

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U081220\
 Data File : VU039840.D
 Acq On : 12 Aug 2020 12:29
 Operator : SY/MD
 Sample : VU0812WBS01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 13 02:49:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U072920DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Jul 31 07:12:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
-----	-----	-----	-----	-----	-----	-----
1) Fluorobenzene	6.12	96	23214	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.63	95	7200	0.79	ug/l	0.00
Spiked Amount 1.000			Recovery	=	79.00%	
68) 1,2-Dichlorobenzene-d4	12.19	152	6705	0.76	ug/l	0.00
Spiked Amount 1.000			Recovery	=	76.00%	
Target Compounds						
					Ovalue	
2) Dichlorodifluoromethane	1.39	85	13206	1.637	ug/l	95
3) Chloromethane	1.53	50	14998	1.497	ug/l	99
4) Vinyl Chloride	1.61	62	15396	1.667	ug/l	99
5) Bromomethane	1.86	94	8033	1.272	ug/l	92
6) Chloroethane	1.94	64	11613	1.812	ug/l	96
7) Trichlorofluoromethane	2.15	101	20780	1.701	ug/l	96
8) 1,1,2-Trichloro-1,2,2-trif	2.59	101	12455	1.777	ug/l	96
9) 1,1-Dichloroethene	2.59	96	9984	1.548	ug/l	98
10) Iodomethane	2.73	142	4350	0.669	ug/l	99
11) Allyl Chloride	2.94	41	24063	1.729	ug/l	98
12) Acrylonitrile	3.33	53	7500	3.313	ug/l #	93
13) Acetone	2.64	43	17815	8.363	ug/l	91
14) Carbon Disulfide	2.80	76	30077	1.272	ug/l	99
15) Methylene Chloride	3.06	84	14076	1.566	ug/l	93
16) trans-1,2-Dichloroethene	3.37	96	11789	1.608	ug/l	98
17) 1,1-Dichloroethane	3.89	63	28170	1.749	ug/l	99
18) 2-Butanone	4.75	43	28682	8.007	ug/l	99
19) Cyclohexane	5.39	56	21717	1.393	ug/l	95
20) Methylcyclohexane	6.77	83	16876	1.461	ug/l	96
21) 2,2-Dichloropropane	4.68	77	22493	1.712	ug/l	98
22) cis-1,2-Dichloroethene	4.69	96	13998	1.771	ug/l	98
23) Diethyl Ether	2.39	59	10746	1.630	ug/l	94
24) tert-Butyl Alcohol	3.22	59	14621	11.223	ug/l	97
25) Methyl tert-Butyl Ether	3.38	73	34510	1.640	ug/l	94
26) Bromochloromethane	4.99	128	5211	1.611	ug/l	94
27) Chloroform	5.11	83	26619	1.766	ug/l	98
28) 1,1,1-Trichloroethane	5.33	97	20384	1.672	ug/l	99
29) 1,1-Dichloropropene	5.54	75	19640	1.673	ug/l	98
30) Carbon Tetrachloride	5.53	117	16577	1.663	ug/l	98
31) Isopropyl Ether	4.02	45	51509	1.754	ug/l	100
32) Ethyl-t-butyl ether	4.53	59	41475	1.659	ug/l	98
33) Tert-Amyl methyl ether	5.97	73	34477	1.913	ug/l	97
34) Propionitrile	4.81	54	7873	8.909	ug/l #	90
35) Benzene	5.79	78	53374	1.838	ug/l	99
36) 1,2-Dichloroethane	5.81	62	20366	1.870	ug/l	99
37) Trichloroethene	6.55	130	11466	1.725	ug/l	98
38) 1,2-Dichloropropane	6.81	63	14241	1.779	ug/l	99
39) Methacrylonitrile	5.00	41	7231	1.553	ug/l	96
40) Methyl acrylate	4.87	55	9743	1.622	ug/l #	96
41) Tetrahydrofuran	5.09	42	7667	3.272	ug/l	93
42) 1-Chlorobutane	5.47	56	31115	1.688	ug/l	100

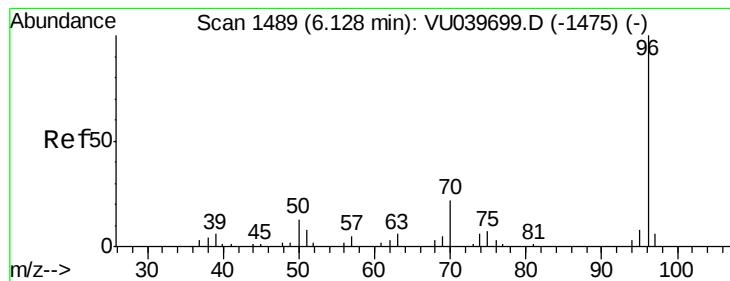
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU081220\
 Data File : VU039840.D
 Acq On : 12 Aug 2020 12:29
 Operator : SY/MD
 Sample : VU0812WBS01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 13 02:49:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U072920DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Jul 31 07:12:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.93	93	7019	1.629	ug/l	96
44) Bromodichloromethane	7.12	83	17418	1.763	ug/l	99
45) 4-Methyl-2-Pentanone	7.81	43	49843	7.638	ug/l	96
46) t-1,4-Dichloro-2-butene	10.83	75	15191	7.827	ug/l #	47
47) Methyl methacrylate	6.98	69	12230	3.044	ug/l	96
48) Ethyl methacrylate	8.35	69	10789	1.459	ug/l	99
49) Toluene	7.98	92	25712	1.487	ug/l	100
50) t-1,3-Dichloropropene	8.22	75	14395	1.618	ug/l	99
51) cis-1,3-Dichloropropene	7.62	75	16376	1.566	ug/l	94
52) 1,1,2-Trichloroethane	8.41	97	9084	1.623	ug/l	97
53) 1,3-Dichloropropane	8.58	76	17208	1.601	ug/l	98
54) 2-Hexanone	8.70	43	35226	7.539	ug/l	95
55) Dibromochloromethane	8.82	129	9736	1.620	ug/l	99
56) 1,2-Dibromoethane	8.93	107	8312	1.541	ug/l	98
58) Tetrachloroethene	8.56	164	10382	1.785	ug/l	91
59) Chlorobenzene	9.45	112	27725	1.551	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.54	131	10109	1.677	ug/l	98
61) Pentachloroethane	11.42	117	8175	1.544	ug/l	91
62) Hexachloroethane	12.47	117	7755	1.598	ug/l	100
63) Ethyl Benzene	9.57	91	46339	1.446	ug/l	100
64) m/p-Xylenes	9.70	106	37004	2.956	ug/l	100
65) o-Xylene	10.10	106	17585	1.480	ug/l	100
66) Styrene	10.11	104	29622	1.454	ug/l	97
67) Bromoform	10.29	173	4806	1.568	ug/l	97
69) Isopropylbenzene	10.48	105	46455	1.463	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.78	83	13511	1.677	ug/l	98
71) 1,2,3-Trichloropropane	10.83	75	15191	2.503	ug/l	84
72) Bromobenzene	10.78	156	10716	1.486	ug/l	90
73) n-propylbenzene	10.90	120	13054	1.463	ug/l	96
74) 2-Chlorotoluene	10.98	126	11415	1.514	ug/l	96
75) 1,3,5-Trimethylbenzene	11.09	105	41010	1.494	ug/l	97
76) 4-Chlorotoluene	11.10	126	12755	1.633	ug/l	91
77) tert-Butylbenzene	11.42	119	38571	1.465	ug/l	98
78) 1,2,4-Trimethylbenzene	11.47	105	43315	1.539	ug/l	99
79) sec-Butylbenzene	11.64	105	57077	1.523	ug/l	98
80) Nitrobenzene	13.20	77	1517	11.126	ug/l #	87
81) p-Isopropyltoluene	11.79	119	47736	1.581	ug/l	99
82) 1,3-Dichlorobenzene	11.74	146	25521	1.645	ug/l	99
83) 1,4-Dichlorobenzene	11.83	146	25079	1.607	ug/l	99
84) n-Butylbenzene	12.20	91	47324	1.475	ug/l	98
85) 1,2-Dichlorobenzene	12.21	146	23300	1.558	ug/l	98
86) 1,2-Dibromo-3-Chloropropan	12.99	75	2048	1.509	ug/l	94
87) 1,2,4-Trichlorobenzene	13.83	180	13800	1.475	ug/l	99
88) Hexachlorobutadiene	14.01	225	7657	1.803	ug/l	98
89) Naphthalene	14.08	128	43000	2.148	ug/l	100
90) 1,2,3-Trichlorobenzene	14.32	180	18482	2.093	ug/l	96

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



#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 6.12 min Scan# 1488

Delta R.T. -0.00 min

Lab File: VU039840.D

Acq: 12 Aug 2020 12:29

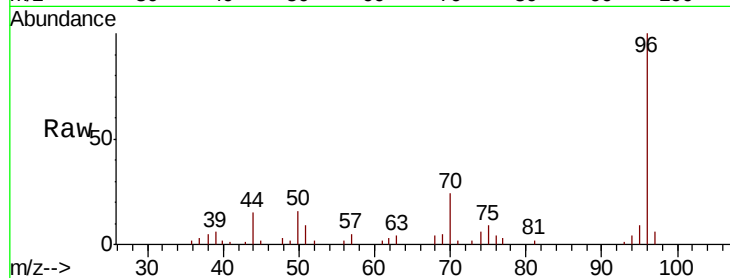
Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 96 Resp: 23214

Ion	Ratio	Lower	Upper
96	100		
70	23.1	16.3	24.5
95	9.5	6.8	10.2
97	6.5	0.0	0.0#

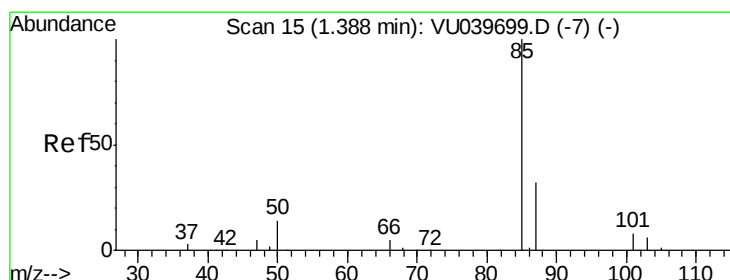
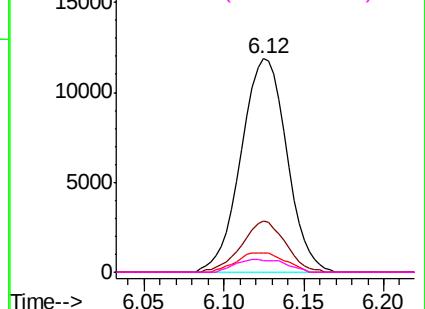
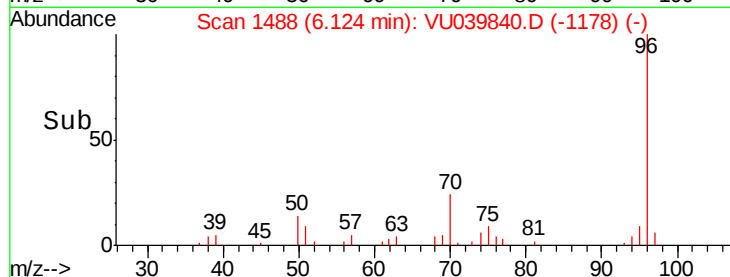


Abundance Ion 96.00 (95.70 to 96.70): VU039699.D (-1475) (-)

Ion 70.00 (69.70 to 70.70): VU039699.D (-1475) (-)

Ion 95.00 (94.70 to 95.70): VU039699.D (-1475) (-)

Ion 97.00 (96.70 to 97.70): VU039699.D (-1475) (-)



#2

Dichlorodifluoromethane

Concen: 1.637 ug/l

RT: 1.39 min Scan# 15

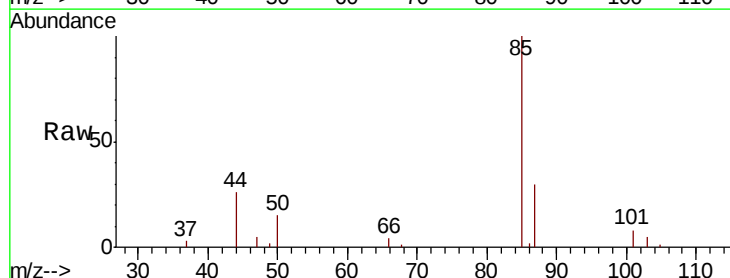
Delta R.T. -0.00 min

Lab File: VU039840.D

Acq: 12 Aug 2020 12:29

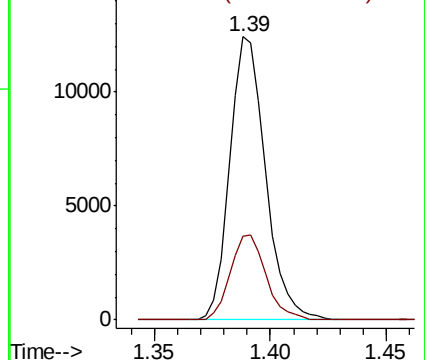
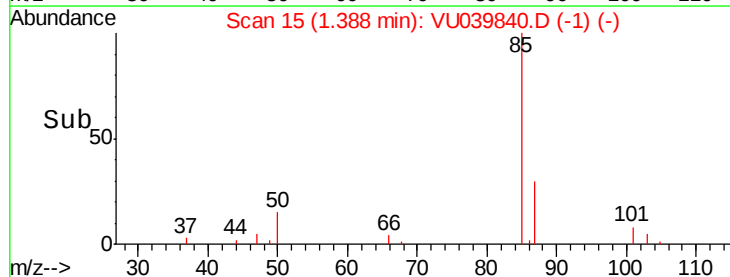
Tgt Ion: 85 Resp: 13206

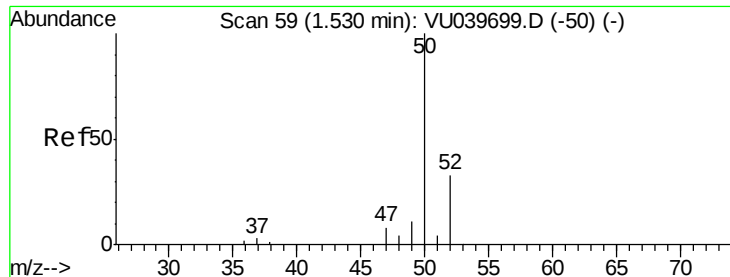
Ion	Ratio	Lower	Upper
85	100		
87	29.6	16.2	48.6



Abundance Ion 85.00 (84.70 to 85.70): VU039699.D (-7) (-)

Ion 87.00 (86.70 to 87.70): VU039699.D (-7) (-)





#3

Chloromethane

Concen: 1.497 ug/l

RT: 1.53 min Scan# 59

Delta R.T. -0.00 min

Lab File: VU039840.D

Acq: 12 Aug 2020 12:29

Instrument :

MSVOA_U

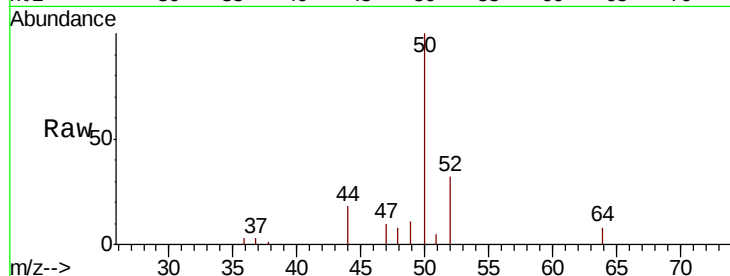
ClientSampled :

Tot Ion: 50 Resp: 14998

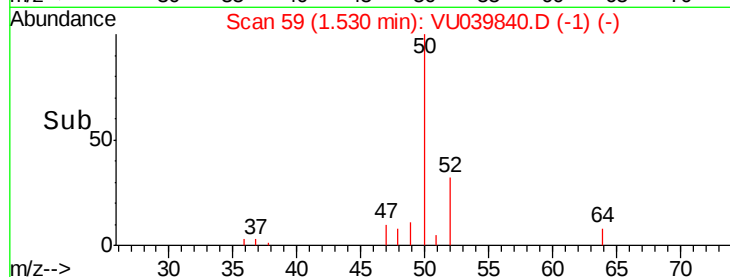
Ion Ratio Lower Upper

50 100

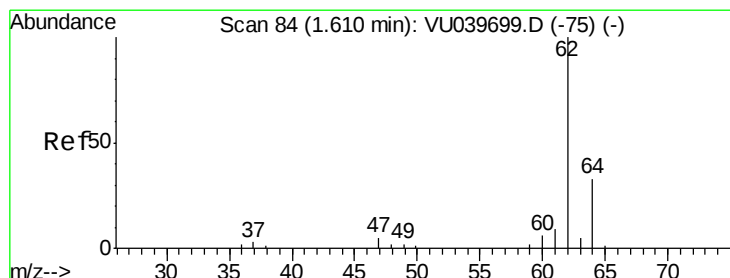
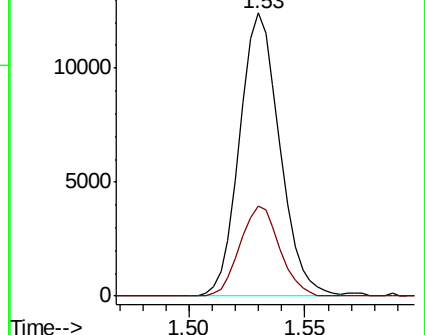
52 31.7 26.0 39.0



Abundance Ion 50.00 (49.70 to 50.70): VU039840.D (-1) (-)



Ion 52.00 (51.70 to 52.70): VU039840.D (-1) (-)



#4

Vinyl Chloride

Concen: 1.667 ug/l

RT: 1.61 min Scan# 84

Delta R.T. -0.00 min

Lab File: VU039840.D

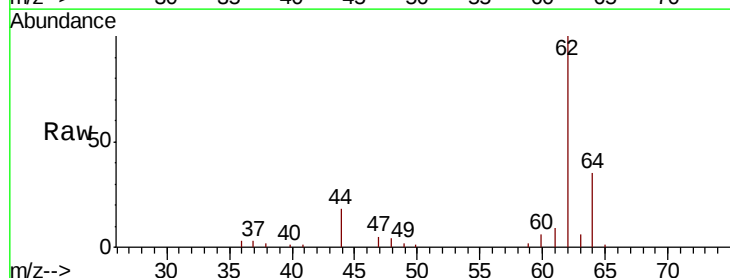
Acq: 12 Aug 2020 12:29

Tgt Ion: 62 Resp: 15396

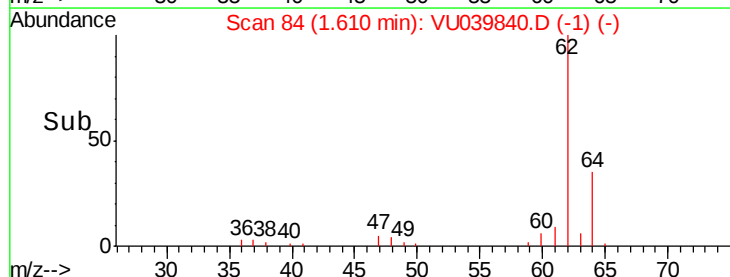
Ion Ratio Lower Upper

62 100

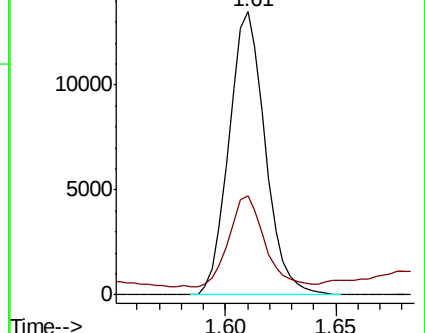
64 32.1 26.0 39.0

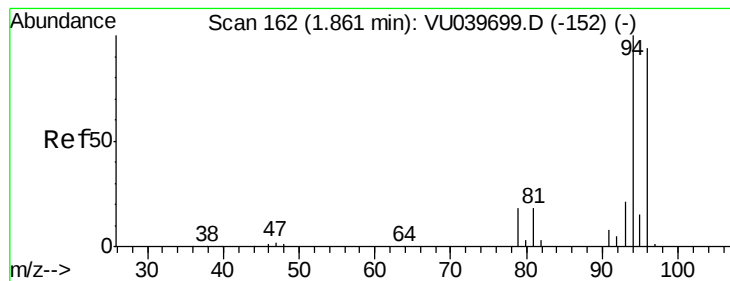


Abundance Ion 62.00 (61.70 to 62.70): VU039840.D (-1) (-)



Ion 64.00 (63.70 to 64.70): VU039840.D (-1) (-)





#5

Bromomethane

Concen: 1.272 ug/l

RT: 1.86 min Scan# 163

Delta R.T. 0.00 min

Lab File: VU039840.D

Acq: 12 Aug 2020 12:29

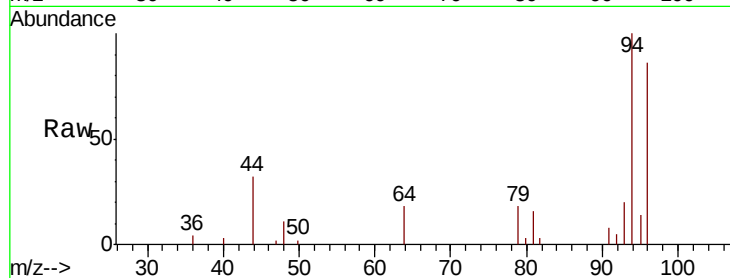
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 94 Resp: 8033

Ion Ratio Lower Upper

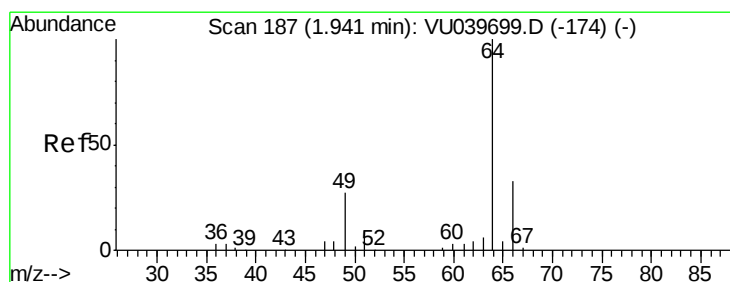
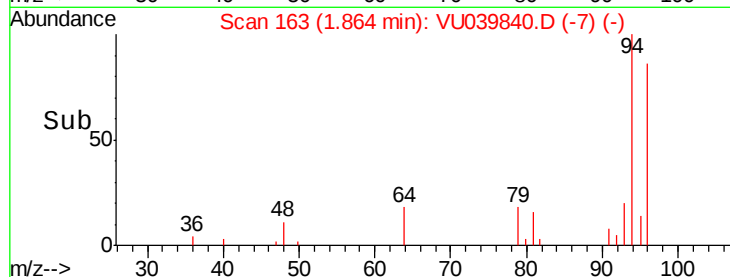
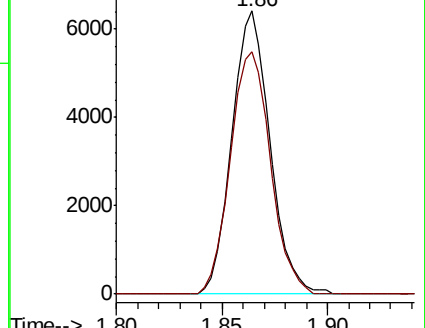
94 100

96 85.7 75.0 112.6



Abundance Ion 94.00 (93.70 to 94.70): VU039699.D (-152) (-)

Ion 96.00 (95.70 to 96.70): VU039840.D (-7) (-)



#6

Chloroethane

Concen: 1.812 ug/l

RT: 1.94 min Scan# 187

Delta R.T. -0.00 min

Lab File: VU039840.D

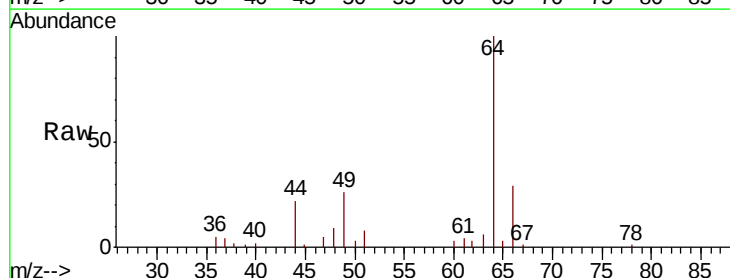
Acq: 12 Aug 2020 12:29

Tgt Ion: 64 Resp: 11613

Ion Ratio Lower Upper

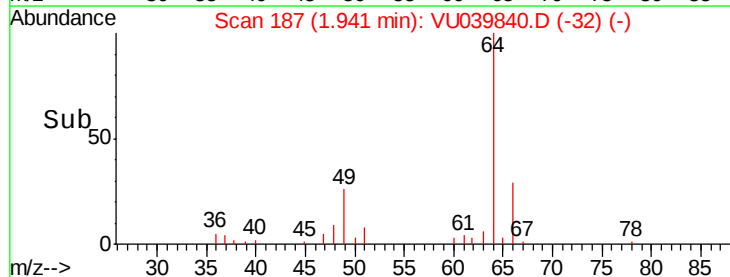
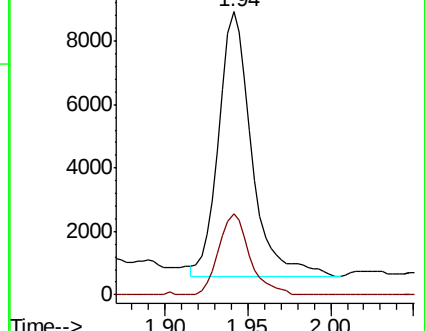
64 100

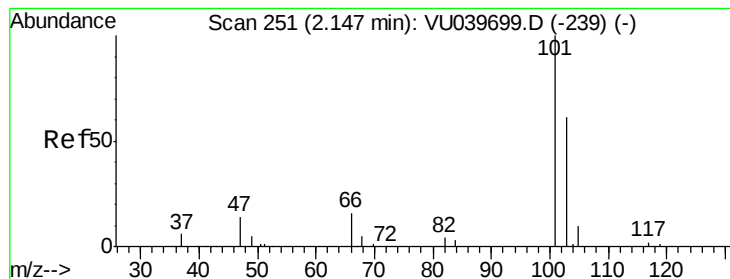
66 30.6 26.2 39.2



Abundance Ion 64.00 (63.70 to 64.70): VU039699.D (-174) (-)

Ion 66.00 (65.70 to 66.70): VU039840.D (-32) (-)



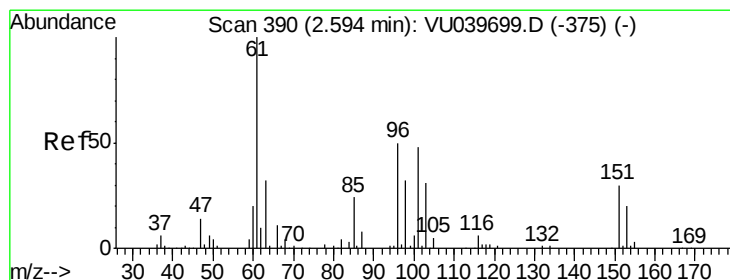
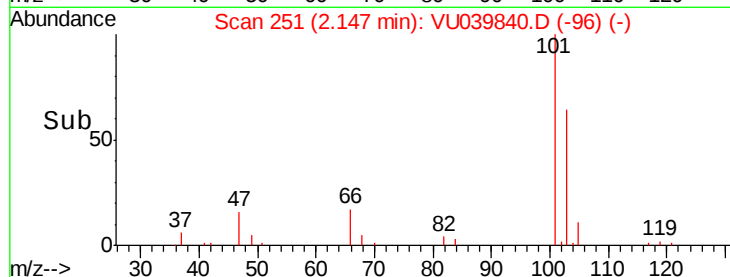
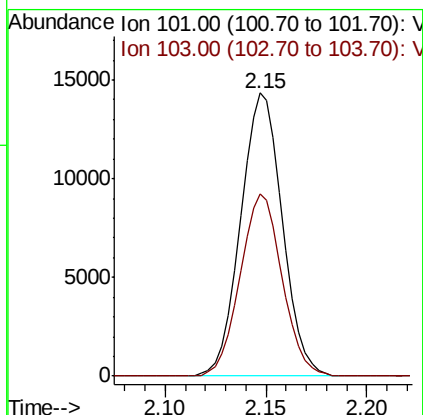
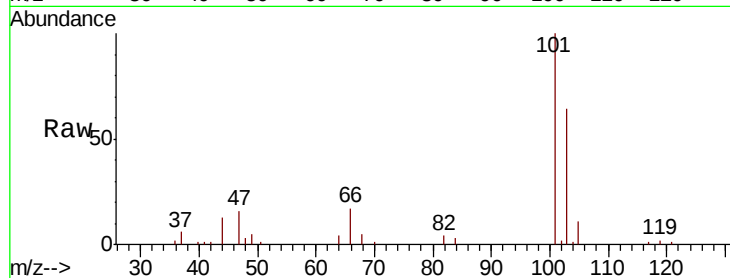


#7

Trichlorofluoromethane
 Concen: 1.701 ug/l
 RT: 2.15 min Scan# 251
 Delta R.T. -0.00 min
 Lab File: VU039840.D
 Acq: 12 Aug 2020 12:29

Instrument :
 MSVOA_U
 ClientSampleId :

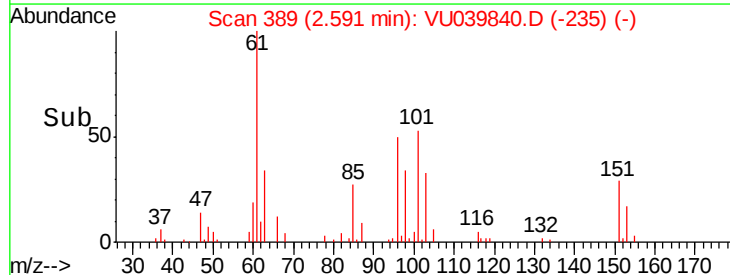
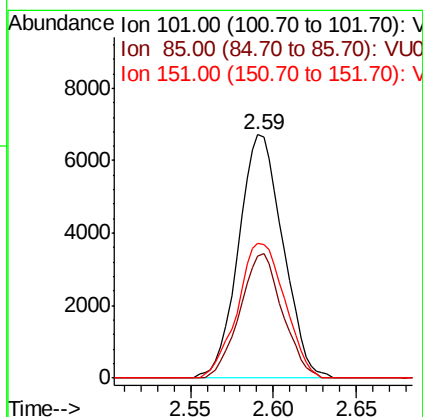
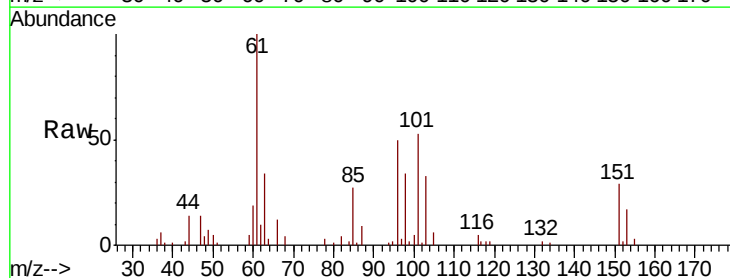
Tot Ion	101	Resp	20780
Ion Ratio	Lower	Upper	
101	100		
103	64.2	48.8	73.2

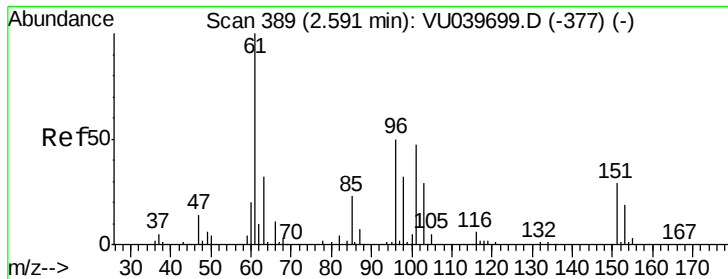


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.777 ug/l
 RT: 2.59 min Scan# 389
 Delta R.T. -0.00 min
 Lab File: VU039840.D
 Acq: 12 Aug 2020 12:29

Tgt Ion	101	Resp	12455
Ion Ratio	Lower	Upper	
101	100		
85	49.0	39.9	59.9
151	59.1	51.0	76.4





#9

1,1-Dichloroethene

Concen: 1.548 ug/l

RT: 2.59 min Scan# 389

Delta R.T. -0.00 min

Lab File: VU039840.D

Acq: 12 Aug 2020 12:29

Instrument :
MSVOA_U
ClientSampled :

