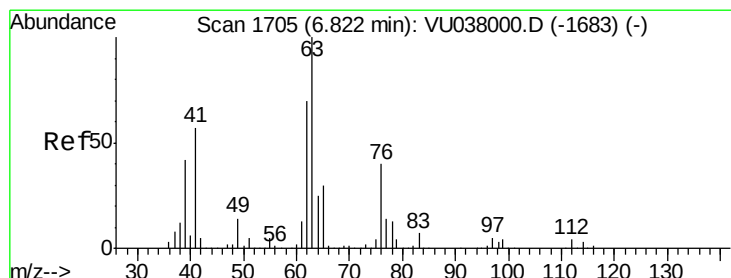
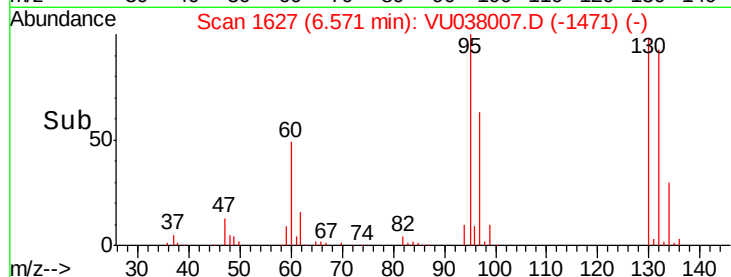
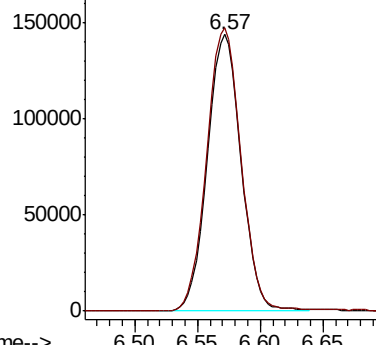
#37
 Trichloroethene
 Concen: 9.908 ug/l
 RT: 6.57 min Scan# 1627
 Delta R.T. -0.00 min
 Lab File: VU038007.D
 Acq: 04 May 2020 18:11

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion:130 Resp: 270110
 Ion Ratio Lower Upper
 130 100
 95 102.3 81.6 122.4

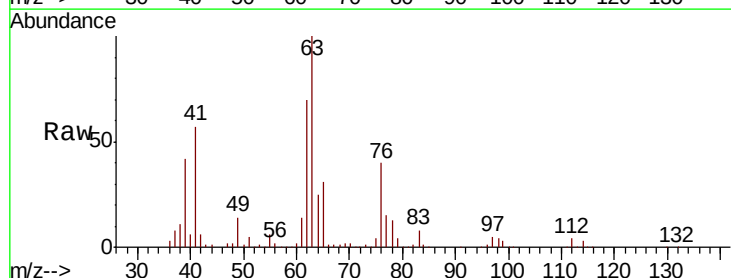


Abundance Ion 129.90 (129.60 to 130.60): VU038007.D (-1611) (-)
 Ion 94.90 (94.60 to 95.60): VU038007.D (-1611) (-)

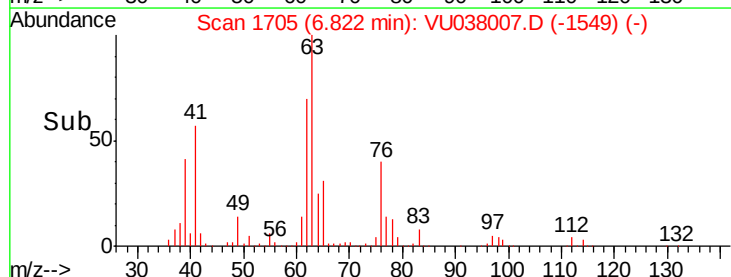
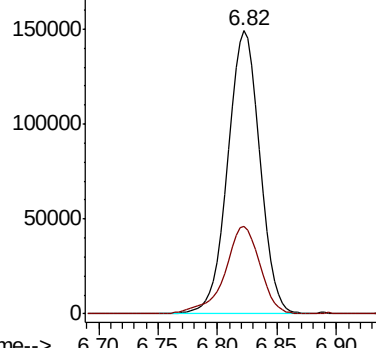


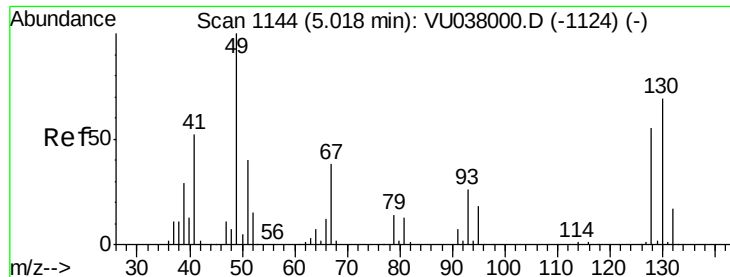
#38
 1,2-Dichloropropane
 Concen: 10.000 ug/l
 RT: 6.82 min Scan# 1705
 Delta R.T. 0.00 min
 Lab File: VU038007.D
 Acq: 04 May 2020 18:11

Tgt Ion: 63 Resp: 279401
 Ion Ratio Lower Upper
 63 100
 65 31.0 24.1 36.1



Abundance Ion 63.00 (62.70 to 63.70): VU038007.D (-1549) (-)
 Ion 65.00 (64.70 to 65.70): VU038007.D (-1549) (-)

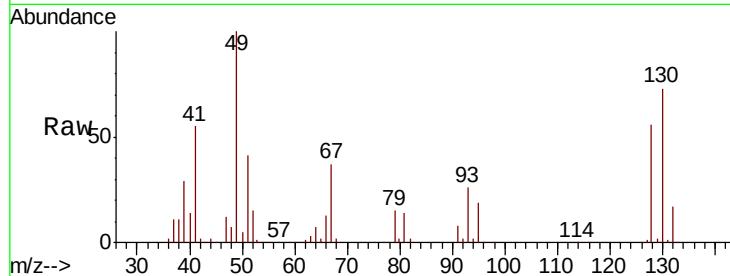




#39
Methacrylonitrile
Concen: 9.568 ug/l
RT: 5.02 min Scan# 1144
Delta R.T. 0.00 min
Lab File: VU038007.D
Acq: 04 May 2020 18:11

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:	41	Resp:	96706
Ion	Ratio	Lower	Upper
41	100		
67	68.5	58.0	87.0
39	52.3	43.2	64.8
52	27.6	22.9	34.3



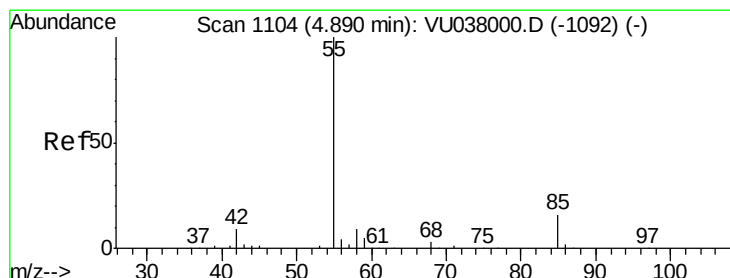
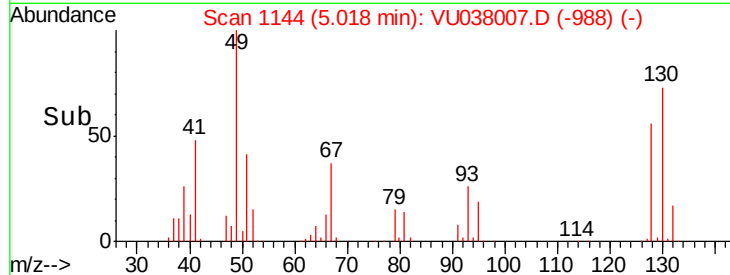
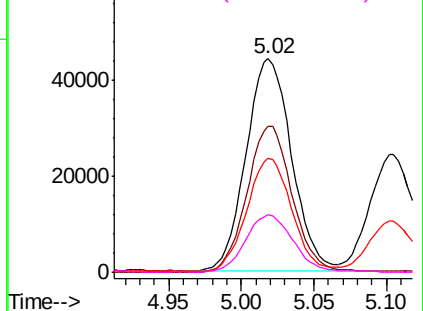
Abundance

Ion 41.00 (40.70 to 41.70): VU0

Ion 67.00 (66.70 to 67.70): VU0

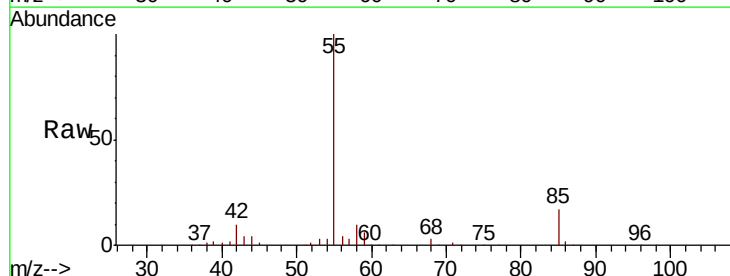
Ion 39.00 (38.70 to 39.70): VU0

Ion 52.00 (51.70 to 52.70): VU0



#40
Methyl acrylate
Concen: 9.935 ug/l
RT: 4.89 min Scan# 1104
Delta R.T. 0.00 min
Lab File: VU038007.D
Acq: 04 May 2020 18:11

Tgt Ion:	55	Resp:	147960
Ion	Ratio	Lower	Upper
55	100		
85	16.6	12.9	19.3
58	9.3	7.2	10.8
42	10.0	8.1	12.1



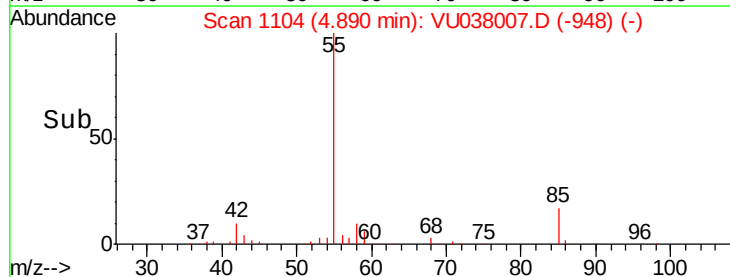
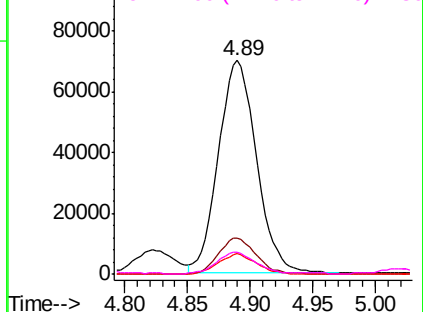
Abundance

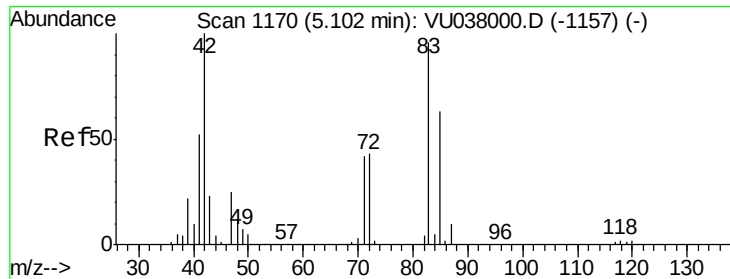
Ion 55.00 (54.70 to 55.70): VU0

Ion 85.00 (84.70 to 85.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

Ion 42.00 (41.70 to 42.70): VU0





#41

Tetrahydrofuran

Concen: 18.529 ug/l

RT: 5.11 min Scan# 1171

Delta R.T. 0.00 min

Lab File: VU038007.D

Acq: 04 May 2020 18:11

Instrument :

MSVOA_U

ClientSampleId :

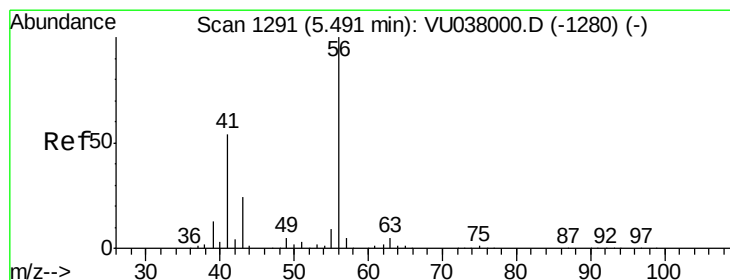
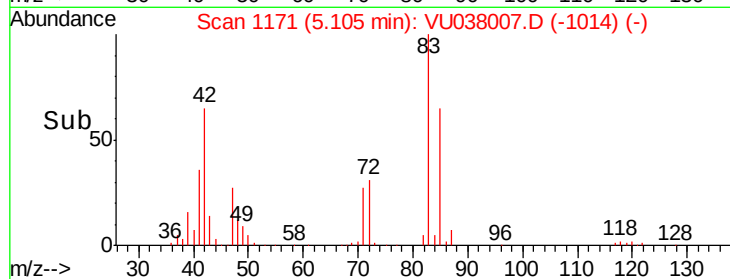
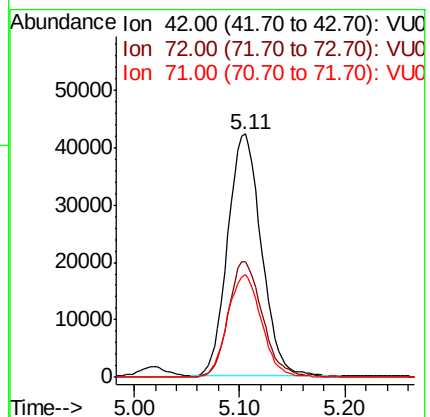
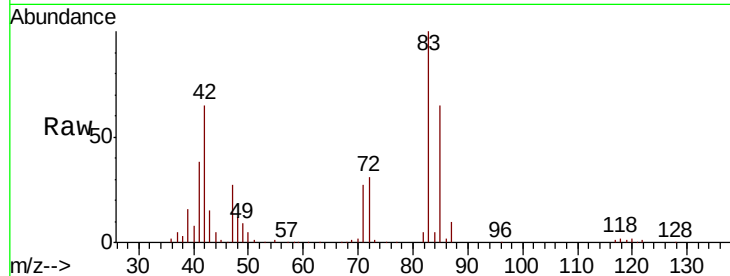
Tot Ion: 42 Resp: 93410

Ion Ratio Lower Upper

42 100

72 48.6 37.4 56.2

71 42.8 32.8 49.2



#42

1-Chlorobutane

Concen: 10.123 ug/l

RT: 5.49 min Scan# 1291

Delta R.T. 0.00 min

Lab File: VU038007.D

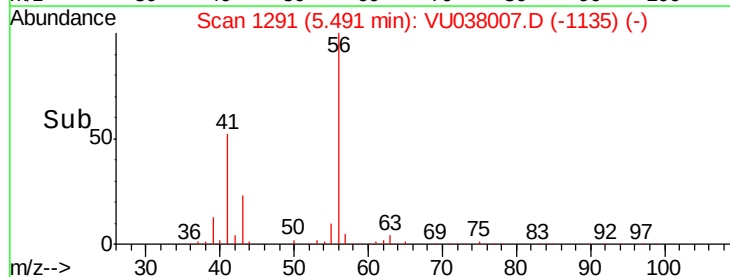
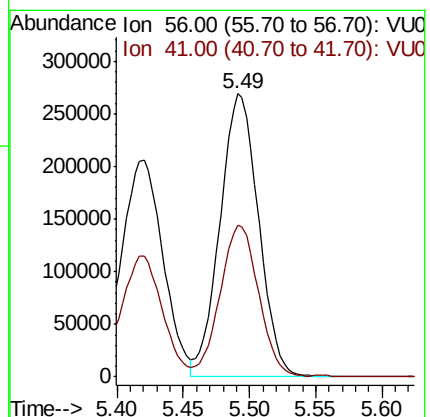
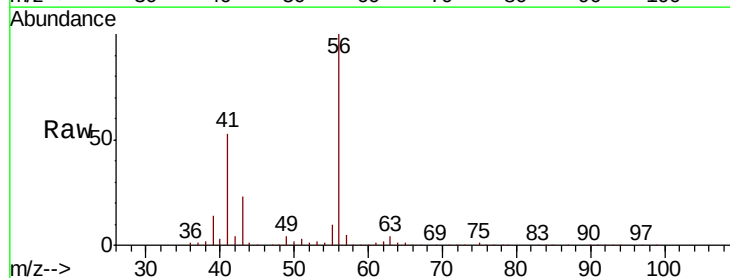
Acq: 04 May 2020 18:11

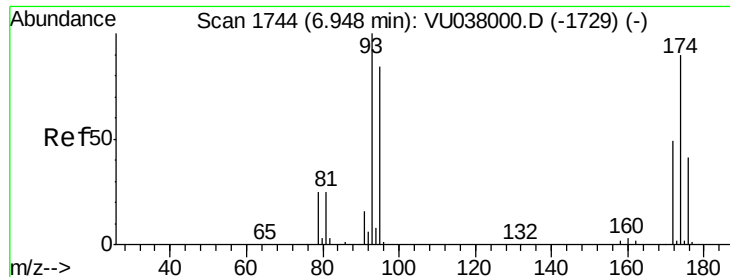
Tgt Ion: 56 Resp: 541222

Ion Ratio Lower Upper

56 100

41 53.2 26.8 80.4





#43

Dibromomethane

Concen: 9.806 ug/l

RT: 6.95 min Scan# 1744

Delta R.T. 0.00 min

Lab File: VU038007.D

Acq: 04 May 2020 18:11

Instrument :

MSVOA_U

ClientSampled :

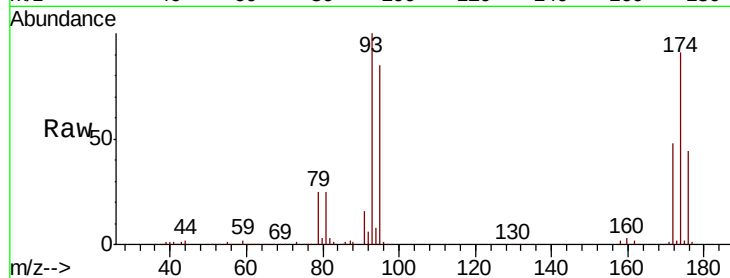
Tot Ion: 93 Resp: 127635

Ion Ratio Lower Upper

93 100

95 81.7 66.1 99.1

174 90.0 72.8 109.2

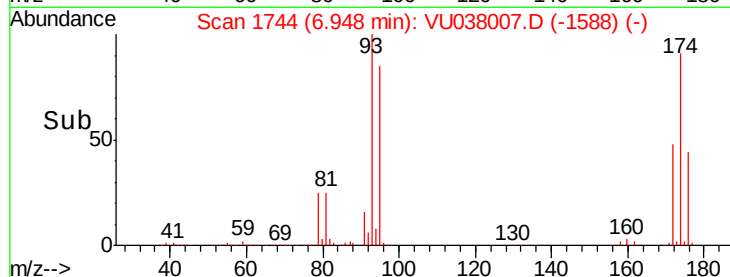


Abundance Ion 93.00 (92.70 to 93.70): VU038007.D (-1729) (-)

