

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U050420\
 Data File : VU038006.D
 Acq On : 04 May 2020 17:44
 Operator : JC/MD
 Sample : VU0504WBSD01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 05 02:24:25 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	86144	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.65	95	32114	0.96	ug/l	0.00
Spiked Amount 1.000			Recovery	=	96.00%	
68) 1,2-Dichlorobenzene-d4	12.20	152	32506	1.00	ug/l	0.00
Spiked Amount 1.000			Recovery	=	100.00%	

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	54936	1.879	ug/l 99
3) Chloromethane	1.54	50	65378	1.888	ug/l 98
4) Vinyl Chloride	1.62	62	65795	1.908	ug/l 100
5) Bromomethane	1.87	94	34320	1.659	ug/l 100
6) Chloroethane	1.95	64	39294	1.907	ug/l 99
7) Trichlorofluoromethane	2.16	101	68508	1.906	ug/l 99
8) 1,1,2-Trichloro-1,2,2-trif	2.60	101	42995	1.919	ug/l 98
9) 1,1-Dichloroethene	2.60	96	43557	1.936	ug/l 98
10) Iodomethane	2.75	142	22020	1.933	ug/l 100
11) Allyl Chloride	2.95	41	79297	1.900	ug/l 97
12) Acrylonitrile	3.35	53	24067	3.913	ug/l 95
13) Acetone	2.66	43	40461	8.224	ug/l 95
14) Carbon Disulfide	2.82	76	154194	1.877	ug/l 99
15) Methylene Chloride	3.07	84	57354	1.905	ug/l 98
16) trans-1,2-Dichloroethene	3.38	96	45566	1.851	ug/l 99
17) 1,1-Dichloroethane	3.91	63	88117	1.887	ug/l 100
18) 2-Butanone	4.76	43	65540	8.885	ug/l 99
19) Cyclohexane	5.42	56	75013	1.657	ug/l 88
20) Methylcyclohexane	6.79	83	80453	1.813	ug/l 97
21) 2,2-Dichloropropane	4.70	77	66759	1.711	ug/l 99
22) cis-1,2-Dichloroethene	4.71	96	49211	1.891	ug/l 98
23) Diethyl Ether	2.40	59	36688	1.859	ug/l 99
24) tert-Butyl Alcohol	3.23	59	39765	18.159	ug/l 96
25) Methyl tert-Butyl Ether	3.41	73	117325	1.903	ug/l 97
26) Bromochloromethane	5.02	128	19572	1.868	ug/l 99
27) Chloroform	5.13	83	82402	1.882	ug/l 98
28) 1,1,1-Trichloroethane	5.35	97	67292	1.865	ug/l 98
29) 1,1-Dichloropropene	5.56	75	68495	1.886	ug/l 99
30) Carbon Tetrachloride	5.56	117	55706	1.845	ug/l 97
31) Isopropyl Ether	4.05	45	141082	1.836	ug/l 96
32) Ethyl-t-butyl ether	4.55	59	127513	1.838	ug/l 99
33) Tert-Amyl methyl ether	5.98	73	106997	1.789	ug/l 99
34) Propionitrile	4.82	54	20694	9.798	ug/l # 98
35) Benzene	5.81	78	194844	1.917	ug/l 100
36) 1,2-Dichloroethane	5.83	62	56229	1.870	ug/l 97
37) Trichloroethene	6.57	130	49434	1.852	ug/l 93
38) 1,2-Dichloropropane	6.82	63	51333	1.877	ug/l 96
39) Methacrylonitrile	5.02	41	16826	1.701	ug/l 98
40) Methyl acrylate	4.89	55	26089	1.790	ug/l 97
41) Tetrahydrofuran	5.11	42	17727	3.592	ug/l 96
42) 1-Chlorobutane	5.49	56	96782	1.849	ug/l 97

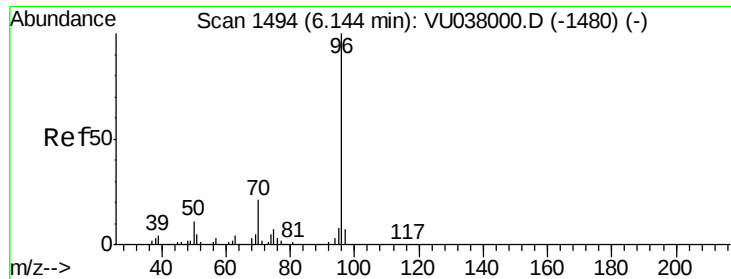
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U050420\
 Data File : VU038006.D
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Quant Time: May 05 02:24:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U050420DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue May 05 02:20:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.95	93	22812	1.790	ug/l	96
44) Bromodichloromethane	7.14	83	59676	1.865	ug/l	99
45) 4-Methyl-2-Pentanone	7.82	43	154579	8.902	ug/l	100
46) t-1,4-Dichloro-2-butene	10.84	75	51881	9.663	ug/l #	38
47) Methyl methacrylate	6.99	69	46481	3.587	ug/l	99
48) Ethyl methacrylate	8.36	69	43417	1.810	ug/l	99
49) Toluene	7.99	92	124002	1.930	ug/l	99
50) t-1,3-Dichloropropene	8.23	75	57115	1.747	ug/l	97
51) cis-1,3-Dichloropropene	7.64	75	69547	1.771	ug/l	97
52) 1,1,2-Trichloroethane	8.42	97	33516	1.858	ug/l	93
53) 1,3-Dichloropropane	8.60	76	64889	1.916	ug/l	100
54) 2-Hexanone	8.71	43	105346	8.595	ug/l	100
55) Dibromochloromethane	8.83	129	35191	1.760	ug/l	99
56) 1,2-Dibromoethane	8.95	107	29832	1.753	ug/l	96
58) Tetrachloroethene	8.57	164	47720	1.916	ug/l	99
59) Chlorobenzene	9.47	112	130331	1.910	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.56	131	37903	1.830	ug/l	99
61) Pentachloroethane	11.44	117	26922	1.735	ug/l	98
62) Hexachloroethane	12.49	117	27186	1.683	ug/l	96
63) Ethyl Benzene	9.59	91	225795	1.860	ug/l	100
64) m/p-Xylenes	9.71	106	175846	3.764	ug/l	99
65) o-Xylene	10.12	106	84218	1.849	ug/l	99
66) Styrene	10.13	104	140263	1.869	ug/l	100
67) Bromoform	10.31	173	17731	1.686	ug/l	97
69) Isopropylbenzene	10.50	105	219344	1.845	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.80	83	42361	1.832	ug/l	97
71) 1,2,3-Trichloropropane	10.84	75	51881	3.034	ug/l #	51
72) Bromobenzene	10.80	156	51081	1.923	ug/l	99
73) n-propylbenzene	10.92	120	61087	1.872	ug/l	100
74) 2-Chlorotoluene	11.00	126	51379	1.876	ug/l	100
75) 1,3,5-Trimethylbenzene	11.10	105	182426	1.853	ug/l	99
76) 4-Chlorotoluene	11.11	126	53962	1.897	ug/l	97
77) tert-Butylbenzene	11.44	119	171359	1.829	ug/l	100
78) 1,2,4-Trimethylbenzene	11.48	105	183132	1.807	ug/l	99
79) sec-Butylbenzene	11.66	105	249957	1.863	ug/l	100
80) Nitrobenzene	13.23	77	4299	6.272	ug/l #	96
81) p-Isopropyltoluene	11.81	119	200475	1.851	ug/l	100
82) 1,3-Dichlorobenzene	11.76	146	104517	1.900	ug/l	97
83) 1,4-Dichlorobenzene	11.85	146	103744	1.863	ug/l	99
84) n-Butylbenzene	12.22	91	194673	1.800	ug/l	100
85) 1,2-Dichlorobenzene	12.23	146	97263	1.900	ug/l	100
86) 1,2-Dibromo-3-Chloropropan	13.02	75	6194	1.701	ug/l	96
87) 1,2,4-Trichlorobenzene	13.87	180	66634	1.780	ug/l	99
88) Hexachlorobutadiene	14.05	225	29779	1.779	ug/l	99
89) Naphthalene	14.12	128	127212	1.767	ug/l	100
90) 1,2,3-Trichlorobenzene	14.36	180	61879	1.856	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

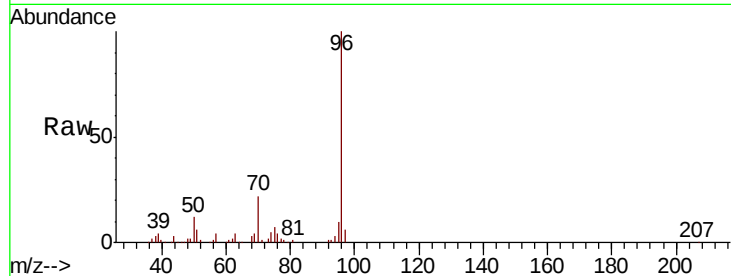
Delta R.T. 0.00 min

Lab File: VU038006.D

Acq: 04 May 2020 17:44

Instrument :
MSVOA_U
ClientSampled :

Tot Ion:	96	Resp:	86144
Ion	Ratio	Lower	Upper
96	100		
70	22.0	14.4	21.6#
95	9.7	7.1	10.7
97	6.7	0.0	0.0#

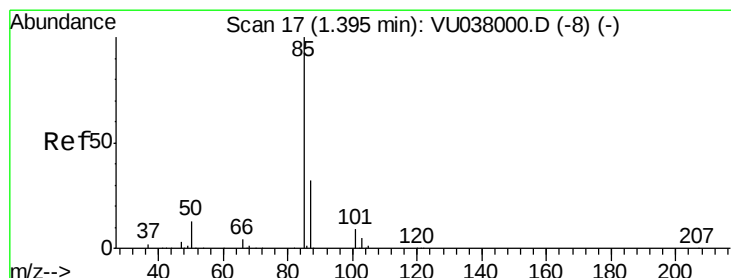
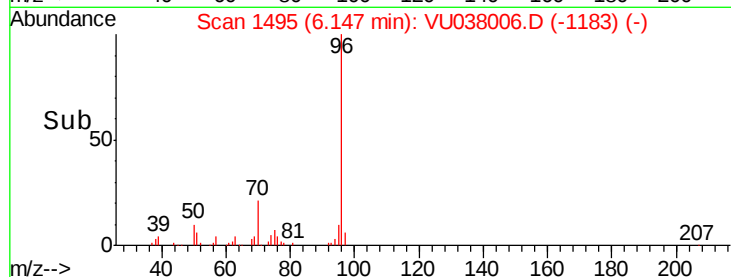
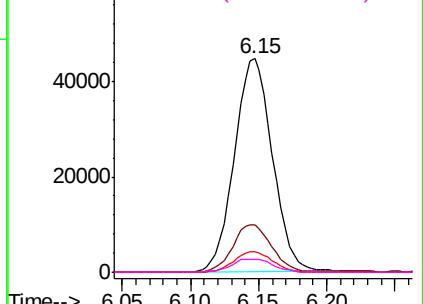


Abundance Ion 96.00 (95.70 to 96.70): VU038000.D (-1480) (-)

Ion 70.00 (69.70 to 70.70): VU038000.D (-1480) (-)

Ion 95.00 (94.70 to 95.70): VU038000.D (-1480) (-)

Ion 97.00 (96.70 to 97.70): VU038000.D (-1480) (-)



#2

Dichlorodifluoromethane

Concen: 1.879 ug/l

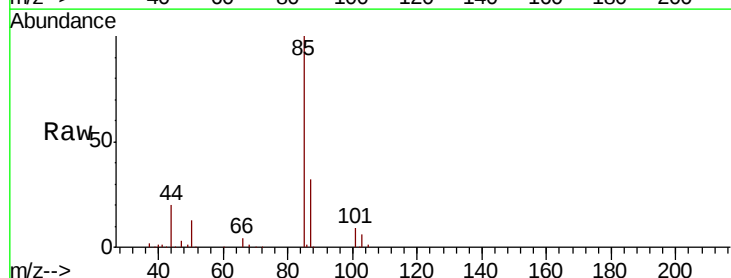
RT: 1.39 min Scan# 17

Delta R.T. 0.00 min

Lab File: VU038006.D

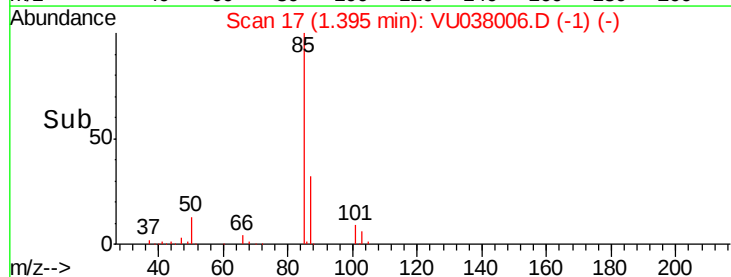
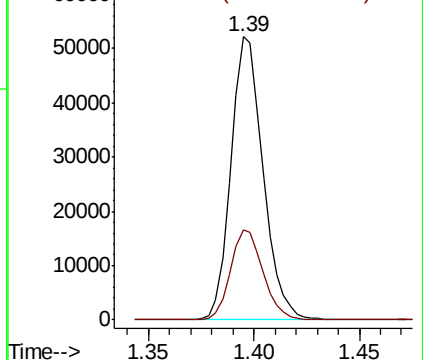
Acq: 04 May 2020 17:44

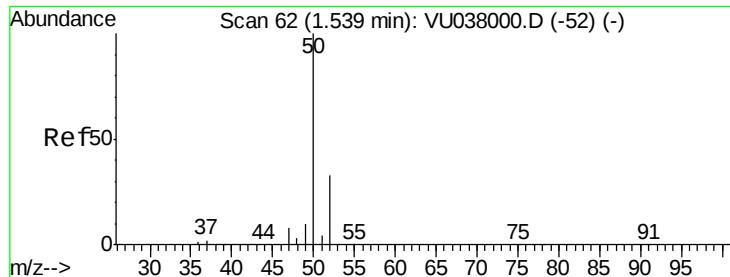
Tgt Ion:	85	Resp:	54936
Ion	Ratio	Lower	Upper
85	100		
87	31.9	16.2	48.5



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

Ion 87.00 (86.70 to 87.70): VU038000.D (-8) (-)





#3

Chloromethane

Concen: 1.888 ug/l

RT: 1.54 min Scan# 61

Delta R.T. -0.00 min

Lab File: VU038006.D

Acq: 04 May 2020 17:44

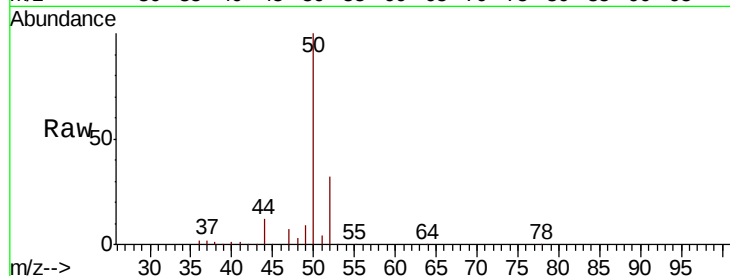
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 50 Resp: 65378

Ion Ratio Lower Upper

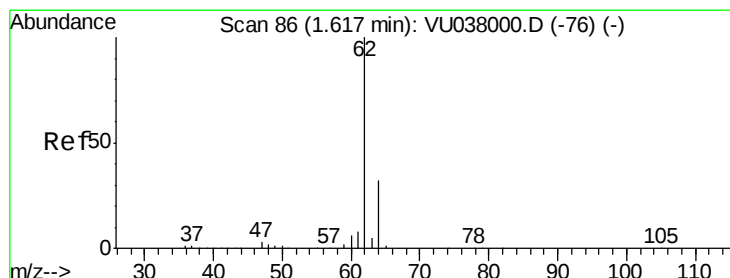
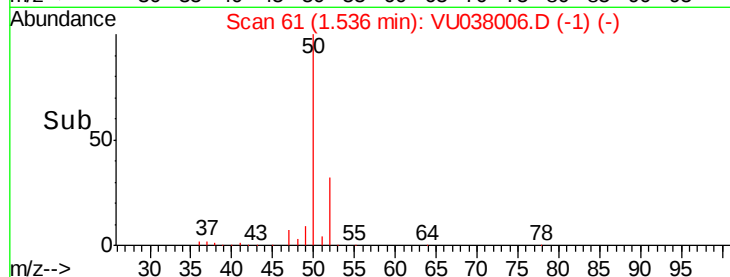
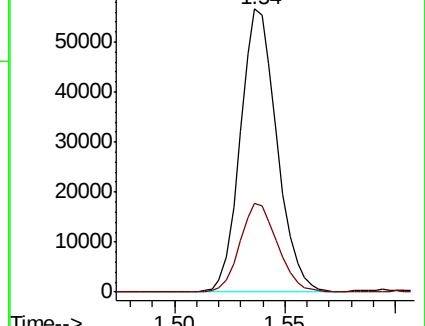
50 100

52 31.5 26.1 39.1



Abundance Ion 50.00 (49.70 to 50.70): VU038006.D (-52) (-)

Ion 52.00 (51.70 to 52.70): VU038006.D (-52) (-)



#4

Vinyl Chloride

Concen: 1.908 ug/l

RT: 1.62 min Scan# 86

Delta R.T. 0.00 min

Lab File: VU038006.D

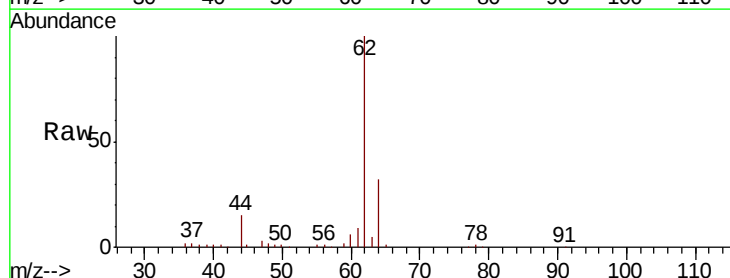
Acq: 04 May 2020 17:44

Tgt Ion: 62 Resp: 65795

Ion Ratio Lower Upper

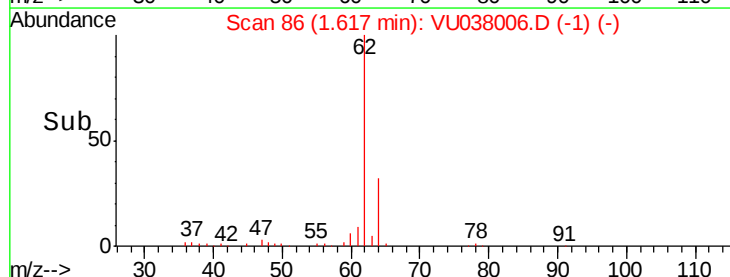
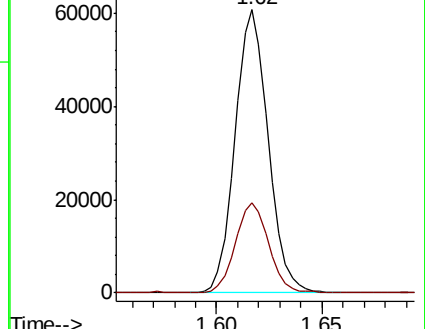
62 100

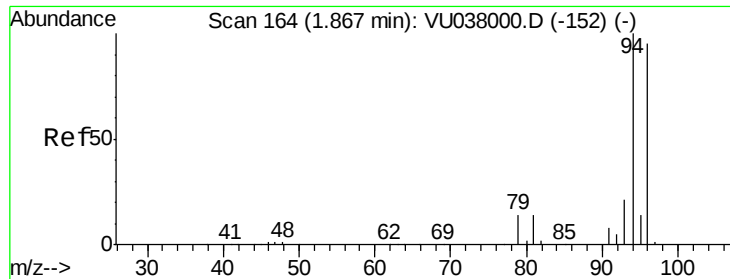
64 32.0 25.7 38.5



Abundance Ion 62.00 (61.70 to 62.70): VU038006.D (-76) (-)

Ion 64.00 (63.70 to 64.70): VU038006.D (-76) (-)

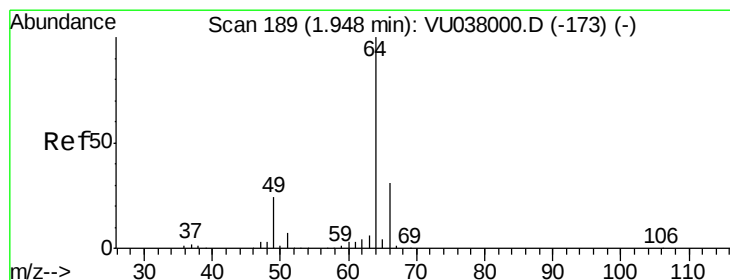
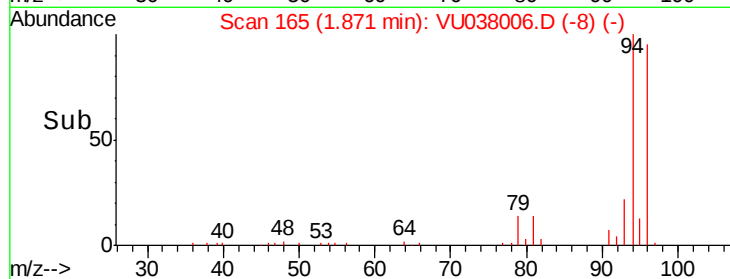
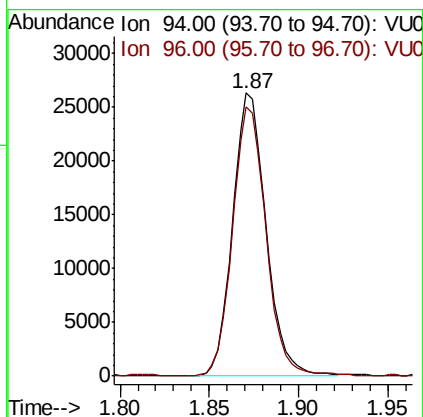
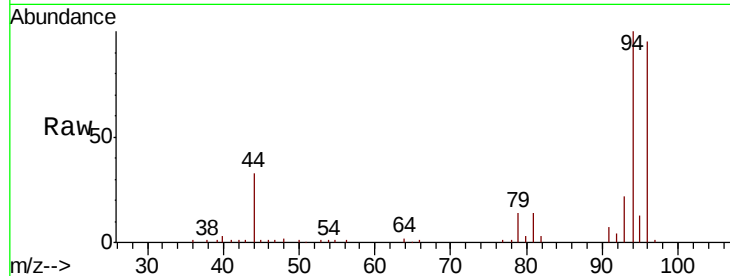




#5
Bromomethane
Concen: 1.659 ug/l
RT: 1.87 min Scan# 165
Delta R.T. 0.00 min
Lab File: VU038006.D
Acq: 04 May 2020 17:44

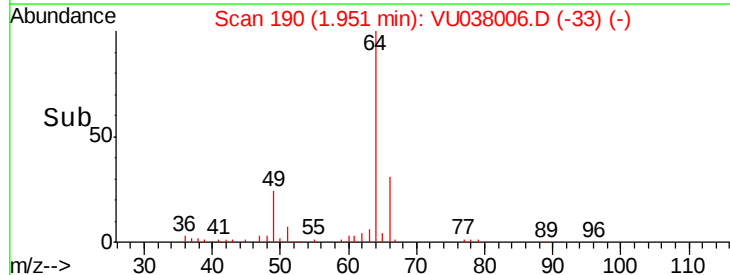
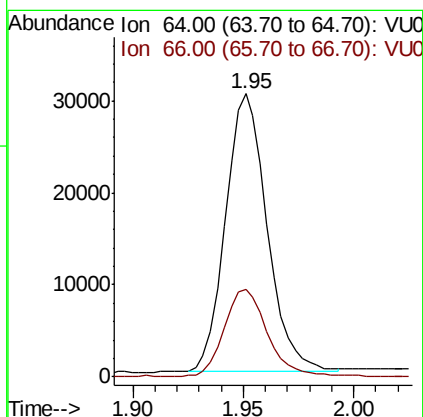
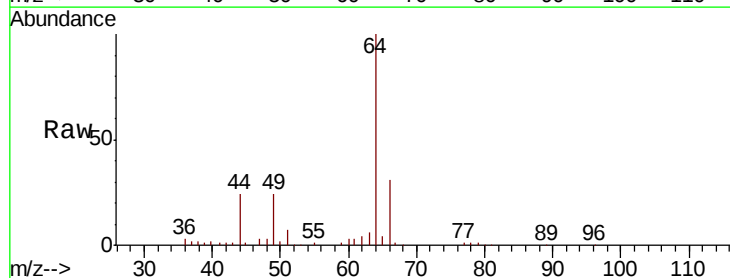
Instrument :
MSVOA_U
ClientSampled :

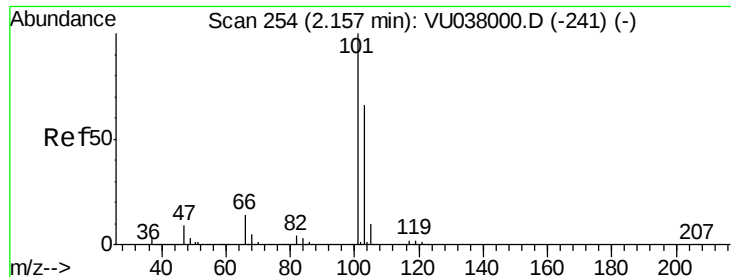
Tot Ion: 94 Resp: 34320
Ion Ratio Lower Upper
94 100
96 95.0 76.1 114.1



#6
Chloroethane
Concen: 1.907 ug/l
RT: 1.95 min Scan# 190
Delta R.T. 0.00 min
Lab File: VU038006.D
Acq: 04 May 2020 17:44

Tgt Ion: 64 Resp: 39294
Ion Ratio Lower Upper
64 100
66 31.3 24.8 37.2



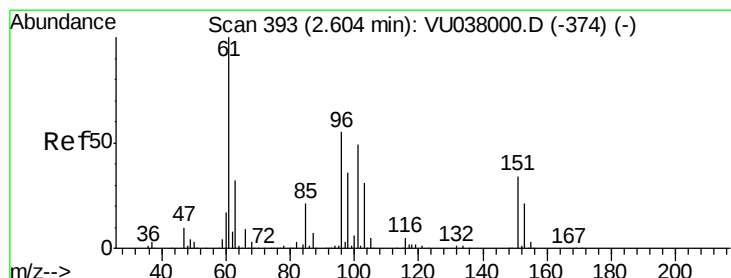
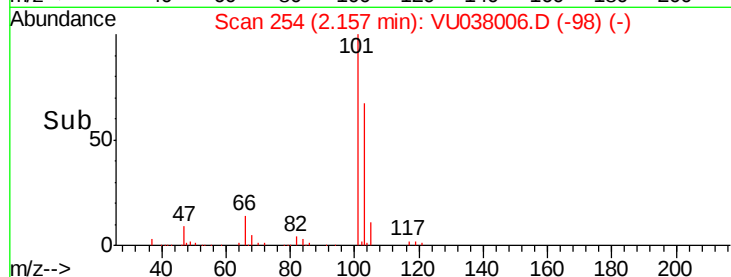
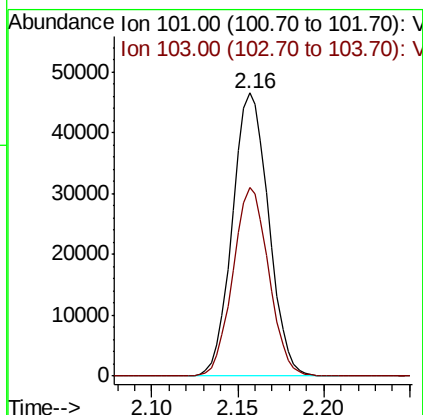
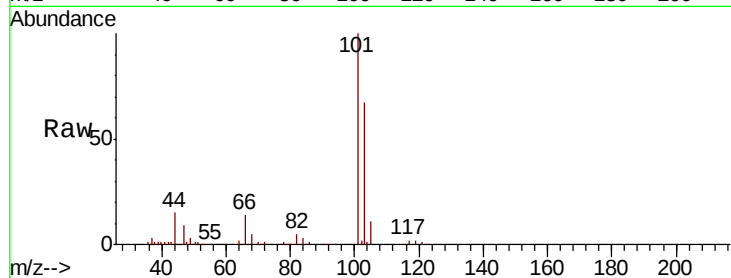


#7

Trichlorofluoromethane
 Concen: 1.906 ug/l
 RT: 2.16 min Scan# 254
 Delta R.T. 0.00 min
 Lab File: VU038006.D
 Acq: 04 May 2020 17:44

Instrument :
 MSVOA_U
 ClientSampled :

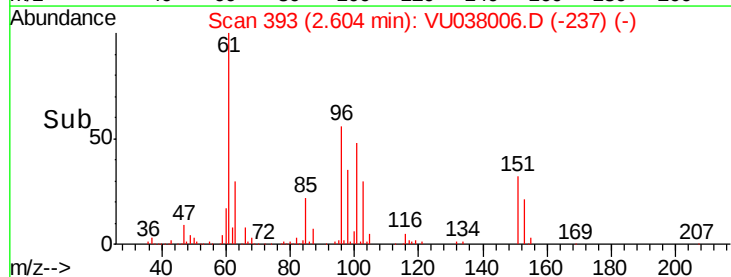
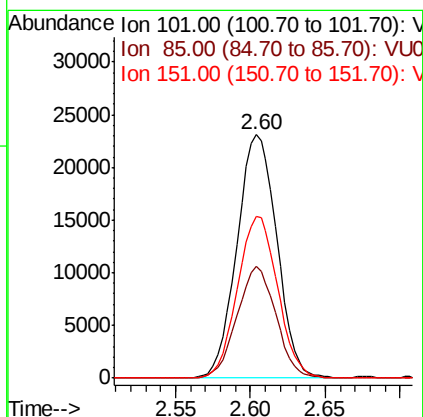
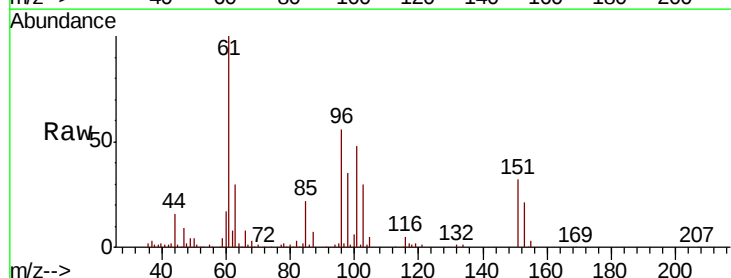
Tot Ion:101 Resp: 68508
 Ion Ratio Lower Upper
 101 100
 103 66.6 52.6 78.8

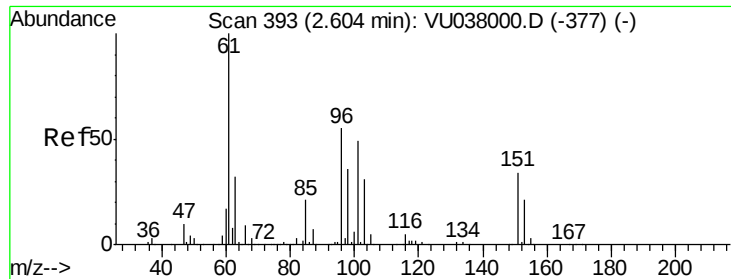


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.919 ug/l
 RT: 2.60 min Scan# 393
 Delta R.T. 0.00 min
 Lab File: VU038006.D
 Acq: 04 May 2020 17:44

Tgt Ion:101 Resp: 42995
 Ion Ratio Lower Upper
 101 100
 85 44.4 35.5 53.3
 151 66.6 55.2 82.8

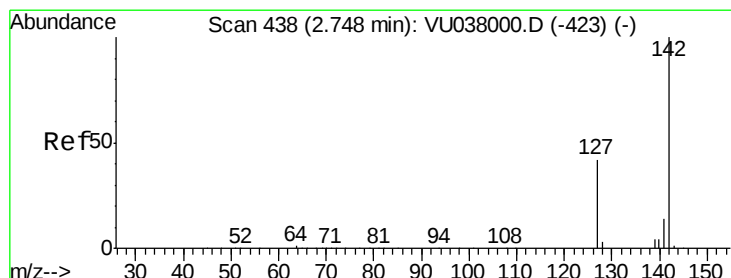
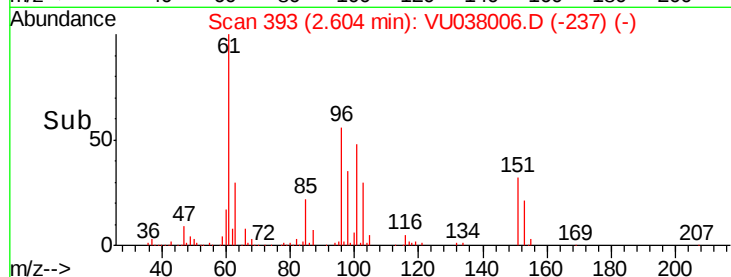
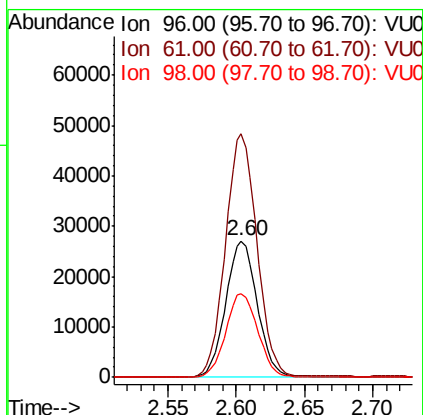
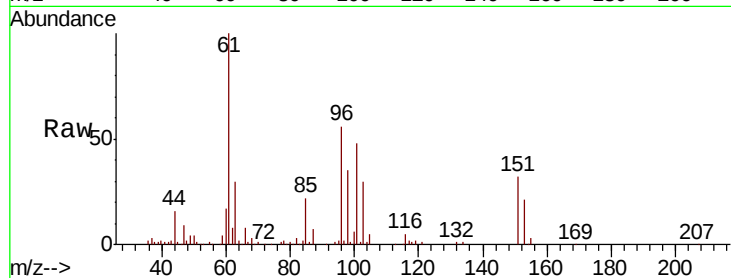