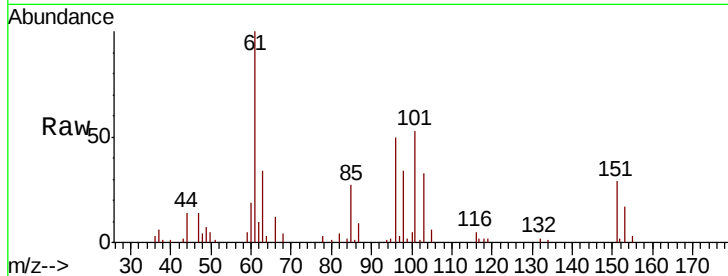
Tot Ion: 96 Resp: 9984

Ion Ratio Lower Upper

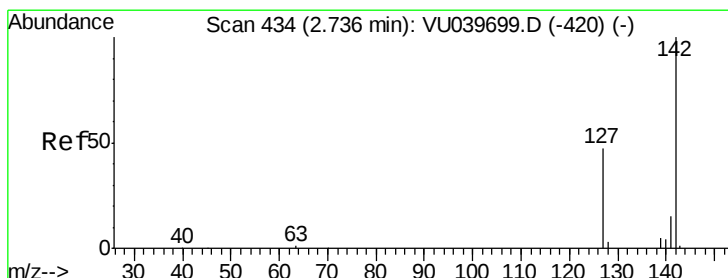
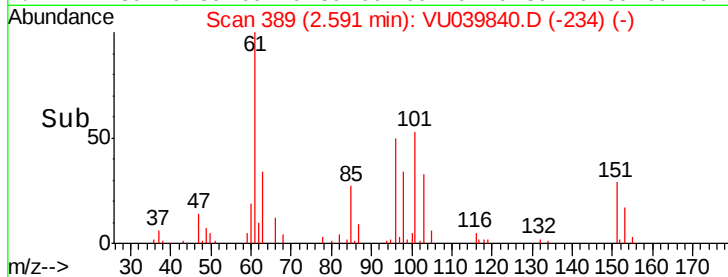
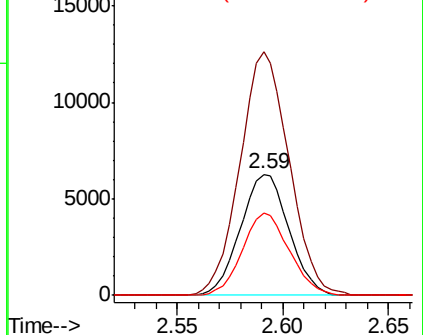
96 100

61 201.0 0.0 604.5

98 68.3 0.0 127.2



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



#10

Iodomethane

Concen: 0.669 ug/l

RT: 2.73 min Scan# 433

Delta R.T. -0.00 min

Lab File: VU039840.D

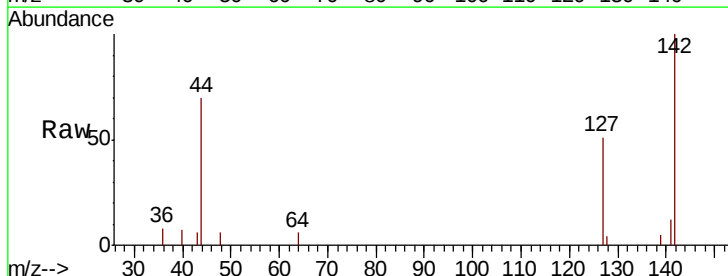
Acq: 12 Aug 2020 12:29

Tgt Ion: 142 Resp: 4350

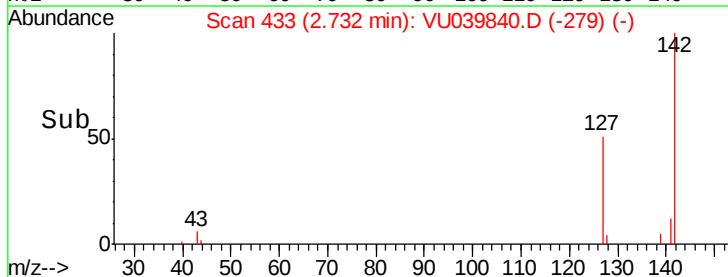
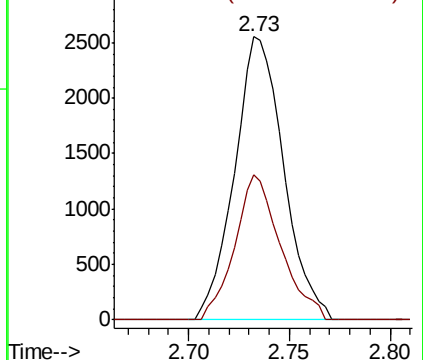
Ion Ratio Lower Upper

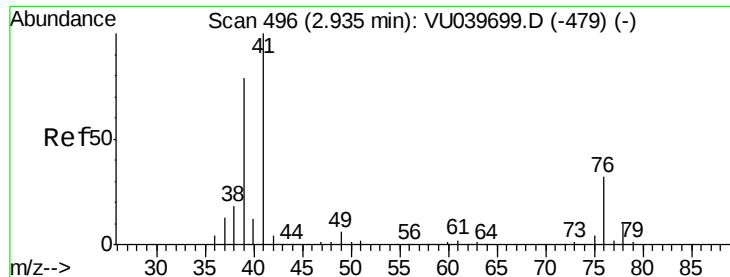
142 100

127 47.6 38.4 57.6



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

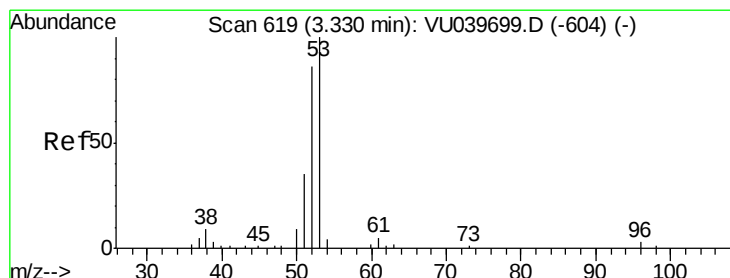
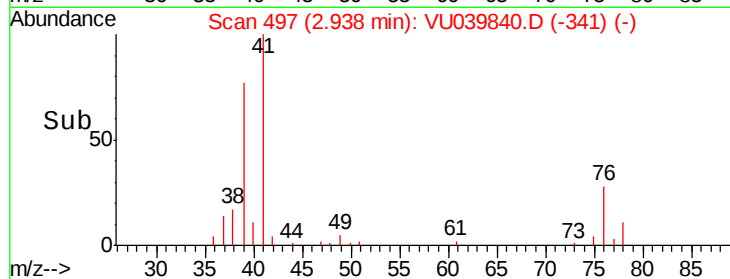
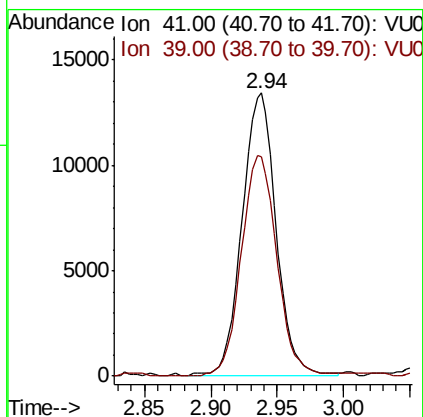
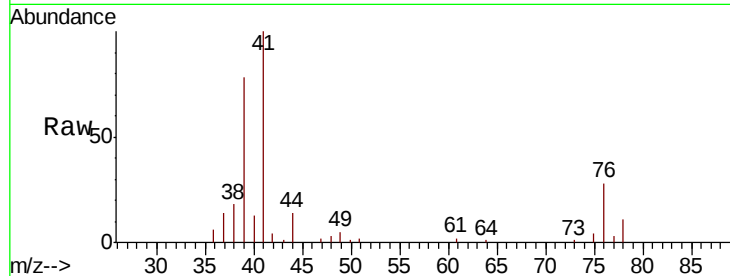




#11
Allvl Chloride
Concen: 1.729 ug/l
RT: 2.94 min Scan# 497
Delta R.T. 0.00 min
Lab File: VU039840.D
Acq: 12 Aug 2020 12:29

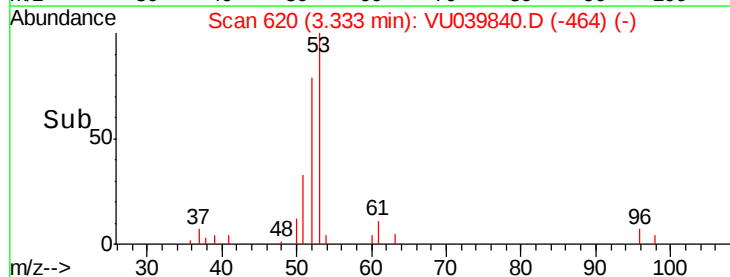
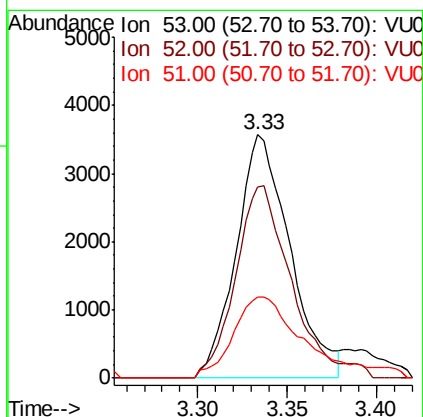
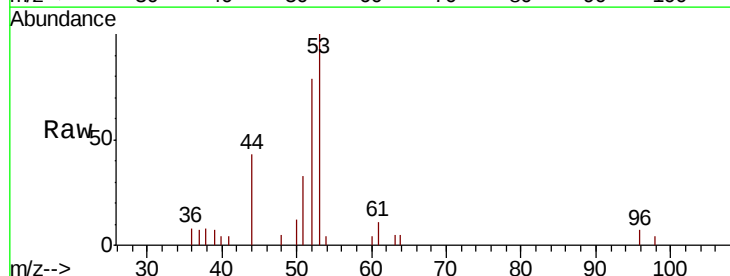
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 41 Resp: 24063
Ion Ratio Lower Upper
41 100
39 81.5 64.2 96.2



#12
Acrylonitrile
Concen: 3.313 ug/l
RT: 3.33 min Scan# 620
Delta R.T. 0.00 min
Lab File: VU039840.D
Acq: 12 Aug 2020 12:29

Tgt Ion: 53 Resp: 7500
Ion Ratio Lower Upper
53 100
52 82.1 69.1 103.7
51 44.9 29.4 44.2#

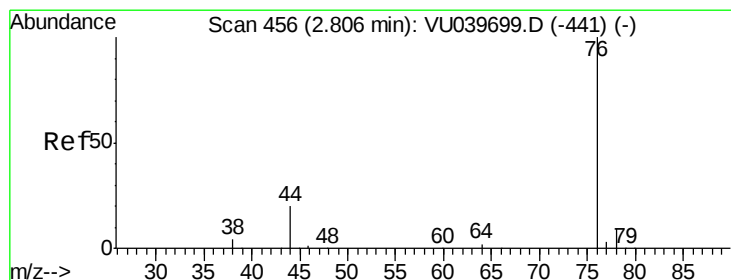
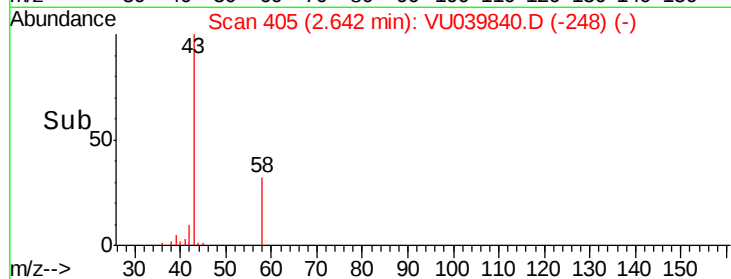
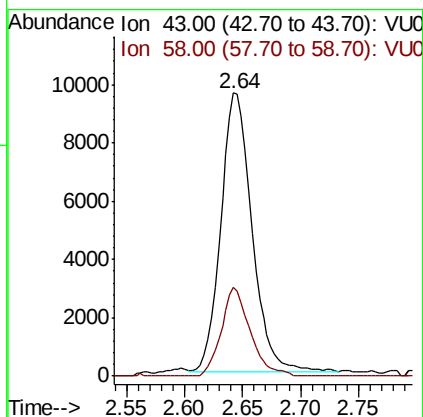
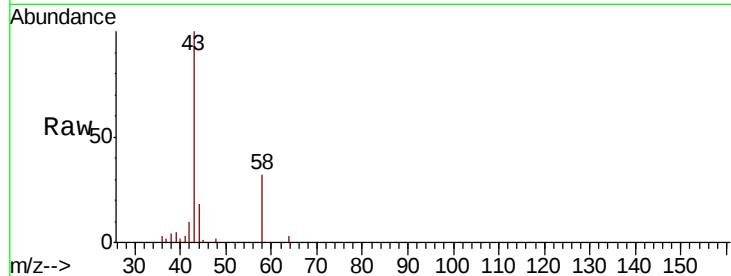




#13
Acetone
Concen: 8.363 ug/l
RT: 2.64 min Scan# 405
Delta R.T. 0.01 min
Lab File: VU039840.D
Acq: 12 Aug 2020 12:29

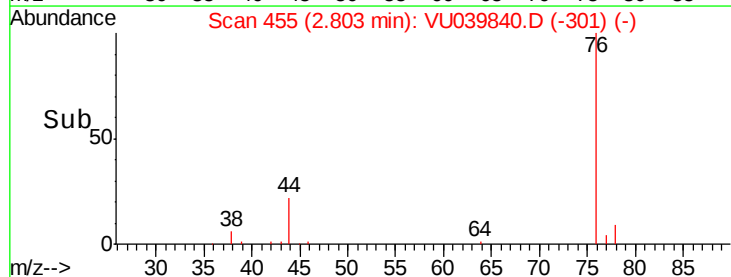
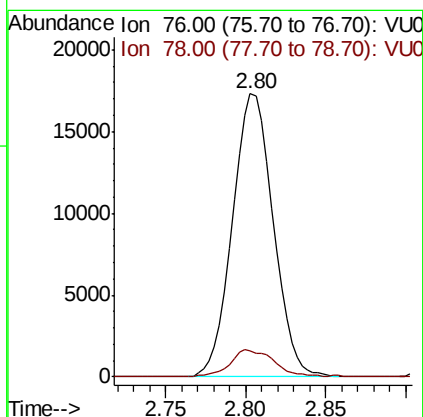
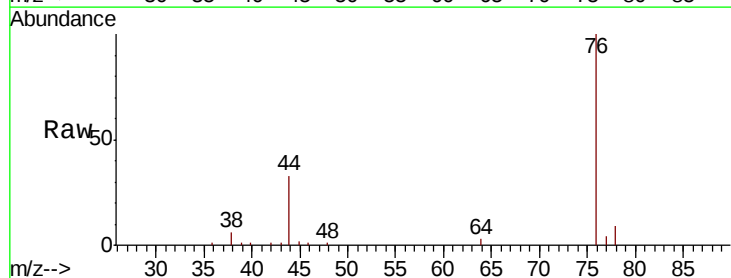
Instrument :
MSVOA_U
ClientSampled :

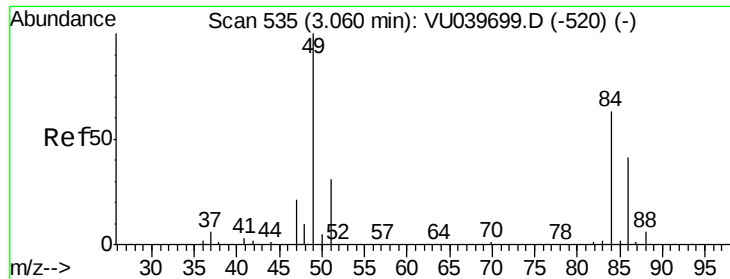
Tot Ion: 43 Resp: 17815
Ion Ratio Lower Upper
43 100
58 32.1 21.8 32.6



#14
Carbon Disulfide
Concen: 1.272 ug/l
RT: 2.80 min Scan# 455
Delta R.T. -0.00 min
Lab File: VU039840.D
Acq: 12 Aug 2020 12:29

Tgt Ion: 76 Resp: 30077
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.6

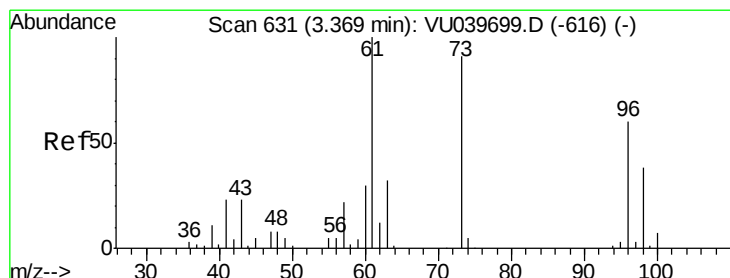
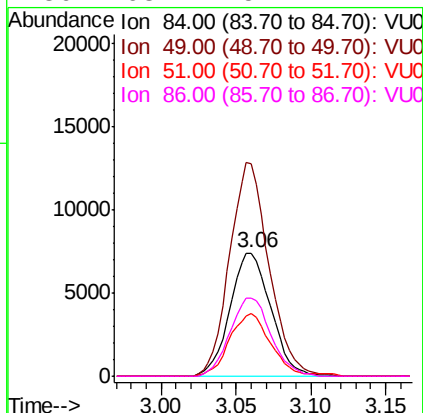
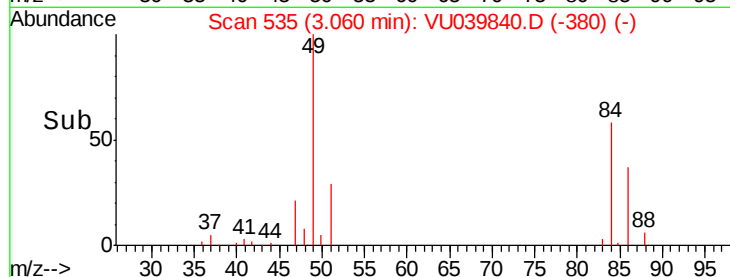
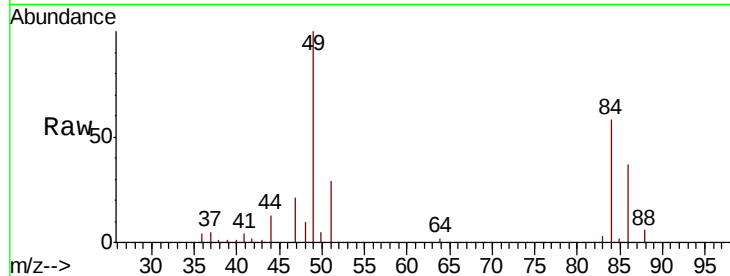




#15
Methvlene Chloride
Concen: 1.566 ug/l
RT: 3.06 min Scan# 535
Delta R.T. -0.00 min
Lab File: VU039840.D
Acq: 12 Aug 2020 12:29

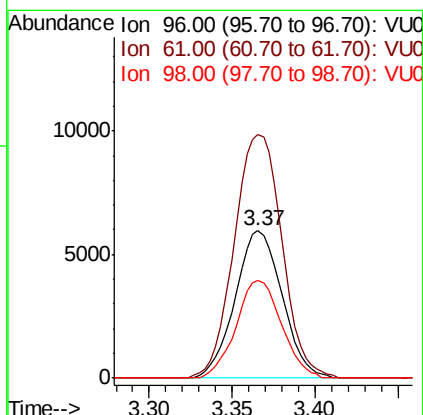
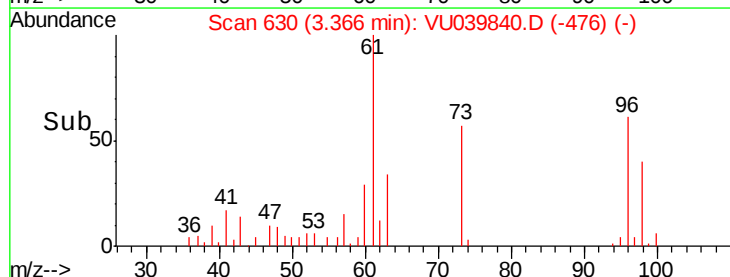
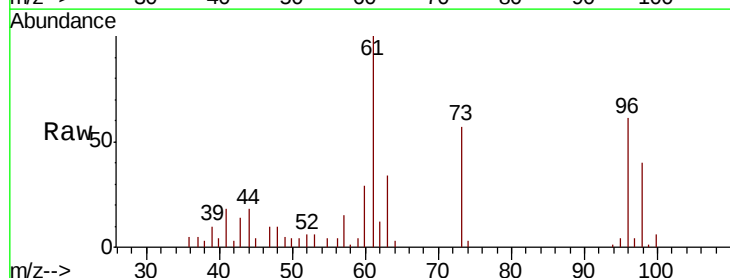
Instrument :
MSVOA_U
ClientSampleId :

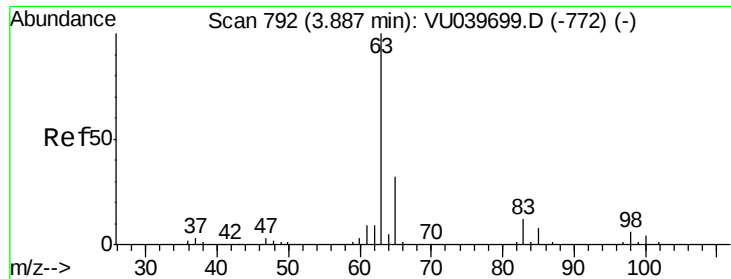
Tot Ion:	84	Resp:	14076
Ion	Ratio	Lower	Upper
84	100		
49	172.5	126.8	190.2
51	50.7	0.0	97.2
86	63.7	51.4	77.2



#16
trans-1,2-Dichloroethene
Concen: 1.608 ug/l
RT: 3.37 min Scan# 630
Delta R.T. -0.00 min
Lab File: VU039840.D
Acq: 12 Aug 2020 12:29

Tgt Ion:	96	Resp:	11789
Ion	Ratio	Lower	Upper
96	100		
61	165.1	132.6	199.0
98	66.6	50.2	75.2

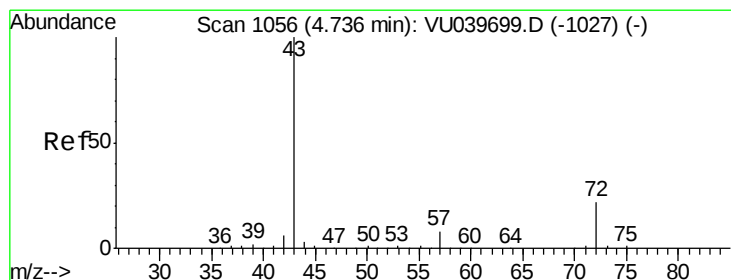
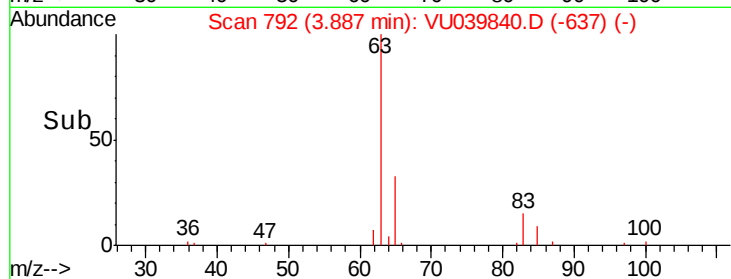
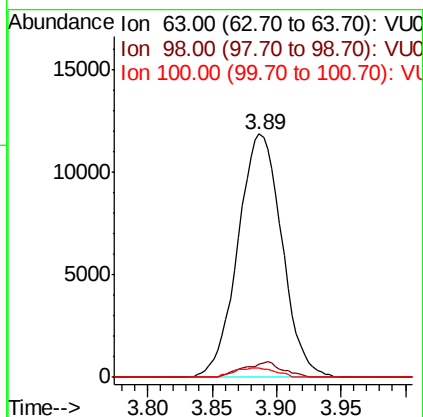
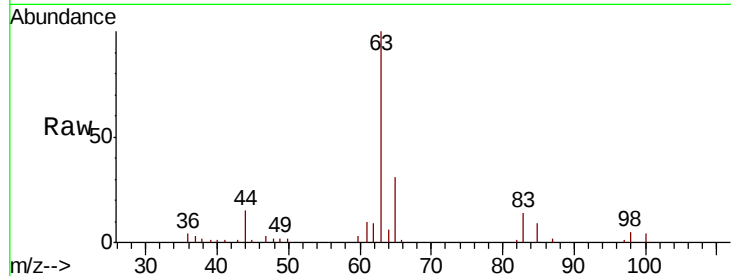




#17
 1,1-Dichloroethane
 Concen: 1.749 ug/l
 RT: 3.89 min Scan# 792
 Delta R.T. -0.00 min
 Lab File: VU039840.D
 Acq: 12 Aug 2020 12:29

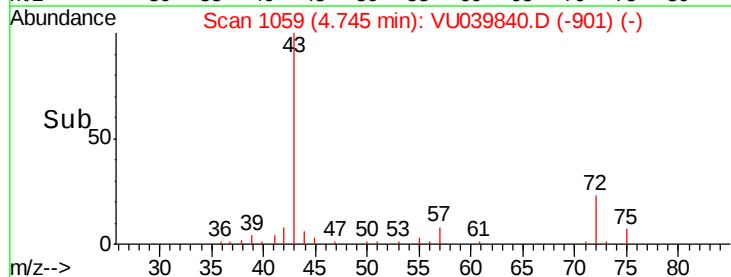
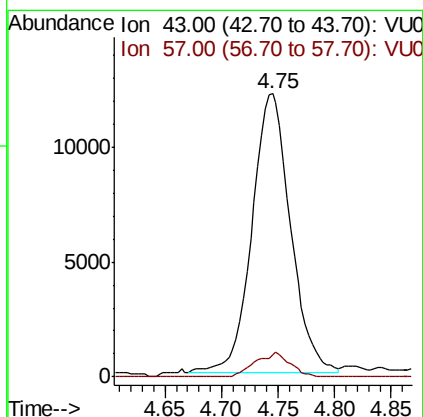
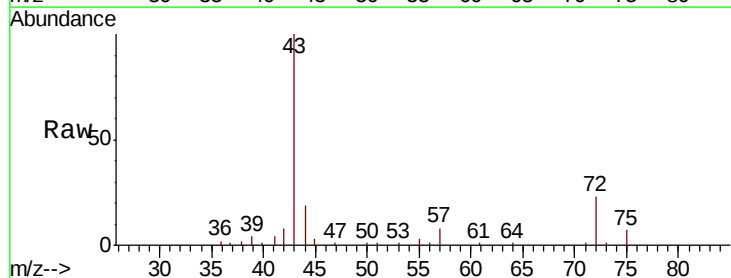
Instrument :
 MSVOA_U
 ClientSampleId :

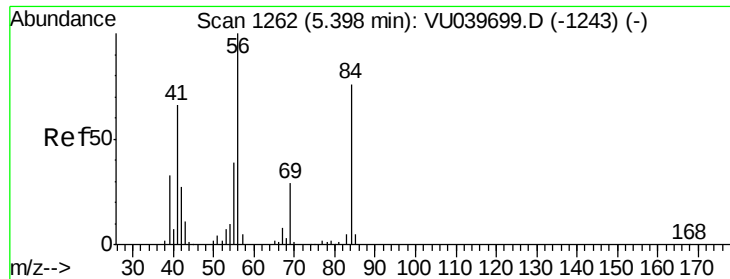
Tot Ion: 63 Resp: 28170
 Ion Ratio Lower Upper
 63 100
 98 5.3 2.9 8.7
 100 3.6 2.0 6.0



#18
 2-Butanone
 Concen: 8.007 ug/l
 RT: 4.75 min Scan# 1059
 Delta R.T. 0.01 min
 Lab File: VU039840.D
 Acq: 12 Aug 2020 12:29

Tgt Ion: 43 Resp: 28682
 Ion Ratio Lower Upper
 43 100
 57 8.0 0.0 15.2

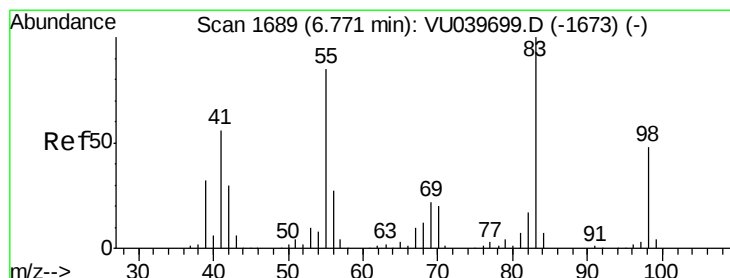
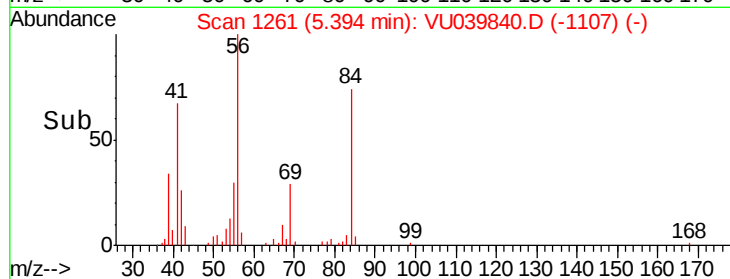
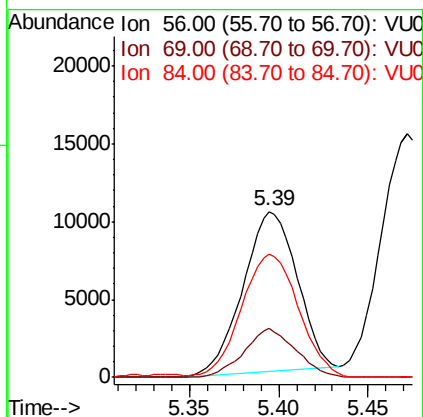
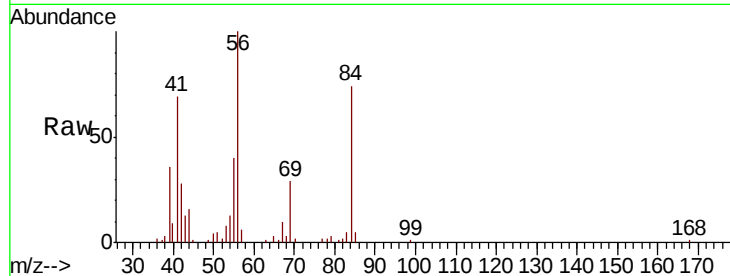




#19
Cyclohexane
Concen: 1.393 ug/l
RT: 5.39 min Scan# 1261
Delta R.T. -0.00 min
Lab File: VU039840.D
Acq: 12 Aug 2020 12:29

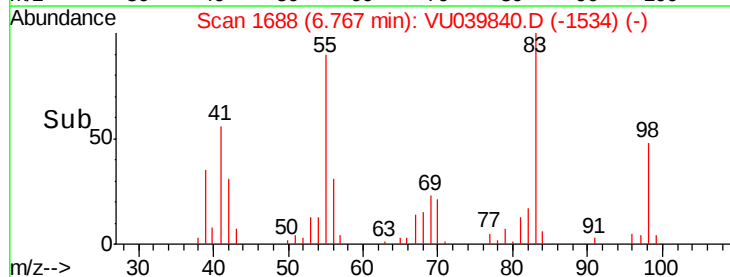
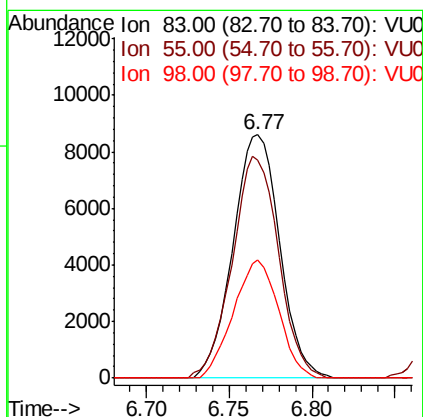
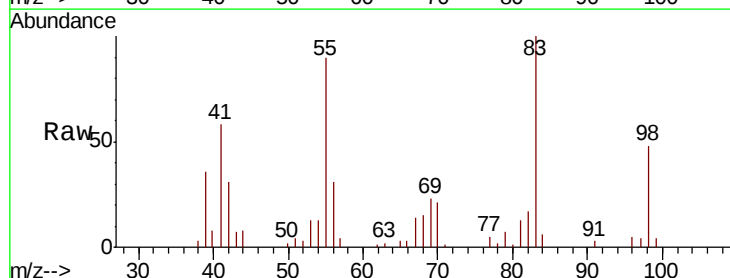
Instrument :
MSVOA_U
ClientSampled :

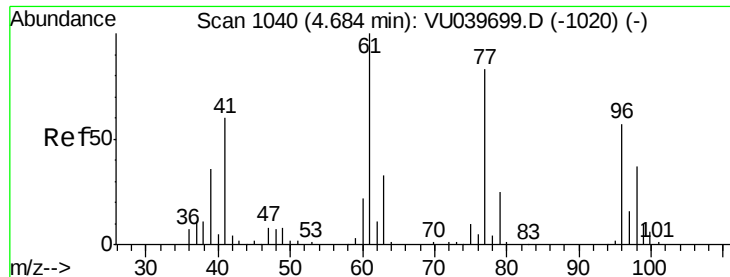
Tot Ion: 56 Resp: 21717
Ion Ratio Lower Upper
56 100
69 29.3 22.8 34.2
84 79.8 59.9 89.9



#20
Methylcyclohexane
Concen: 1.461 ug/l
RT: 6.77 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VU039840.D
Acq: 12 Aug 2020 12:29

Tgt Ion: 83 Resp: 16876
Ion Ratio Lower Upper
83 100
55 90.1 67.6 101.4
98 46.8 37.3 55.9