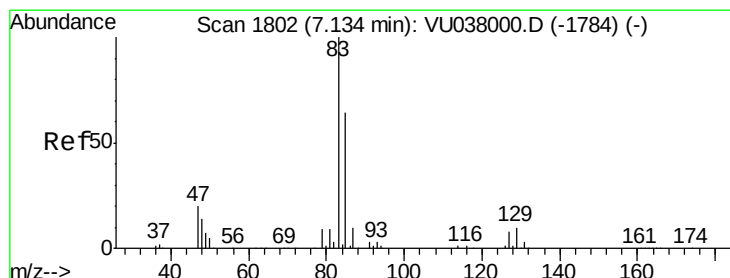
Ion 95.00 (94.70 to 95.70): VU038007.D (-1729) (-)

Ion 174.00 (173.70 to 174.70): VU038007.D (-1729) (-)

Time-->



Time-->



#44

Bromodichloromethane

Concen: 10.196 ug/l

RT: 7.13 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VU038007.D

Acq: 04 May 2020 18:11

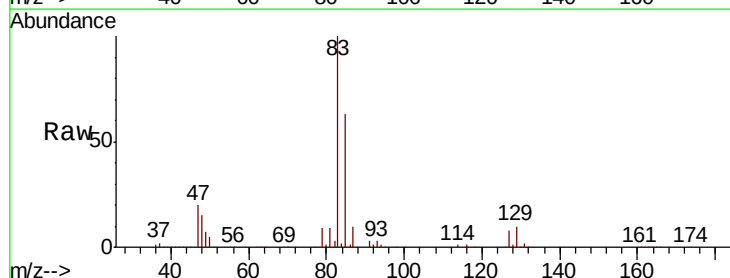
Tgt Ion: 83 Resp: 333334

Ion Ratio Lower Upper

83 100

85 63.3 51.4 77.0

127 7.8 6.2 9.2

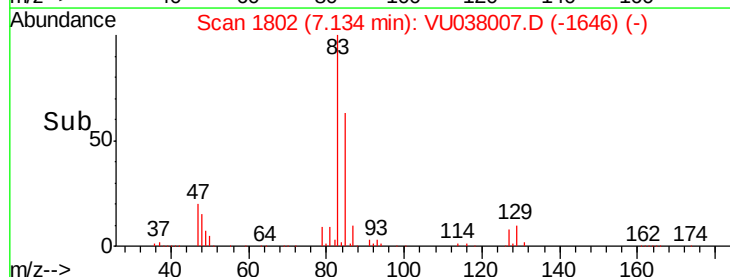


Abundance Ion 83.00 (82.70 to 83.70): VU038007.D (-1784) (-)

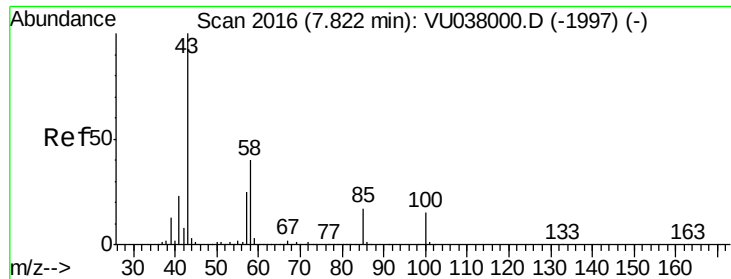
Ion 85.00 (84.70 to 85.70): VU038007.D (-1784) (-)

Ion 127.00 (126.70 to 127.70): VU038007.D (-1784) (-)

Time-->



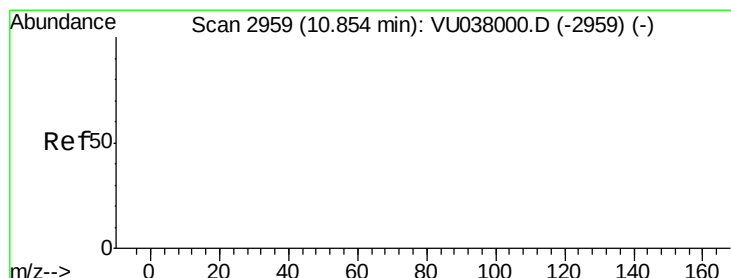
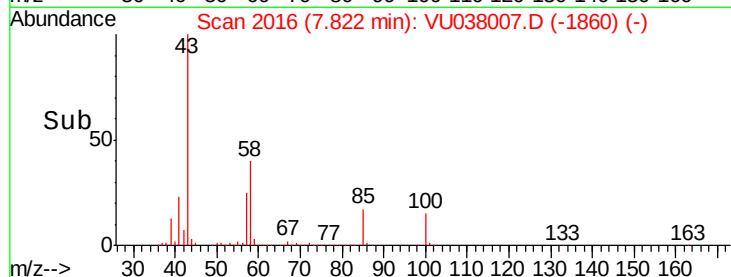
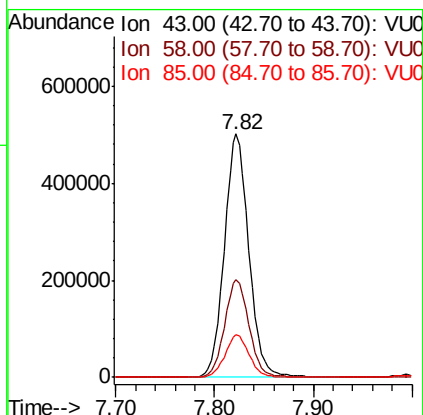
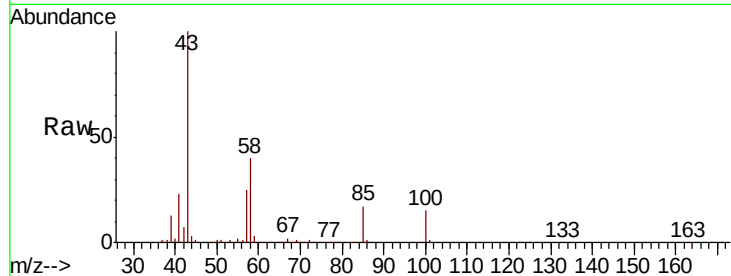
Time-->



#45
4-Methyl-2-Pentanone
Concen: 49.074 ug/l
RT: 7.82 min Scan# 2016
Delta R.T. -0.00 min
Lab File: VU038007.D
Acq: 04 May 2020 18:11

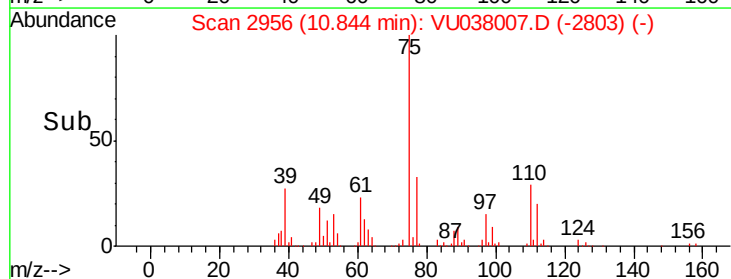
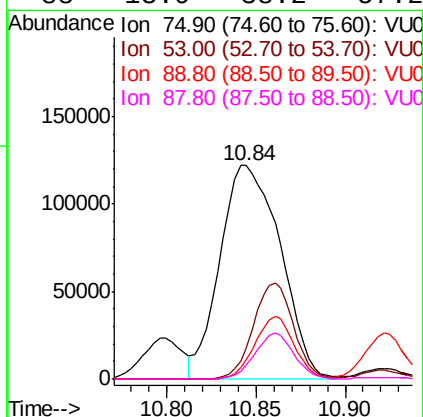
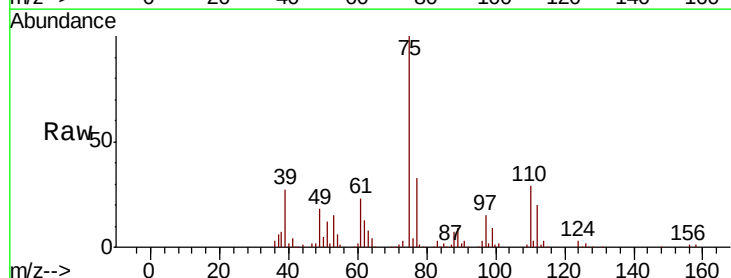
Instrument :
MSVOA_U
ClientSampled :

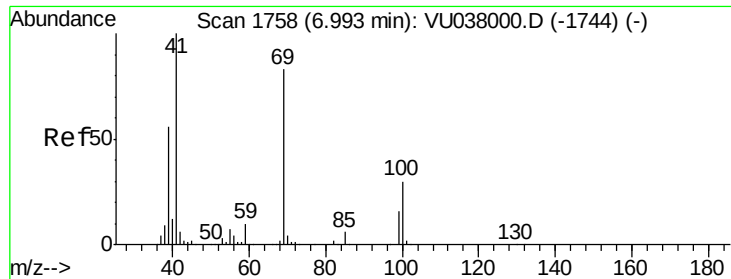
Tot Ion	Ratio	Lower	Upper
43	100		
58	40.2	20.1	60.3
85	17.3	13.7	20.5



#46
t-1,4-Dichloro-2-butene
Concen: 52.349 ug/l
RT: 10.84 min Scan# 2956
Delta R.T. -0.01 min
Lab File: VU038007.D
Acq: 04 May 2020 18:11

Tgt Ion	Ratio	Lower	Upper
75	100		
53	30.1	81.1	121.7#
89	19.3	53.2	79.8#
88	13.9	38.2	57.2#

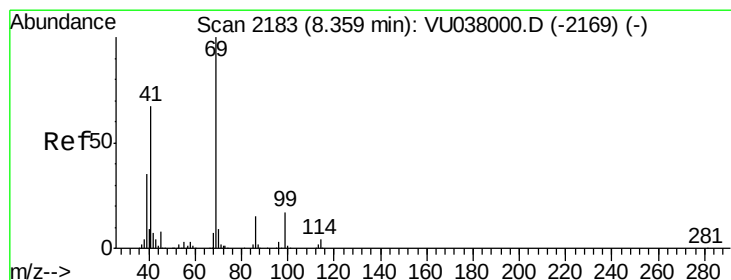
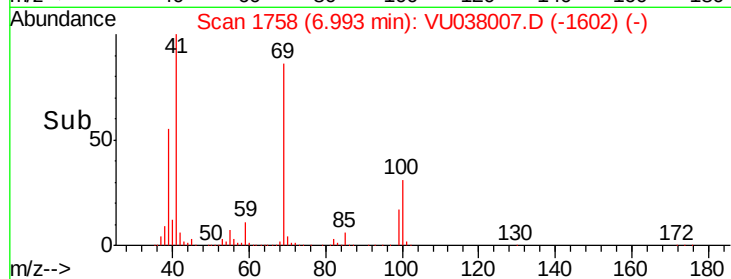
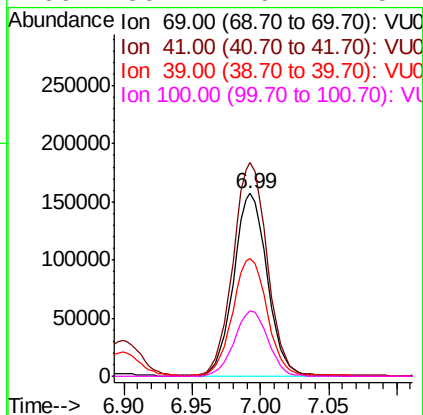
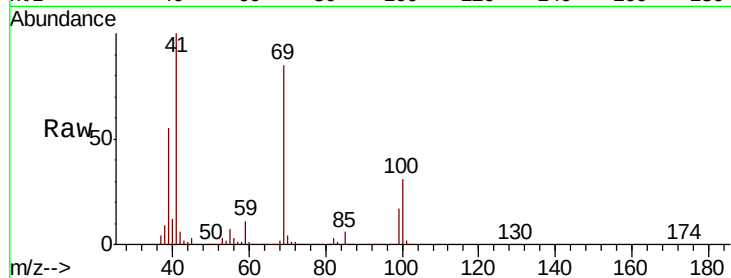




#47
Methvl methacrylate
Concen: 20.309 ug/l
RT: 6.99 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VU038007.D
Acq: 04 May 2020 18:11

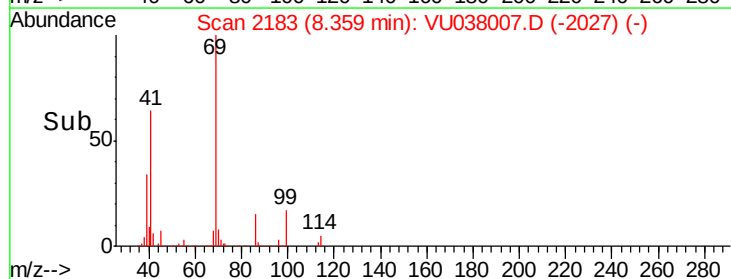
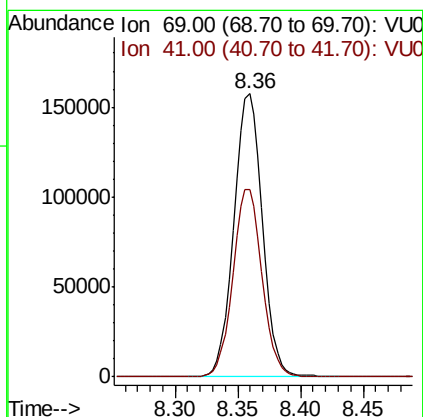
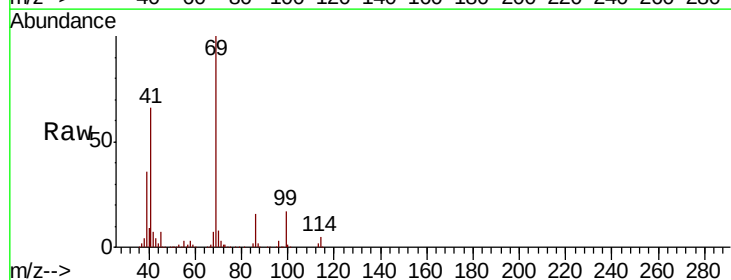
Instrument :
MSVOA_U
ClientSampleId :

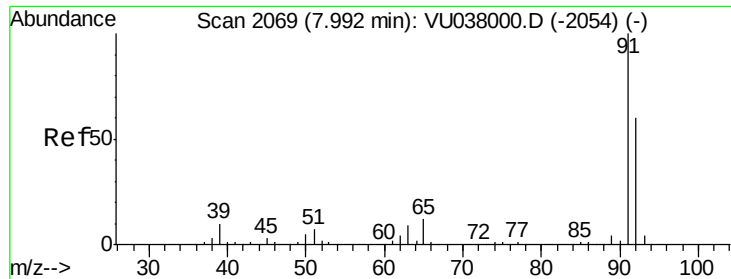
Tot Ion: 69 Resp: 268823
Ion Ratio Lower Upper
69 100
41 118.5 0.0 241.6
39 65.8 52.9 79.3
100 36.1 29.1 43.7



#48
Ethyl methacrylate
Concen: 10.149 ug/l
RT: 8.36 min Scan# 2183
Delta R.T. 0.00 min
Lab File: VU038007.D
Acq: 04 May 2020 18:11

Tgt Ion: 69 Resp: 248720
Ion Ratio Lower Upper
69 100
41 67.4 33.6 100.8





#49

Toluene

Concen: 10.174 ug/l

RT: 7.99 min Scan# 2069

Delta R.T. 0.00 min

Lab File: VU038007.D

Acq: 04 May 2020 18:11

Instrument :

MSVOA_U

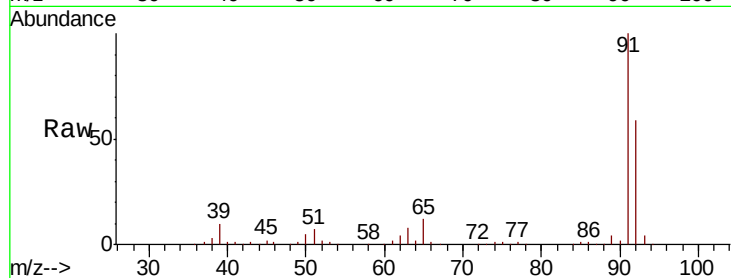
ClientSampleId :

Tot Ion: 92 Resp: 667949

Ion Ratio Lower Upper

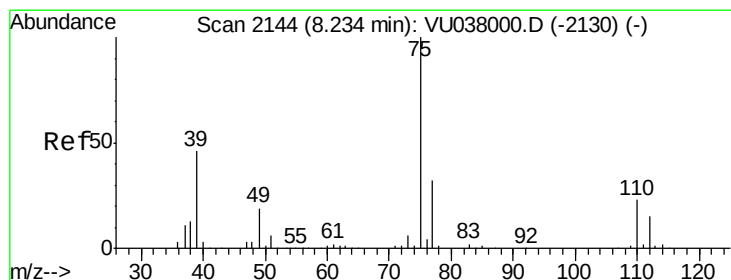
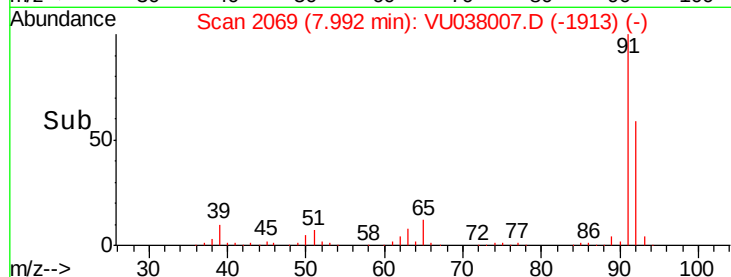
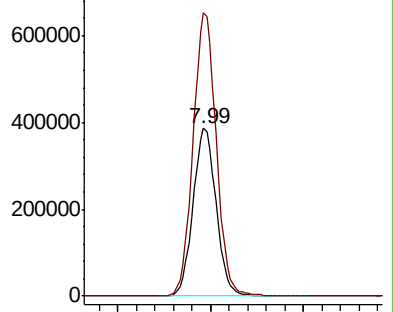
92 100

