

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080520\
 Data File : VU039744.D
 Acq On : 05 Aug 2020 11:51
 Operator : SY/MD
 Sample : VU0804WBS01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0804WBS01

Quant Time: Aug 06 01:54:14 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	6.13	96	22592	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.63	95	8270	0.94	ug/l	0.00
Spiked Amount 1.000			Recovery	=	94.00%	
68) 1,2-Dichlorobenzene-d4	12.19	152	7362	0.85	ug/l	0.00
Spiked Amount 1.000			Recovery	=	85.00%	
Target Compounds						
					Ovalue	
2) Dichlorodifluoromethane	1.39	85	14036	1.788	ug/l	97
3) Chloromethane	1.53	50	20076	2.059	ug/l	99
4) Vinyl Chloride	1.61	62	18518	2.060	ug/l	98
5) Bromomethane	1.86	94	10681	1.738	ug/l	100
6) Chloroethane	1.94	64	13190	2.115	ug/l	98
7) Trichlorofluoromethane	2.14	101	25803	2.171	ug/l	97
8) 1,1,2-Trichloro-1,2,2-trif	2.59	101	12306	1.804	ug/l	98
9) 1,1-Dichloroethene	2.59	96	11612	1.850	ug/l	92
10) Iodomethane	2.73	142	13099	2.069	ug/l	97
11) Allyl Chloride	2.93	41	19959	1.474	ug/l	96
12) Acrylonitrile	3.34	53	7333	3.328	ug/l #	90
13) Acetone	2.66	43	17153	8.274	ug/l	94
14) Carbon Disulfide	2.80	76	36515	1.586	ug/l	100
15) Methylene Chloride	3.06	84	16801	1.920	ug/l	98
16) trans-1,2-Dichloroethene	3.36	96	12517	1.754	ug/l	91
17) 1,1-Dichloroethane	3.89	63	27028	1.725	ug/l	99
18) 2-Butanone	4.74	43	25259	7.245	ug/l	98
19) Cyclohexane	5.40	56	22587m	1.489	ug/l	
20) Methylcyclohexane	6.77	83	20529	1.827	ug/l	95
21) 2,2-Dichloropropane	4.68	77	11699	0.915	ug/l	98
22) cis-1,2-Dichloroethene	4.68	96	13426	1.745	ug/l	90
23) Diethyl Ether	2.39	59	13930	2.170	ug/l	97
24) tert-Butyl Alcohol	3.25	59	10948m	6.537	ug/l	
25) Methyl tert-Butyl Ether	3.38	73	33442	1.633	ug/l	99
26) Bromochloromethane	4.99	128	5709	1.814	ug/l	92
27) Chloroform	5.11	83	25533	1.741	ug/l	100
28) 1,1,1-Trichloroethane	5.33	97	20714	1.745	ug/l	98
29) 1,1-Dichloropropene	5.54	75	18560	1.624	ug/l	97
30) Carbon Tetrachloride	5.54	117	16962	1.748	ug/l	99
31) Isopropyl Ether	4.02	45	46601	1.630	ug/l	98
32) Ethyl-t-butyl ether	4.52	59	39354	1.618	ug/l	99
33) Tert-Amyl methyl ether	5.96	73	32355	1.845	ug/l	99
34) Propionitrile	4.82	54	7295	8.482	ug/l #	77
35) Benzene	5.79	78	55052	1.948	ug/l	99
36) 1,2-Dichloroethane	5.81	62	19699	1.859	ug/l	99
37) Trichloroethene	6.55	130	12553	1.941	ug/l	98
38) 1,2-Dichloropropane	6.80	63	15564	1.998	ug/l	93
39) Methacrylonitrile	5.00	41	6378	1.407	ug/l	97
40) Methyl acrylate	4.86	55	9834	1.683	ug/l #	95
41) Tetrahydrofuran	5.09	42	6745	2.958	ug/l	93
42) 1-Chlorobutane	5.47	56	29513	1.645	ug/l	99