#9
 1,1-Dichloroethene
 Concen: 1.936 ug/l
 RT: 2.60 min Scan# 393
 Delta R.T. 0.00 min
 Lab File: VU038006.D
 Acq: 04 May 2020 17:44

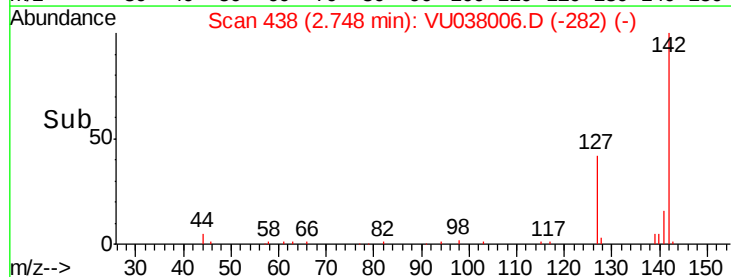
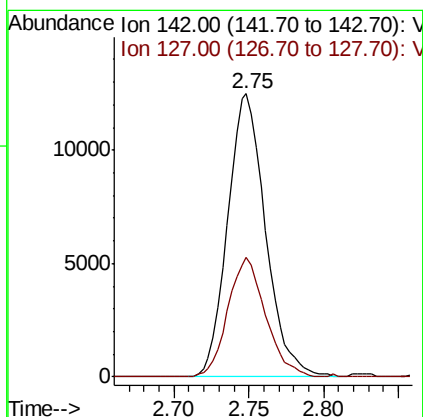
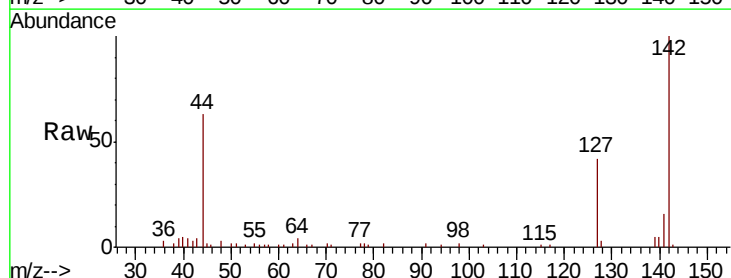
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 MSVOA_U
 ClientSampled :

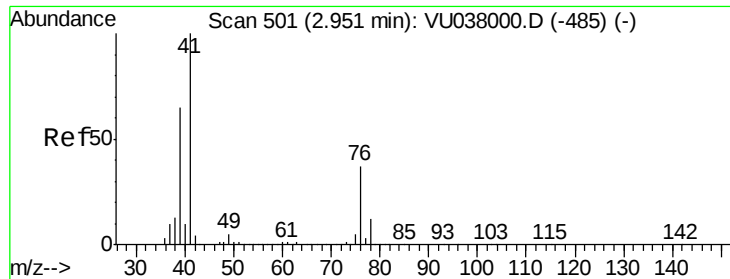
Tot Ion	96	Resp	43557
Ion	Ratio	Lower	Upper
96	100		
61	178.2	0.0	543.0
98	61.7	0.0	129.4



#10
 Iodomethane
 Concen: 1.933 ug/l
 RT: 2.75 min Scan# 438
 Delta R.T. 0.00 min
 Lab File: VU038006.D
 Acq: 04 May 2020 17:44

Tgt Ion	142	Resp	22020
Ion	Ratio	Lower	Upper
142	100		
127	41.8	33.5	50.3

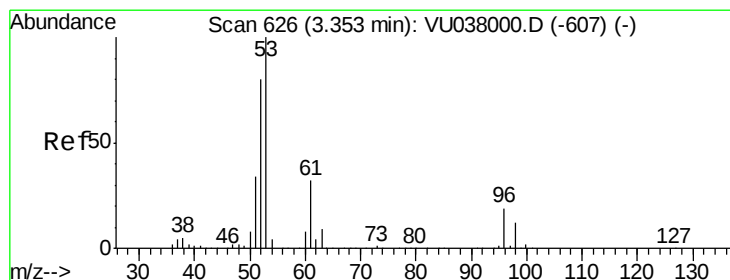
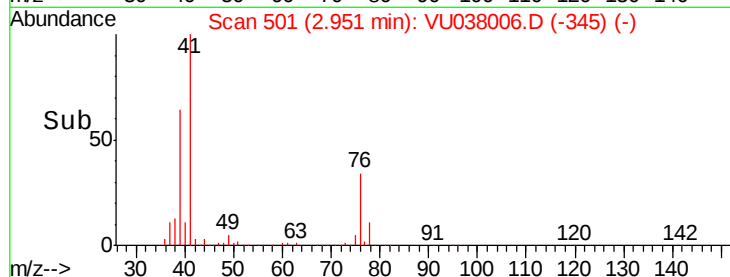
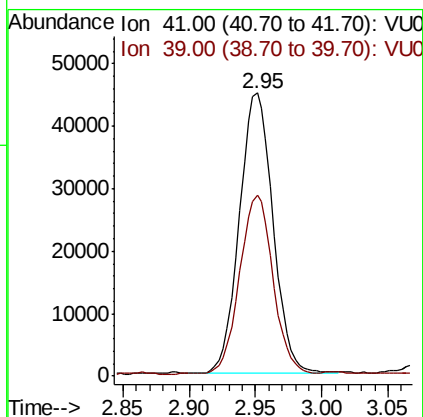
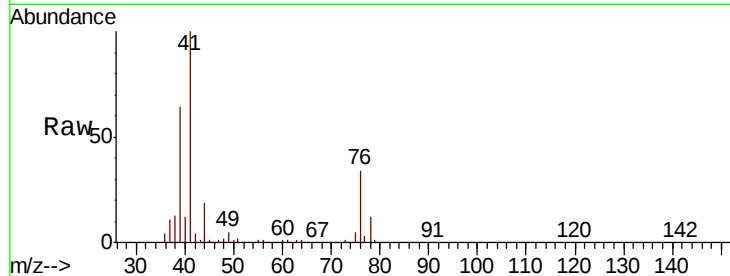




#11
 Allvl Chloride
 Concen: 1.900 ug/l
 RT: 2.95 min Scan# 501
 Delta R.T. 0.00 min
 Lab File: VU038006.D
 Acq: 04 May 2020 17:44

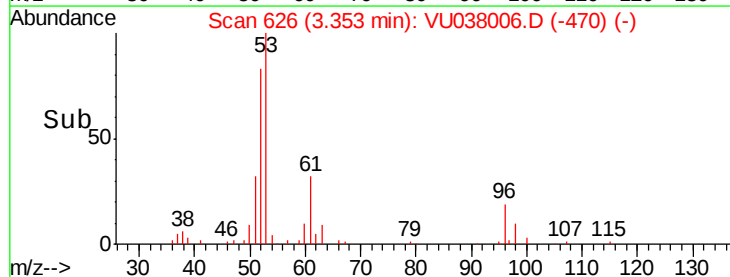
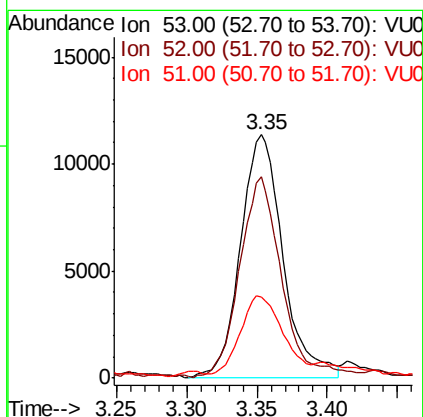
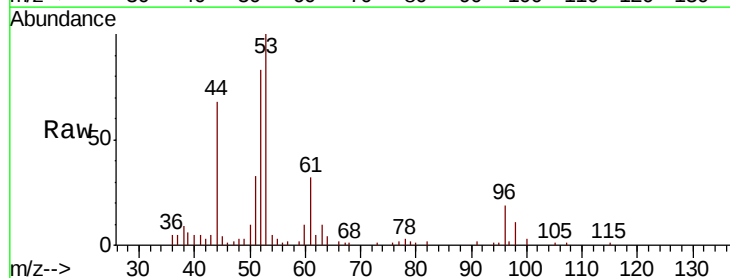
Instrument :
 MSVOA_U
 ClientSampled :

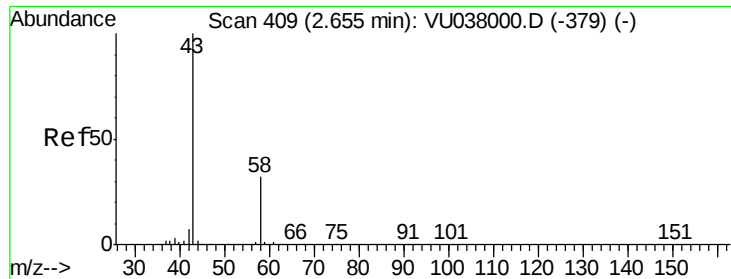
Tot Ion: 41 Resp: 79297
 Ion Ratio Lower Upper
 41 100
 39 62.3 51.7 77.5



#12
 Acrylonitrile
 Concen: 3.913 ug/l
 RT: 3.35 min Scan# 626
 Delta R.T. 0.00 min
 Lab File: VU038006.D
 Acq: 04 May 2020 17:44

Tgt Ion: 53 Resp: 24067
 Ion Ratio Lower Upper
 53 100
 52 81.9 63.3 94.9
 51 31.5 30.2 45.2

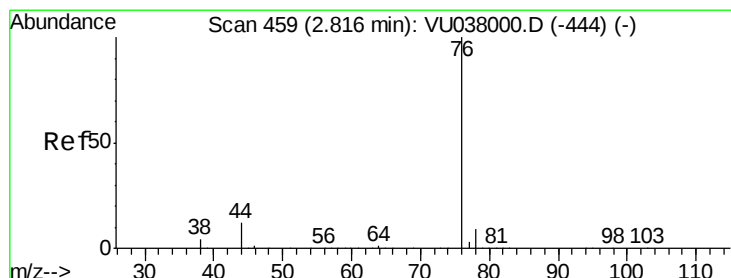
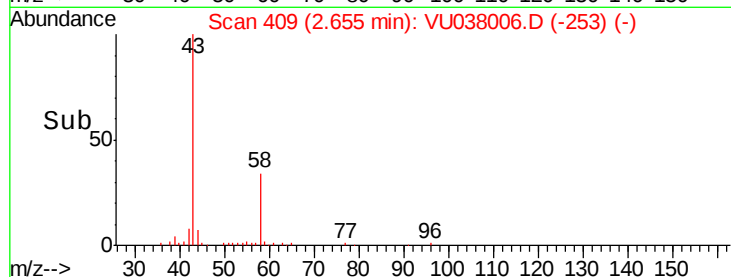
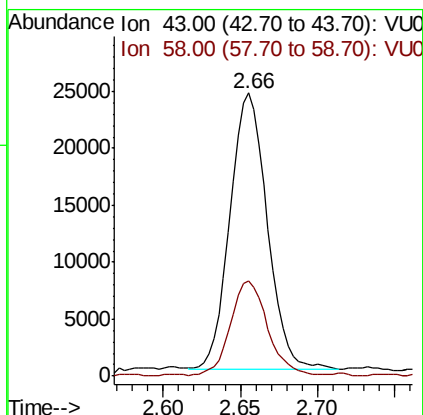
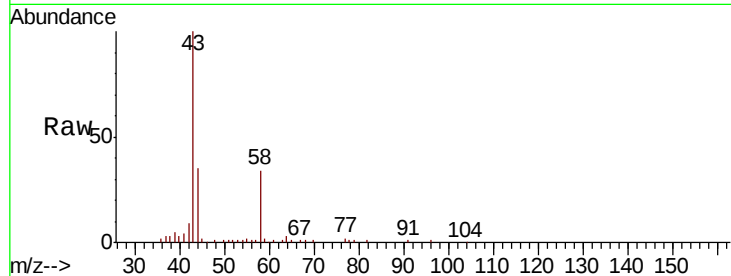




#13
Acetone
Concen: 8.224 ug/l
RT: 2.66 min Scan# 409
Delta R.T. 0.00 min
Lab File: VU038006.D
Acq: 04 May 2020 17:44

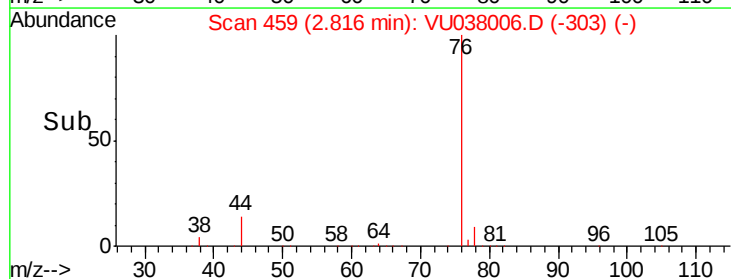
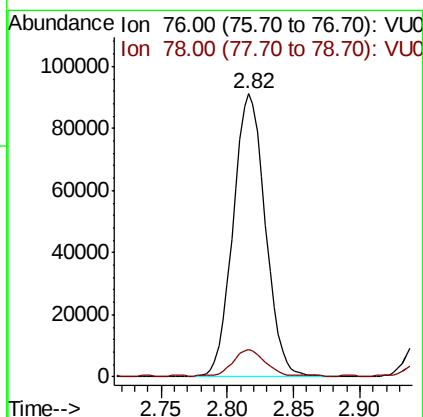
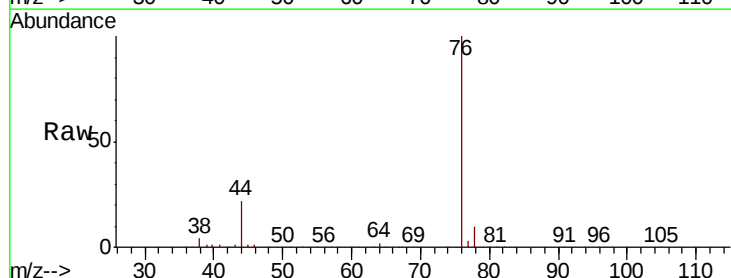
Instrument :
MSVOA_U
ClientSampled :

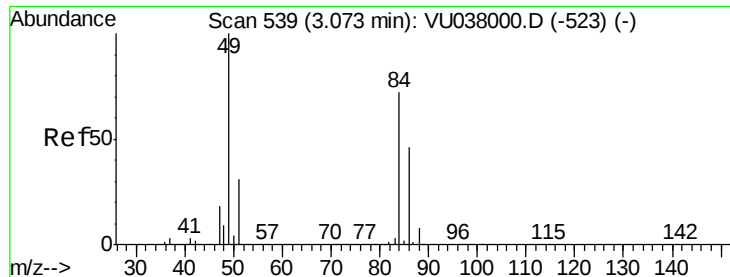
Tot Ion: 43 Resp: 40461
Ion Ratio Lower Upper
43 100
58 34.4 25.2 37.8



#14
Carbon Disulfide
Concen: 1.877 ug/l
RT: 2.82 min Scan# 459
Delta R.T. 0.00 min
Lab File: VU038006.D
Acq: 04 May 2020 17:44

Tgt Ion: 76 Resp: 154194
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.6

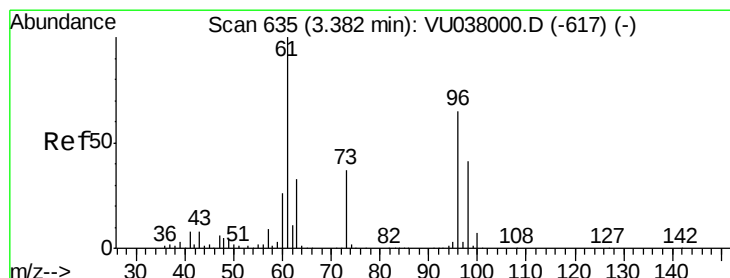
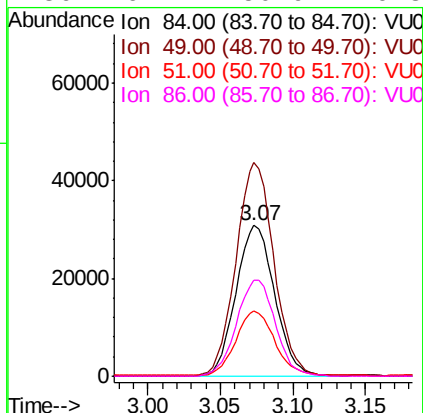
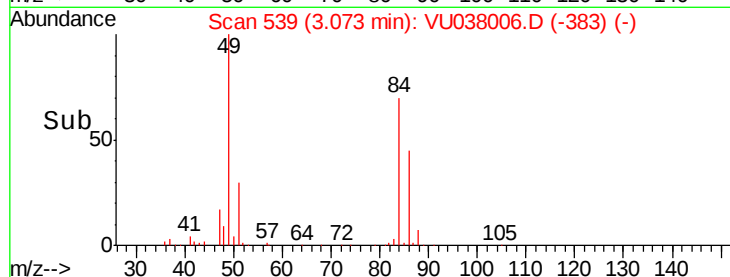
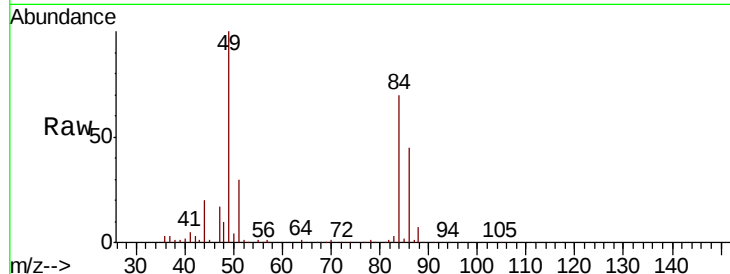




#15
Methvlene Chloride
Concen: 1.905 ug/l
RT: 3.07 min Scan# 539
Delta R.T. 0.00 min
Lab File: VU038006.D
Acq: 04 May 2020 17:44

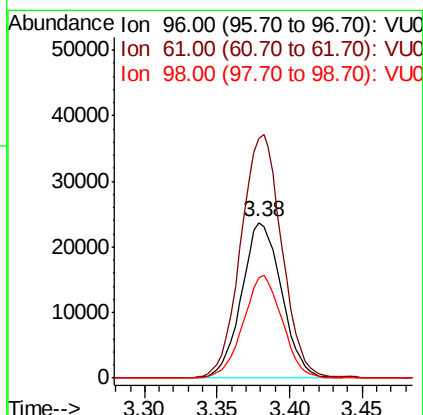
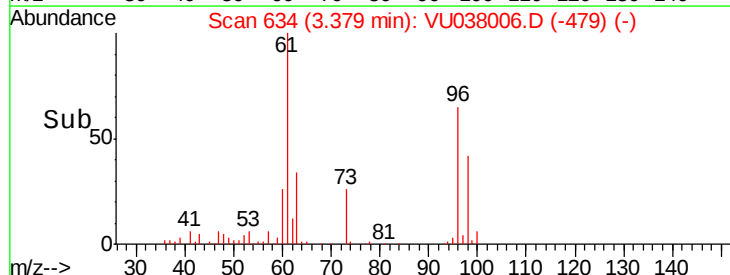
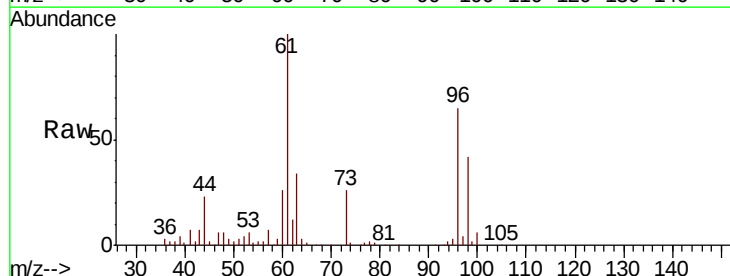
Instrument :
MSVOA_U
ClientSampleId :

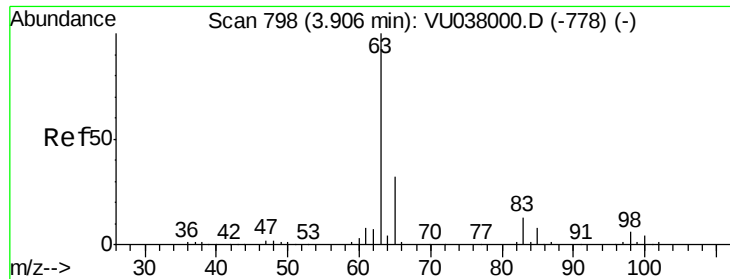
Tot Ion:	84	Resp:	57354
Ion	Ratio	Lower	Upper
84	100		
49	141.9	110.6	166.0
51	42.4	0.0	85.4
86	64.2	50.9	76.3



#16
trans-1,2-Dichloroethene
Concen: 1.851 ug/l
RT: 3.38 min Scan# 634
Delta R.T. -0.00 min
Lab File: VU038006.D
Acq: 04 May 2020 17:44

Tgt Ion:	96	Resp:	45566
Ion	Ratio	Lower	Upper
96	100		
61	154.1	122.4	183.6
98	64.2	50.1	75.1

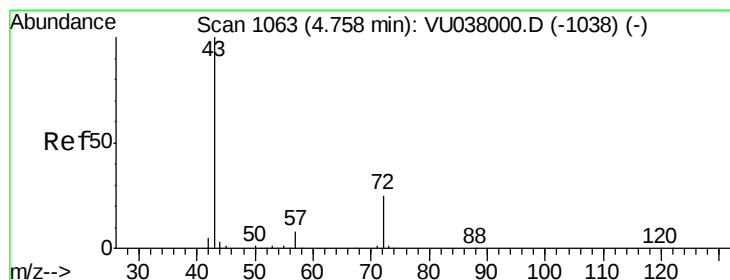
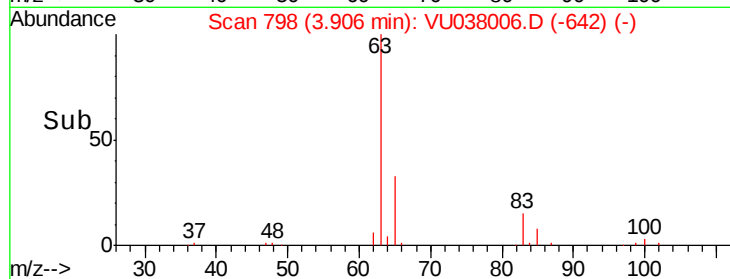
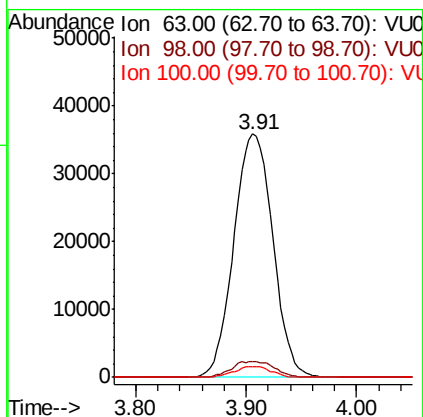
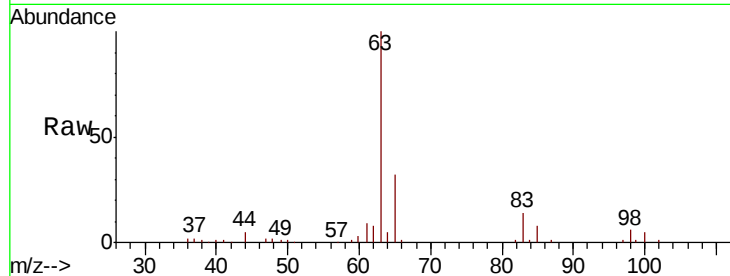




#17
 1,1-Dichloroethane
 Concen: 1.887 ug/l
 RT: 3.91 min Scan# 798
 Delta R.T. 0.00 min
 Lab File: VU038006.D
 Acq: 04 May 2020 17:44

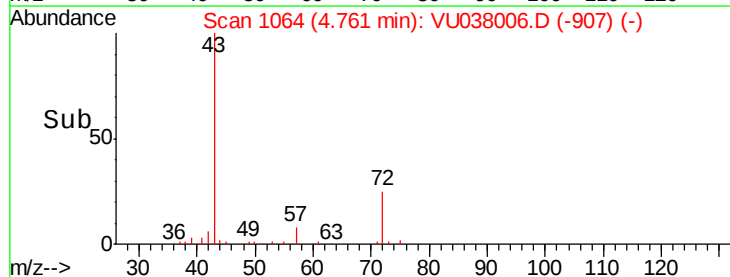
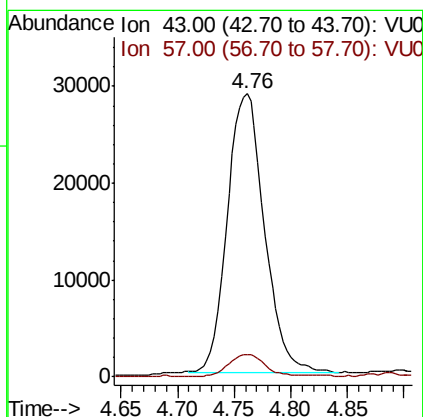
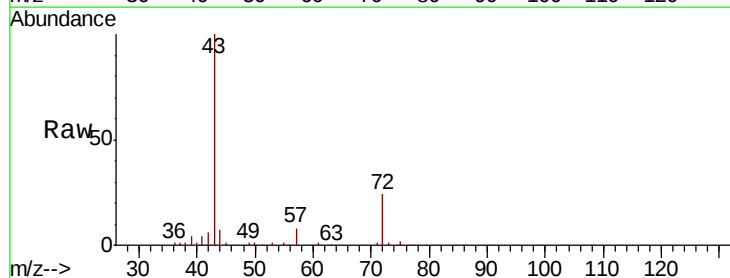
Instrument :
 MSVOA_U
 ClientSampled :

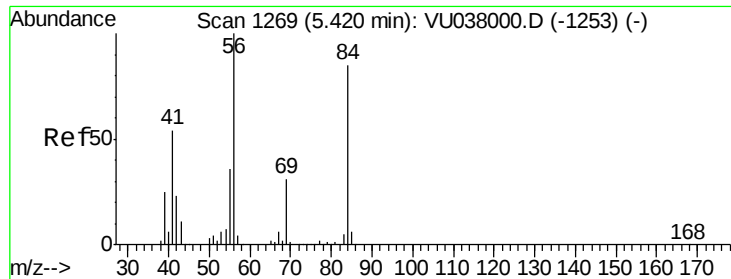
Tot Ion: 63 Resp: 88117
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.1 9.4
 100 4.5 2.2 6.6



#18
 2-Butanone
 Concen: 8.885 ug/l
 RT: 4.76 min Scan# 1064
 Delta R.T. 0.00 min
 Lab File: VU038006.D
 Acq: 04 May 2020 17:44

Tgt Ion: 43 Resp: 65540
 Ion Ratio Lower Upper
 43 100
 57 8.0 0.0 16.6

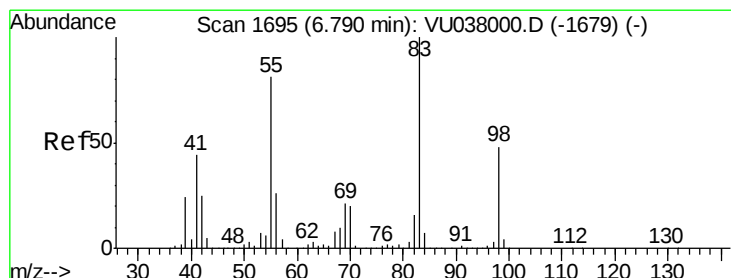
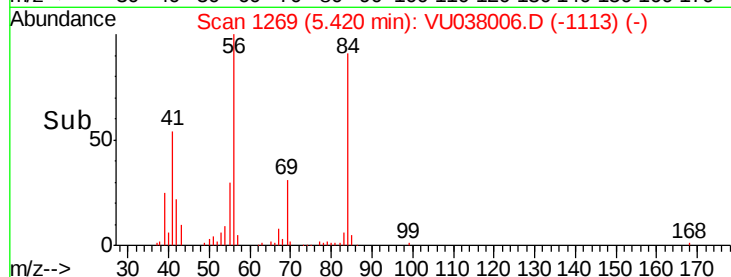
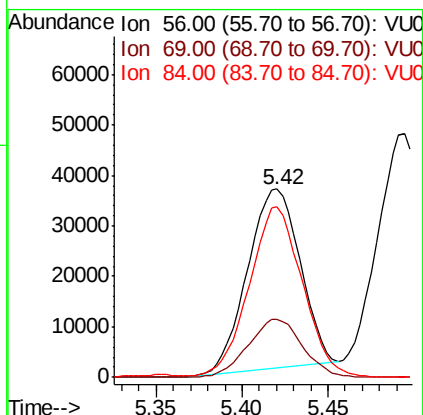
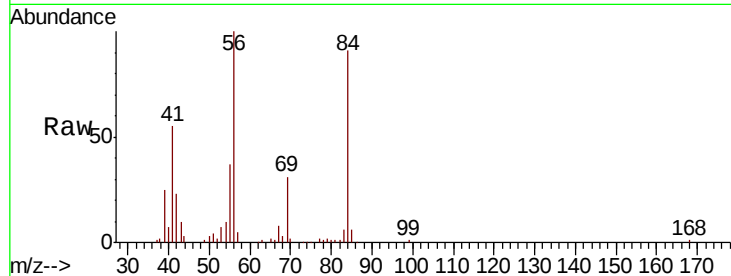




#19
Cyclohexane
Concen: 1.657 ug/l
RT: 5.42 min Scan# 1269
Delta R.T. 0.00 min
Lab File: VU038006.D
Acq: 04 May 2020 17:44

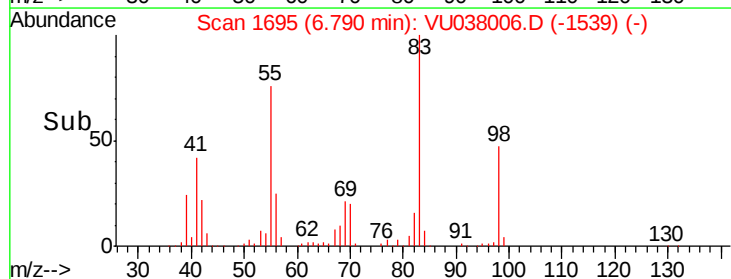
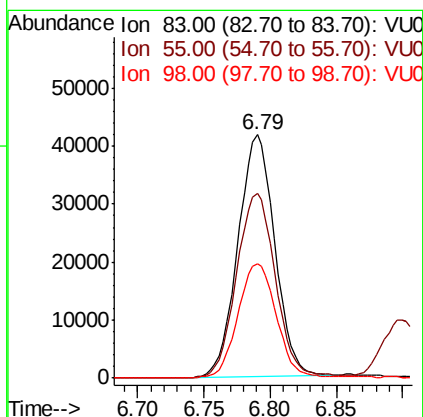
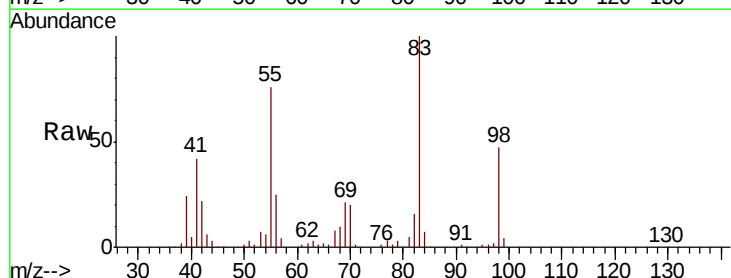
Instrument :
MSVOA_U
ClientSampleId :

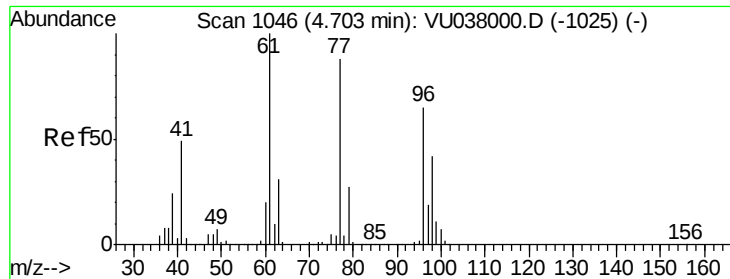
Tot Ion	56.00 (55.70 to 56.70): VU0	Resp	75013
Ion	Ratio	Lower	Upper
56	100		
69	33.9	24.3	36.5
84	96.0	66.3	99.5



#20
Methylcyclohexane
Concen: 1.813 ug/l
RT: 6.79 min Scan# 1695
Delta R.T. 0.00 min
Lab File: VU038006.D
Acq: 04 May 2020 17:44

Tgt Ion	83.00 (82.70 to 83.70): VU0	Resp	80453
Ion	Ratio	Lower	Upper
83	100		
55	79.5	61.5	92.3
98	48.6	37.3	55.9