91 169.2 134.4 201.6



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: 9.841 ug/l

RT: 8.23 min Scan# 2144

Delta R.T. 0.00 min

Lab File: VU038007.D

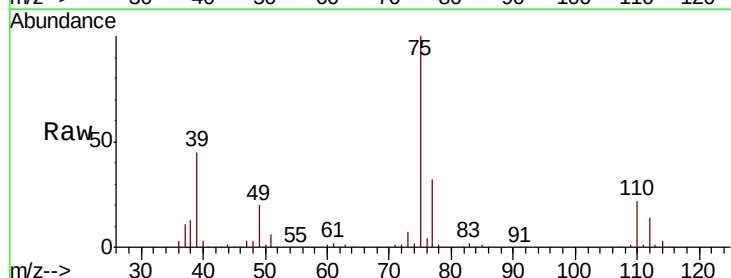
Acq: 04 May 2020 18:11

Tgt Ion: 75 Resp: 328712

Ion Ratio Lower Upper

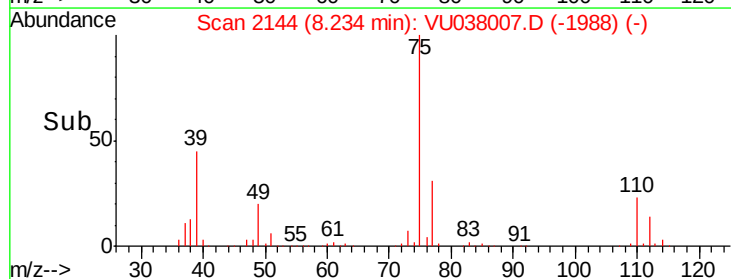
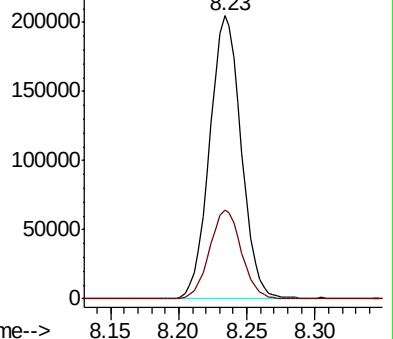
75 100

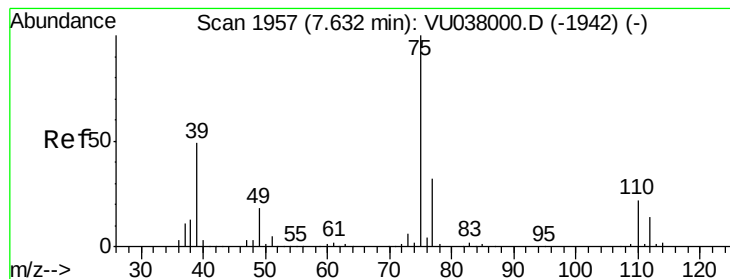
77 31.5 25.8 38.8



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

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



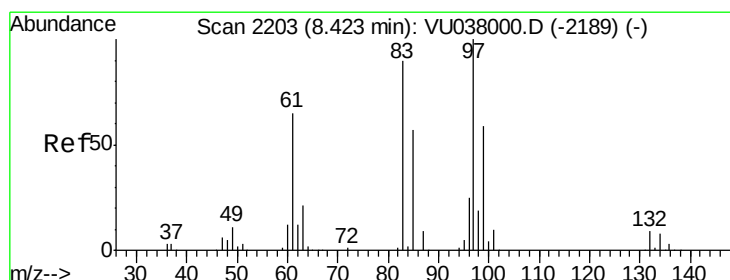
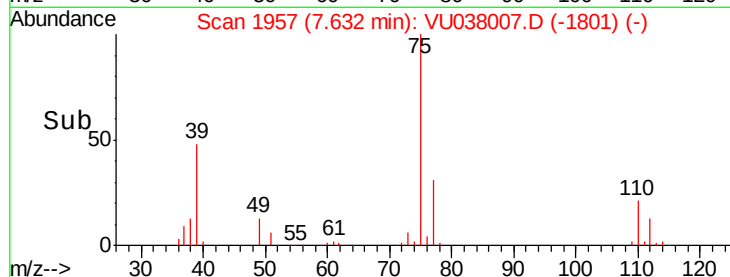
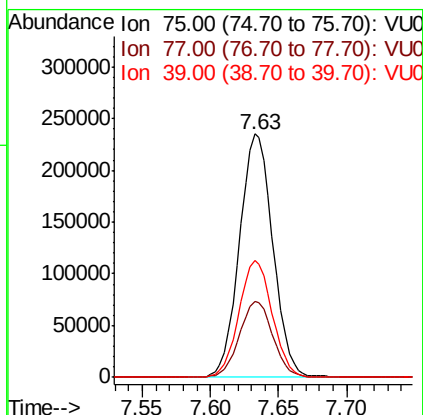
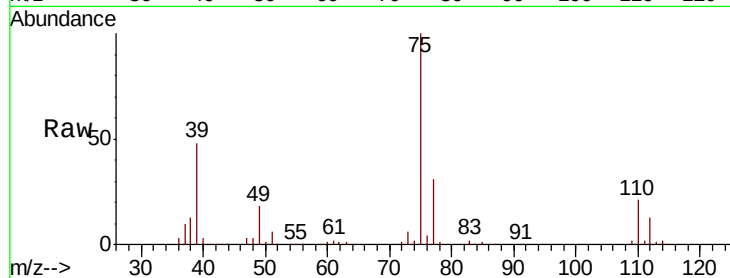


#51

cis-1,3-Dichloropropene
 Concen: 9.963 ug/l
 RT: 7.63 min Scan# 1957
 Delta R.T. -0.00 min
 Lab File: VU038007.D
 Acq: 04 May 2020 18:11

Instrument :
 MSVOA_U
 ClientSampleId :

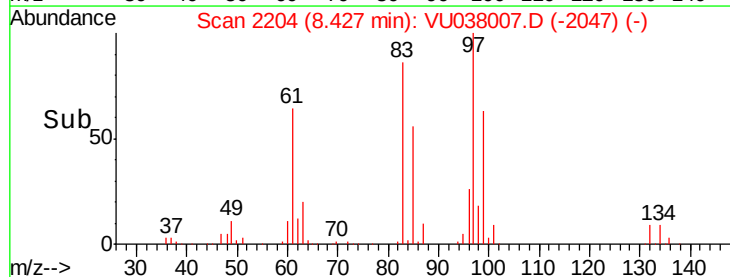
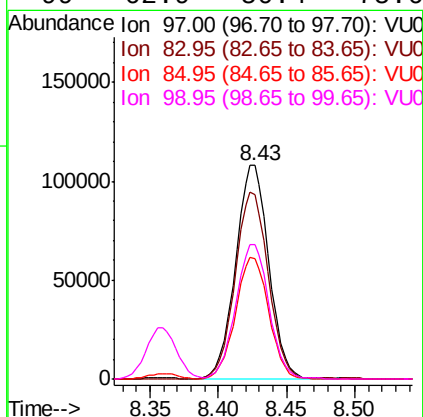
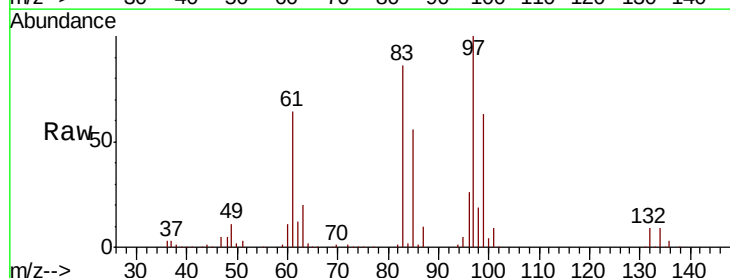
Tot Ion	Ratio	Lower	Upper
75	100		
77	31.0	25.5	38.3
39	48.1	39.0	58.4

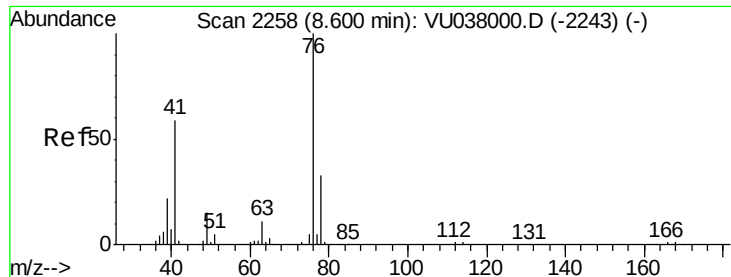


#52

1,1,2-Trichloroethane
 Concen: 9.920 ug/l
 RT: 8.43 min Scan# 2204
 Delta R.T. 0.00 min
 Lab File: VU038007.D
 Acq: 04 May 2020 18:11

Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.1	72.4	108.6
85	56.2	46.0	69.0
99	62.9	50.4	75.6





#53

1,3-Dichloropropane

Concen: 10.030 ug/l

RT: 8.60 min Scan# 2258

Delta R.T. 0.00 min

Lab File: VU038007.D

Acq: 04 May 2020 18:11

Instrument :

MSVOA_U

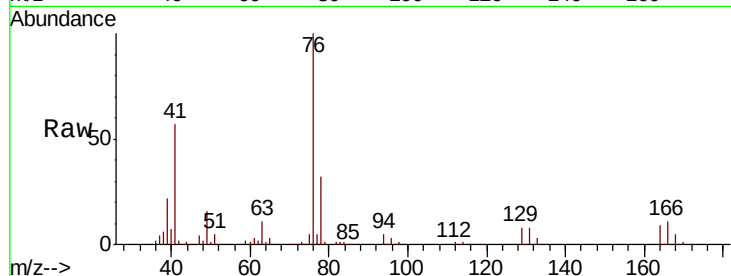
ClientSampleId :

Tot Ion: 76 Resp: 347059

Ion Ratio Lower Upper

76 100

78 32.0 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

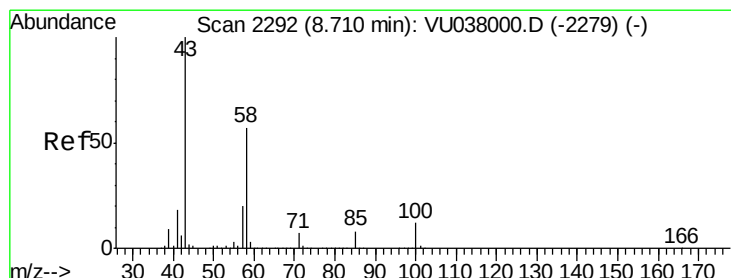
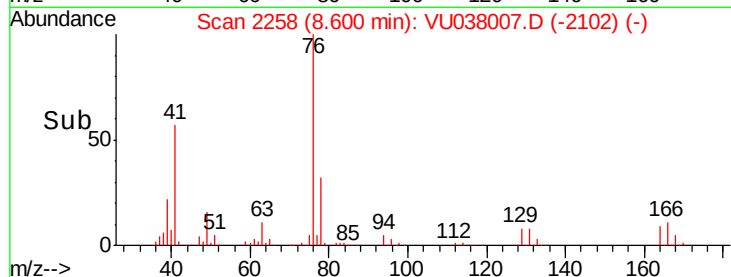
150000

100000

50000

0

Time--> 8.50 8.55 8.60 8.65 8.70



#54

2-Hexanone

Concen: 47.980 ug/l

RT: 8.71 min Scan# 2292

Delta R.T. 0.00 min

Lab File: VU038007.D

Acq: 04 May 2020 18:11

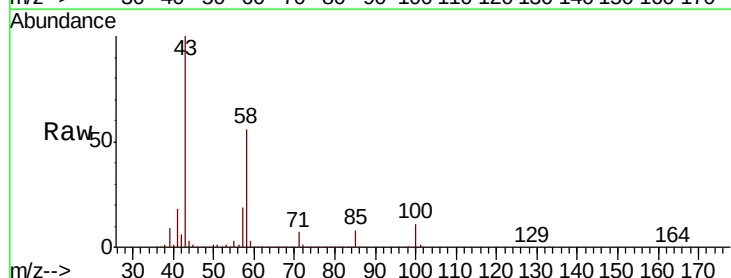
Tgt Ion: 43 Resp: 600786

Ion Ratio Lower Upper

43 100

58 56.6 36.5 76.5

57 19.2 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

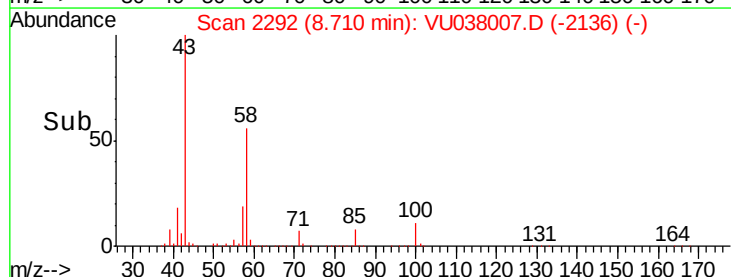
300000

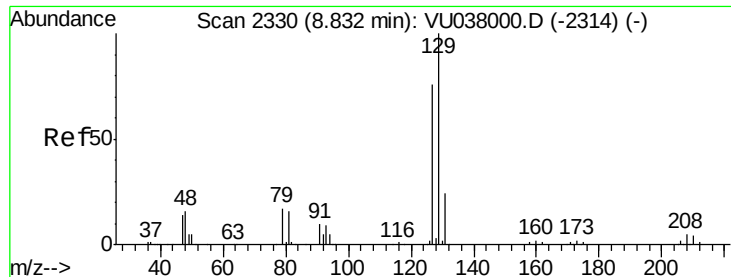
200000

100000

0

Time--> 8.60 8.70 8.80





#55

Dibromochloromethane

Concen: 10.185 ug/l

RT: 8.83 min Scan# 2330

Delta R.T. 0.00 min

Lab File: VU038007.D

Acq: 04 May 2020 18:11

Instrument :

MSVOA_U

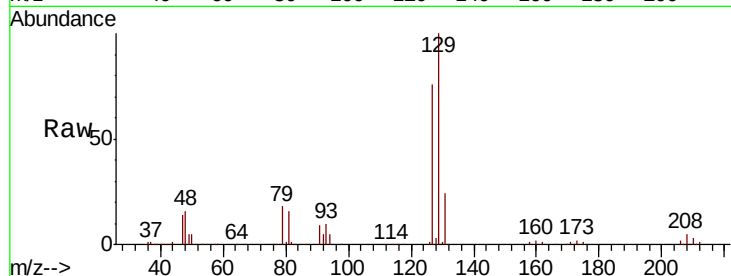
ClientSampleId :

Tot Ion:129 Resp: 208014

Ion Ratio Lower Upper

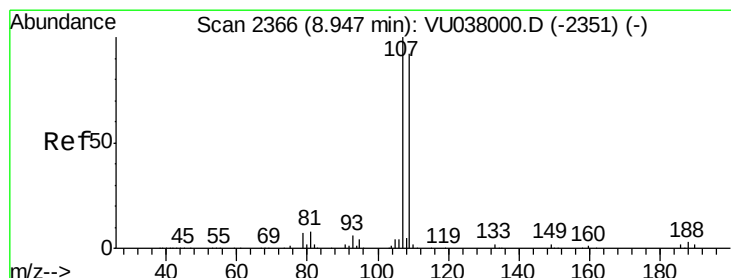
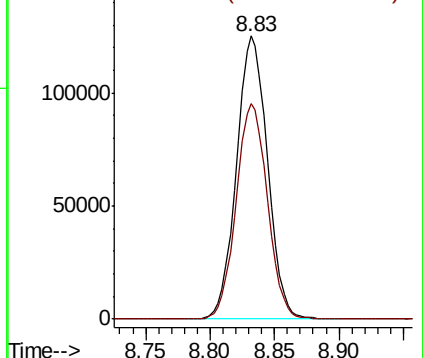
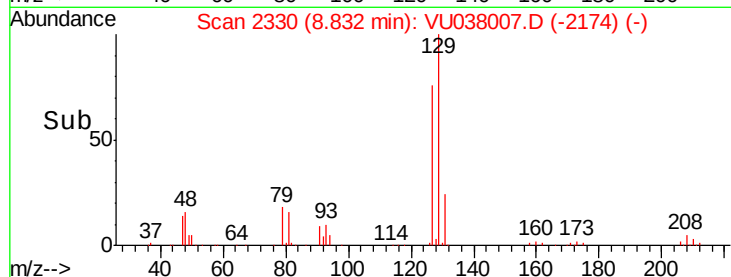
129 100

127 77.3 62.2 93.2



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#56

1,2-Dibromoethane

Concen: 9.696 ug/l

RT: 8.95 min Scan# 2366

Delta R.T. 0.00 min

Lab File: VU038007.D

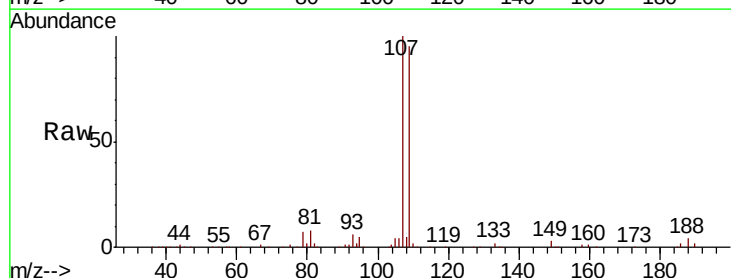
Acq: 04 May 2020 18:11

Tgt Ion:107 Resp: 168579

Ion Ratio Lower Upper

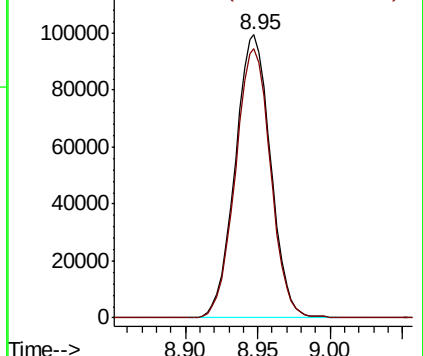
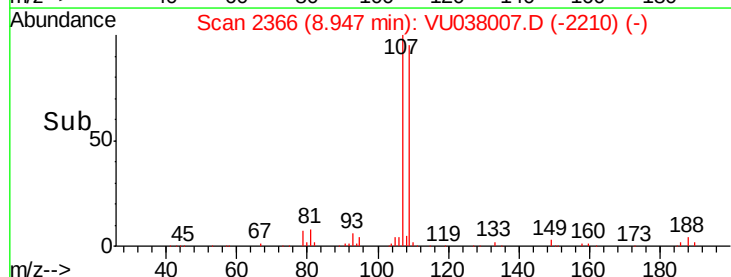
107 100