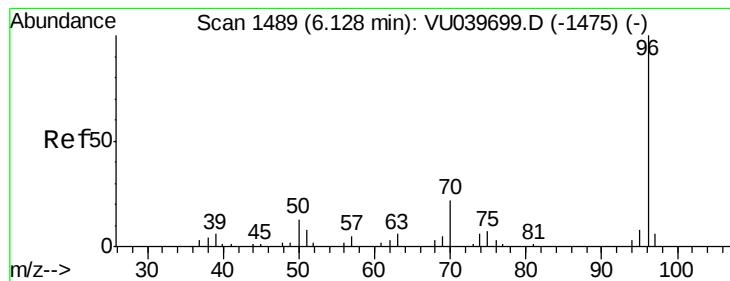
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 QLast Update : Fri Jul 31 07:12:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.93	93	7592	1.811	ug/l	97
44) Bromodichloromethane	7.11	83	18713	1.947	ug/l	99
45) 4-Methyl-2-Pentanone	7.80	43	58222	9.167	ug/l	97
46) t-1,4-Dichloro-2-butene	10.83	75	4609m	2.440	ug/l	
47) Methyl methacrylate	6.97	69	14936	3.820	ug/l	98
48) Ethyl methacrylate	8.34	69	12727	1.768	ug/l	99
49) Toluene	7.98	92	31388	1.865	ug/l	97
50) t-1,3-Dichloropropene	8.22	75	14495	1.674	ug/l	96
51) cis-1,3-Dichloropropene	7.62	75	17620	1.732	ug/l	97
52) 1,1,2-Trichloroethane	8.41	97	10022	1.840	ug/l	94
53) 1,3-Dichloropropane	8.58	76	20245	1.936	ug/l	99
54) 2-Hexanone	8.69	43	40921	8.999	ug/l	97
55) Dibromochloromethane	8.82	129	10815	1.849	ug/l	100
56) 1,2-Dibromoethane	8.93	107	9080	1.730	ug/l	98
58) Tetrachloroethene	8.56	164	11178	1.974	ug/l	93
59) Chlorobenzene	9.45	112	31515	1.811	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.54	131	10753	1.833	ug/l	98
61) Pentachloroethane	11.43	117	8193	1.590	ug/l	92
62) Hexachloroethane	12.47	117	7904	1.673	ug/l	96
63) Ethyl Benzene	9.57	91	55032	1.765	ug/l	99
64) m/p-Xylenes	9.70	106	41720	3.425	ug/l	96
65) o-Xylene	10.10	106	20729	1.792	ug/l	97
66) Styrene	10.11	104	32936	1.662	ug/l	97
67) Bromoform	10.29	173	5218	1.749	ug/l #	95
69) Isopropylbenzene	10.48	105	51911	1.680	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.78	83	14188	1.809	ug/l	98
71) 1,2,3-Trichloropropane	10.83	75	10223m	1.731	ug/l	
72) Bromobenzene	10.78	156	11854	1.689	ug/l	94
73) n-propylbenzene	10.91	120	14632	1.684	ug/l	98
74) 2-Chlorotoluene	10.99	126	12411	1.691	ug/l	93
75) 1,3,5-Trimethylbenzene	11.09	105	45575	1.706	ug/l	98
76) 4-Chlorotoluene	11.10	126	13448	1.769	ug/l	99
77) tert-Butylbenzene	11.42	119	42506	1.659	ug/l	98
78) 1,2,4-Trimethylbenzene	11.46	105	46992	1.716	ug/l	99
79) sec-Butylbenzene	11.64	105	60250	1.652	ug/l	100
80) Nitrobenzene	13.20	77	995	7.499	ug/l #	73
81) p-Isopropyltoluene	11.79	119	47582	1.619	ug/l	98
82) 1,3-Dichlorobenzene	11.74	146	25575	1.694	ug/l	98
83) 1,4-Dichlorobenzene	11.83	146	25739	1.694	ug/l	98
84) n-Butylbenzene	12.20	91	49033	1.571	ug/l	96
85) 1,2-Dichlorobenzene	12.21	146	23621	1.623	ug/l	99
86) 1,2-Dibromo-3-Chloropropan	12.99	75	2287	1.731	ug/l	89
87) 1,2,4-Trichlorobenzene	13.83	180	12760	1.402	ug/l	96
88) Hexachlorobutadiene	14.01	225	6598	1.596	ug/l	98
89) Naphthalene	14.08	128	26025	1.336	ug/l	100
90) 1,2,3-Trichlorobenzene	14.32	180	12614	1.468	ug/l	99

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



#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 6.13 min Scan# 1489

Delta R.T. -0.00 min

Lab File: VU039744.D

Acq: 05 Aug 2020 11:51

Instrument :

MSVOA_U

ClientSampleId :