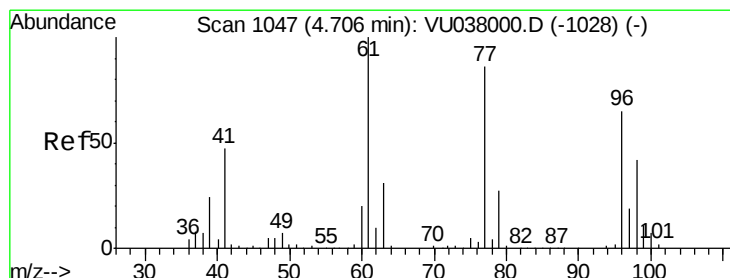
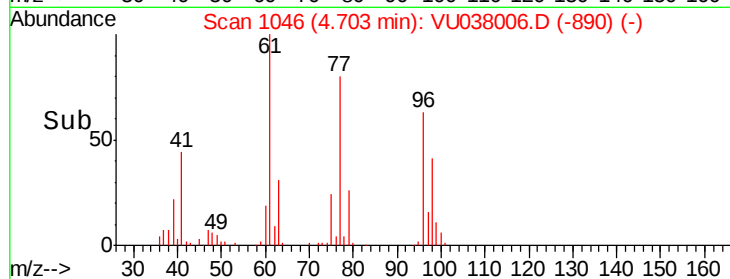
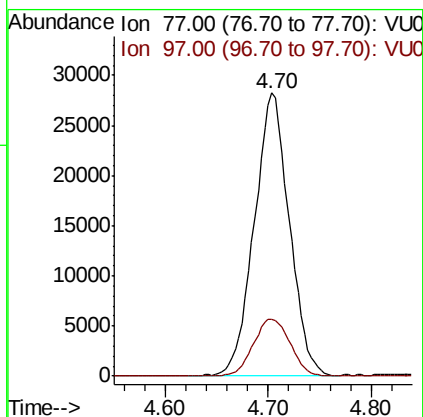
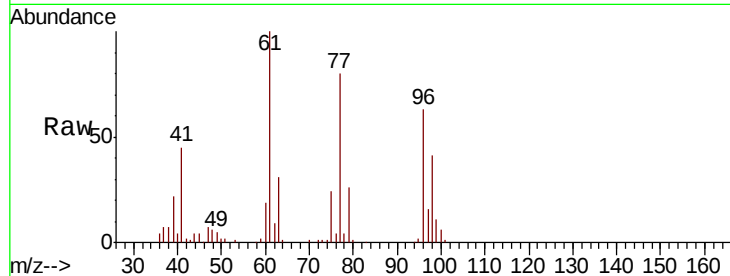




#21
 2,2-Dichloropropane
 Concen: 1.711 ug/l
 RT: 4.70 min Scan# 1046
 Delta R.T. 0.00 min
 Lab File: VU038006.D
 Acq: 04 May 2020 17:44

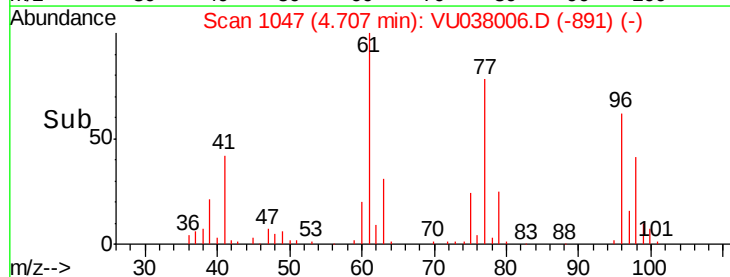
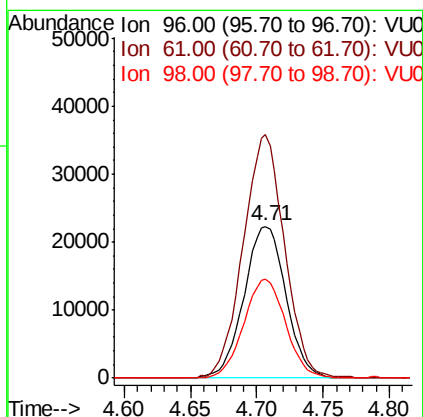
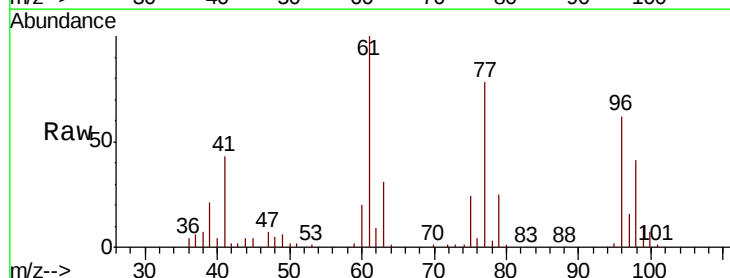
Instrument :
 MSVOA_U
 ClientSampled :

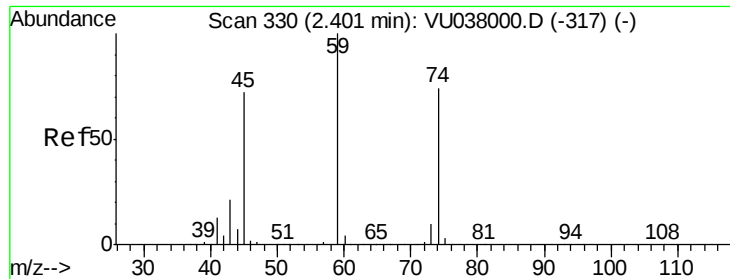
Tot Ion: 77 Resp: 66759
 Ion Ratio Lower Upper
 77 100
 97 21.1 17.4 26.2



#22
 cis-1,2-Dichloroethene
 Concen: 1.891 ug/l
 RT: 4.71 min Scan# 1047
 Delta R.T. 0.00 min
 Lab File: VU038006.D
 Acq: 04 May 2020 17:44

Tgt Ion: 96 Resp: 49211
 Ion Ratio Lower Upper
 96 100
 61 158.5 0.0 389.3
 98 64.9 32.1 96.3

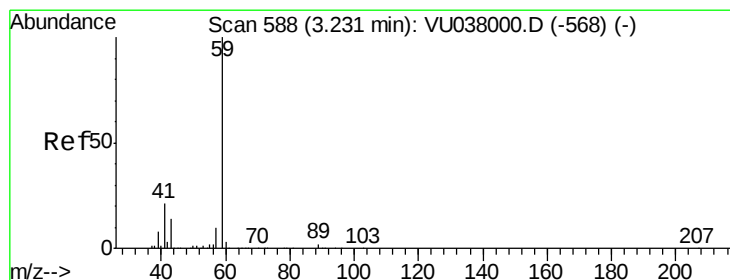
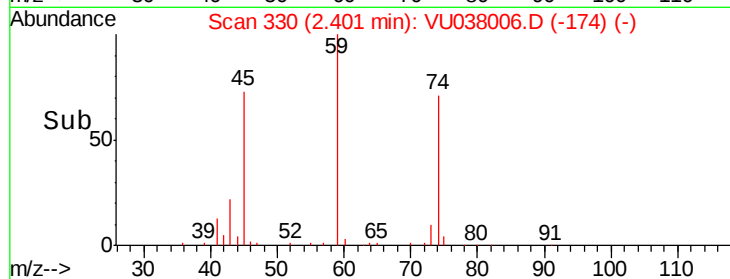
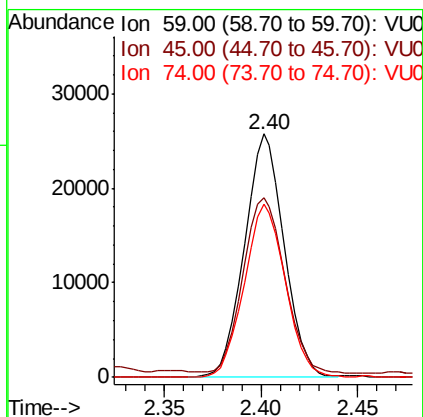
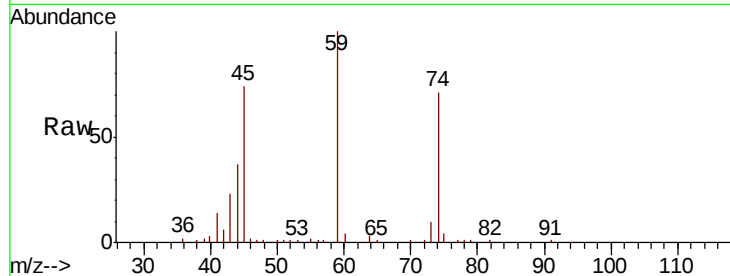




#23
Diethyl Ether
Concen: 1.859 ug/l
RT: 2.40 min Scan# 330
Delta R.T. 0.00 min
Lab File: VU038006.D
Acq: 04 May 2020 17:44

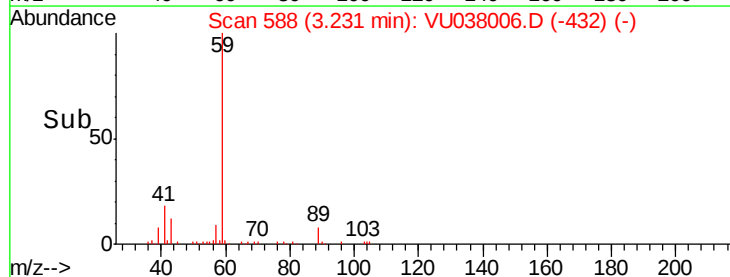
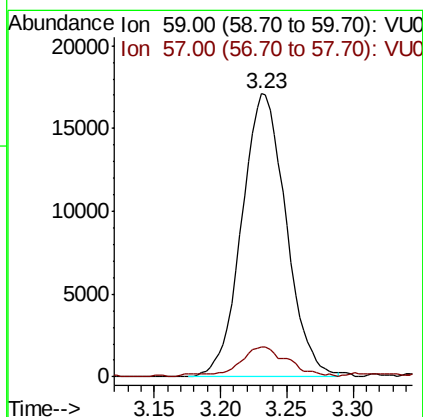
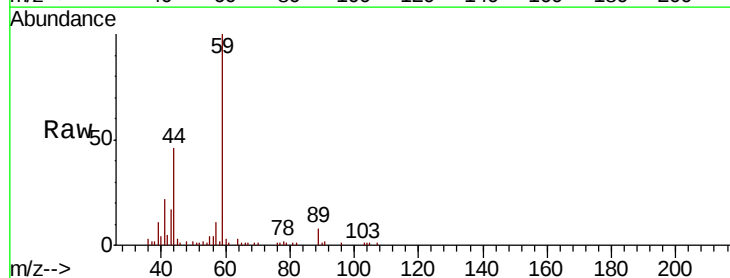
Instrument :
MSVOA_U
ClientSampleId :

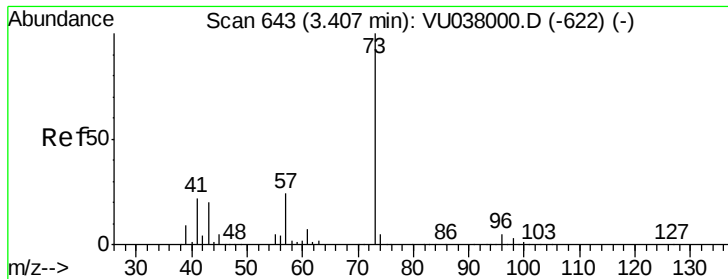
Tot Ion: 59 Resp: 36688
Ion Ratio Lower Upper
59 100
45 76.1 59.8 89.6
74 73.6 58.2 87.4



#24
tert-Butyl Alcohol
Concen: 18.159 ug/l
RT: 3.23 min Scan# 588
Delta R.T. 0.00 min
Lab File: VU038006.D
Acq: 04 May 2020 17:44

Tgt Ion: 59 Resp: 39765
Ion Ratio Lower Upper
59 100
57 11.9 8.2 12.4



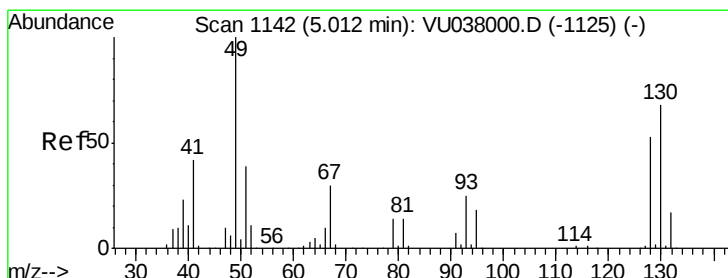
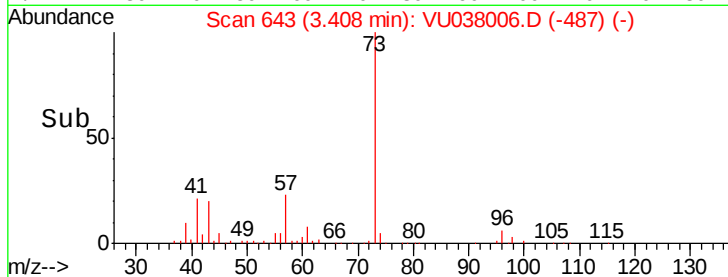
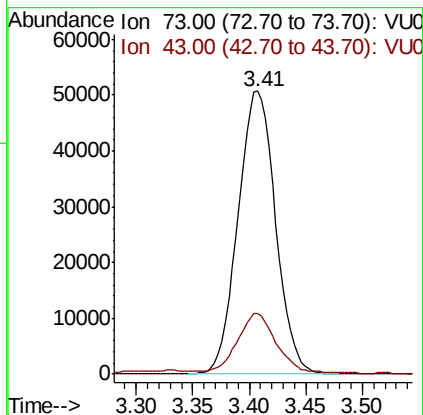
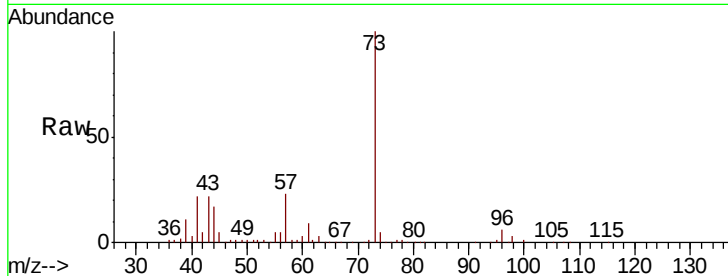


#25

Methyl tert-Butyl Ether
 Concen: 1.903 ug/l
 RT: 3.41 min Scan# 643
 Delta R.T. 0.00 min
 Lab File: VU038006.D
 Acq: 04 May 2020 17:44

Instrument :
 MSVOA_U
 ClientSampled :

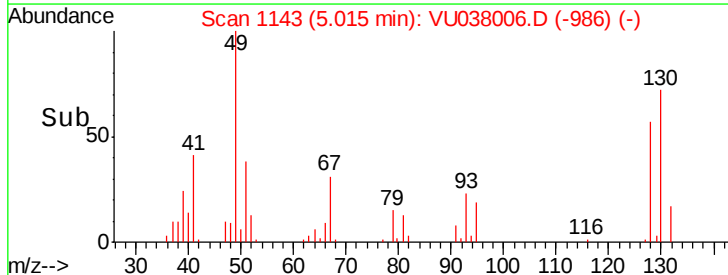
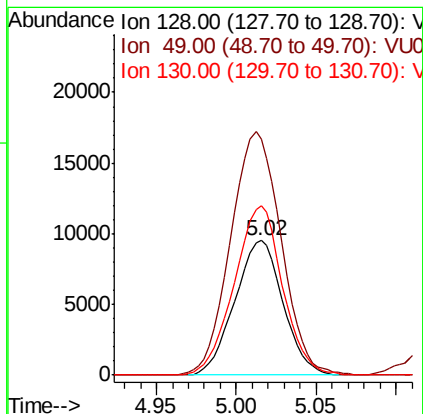
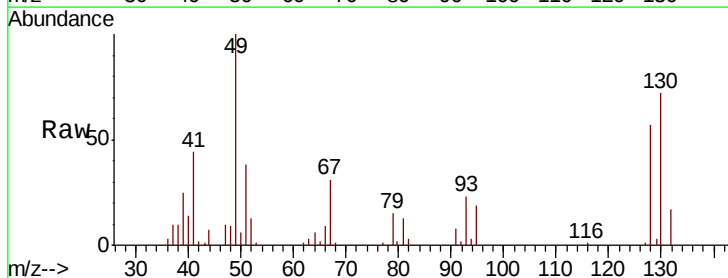
Tot Ion: 73 Resp: 117325
 Ion Ratio Lower Upper
 73 100
 43 21.7 16.2 24.2

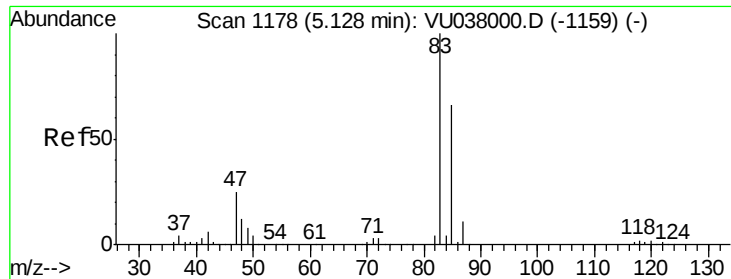


#26

Bromochloromethane
 Concen: 1.868 ug/l
 RT: 5.02 min Scan# 1143
 Delta R.T. 0.00 min
 Lab File: VU038006.D
 Acq: 04 May 2020 17:44

Tgt Ion: 128 Resp: 19572
 Ion Ratio Lower Upper
 128 100
 49 189.6 0.0 376.0
 130 126.7 102.6 153.8

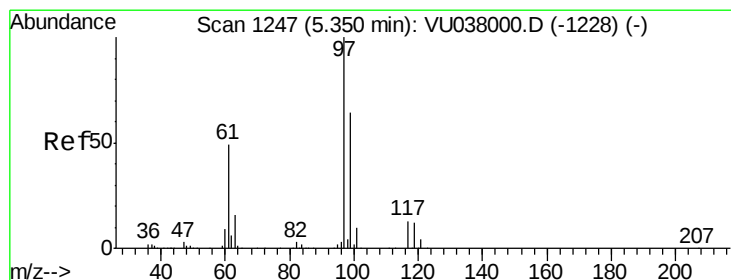
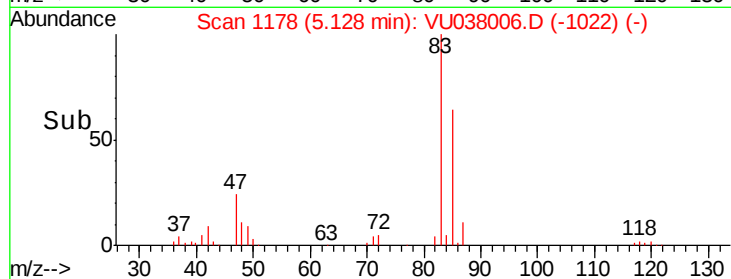
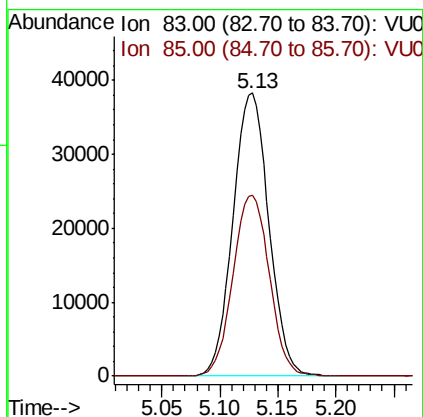
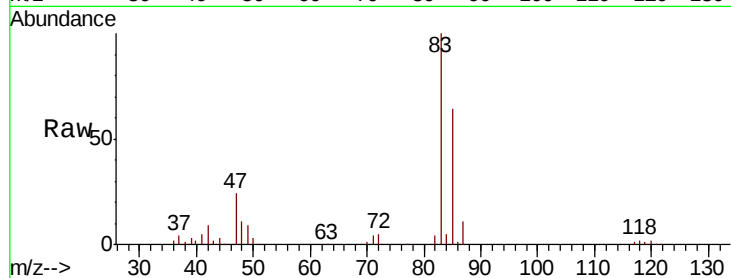




#27
Chloroform
Concen: 1.882 ug/l
RT: 5.13 min Scan# 1178
Delta R.T. 0.00 min
Lab File: VU038006.D
Acq: 04 May 2020 17:44

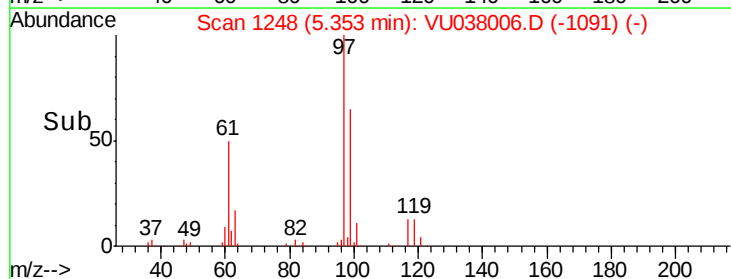
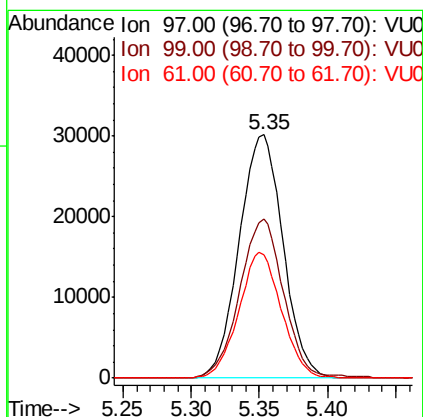
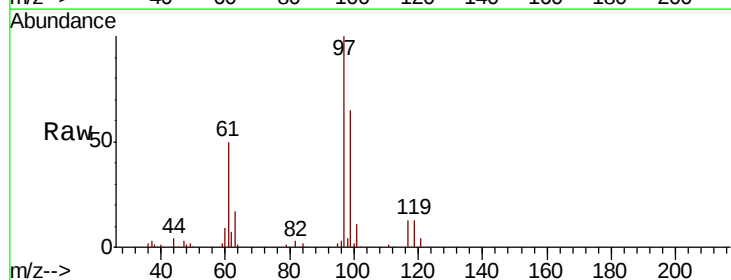
Instrument :
MSVOA_U
ClientSampleId :

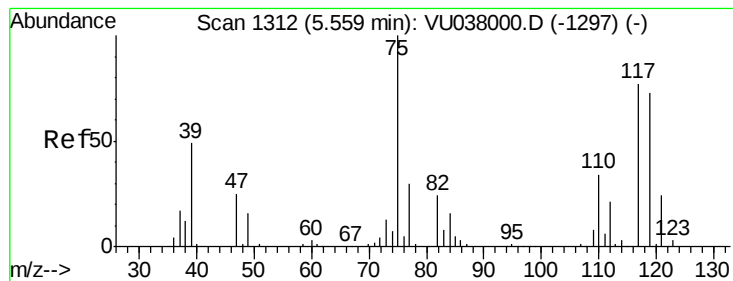
Tot Ion: 83 Resp: 82402
Ion Ratio Lower Upper
83 100
85 64.1 0.0 132.0



#28
1,1,1-Trichloroethane
Concen: 1.865 ug/l
RT: 5.35 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VU038006.D
Acq: 04 May 2020 17:44

Tgt Ion: 97 Resp: 67292
Ion Ratio Lower Upper
97 100
99 65.0 31.9 95.9
61 50.4 24.1 72.4





#29

1,1-Dichloropropene

Concen: 1.886 ug/l

RT: 5.56 min Scan# 1312

Delta R.T. 0.00 min

Lab File: VU038006.D

Acq: 04 May 2020 17:44

Instrument :
MSVOA_U
ClientSampleId :

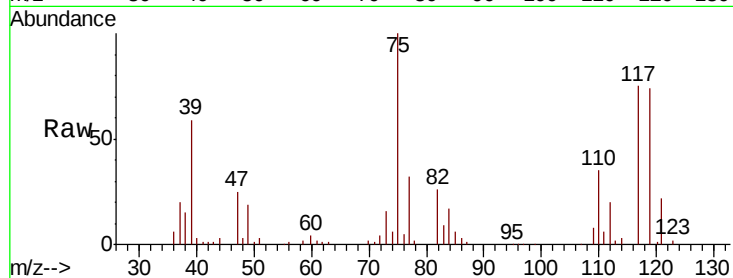
Tot Ion: 75 Resp: 68495

Ion Ratio Lower Upper

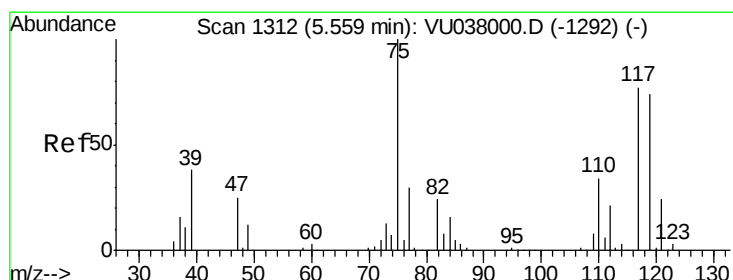
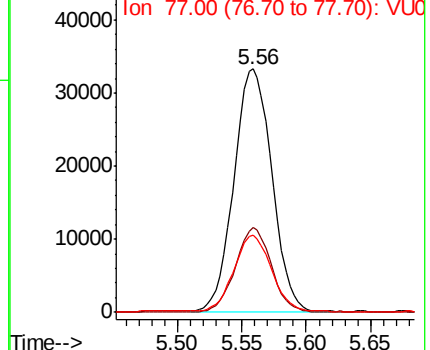
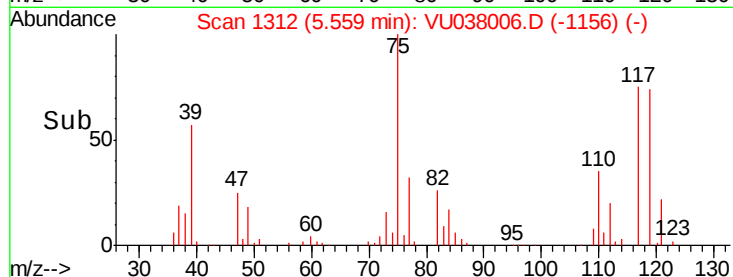
75 100

110 32.7 16.7 50.1

77 30.4 24.5 36.7



Abundance Ion 75.00 (74.70 to 75.70): VU038006.D (-1156) (-)



#30

Carbon Tetrachloride

Concen: 1.845 ug/l

RT: 5.56 min Scan# 1312

Delta R.T. 0.00 min

Lab File: VU038006.D

Acq: 04 May 2020 17:44

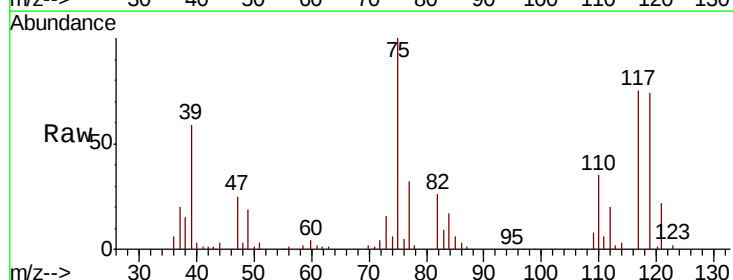
Tgt Ion: 117 Resp: 55706

Ion Ratio Lower Upper

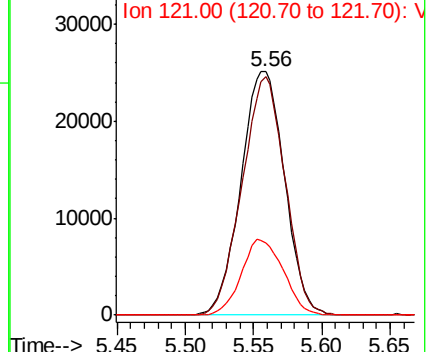
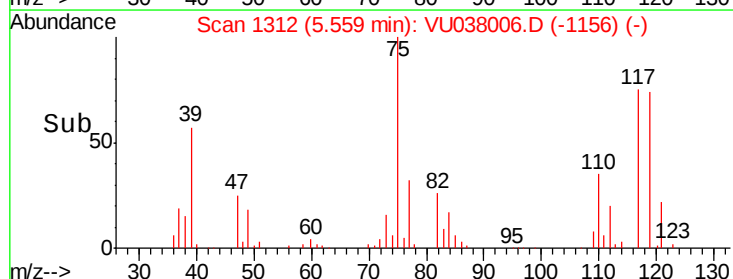
117 100

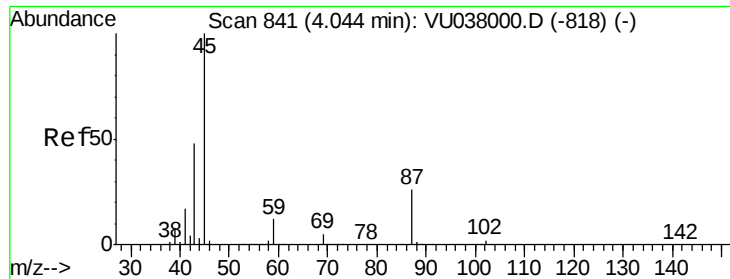
119 98.1 76.3 114.5

121 29.7 24.7 37.1



Abundance Ion 117.00 (116.70 to 117.70): VU038006.D (-1156) (-)





#31

Isopropyl Ether

Concen: 1.836 ug/l

RT: 4.05 min Scan# 842

Delta R.T. 0.00 min

Lab File: VU038006.D

Acq: 04 May 2020 17:44

Instrument :

MSVOA_U

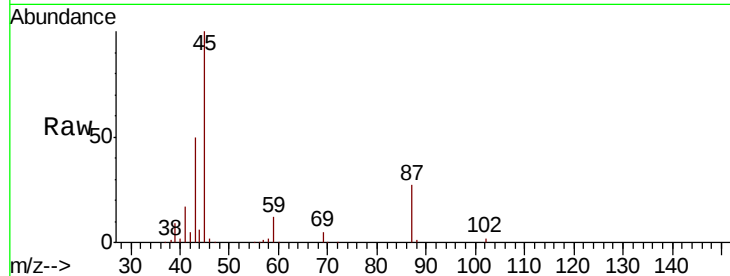
ClientSampled :

Tot Ion: 45 Resp: 141082

Ion Ratio Lower Upper

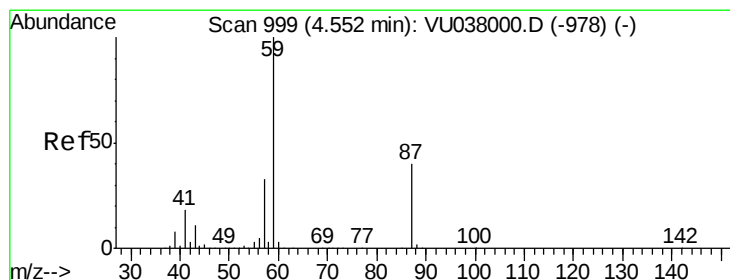
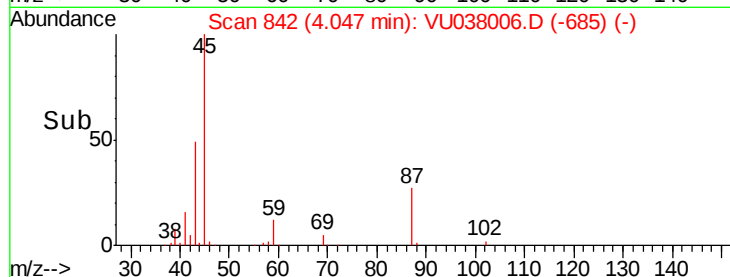
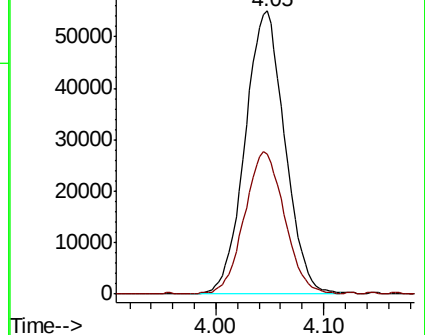
45 100

43 50.8 24.2 72.6



Abundance Ion 45.00 (44.70 to 45.70): VU038006.D (-842) (-)

Ion 43.00 (42.70 to 43.70): VU038006.D (-842) (-)