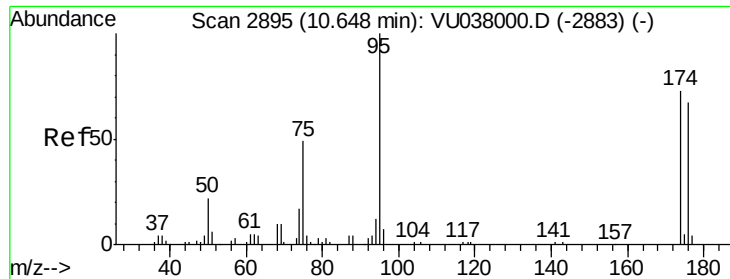
109 94.8 0.0 184.6



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

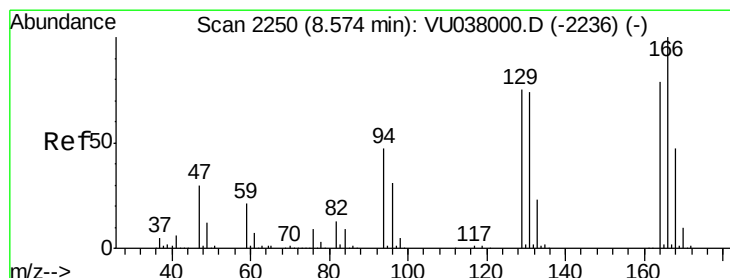
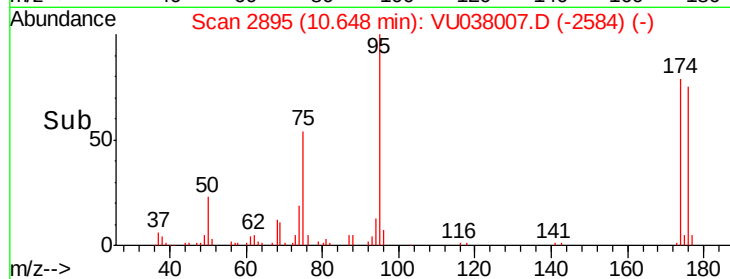
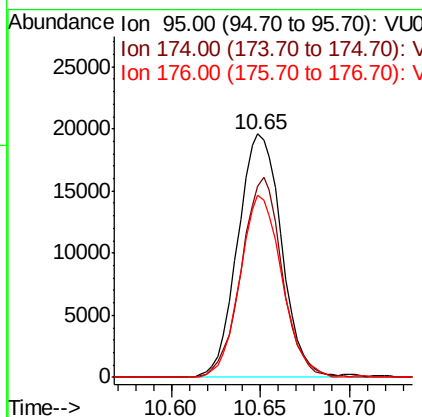
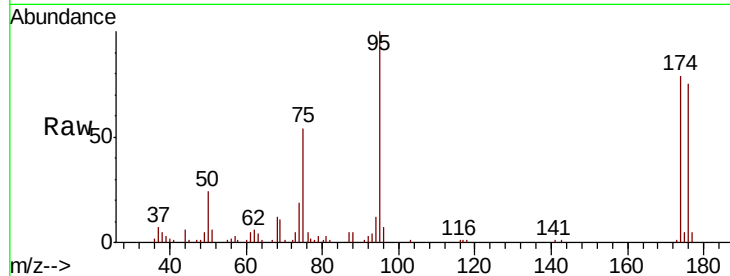




#57
4-Bromofluorobenzene
Concen: 0.980 ug/l
RT: 10.65 min Scan# 2895
Delta R.T. 0.00 min
Lab File: VU038007.D
Acq: 04 May 2020 18:11

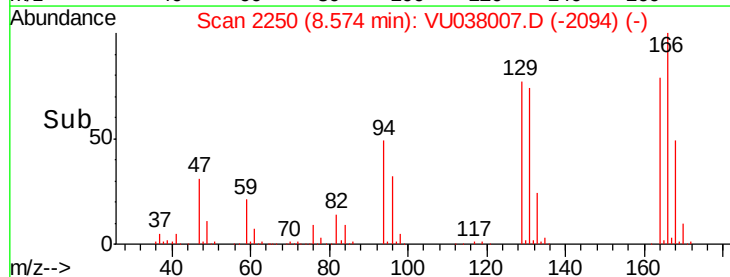
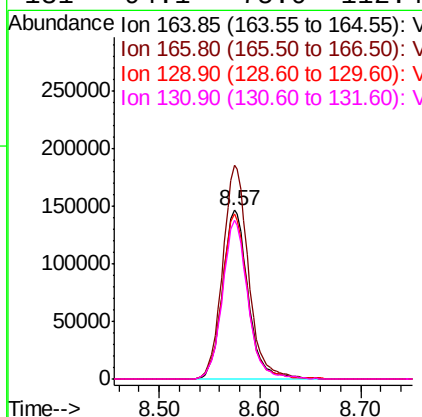
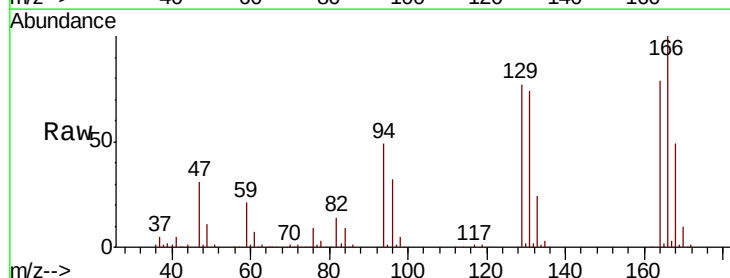
Instrument :
MSVOA_U
ClientSampleId :

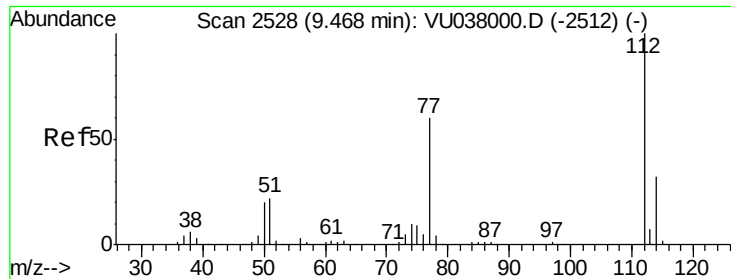
Tot Ion: 95 Resp: 33463
Ion Ratio Lower Upper
95 100
174 76.5 61.2 91.8
176 72.1 57.1 85.7



#58
Tetrachloroethene
Concen: 10.238 ug/l
RT: 8.57 min Scan# 2250
Delta R.T. -0.00 min
Lab File: VU038007.D
Acq: 04 May 2020 18:11

Tgt Ion: 164 Resp: 260524
Ion Ratio Lower Upper
164 100
166 126.5 101.5 152.3
129 97.8 76.6 114.8
131 94.1 75.0 112.4





#59

Chlorobenzene

Concen: 10.135 ug/l

RT: 9.47 min Scan# 2528

Delta R.T. 0.00 min

Lab File: VU038007.D

Acq: 04 May 2020 18:11

Instrument :

MSVOA_U

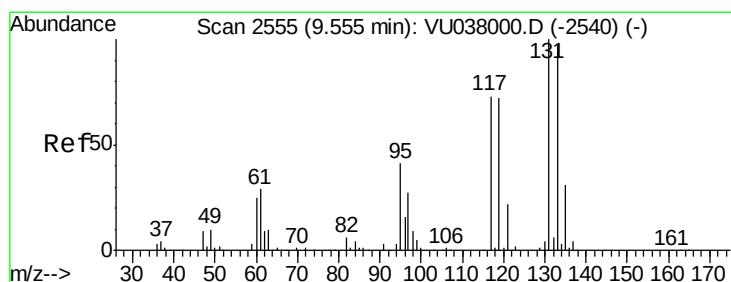
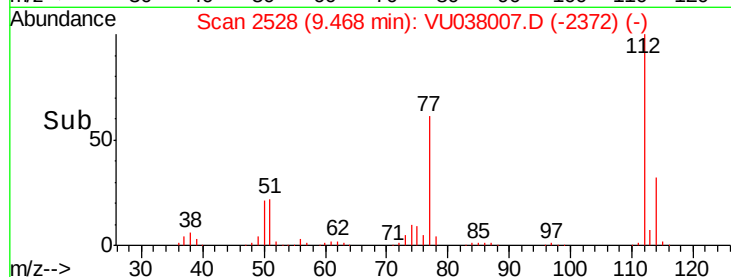
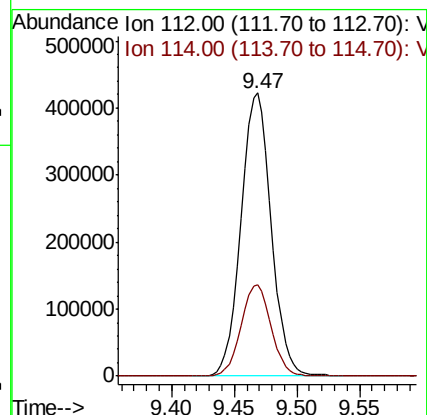
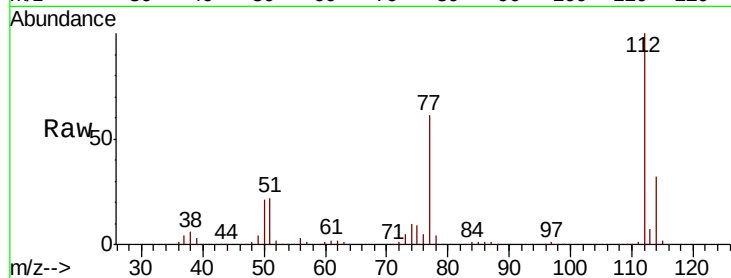
ClientSampled :

Tot Ion:112 Resp: 706447

Ion Ratio Lower Upper

112 100

114 32.3 25.7 38.5



#60

1,1,1,2-Tetrachloroethane

Concen: 10.227 ug/l

RT: 9.56 min Scan# 2555

Delta R.T. -0.00 min

Lab File: VU038007.D

Acq: 04 May 2020 18:11

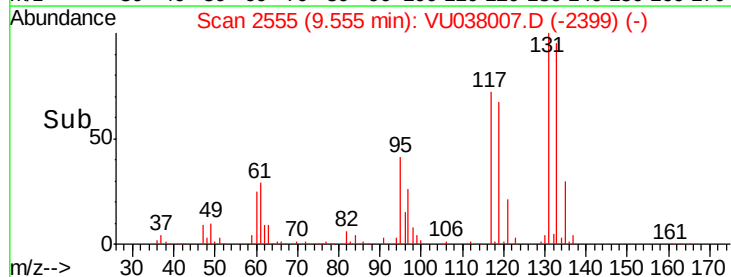
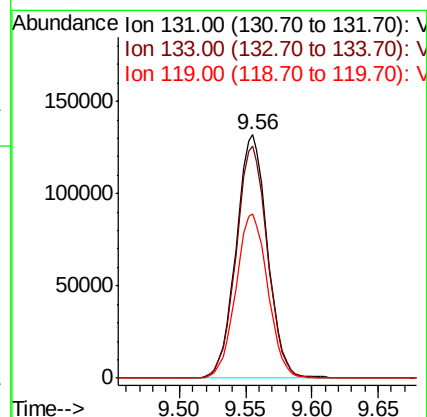
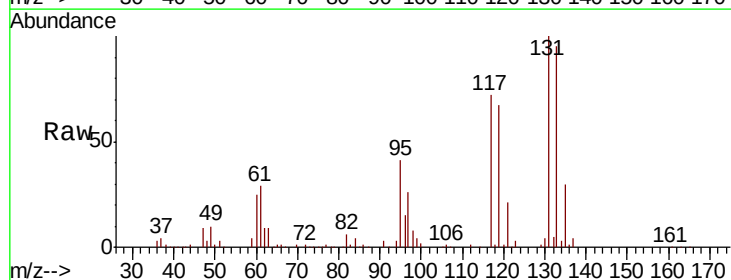
Tgt Ion:131 Resp: 216424

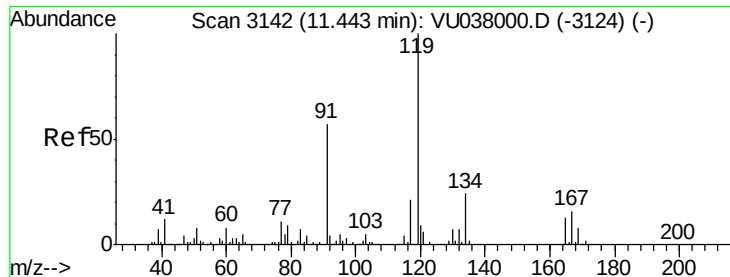
Ion Ratio Lower Upper

131 100

133 95.5 76.8 115.2

119 68.8 56.7 85.1





#61

Pentachloroethane

Concen: 10.091 ug/l

RT: 11.44 min Scan# 3142

Delta R.T. -0.00 min

Lab File: VU038007.D

Acq: 04 May 2020 18:11

Instrument :

MSVOA_U

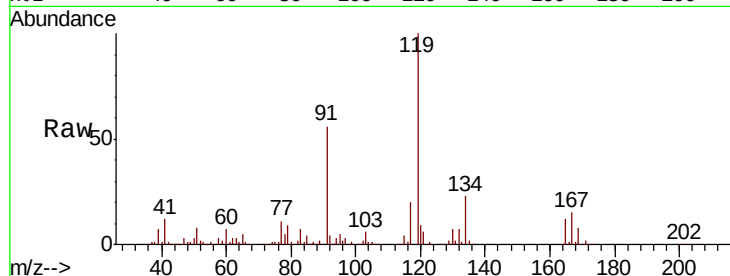
ClientSampleId :

Tot Ion:117 Resp: 159966

Ion Ratio Lower Upper

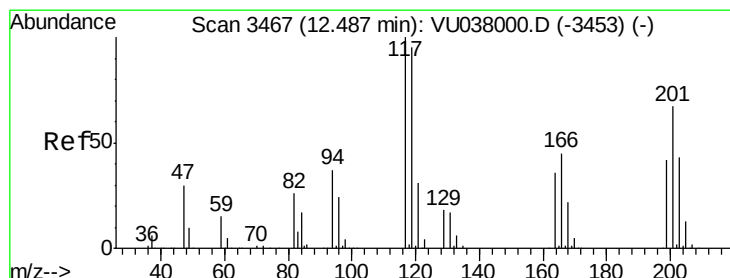
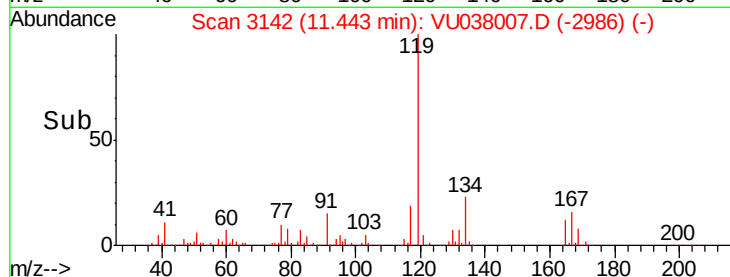
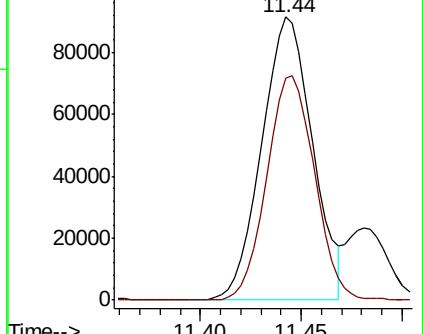
117 100

167 74.6 60.3 90.5



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 166.70 (166.40 to 167.40): V



#62

Hexachloroethane

Concen: 9.457 ug/l

RT: 12.49 min Scan# 3467

Delta R.T. 0.00 min

Lab File: VU038007.D

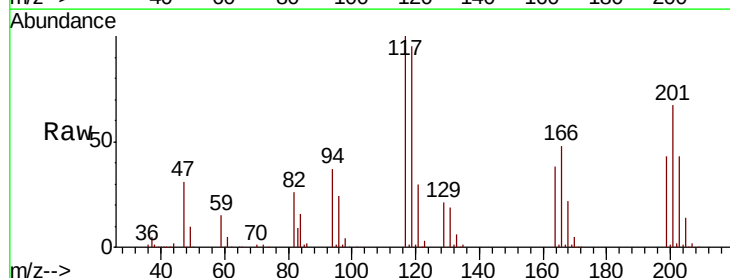
Acq: 04 May 2020 18:11

Tgt Ion:117 Resp: 156031

Ion Ratio Lower Upper

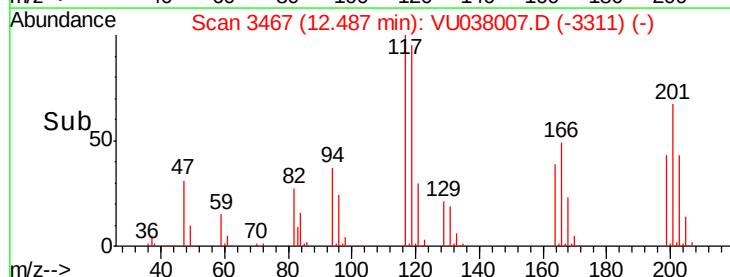
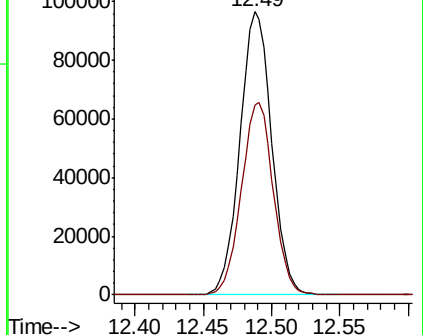
117 100

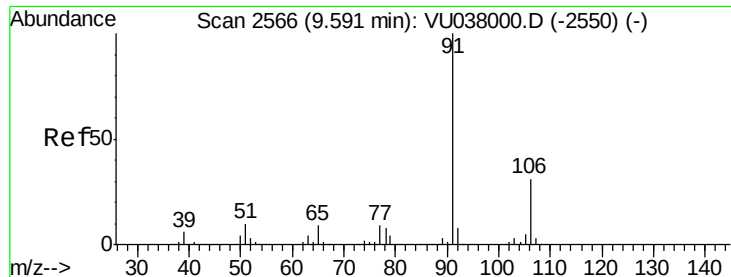
201 68.2 54.7 82.1



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.60 (200.30 to 201.30): V

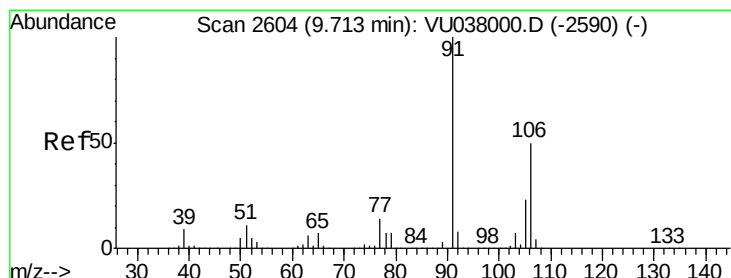
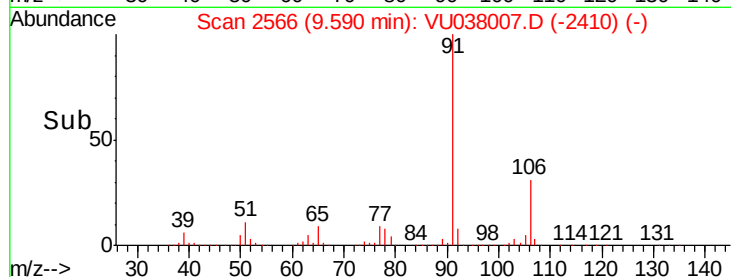
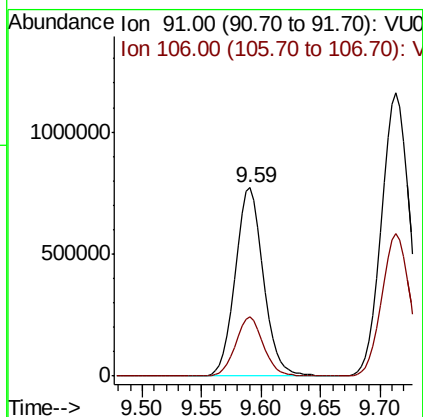
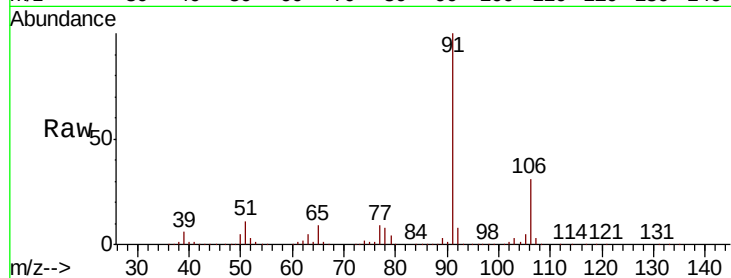