VU0804WBS01

Tot Ion: 96 Resp: 22592

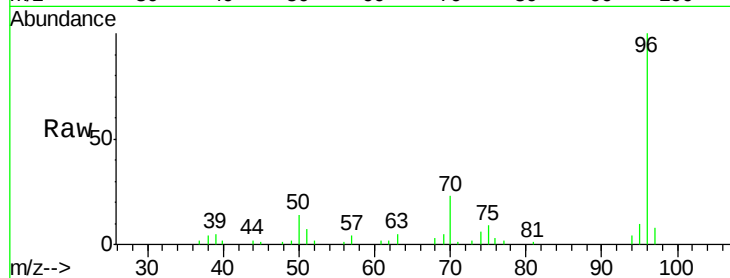
Ion Ratio Lower Upper

96 100

70 22.0 16.3 24.5

95 9.7 6.8 10.2

97 7.2 0.0 0.0#

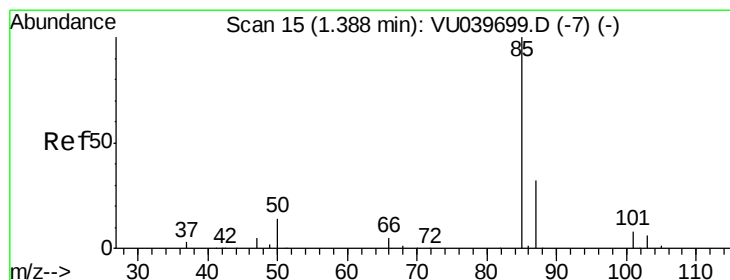
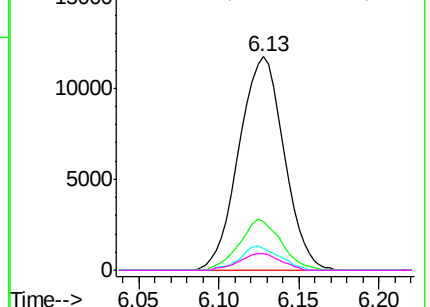
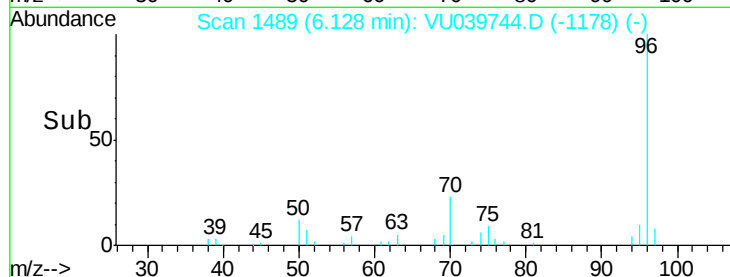


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0



#2

Dichlorodifluoromethane

Concen: 1.788 ug/l

RT: 1.39 min Scan# 15

Delta R.T. -0.00 min

Lab File: VU039744.D

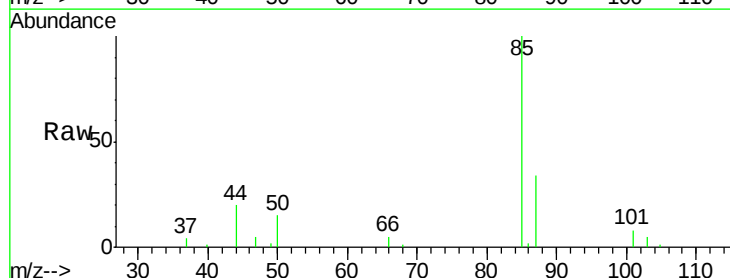
Acq: 05 Aug 2020 11:51

Tgt Ion: 85 Resp: 14036

Ion Ratio Lower Upper

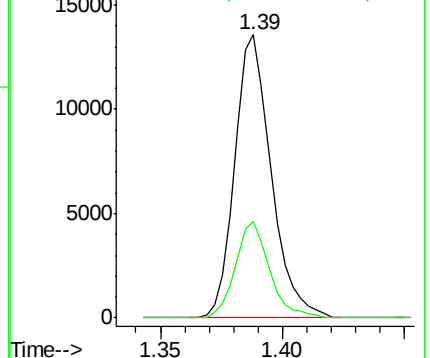
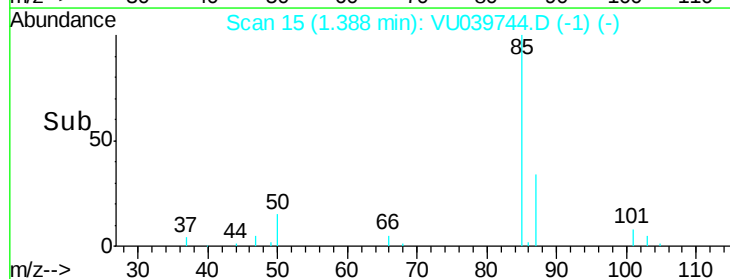
85 100