#32

Ethyl-t-butyl ether

Concen: 1.838 ug/l

RT: 4.55 min Scan# 999

Delta R.T. 0.00 min

Lab File: VU038006.D

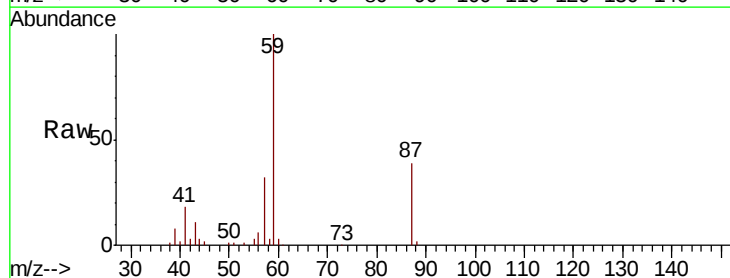
Acq: 04 May 2020 17:44

Tgt Ion: 59 Resp: 127513

Ion Ratio Lower Upper

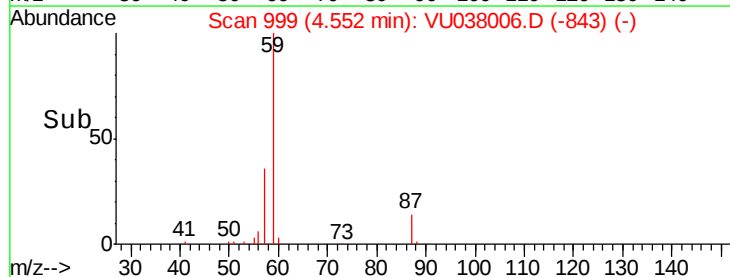
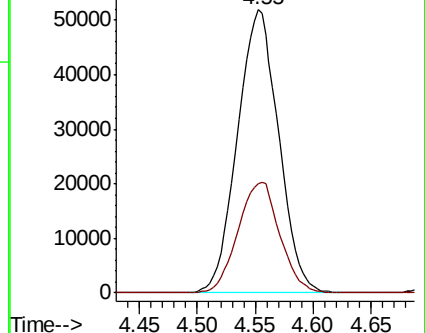
59 100

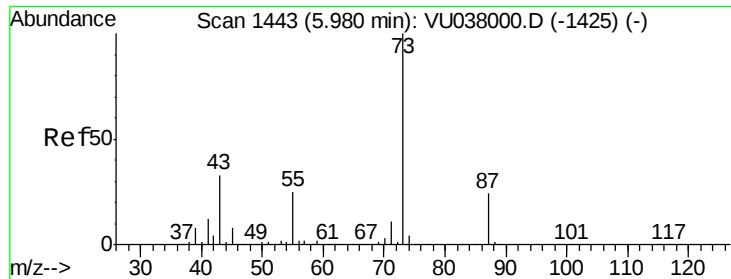
87 39.8 32.4 48.6



Abundance Ion 59.00 (58.70 to 59.70): VU038006.D (-999) (-)

Ion 87.00 (86.70 to 87.70): VU038006.D (-999) (-)

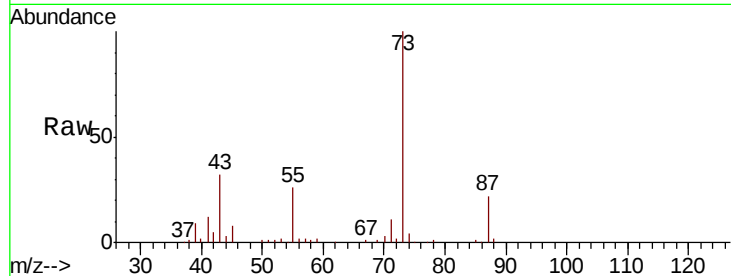




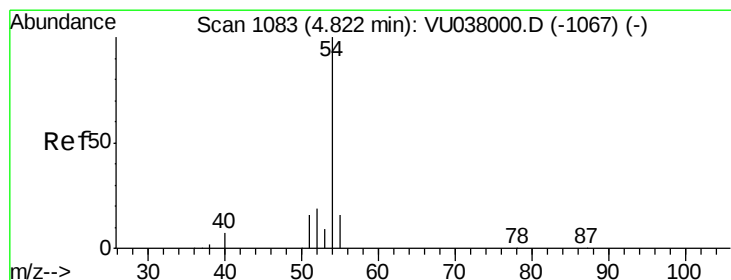
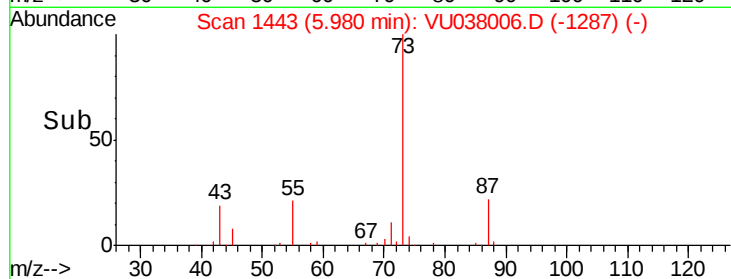
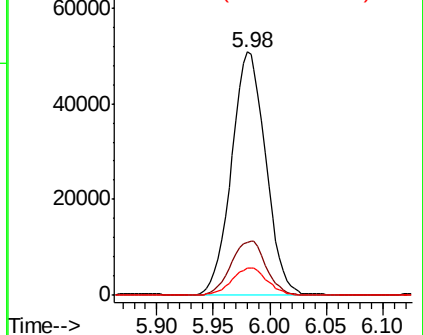
#33
Tert-Butyl methyl ether
Concen: 1.789 ug/l
RT: 5.98 min Scan# 1443
Delta R.T. 0.00 min
Lab File: VU038006.D
Acq: 04 May 2020 17:44

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
73	100		
87	22.9	18.9	28.3
71	11.4	9.1	13.7

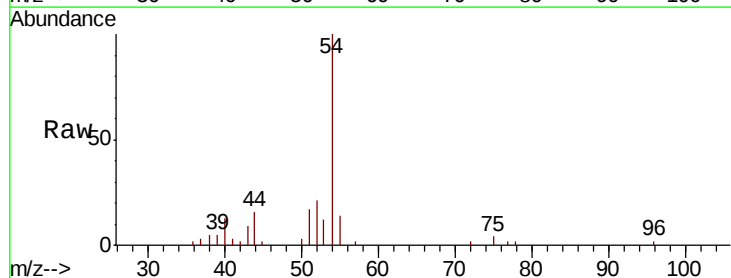


Abundance Ion 73.00 (72.70 to 73.70): VU0
Ion 87.00 (86.70 to 87.70): VU0
Ion 71.00 (70.70 to 71.70): VU0

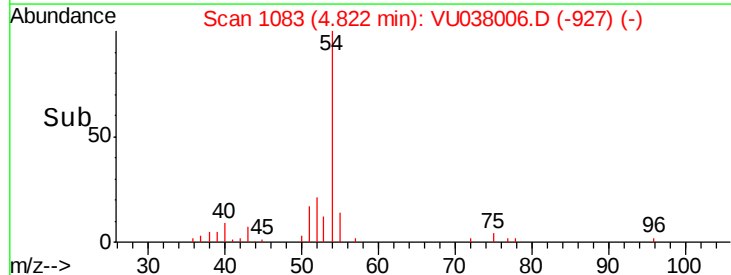
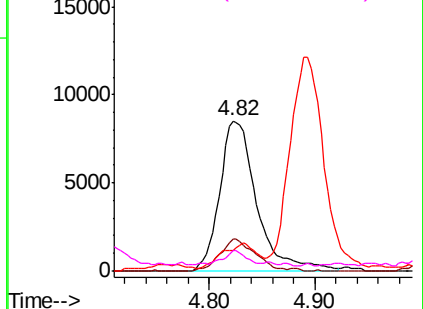


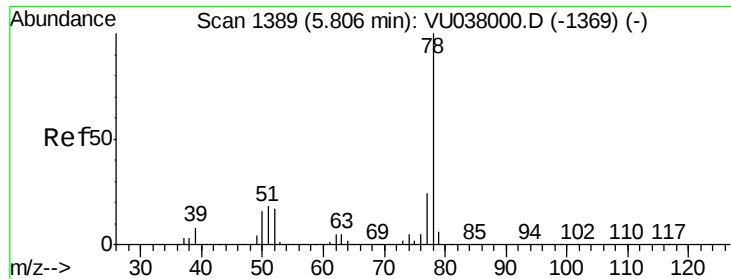
#34
Propionitrile
Concen: 9.798 ug/l
RT: 4.82 min Scan# 1083
Delta R.T. 0.00 min
Lab File: VU038006.D
Acq: 04 May 2020 17:44

Tgt Ion	Ratio	Lower	Upper
54	100		
52	20.1	15.8	23.8
55	15.2	13.2	19.8
40	5.2	5.2	7.8#



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





#35

Benzene

Concen: 1.917 ug/l

RT: 5.81 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VU038006.D

Acq: 04 May 2020 17:44

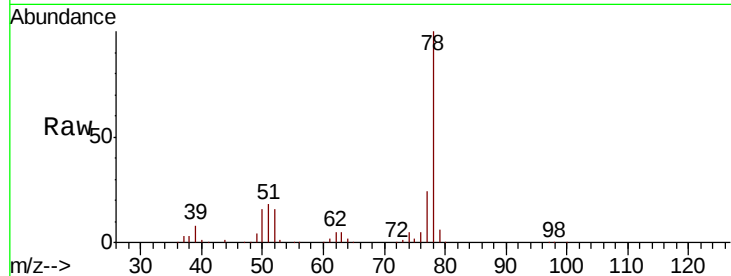
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 78 Resp: 194844

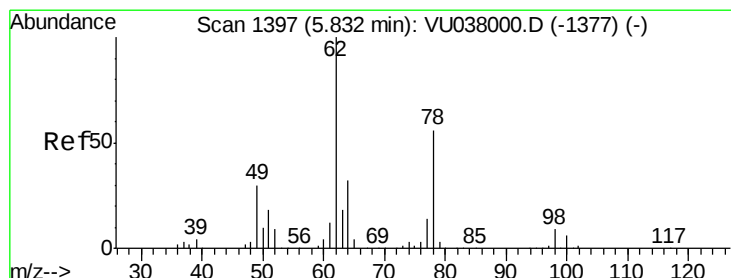
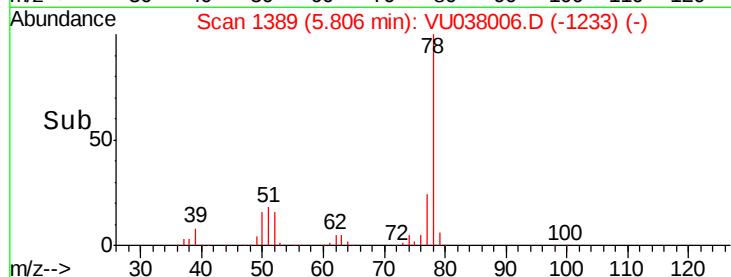
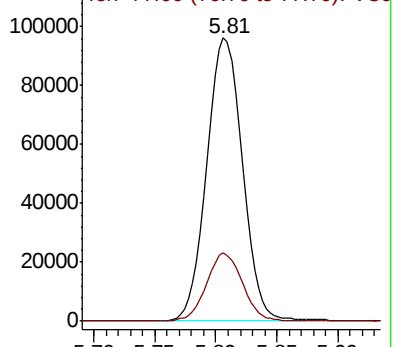
Ion Ratio Lower Upper

78 100

77 24.1 19.3 28.9



Abundance Ion 78.10 (77.80 to 78.80): VU038006.D (-1233) (-)



#36

1,2-Dichloroethane

Concen: 1.870 ug/l

RT: 5.83 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VU038006.D

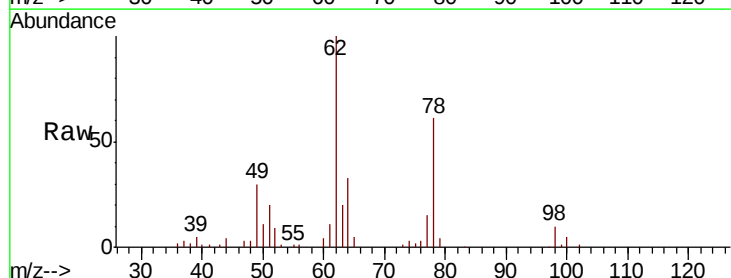
Acq: 04 May 2020 17:44

Tgt Ion: 62 Resp: 56229

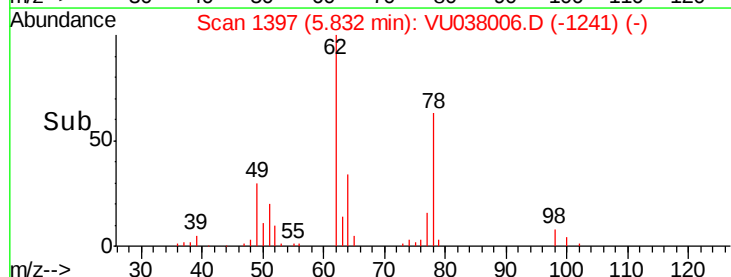
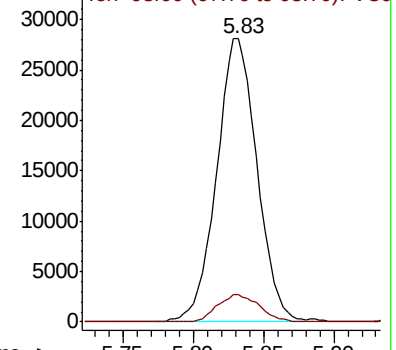
Ion Ratio Lower Upper

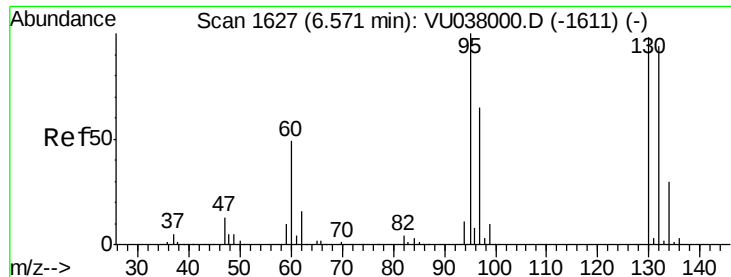
62 100

98 10.0 7.3 10.9



Abundance Ion 62.00 (61.70 to 62.70): VU038006.D (-1241) (-)

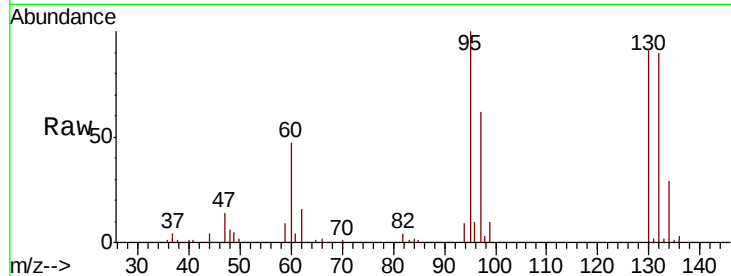




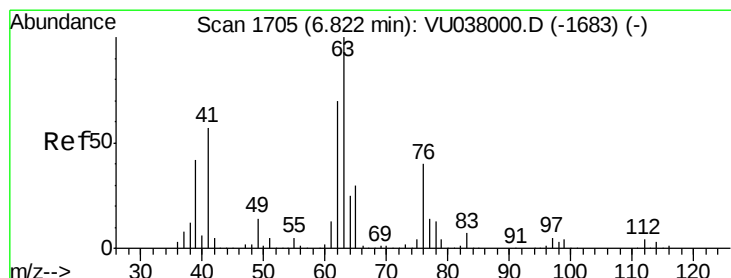
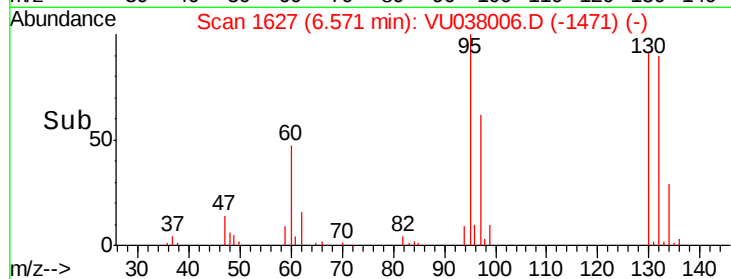
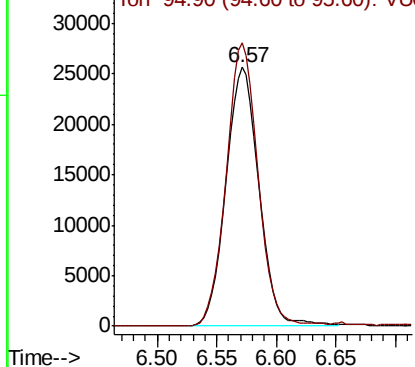
#37
 Trichloroethene
 Concen: 1.852 ug/l
 RT: 6.57 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VU038006.D
 Acq: 04 May 2020 17:44

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion:130 Resp: 49434
 Ion Ratio Lower Upper
 130 100
 95 109.3 81.6 122.4

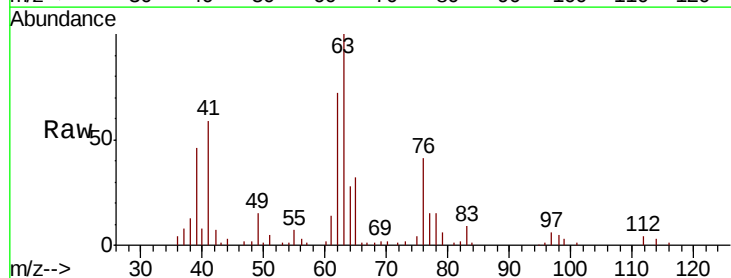


Abundance Ion 129.90 (129.60 to 130.60): VU038006.D (-1471) (-)
 Ion 94.90 (94.60 to 95.60): VU038006.D (-1471) (-)

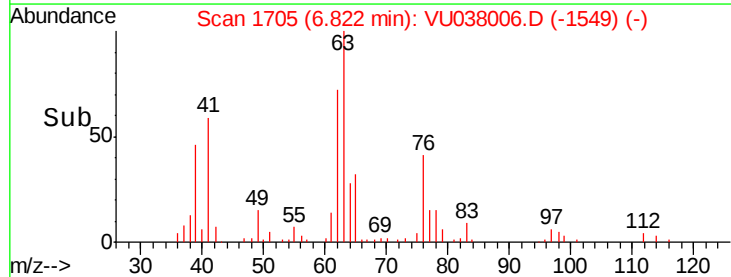
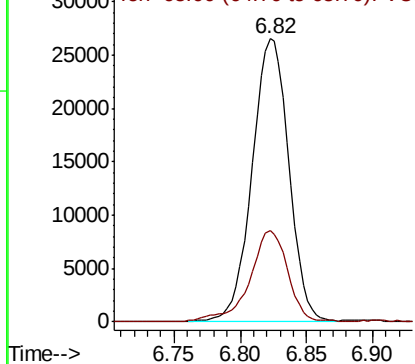


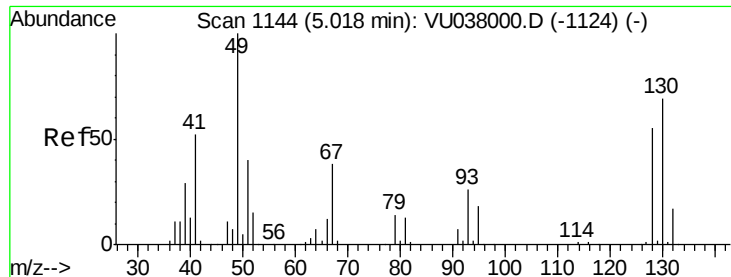
#38
 1,2-Dichloropropane
 Concen: 1.877 ug/l
 RT: 6.82 min Scan# 1705
 Delta R.T. 0.00 min
 Lab File: VU038006.D
 Acq: 04 May 2020 17:44

Tgt Ion: 63 Resp: 51333
 Ion Ratio Lower Upper
 63 100
 65 32.2 24.1 36.1



Abundance Ion 63.00 (62.70 to 63.70): VU038006.D (-1549) (-)
 Ion 65.00 (64.70 to 65.70): VU038006.D (-1549) (-)

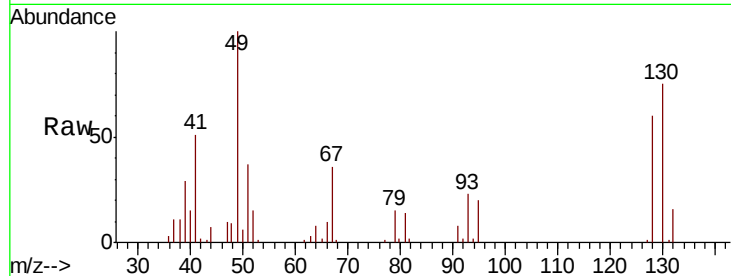




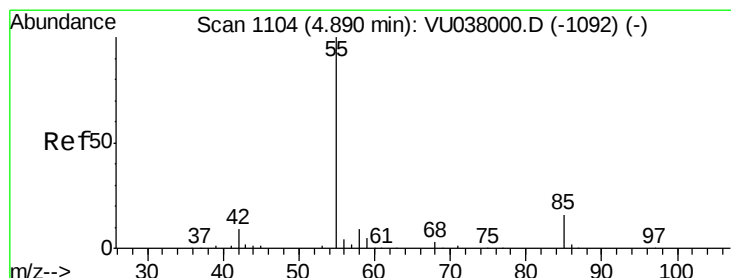
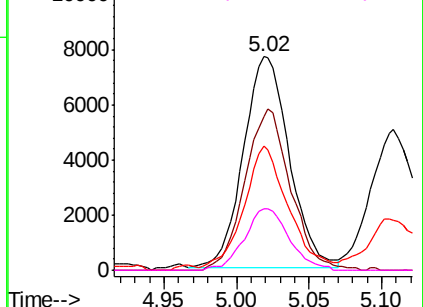
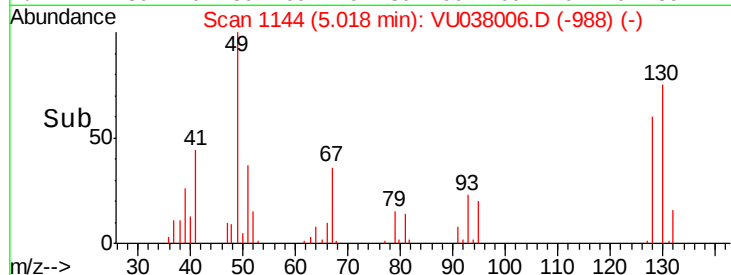
#39
Methacrylonitrile
Concen: 1.701 ug/l
RT: 5.02 min Scan# 1144
Delta R.T. 0.00 min
Lab File: VU038006.D
Acq: 04 May 2020 17:44

Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 41 Resp: 16826
Ion Ratio Lower Upper
41 100
67 76.2 58.0 87.0
39 53.8 43.2 64.8
52 28.6 22.9 34.3

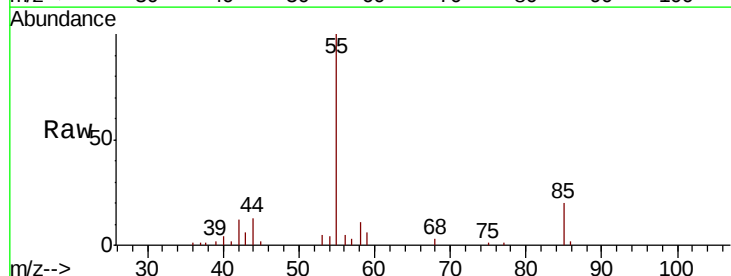


Abundance Ion 41.00 (40.70 to 41.70): VU0
Ion 67.00 (66.70 to 67.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 52.00 (51.70 to 52.70): VU0

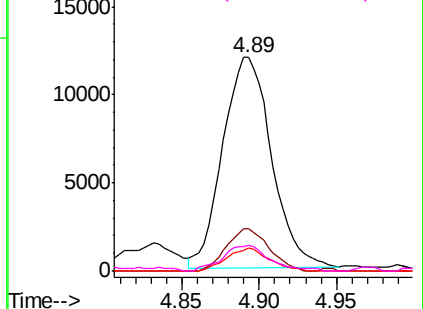
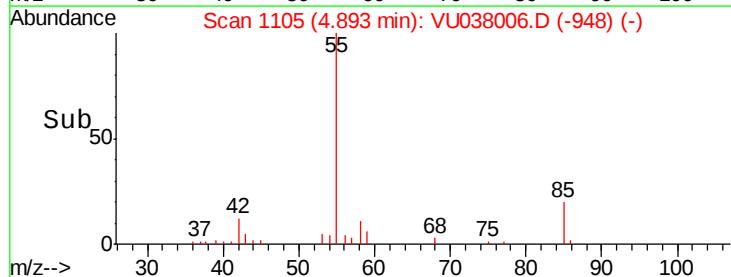


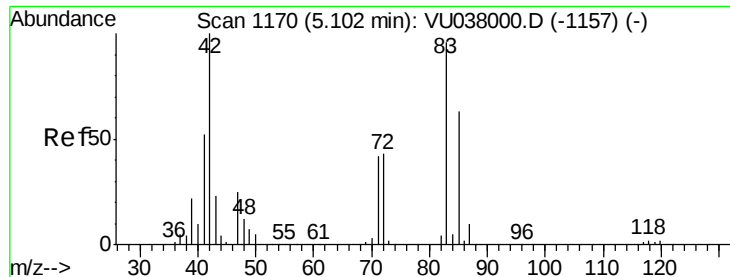
#40
Methyl acrylate
Concen: 1.790 ug/l
RT: 4.89 min Scan# 1105
Delta R.T. 0.00 min
Lab File: VU038006.D
Acq: 04 May 2020 17:44

Tgt Ion: 55 Resp: 26089
Ion Ratio Lower Upper
55 100
85 17.5 12.9 19.3
58 9.6 7.2 10.8
42 11.8 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: 3.592 ug/l

RT: 5.11 min Scan# 1172

Delta R.T. 0.01 min

Lab File: VU038006.D

Acq: 04 May 2020 17:44

Instrument :
MSVOA_U
ClientSampleId :

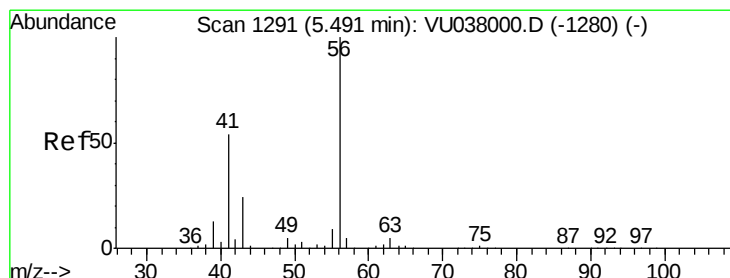
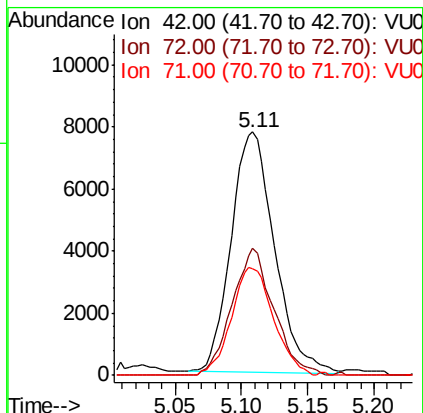
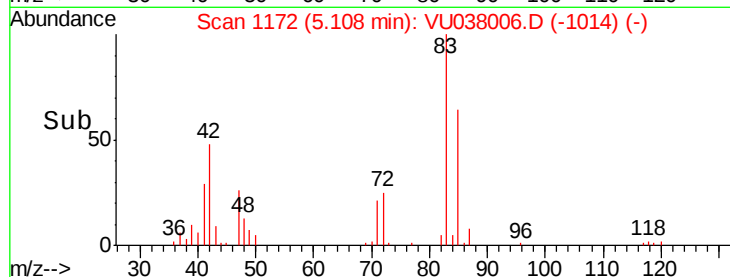
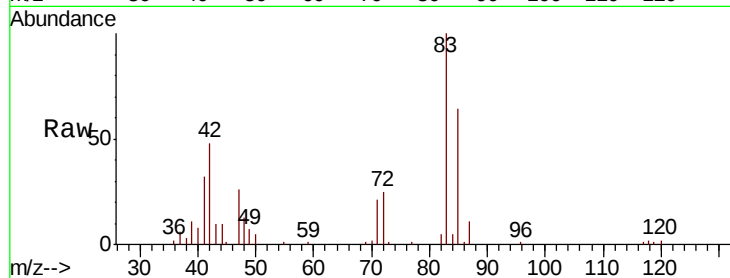
Tot Ion: 42 Resp: 17727

Ion Ratio Lower Upper

42 100

72 50.3 37.4 56.2

71 43.1 32.8 49.2



#42

1-Chlorobutane

Concen: 1.849 ug/l

RT: 5.49 min Scan# 1292

Delta R.T. 0.00 min

Lab File: VU038006.D

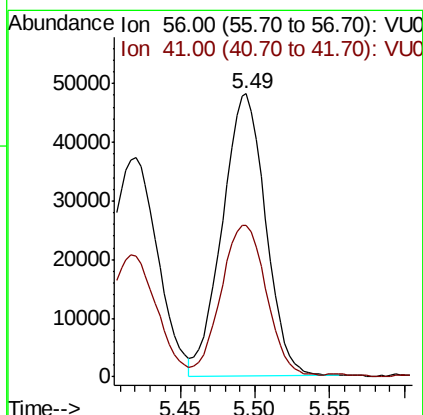
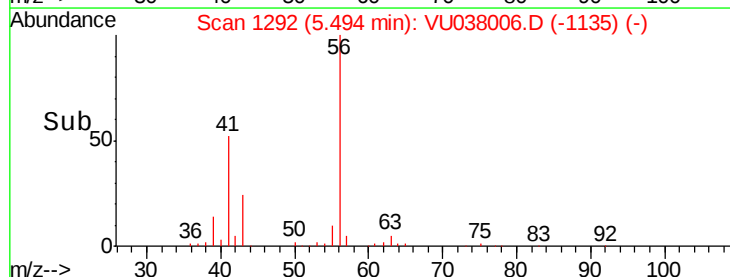
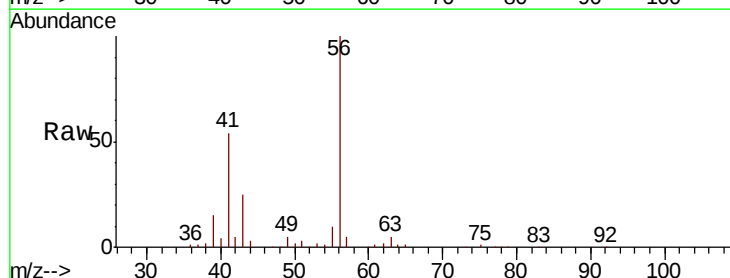
Acq: 04 May 2020 17:44

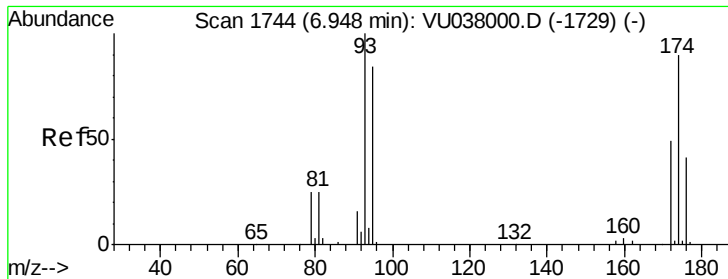
Tgt Ion: 56 Resp: 96782

Ion Ratio Lower Upper

56 100

41 55.5 26.8 80.4





#43

Dibromomethane

Concen: 1.790 ug/l

RT: 6.95 min Scan# 1744

Delta R.T. 0.00 min

Lab File: VU038006.D

Acq: 04 May 2020 17:44

Instrument :

MSVOA_U

ClientSampleId :

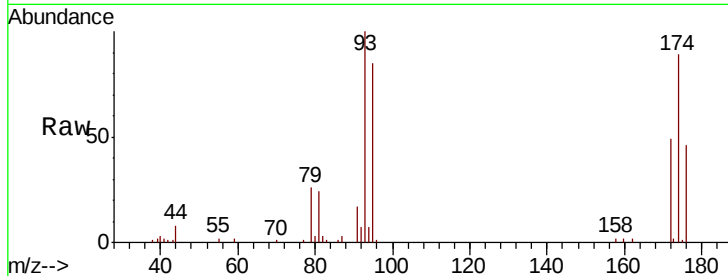
Tot Ion: 93 Resp: 22812

Ion Ratio Lower Upper

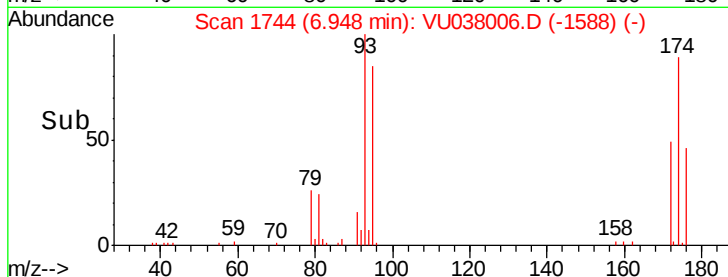
93 100

95 88.2 66.1 99.1

174 89.0 72.8 109.2

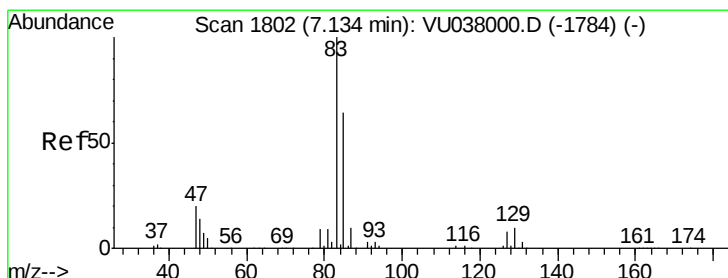
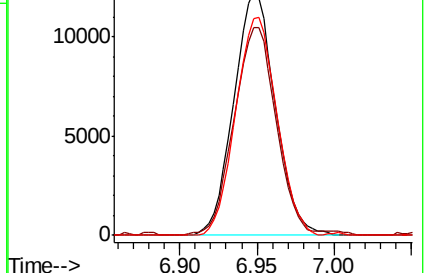