#63
Ethyl Benzene
Concen: 10.228 ug/l
RT: 9.59 min Scan# 2566
Delta R.T. -0.00 min
Lab File: VU038007.D
Acq: 04 May 2020 18:11

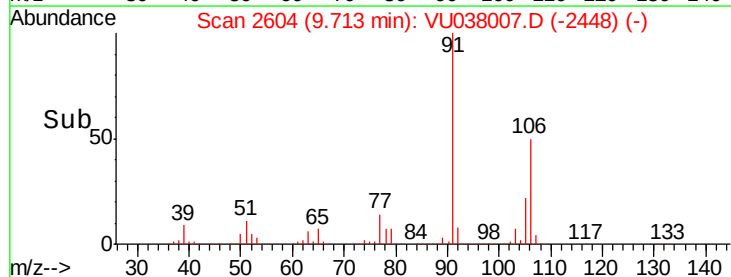
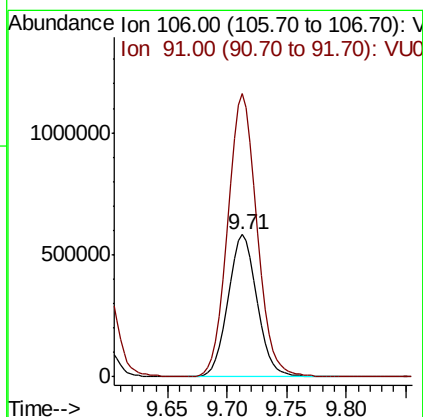
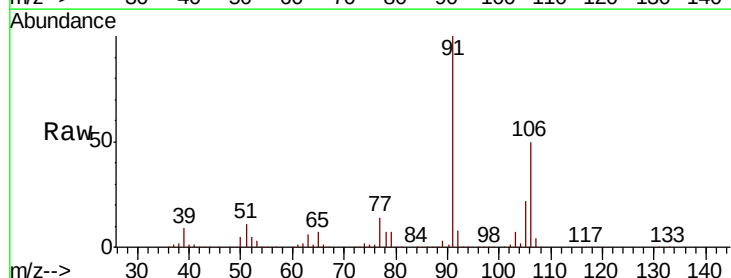
Instrument :
MSVOA_U
ClientSampleId :

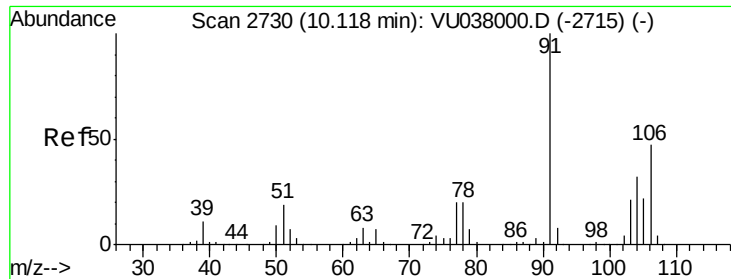
Tot Ion: 91 Resp: 1268438
Ion Ratio Lower Upper
91 100
106 31.2 24.9 37.3



#64
m/p-Xylenes
Concen: 20.597 ug/l
RT: 9.71 min Scan# 2604
Delta R.T. -0.00 min
Lab File: VU038007.D
Acq: 04 May 2020 18:11

Tgt Ion: 106 Resp: 983133
Ion Ratio Lower Upper
106 100
91 200.5 159.5 239.3

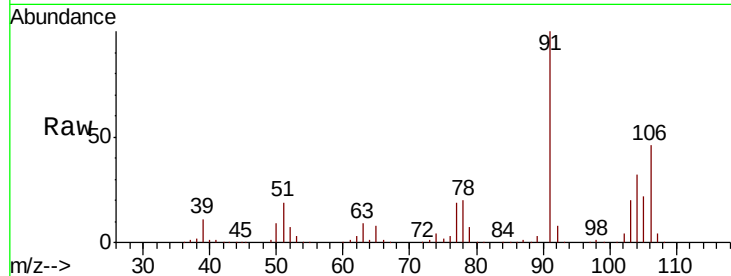




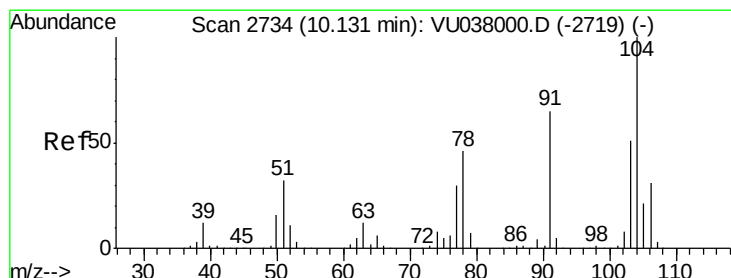
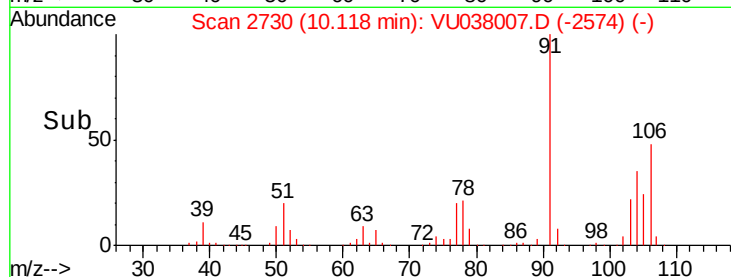
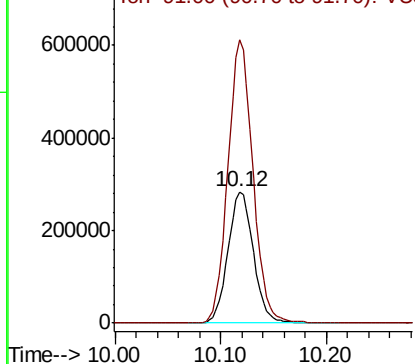
#65
o-Xylene
Concen: 10.154 ug/l
RT: 10.12 min Scan# 2730
Delta R.T. 0.00 min
Lab File: VU038007.D
Acq: 04 May 2020 18:11

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:106 Resp: 472430
Ion Ratio Lower Upper
106 100
91 212.6 105.7 317.0

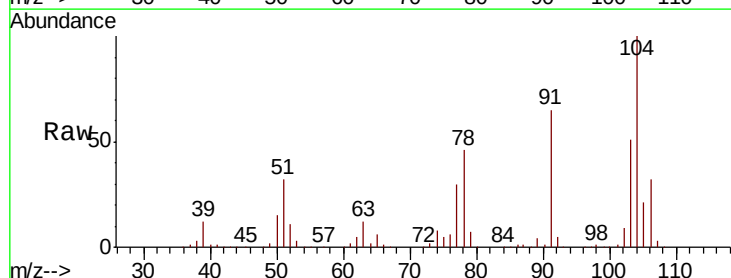


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

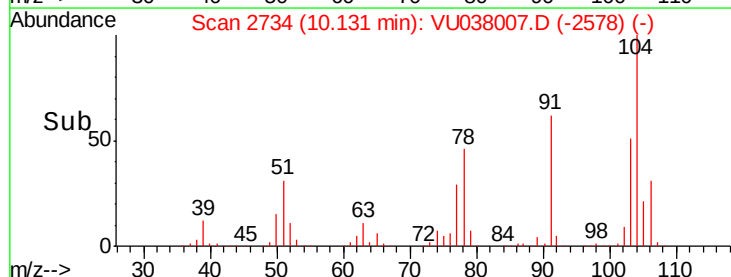
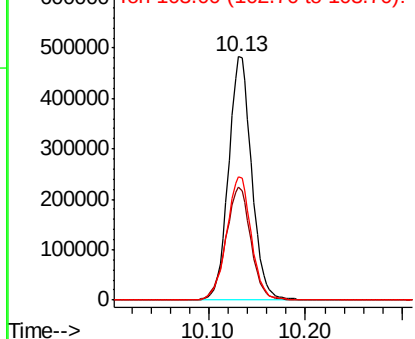


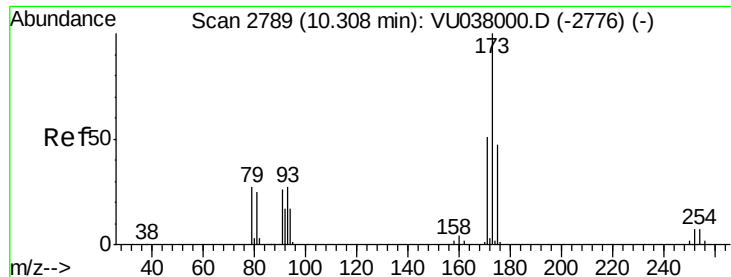
#66
Styrene
Concen: 10.447 ug/l
RT: 10.13 min Scan# 2734
Delta R.T. 0.00 min
Lab File: VU038007.D
Acq: 04 May 2020 18:11

Tgt Ion:104 Resp: 800917
Ion Ratio Lower Upper
104 100
78 50.2 39.9 59.9
103 54.1 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: 10.070 ug/l

RT: 10.31 min Scan# 2790

Delta R.T. 0.00 min

Lab File: VU038007.D

Acq: 04 May 2020 18:11

Instrument:

MSVOA_U

ClientSampleId:

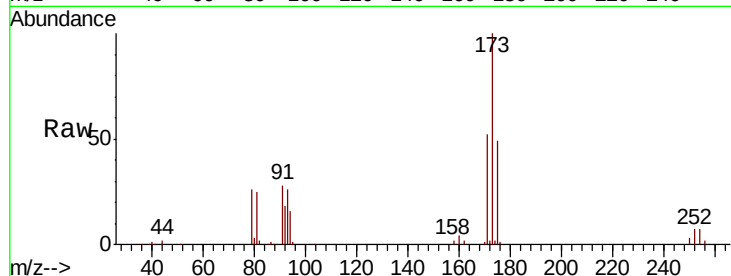
Tot Ion:173 Resp: 108175

Ion Ratio Lower Upper

173 100

175 48.2 37.6 56.4

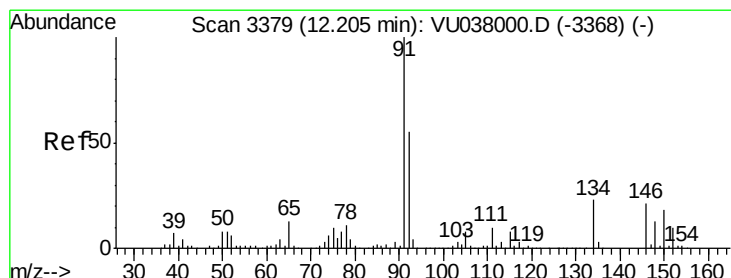
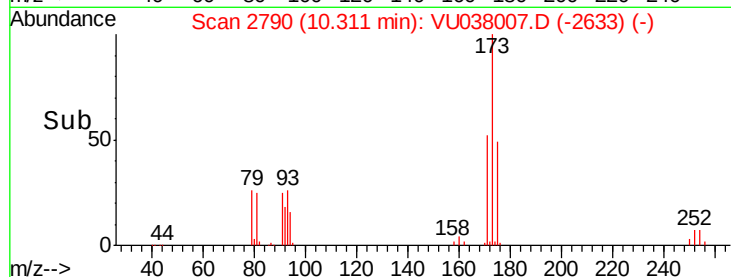
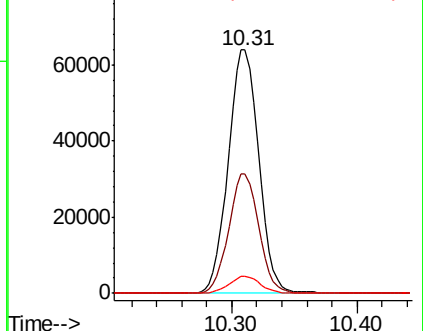
254 7.1 5.5 8.3



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: 0.998 ug/l

RT: 12.21 min Scan# 3380

Delta R.T. 0.00 min

Lab File: VU038007.D

Acq: 04 May 2020 18:11

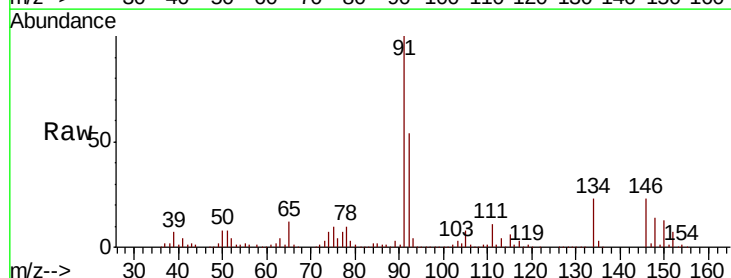
Tgt Ion:152 Resp: 32980

Ion Ratio Lower Upper

152 100

115 127.4 0.0 261.0

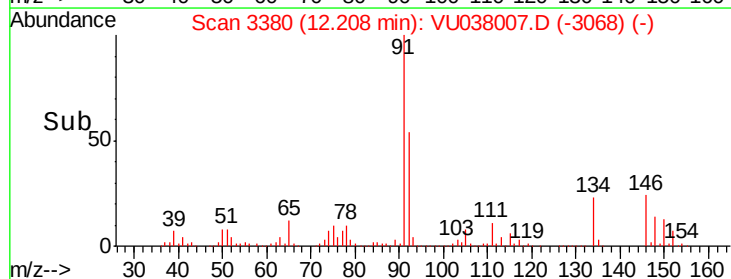
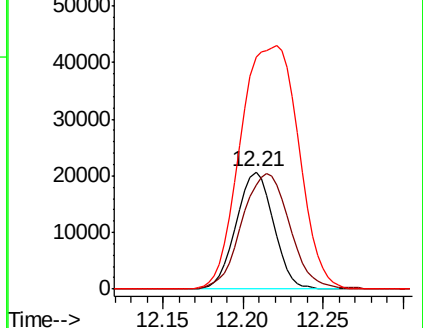
150 325.2 0.0 650.2

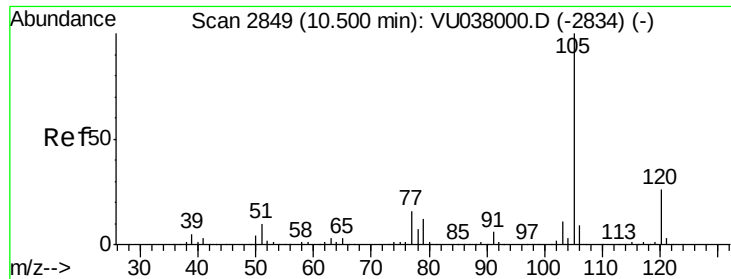


Abundance Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V





#69

Isopropylbenzene

Concen: 10.243 ug/l

RT: 10.50 min Scan# 2849

Delta R.T. -0.00 min

Lab File: VU038007.D

Acq: 04 May 2020 18:11

Instrument :

MSVOA_U

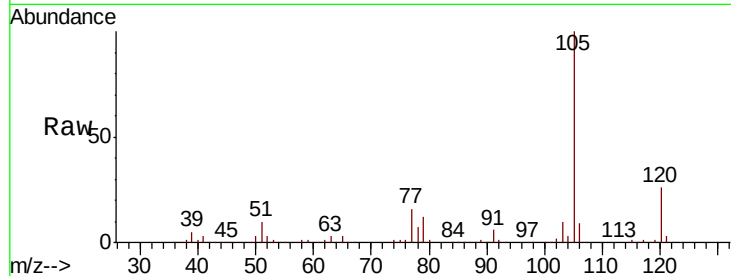
ClientSampleId :

Tot Ion:105 Resp: 1244351

Ion Ratio Lower Upper

105 100

120 26.2 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

800000

600000

400000

200000

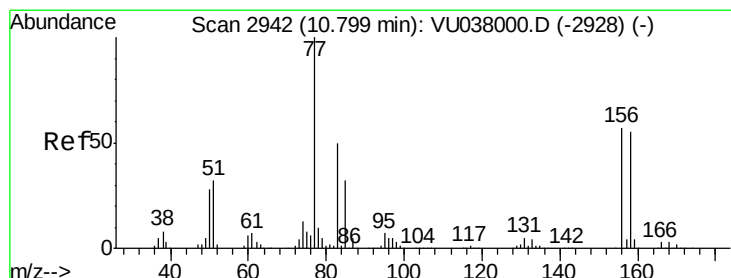
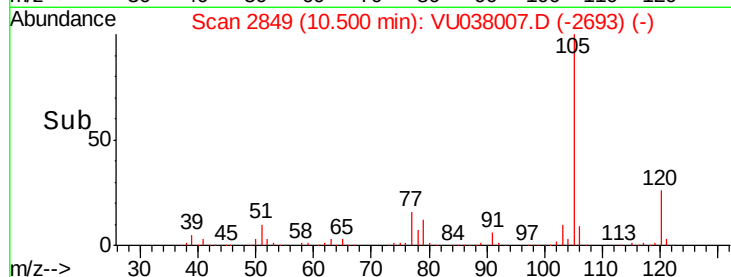
0