87 34.2 16.2 48.6



Abundance Ion 85.00 (84.70 to 85.70): VU0

Ion 87.00 (86.70 to 87.70): VU0

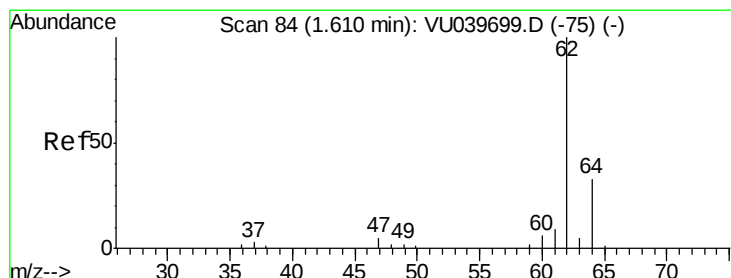
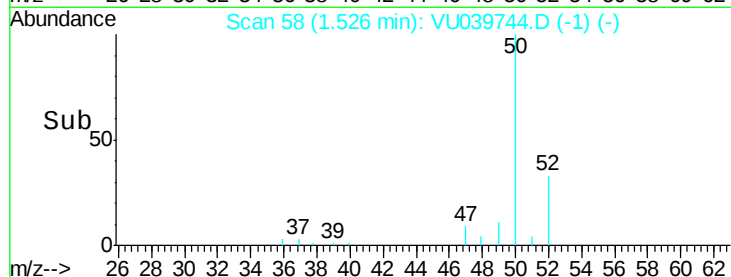
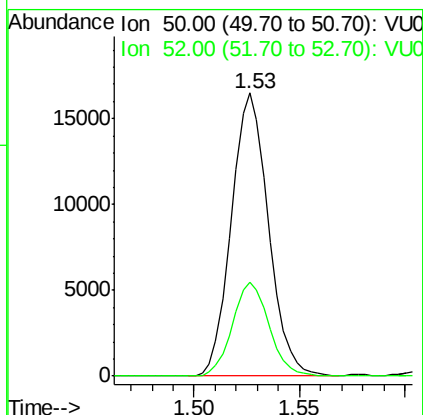
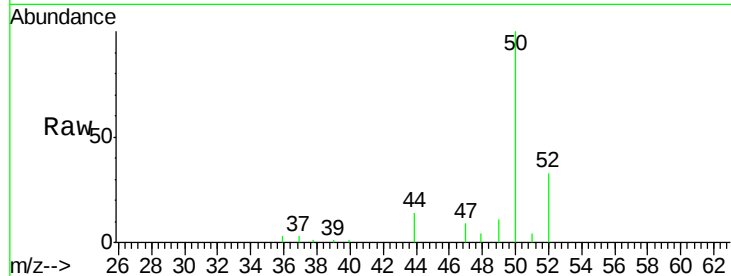




#3
 Chloromethane
 Concen: 2.059 ug/l
 RT: 1.53 min Scan# 58
 Delta R.T. -0.00 min
 Lab File: VU039744.D
 Acq: 05 Aug 2020 11:51

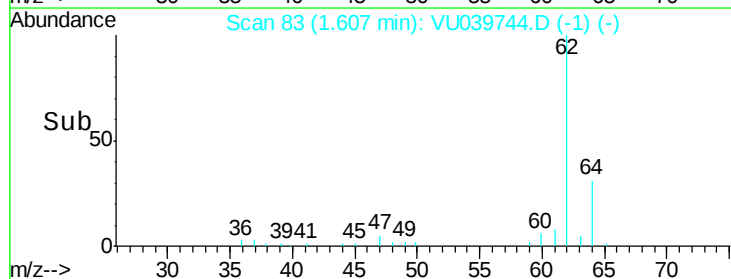
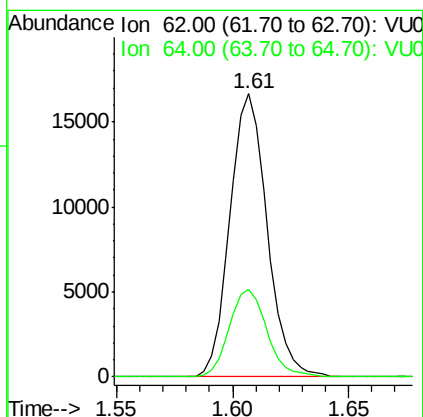
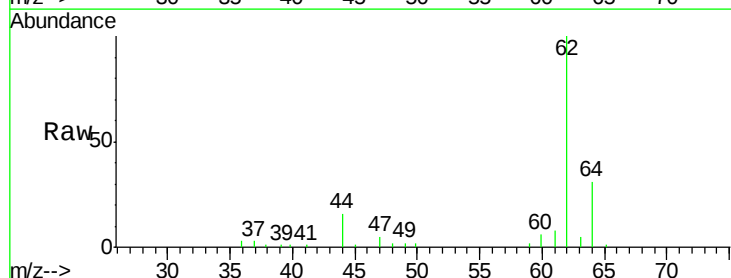
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0804WBS01

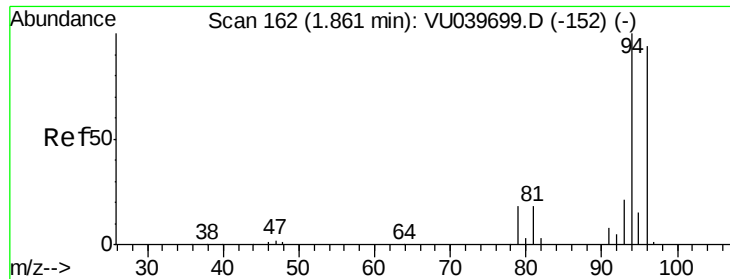
Tot Ion: 50 Resp: 20076
 Ion Ratio Lower Upper
 50 100
 52 33.2 26.0 39.0