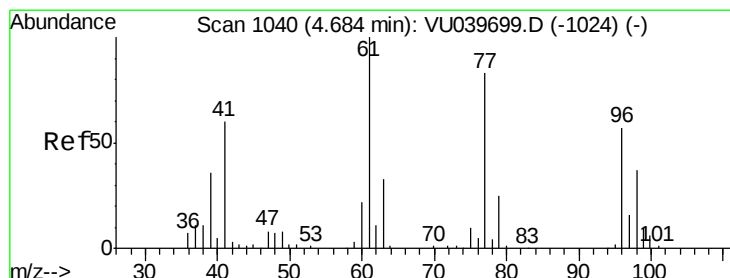
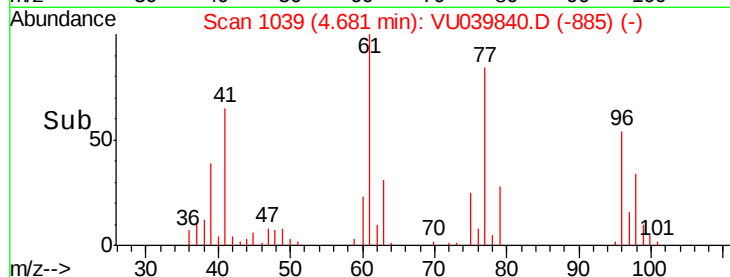
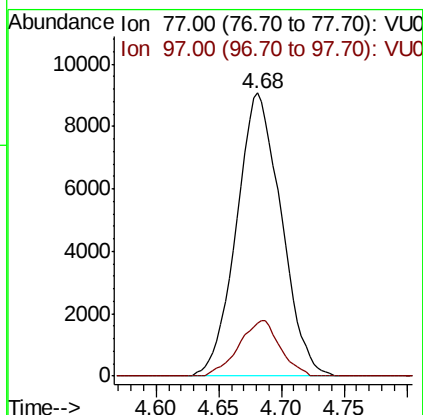
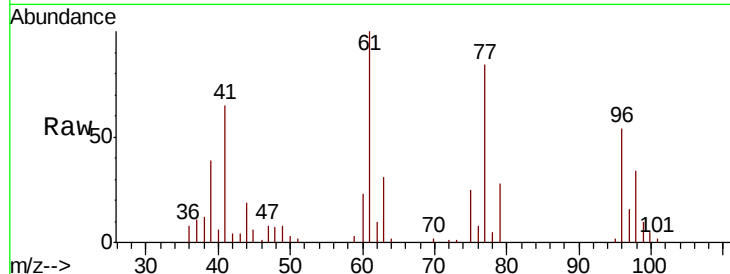




#21
 2,2-Dichloropropane
 Concen: 1.712 ug/l
 RT: 4.68 min Scan# 1039
 Delta R.T. -0.00 min
 Lab File: VU039840.D
 Acq: 12 Aug 2020 12:29

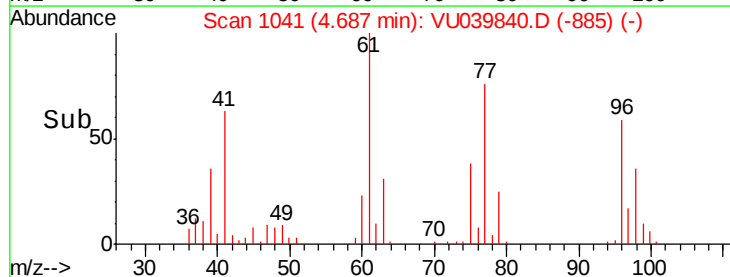
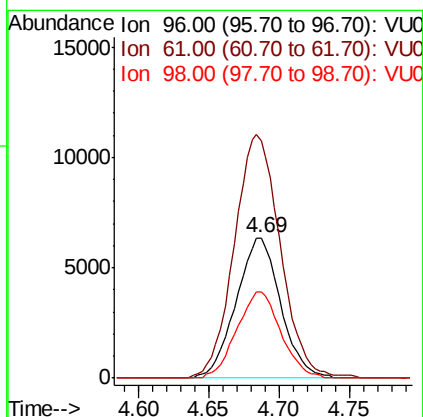
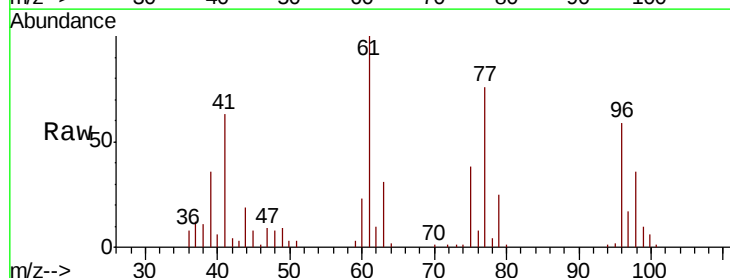
Instrument :
 MSVOA_U
 ClientSampleId :

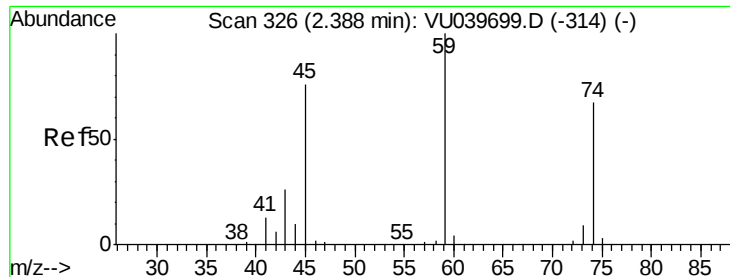
Tot Ion: 77 Resp: 22493
 Ion Ratio Lower Upper
 77 100
 97 18.0 15.2 22.8



#22
 cis-1,2-Dichloroethene
 Concen: 1.771 ug/l
 RT: 4.69 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: VU039840.D
 Acq: 12 Aug 2020 12:29

Tgt Ion: 96 Resp: 13998
 Ion Ratio Lower Upper
 96 100
 61 180.1 0.0 451.3
 98 60.8 32.6 98.0

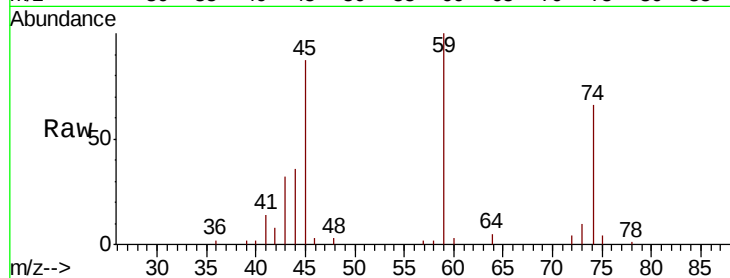




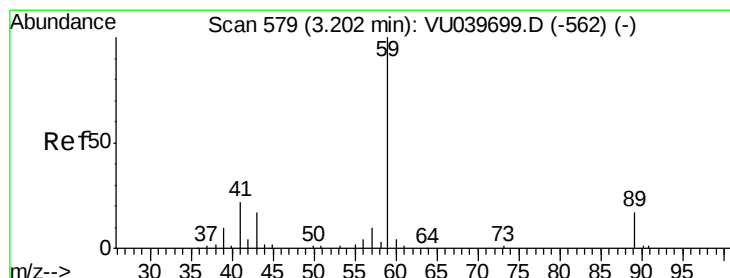
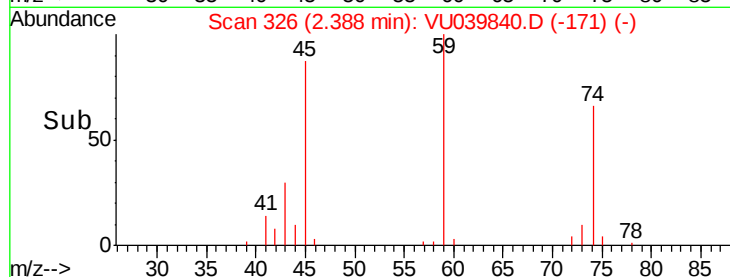
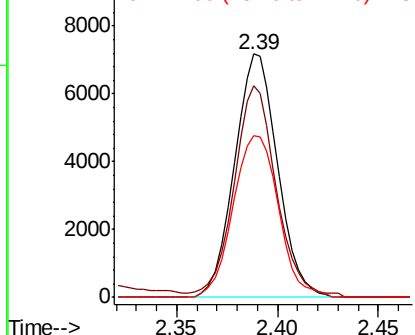
#23
Diethyl Ether
Concen: 1.630 ug/l
RT: 2.39 min Scan# 326
Delta R.T. -0.00 min
Lab File: VU039840.D
Acq: 12 Aug 2020 12:29

Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 59 Resp: 10746
Ion Ratio Lower Upper
59 100
45 85.6 61.5 92.3
74 69.8 54.3 81.5

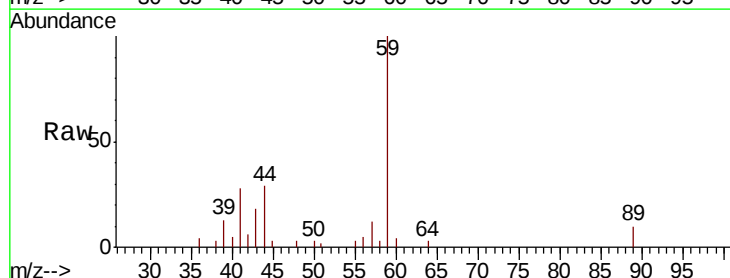


Abundance Ion 59.00 (58.70 to 59.70): VU0
Ion 45.00 (44.70 to 45.70): VU0
Ion 74.00 (73.70 to 74.70): VU0

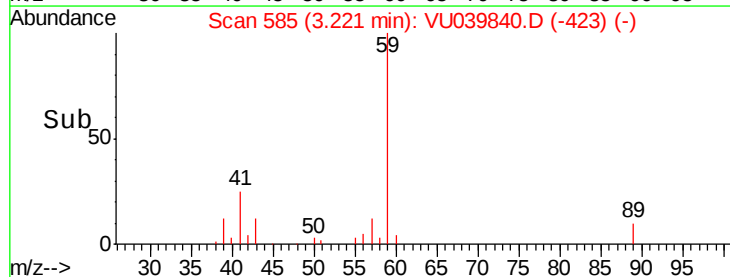
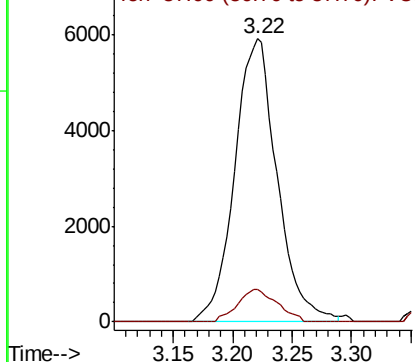


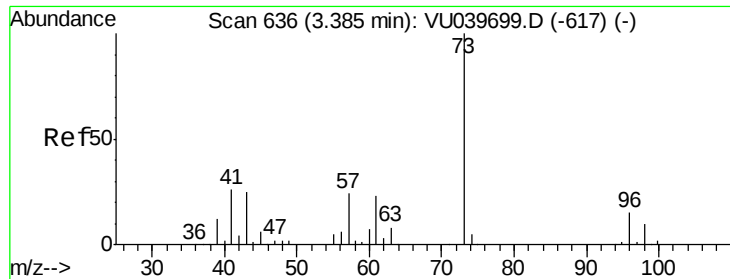
#24
tert-Butyl Alcohol
Concen: 11.223 ug/l
RT: 3.22 min Scan# 585
Delta R.T. 0.02 min
Lab File: VU039840.D
Acq: 12 Aug 2020 12:29

Tgt Ion: 59 Resp: 14621
Ion Ratio Lower Upper
59 100
57 10.9 7.8 11.6



Abundance Ion 59.00 (58.70 to 59.70): VU0
Ion 57.00 (56.70 to 57.70): VU0



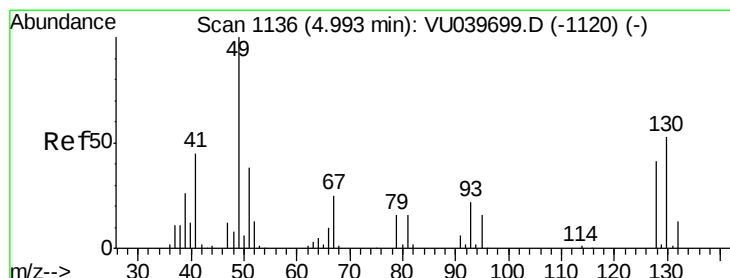
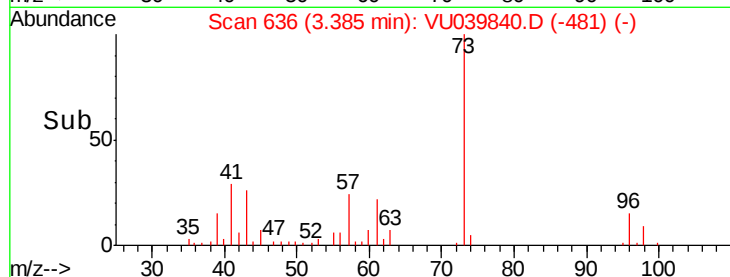
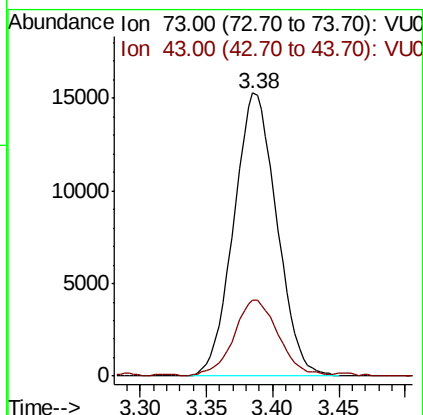
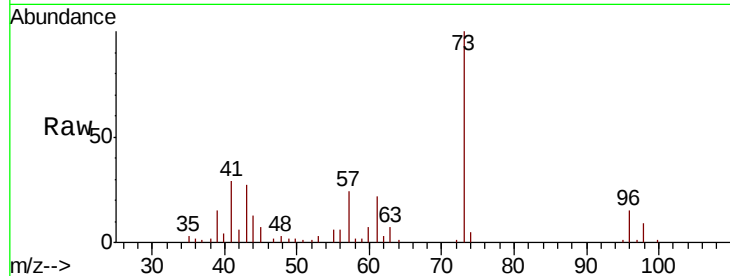


#25

Methyl tert-Butyl Ether
 Concen: 1.640 ug/l
 RT: 3.38 min Scan# 636
 Delta R.T. -0.00 min
 Lab File: VU039840.D
 Acq: 12 Aug 2020 12:29

Instrument :
 MSVOA_U
 ClientSampleId :

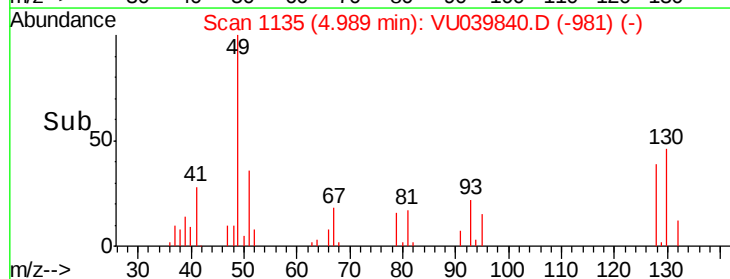
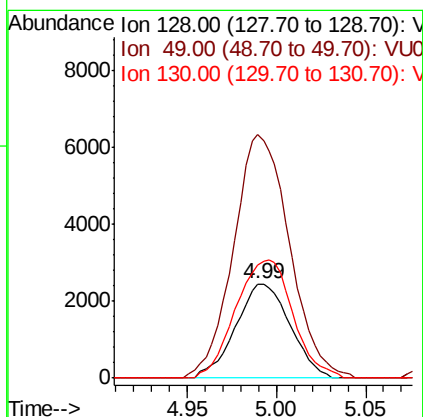
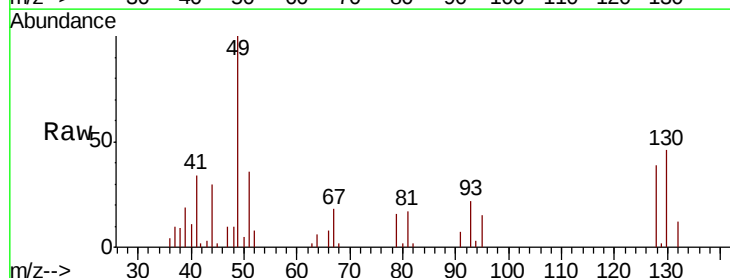
Tot Ion: 73 Resp: 34510
 Ion Ratio Lower Upper
 73 100
 43 28.0 20.1 30.1

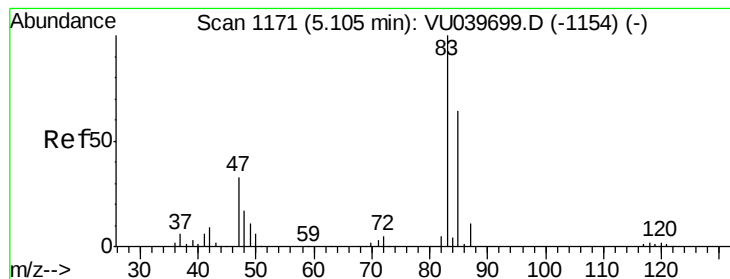


#26

Bromochloromethane
 Concen: 1.611 ug/l
 RT: 4.99 min Scan# 1135
 Delta R.T. -0.00 min
 Lab File: VU039840.D
 Acq: 12 Aug 2020 12:29

Tgt Ion: 128 Resp: 5211
 Ion Ratio Lower Upper
 128 100
 49 266.1 0.0 503.8
 130 131.2 102.7 154.1





#27

Chloroform

Concen: 1.766 ug/l

RT: 5.11 min Scan# 1171

Delta R.T. -0.00 min

Lab File: VU039840.D

Acq: 12 Aug 2020 12:29

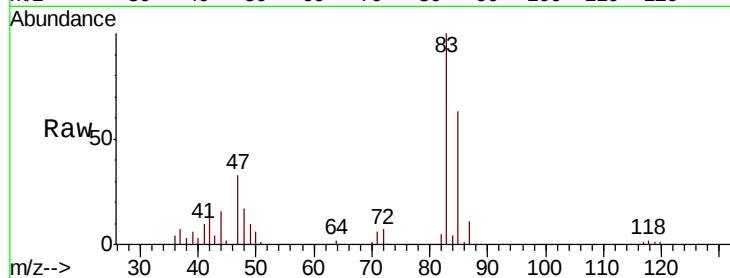
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 83 Resp: 26619

Ion Ratio Lower Upper

83 100

85 63.2 0.0 128.8



Abundance Ion 83.00 (82.70 to 83.70): VU039699.D (-1154) (-)

Ion 85.00 (84.70 to 85.70): VU039699.D (-1154) (-)

5.11

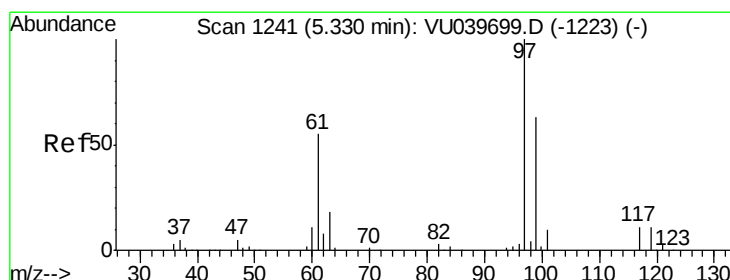
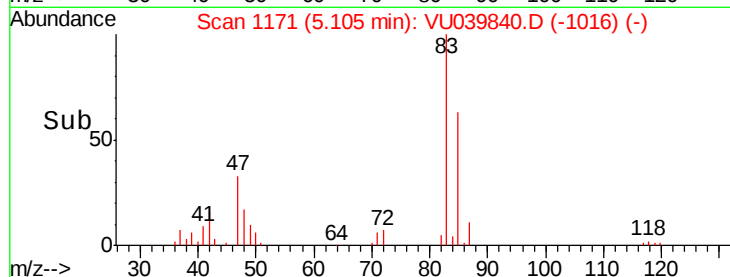
10000

5000

0

Time-->

5.05 5.10 5.15 5.20



#28

1,1,1-Trichloroethane

Concen: 1.672 ug/l

RT: 5.33 min Scan# 1241

Delta R.T. -0.00 min

Lab File: VU039840.D

Acq: 12 Aug 2020 12:29

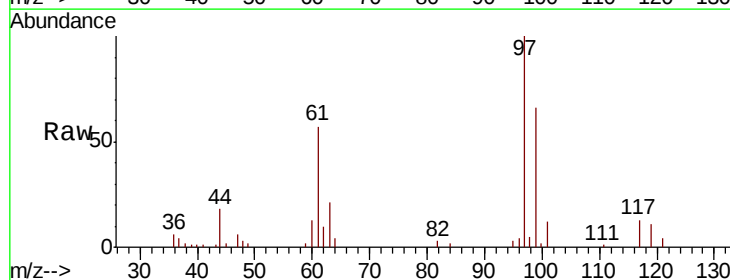
Tgt Ion: 97 Resp: 20384

Ion Ratio Lower Upper

97 100

99 64.1 32.2 96.6

61 58.2 28.3 85.0



Abundance Ion 97.00 (96.70 to 97.70): VU039699.D (-1223) (-)

Ion 99.00 (98.70 to 99.70): VU039699.D (-1223) (-)

Ion 61.00 (60.70 to 61.70): VU039699.D (-1223) (-)

5.33

12000

10000

8000

6000

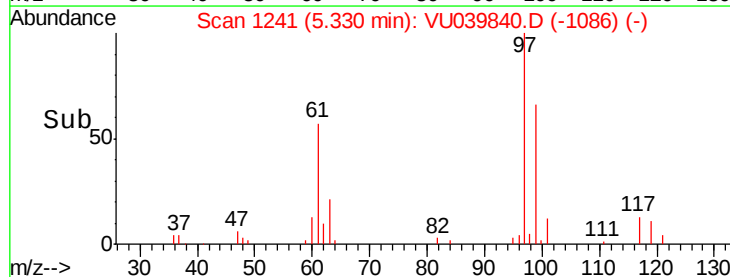
4000

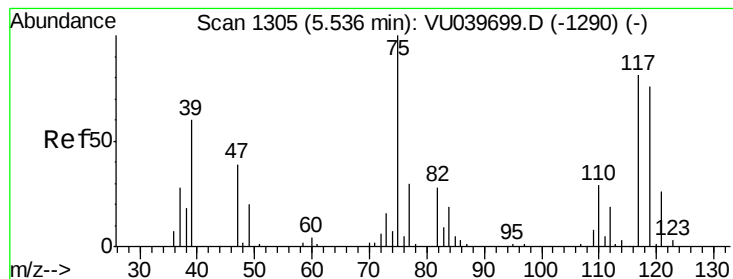
2000

0

Time-->

5.25 5.30 5.35 5.40





#29

1,1-Dichloropropene

Concen: 1.673 ug/l

RT: 5.54 min Scan# 1305

Delta R.T. -0.00 min

Lab File: VU039840.D

Acq: 12 Aug 2020 12:29

Instrument :
MSVOA_U
ClientSampled :

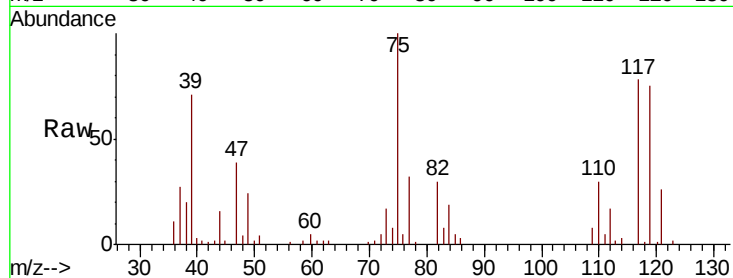
Tot Ion: 75 Resp: 19640

Ion Ratio Lower Upper

75 100

110 29.8 14.6 44.0

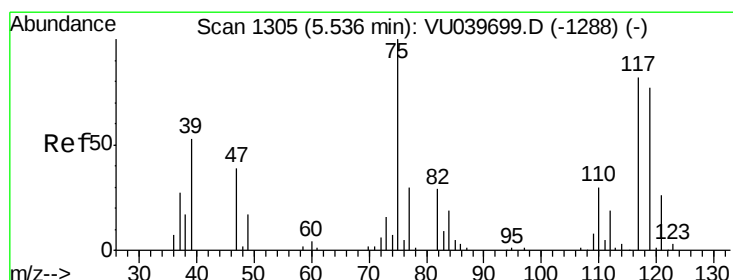
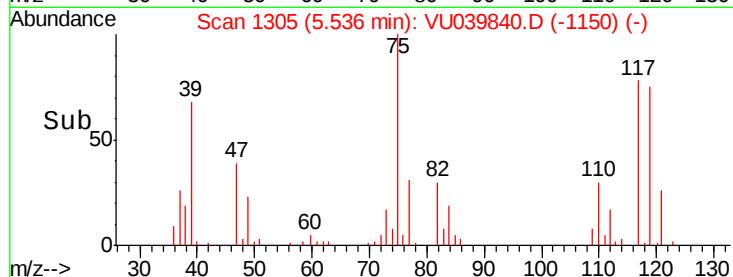
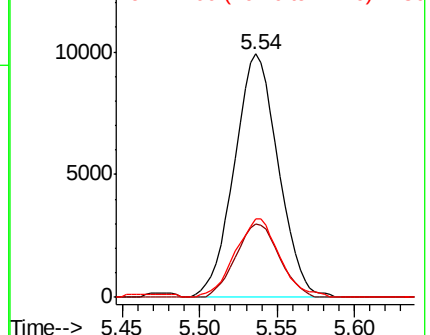
77 32.6 25.0 37.4



Abundance Ion 75.00 (74.70 to 75.70): VU039699.D (-1290) (-)

Ion 110.00 (109.70 to 110.70): VU039699.D (-1290) (-)

Ion 77.00 (76.70 to 77.70): VU039699.D (-1290) (-)



#30

Carbon Tetrachloride

Concen: 1.663 ug/l

RT: 5.53 min Scan# 1304

Delta R.T. -0.00 min

Lab File: VU039840.D

Acq: 12 Aug 2020 12:29

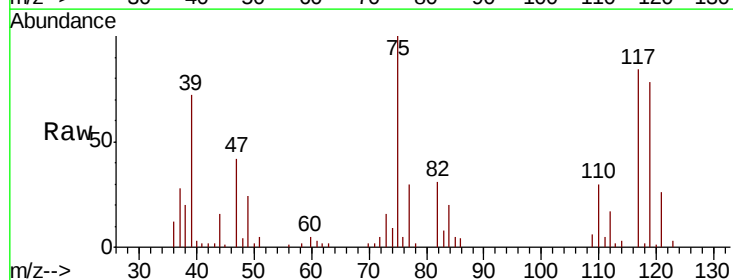
Tgt Ion: 117 Resp: 16577

Ion Ratio Lower Upper

117 100

119 92.4 75.2 112.8

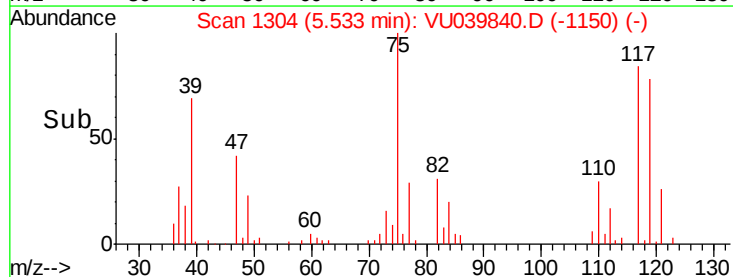
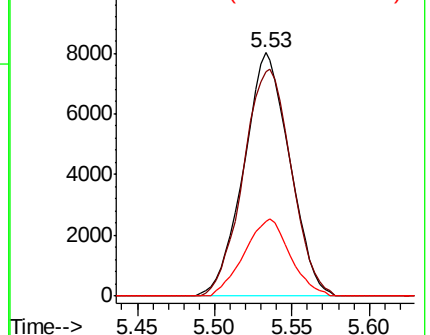
121 30.6 25.4 38.2

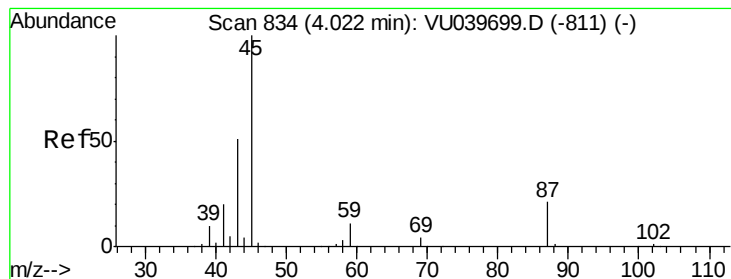


Abundance Ion 117.00 (116.70 to 117.70): VU039699.D (-1288) (-)

Ion 119.00 (118.70 to 119.70): VU039699.D (-1288) (-)

Ion 121.00 (120.70 to 121.70): VU039699.D (-1288) (-)





#31

Isopropyl Ether

Concen: 1.754 ug/l

RT: 4.02 min Scan# 834

Delta R.T. -0.00 min

Lab File: VU039840.D

Acq: 12 Aug 2020 12:29

Instrument :

MSVOA_U

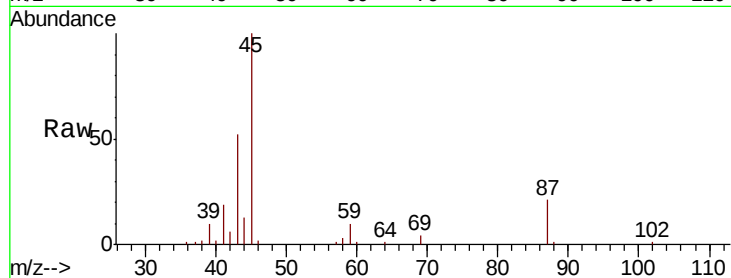
ClientSampled :

Tot Ion: 45 Resp: 51509

Ion Ratio Lower Upper

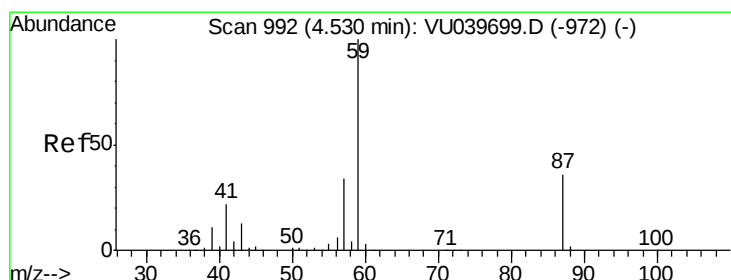
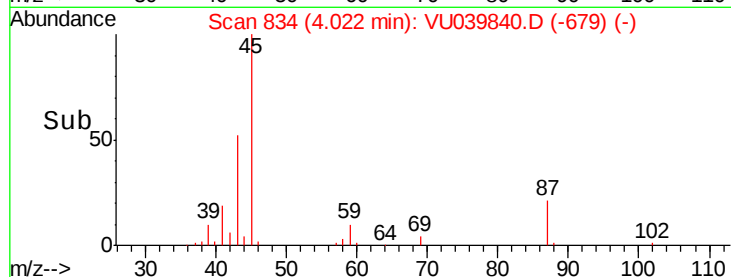
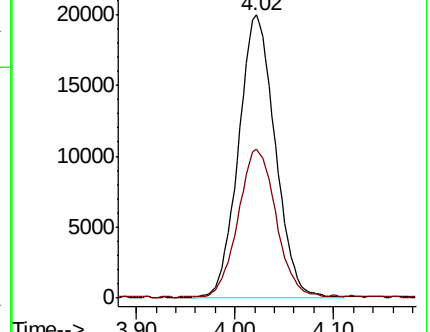
45 100

43 52.9 26.5 79.4



Abundance Ion 45.00 (44.70 to 45.70): VU039699.D (-811) (-)

Ion 43.00 (42.70 to 43.70): VU039699.D (-811) (-)



#32

Ethyl-t-butyl ether

Concen: 1.659 ug/l

RT: 4.53 min Scan# 993

Delta R.T. 0.00 min

Lab File: VU039840.D

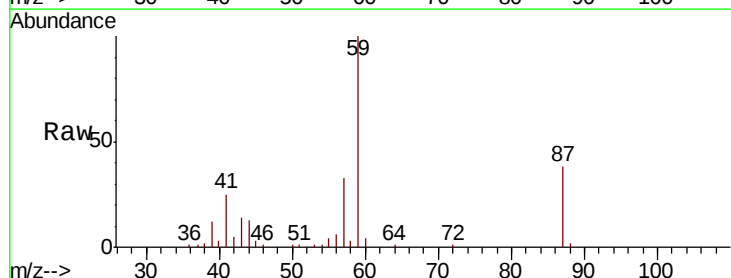
Acq: 12 Aug 2020 12:29

Tgt Ion: 59 Resp: 41475

Ion Ratio Lower Upper

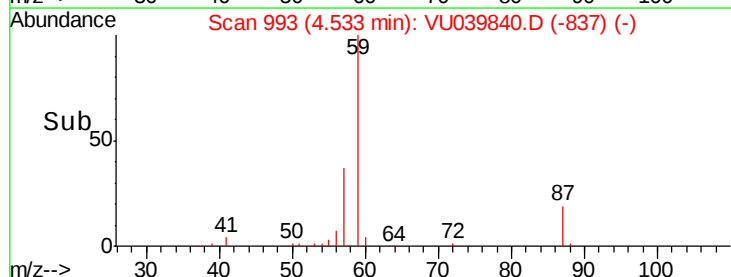
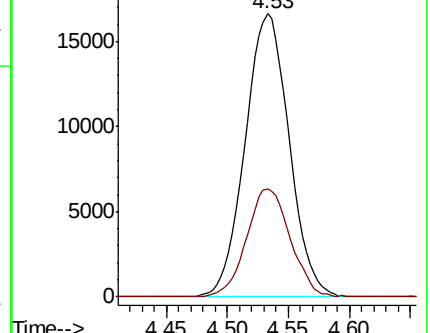
59 100