10.40

10.50

10.60

Time-->



#70

1,1,2,2-Tetrachloroethane

Concen: 9.963 ug/l

RT: 10.80 min Scan# 2942

Delta R.T. 0.00 min

Lab File: VU038007.D

Acq: 04 May 2020 18:11

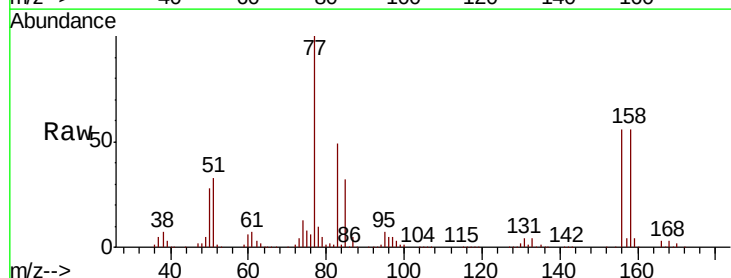
Tgt Ion: 83 Resp: 235318

Ion Ratio Lower Upper

83 100

131 9.1 7.2 10.8

85 65.0 50.0 75.0



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VU0

200000

150000

100000

50000

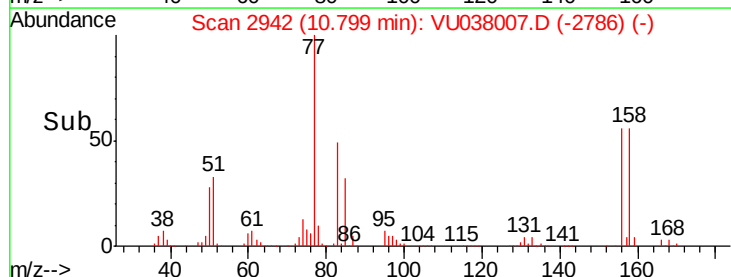
0

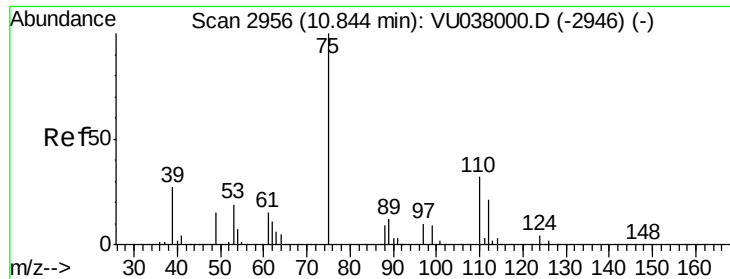
10.70

10.80

10.90

Time-->

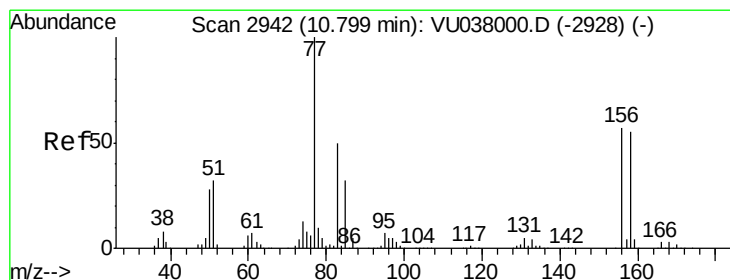
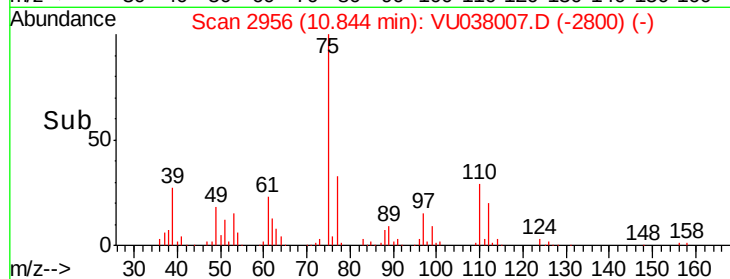
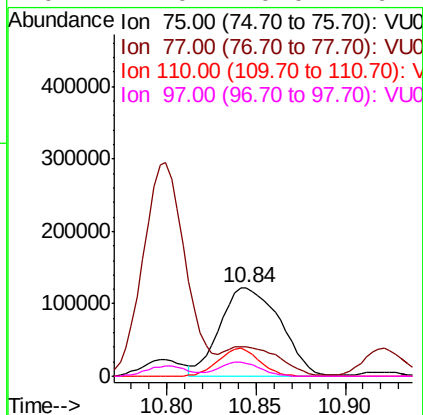
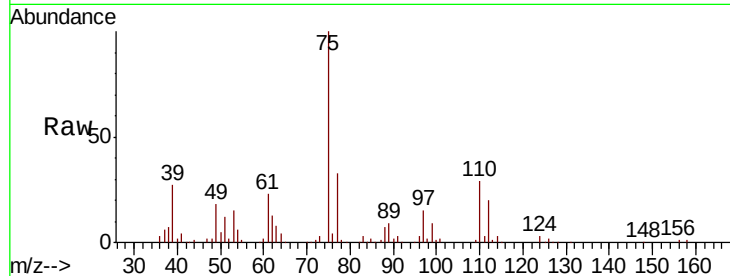




#71
 1,2,3-Trichloropropane
 Concen: 16.440 ug/l
 RT: 10.84 min Scan# 2956
 Delta R.T. 0.00 min
 Lab File: VU038007.D
 Acq: 04 May 2020 18:11

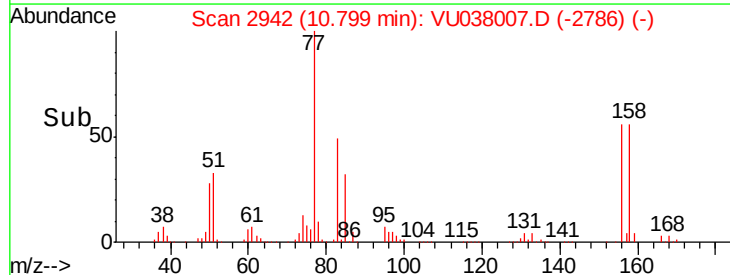
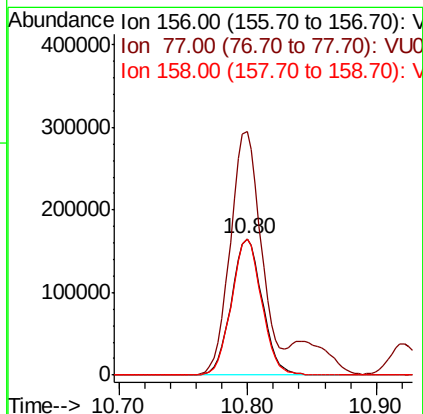
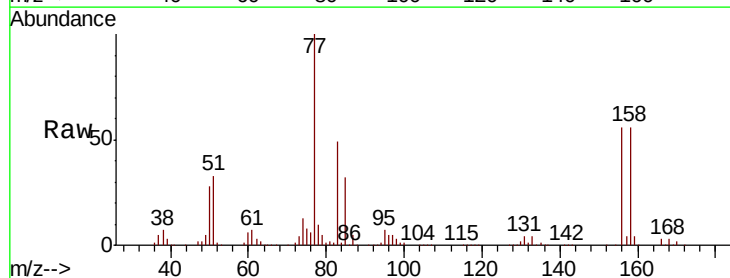
Instrument :
 MSVOA_U
 ClientSampled :

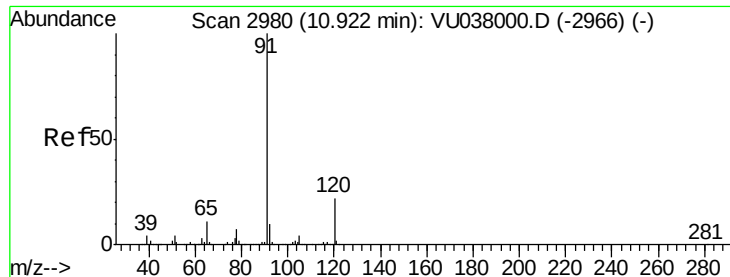
Tot Ion:	75	Resp:	287152
Ion	Ratio	Lower	Upper
75	100		
77	28.0	0.0	108.6
110	21.5	0.0	79.4
97	11.0	0.0	40.4



#72
 Bromobenzene
 Concen: 10.106 ug/l
 RT: 10.80 min Scan# 2942
 Delta R.T. 0.00 min
 Lab File: VU038007.D
 Acq: 04 May 2020 18:11

Tgt Ion:	156	Resp:	274253
Ion	Ratio	Lower	Upper
156	100		
77	179.5	0.0	355.6
158	97.8	0.0	194.0





#73

n-propylbenzene

Concen: 10.400 ug/l

RT: 10.92 min Scan# 2980

Delta R.T. 0.00 min

Lab File: VU038007.D

Acq: 04 May 2020 18:11

Instrument :

MSVOA_U

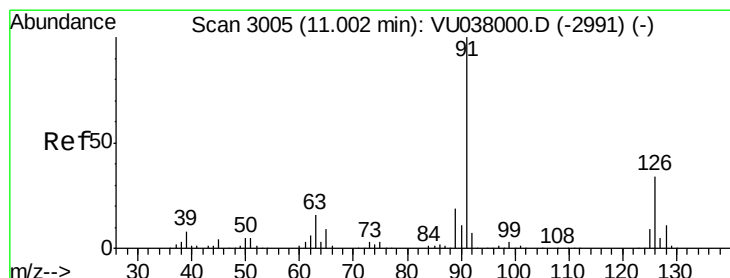
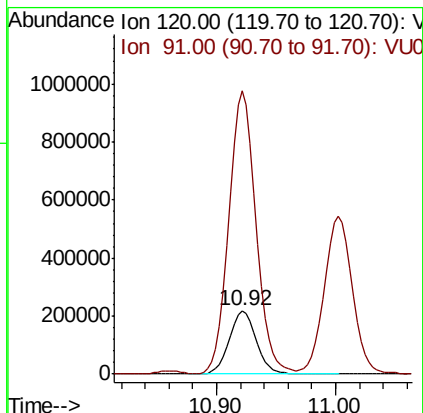
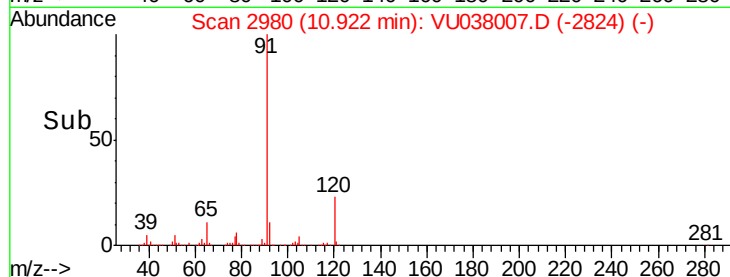
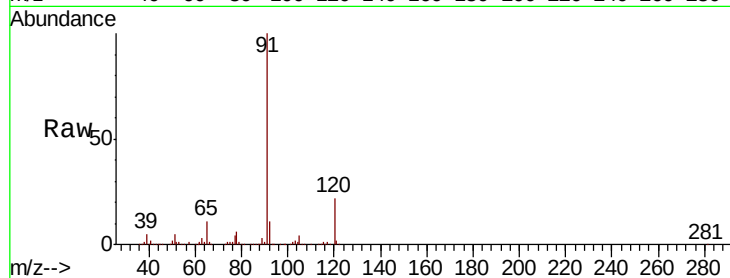
ClientSampled :

Tot Ion:120 Resp: 346720

Ion Ratio Lower Upper

120 100

91 443.2 355.4 533.0



#74

2-Chlorotoluene

Concen: 10.180 ug/l

RT: 11.00 min Scan# 3005

Delta R.T. 0.00 min

Lab File: VU038007.D

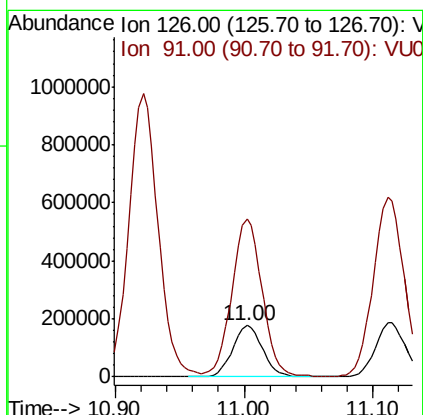
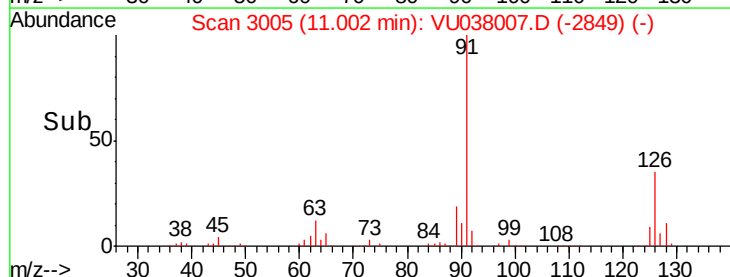
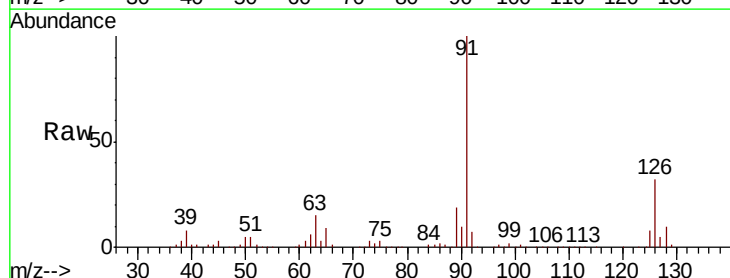
Acq: 04 May 2020 18:11

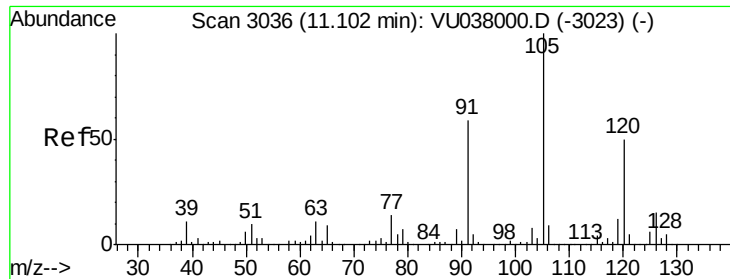
Tgt Ion:126 Resp: 284874

Ion Ratio Lower Upper

126 100

91 311.8 0.0 625.8





#75

1,3,5-Trimethylbenzene

Concen: 10.306 ug/l

RT: 11.10 min Scan# 3036

Delta R.T. 0.00 min

Lab File: VU038007.D

Acq: 04 May 2020 18:11

Instrument :

MSVOA_U

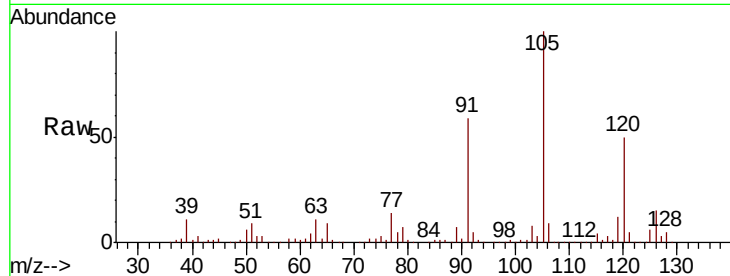
ClientSampled :

Tot Ion:105 Resp: 1036361

Ion Ratio Lower Upper

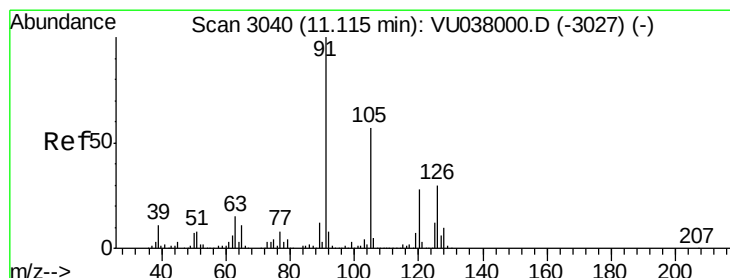
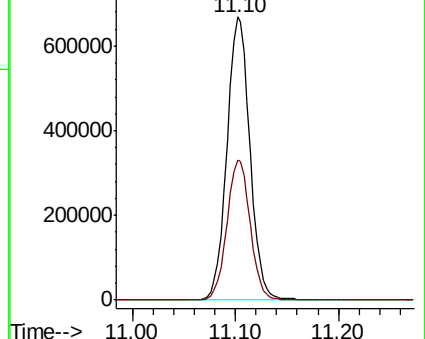
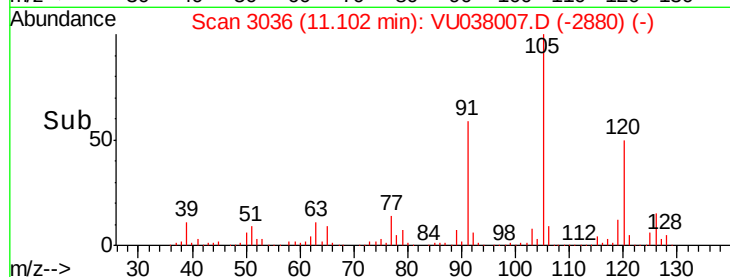
105 100

120 50.0 39.8 59.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#76

4-Chlorotoluene

Concen: 10.362 ug/l

RT: 11.11 min Scan# 3040

Delta R.T. 0.00 min

Lab File: VU038007.D

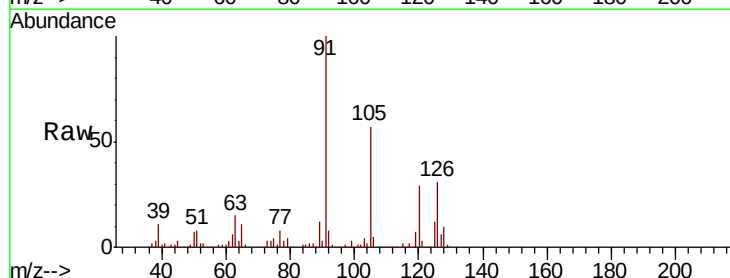
Acq: 04 May 2020 18:11

Tgt Ion:126 Resp: 301132

Ion Ratio Lower Upper

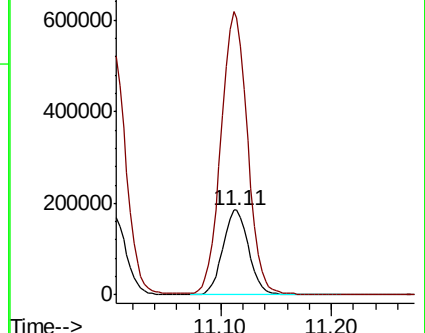
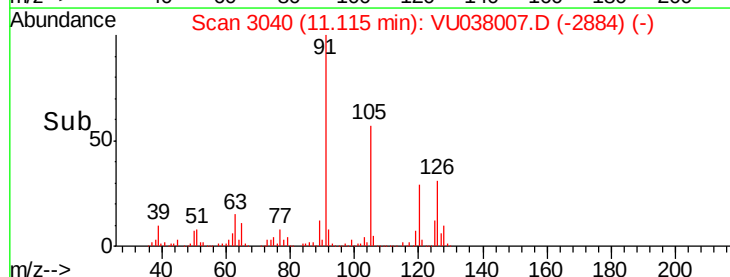
126 100

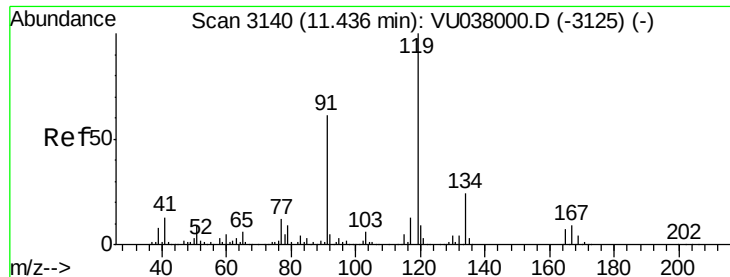
91 342.7 0.0 698.6



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0





#77

tert-Butylbenzene

Concen: 10.281 ug/l

RT: 11.44 min Scan# 3140

Delta R.T. -0.00 min

Lab File: VU038007.D

Acq: 04 May 2020 18:11

Instrument :

MSVOA_U

ClientSampleId :