#4
 Vinyl Chloride
 Concen: 2.060 ug/l
 RT: 1.61 min Scan# 83
 Delta R.T. -0.00 min
 Lab File: VU039744.D
 Acq: 05 Aug 2020 11:51

Tgt Ion: 62 Resp: 18518
 Ion Ratio Lower Upper
 62 100
 64 31.1 26.0 39.0

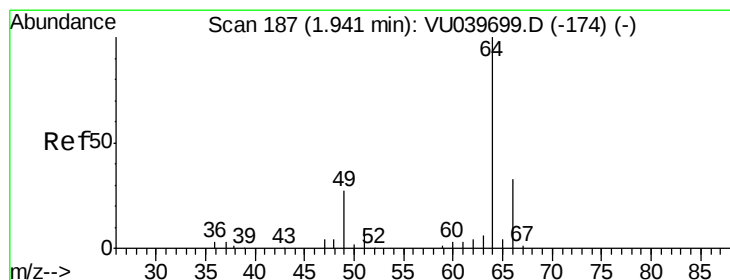
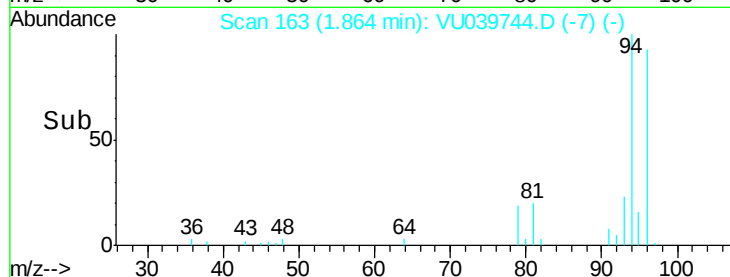
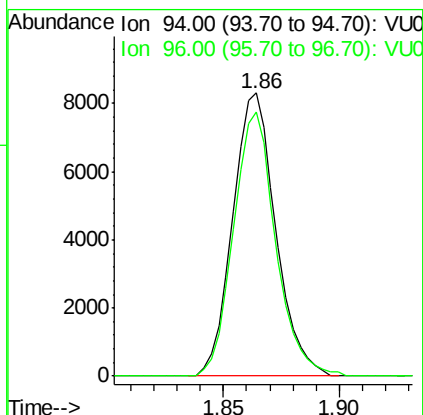
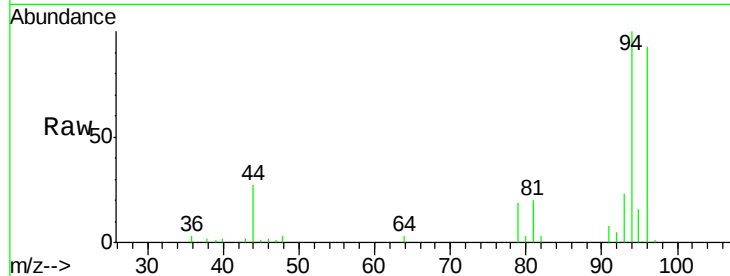




#5
Bromomethane
Concen: 1.738 ug/l
RT: 1.86 min Scan# 163
Delta R.T. 0.00 min
Lab File: VU039744.D
Acq: 05 Aug 2020 11:51

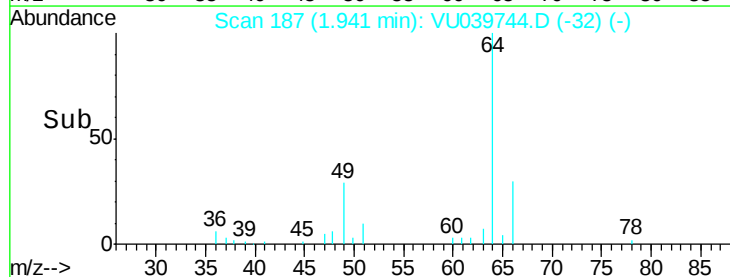
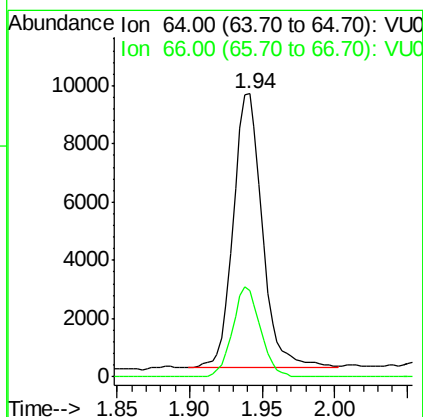
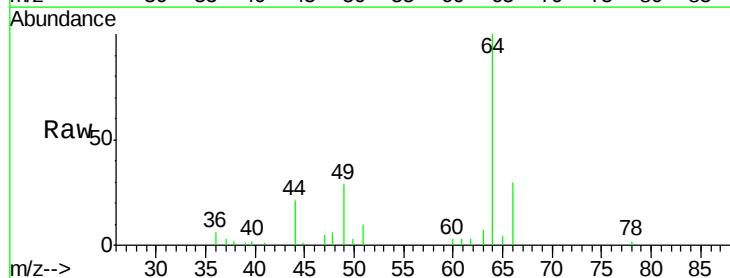
Instrument :
MSVOA_U
ClientSampleId :
VU0804WBS01