Abundance Ion 93.00 (92.70 to 93.70): VU038000.D (-1729) (-)



Ion 95.00 (94.70 to 95.70): VU038006.D (-1588) (-)

Ion 174.00 (173.70 to 174.70): VU038006.D (-1588) (-)



#44

Bromodichloromethane

Concen: 1.865 ug/l

RT: 7.14 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VU038006.D

Acq: 04 May 2020 17:44

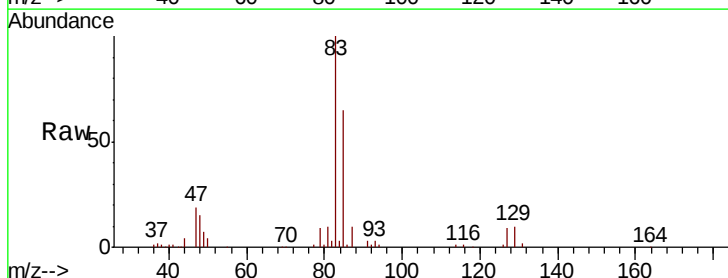
Tgt Ion: 83 Resp: 59676

Ion Ratio Lower Upper

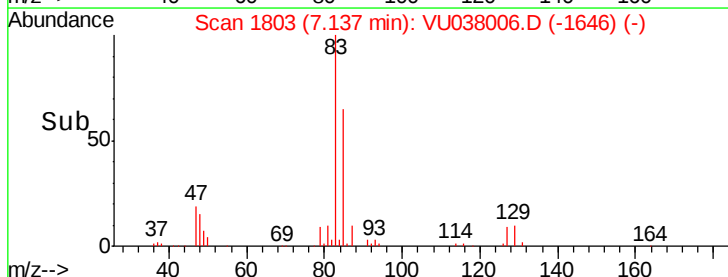
83 100

85 64.9 51.4 77.0

127 8.5 6.2 9.2

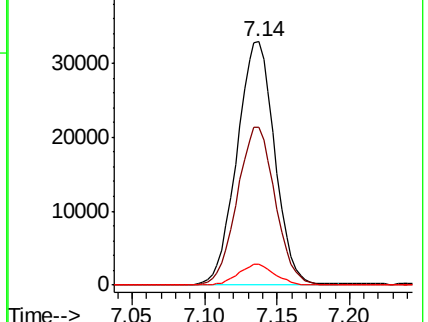


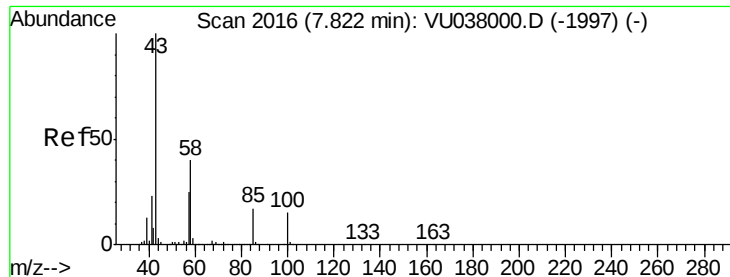
Abundance Ion 83.00 (82.70 to 83.70): VU038000.D (-1784) (-)



Ion 85.00 (84.70 to 85.70): VU038006.D (-1646) (-)

Ion 127.00 (126.70 to 127.70): VU038006.D (-1646) (-)

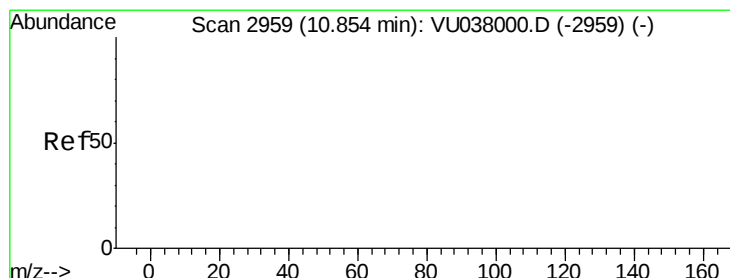
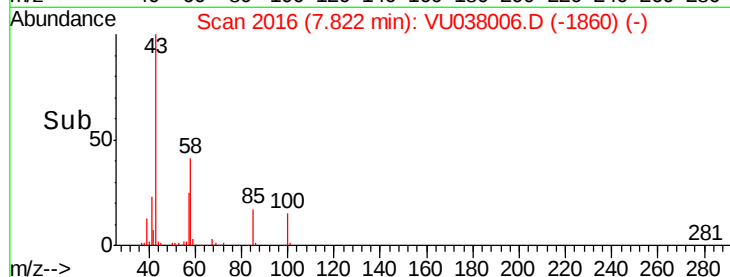
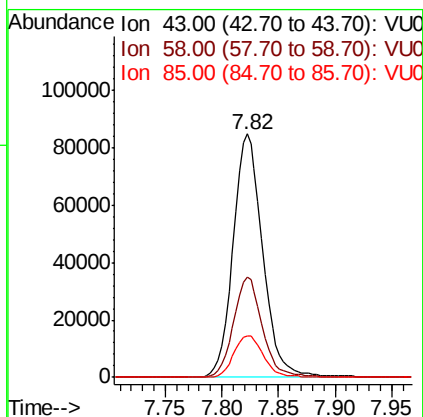
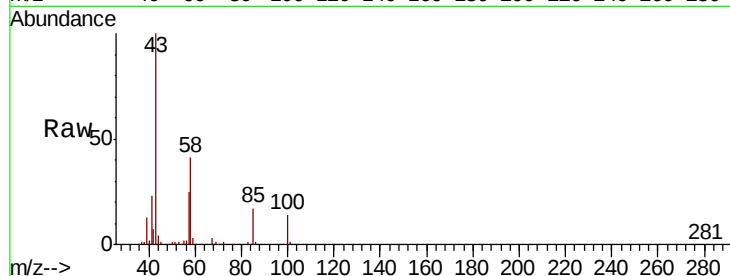




#45
4-Methyl-2-Pentanone
Concen: 8.902 ug/l
RT: 7.82 min Scan# 2016
Delta R.T. 0.00 min
Lab File: VU038006.D
Acq: 04 May 2020 17:44

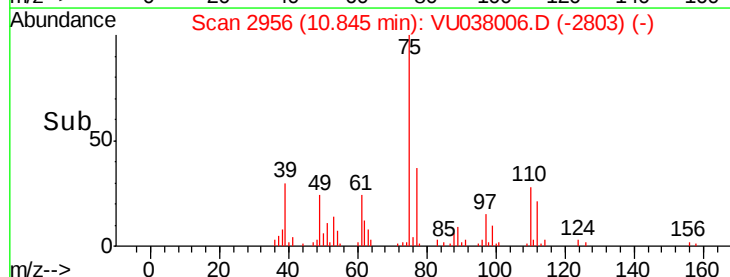
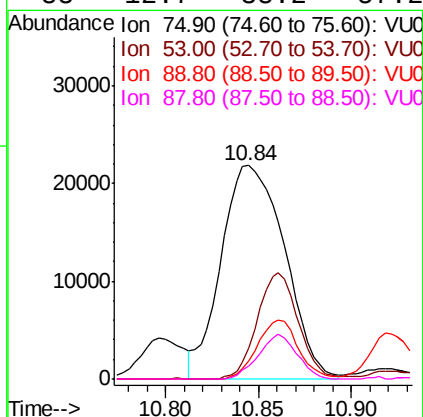
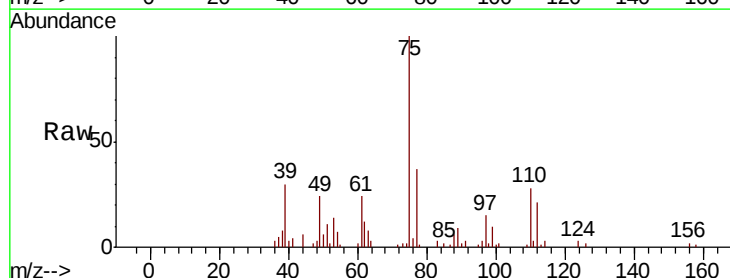
Instrument :
MSVOA_U
ClientSampled :

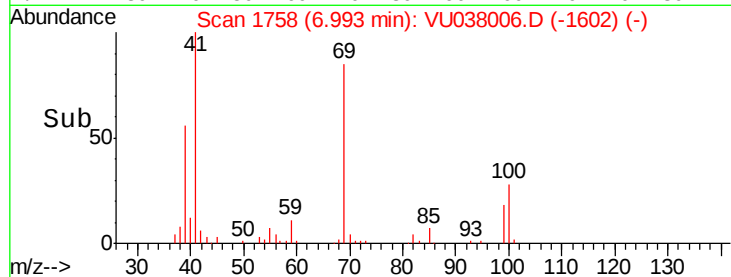
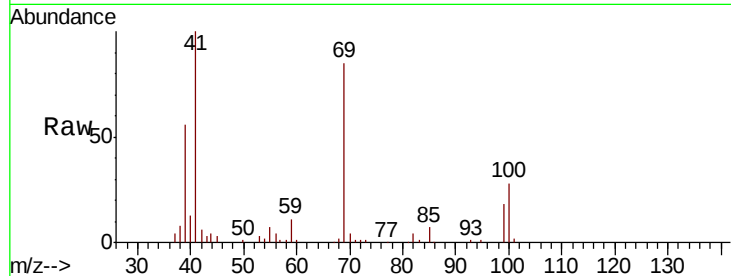
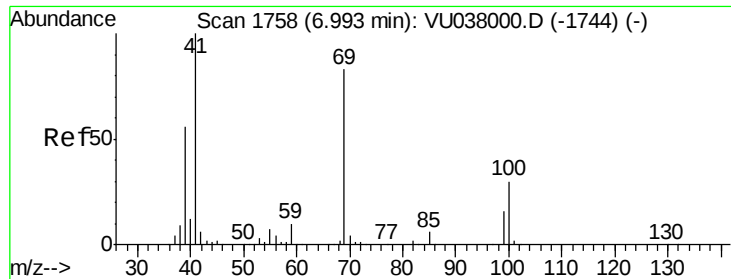
Tot Ion: 43 Resp: 154579
Ion Ratio Lower Upper
43 100
58 40.3 20.1 60.3
85 17.2 13.7 20.5



#46
t-1,4-Dichloro-2-butene
Concen: 9.663 ug/l
RT: 10.84 min Scan# 2956
Delta R.T. -0.01 min
Lab File: VU038006.D
Acq: 04 May 2020 17:44

Tgt Ion: 75 Resp: 51881
Ion Ratio Lower Upper
75 100
53 32.2 81.1 121.7#
89 18.0 53.2 79.8#
88 12.7 38.2 57.2#

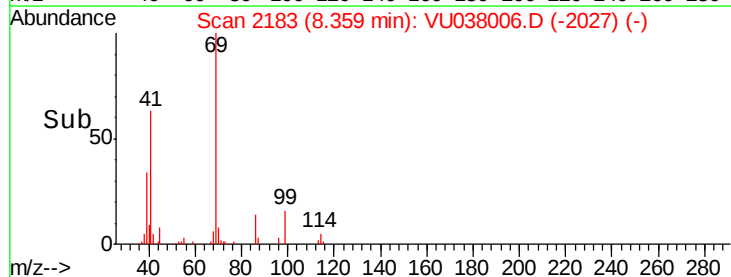
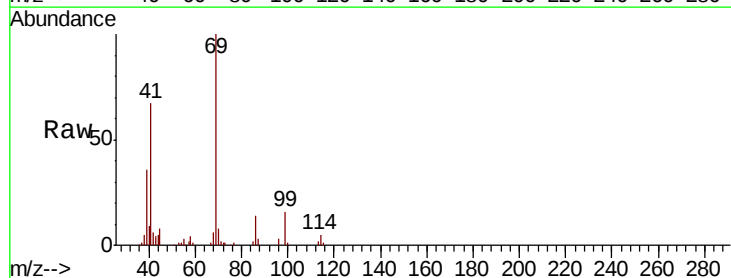
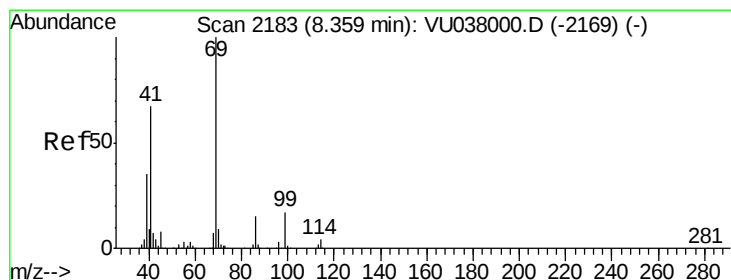
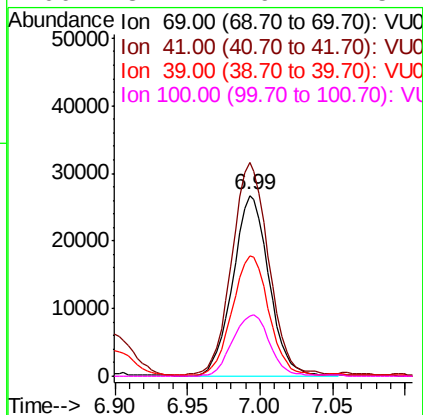




#47
Methyl methacrylate
Concen: 3.587 ug/l
RT: 6.99 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VU038006.D
Acq: 04 May 2020 17:44

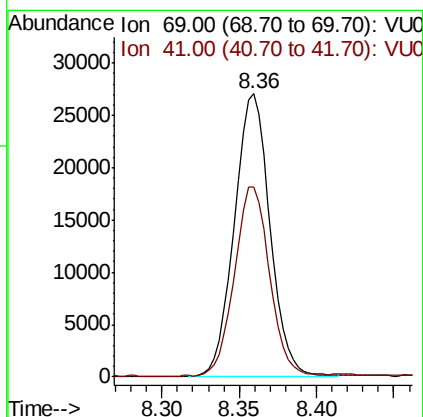
Instrument :
MSVOA_U
ClientSampleId :

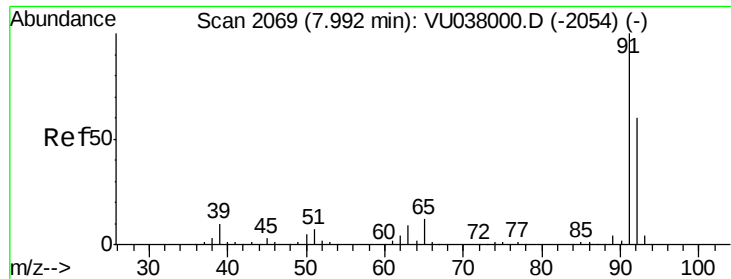
Tot Ion: 69 Resp: 46481
Ion Ratio Lower Upper
69 100
41 119.1 0.0 241.6
39 65.7 52.9 79.3
100 34.7 29.1 43.7



#48
Ethyl methacrylate
Concen: 1.810 ug/l
RT: 8.36 min Scan# 2183
Delta R.T. 0.00 min
Lab File: VU038006.D
Acq: 04 May 2020 17:44

Tgt Ion: 69 Resp: 43417
Ion Ratio Lower Upper
69 100
41 66.7 33.6 100.8





#49

Toluene

Concen: 1.930 ug/l

RT: 7.99 min Scan# 2069

Delta R.T. 0.00 min

Lab File: VU038006.D

Acq: 04 May 2020 17:44

Instrument :

MSVOA_U

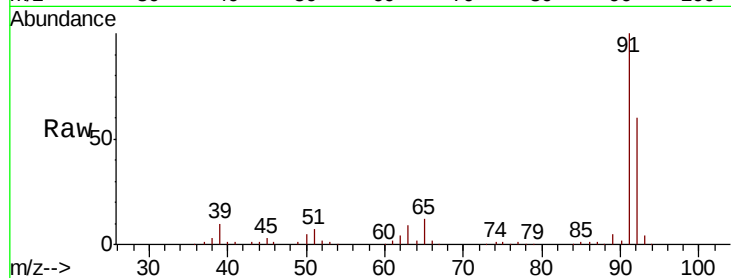
ClientSampleId :

Tot Ion: 92 Resp: 124002

Ion Ratio Lower Upper

92 100

91 167.2 134.4 201.6



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

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

120000

100000

80000

60000

40000

20000

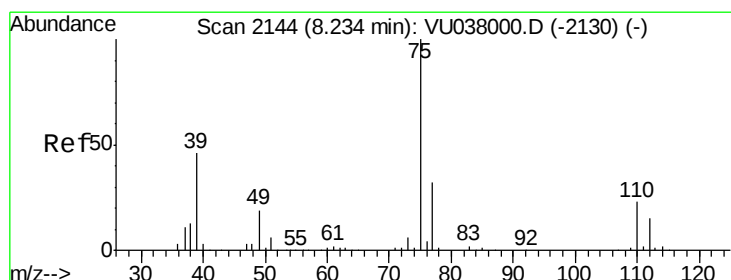
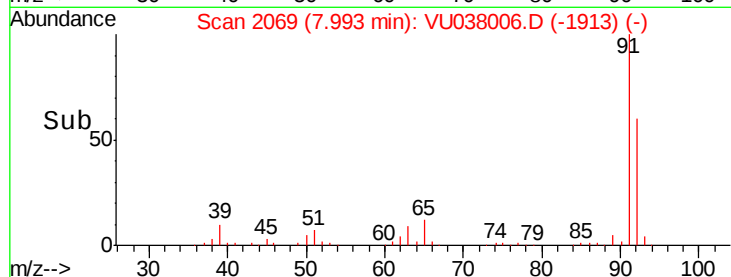
0

7.90

8.00

8.10

Time-->



#50

t-1,3-Dichloropropene

Concen: 1.747 ug/l

RT: 8.23 min Scan# 2144

Delta R.T. 0.00 min

Lab File: VU038006.D

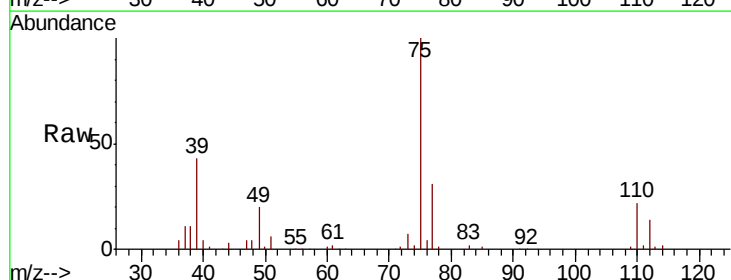
Acq: 04 May 2020 17:44

Tgt Ion: 75 Resp: 57115

Ion Ratio Lower Upper

75 100

77 30.5 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) (-)

40000

30000

20000

10000

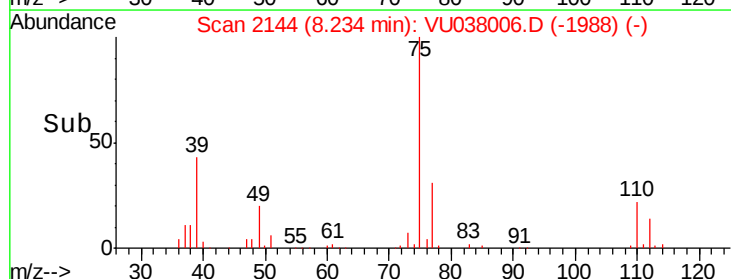
0

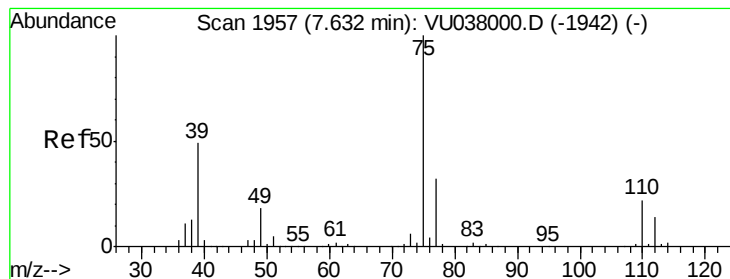
8.20

8.25

8.30

Time-->



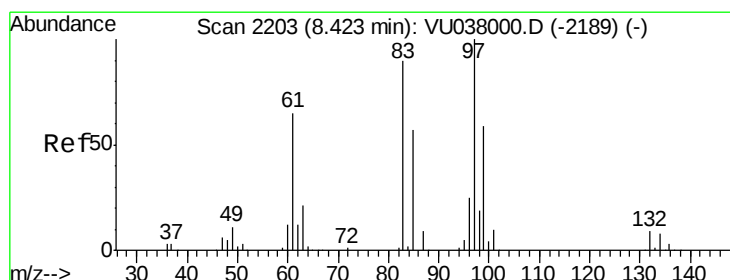
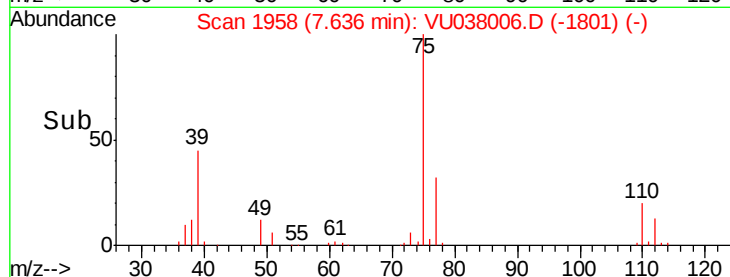
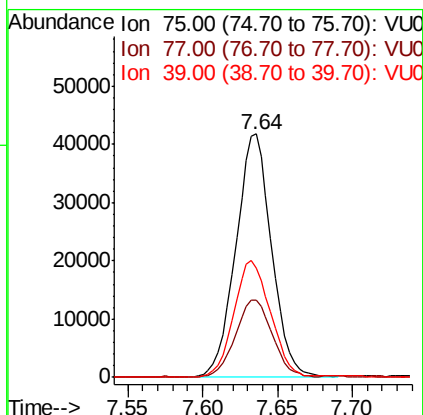
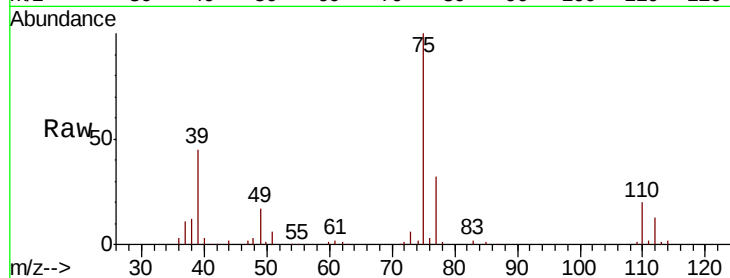


#51

cis-1,3-Dichloropropene
 Concen: 1.771 ug/l
 RT: 7.64 min Scan# 1958
 Delta R.T. 0.00 min
 Lab File: VU038006.D
 Acq: 04 May 2020 17:44

Instrument :
 MSVOA_U
 ClientSampled :

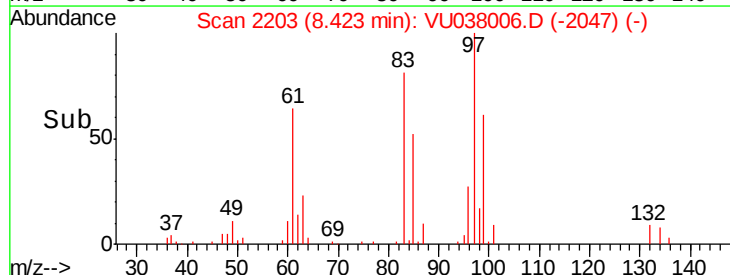
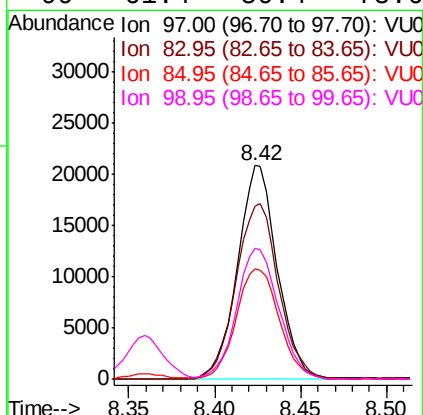
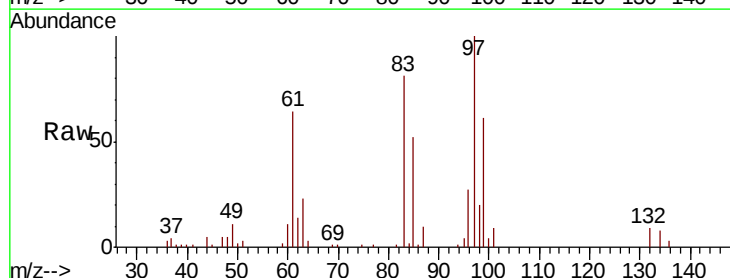
Tot Ion	75	Resp	69547
Ion Ratio	Lower	Upper	
75	100		
77	31.9	25.5	38.3
39	45.1	39.0	58.4

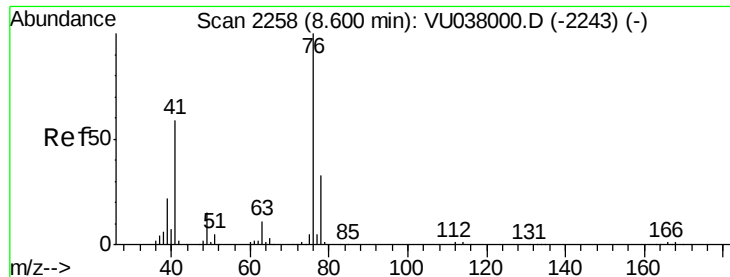


#52

1,1,2-Trichloroethane
 Concen: 1.858 ug/l
 RT: 8.42 min Scan# 2203
 Delta R.T. 0.00 min
 Lab File: VU038006.D
 Acq: 04 May 2020 17:44

Tgt Ion	97	Resp	33516
Ion Ratio	Lower	Upper	
97	100		
83	80.8	72.4	108.6
85	51.7	46.0	69.0
99	61.4	50.4	75.6





#53

1,3-Dichloropropane

Concen: 1.916 ug/l

RT: 8.60 min Scan# 2258

Delta R.T. 0.00 min

Lab File: VU038006.D

Acq: 04 May 2020 17:44

Instrument :

MSVOA_U

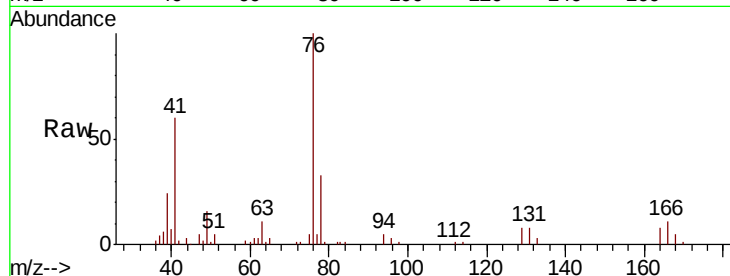
ClientSampleId :

Tot Ion: 76 Resp: 64889

Ion Ratio Lower Upper

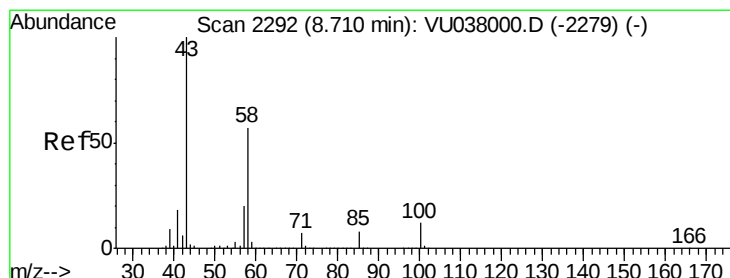
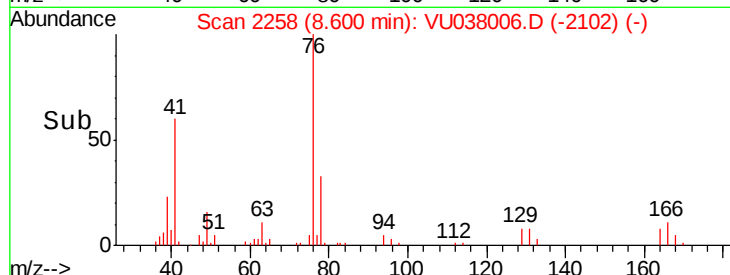
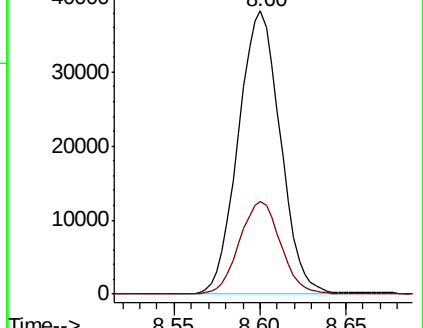
76 100

78 32.1 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) (-)



#54

2-Hexanone

Concen: 8.595 ug/l

RT: 8.71 min Scan# 2292

Delta R.T. 0.00 min

Lab File: VU038006.D

Acq: 04 May 2020 17:44

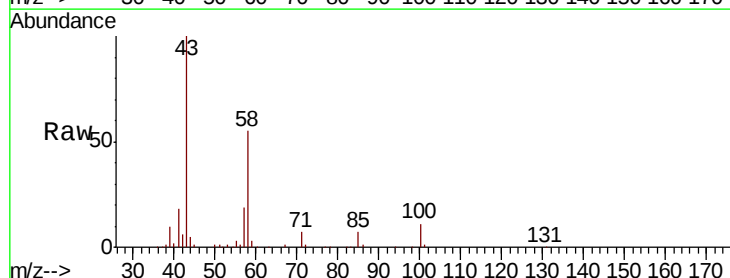
Tgt Ion: 43 Resp: 105346

Ion Ratio Lower Upper

43 100

58 56.9 36.5 76.5

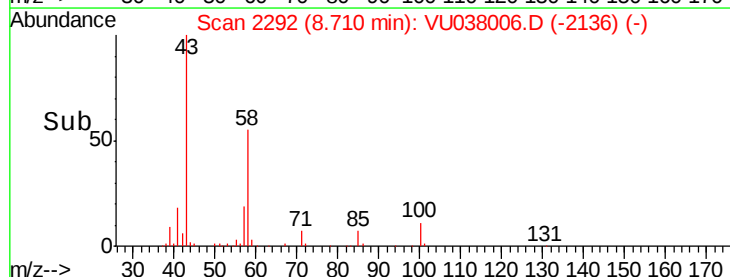
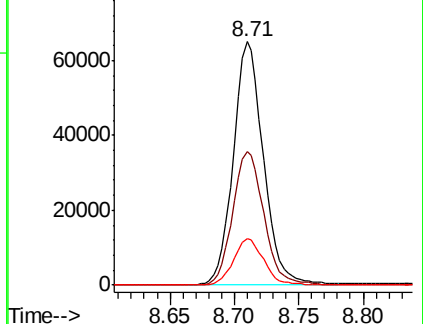
57 19.4 0.0 39.5

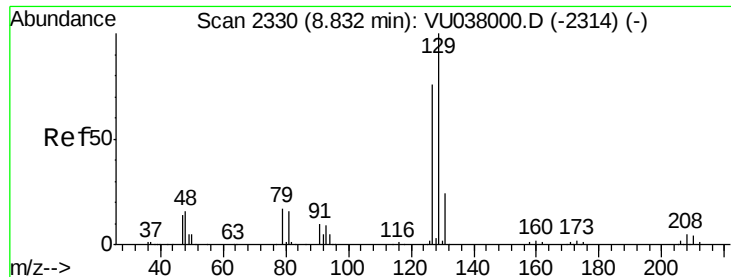


Abundance Ion 43.00 (42.70 to 43.70): VU038000.D (-2279) (-)

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

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

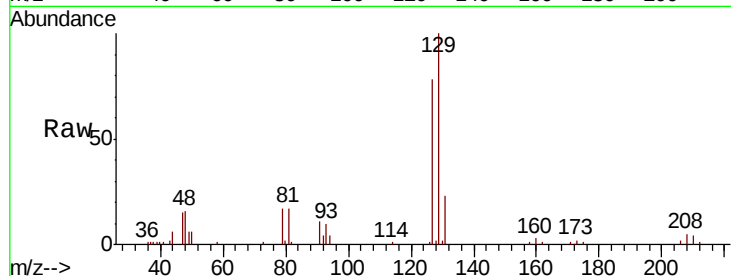




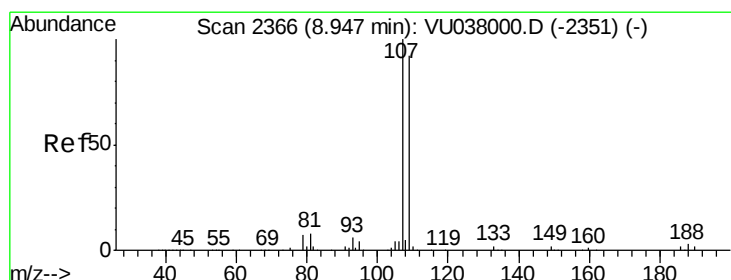
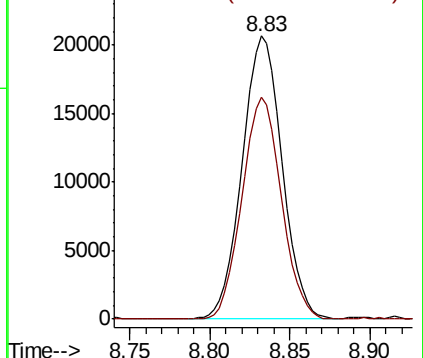
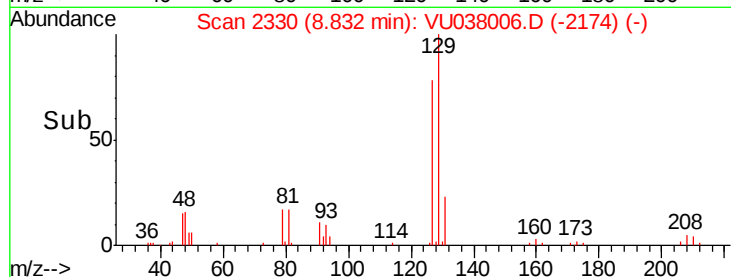
#55
 Dibromochloromethane
 Concen: 1.760 ug/l
 RT: 8.83 min Scan# 2330
 Delta R.T. 0.00 min
 Lab File: VU038006.D
 Acq: 04 May 2020 17:44