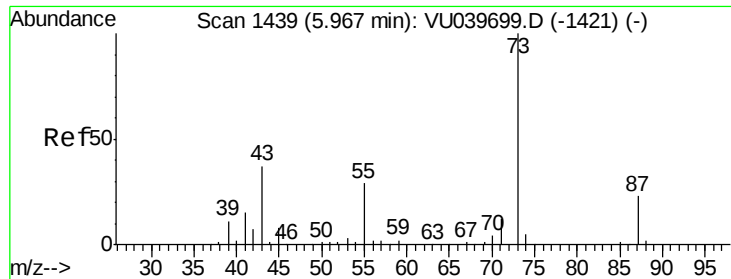
87 37.8 29.4 44.0



Abundance Ion 59.00 (58.70 to 59.70): VU039699.D (-972) (-)

Ion 87.00 (86.70 to 87.70): VU039699.D (-972) (-)

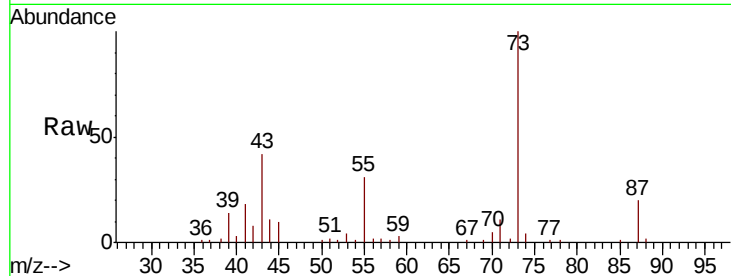




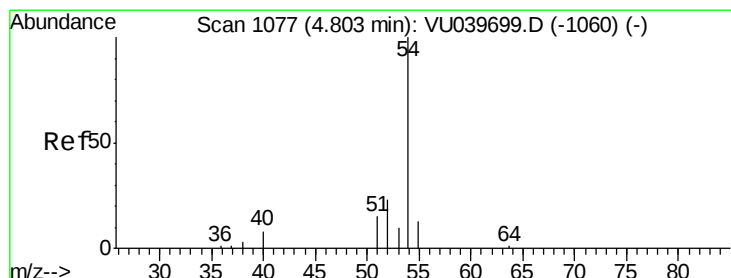
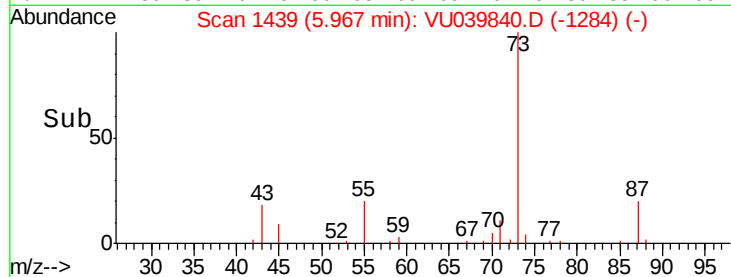
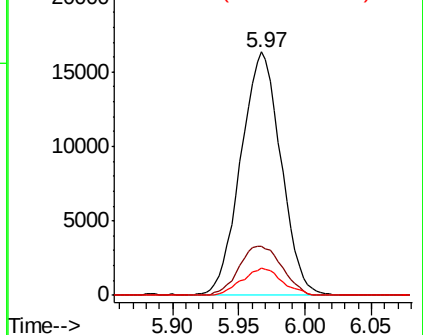
#33
Tert-Butyl methyl ether
Concen: 1.913 ug/l
RT: 5.97 min Scan# 1439
Delta R.T. -0.00 min
Lab File: VU039840.D
Acq: 12 Aug 2020 12:29

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 73 Resp: 34477
Ion Ratio Lower Upper
73 100
87 21.5 18.7 28.1
71 11.0 9.1 13.7

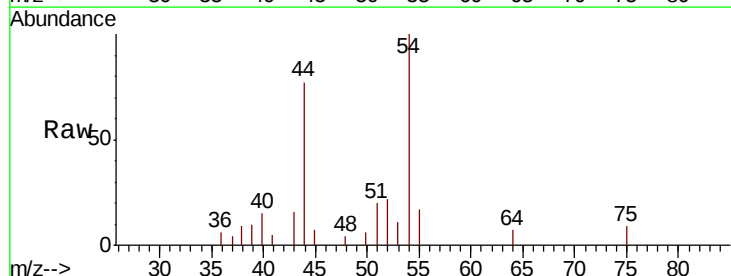


Abundance Ion 73.00 (72.70 to 73.70): VU0
Ion 87.00 (86.70 to 87.70): VU0
Ion 71.00 (70.70 to 71.70): VU0

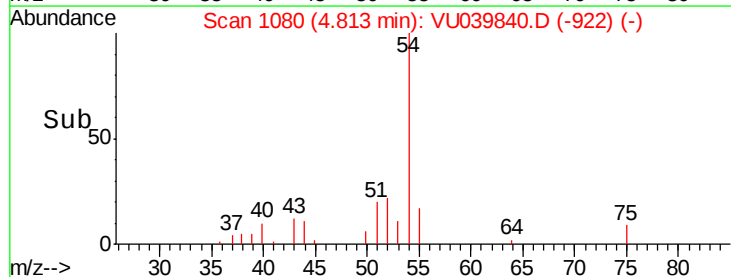
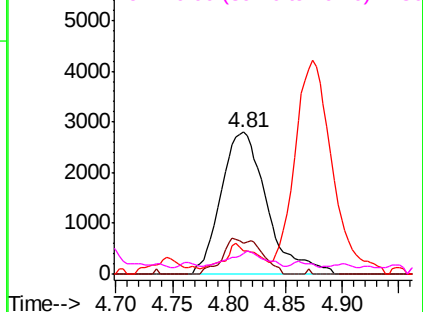


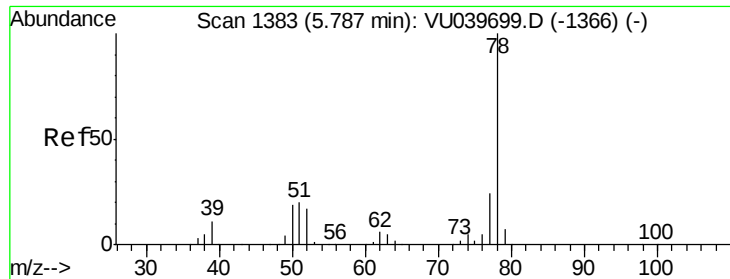
#34
Propionitrile
Concen: 8.909 ug/l
RT: 4.81 min Scan# 1080
Delta R.T. 0.01 min
Lab File: VU039840.D
Acq: 12 Aug 2020 12:29

Tgt Ion: 54 Resp: 7873
Ion Ratio Lower Upper
54 100
52 11.6 16.9 25.3#
55 15.9 12.9 19.3
40 8.5 6.2 9.2



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: 1.838 ug/l

RT: 5.79 min Scan# 1383

Delta R.T. -0.00 min

Lab File: VU039840.D

Acq: 12 Aug 2020 12:29

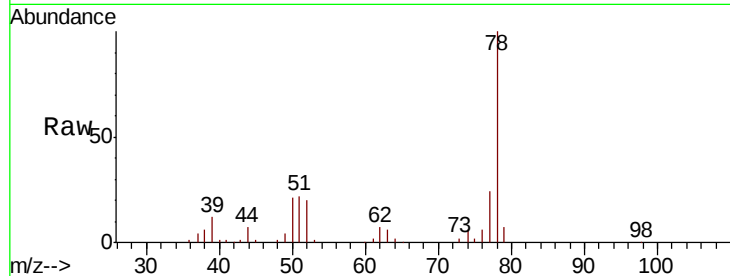
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 78 Resp: 53374

Ion Ratio Lower Upper

78 100

77 24.3 19.2 28.8

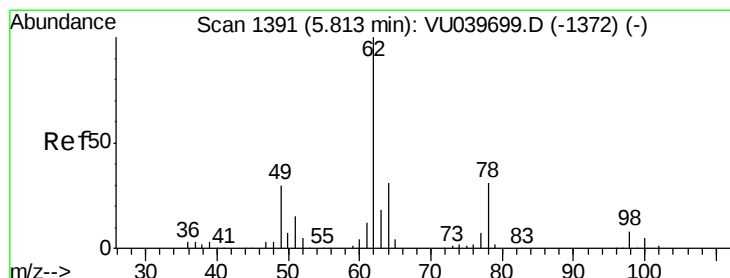
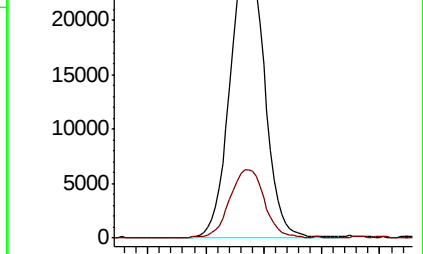
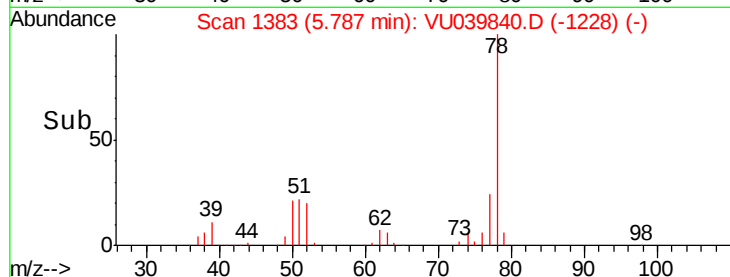


Abundance Ion 78.10 (77.80 to 78.80): VU039699.D (-1366) (-)

Ion 77.00 (76.70 to 77.70): VU039840.D (-1228) (-)

5.79

Time-->



#36

1,2-Dichloroethane

Concen: 1.870 ug/l

RT: 5.81 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VU039840.D

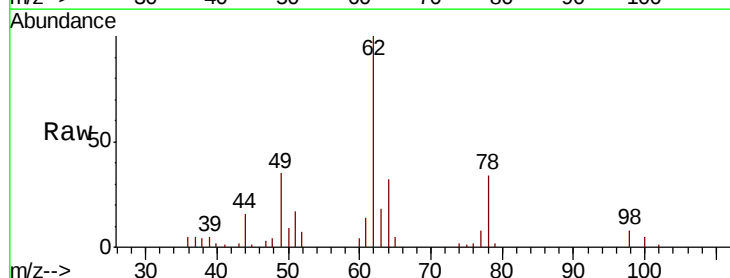
Acq: 12 Aug 2020 12:29

Tgt Ion: 62 Resp: 20366

Ion Ratio Lower Upper

62 100

98 7.4 6.2 9.2

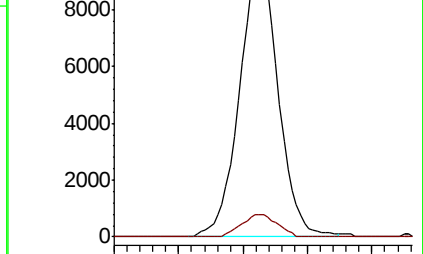
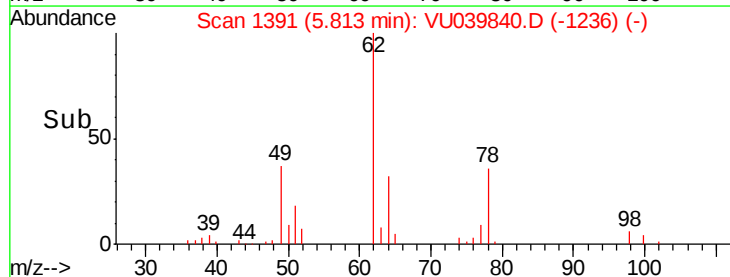


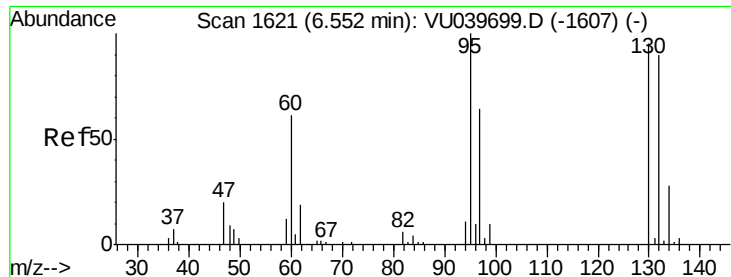
Abundance Ion 62.00 (61.70 to 62.70): VU039699.D (-1372) (-)

Ion 98.00 (97.70 to 98.70): VU039840.D (-1236) (-)

5.81

Time-->

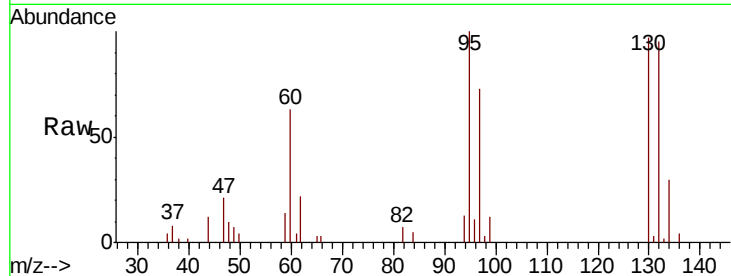




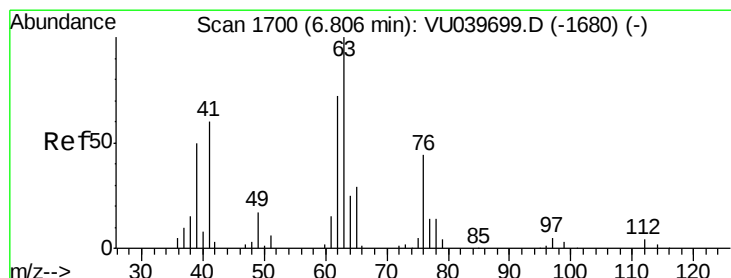
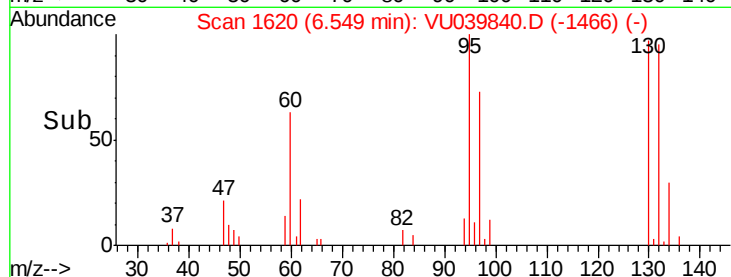
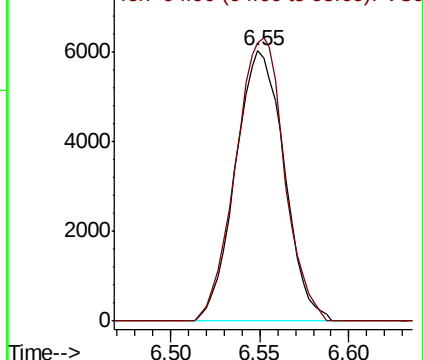
#37
 Trichloroethene
 Concen: 1.725 ug/l
 RT: 6.55 min Scan# 1620
 Delta R.T. -0.00 min
 Lab File: VU039840.D
 Acq: 12 Aug 2020 12:29

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion:130 Resp: 11466
 Ion Ratio Lower Upper
 130 100
 95 102.9 84.3 126.5

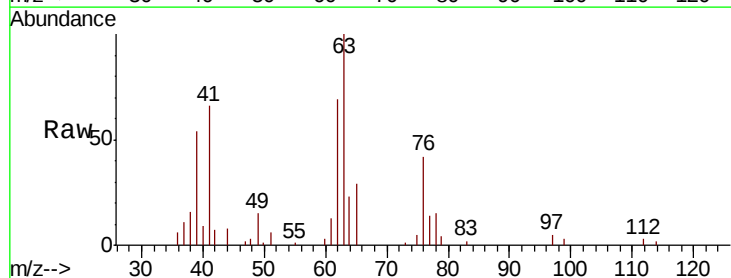


Abundance Ion 129.90 (129.60 to 130.60): VU039699.D (-1607) (-)
 Ion 94.90 (94.60 to 95.60): VU039699.D (-1607) (-)

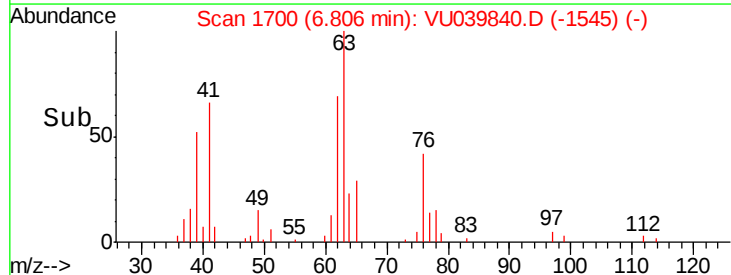
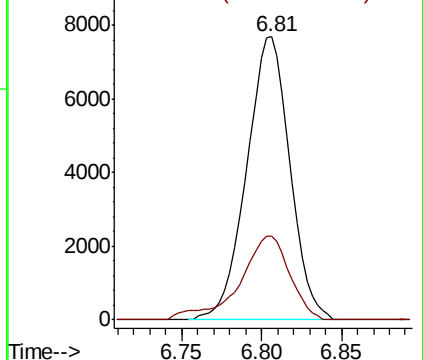


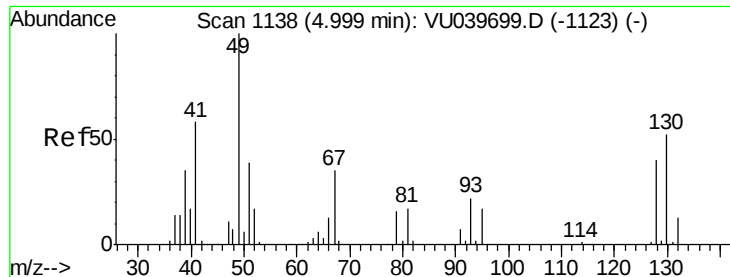
#38
 1,2-Dichloropropane
 Concen: 1.779 ug/l
 RT: 6.81 min Scan# 1700
 Delta R.T. -0.00 min
 Lab File: VU039840.D
 Acq: 12 Aug 2020 12:29

Tgt Ion: 63 Resp: 14241
 Ion Ratio Lower Upper
 63 100
 65 29.4 23.8 35.6



Abundance Ion 63.00 (62.70 to 63.70): VU039699.D (-1680) (-)
 Ion 65.00 (64.70 to 65.70): VU039699.D (-1680) (-)

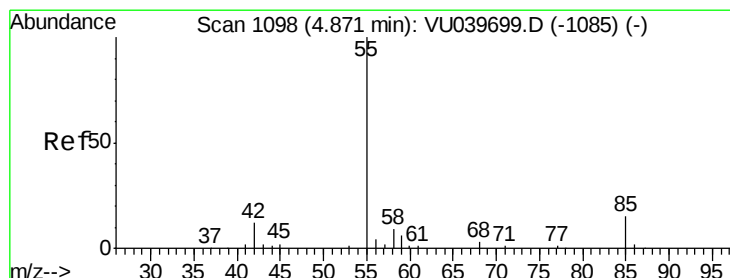
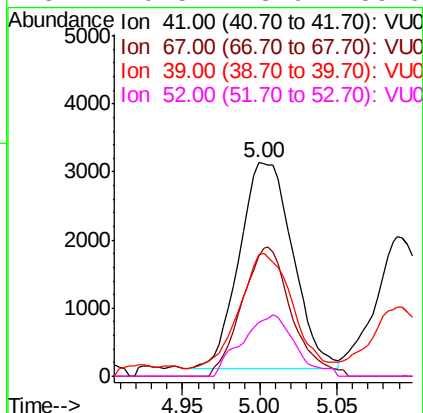
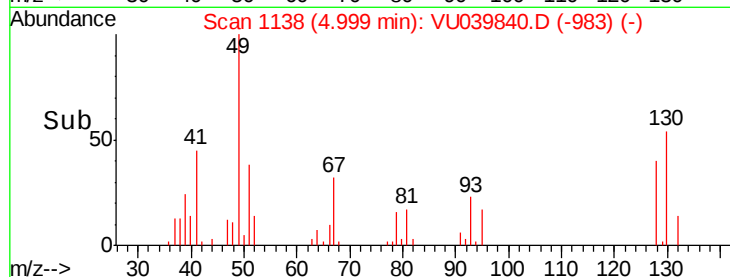
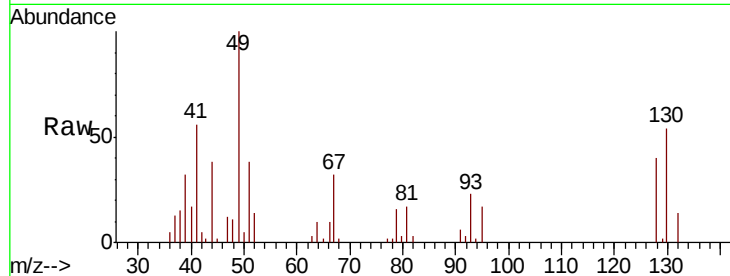




#39
Methacrylonitrile
Concen: 1.553 ug/l
RT: 5.00 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VU039840.D
Acq: 12 Aug 2020 12:29

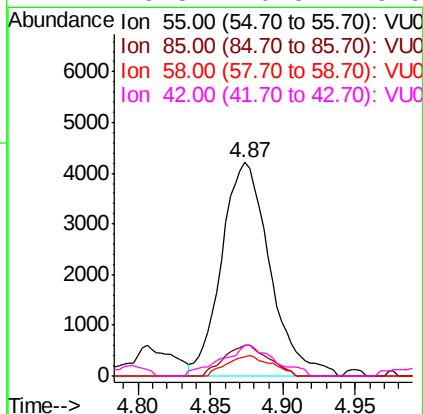
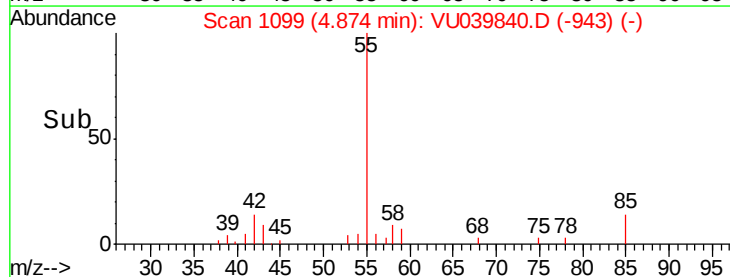
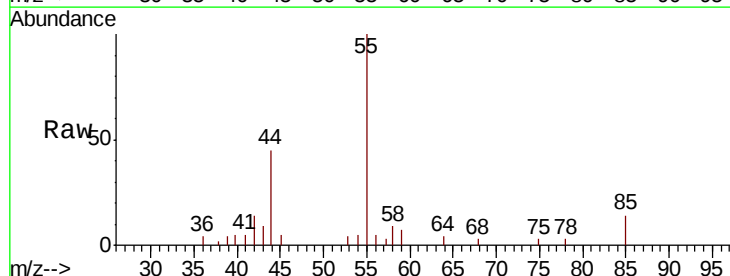
Instrument :
MSVOA_U
ClientSampled :

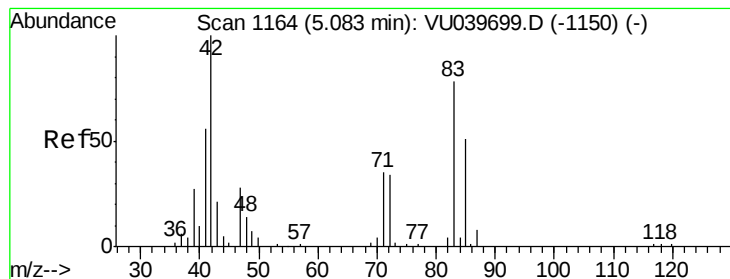
Tot Ion:	41	Resp:	7231
Ion	Ratio	Lower	Upper
41	100		
67	58.2	48.3	72.5
39	54.6	47.6	71.4
52	29.5	23.9	35.9



#40
Methyl acrylate
Concen: 1.622 ug/l
RT: 4.87 min Scan# 1099
Delta R.T. 0.00 min
Lab File: VU039840.D
Acq: 12 Aug 2020 12:29

Tgt Ion:	55	Resp:	9743
Ion	Ratio	Lower	Upper
55	100		
85	13.3	11.4	17.0
58	8.8	7.4	11.0
42	15.8	10.3	15.5#





#41

Tetrahydrofuran

Concen: 3.272 ug/l

RT: 5.09 min Scan# 1167

Delta R.T. 0.01 min

Lab File: VU039840.D

Acq: 12 Aug 2020 12:29

Instrument :

MSVOA_U

ClientSampled :

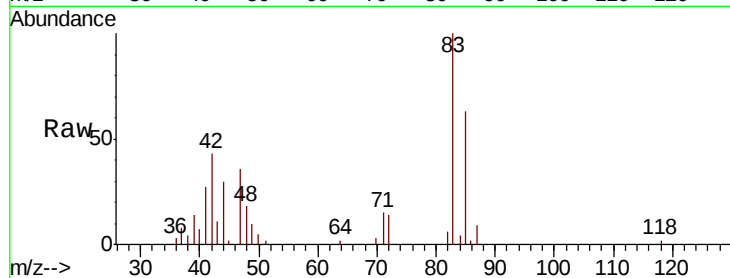
Tot Ion: 42 Resp: 7667

Ion Ratio Lower Upper

42 100

72 34.8 31.0 46.6

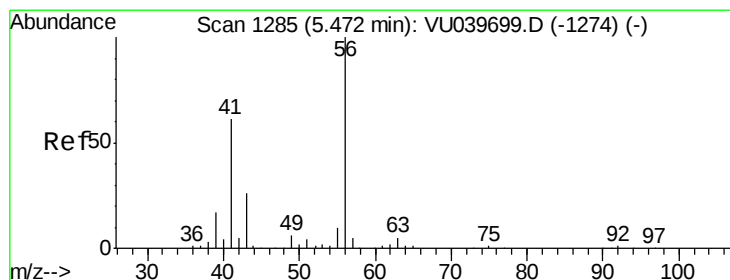
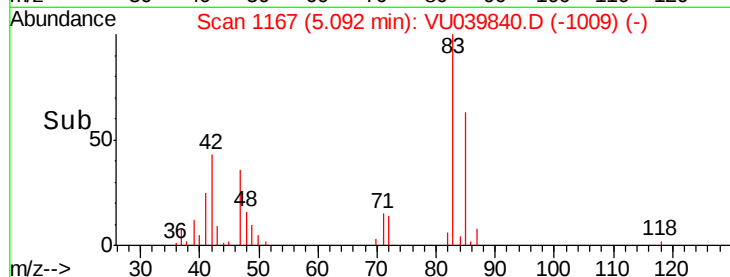
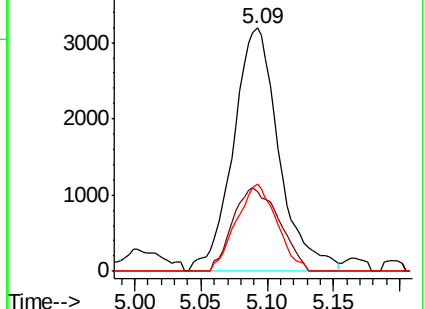
71 31.5 28.2 42.4



Abundance Ion 42.00 (41.70 to 42.70): VU039699.D (-1150) (-)

Ion 72.00 (71.70 to 72.70): VU039699.D (-1150) (-)

Ion 71.00 (70.70 to 71.70): VU039699.D (-1150) (-)



#42

1-Chlorobutane

Concen: 1.688 ug/l

RT: 5.47 min Scan# 1285

Delta R.T. -0.00 min

Lab File: VU039840.D

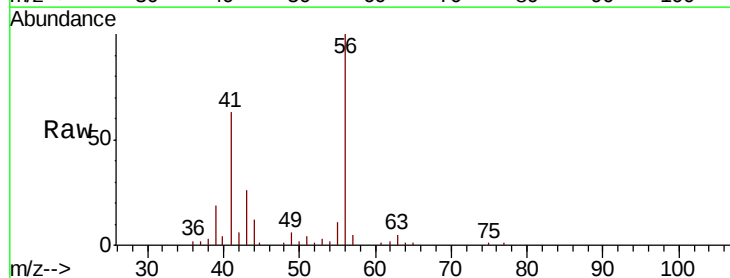
Acq: 12 Aug 2020 12:29

Tgt Ion: 56 Resp: 31115

Ion Ratio Lower Upper

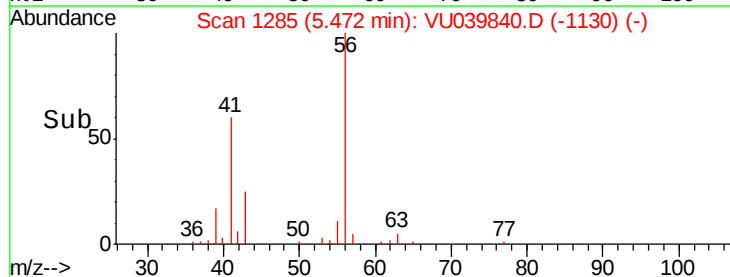
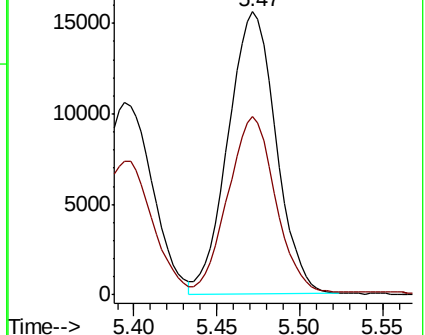
56 100

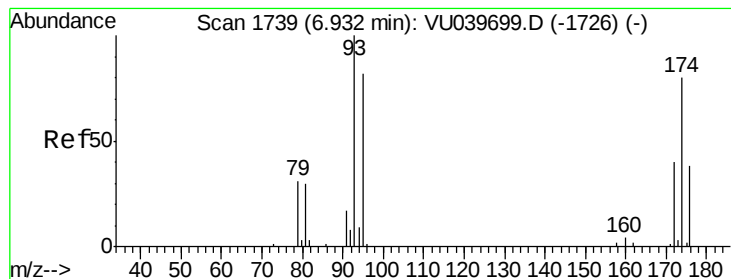
41 61.2 30.5 91.5



Abundance Ion 56.00 (55.70 to 56.70): VU039699.D (-1274) (-)

Ion 41.00 (40.70 to 41.70): VU039699.D (-1274) (-)





#43

Dibromomethane

Concen: 1.629 ug/l

RT: 6.93 min Scan# 1738

Delta R.T. -0.00 min

Lab File: VU039840.D

Acq: 12 Aug 2020 12:29

Instrument :
MSVOA_U
ClientSampled :

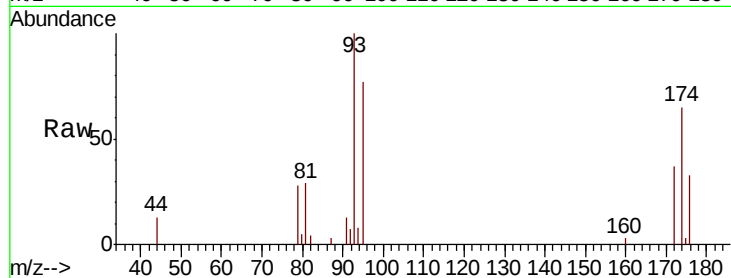
Tot Ion: 93 Resp: 7019

Ion Ratio Lower Upper

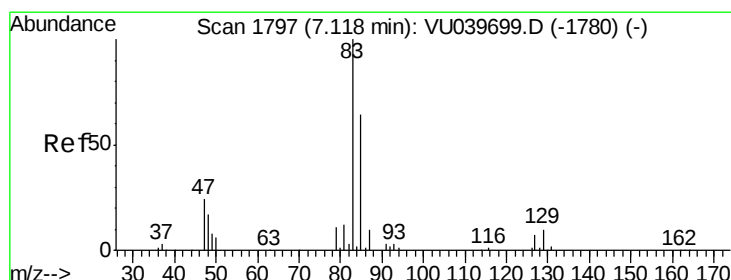
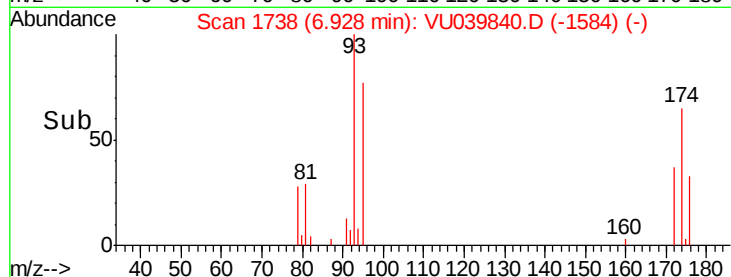
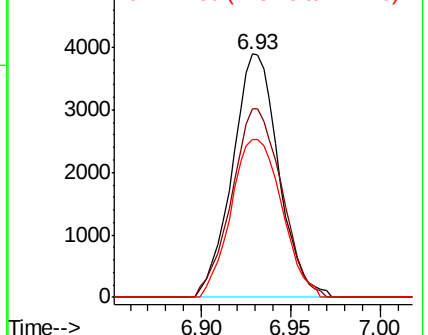
93 100