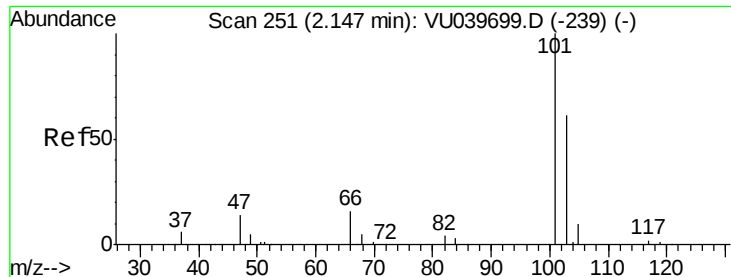
Tot Ion: 94 Resp: 10681
Ion Ratio Lower Upper
94 100
96 93.5 75.0 112.6



#6
Chloroethane
Concen: 2.115 ug/l
RT: 1.94 min Scan# 187
Delta R.T. -0.00 min
Lab File: VU039744.D
Acq: 05 Aug 2020 11:51

Tgt Ion: 64 Resp: 13190
Ion Ratio Lower Upper
64 100
66 31.3 26.2 39.2



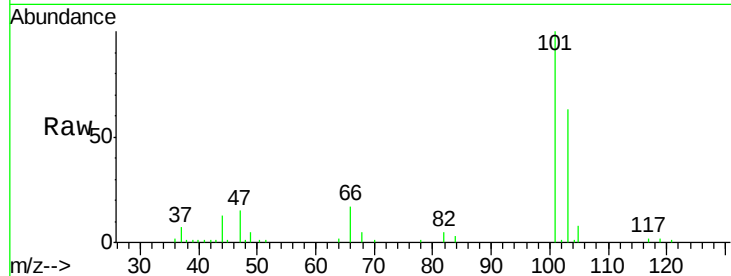


#7

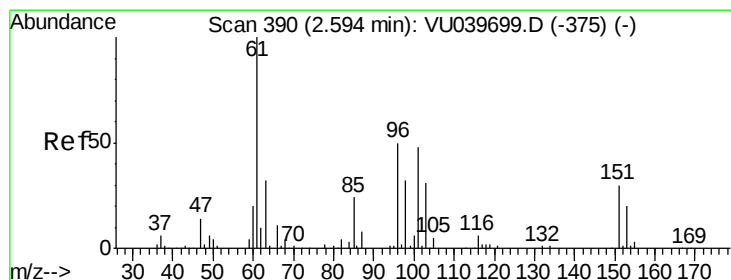
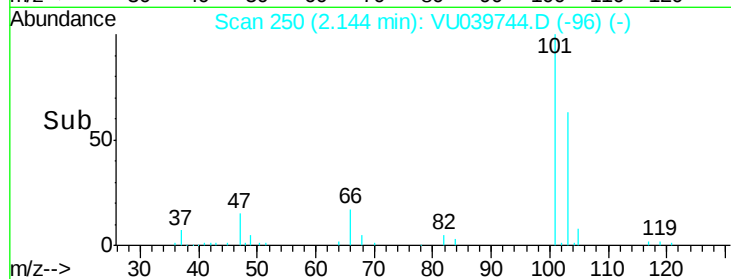
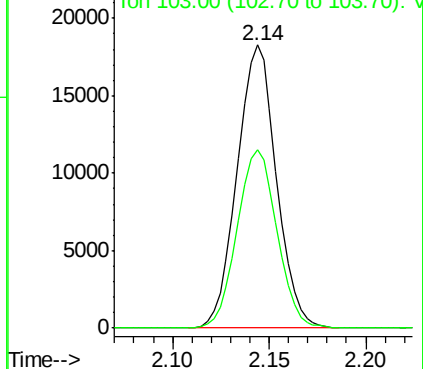
Trichlorofluoromethane
 Concen: 2.171 ug/l
 RT: 2.14 min Scan# 250
 Delta R.T. -0.00 min
 Lab File: VU039744.D
 Acq: 05 Aug 2020 11:51

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0804WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.1	48.8	73.2



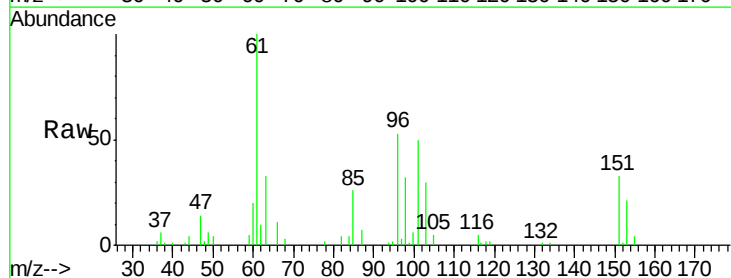
Abundance Ion 101.00 (100.70 to 101.70): V
 Ion 103.00 (102.70 to 103.70): V