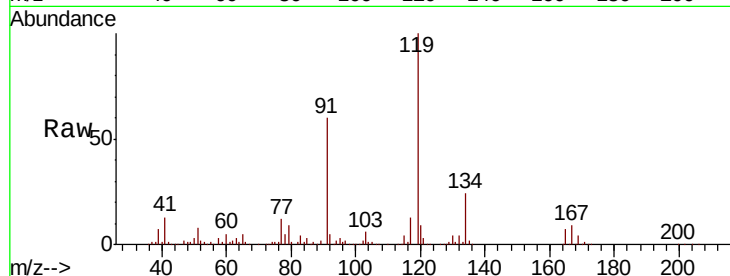
Tot Ion:119 Resp: 984028

Ion Ratio Lower Upper

119 100

91 59.5 30.1 90.5

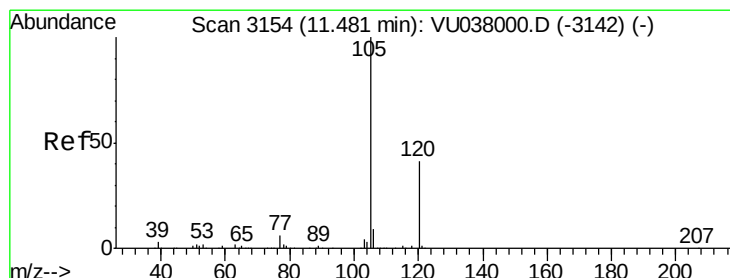
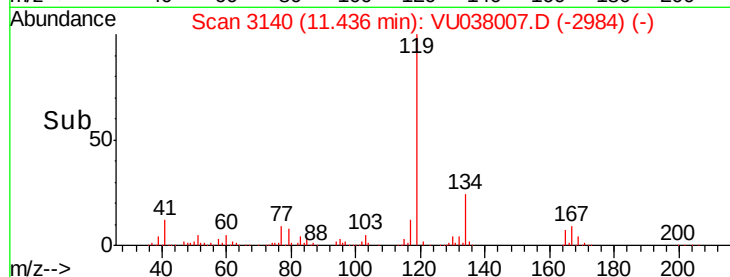
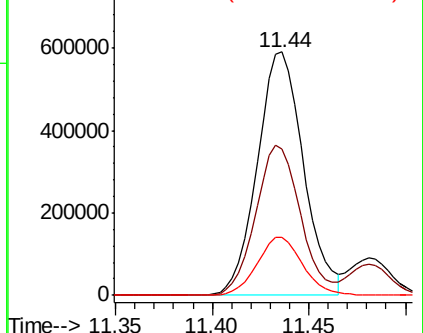
134 23.7 19.0 28.6



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: 10.336 ug/l

RT: 11.48 min Scan# 3154

Delta R.T. -0.00 min

Lab File: VU038007.D

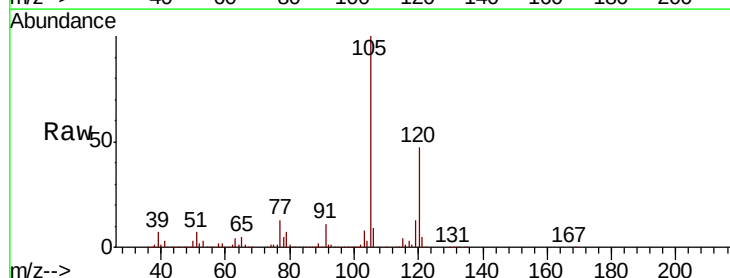
Acq: 04 May 2020 18:11

Tgt Ion:105 Resp: 1070122

Ion Ratio Lower Upper

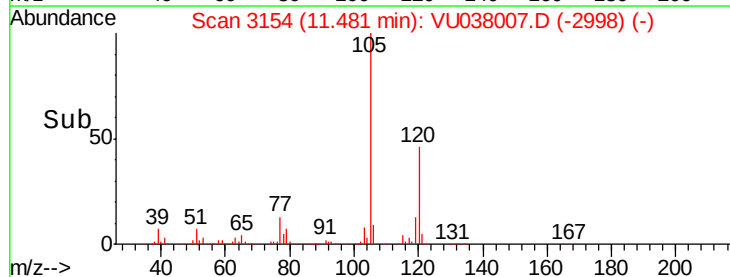
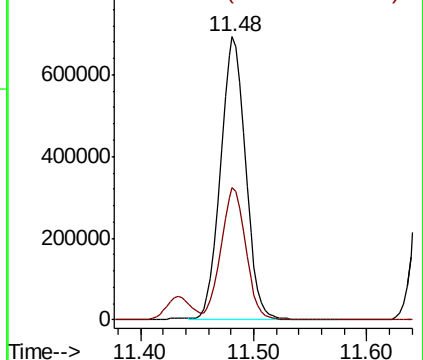
105 100

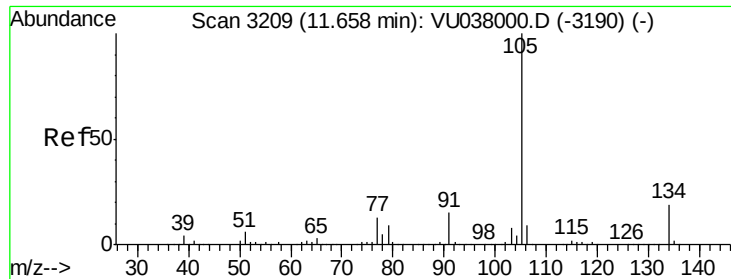
120 46.6 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

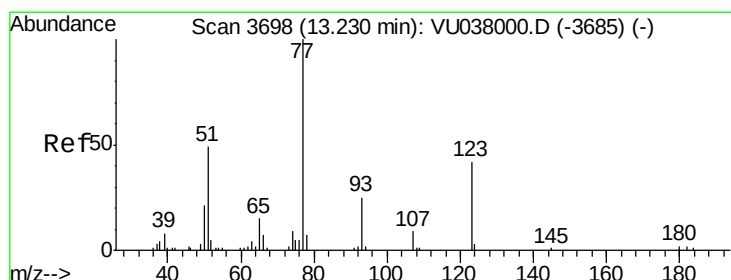
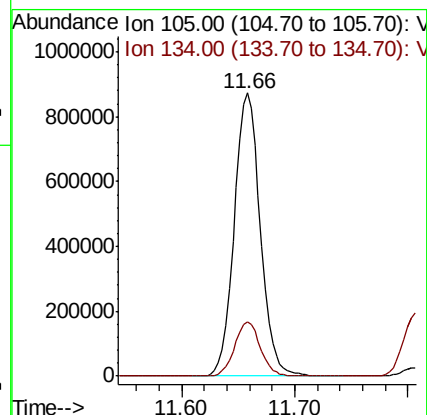
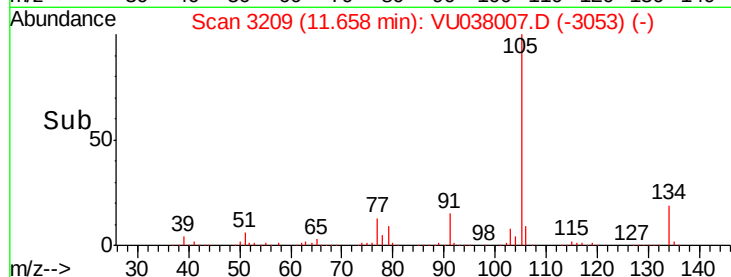
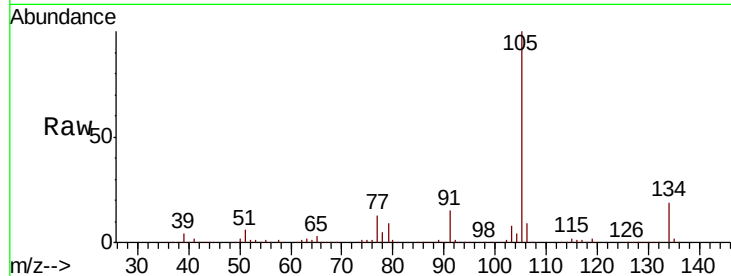




#79
 sec-Butylbenzene
 Concen: 10.181 ug/l
 RT: 11.66 min Scan# 3209
 Delta R.T. 0.00 min
 Lab File: VU038007.D
 Acq: 04 May 2020 18:11

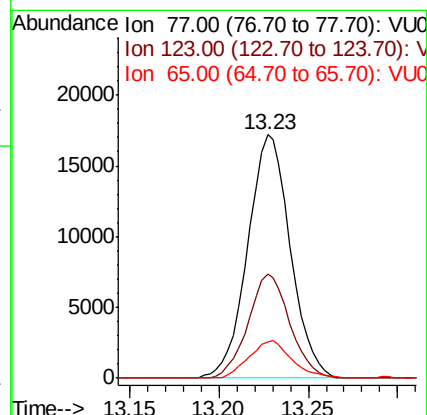
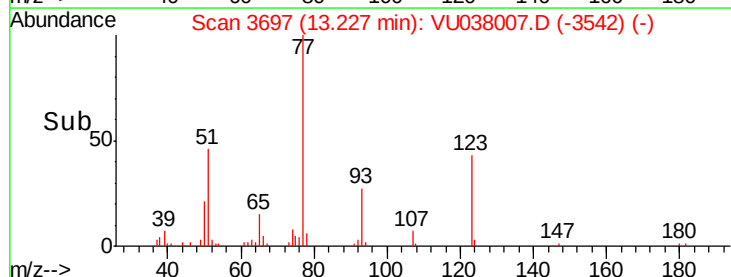
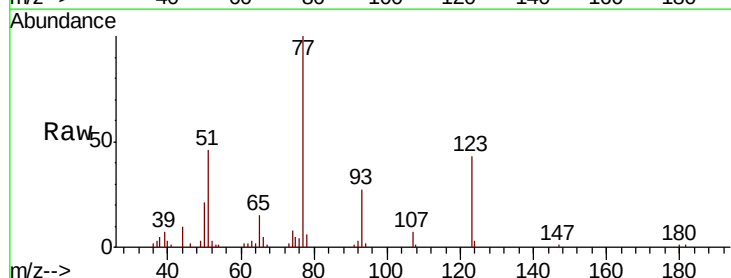
Instrument :
 MSVOA_U
 ClientSampleID :

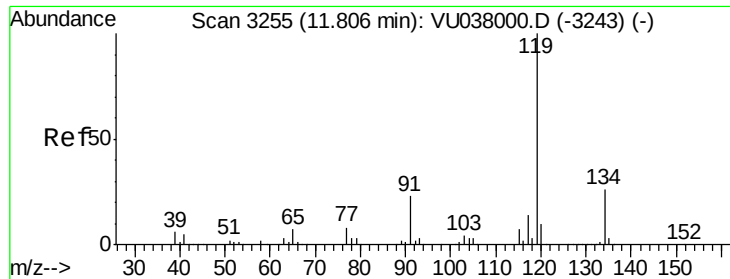
Tot Ion: 105 Resp: 1395804
 Ion Ratio Lower Upper
 105 100
 134 19.1 15.4 23.0



#80
 Nitrobenzene
 Concen: 40.961 ug/l
 RT: 13.23 min Scan# 3697
 Delta R.T. -0.00 min
 Lab File: VU038007.D
 Acq: 04 May 2020 18:11

Tgt Ion: 77 Resp: 28683
 Ion Ratio Lower Upper
 77 100
 123 41.7 17.6 62.6
 65 15.5 13.2 16.8

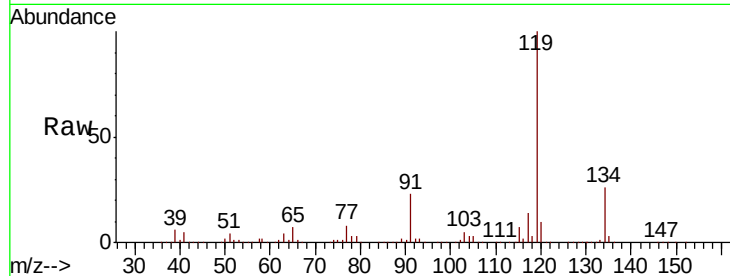




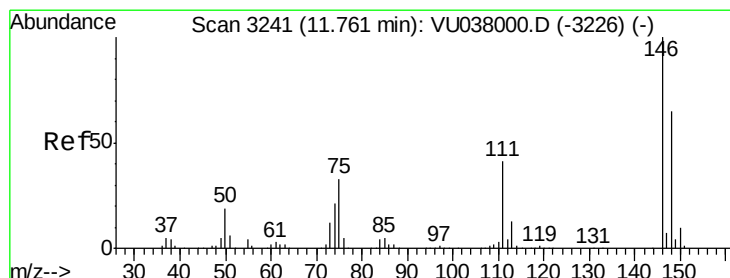
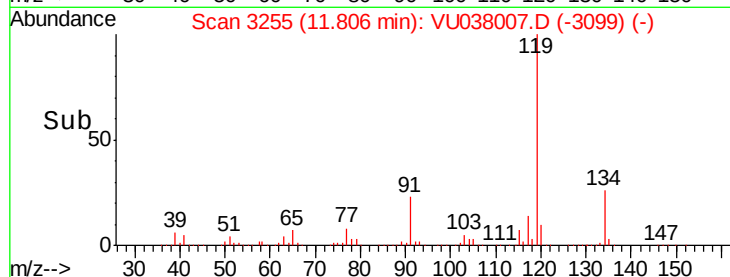
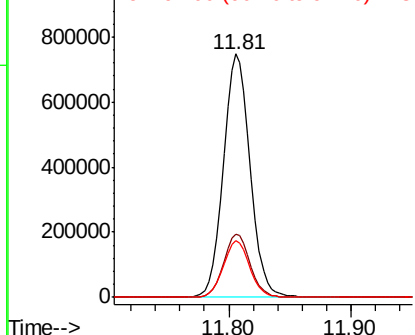
#81
 p-Isopropyltoluene
 Concen: 10.387 ug/l
 RT: 11.81 min Scan# 3255
 Delta R.T. -0.00 min
 Lab File: VU038007.D
 Acq: 04 May 2020 18:11

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion:119 Resp: 1149297
 Ion Ratio Lower Upper
 119 100
 134 25.8 20.6 31.0
 91 23.1 18.6 28.0

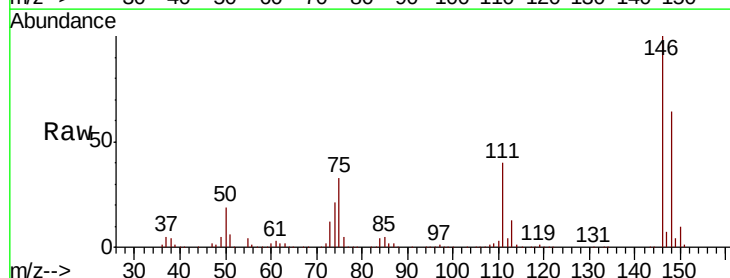


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V

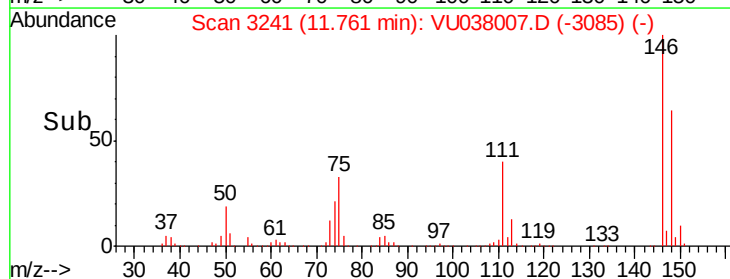
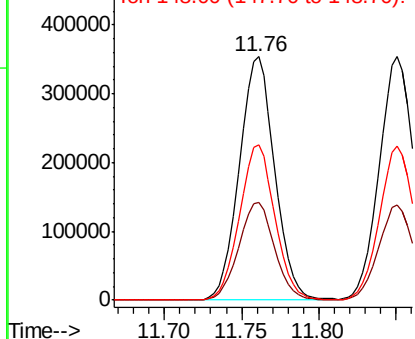


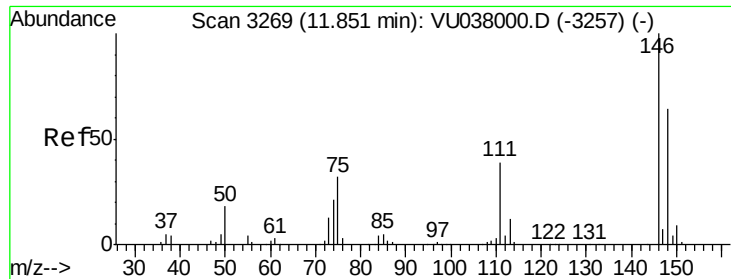
#82
 1,3-Dichlorobenzene
 Concen: 10.018 ug/l
 RT: 11.76 min Scan# 3241
 Delta R.T. -0.00 min
 Lab File: VU038007.D
 Acq: 04 May 2020 18:11

Tgt Ion:146 Resp: 562865
 Ion Ratio Lower Upper
 146 100
 111 40.5 33.0 49.4
 148 63.8 51.4 77.2



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

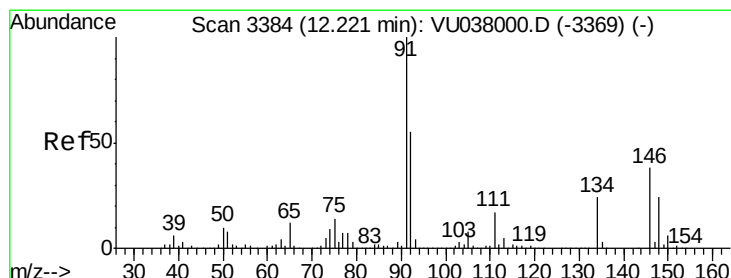
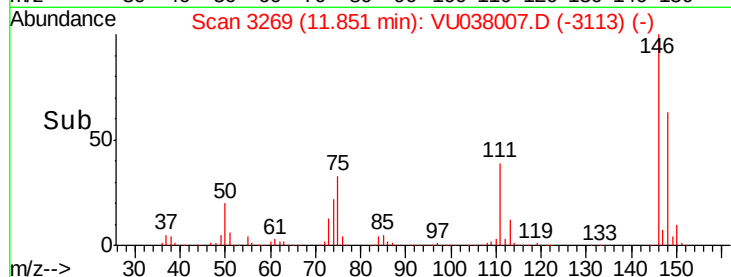
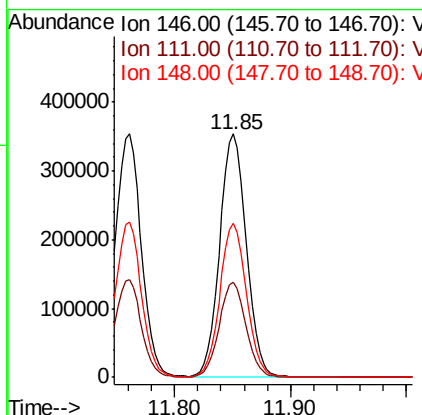
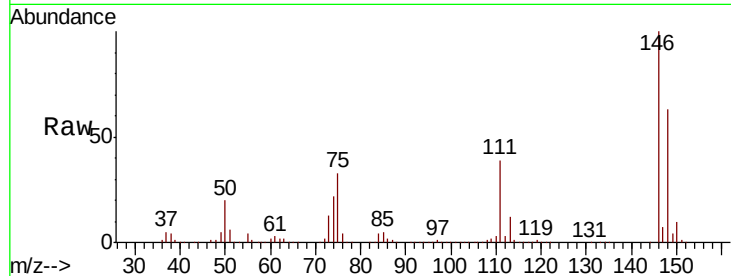