95 83.6 66.6 99.8

174 71.1 62.7 94.1



Abundance Ion 93.00 (92.70 to 93.70): VU0
Ion 95.00 (94.70 to 95.70): VU0
Ion 174.00 (173.70 to 174.70): V



#44

Bromodichloromethane

Concen: 1.763 ug/l

RT: 7.12 min Scan# 1797

Delta R.T. -0.00 min

Lab File: VU039840.D

Acq: 12 Aug 2020 12:29

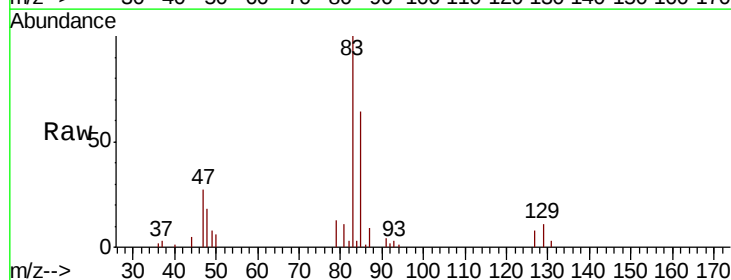
Tgt Ion: 83 Resp: 17418

Ion Ratio Lower Upper

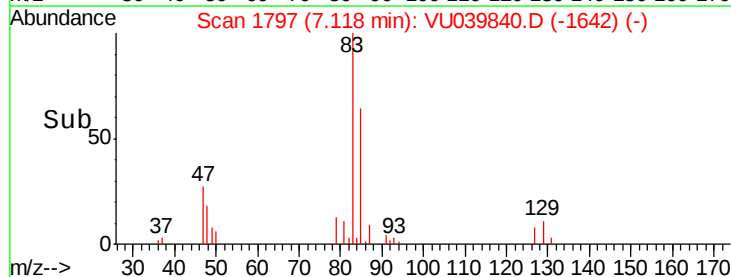
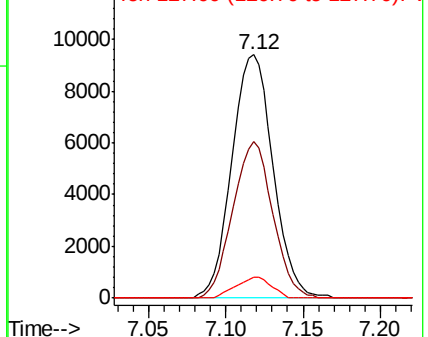
83 100

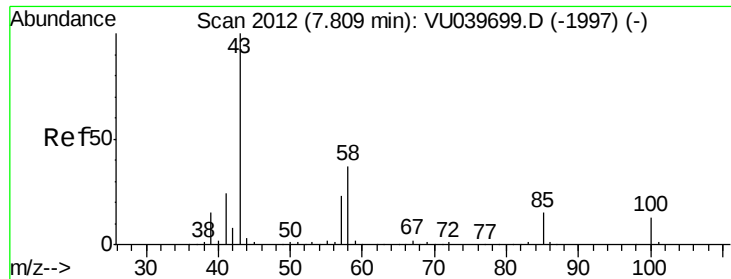
85 64.1 50.8 76.2

127 8.4 5.8 8.6



Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 85.00 (84.70 to 85.70): VU0
Ion 127.00 (126.70 to 127.70): V

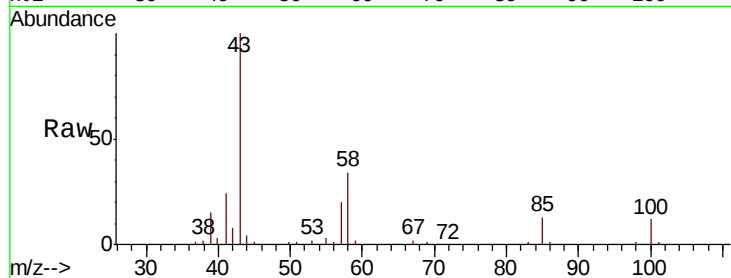




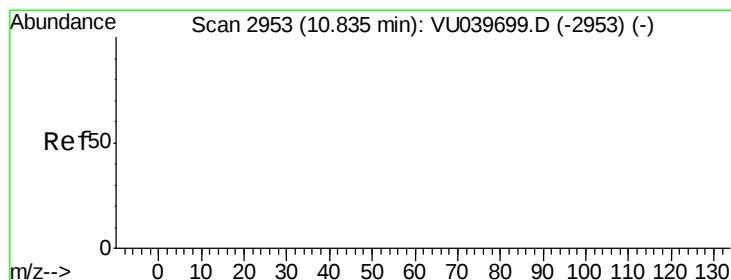
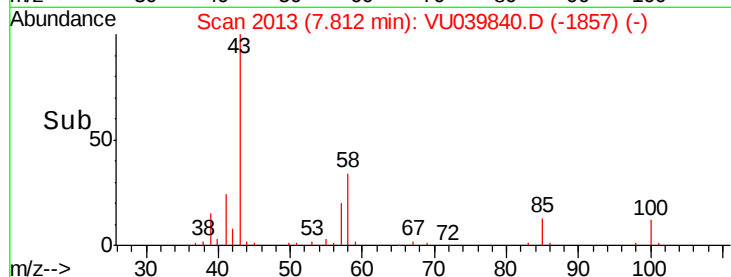
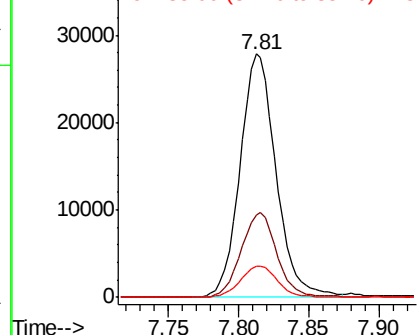
#45
4-Methyl-2-Pentanone
Concen: 7.638 ug/l
RT: 7.81 min Scan# 2013
Delta R.T. 0.00 min
Lab File: VU039840.D
Acq: 12 Aug 2020 12:29

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 49843
Ion Ratio Lower Upper
43 100
58 34.5 18.4 55.0
85 13.2 11.8 17.6

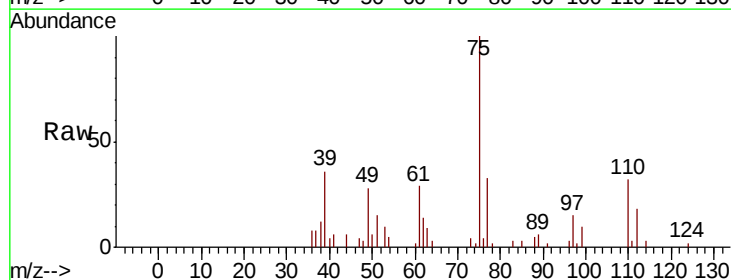


Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0
Ion 85.00 (84.70 to 85.70): VU0

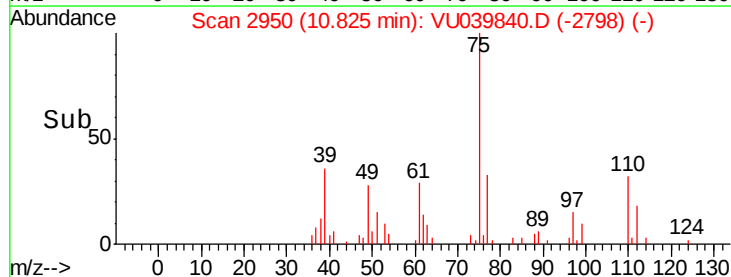
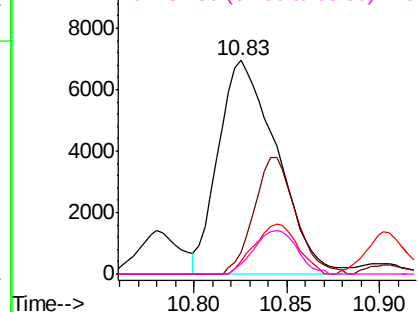


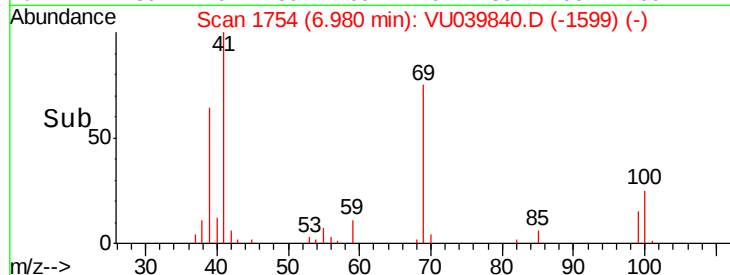
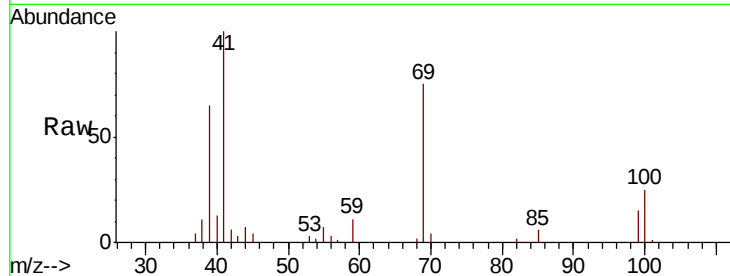
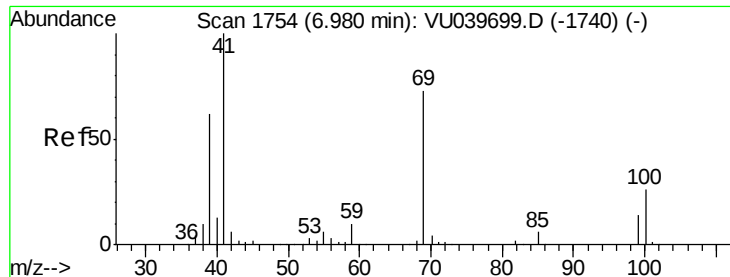
#46
t-1,4-Dichloro-2-butene
Concen: 7.827 ug/l
RT: 10.83 min Scan# 2950
Delta R.T. -0.01 min
Lab File: VU039840.D
Acq: 12 Aug 2020 12:29

Tgt Ion: 75 Resp: 15191
Ion Ratio Lower Upper
75 100
53 39.0 78.6 118.0#
89 17.4 40.3 60.5#
88 15.1 34.0 51.0#



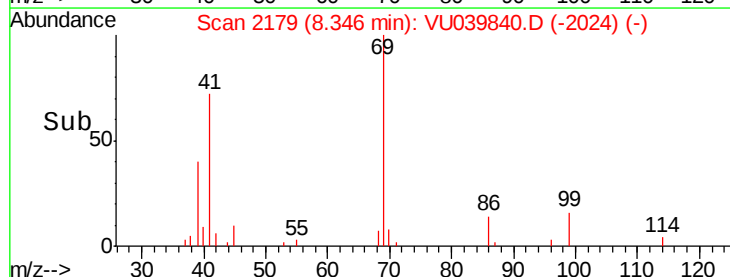
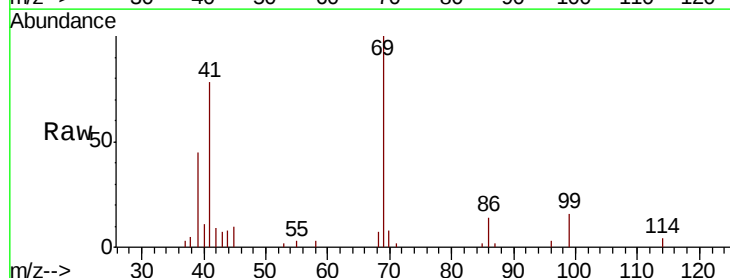
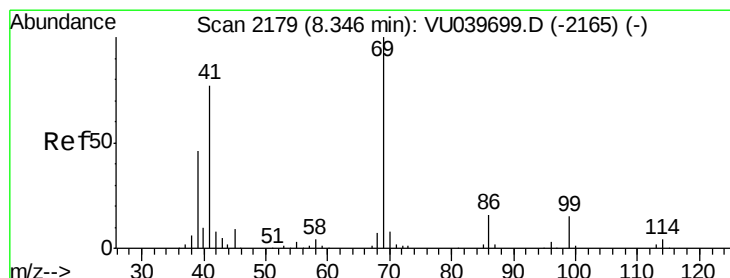
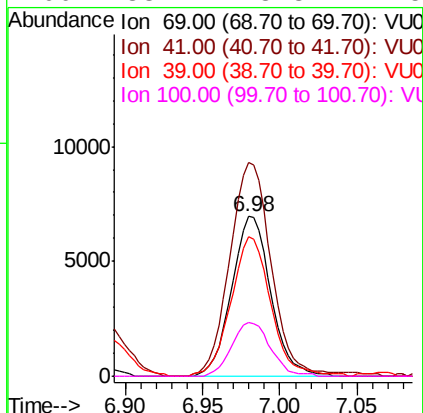
Abundance Ion 74.90 (74.60 to 75.60): VU0
Ion 53.00 (52.70 to 53.70): VU0
Ion 88.80 (88.50 to 89.50): VU0
Ion 87.80 (87.50 to 88.50): VU0





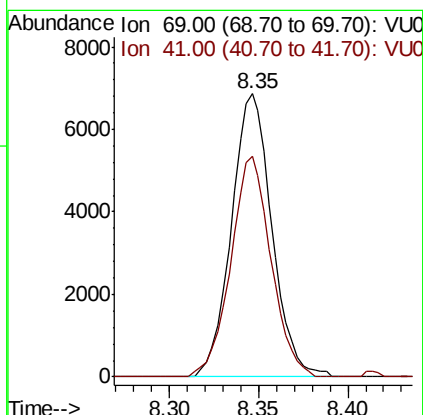
#47
Methyl methacrylate
Concen: 3.044 ug/l
RT: 6.98 min Scan# 1754
Delta R.T. -0.00 min
Lab File: VU039840.D
Acq: 12 Aug 2020 12:29

Tot Ion: 69 Resp: 12230
Ion Ratio Lower Upper
69 100
41 141.5 0.0 271.6
39 88.4 67.4 101.2
100 33.4 28.3 42.5



#48
Ethyl methacrylate
Concen: 1.459 ug/l
RT: 8.35 min Scan# 2179
Delta R.T. -0.00 min
Lab File: VU039840.D
Acq: 12 Aug 2020 12:29

Tgt Ion: 69 Resp: 10789
Ion Ratio Lower Upper
69 100
41 77.4 39.1 117.5





#49

Toluene

Concen: 1.487 ug/l

RT: 7.98 min Scan# 2064

Delta R.T. -0.00 min

Lab File: VU039840.D

Acq: 12 Aug 2020 12:29

Instrument :

MSVOA_U

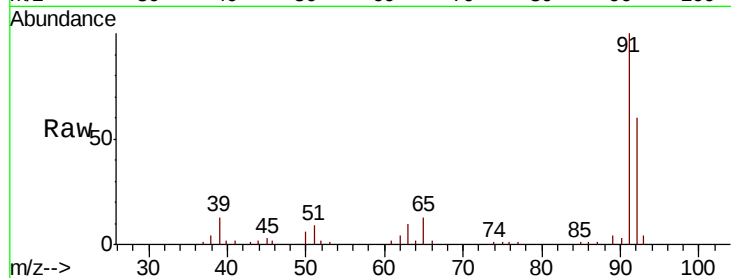
ClientSampled :

Tot Ion: 92 Resp: 25712

Ion Ratio Lower Upper

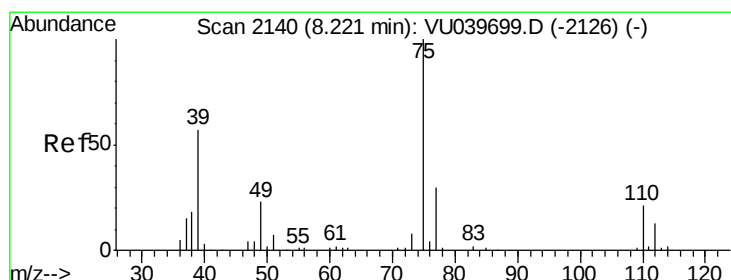
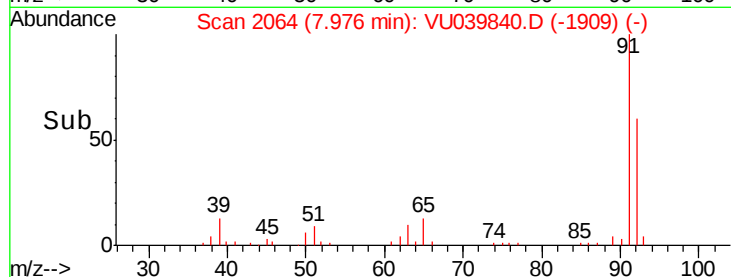
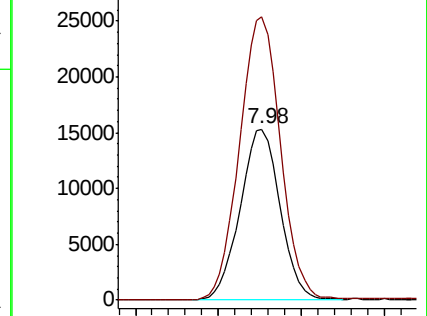
92 100

91 170.4 136.1 204.1



Abundance Ion 92.00 (91.70 to 92.70): VU039699.D (-2049) (-)

Ion 91.00 (90.70 to 91.70): VU039699.D (-2049) (-)



#50

t-1,3-Dichloropropene

Concen: 1.618 ug/l

RT: 8.22 min Scan# 2139

Delta R.T. -0.00 min

Lab File: VU039840.D

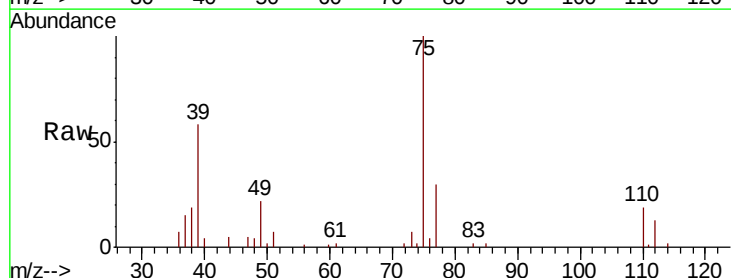
Acq: 12 Aug 2020 12:29

Tgt Ion: 75 Resp: 14395

Ion Ratio Lower Upper

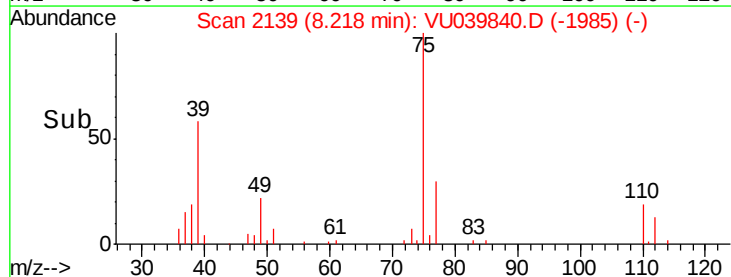
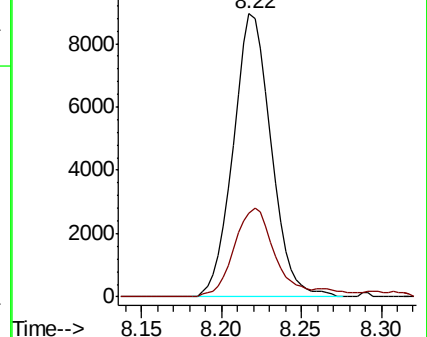
75 100

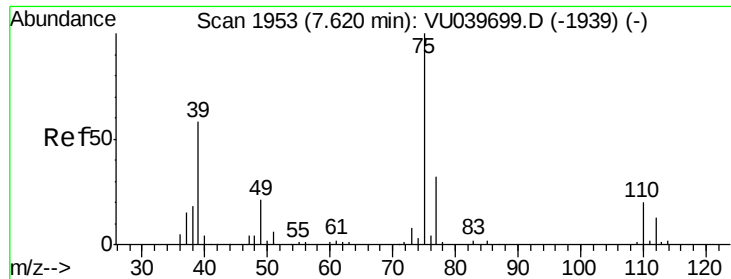
77 29.7 24.3 36.5



Abundance Ion 75.00 (74.70 to 75.70): VU039699.D (-2126) (-)

Ion 77.00 (76.70 to 77.70): VU039699.D (-2126) (-)



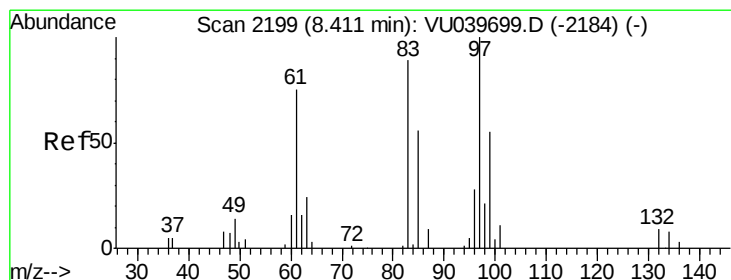
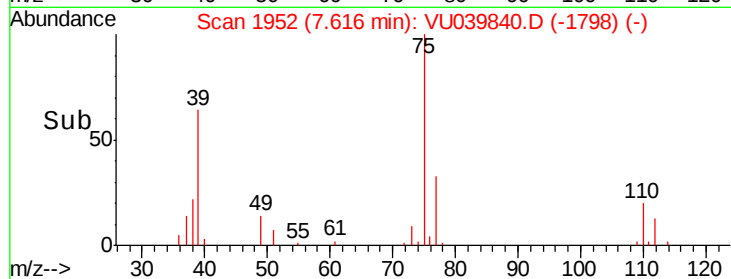
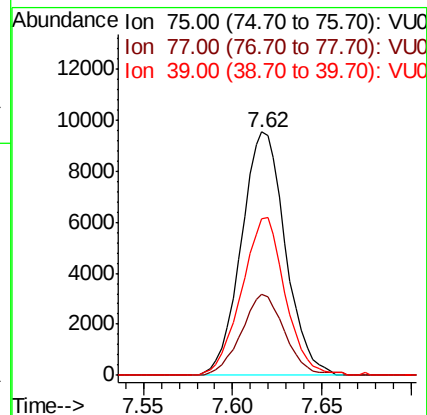
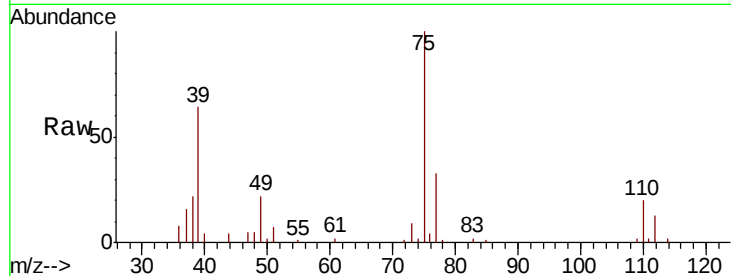


#51

cis-1,3-Dichloropropene
 Concen: 1.566 ug/l
 RT: 7.62 min Scan# 1952
 Delta R.T. -0.00 min
 Lab File: VU039840.D
 Acq: 12 Aug 2020 12:29

Instrument :
 MSVOA_U
 ClientSampleId :

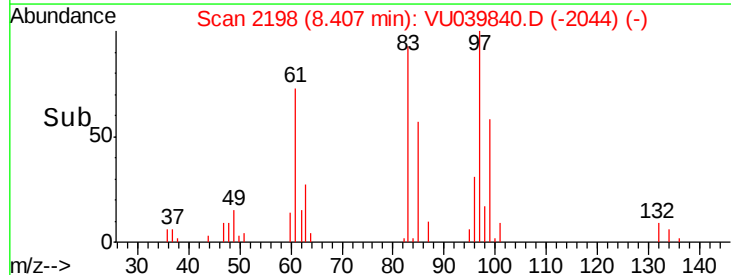
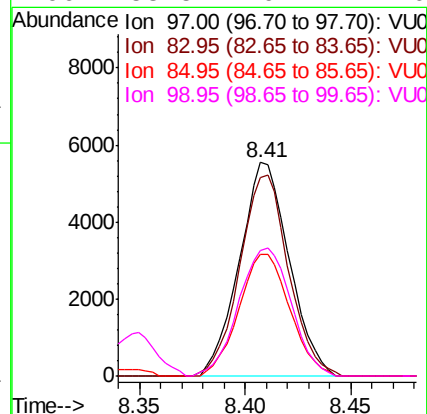
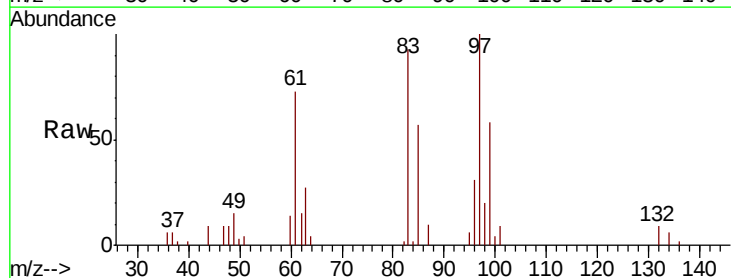
Tot Ion	Ratio	Lower	Upper
75	100		
77	33.3	25.7	38.5
39	64.1	46.1	69.1

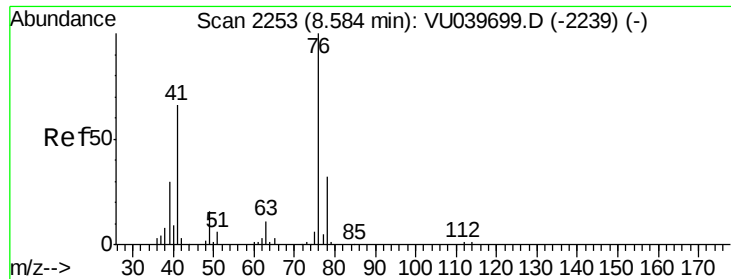


#52

1,1,2-Trichloroethane
 Concen: 1.623 ug/l
 RT: 8.41 min Scan# 2198
 Delta R.T. -0.00 min
 Lab File: VU039840.D
 Acq: 12 Aug 2020 12:29

Tgt Ion	Ratio	Lower	Upper
97	100		
83	92.7	71.3	106.9
85	57.2	45.4	68.2
99	58.5	49.4	74.0

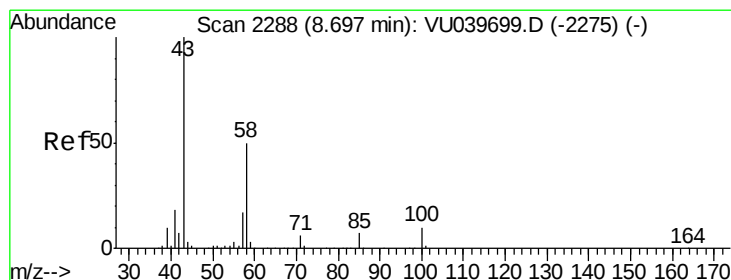
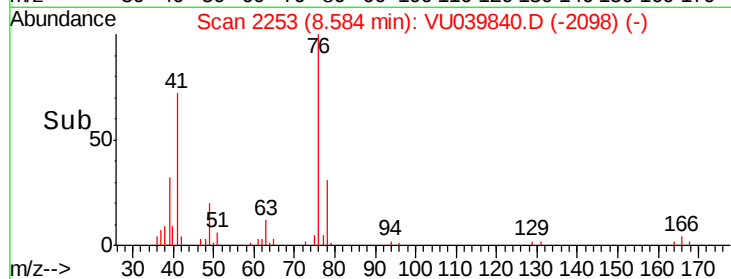
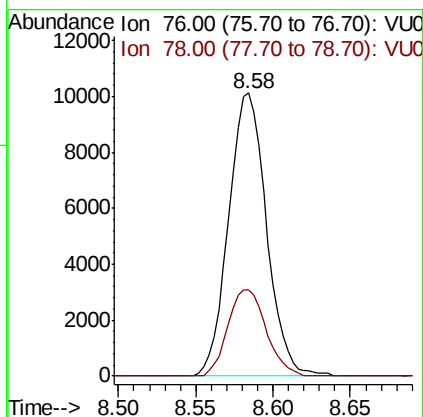
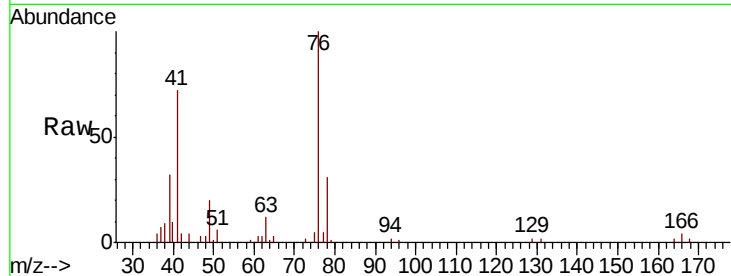




#53
 1,3-Dichloropropane
 Concen: 1.601 ug/l
 RT: 8.58 min Scan# 2253
 Delta R.T. -0.00 min
 Lab File: VU039840.D
 Acq: 12 Aug 2020 12:29

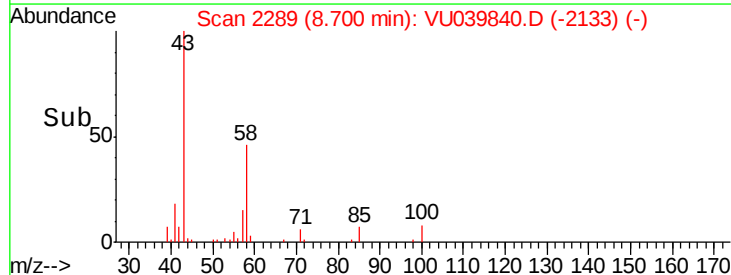
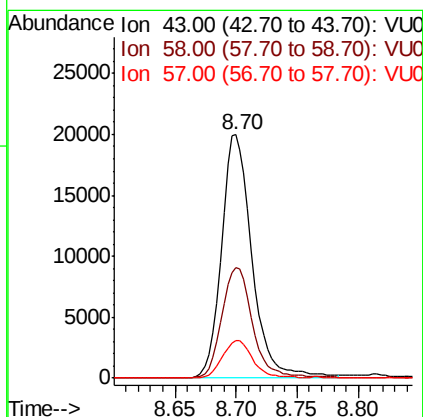
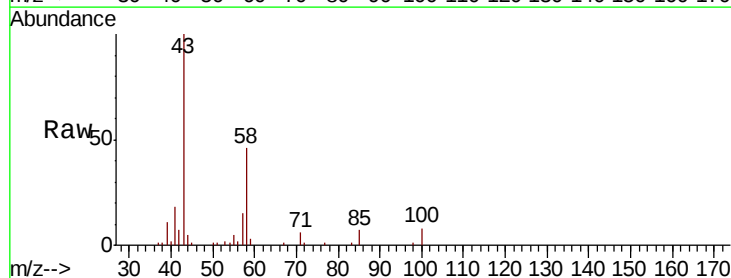
Instrument :
 MSVOA_U
 ClientSampleId :

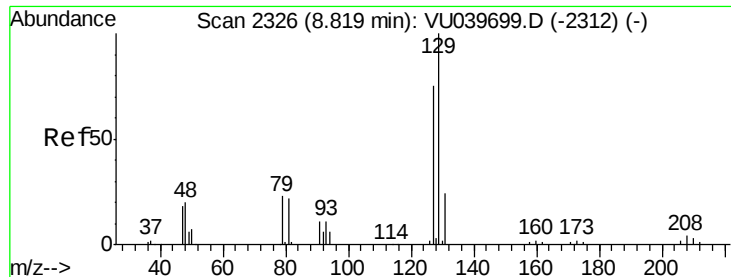
Tot Ion: 76 Resp: 17208
 Ion Ratio Lower Upper
 76 100
 78 30.8 25.4 38.2



#54
 2-Hexanone
 Concen: 7.539 ug/l
 RT: 8.70 min Scan# 2289
 Delta R.T. 0.00 min
 Lab File: VU039840.D
 Acq: 12 Aug 2020 12:29

Tgt Ion: 43 Resp: 35226
 Ion Ratio Lower Upper
 43 100
 58 46.1 29.9 69.9
 57 15.3 0.0 37.2