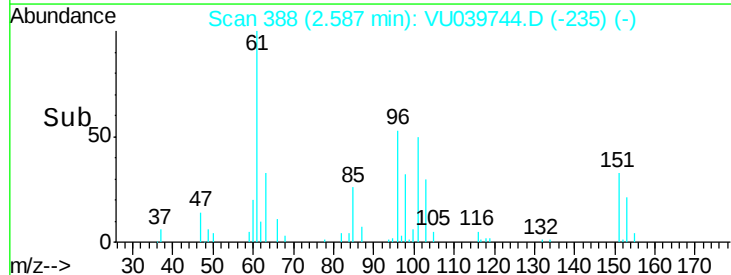
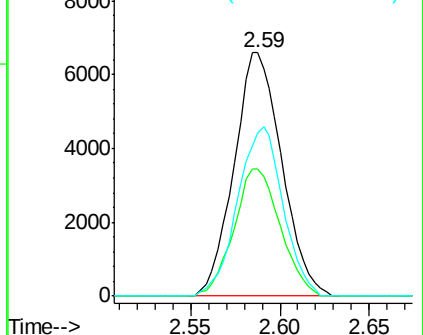
#8

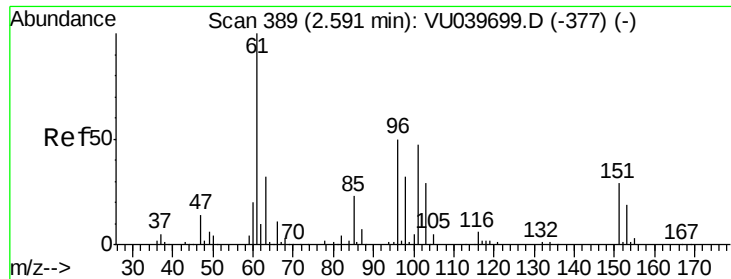
1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.804 ug/l
 RT: 2.59 min Scan# 388
 Delta R.T. -0.01 min
 Lab File: VU039744.D
 Acq: 05 Aug 2020 11:51

Tgt Ion	Ratio	Lower	Upper
101	100		
85	50.8	39.9	59.9
151	66.3	51.0	76.4



Abundance Ion 101.00 (100.70 to 101.70): V
 Ion 85.00 (84.70 to 85.70): VU
 Ion 151.00 (150.70 to 151.70): V





#9

1,1-Dichloroethene

Concen: 1.850 ug/l

RT: 2.59 min Scan# 388

Delta R.T. -0.00 min

Lab File: VU039744.D

Acq: 05 Aug 2020 11:51

Instrument :

MSVOA_U

ClientSampleId :

VU0804WBS01

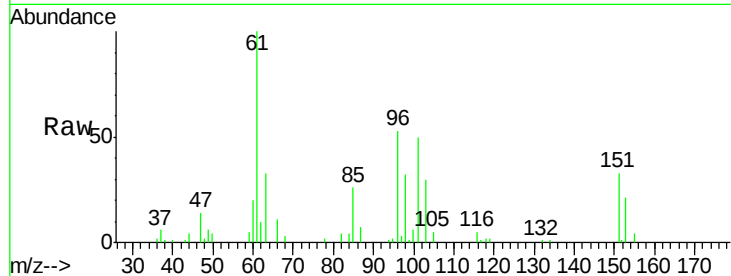
Tot Ion: 96 Resp: 11612

Ion Ratio Lower Upper

96 100

61 187.1 0.0 604.5

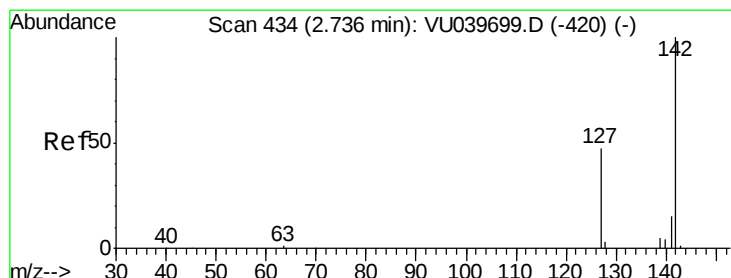
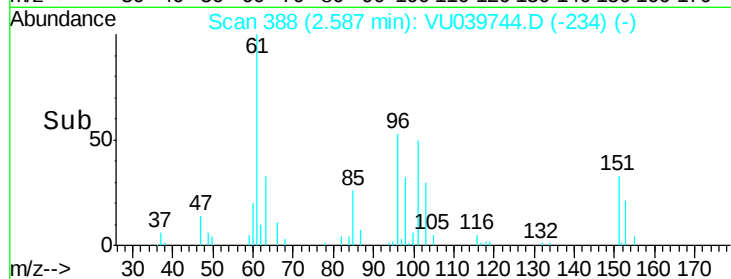
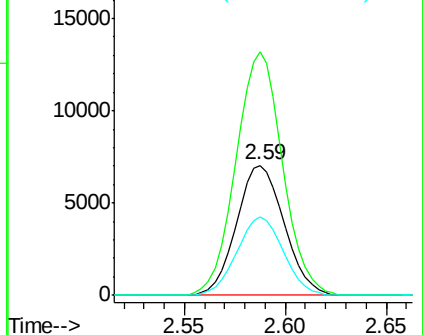
98 59.9 0.0 127.2