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion:129 Resp: 35191
 Ion Ratio Lower Upper
 129 100
 127 76.9 62.2 93.2

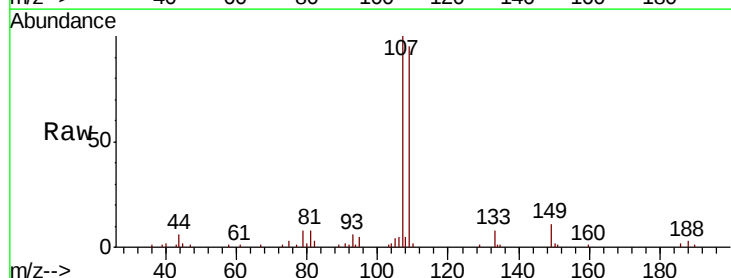


Abundance Ion 129.00 (128.70 to 129.70): V
 Ion 127.00 (126.70 to 127.70): V

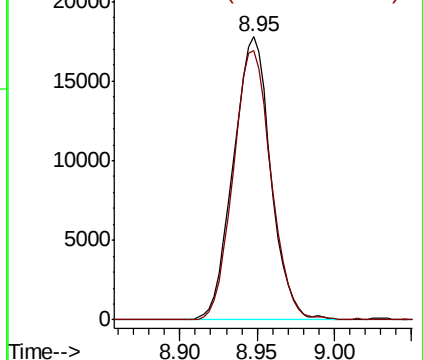
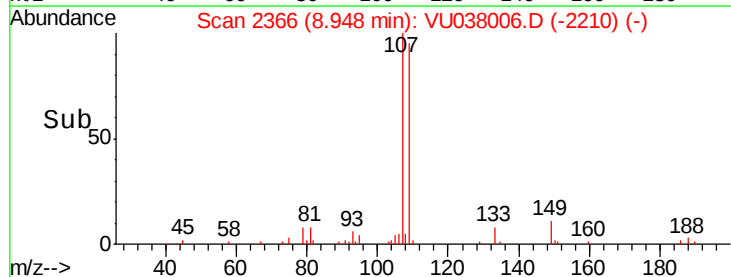


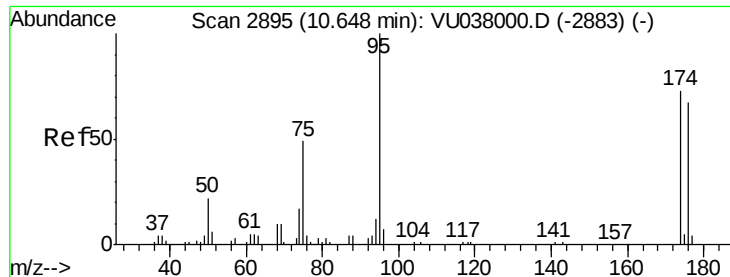
#56
 1,2-Dibromoethane
 Concen: 1.753 ug/l
 RT: 8.95 min Scan# 2366
 Delta R.T. 0.00 min
 Lab File: VU038006.D
 Acq: 04 May 2020 17:44

Tgt Ion:107 Resp: 29832
 Ion Ratio Lower Upper
 107 100
 109 96.0 0.0 184.6



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

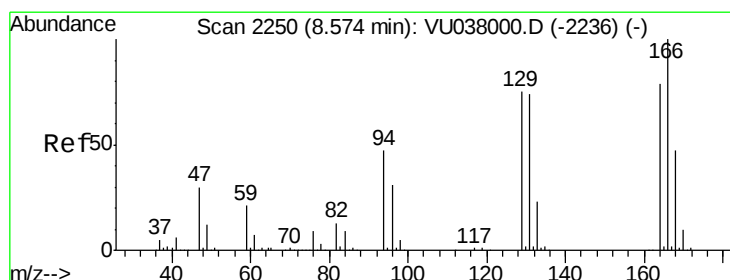
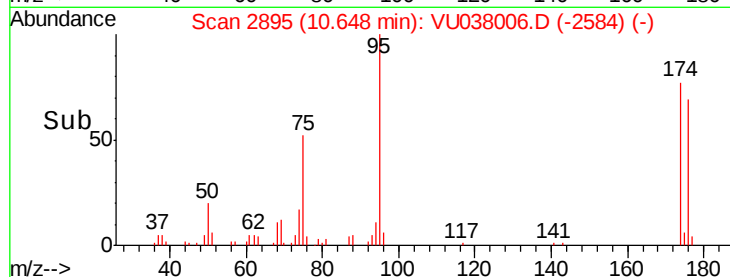
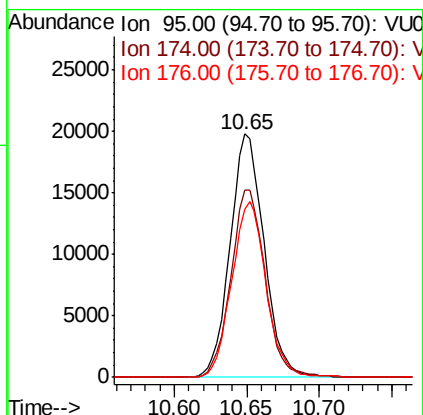
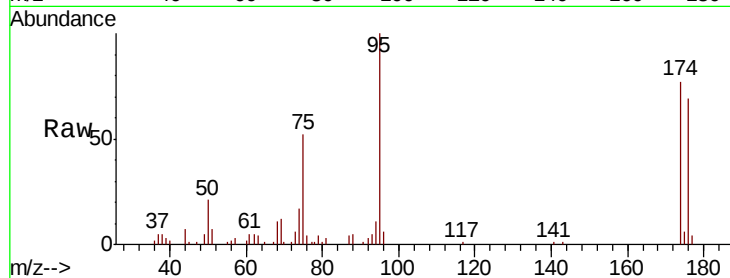




#57
4-Bromofluorobenzene
Concen: 0.961 ug/l
RT: 10.65 min Scan# 2895
Delta R.T. 0.00 min
Lab File: VU038006.D
Acq: 04 May 2020 17:44

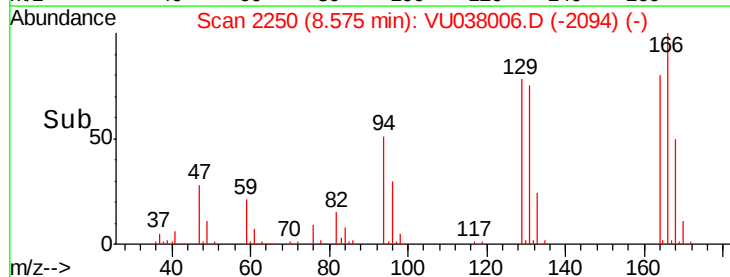
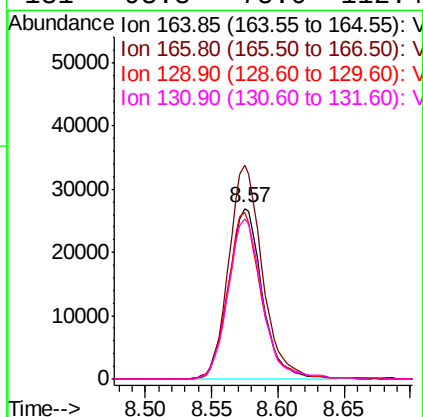
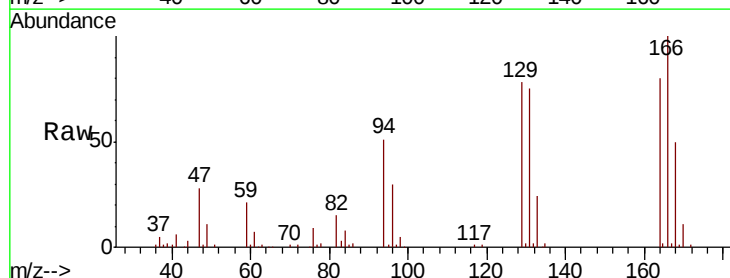
Instrument :
MSVOA_U
ClientSampled :

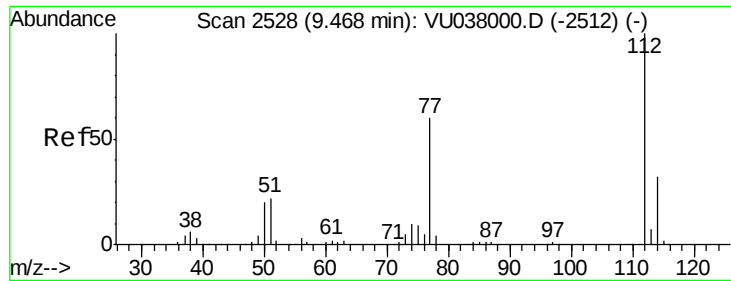
Tot Ion: 95 Resp: 32114
Ion Ratio Lower Upper
95 100
174 77.4 61.2 91.8
176 72.7 57.1 85.7



#58
Tetrachloroethene
Concen: 1.916 ug/l
RT: 8.57 min Scan# 2250
Delta R.T. 0.00 min
Lab File: VU038006.D
Acq: 04 May 2020 17:44

Tgt Ion: 164 Resp: 47720
Ion Ratio Lower Upper
164 100
166 125.3 101.5 152.3
129 97.4 76.6 114.8
131 93.8 75.0 112.4





#59

Chlorobenzene

Concen: 1.910 ug/l

RT: 9.47 min Scan# 2527

Delta R.T. -0.00 min

Lab File: VU038006.D

Acq: 04 May 2020 17:44

Instrument :

MSVOA_U

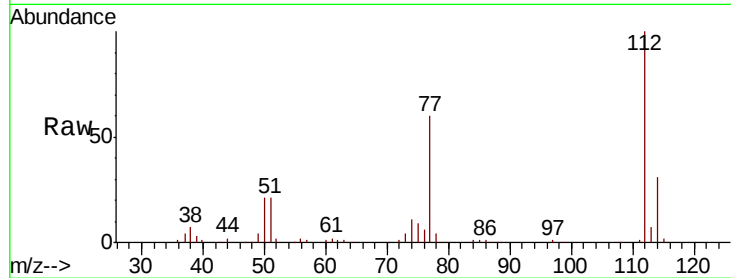
ClientSampled :

Tot Ion:112 Resp: 130331

Ion Ratio Lower Upper

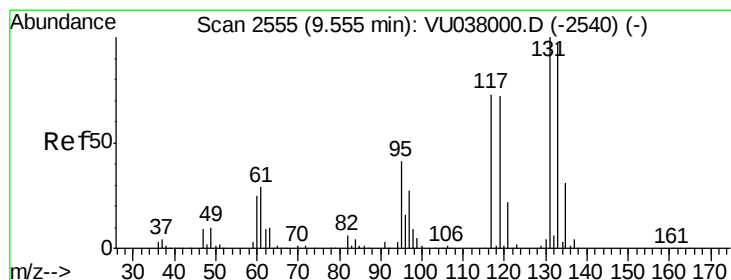
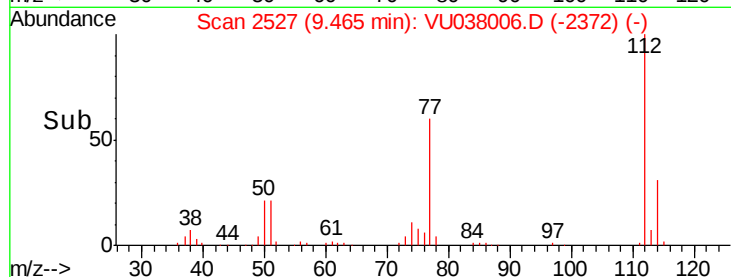
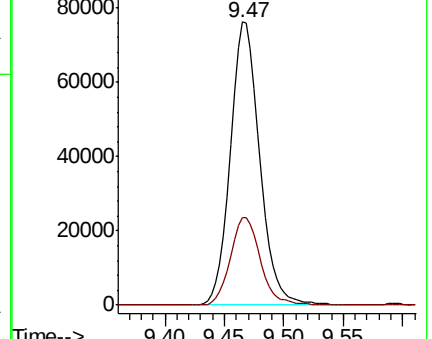
112 100

114 30.7 25.7 38.5



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V



#60

1,1,1,2-Tetrachloroethane

Concen: 1.830 ug/l

RT: 9.56 min Scan# 2555

Delta R.T. 0.00 min

Lab File: VU038006.D

Acq: 04 May 2020 17:44

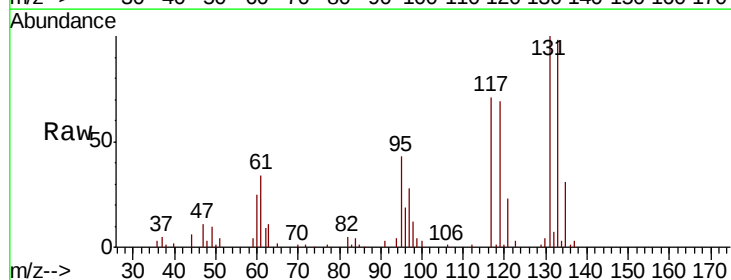
Tgt Ion:131 Resp: 37903

Ion Ratio Lower Upper

131 100

133 95.6 76.8 115.2

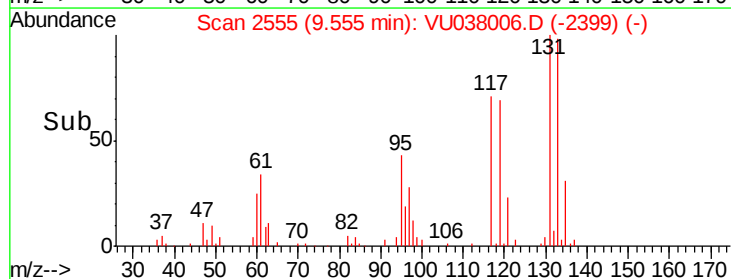
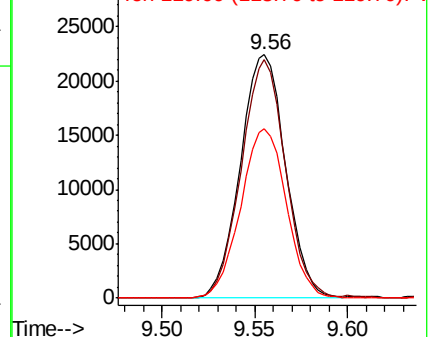
119 70.3 56.7 85.1

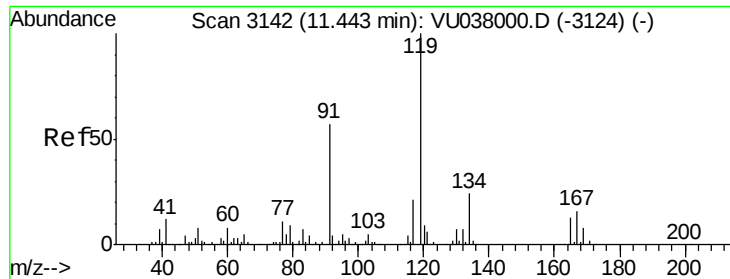


Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V

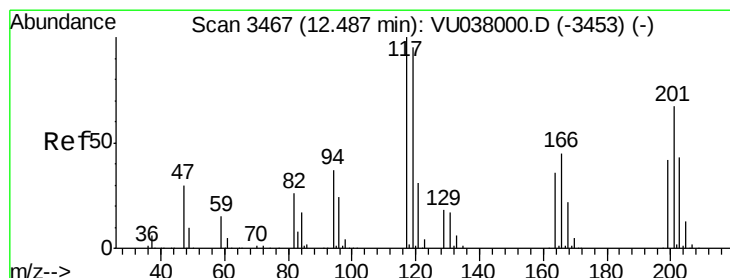
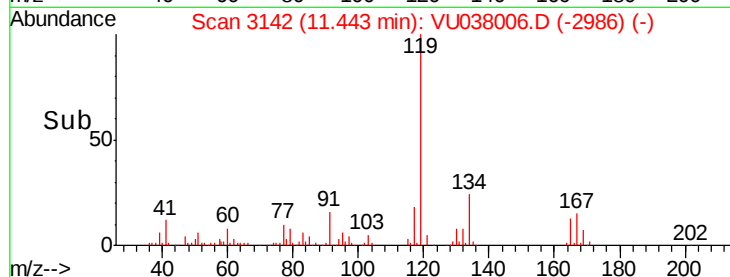
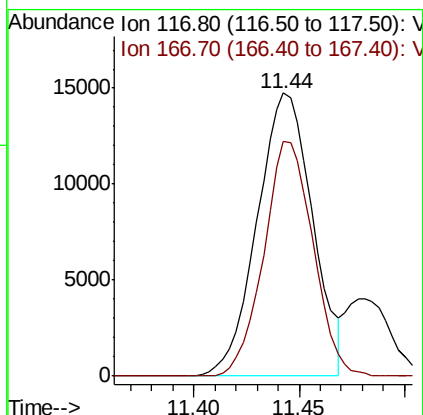
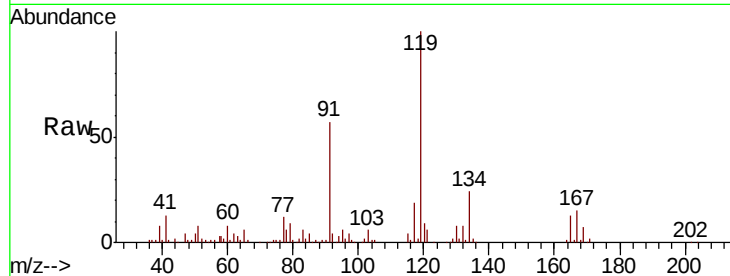




#61
 Pentachloroethane
 Concen: 1.735 ug/l
 RT: 11.44 min Scan# 3142
 Delta R.T. 0.00 min
 Lab File: VU038006.D
 Acq: 04 May 2020 17:44

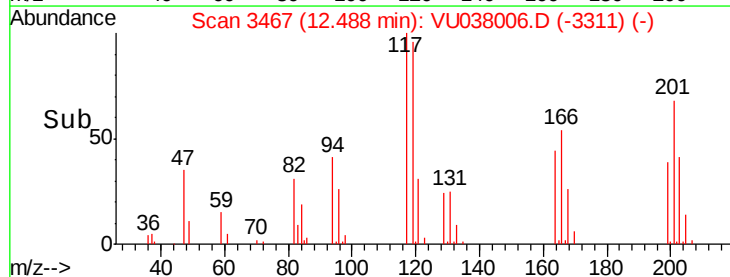
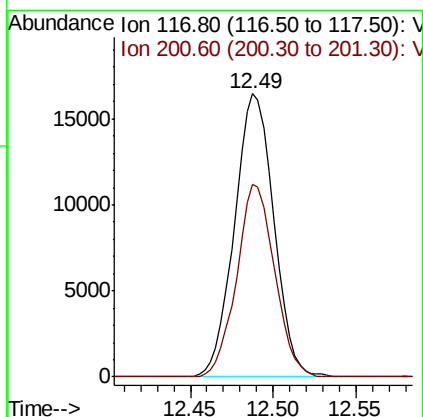
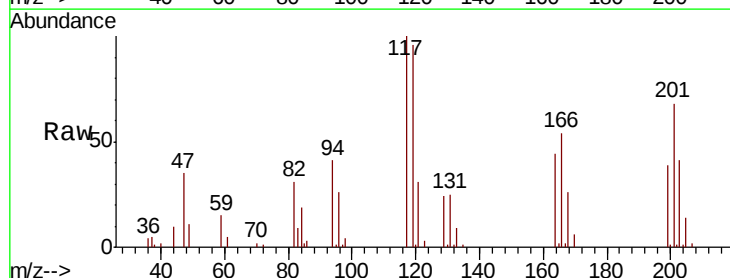
Instrument :
 MSVOA_U
 ClientSampleId :

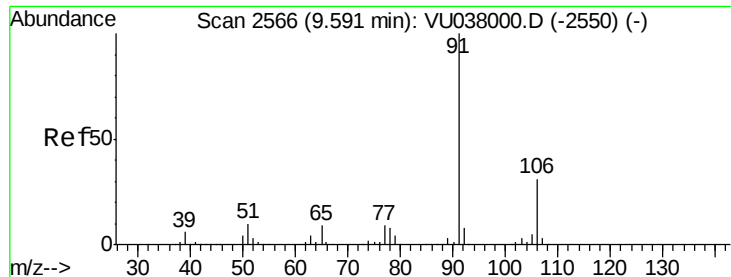
Tot Ion:117 Resp: 26922
 Ion Ratio Lower Upper
 117 100
 167 73.7 60.3 90.5



#62
 Hexachloroethane
 Concen: 1.683 ug/l
 RT: 12.49 min Scan# 3467
 Delta R.T. 0.00 min
 Lab File: VU038006.D
 Acq: 04 May 2020 17:44

Tgt Ion:117 Resp: 27186
 Ion Ratio Lower Upper
 117 100
 201 65.5 54.7 82.1

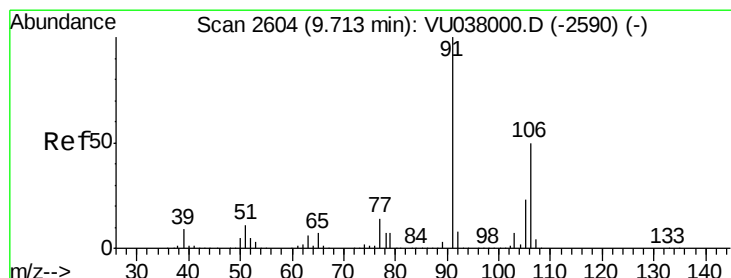
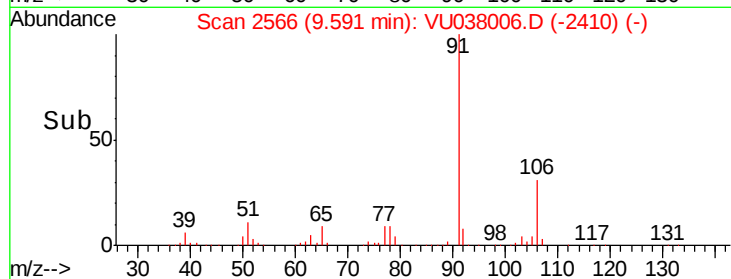
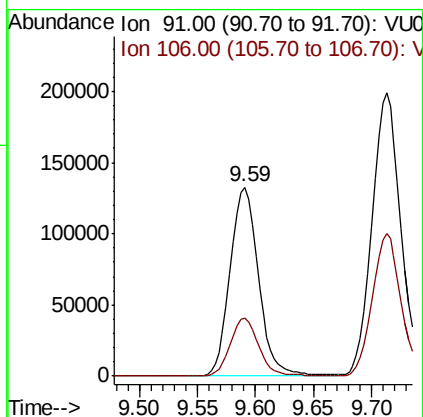
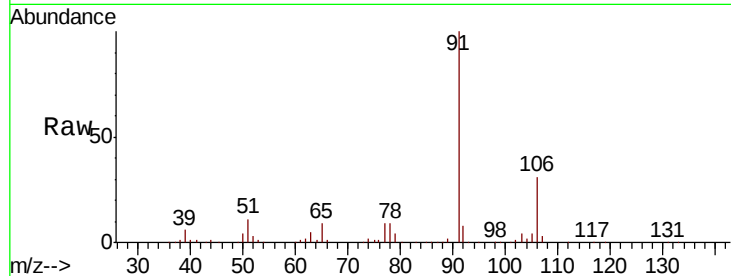




#63
Ethyl Benzene
Concen: 1.860 ug/l
RT: 9.59 min Scan# 2566
Delta R.T. 0.00 min
Lab File: VU038006.D
Acq: 04 May 2020 17:44

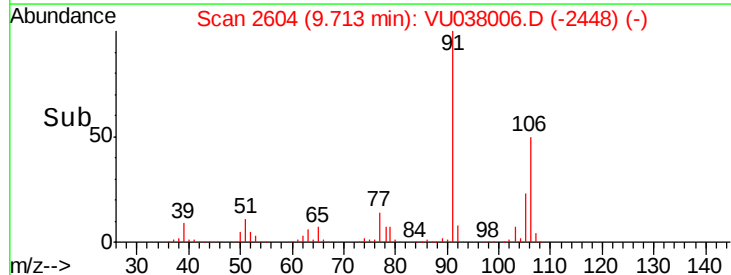
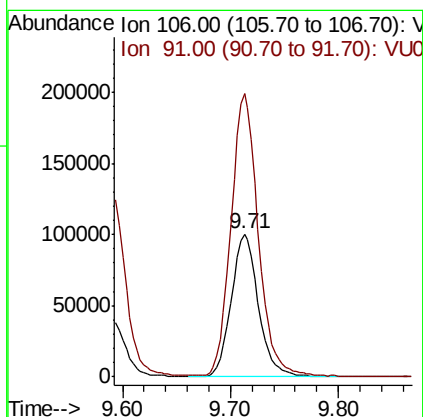
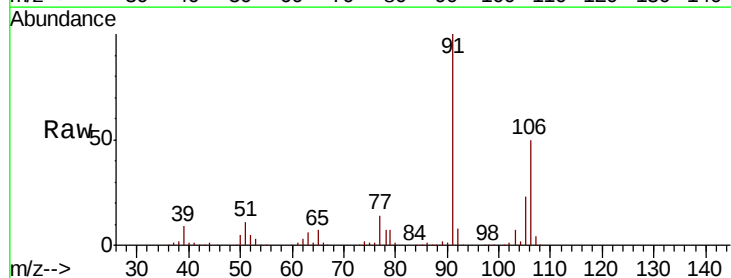
Instrument :
MSVOA_U
ClientSampled :

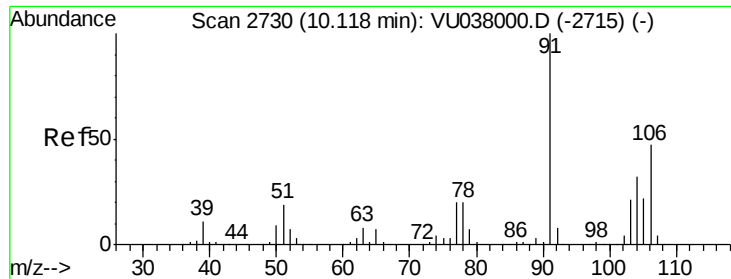
Tot Ion: 91 Resp: 225795
Ion Ratio Lower Upper
91 100
106 30.9 24.9 37.3



#64
m/p-Xylenes
Concen: 3.764 ug/l
RT: 9.71 min Scan# 2604
Delta R.T. 0.00 min
Lab File: VU038006.D
Acq: 04 May 2020 17:44

Tgt Ion: 106 Resp: 175846
Ion Ratio Lower Upper
106 100
91 198.2 159.5 239.3





#65

o-Xylene

Concen: 1.849 ug/l

RT: 10.12 min Scan# 2730

Delta R.T. 0.00 min

Lab File: VU038006.D

Acq: 04 May 2020 17:44

Instrument :

MSVOA_U

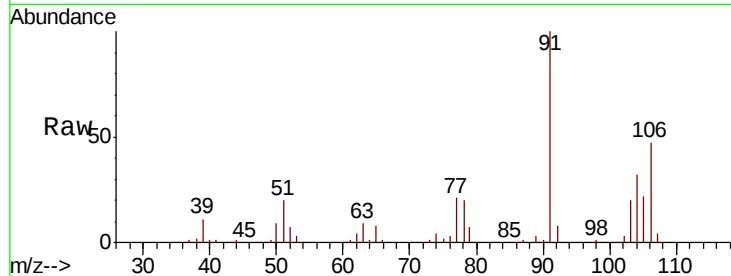
ClientSampled :

Tot Ion:106 Resp: 84218

Ion Ratio Lower Upper

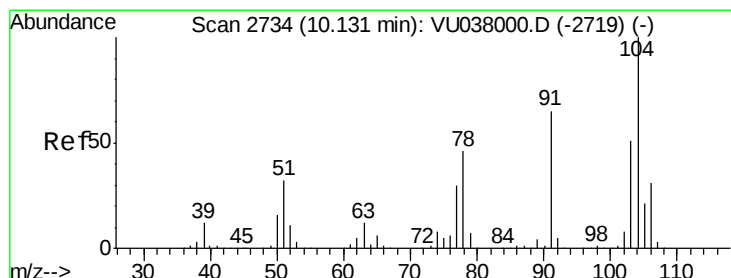
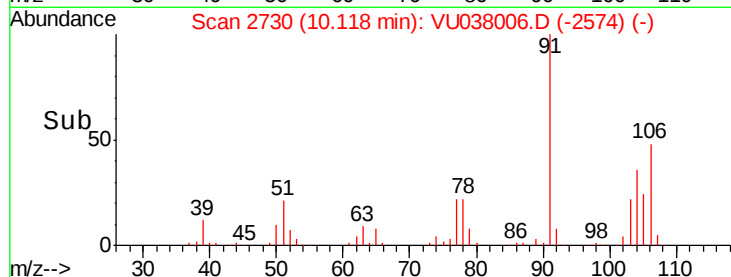
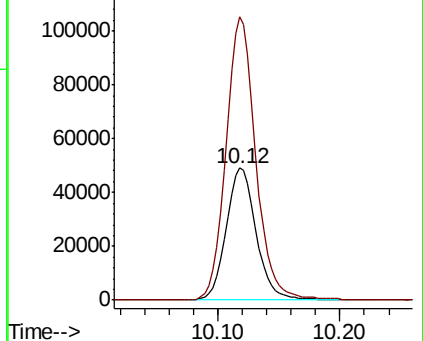
106 100

91 213.4 105.7 317.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#66

Styrene

Concen: 1.869 ug/l

RT: 10.13 min Scan# 2734

Delta R.T. 0.00 min

Lab File: VU038006.D

Acq: 04 May 2020 17:44

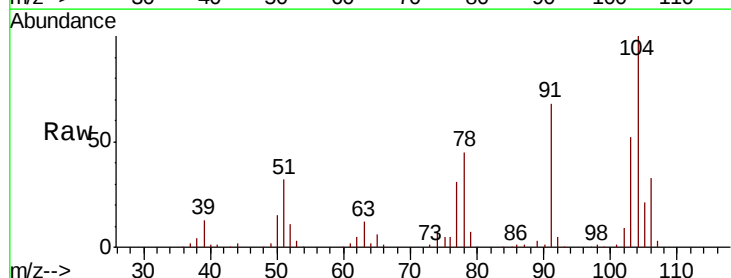
Tgt Ion:104 Resp: 140263

Ion Ratio Lower Upper

104 100

78 50.0 39.9 59.9

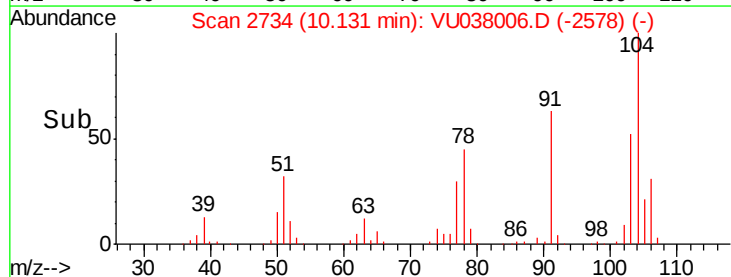
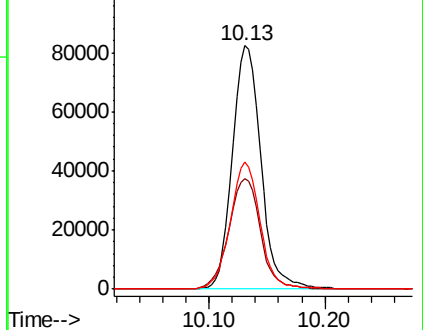
103 54.4 43.4 65.2