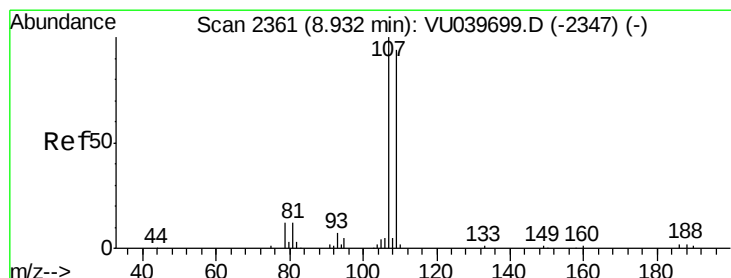
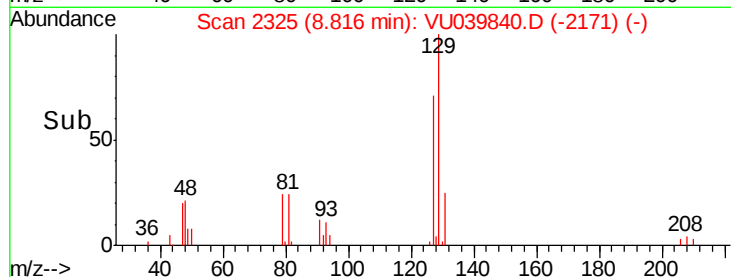
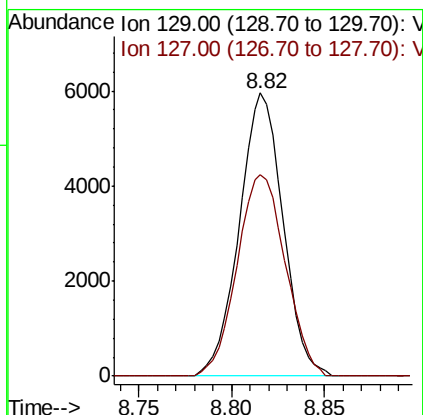
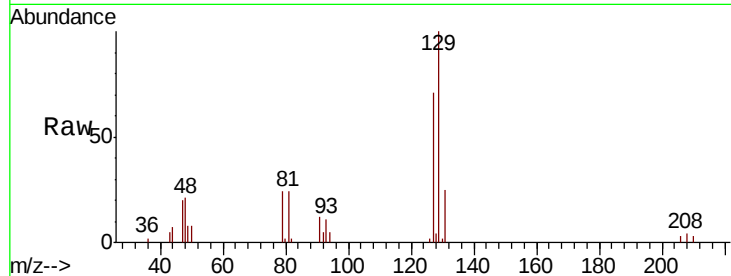




#55
 Dibromochloromethane
 Concen: 1.620 ug/l
 RT: 8.82 min Scan# 2325
 Delta R.T. -0.00 min
 Lab File: VU039840.D
 Acq: 12 Aug 2020 12:29

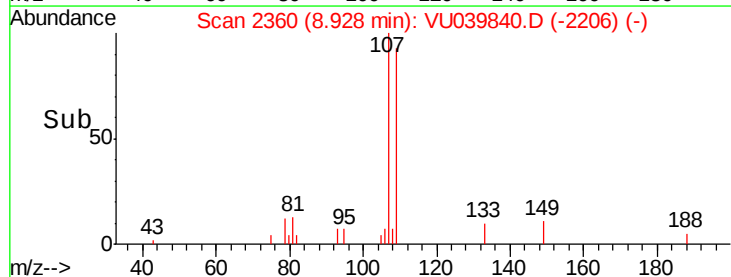
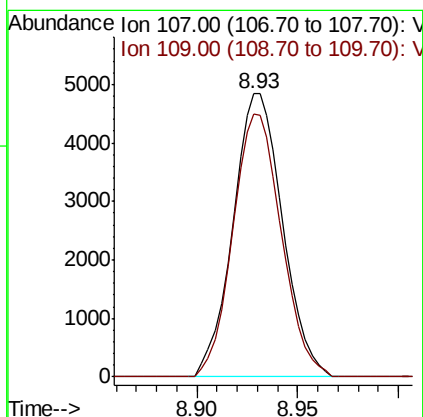
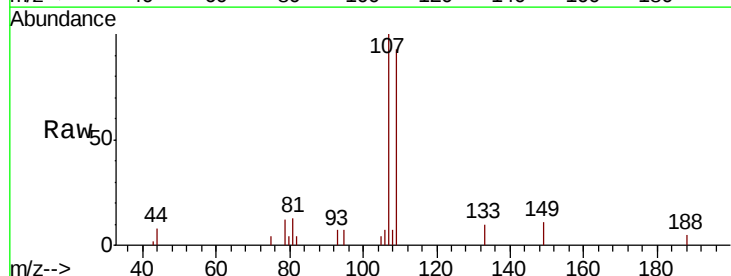
Instrument :
 MSVOA_U
 ClientSampleId :

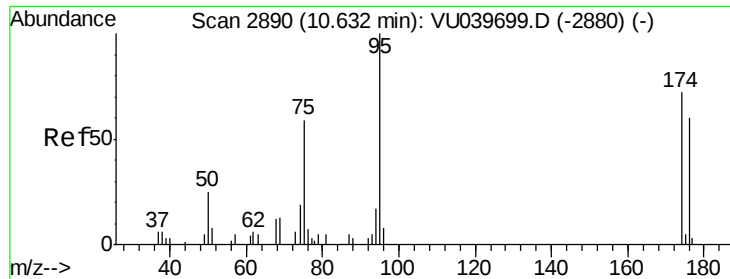
Tot Ion:129 Resp: 9736
 Ion Ratio Lower Upper
 129 100
 127 78.7 62.4 93.6



#56
 1,2-Dibromoethane
 Concen: 1.541 ug/l
 RT: 8.93 min Scan# 2360
 Delta R.T. -0.00 min
 Lab File: VU039840.D
 Acq: 12 Aug 2020 12:29

Tgt Ion:107 Resp: 8312
 Ion Ratio Lower Upper
 107 100
 109 91.0 0.0 185.2

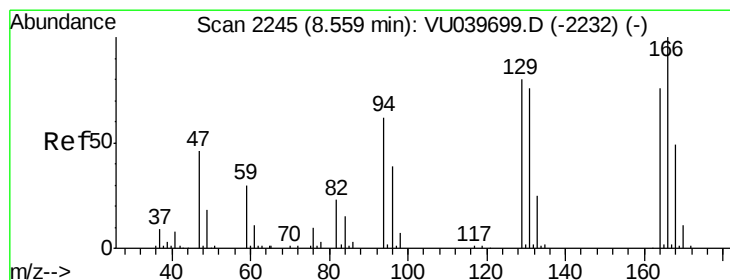
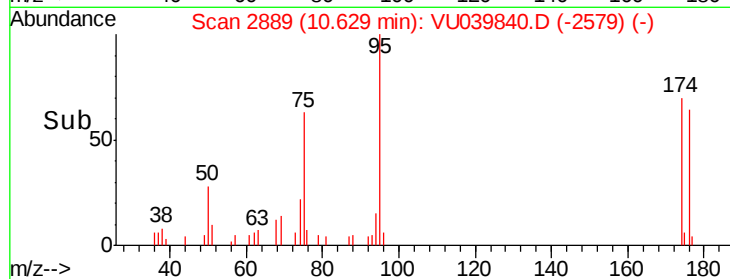
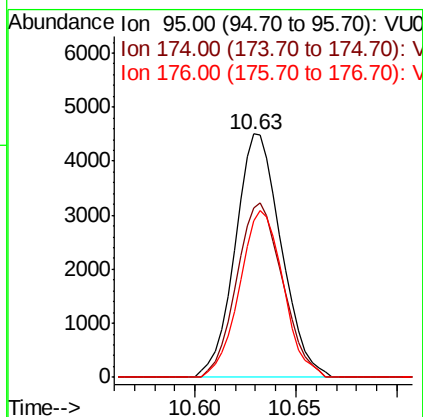
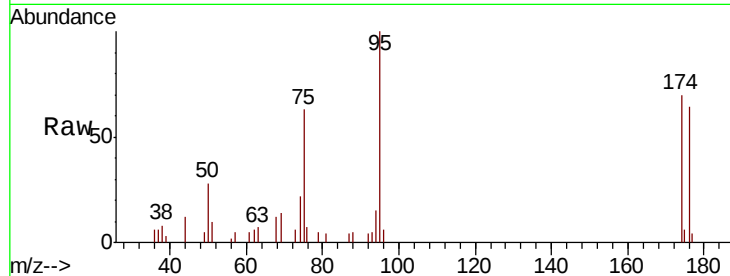




#57
 4-Bromofluorobenzene
 Concen: 0.794 ug/l
 RT: 10.63 min Scan# 2889
 Delta R.T. -0.00 min
 Lab File: VU039840.D
 Acq: 12 Aug 2020 12:29

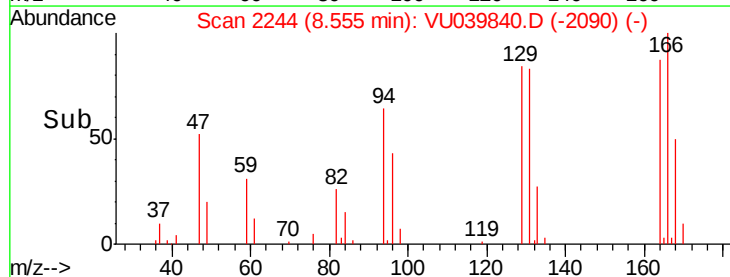
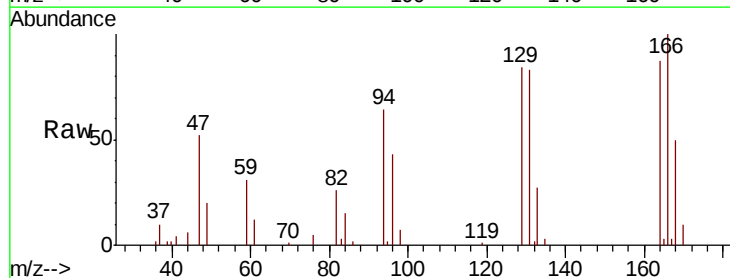
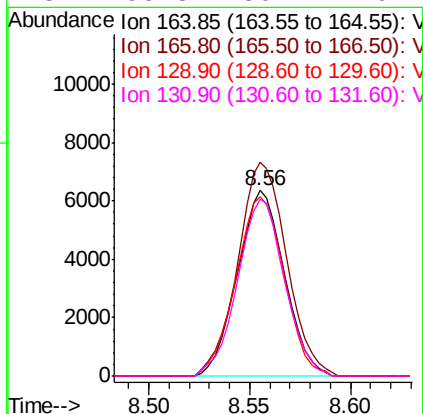
Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 95 Resp: 7200
 Ion Ratio Lower Upper
 95 100
 174 71.4 57.0 85.4
 176 65.1 50.2 75.2



#58
 Tetrachloroethene
 Concen: 1.785 ug/l
 RT: 8.56 min Scan# 2244
 Delta R.T. -0.00 min
 Lab File: VU039840.D
 Acq: 12 Aug 2020 12:29

Tgt Ion: 164 Resp: 10382
 Ion Ratio Lower Upper
 164 100
 166 115.2 104.8 157.2
 129 96.8 84.1 126.1
 131 95.3 80.1 120.1





#59

Chlorobenzene

Concen: 1.551 ug/l

RT: 9.45 min Scan# 2522

Delta R.T. -0.00 min

Lab File: VU039840.D

Acq: 12 Aug 2020 12:29

Instrument :

MSVOA_U

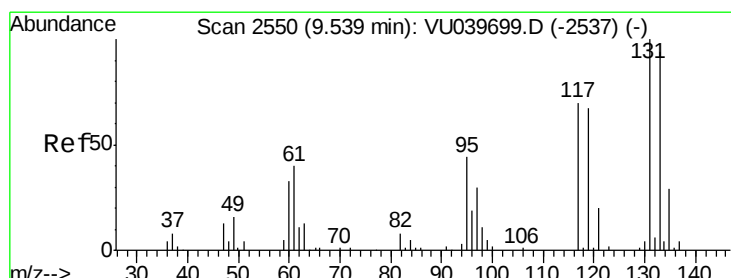
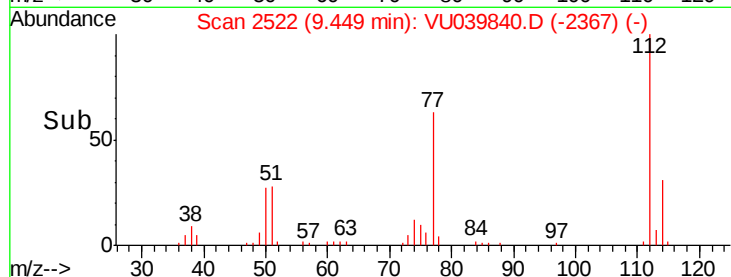
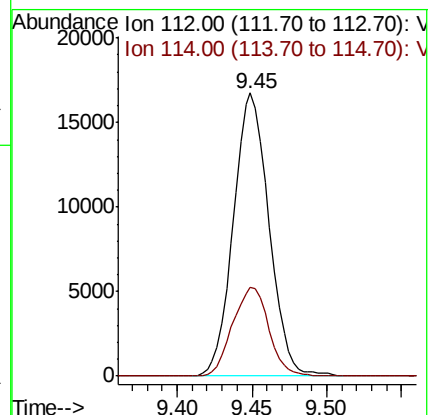
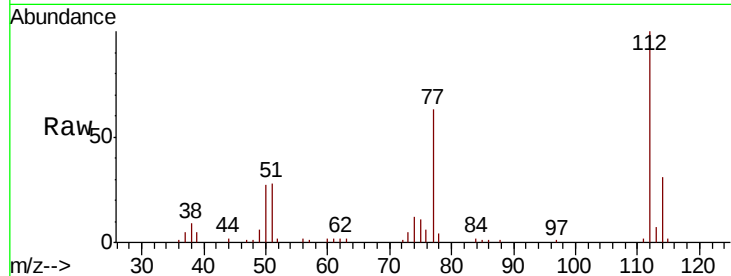
ClientSampleId :

Tot Ion:112 Resp: 27725

Ion Ratio Lower Upper

112 100

114 31.4 25.8 38.6



#60

1,1,1,2-Tetrachloroethane

Concen: 1.677 ug/l

RT: 9.54 min Scan# 2550

Delta R.T. -0.00 min

Lab File: VU039840.D

Acq: 12 Aug 2020 12:29

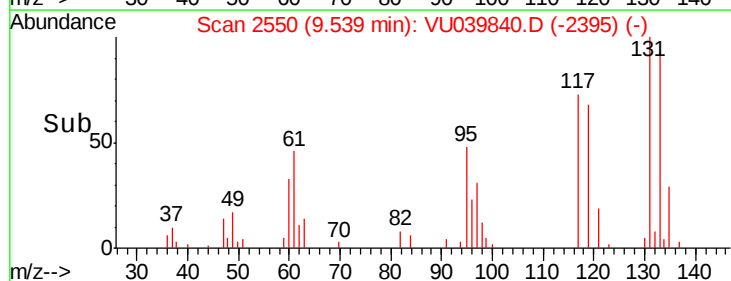
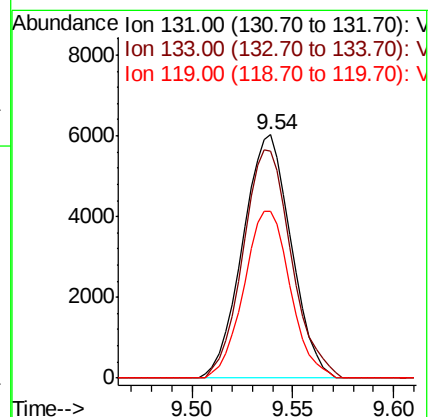
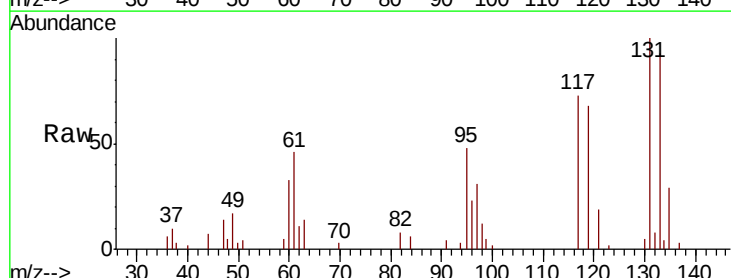
Tgt Ion:131 Resp: 10109

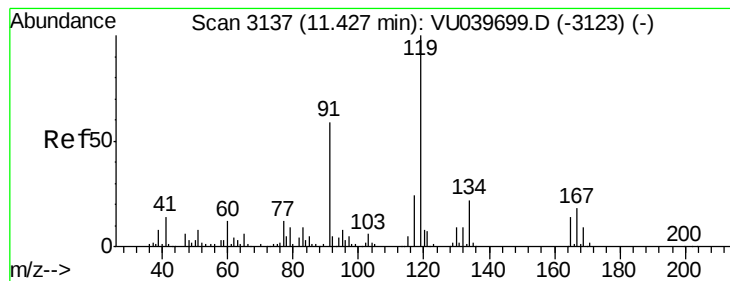
Ion Ratio Lower Upper

131 100

133 94.0 75.8 113.8

119 66.0 54.6 81.8





#61

Pentachloroethane

Concen: 1.544 ug/l

RT: 11.42 min Scan# 3136

Delta R.T. -0.00 min

Lab File: VU039840.D

Acq: 12 Aug 2020 12:29

Instrument :

MSVOA_U

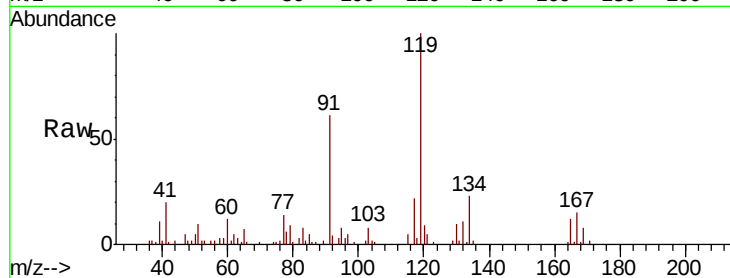
ClientSampleId :

Tot Ion:117 Resp: 8175

Ion Ratio Lower Upper

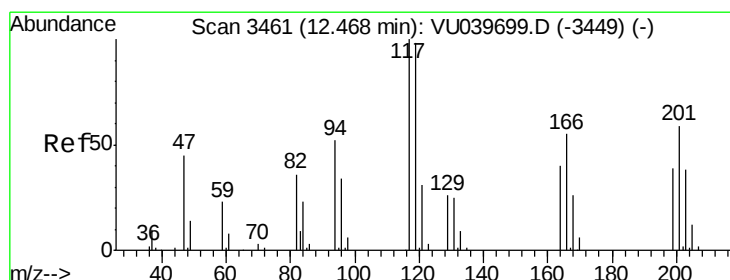
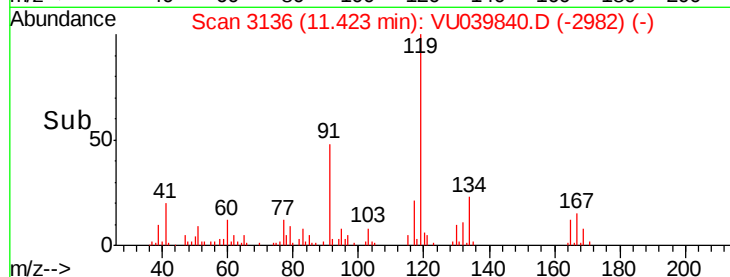
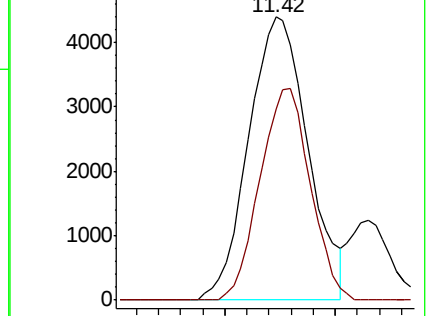
117 100

167 63.3 56.6 85.0



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 166.70 (166.40 to 167.40): V



#62

Hexachloroethane

Concen: 1.598 ug/l

RT: 12.47 min Scan# 3461

Delta R.T. -0.00 min

Lab File: VU039840.D

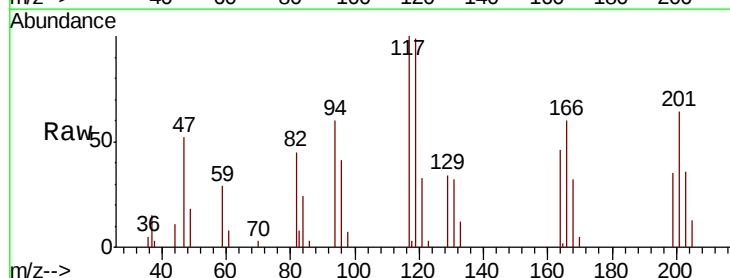
Acq: 12 Aug 2020 12:29

Tgt Ion:117 Resp: 7755

Ion Ratio Lower Upper

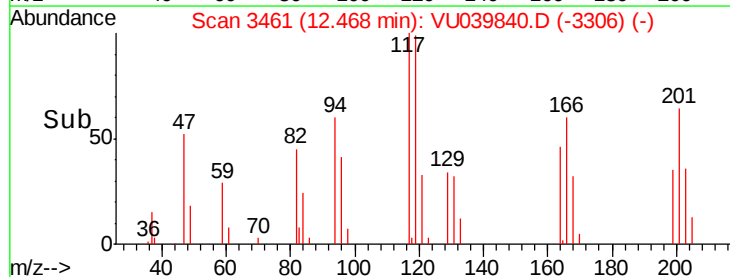
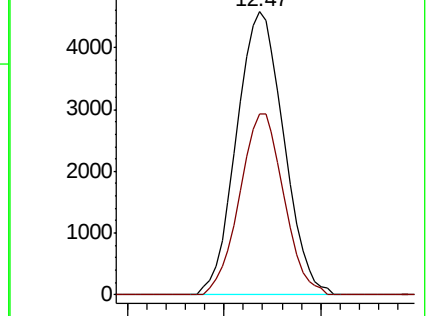
117 100

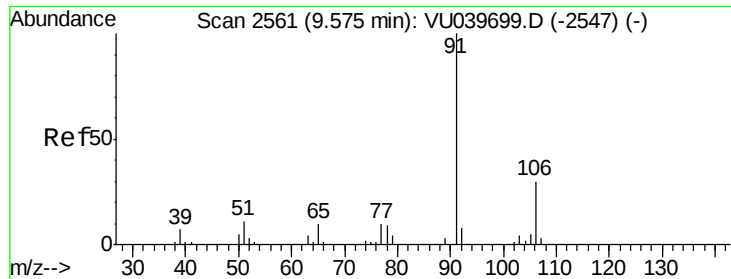
201 60.0 48.1 72.1



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.60 (200.30 to 201.30): V





#63

Ethyl Benzene

Concen: 1.446 ug/l

RT: 9.57 min Scan# 2560

Delta R.T. -0.00 min

Lab File: VU039840.D

Acq: 12 Aug 2020 12:29

Instrument :

MSVOA_U

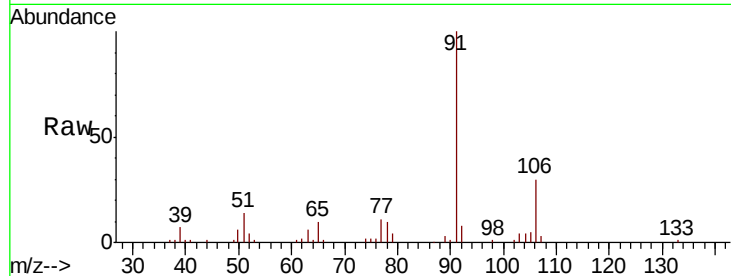
ClientSampleId :

Tot Ion: 91 Resp: 46339

Ion Ratio Lower Upper

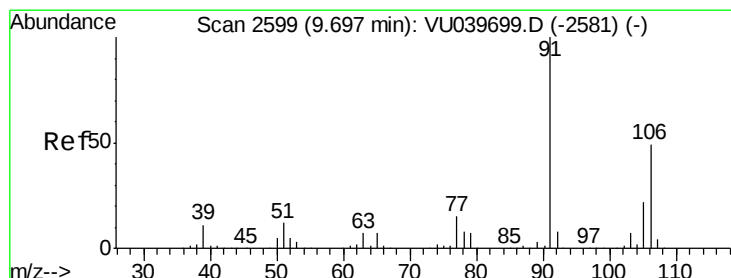
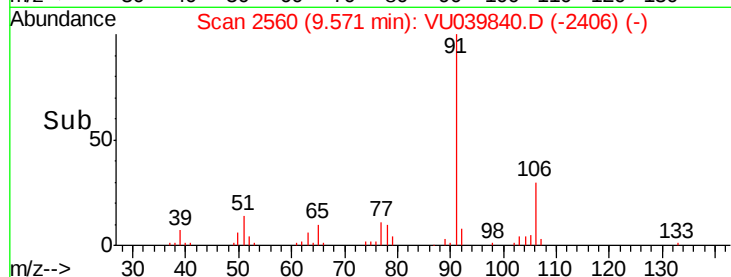
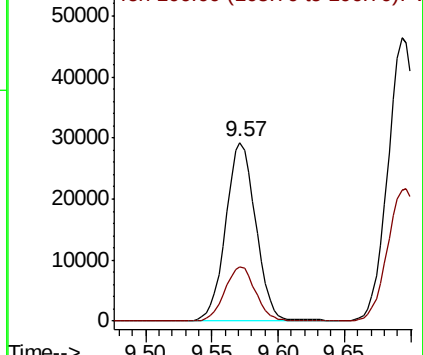
91 100

106 30.2 24.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VU039699.D (-2547) (-)

Ion 106.00 (105.70 to 106.70): VU039699.D (-2547) (-)



#64

m/p-Xylenes

Concen: 2.956 ug/l

RT: 9.70 min Scan# 2599

Delta R.T. -0.00 min

Lab File: VU039840.D

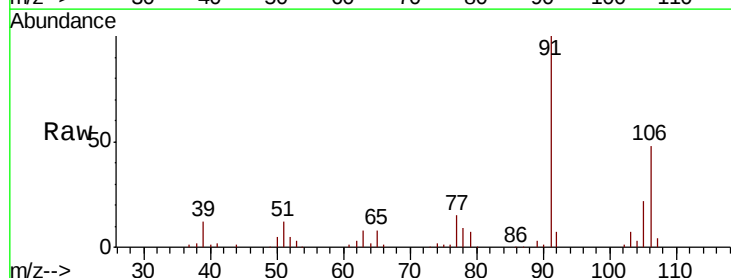
Acq: 12 Aug 2020 12:29

Tgt Ion: 106 Resp: 37004

Ion Ratio Lower Upper

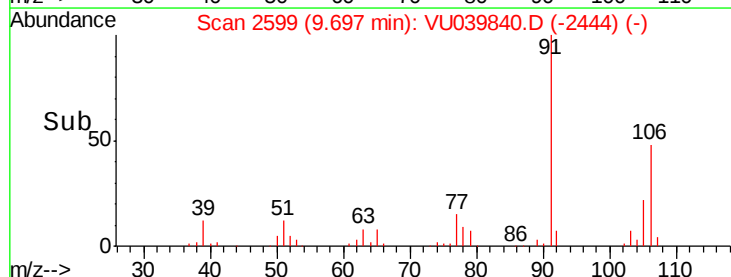
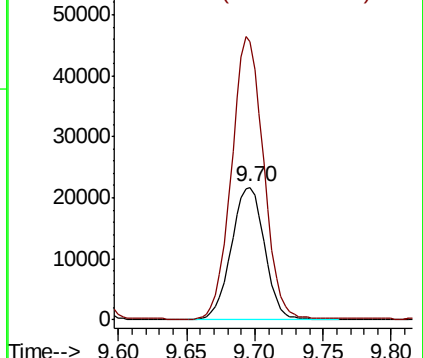
106 100

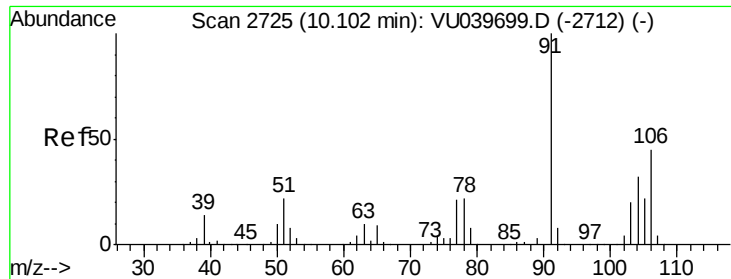
91 204.3 163.9 245.9



Abundance Ion 106.00 (105.70 to 106.70): VU039699.D (-2581) (-)

Ion 91.00 (90.70 to 91.70): VU039699.D (-2581) (-)

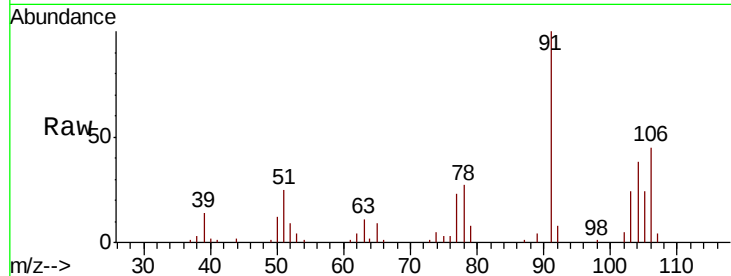




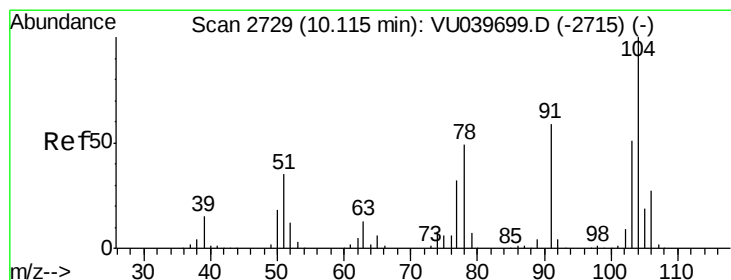
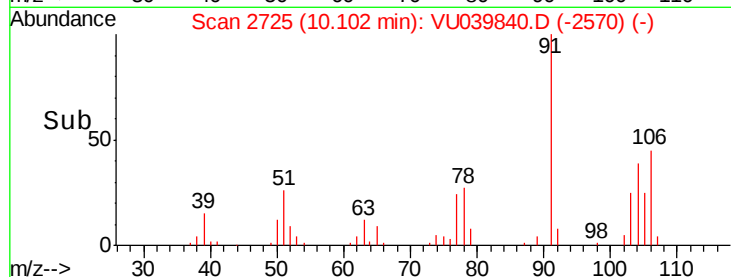
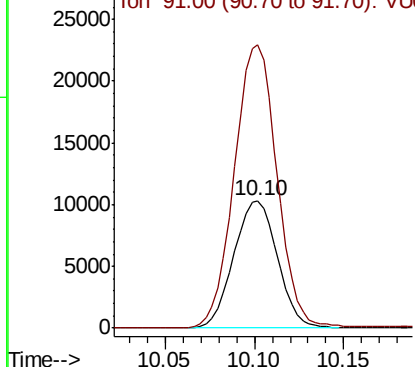
#65
o-Xylene
Concen: 1.480 ug/l
RT: 10.10 min Scan# 2725
Delta R.T. -0.00 min
Lab File: VU039840.D
Acq: 12 Aug 2020 12:29

Instrument :
MSVOA_U
ClientSampled :

Tot Ion:106 Resp: 17585
Ion Ratio Lower Upper
106 100
91 220.3 110.3 331.0

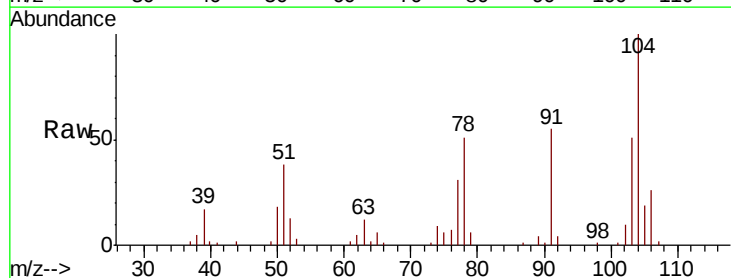


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

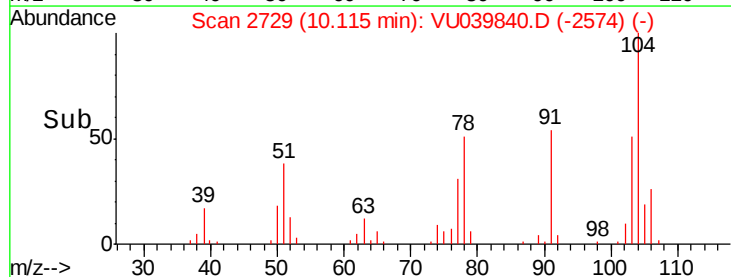
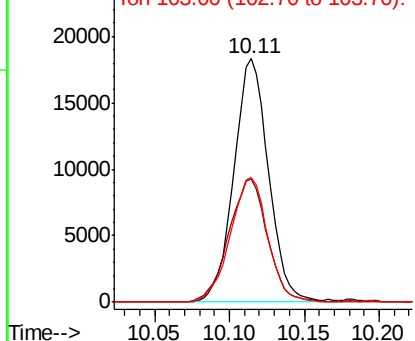


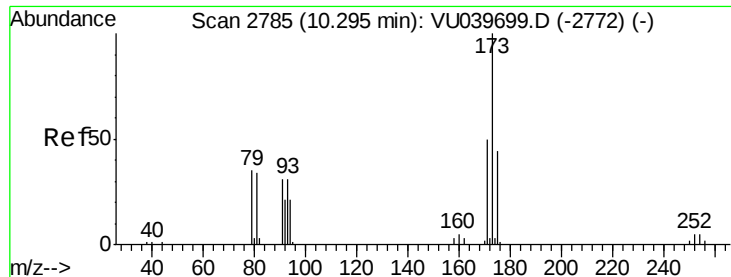
#66
Styrene
Concen: 1.454 ug/l
RT: 10.11 min Scan# 2729
Delta R.T. -0.00 min
Lab File: VU039840.D
Acq: 12 Aug 2020 12:29