#83
 1,4-Dichlorobenzene
 Concen: 9.936 ug/l
 RT: 11.85 min Scan# 3269
 Delta R.T. 0.00 min
 Lab File: VU038007.D
 Acq: 04 May 2020 18:11

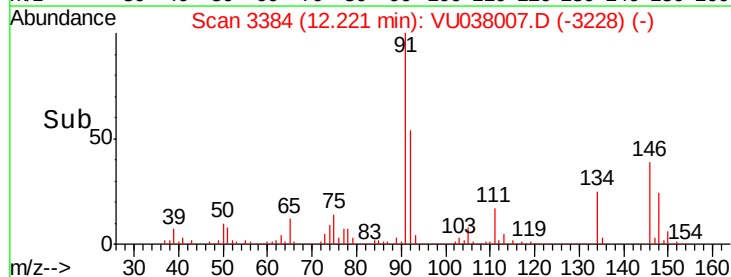
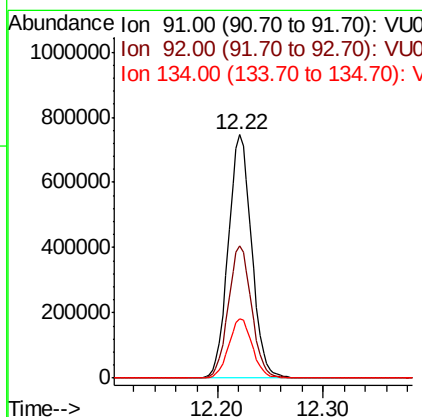
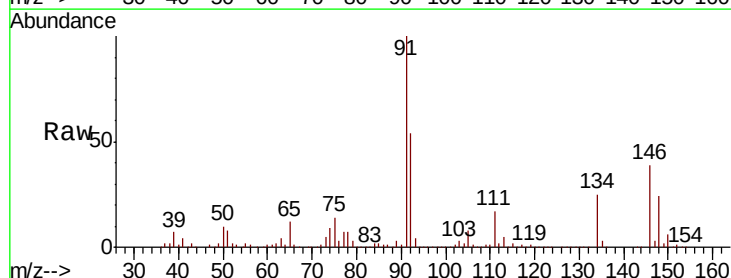
Instrument :
 MSVOA_U
 ClientSampled :

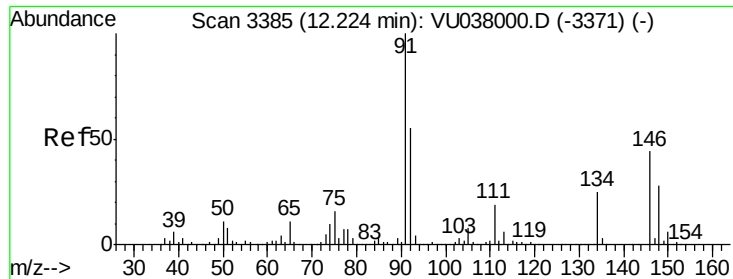
Tot Ion:146 Resp: 565195
 Ion Ratio Lower Upper
 146 100
 111 39.2 31.8 47.6
 148 63.0 51.2 76.8



#84
 n-Butylbenzene
 Concen: 10.298 ug/l
 RT: 12.22 min Scan# 3384
 Delta R.T. 0.00 min
 Lab File: VU038007.D
 Acq: 04 May 2020 18:11

Tgt Ion: 91 Resp: 1137644
 Ion Ratio Lower Upper
 91 100
 92 54.1 43.8 65.6
 134 24.6 19.4 29.2

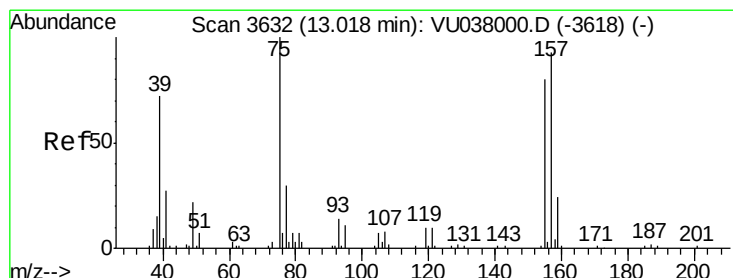
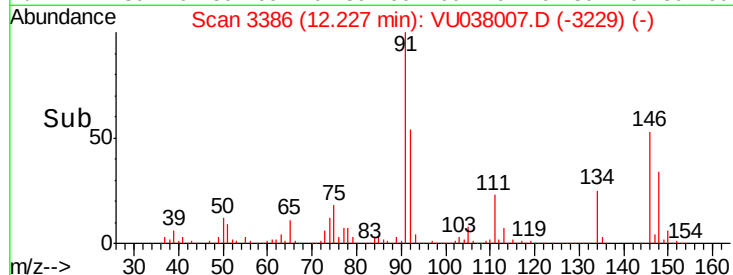
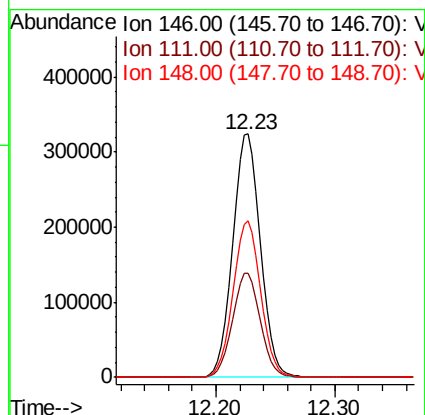
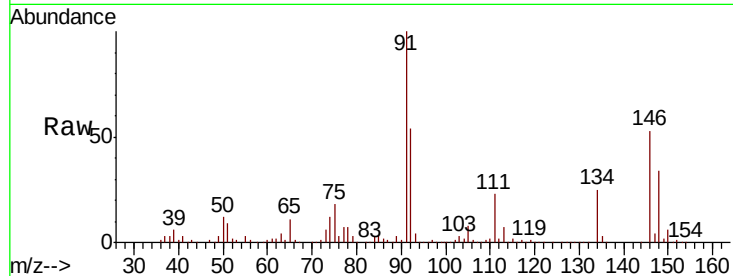




#85
 1,2-Dichlorobenzene
 Concen: 9.993 ug/l
 RT: 12.23 min Scan# 3386
 Delta R.T. 0.00 min
 Lab File: VU038007.D
 Acq: 04 May 2020 18:11

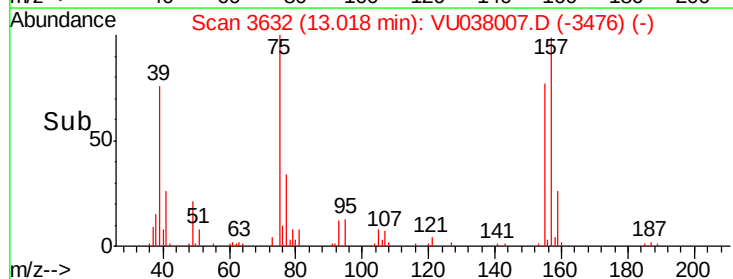
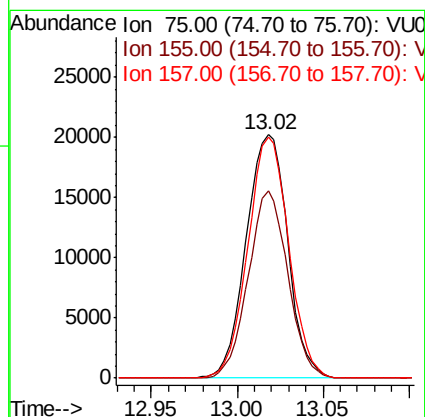
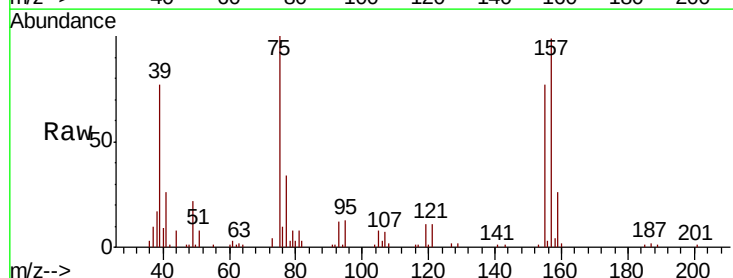
Instrument :
 MSVOA_U
 ClientSampleId :

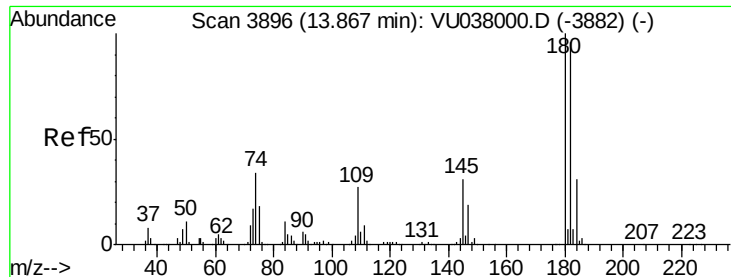
Tot Ion:146 Resp: 522625
 Ion Ratio Lower Upper
 146 100
 111 43.0 21.9 65.8
 148 63.9 31.8 95.4



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 9.119 ug/l
 RT: 13.02 min Scan# 3632
 Delta R.T. -0.00 min
 Lab File: VU038007.D
 Acq: 04 May 2020 18:11

Tgt Ion: 75 Resp: 33913
 Ion Ratio Lower Upper
 75 100
 155 73.2 60.9 91.3
 157 97.5 78.1 117.1

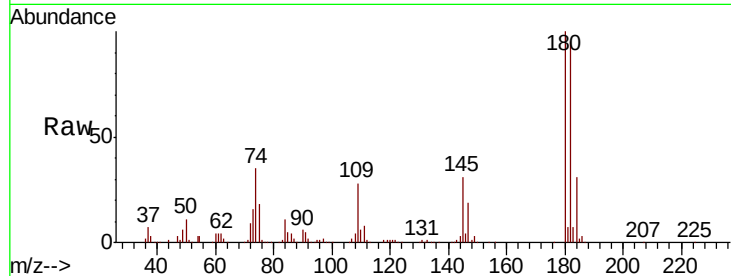




#87
 1,2,4-Trichlorobenzene
 Concen: 9.753 ug/l
 RT: 13.87 min Scan# 3896
 Delta R.T. 0.00 min
 Lab File: VU038007.D
 Acq: 04 May 2020 18:11

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.7	76.9	115.3
145	30.9	24.7	37.1

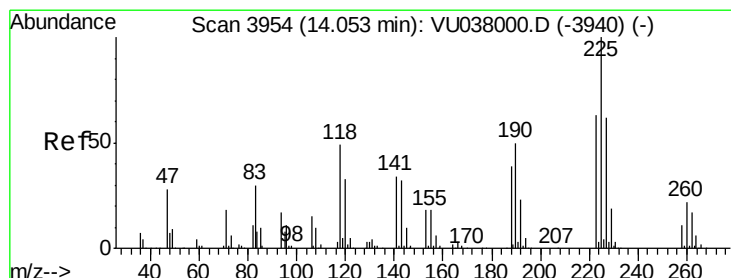
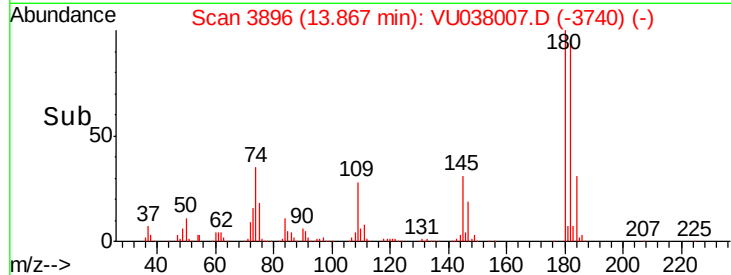
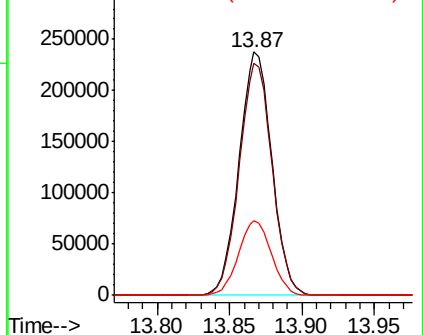


Abundance

Ion 179.70 (179.40 to 180.40): V

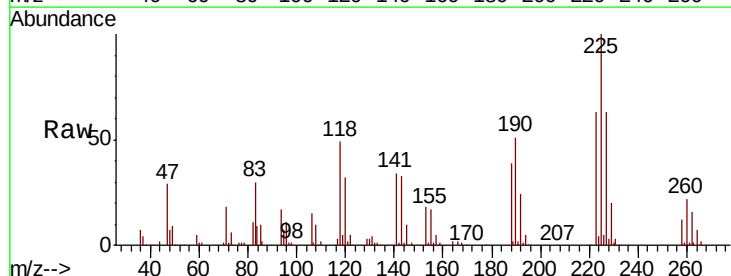
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#88
 Hexachlorobutadiene
 Concen: 9.944 ug/l
 RT: 14.05 min Scan# 3954
 Delta R.T. 0.00 min
 Lab File: VU038007.D
 Acq: 04 May 2020 18:11

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.1	51.3	76.9
227	63.1	49.2	73.8

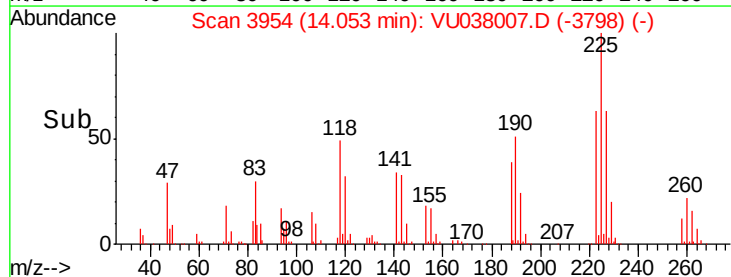
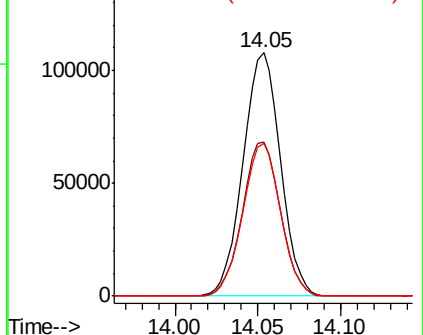


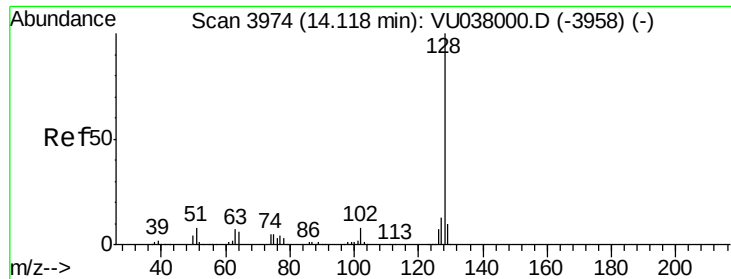
Abundance

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

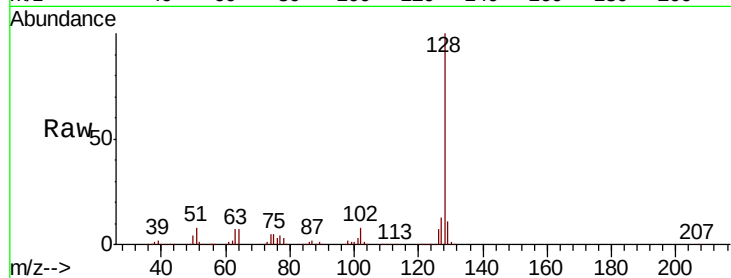




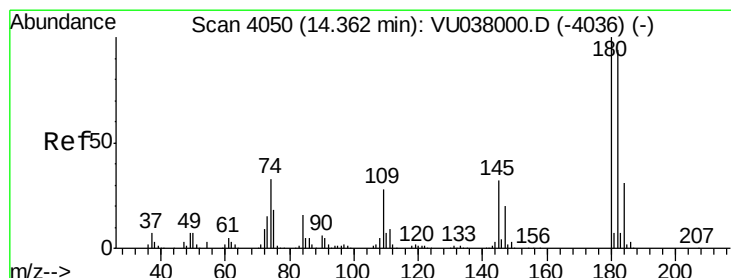
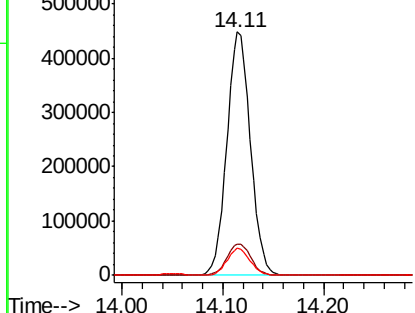
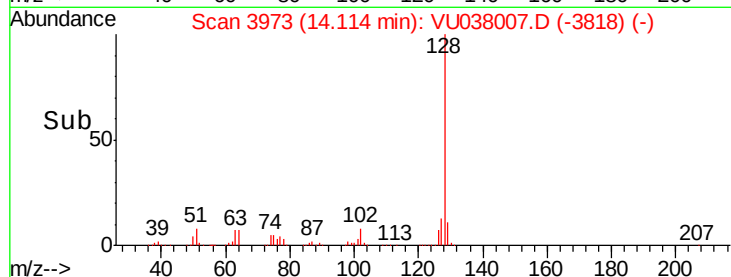
#89
Naphthalene
Concen: 9.929 ug/l
RT: 14.11 min Scan# 3973
Delta R.T. -0.00 min
Lab File: VU038007.D
Acq: 04 May 2020 18:11

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:128 Resp: 730126
Ion Ratio Lower Upper
128 100
127 13.2 10.4 15.6
129 10.8 8.6 12.8

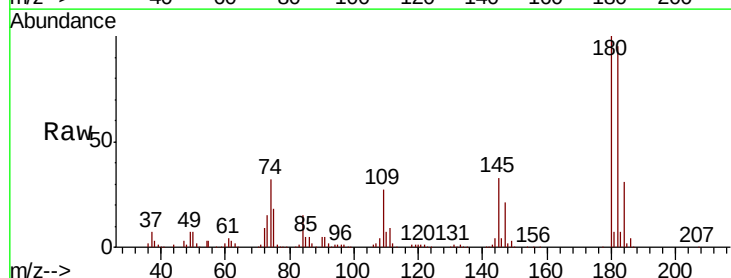


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#90
1,2,3-Trichlorobenzene
Concen: 9.943 ug/l
RT: 14.36 min Scan# 4050
Delta R.T. -0.00 min
Lab File: VU038007.D
Acq: 04 May 2020 18:11

Tgt Ion:180 Resp: 338752
Ion Ratio Lower Upper
180 100
182 95.8 75.9 113.9
145 32.8 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