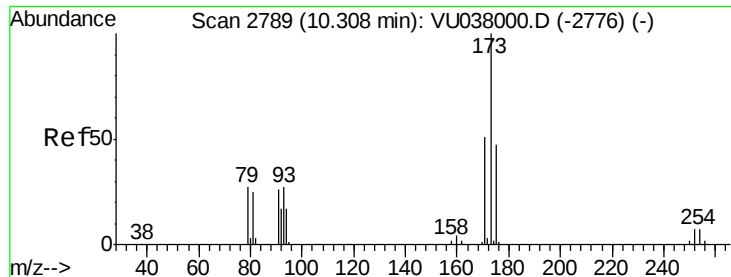


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VU0

Ion 103.00 (102.70 to 103.70): V

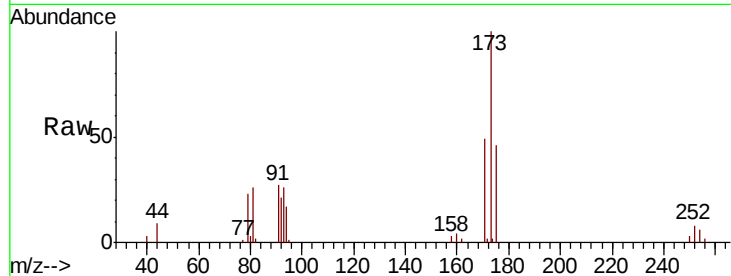




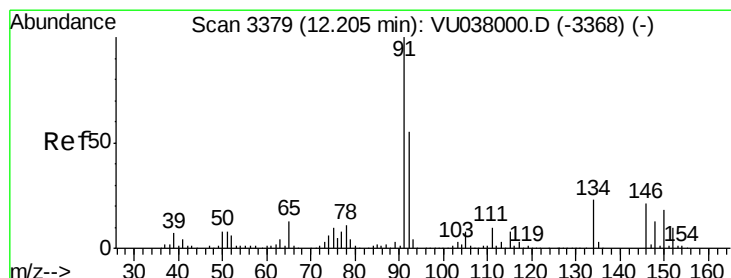
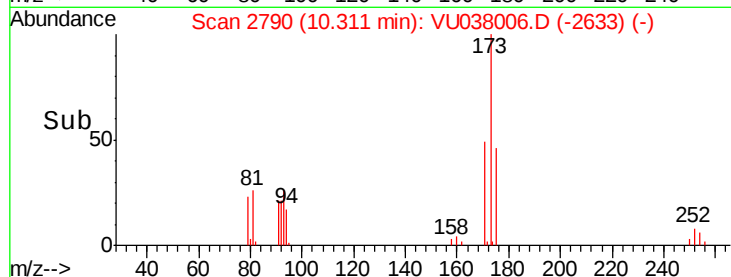
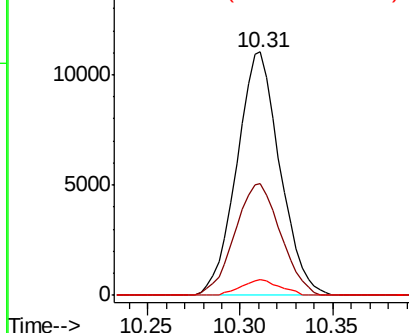
#67
Bromoform
Concen: 1.686 ug/l
RT: 10.31 min Scan# 2790
Delta R.T. 0.00 min
Lab File: VU038006.D
Acq: 04 May 2020 17:44

Instrument :
MSVOA_U
ClientSampled :

Tot Ion:173 Resp: 17731
Ion Ratio Lower Upper
173 100
175 48.7 37.6 56.4
254 5.7 5.5 8.3

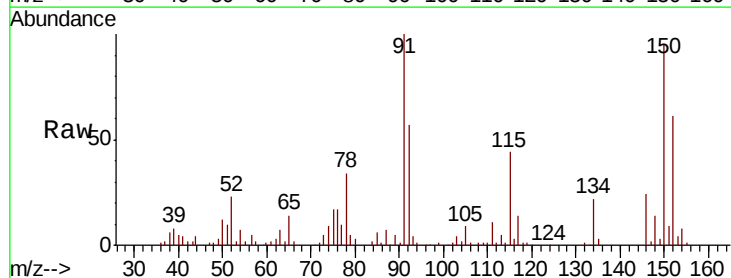


Abundance Ion 172.90 (172.60 to 173.60): V
Ion 174.90 (174.60 to 175.60): V
Ion 253.75 (253.45 to 254.45): V

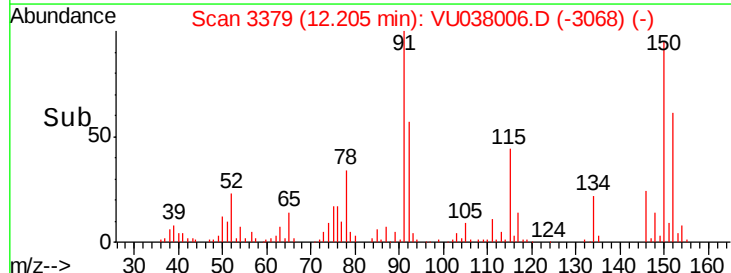
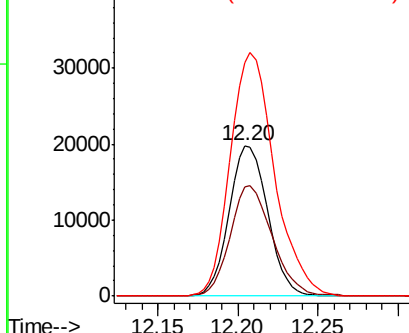


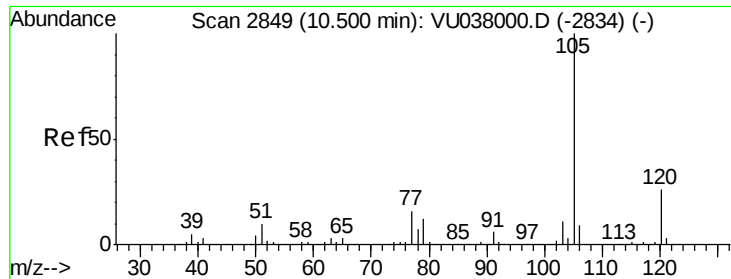
#68
1,2-Dichlorobenzene-d4
Concen: 1.005 ug/l
RT: 12.20 min Scan# 3379
Delta R.T. 0.00 min
Lab File: VU038006.D
Acq: 04 May 2020 17:44

Tgt Ion:152 Resp: 32506
Ion Ratio Lower Upper
152 100
115 80.7 0.0 261.0
150 186.1 0.0 650.2



Abundance Ion 152.00 (151.70 to 152.70): V
Ion 115.00 (114.70 to 115.70): V
Ion 150.00 (149.70 to 150.70): V





#69

Isopropylbenzene

Concen: 1.845 ug/l

RT: 10.50 min Scan# 2849

Delta R.T. 0.00 min

Lab File: VU038006.D

Acq: 04 May 2020 17:44

Instrument :

MSVOA_U

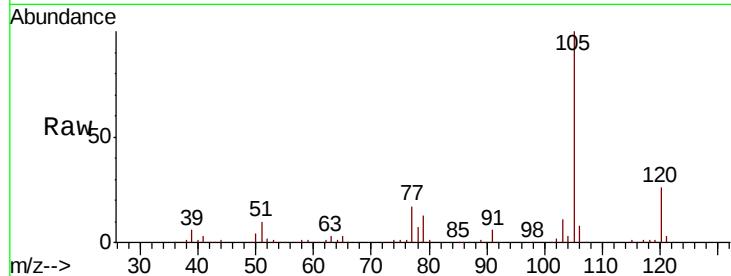
ClientSampled :

Tot Ion:105 Resp: 219344

Ion Ratio Lower Upper

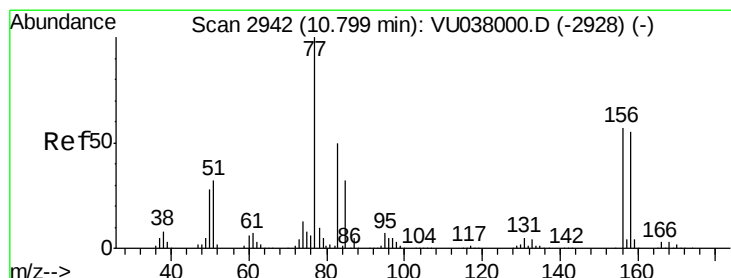
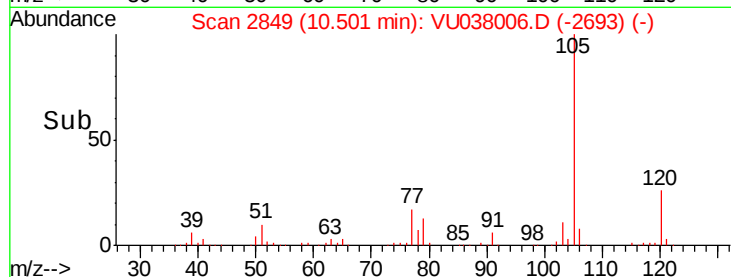
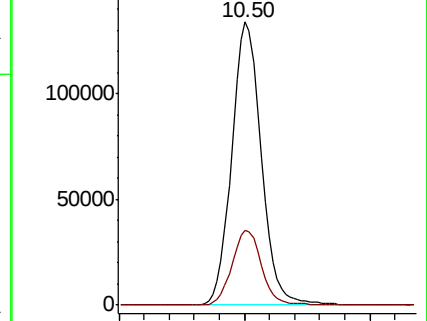
105 100

120 26.4 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#70

1,1,2,2-Tetrachloroethane

Concen: 1.832 ug/l

RT: 10.80 min Scan# 2942

Delta R.T. 0.00 min

Lab File: VU038006.D

Acq: 04 May 2020 17:44

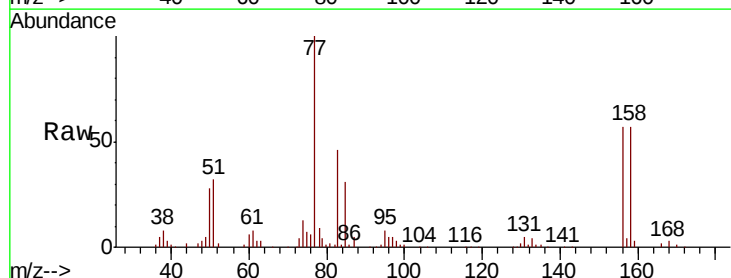
Tgt Ion: 83 Resp: 42361

Ion Ratio Lower Upper

83 100

131 9.9 7.2 10.8

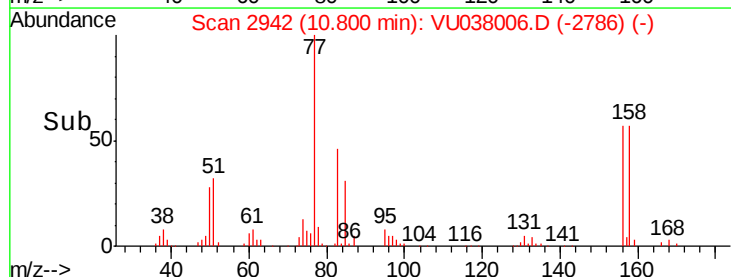
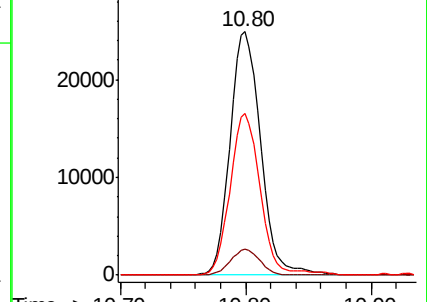
85 65.0 50.0 75.0

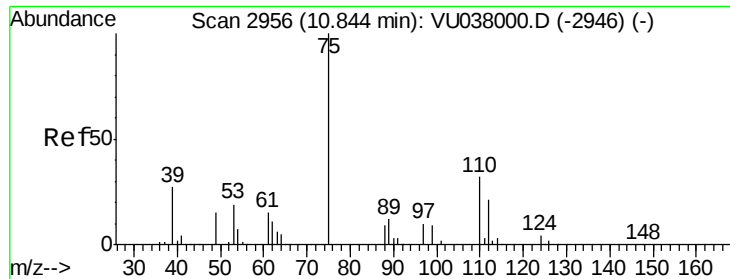


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VU0

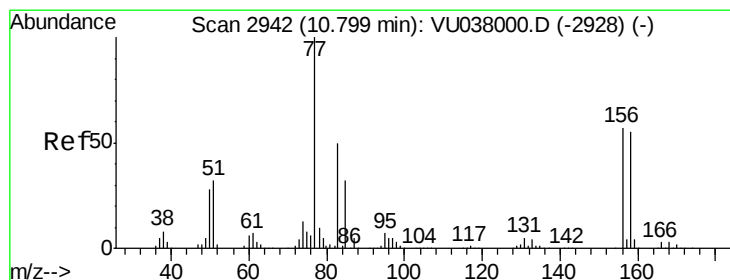
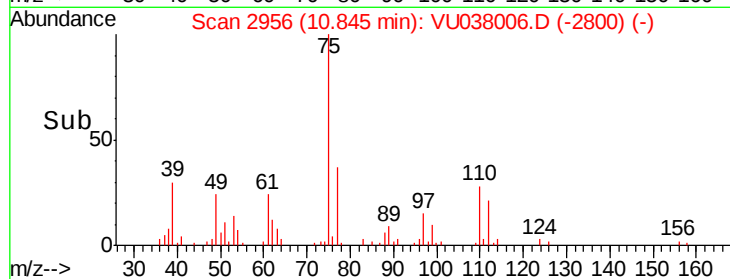
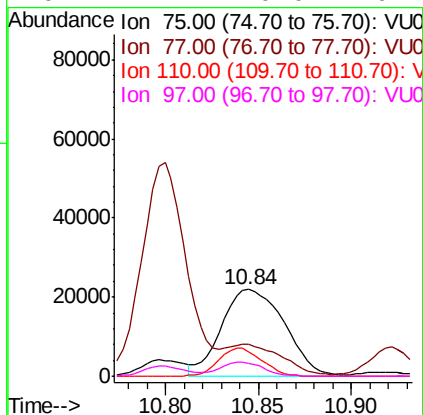
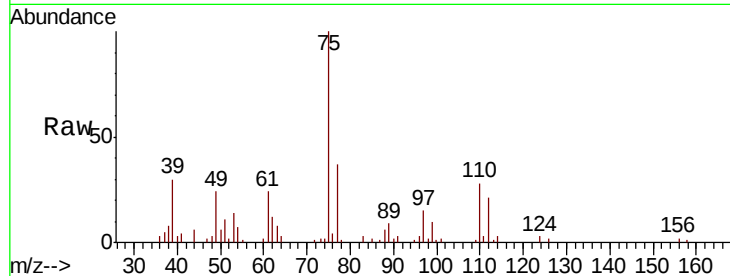




#71
 1,2,3-Trichloropropane
 Concen: 3.034 ug/l
 RT: 10.84 min Scan# 2956
 Delta R.T. 0.00 min
 Lab File: VU038006.D
 Acq: 04 May 2020 17:44

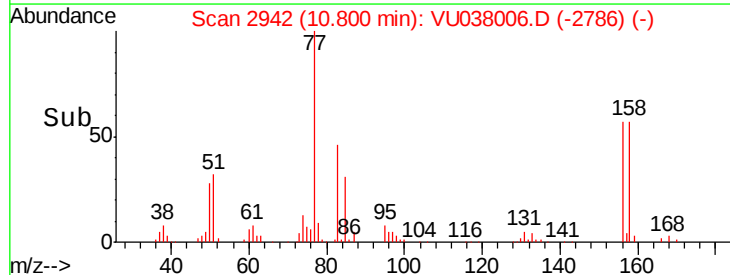
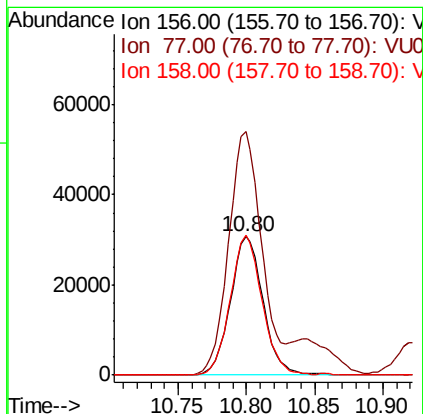
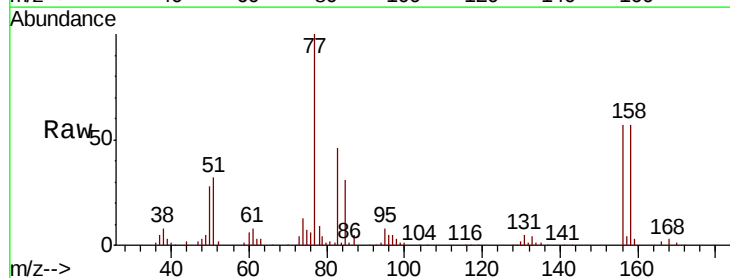
Instrument :
 MSVOA_U
 ClientSampleId :

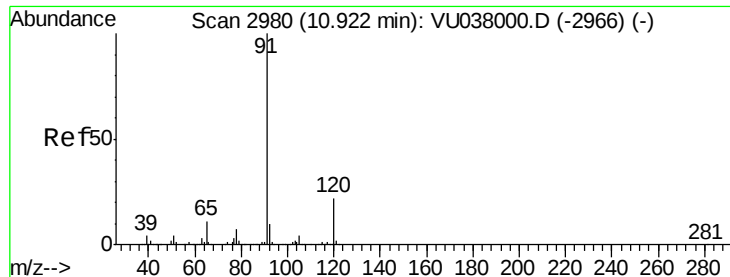
Tot Ion:	75	Resp:	51881
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	108.6
110	21.9	0.0	79.4
97	11.4	0.0	40.4



#72
 Bromobenzene
 Concen: 1.923 ug/l
 RT: 10.80 min Scan# 2942
 Delta R.T. 0.00 min
 Lab File: VU038006.D
 Acq: 04 May 2020 17:44

Tgt Ion:	156	Resp:	51081
Ion	Ratio	Lower	Upper
156	100		
77	178.4	0.0	355.6
158	98.5	0.0	194.0





#73

n-propylbenzene

Concen: 1.872 ug/l

RT: 10.92 min Scan# 2980

Delta R.T. 0.00 min

Lab File: VU038006.D

Acq: 04 May 2020 17:44

Instrument :

MSVOA_U

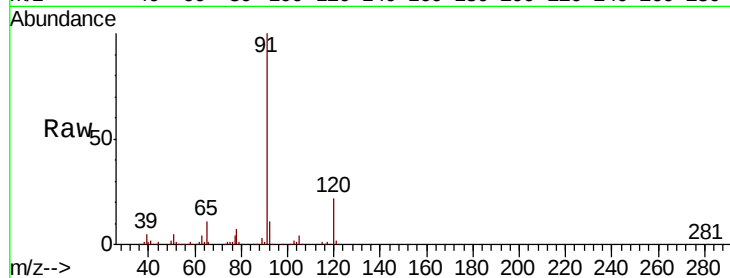
ClientSampleId :

Tot Ion:120 Resp: 61087

Ion Ratio Lower Upper

120 100

91 443.5 355.4 533.0



Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0

200000

150000

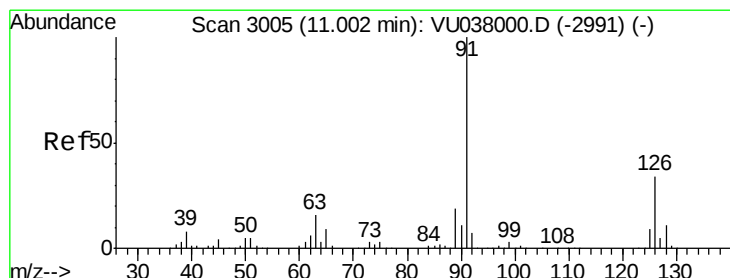
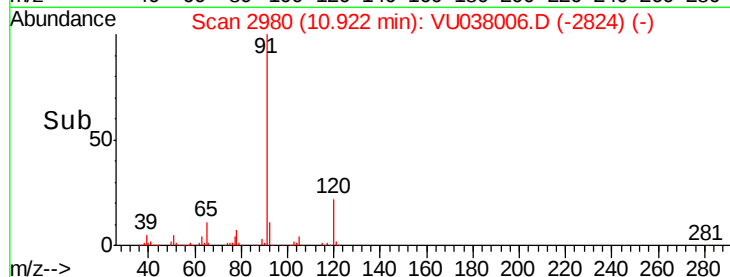
100000

50000

0

10.85 10.90 10.95 11.00

Time-->



#74

2-Chlorotoluene

Concen: 1.876 ug/l

RT: 11.00 min Scan# 3005

Delta R.T. 0.00 min

Lab File: VU038006.D

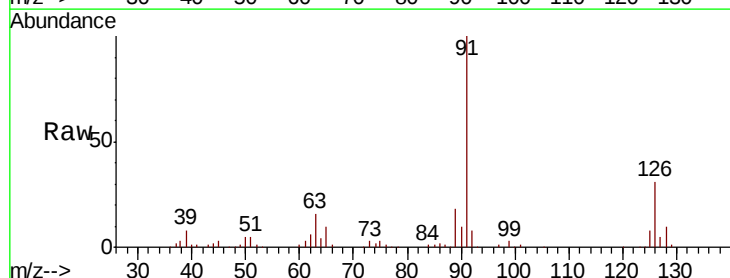
Acq: 04 May 2020 17:44

Tgt Ion:126 Resp: 51379

Ion Ratio Lower Upper

126 100

91 312.7 0.0 625.8



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0

200000

150000

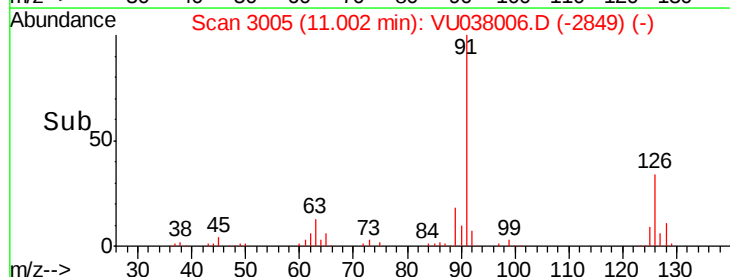
100000

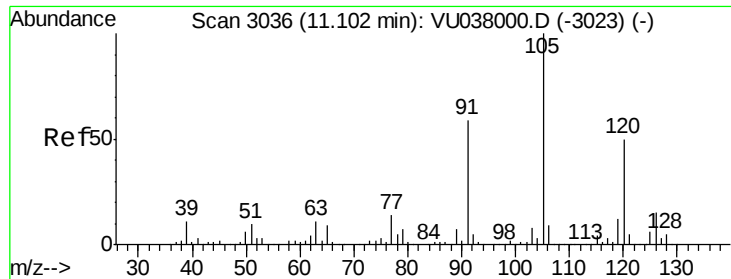
50000

0

10.95 11.00 11.05 11.10

Time-->

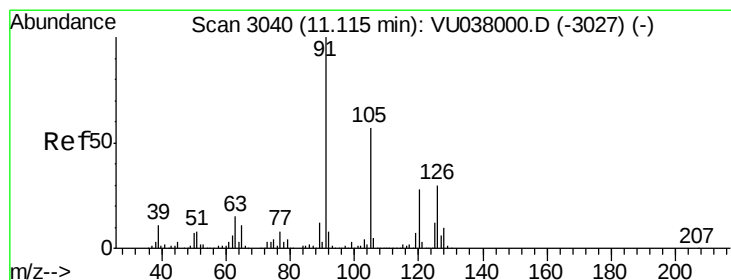
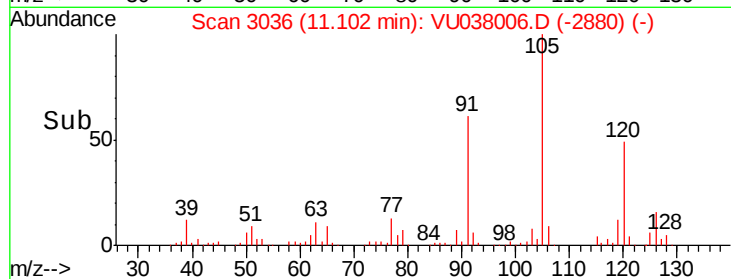
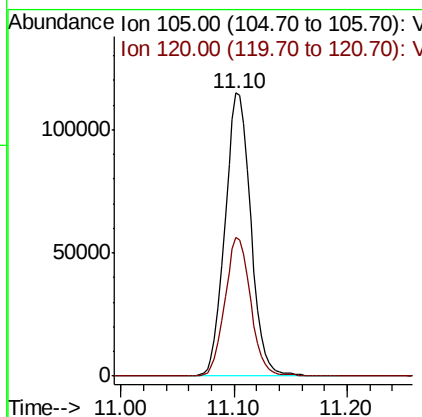
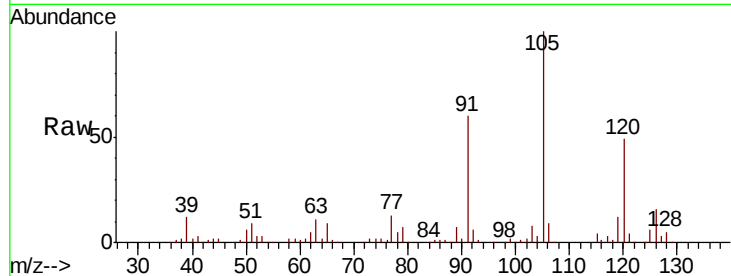




#75
 1,3,5-Trimethylbenzene
 Concen: 1.853 ug/l
 RT: 11.10 min Scan# 3036
 Delta R.T. 0.00 min
 Lab File: VU038006.D
 Acq: 04 May 2020 17:44

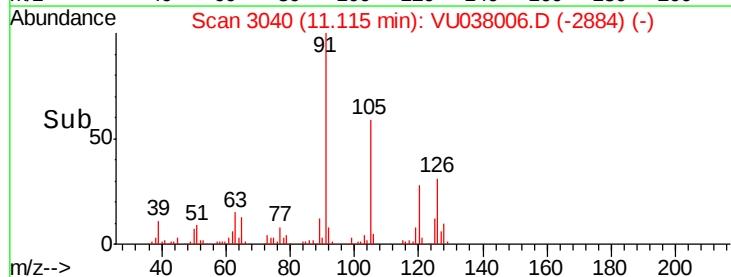
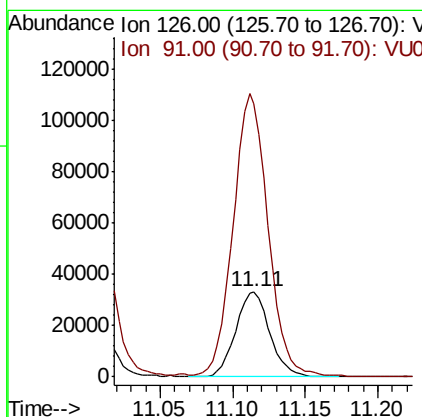
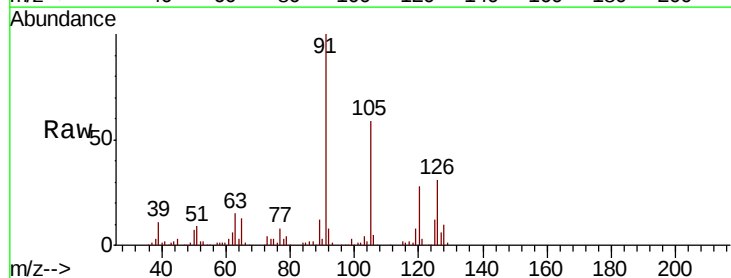
Instrument :
 MSVOA_U
 ClientSampled :

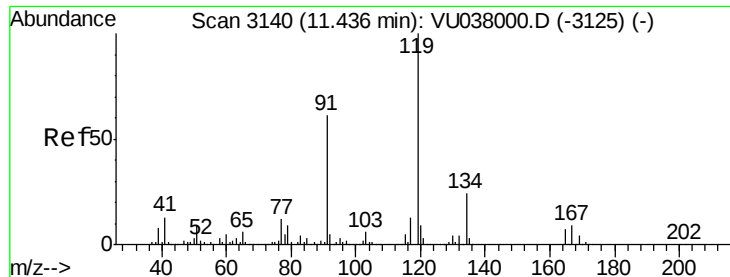
Tot Ion:105 Resp: 182426
 Ion Ratio Lower Upper
 105 100
 120 49.0 39.8 59.6



#76
 4-Chlorotoluene
 Concen: 1.897 ug/l
 RT: 11.11 min Scan# 3040
 Delta R.T. 0.00 min
 Lab File: VU038006.D
 Acq: 04 May 2020 17:44

Tgt Ion:126 Resp: 53962
 Ion Ratio Lower Upper
 126 100
 91 343.7 0.0 698.6

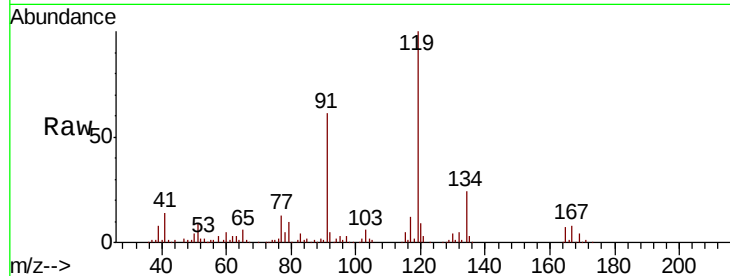




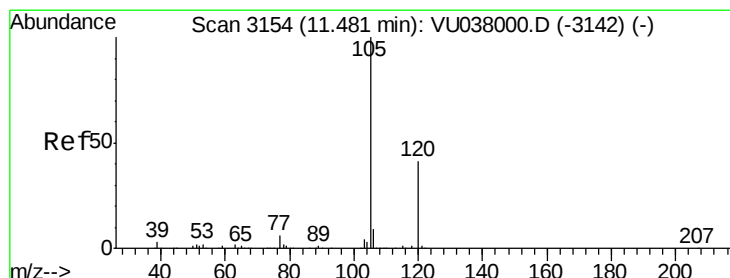
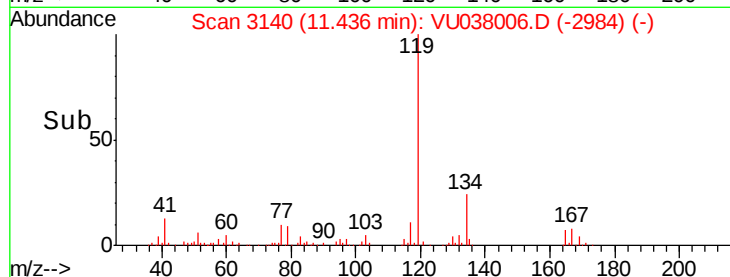
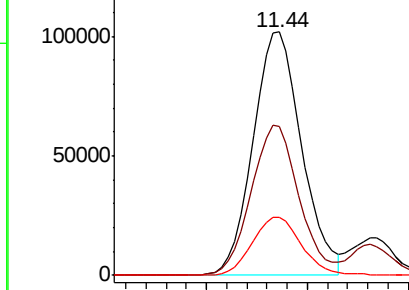
#77
 tert-Butylbenzene
 Concen: 1.829 ug/l
 RT: 11.44 min Scan# 3140
 Delta R.T. 0.00 min
 Lab File: VU038006.D
 Acq: 04 May 2020 17:44

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
119	100		
91	60.4	30.1	90.5
134	24.2	19.0	28.6

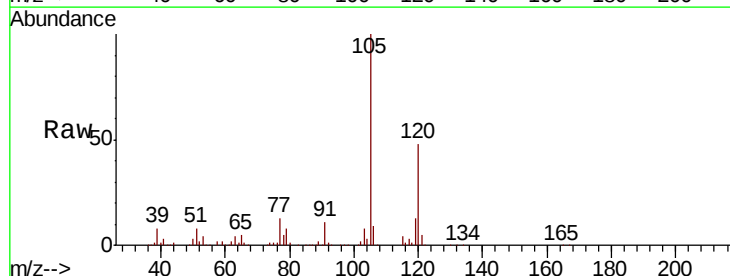


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

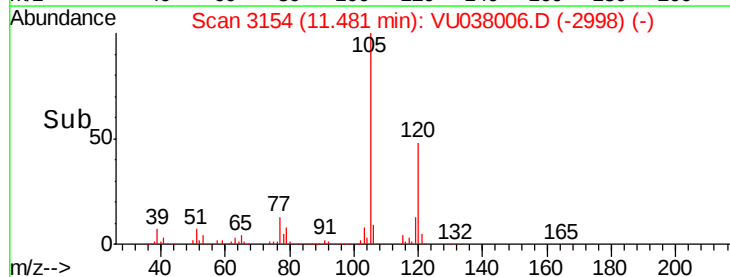
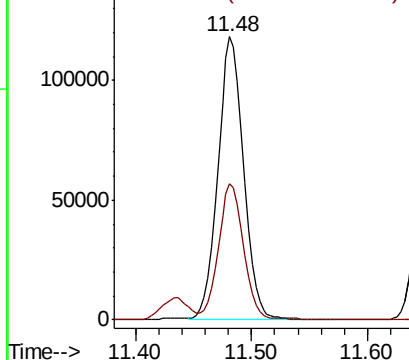


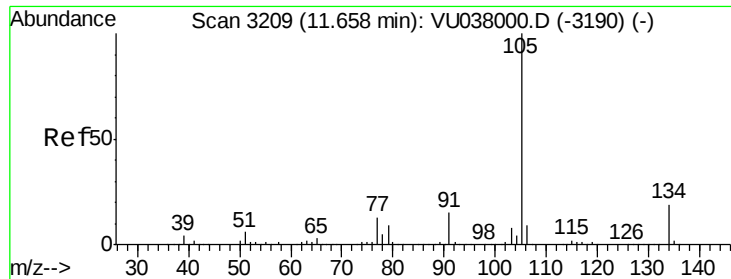
#78
 1,2,4-Trimethylbenzene
 Concen: 1.807 ug/l
 RT: 11.48 min Scan# 3154
 Delta R.T. 0.00 min
 Lab File: VU038006.D
 Acq: 04 May 2020 17:44