Tgt Ion:104 Resp: 29622
Ion Ratio Lower Upper
104 100
78 56.2 42.2 63.4
103 54.7 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: 1.568 ug/l

RT: 10.29 min Scan# 2785

Delta R.T. -0.00 min

Lab File: VU039840.D

Acq: 12 Aug 2020 12:29

Instrument :

MSVOA_U

ClientSampleId :

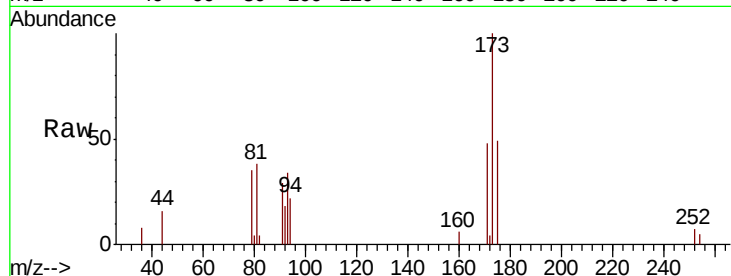
Tot Ion:173 Resp: 4806

Ion Ratio Lower Upper

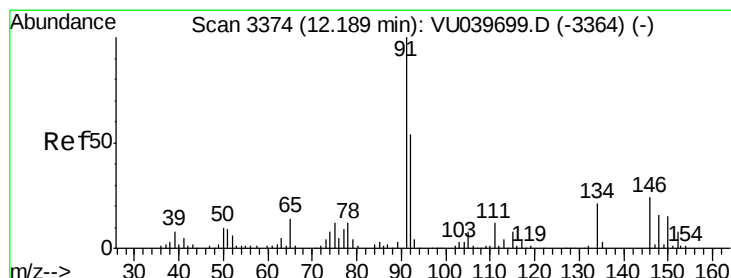
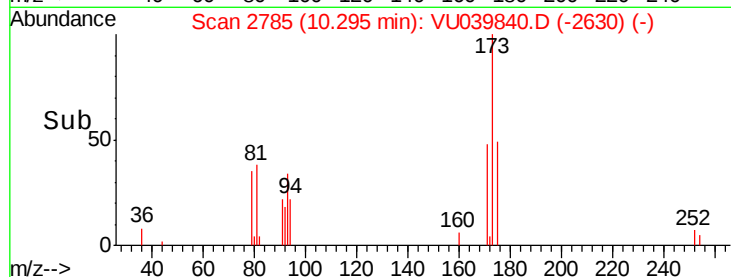
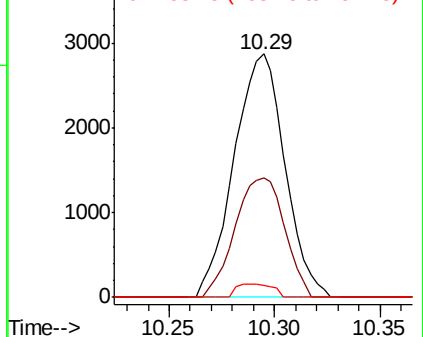
173 100

175 47.7 36.7 55.1

254 3.9 3.8 5.8



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



#68

1,2-Dichlorobenzene-d4

Concen: 0.755 ug/l

RT: 12.19 min Scan# 3374

Delta R.T. -0.00 min

Lab File: VU039840.D

Acq: 12 Aug 2020 12:29

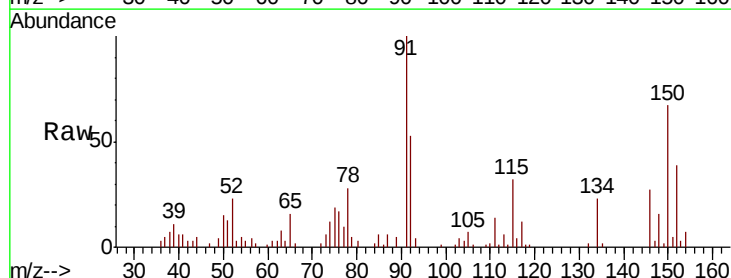
Tgt Ion:152 Resp: 6705

Ion Ratio Lower Upper

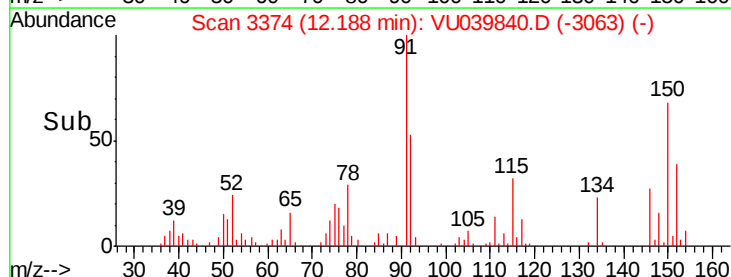
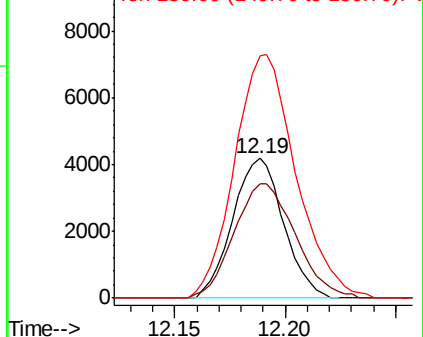
152 100

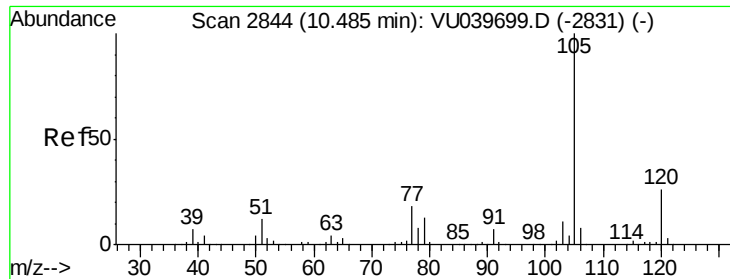
115 98.5 0.0 302.4

150 209.8 0.0 645.8



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: 1.463 ug/l

RT: 10.48 min Scan# 2844

Delta R.T. -0.00 min

Lab File: VU039840.D

Acq: 12 Aug 2020 12:29

Instrument :

MSVOA_U

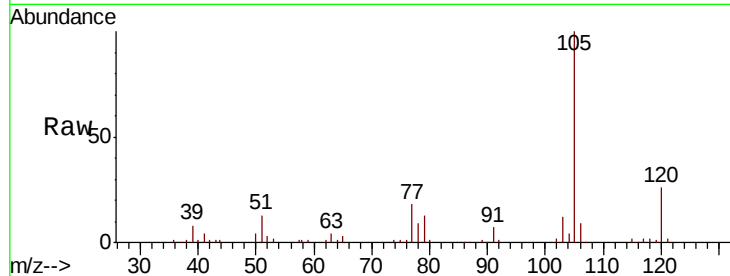
ClientSampleId :

Tot Ion:105 Resp: 46455

Ion Ratio Lower Upper

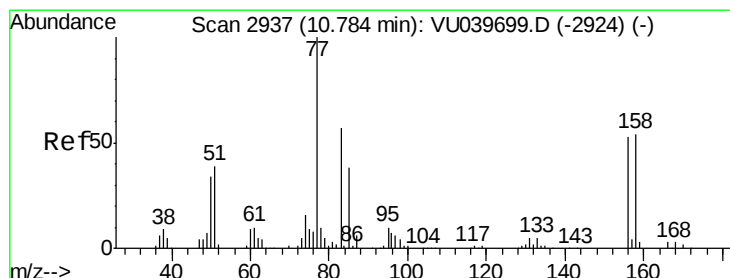
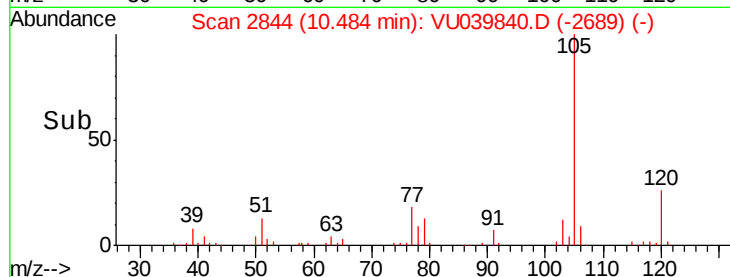
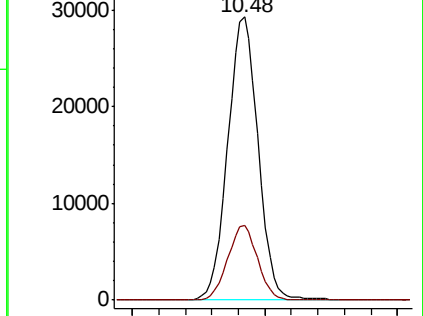
105 100

120 25.8 12.8 38.4



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: 1.677 ug/l

RT: 10.78 min Scan# 2937

Delta R.T. -0.00 min

Lab File: VU039840.D

Acq: 12 Aug 2020 12:29

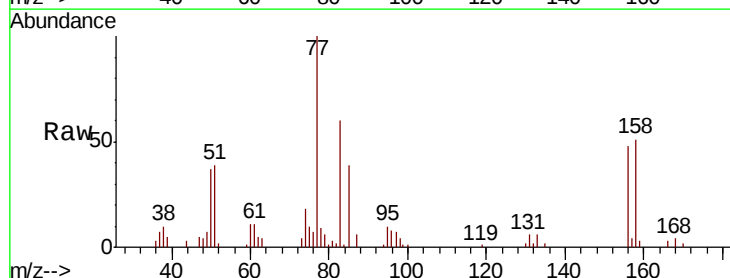
Tgt Ion: 83 Resp: 13511

Ion Ratio Lower Upper

83 100

131 8.2 7.0 10.6

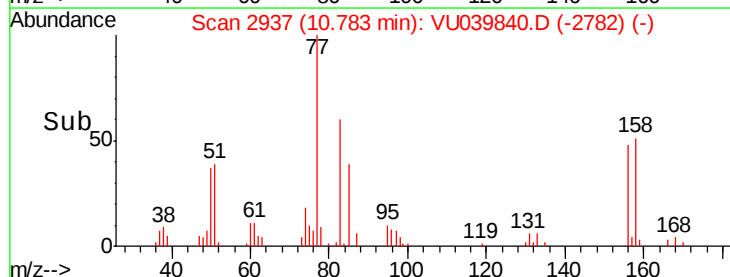
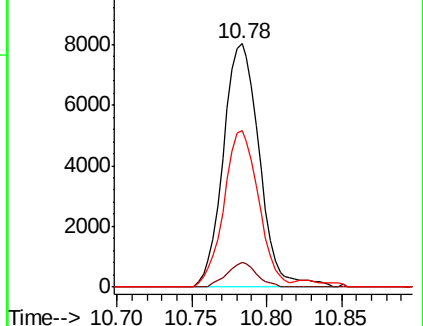
85 61.6 50.6 75.8

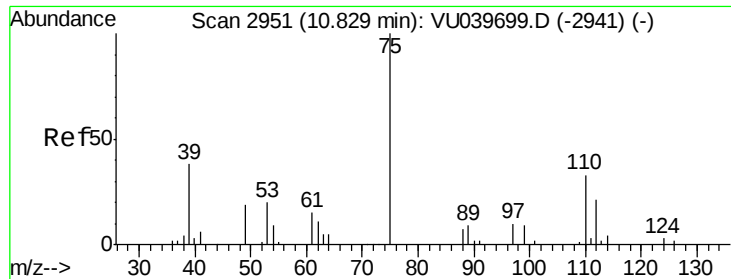


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VU0

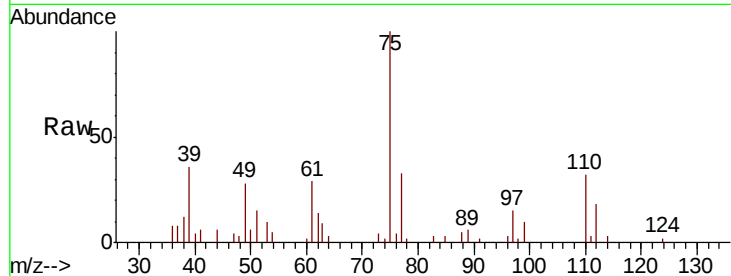




#71
 1,2,3-Trichloropropane
 Concen: 2.503 ug/l
 RT: 10.83 min Scan# 2950
 Delta R.T. -0.00 min
 Lab File: VU039840.D
 Acq: 12 Aug 2020 12:29

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion:	75	Resp:	15191
Ion	Ratio	Lower	Upper
75	100		
77	33.6	0.0	91.0
110	22.9	0.0	64.2
97	12.3	0.0	32.6



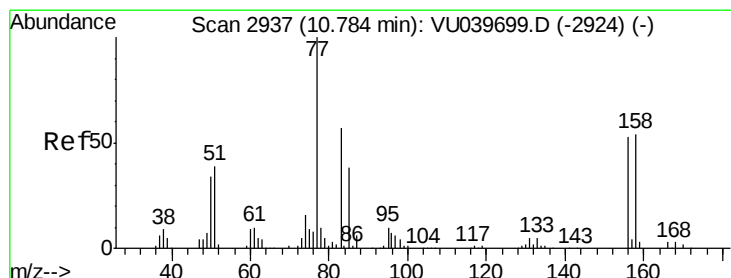
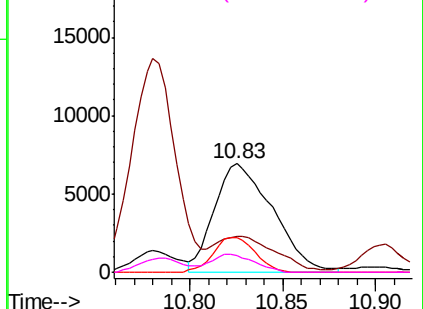
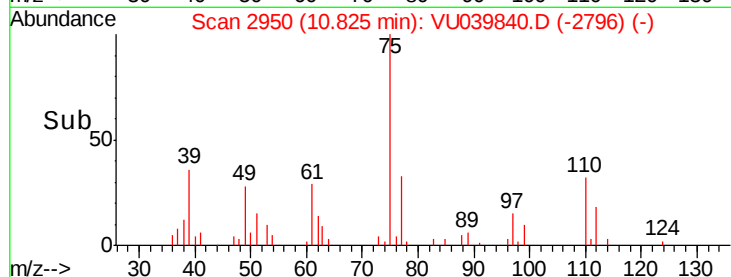
Abundance

Ion 75.00 (74.70 to 75.70): VU039699.D (-2941) (-)

Ion 77.00 (76.70 to 77.70): VU039699.D (-2941) (-)

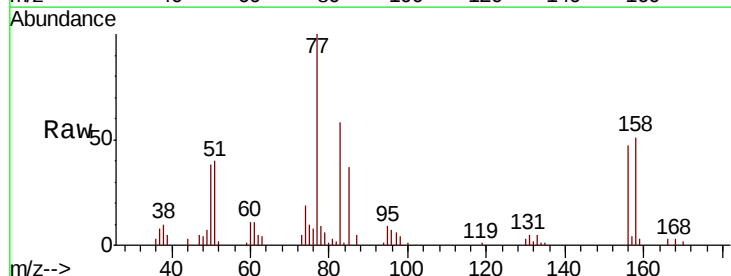
Ion 110.00 (109.70 to 110.70): VU039699.D (-2941) (-)

Ion 97.00 (96.70 to 97.70): VU039699.D (-2941) (-)



#72
 Bromobenzene
 Concen: 1.486 ug/l
 RT: 10.78 min Scan# 2936
 Delta R.T. -0.00 min
 Lab File: VU039840.D
 Acq: 12 Aug 2020 12:29

Tgt Ion:	156	Resp:	10716
Ion	Ratio	Lower	Upper
156	100		
77	211.9	0.0	385.2
158	105.7	0.0	200.8

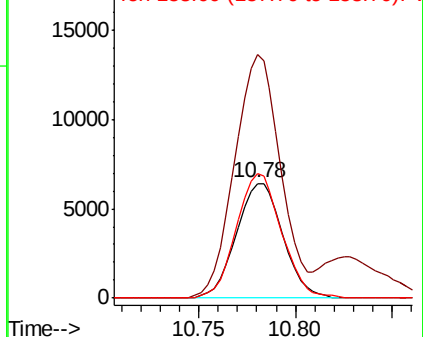
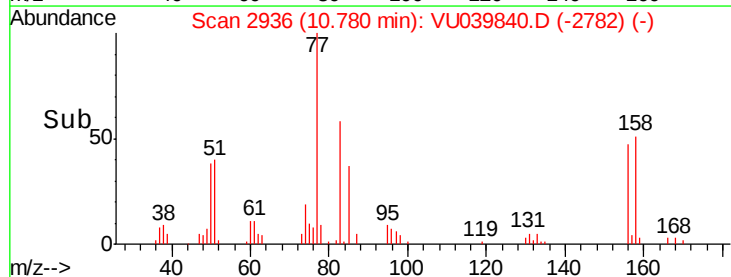


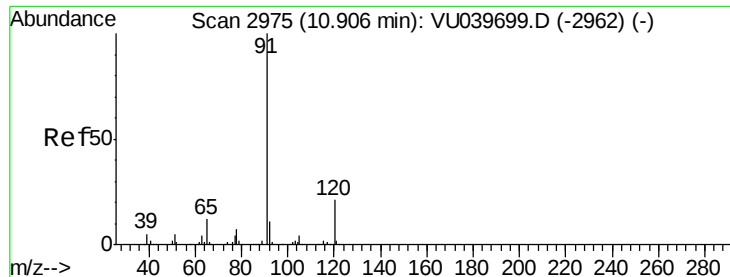
Abundance

Ion 156.00 (155.70 to 156.70): VU039699.D (-2924) (-)

Ion 77.00 (76.70 to 77.70): VU039699.D (-2924) (-)

Ion 158.00 (157.70 to 158.70): VU039699.D (-2924) (-)





#73

n-propylbenzene

Concen: 1.463 ug/l

RT: 10.90 min Scan# 2974

Delta R.T. -0.00 min

Lab File: VU039840.D

Acq: 12 Aug 2020 12:29

Instrument :

MSVOA_U

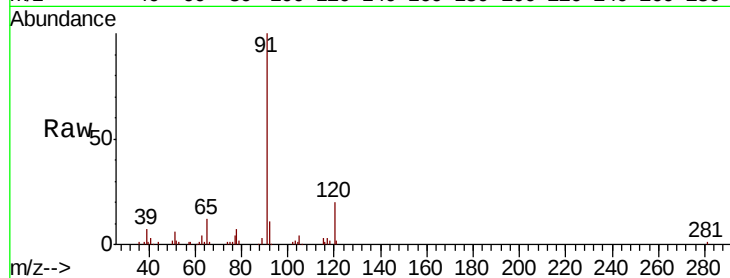
ClientSampleId :

Tot Ion:120 Resp: 13054

Ion Ratio Lower Upper

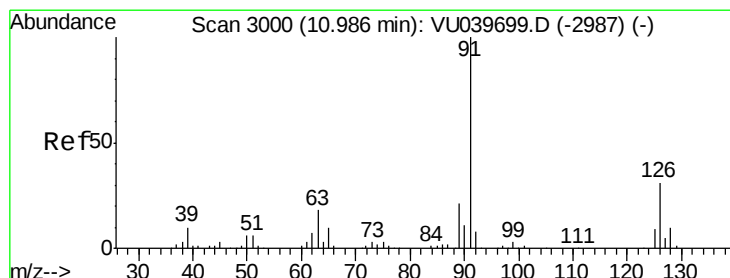
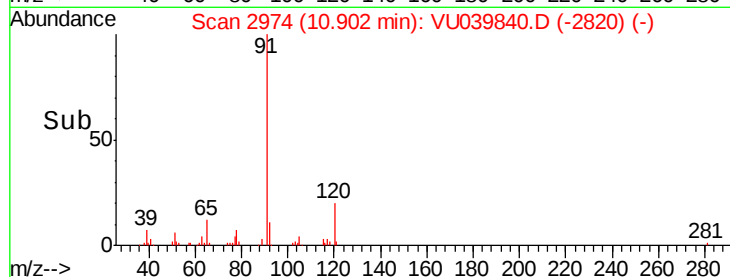
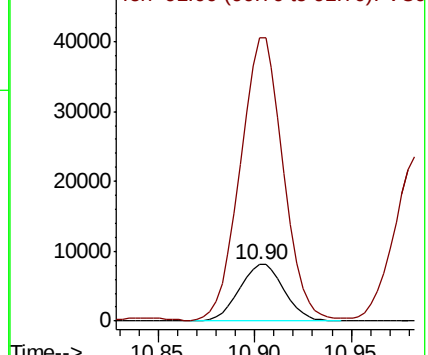
120 100

91 475.3 371.7 557.5



Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0



#74

2-Chlorotoluene

Concen: 1.514 ug/l

RT: 10.98 min Scan# 2999

Delta R.T. -0.00 min

Lab File: VU039840.D

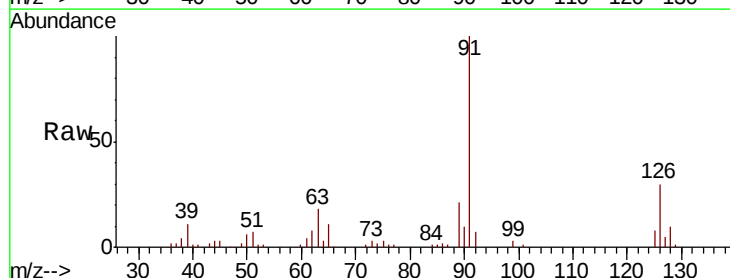
Acq: 12 Aug 2020 12:29

Tgt Ion:126 Resp: 11415

Ion Ratio Lower Upper

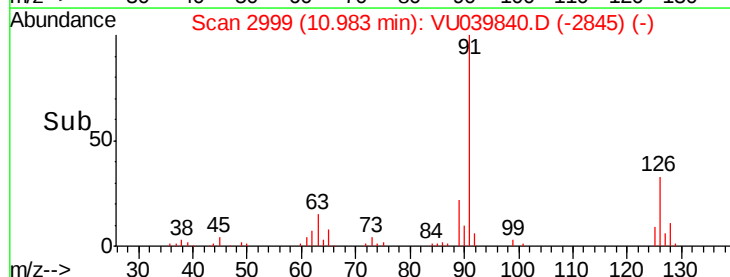
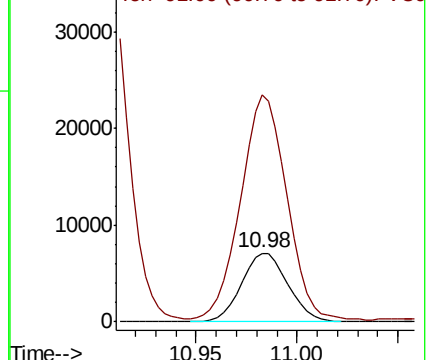
126 100

91 325.8 0.0 637.0



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0





#75

1,3,5-Trimethylbenzene

Concen: 1.494 ug/l

RT: 11.09 min Scan# 3031

Delta R.T. -0.00 min

Lab File: VU039840.D

Acq: 12 Aug 2020 12:29

Instrument :

MSVOA_U

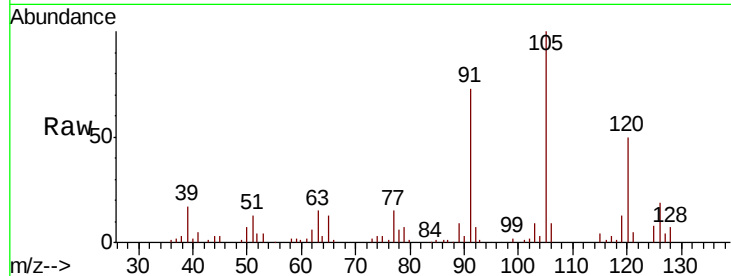
ClientSampleId :

Tot Ion:105 Resp: 41010

Ion Ratio Lower Upper

105 100

120 49.3 38.0 57.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.09

30000

25000

20000

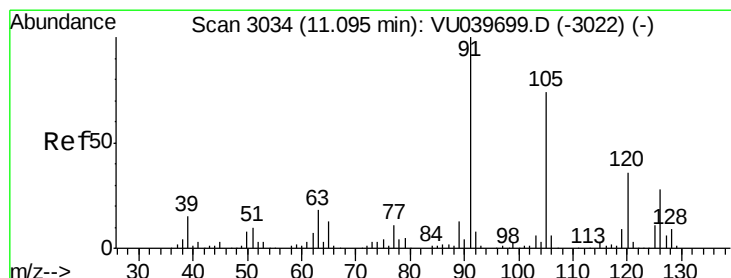
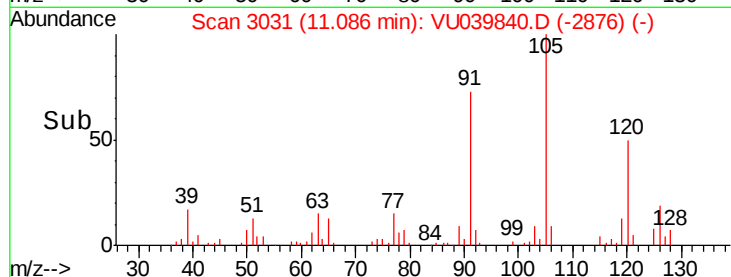
15000

10000

5000

0

Time--> 11.00 11.10 11.20



#76

4-Chlorotoluene

Concen: 1.633 ug/l

RT: 11.10 min Scan# 3034

Delta R.T. -0.00 min

Lab File: VU039840.D

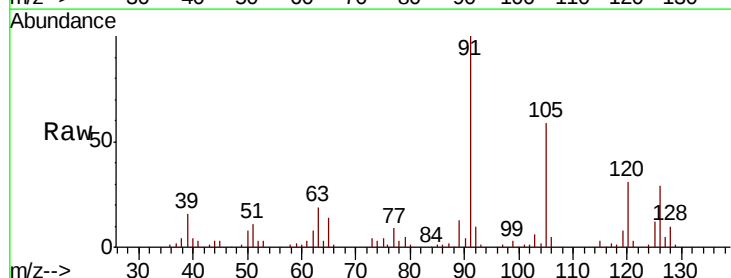
Acq: 12 Aug 2020 12:29

Tgt Ion:126 Resp: 12755

Ion Ratio Lower Upper

126 100

91 345.0 0.0 732.2



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0

11.10

30000

25000

20000

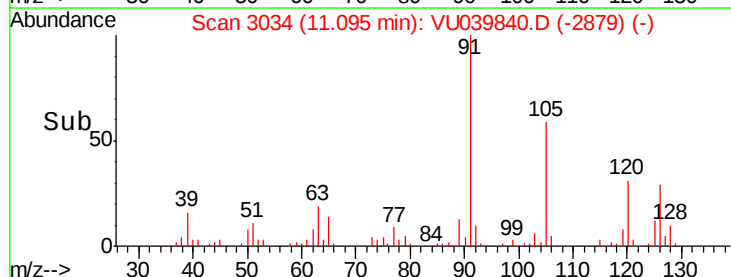
15000

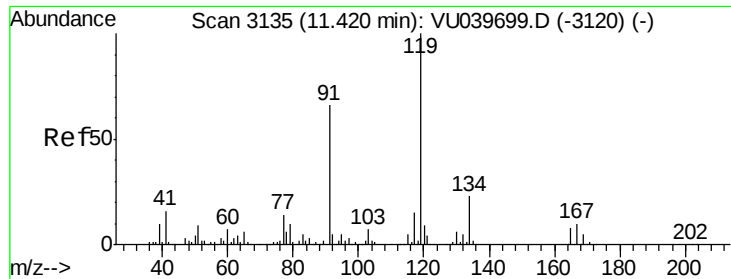
10000

5000

0

Time--> 11.05 11.10 11.15





#77

tert-Butylbenzene

Concen: 1.465 ug/l

RT: 11.42 min Scan# 3134

Delta R.T. -0.00 min

Lab File: VU039840.D

Acq: 12 Aug 2020 12:29

Instrument :

MSVOA_U

ClientSampleId :

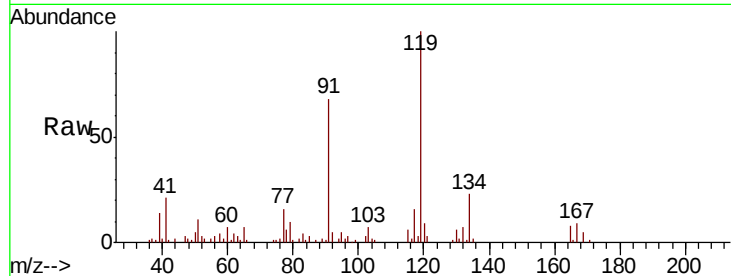
Tot Ion:119 Resp: 38571

Ion Ratio Lower Upper

119 100

91 65.7 31.9 95.5

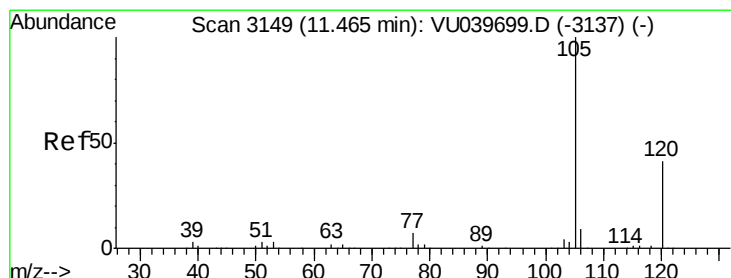
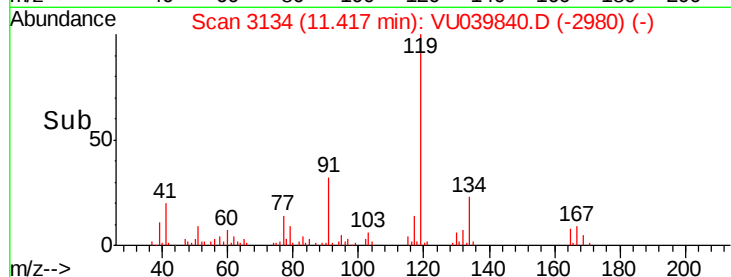
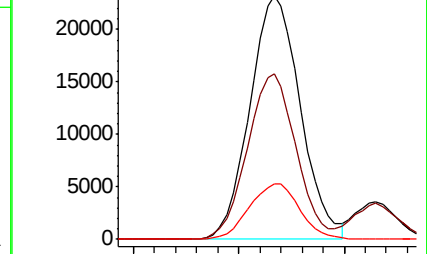
134 22.6 18.2 27.4



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: 1.539 ug/l

RT: 11.47 min Scan# 3149

Delta R.T. -0.00 min

Lab File: VU039840.D

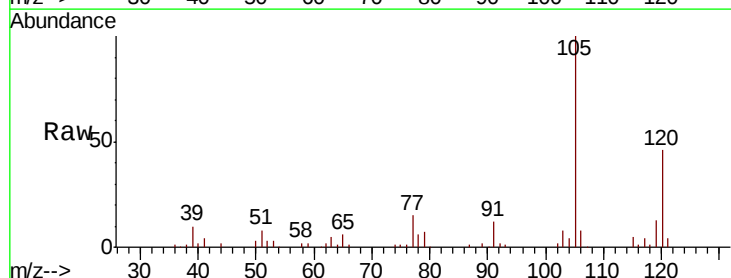
Acq: 12 Aug 2020 12:29

Tgt Ion:105 Resp: 43315

Ion Ratio Lower Upper

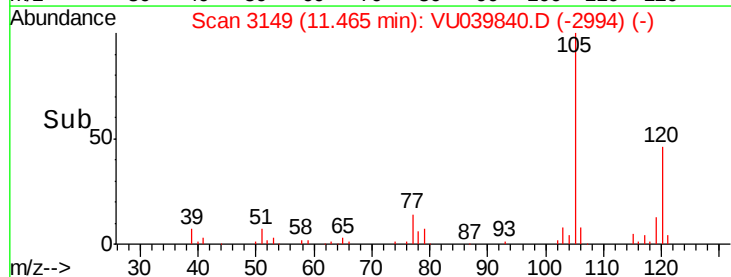
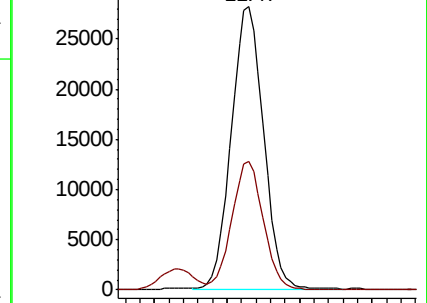
105 100

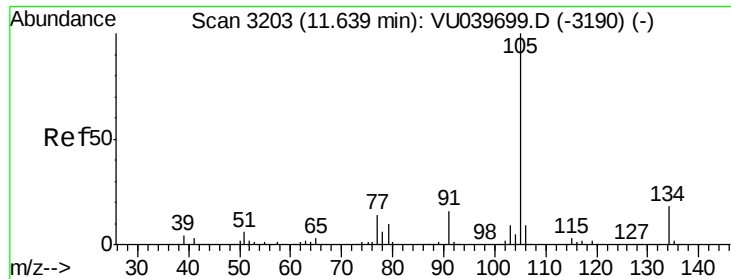
120 44.8 22.7 68.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#79

sec-Butylbenzene

Concen: 1.523 ug/l

RT: 11.64 min Scan# 3203

Delta R.T. -0.00 min

Lab File: VU039840.D

Acq: 12 Aug 2020 12:29

Instrument :

MSVOA_U

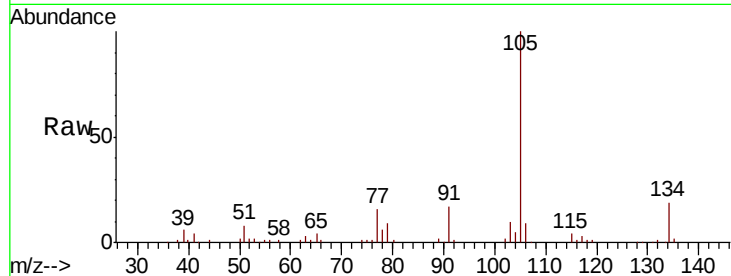
ClientSampled :

Tot Ion:105 Resp: 57077

Ion Ratio Lower Upper

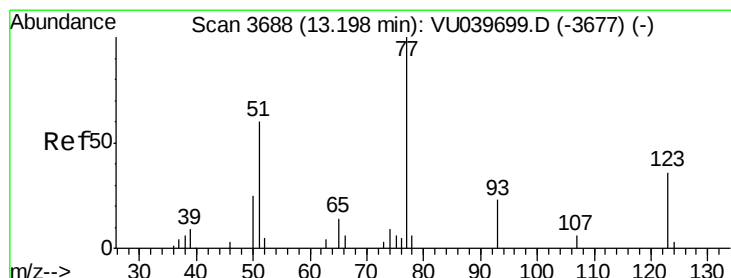
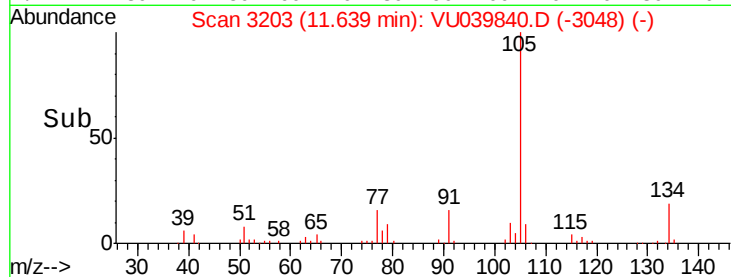
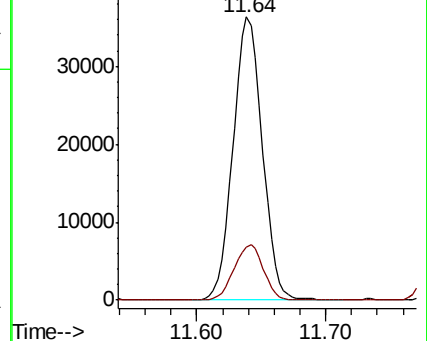
105 100

134 19.5 14.8 22.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#80

Nitrobenzene

Concen: 11.126 ug/l

RT: 13.20 min Scan# 3689

Delta R.T. 0.00 min

Lab File: VU039840.D

Acq: 12 Aug 2020 12:29

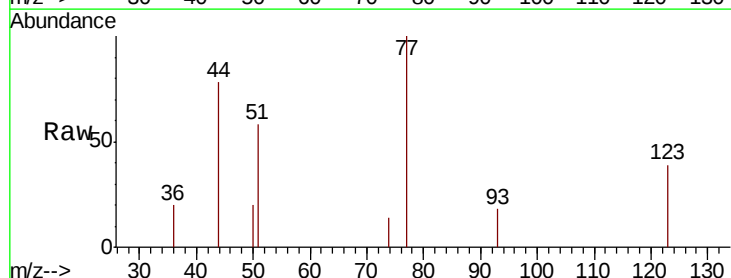
Tgt Ion: 77 Resp: 1517

Ion Ratio Lower Upper

77 100

123 35.1 16.9 59.9

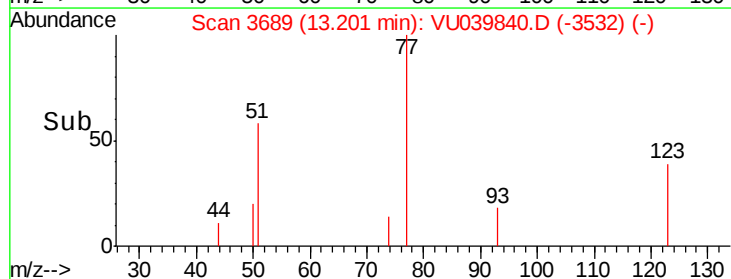
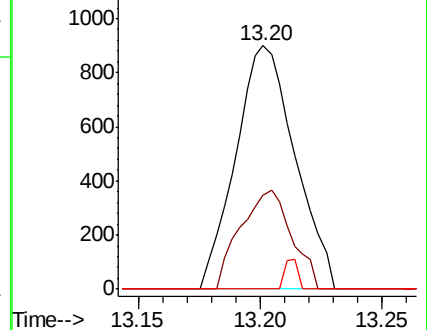
65 2.7 14.4 18.4#

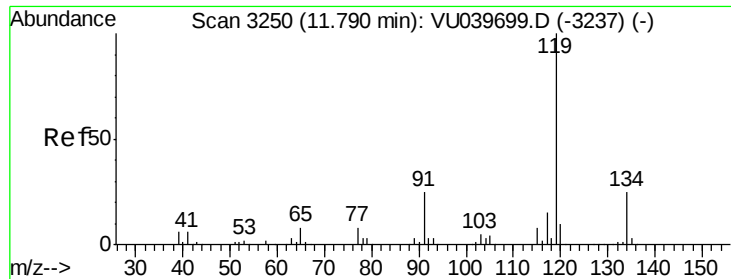


Abundance Ion 77.00 (76.70 to 77.70): VU0

Ion 123.00 (122.70 to 123.70): V

Ion 65.00 (64.70 to 65.70): VU0

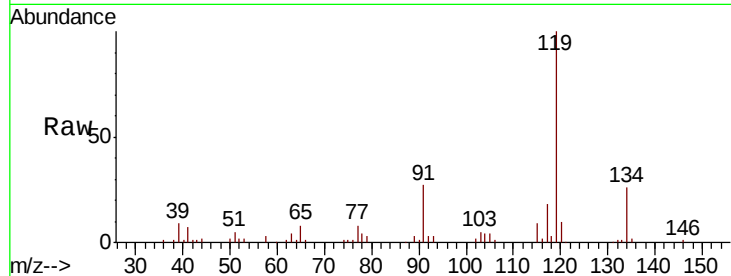




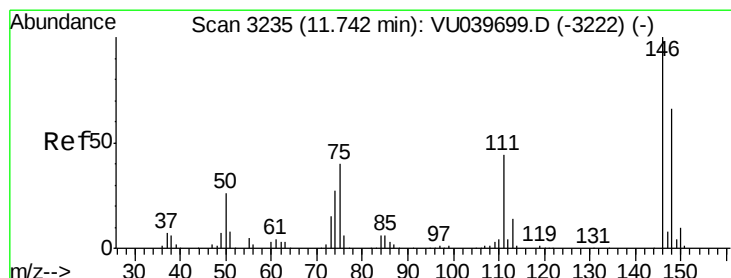
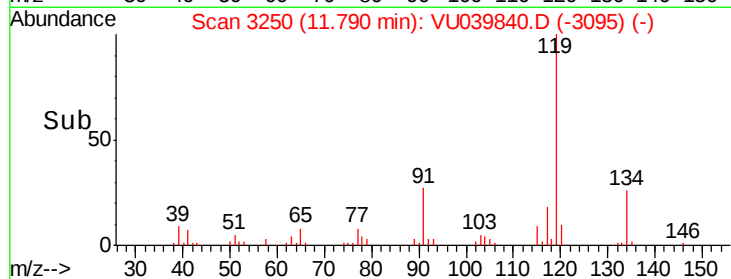
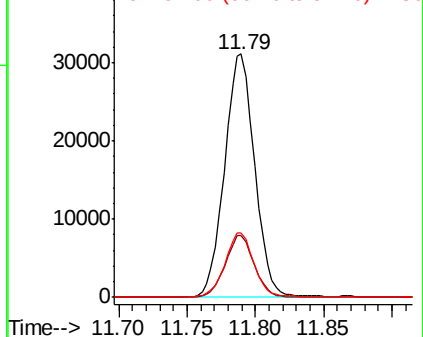
#81
 p-Isopropyltoluene
 Concen: 1.581 ug/l
 RT: 11.79 min Scan# 3250
 Delta R.T. -0.00 min
 Lab File: VU039840.D
 Acq: 12 Aug 2020 12:29

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
119	100		
134	24.3	20.2	30.4
91	25.5	20.7	31.1

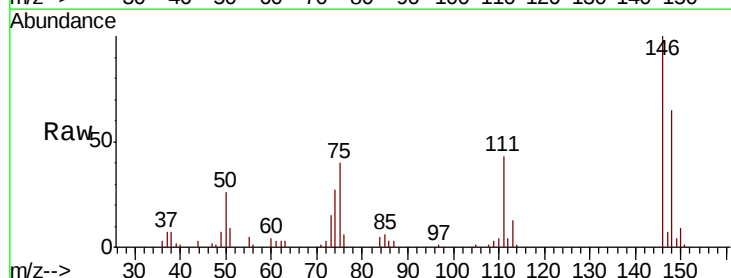


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V

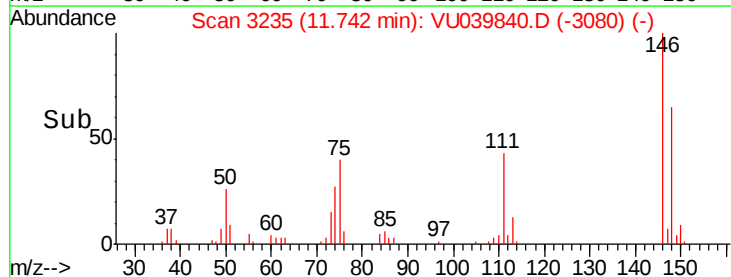
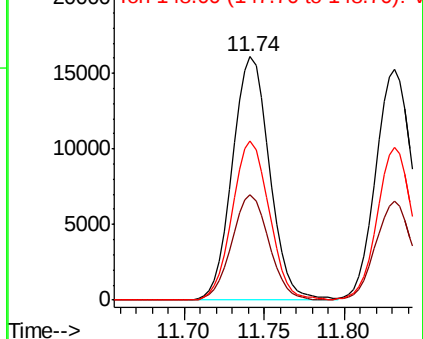


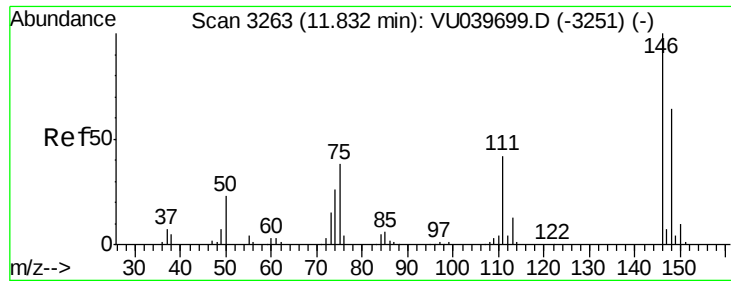
#82
 1,3-Dichlorobenzene
 Concen: 1.645 ug/l
 RT: 11.74 min Scan# 3235
 Delta R.T. -0.00 min
 Lab File: VU039840.D
 Acq: 12 Aug 2020 12:29

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.0	34.5	51.7
148	64.8	51.4	77.0



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

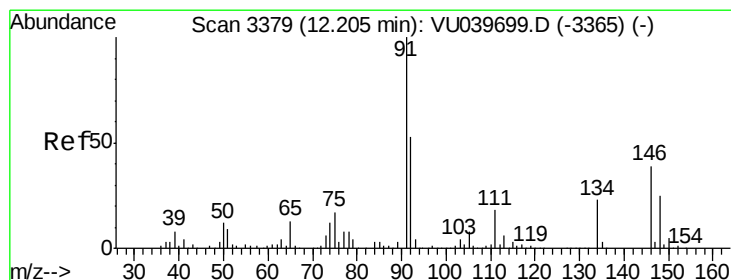
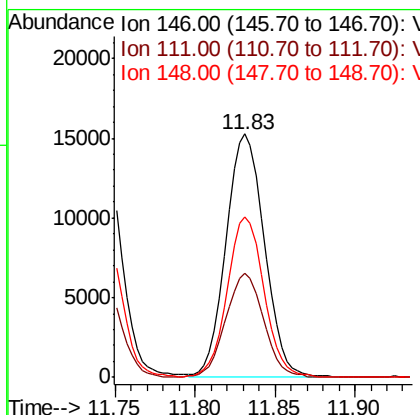
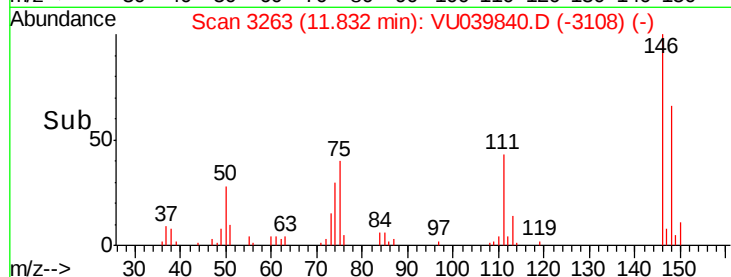
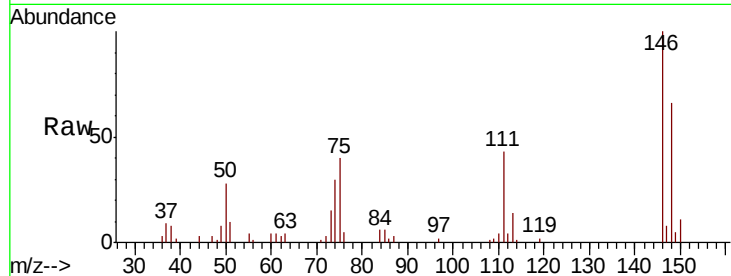




#83
 1,4-Dichlorobenzene
 Concen: 1.607 ug/l
 RT: 11.83 min Scan# 3263
 Delta R.T. -0.00 min
 Lab File: VU039840.D
 Acq: 12 Aug 2020 12:29

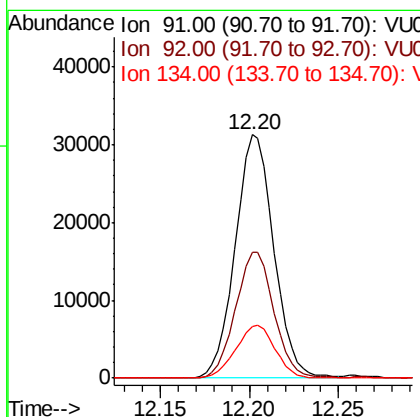
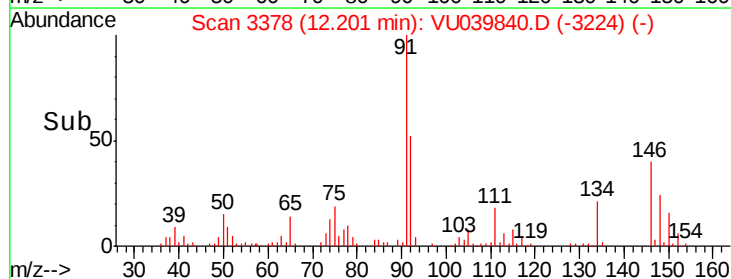
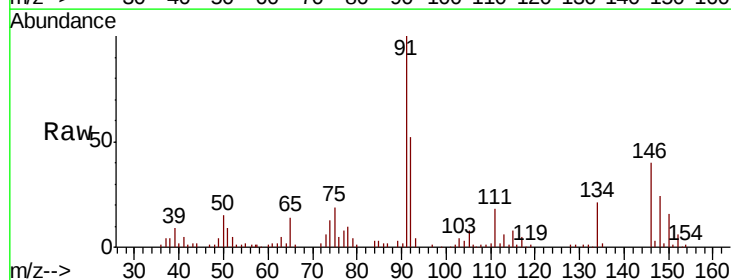
Instrument :
 MSVOA_U
 ClientSampleId :

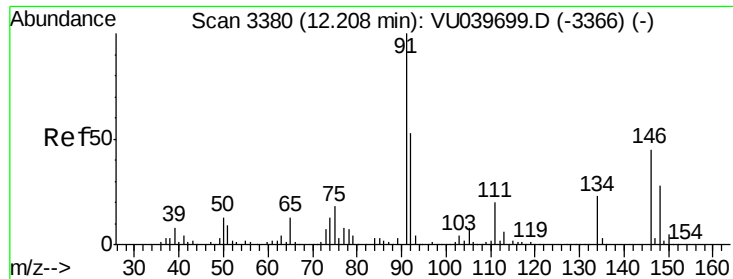
Tot Ion:146 Resp: 25079
 Ion Ratio Lower Upper
 146 100
 111 41.9 33.8 50.6
 148 62.9 51.1 76.7



#84
 n-Butylbenzene
 Concen: 1.475 ug/l
 RT: 12.20 min Scan# 3378
 Delta R.T. -0.00 min
 Lab File: VU039840.D
 Acq: 12 Aug 2020 12:29

Tgt Ion: 91 Resp: 47324
 Ion Ratio Lower Upper
 91 100
 92 51.8 42.6 64.0
 134 22.1 18.2 27.4

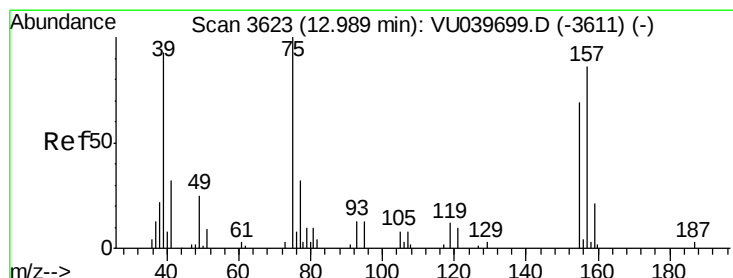
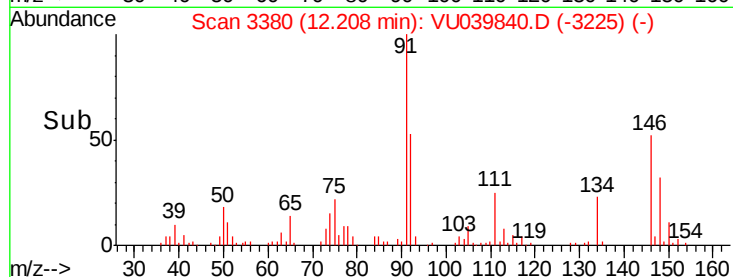
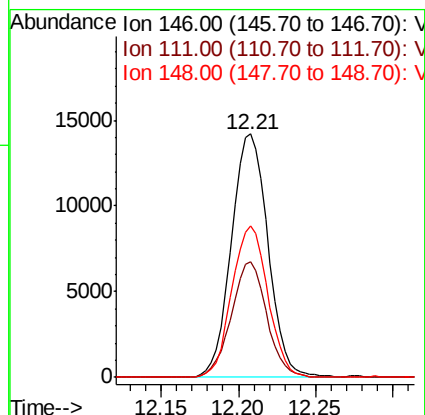
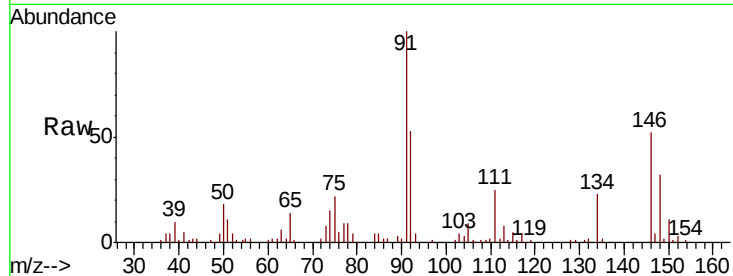




#85
 1,2-Dichlorobenzene
 Concen: 1.558 ug/l
 RT: 12.21 min Scan# 3380
 Delta R.T. -0.00 min
 Lab File: VU039840.D
 Acq: 12 Aug 2020 12:29

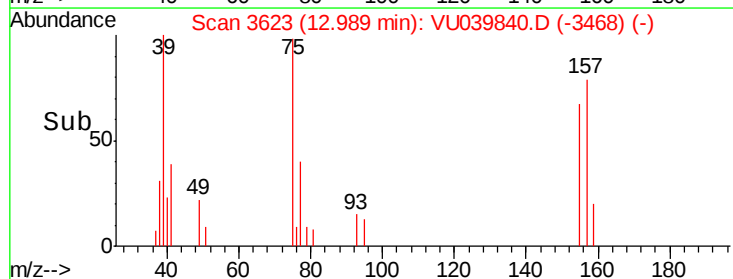
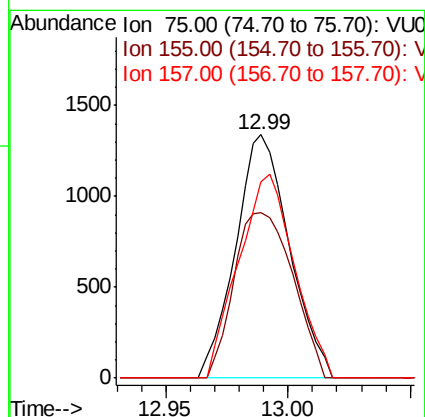
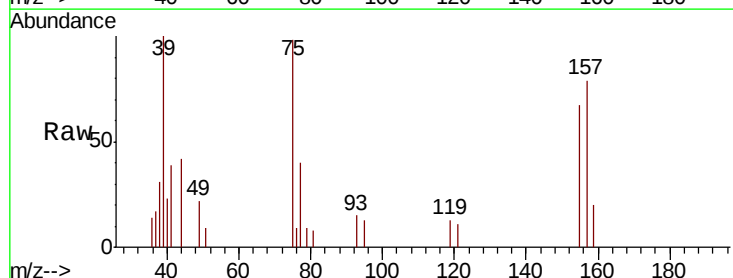
Instrument :
 MSVOA_U
 ClientSampleId :

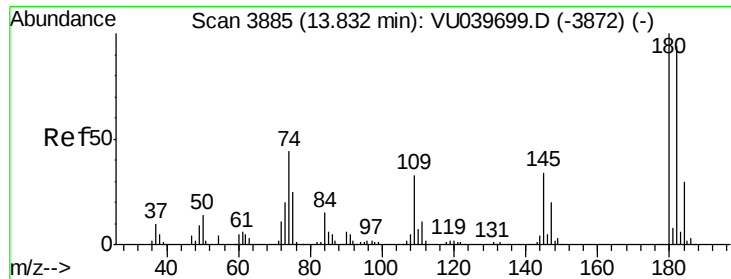
Tot Ion:146 Resp: 23300
 Ion Ratio Lower Upper
 146 100
 111 45.8 22.8 68.3
 148 61.2 31.7 95.1



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 1.509 ug/l
 RT: 12.99 min Scan# 3623
 Delta R.T. -0.00 min
 Lab File: VU039840.D
 Acq: 12 Aug 2020 12:29

Tgt Ion: 75 Resp: 2048
 Ion Ratio Lower Upper
 75 100
 155 74.7 52.9 79.3
 157 86.7 67.8 101.6

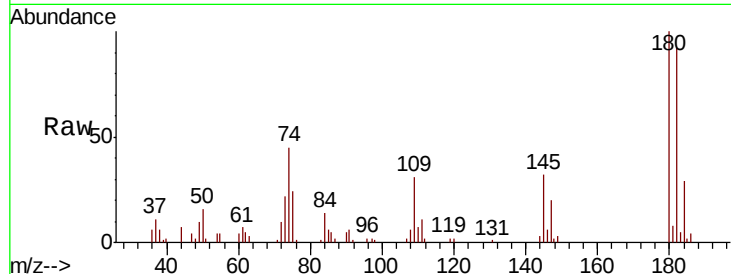




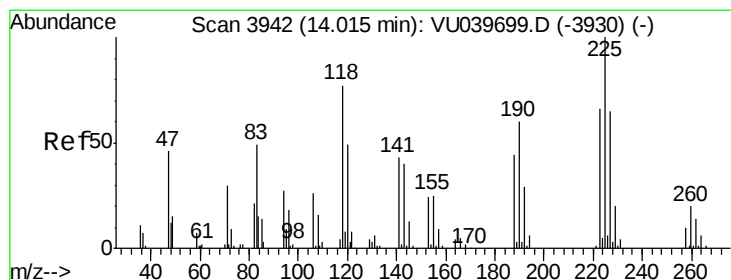
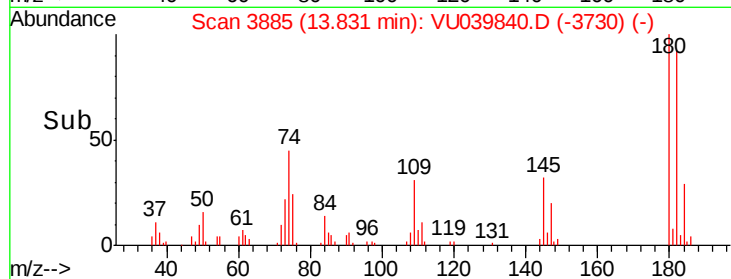
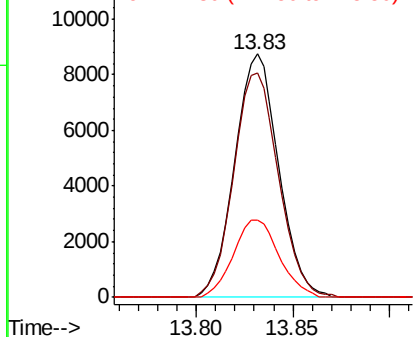
#87
 1,2,4-Trichlorobenzene
 Concen: 1.475 ug/l
 RT: 13.83 min Scan# 3885
 Delta R.T. -0.00 min
 Lab File: VU039840.D
 Acq: 12 Aug 2020 12:29

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion:180 Resp: 13800
 Ion Ratio Lower Upper
 180 100
 182 94.1 76.2 114.4
 145 33.2 26.8 40.2

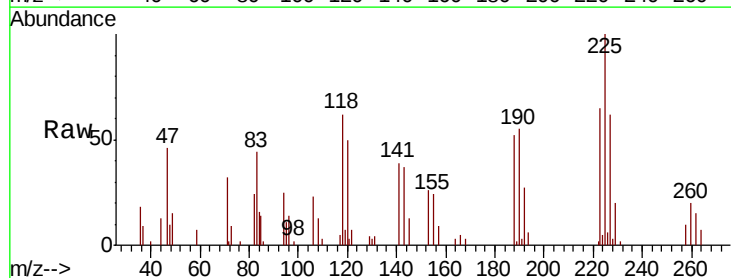


Abundance Ion 179.70 (179.40 to 180.40): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

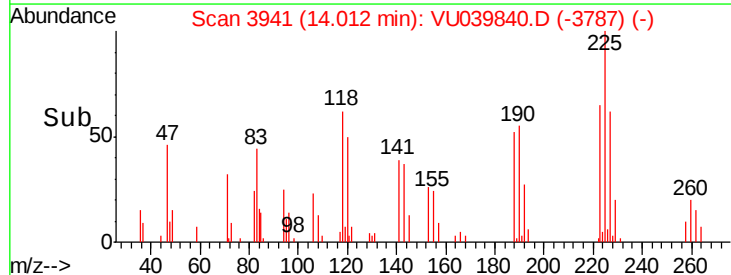
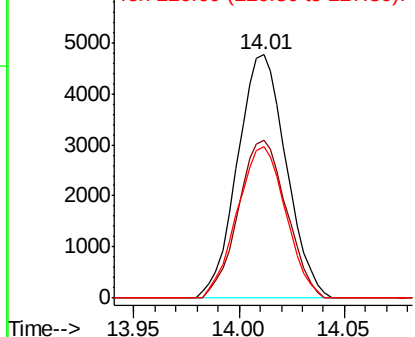


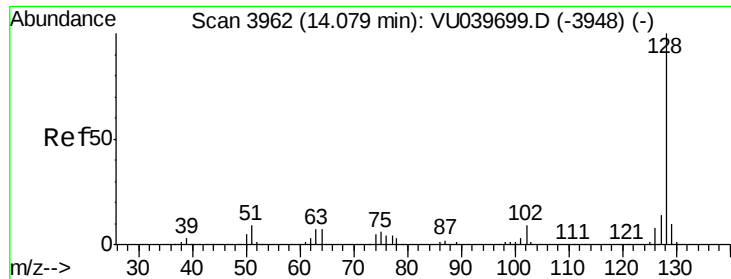
#88
 Hexachlorobutadiene
 Concen: 1.803 ug/l
 RT: 14.01 min Scan# 3941
 Delta R.T. -0.00 min
 Lab File: VU039840.D
 Acq: 12 Aug 2020 12:29

Tgt Ion:225 Resp: 7657
 Ion Ratio Lower Upper
 225 100
 223 63.9 52.4 78.6
 227 61.9 50.7 76.1



Abundance Ion 224.60 (224.30 to 225.30): V
 Ion 222.60 (222.30 to 223.30): V
 Ion 226.60 (226.30 to 227.30): V





#89

Naphthalene

Concen: 2.148 ug/l

RT: 14.08 min Scan# 3962

Delta R.T. -0.00 min

Lab File: VU039840.D

Acq: 12 Aug 2020 12:29

Instrument :

MSVOA_U

ClientSampleId :

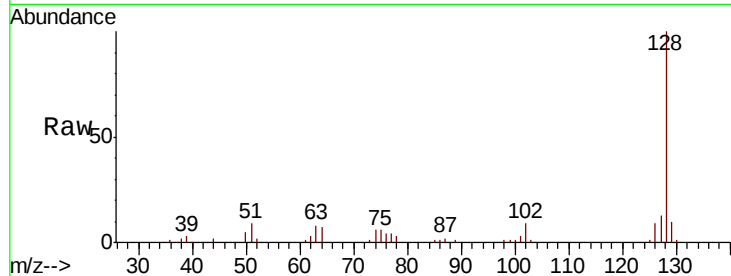
Tot Ion:128 Resp: 43000

Ion Ratio Lower Upper

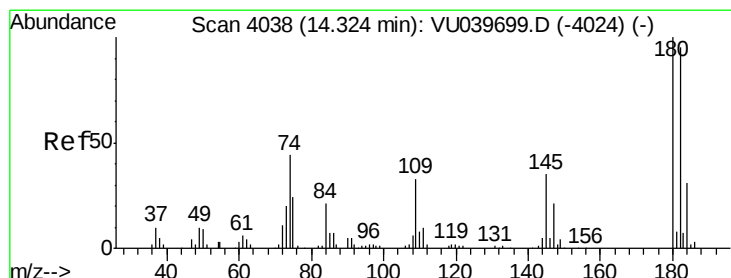
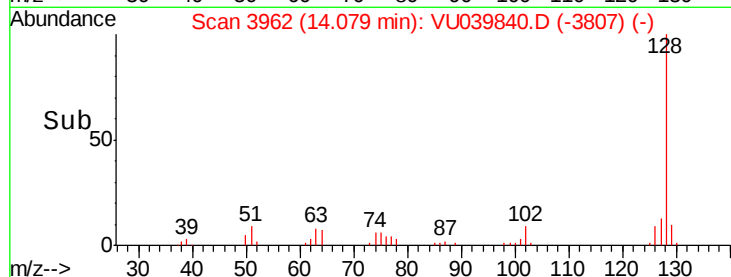
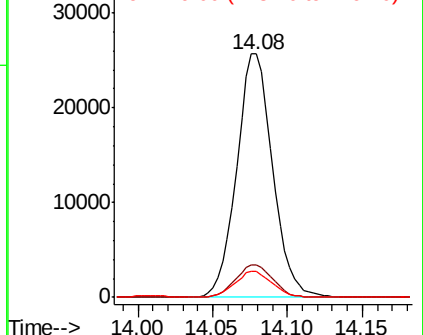
128 100

127 13.7 11.0 16.4

129 10.9 8.4 12.6



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: 2.093 ug/l

RT: 14.32 min Scan# 4037

Delta R.T. -0.00 min

Lab File: VU039840.D

Acq: 12 Aug 2020 12:29

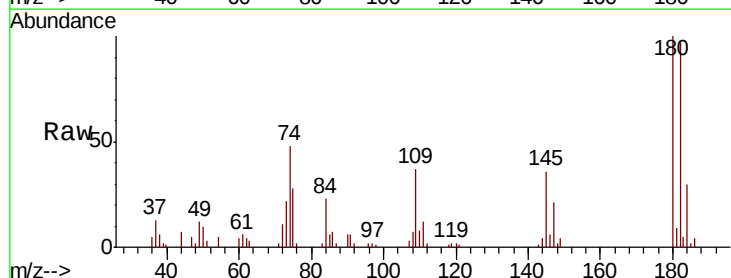
Tgt Ion:180 Resp: 18482

Ion Ratio Lower Upper

180 100

182 91.9 76.0 114.0

145 32.1 27.8 41.6



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