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.1	23.4	70.0



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

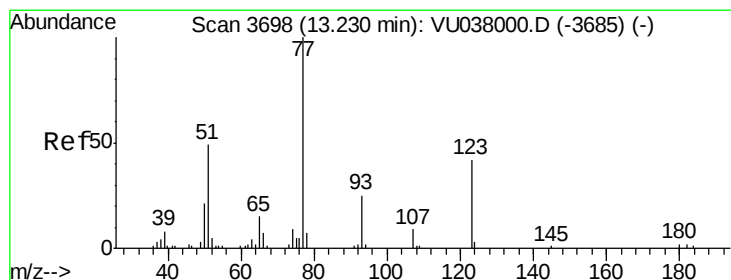
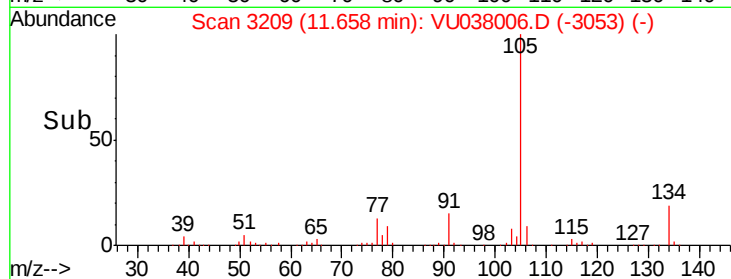
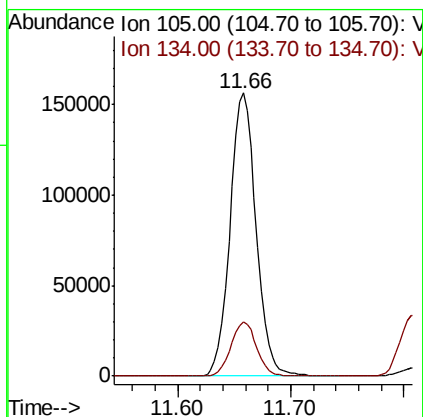
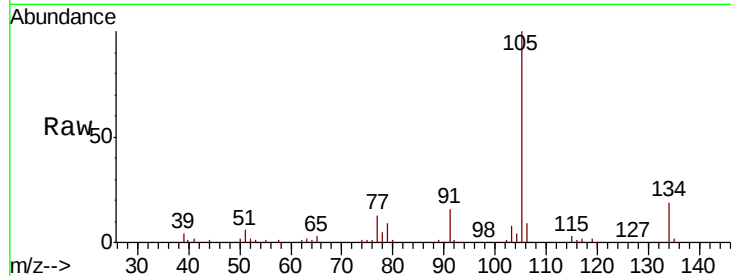




#79
 sec-Butylbenzene
 Concen: 1.863 ug/l
 RT: 11.66 min Scan# 3209
 Delta R.T. 0.00 min
 Lab File: VU038006.D
 Acq: 04 May 2020 17:44

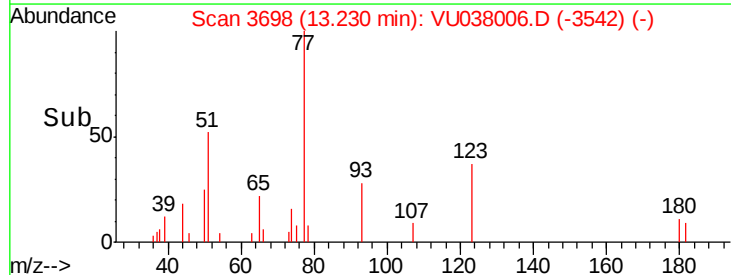
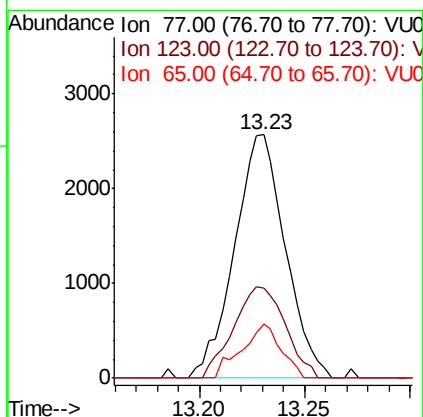
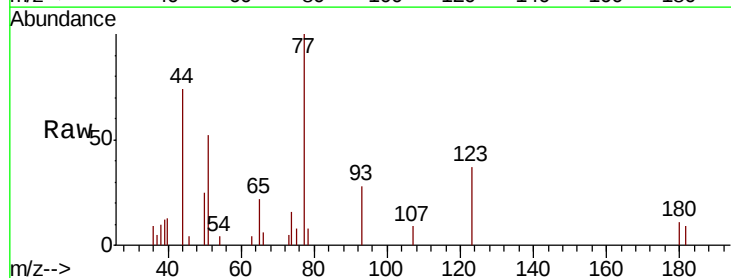
Instrument :
 MSVOA_U
 ClientSampleID :

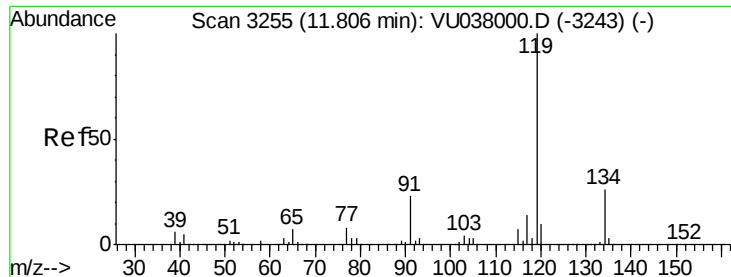
Tot Ion:105 Resp: 249957
 Ion Ratio Lower Upper
 105 100
 134 19.1 15.4 23.0



#80
 Nitrobenzene
 Concen: 6.272 ug/l
 RT: 13.23 min Scan# 3698
 Delta R.T. 0.00 min
 Lab File: VU038006.D
 Acq: 04 May 2020 17:44

Tgt Ion: 77 Resp: 4299
 Ion Ratio Lower Upper
 77 100
 123 38.2 17.6 62.6
 65 17.1 13.2 16.8#

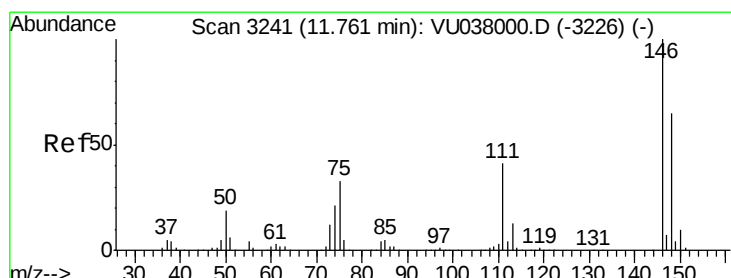
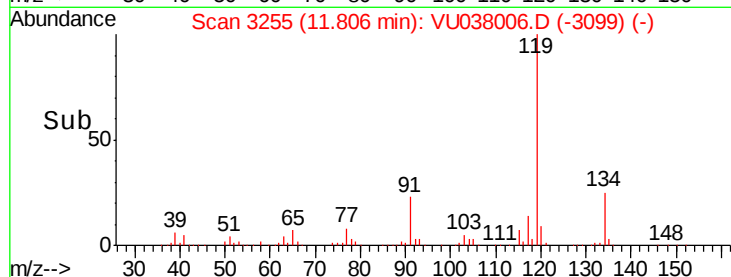
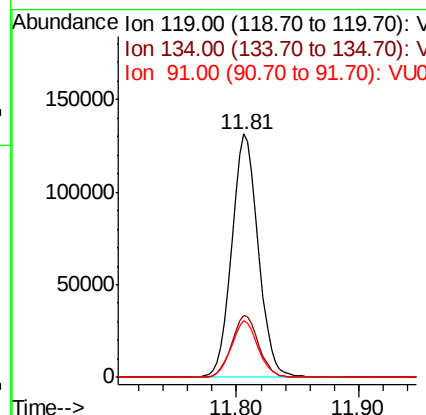
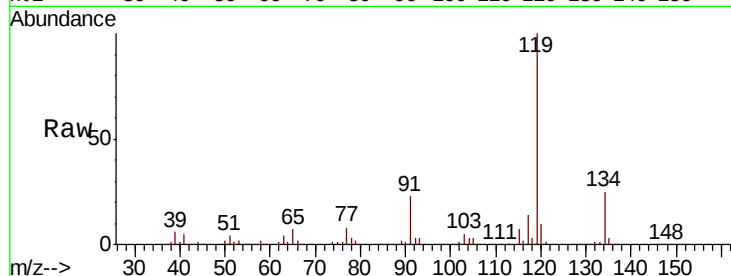




#81
 p-Isopropyltoluene
 Concen: 1.851 ug/l
 RT: 11.81 min Scan# 3255
 Delta R.T. 0.00 min
 Lab File: VU038006.D
 Acq: 04 May 2020 17:44

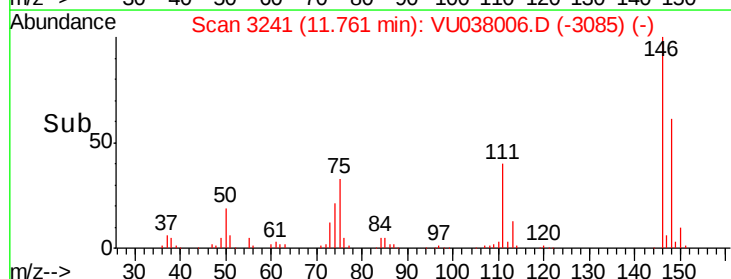
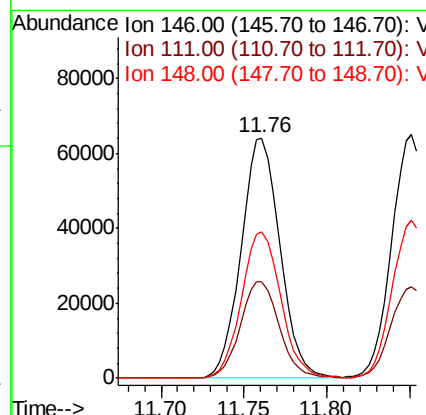
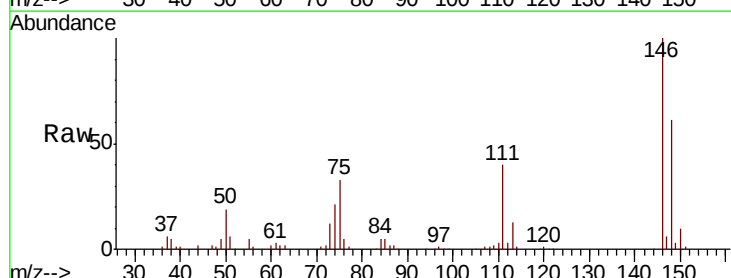
Instrument :
 MSVOA_U
 ClientSampleId :

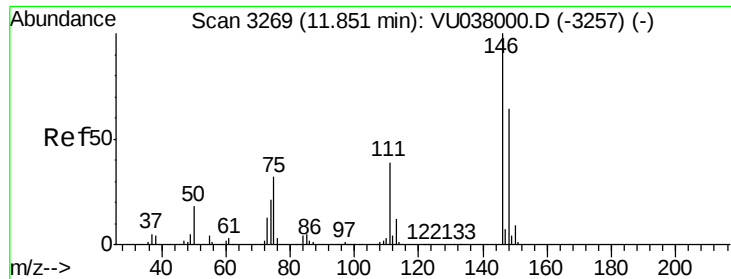
Tot Ion	Ratio	Lower	Upper
119	100		
134	25.7	20.6	31.0
91	23.5	18.6	28.0



#82
 1,3-Dichlorobenzene
 Concen: 1.900 ug/l
 RT: 11.76 min Scan# 3241
 Delta R.T. 0.00 min
 Lab File: VU038006.D
 Acq: 04 May 2020 17:44

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.3	33.0	49.4
148	61.7	51.4	77.2

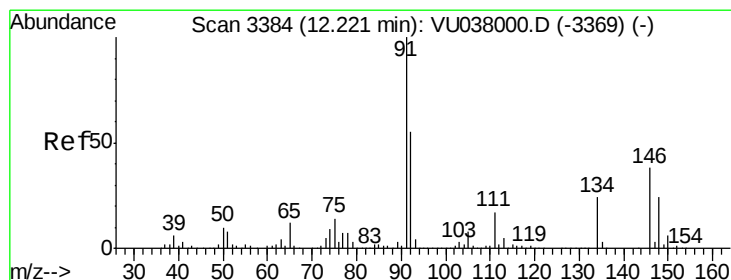
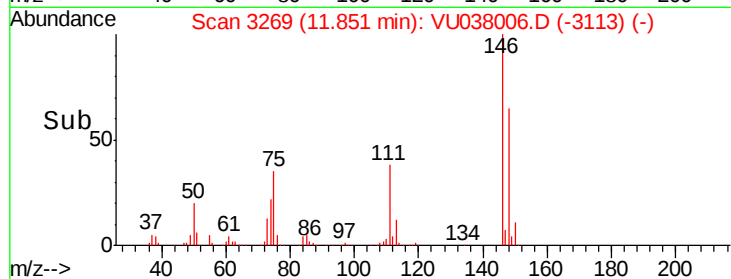
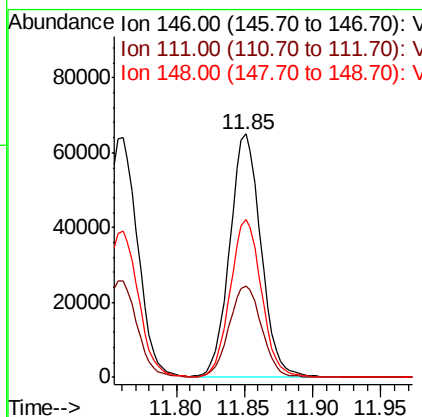
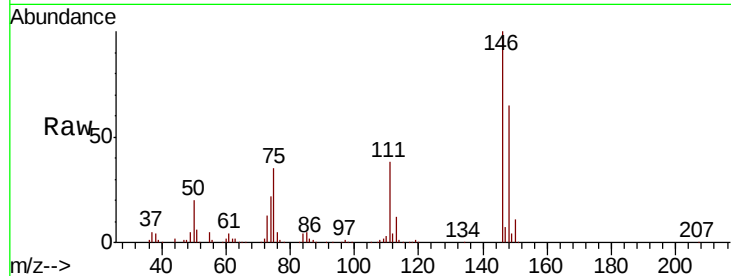




#83
 1,4-Dichlorobenzene
 Concen: 1.863 ug/l
 RT: 11.85 min Scan# 3269
 Delta R.T. 0.00 min
 Lab File: VU038006.D
 Acq: 04 May 2020 17:44

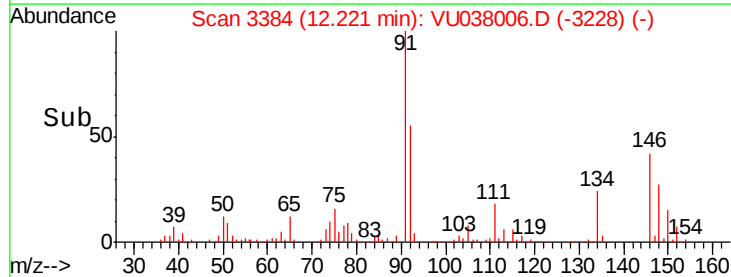
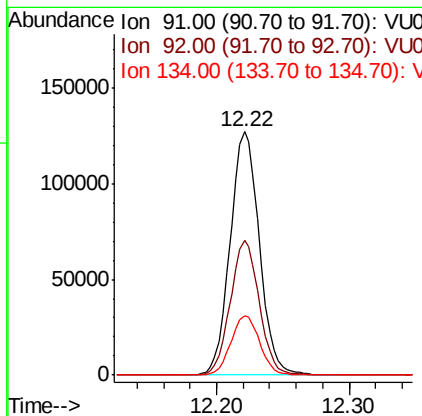
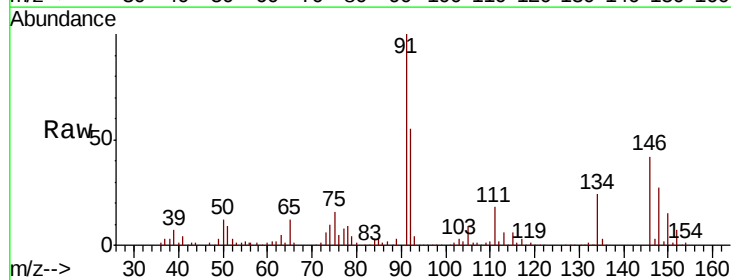
Instrument :
 MSVOA_U
 ClientSampled :

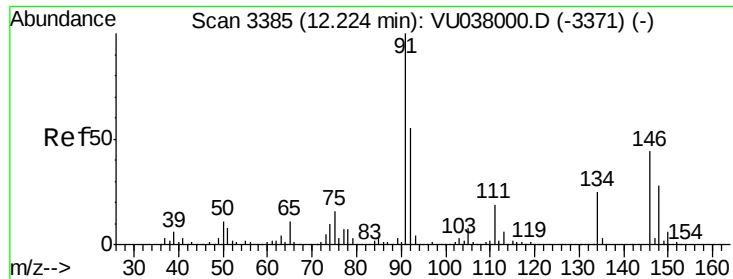
Tot Ion:146 Resp: 103744
 Ion Ratio Lower Upper
 146 100
 111 39.0 31.8 47.6
 148 64.8 51.2 76.8



#84
 n-Butylbenzene
 Concen: 1.800 ug/l
 RT: 12.22 min Scan# 3384
 Delta R.T. 0.00 min
 Lab File: VU038006.D
 Acq: 04 May 2020 17:44

Tgt Ion: 91 Resp: 194673
 Ion Ratio Lower Upper
 91 100
 92 54.7 43.8 65.6
 134 24.0 19.4 29.2

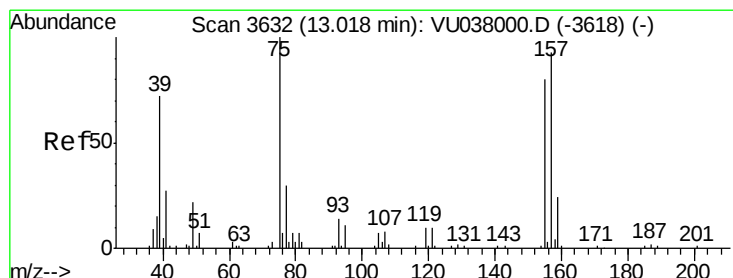
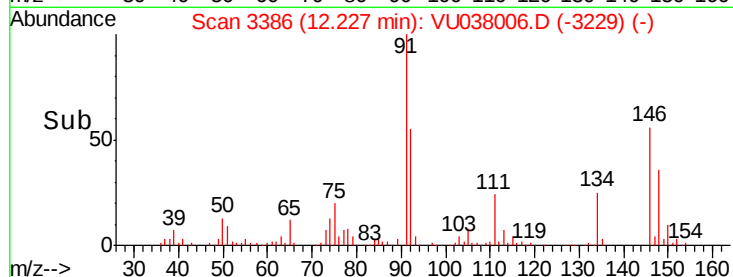
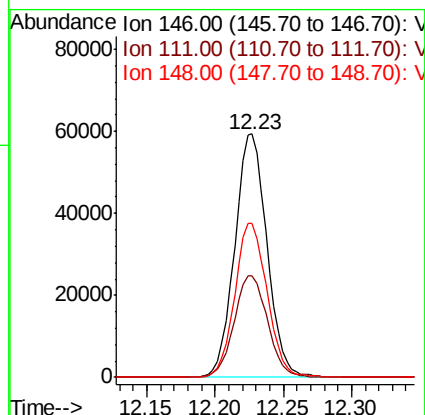
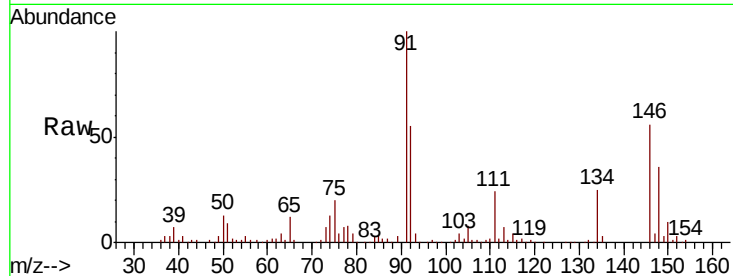




#85
 1,2-Dichlorobenzene
 Concen: 1.900 ug/l
 RT: 12.23 min Scan# 3386
 Delta R.T. 0.00 min
 Lab File: VU038006.D
 Acq: 04 May 2020 17:44

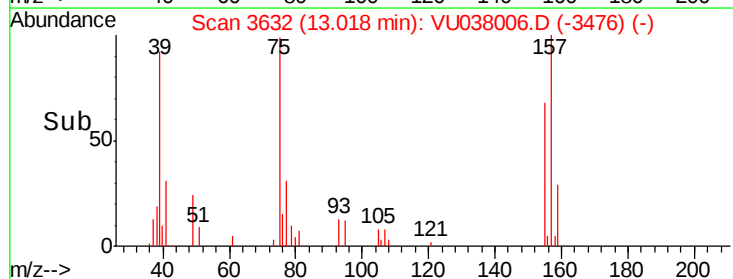
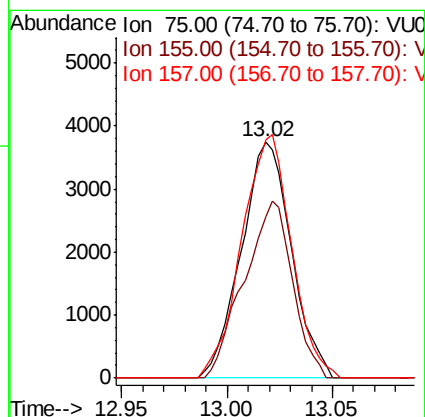
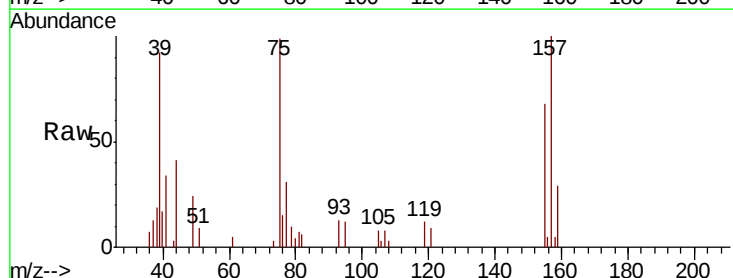
Instrument :
 MSVOA_U
 ClientSampled :

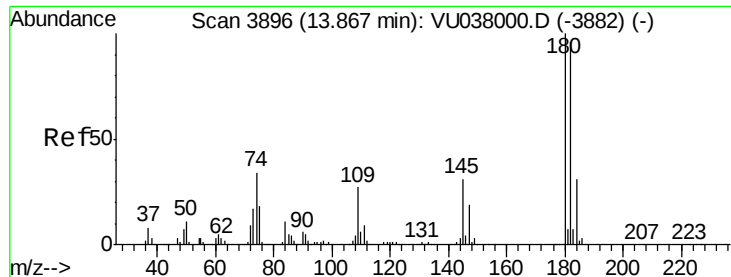
Tot Ion:146 Resp: 97263
 Ion Ratio Lower Upper
 146 100
 111 43.5 21.9 65.8
 148 63.7 31.8 95.4



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 1.701 ug/l
 RT: 13.02 min Scan# 3632
 Delta R.T. 0.00 min
 Lab File: VU038006.D
 Acq: 04 May 2020 17:44

Tgt Ion: 75 Resp: 6194
 Ion Ratio Lower Upper
 75 100
 155 72.4 60.9 91.3
 157 102.1 78.1 117.1

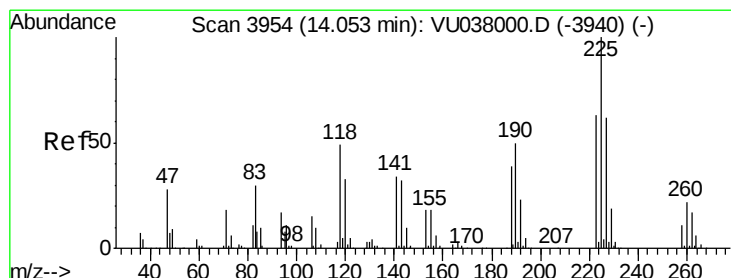
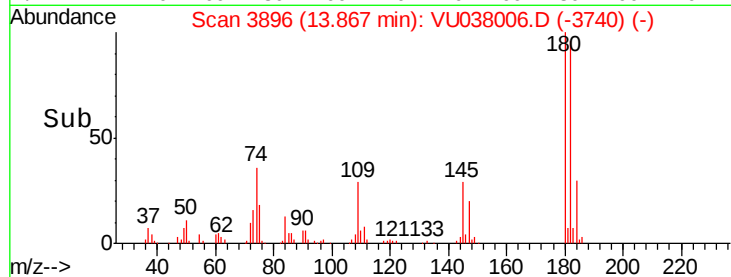
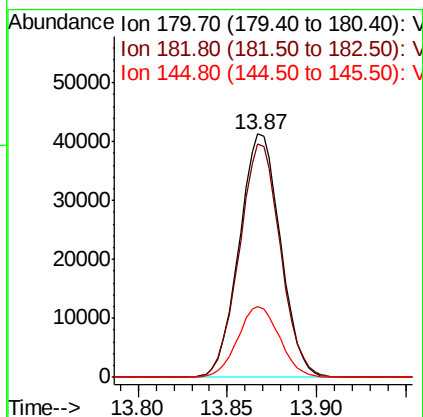
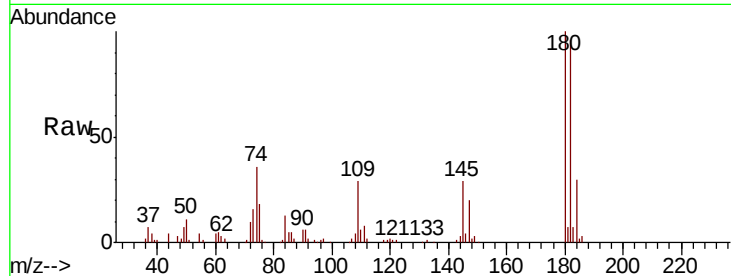




#87
 1,2,4-Trichlorobenzene
 Concen: 1.780 ug/l
 RT: 13.87 min Scan# 3896
 Delta R.T. 0.00 min
 Lab File: VU038006.D
 Acq: 04 May 2020 17:44

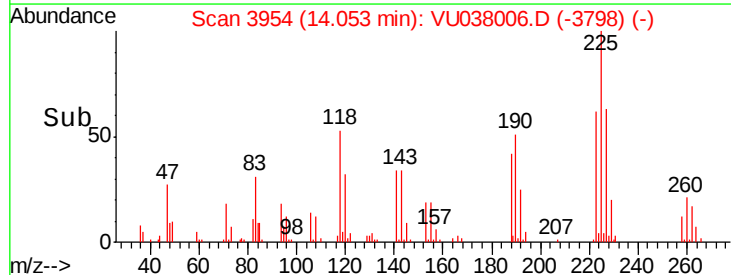
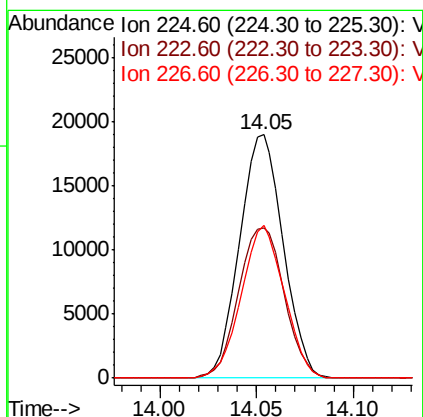
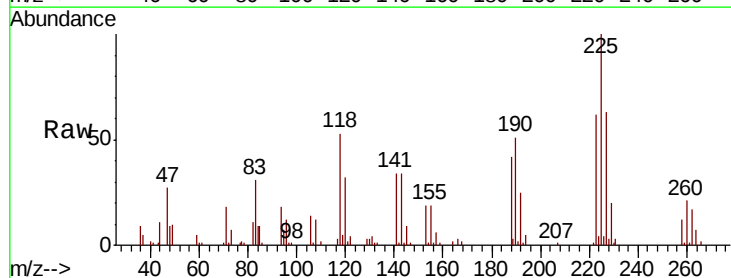
Instrument :
 MSVOA_U
 ClientSampled :

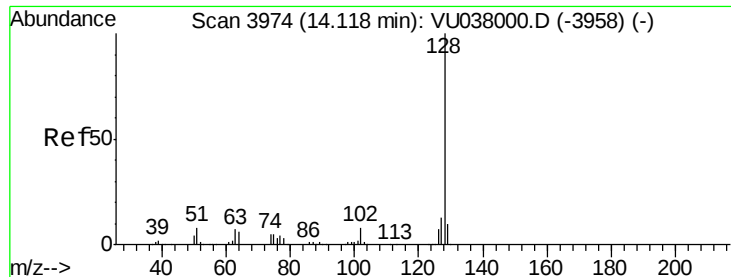
Tot Ion:180 Resp: 66634
 Ion Ratio Lower Upper
 180 100
 182 96.0 76.9 115.3
 145 29.4 24.7 37.1



#88
 Hexachlorobutadiene
 Concen: 1.779 ug/l
 RT: 14.05 min Scan# 3954
 Delta R.T. 0.00 min
 Lab File: VU038006.D
 Acq: 04 May 2020 17:44

Tgt Ion:225 Resp: 29779
 Ion Ratio Lower Upper
 225 100
 223 64.7 51.3 76.9
 227 61.7 49.2 73.8





#89

Naphthalene

Concen: 1.767 ug/l

RT: 14.12 min Scan# 3974

Delta R.T. 0.00 min

Lab File: VU038006.D

Acq: 04 May 2020 17:44

Instrument :

MSVOA_U

ClientSampled :

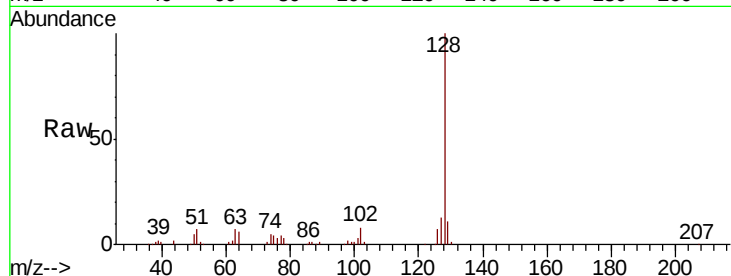
Tot Ion:128 Resp: 127212

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

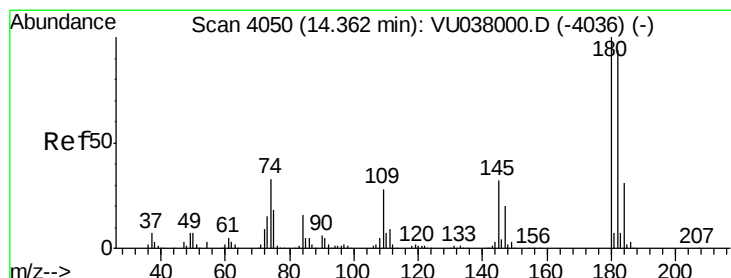
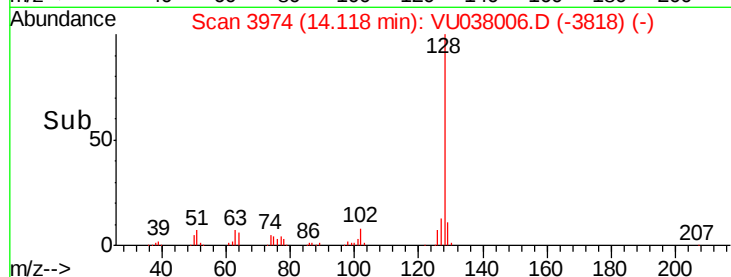
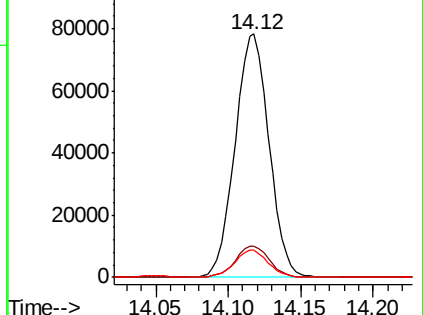
129 11.0 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#90

1,2,3-Trichlorobenzene

Concen: 1.856 ug/l

RT: 14.36 min Scan# 4050

Delta R.T. 0.00 min

Lab File: VU038006.D

Acq: 04 May 2020 17:44

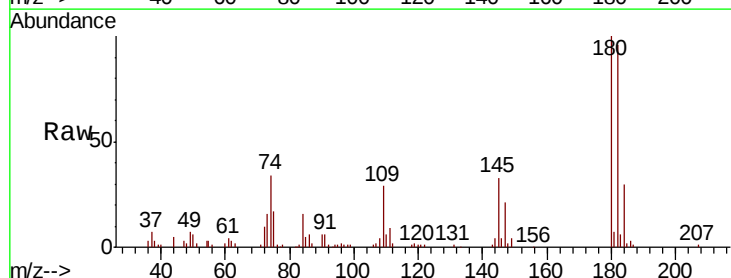
Tgt Ion:180 Resp: 61879

Ion Ratio Lower Upper

180 100

182 93.5 75.9 113.9

145 32.1 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