Abundance Ion 96.00 (95.70 to 96.70): VU039699.D (-377) (-)

Ion 61.00 (60.70 to 61.70): VU039699.D (-377) (-)

Ion 98.00 (97.70 to 98.70): VU039699.D (-377) (-)



#10

Iodomethane

Concen: 2.069 ug/l

RT: 2.73 min Scan# 433

Delta R.T. -0.00 min

Lab File: VU039744.D

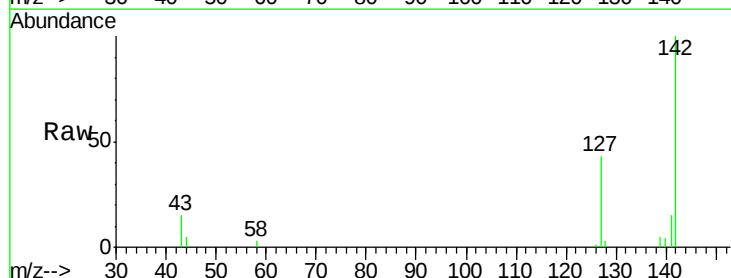
Acq: 05 Aug 2020 11:51

Tgt Ion: 142 Resp: 13099

Ion Ratio Lower Upper

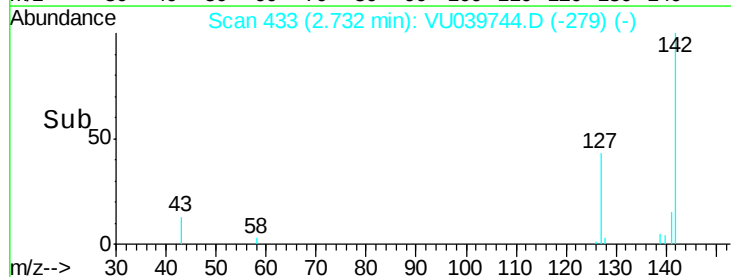
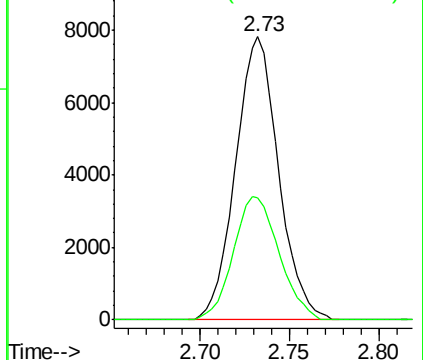
142 100

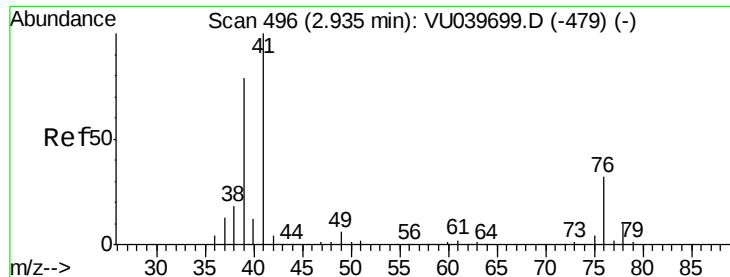
127 46.3 38.4 57.6



Abundance Ion 142.00 (141.70 to 142.70): VU039699.D (-420) (-)

Ion 127.00 (126.70 to 127.70): VU039699.D (-420) (-)

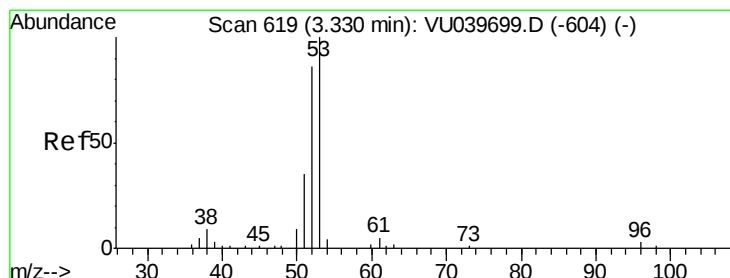
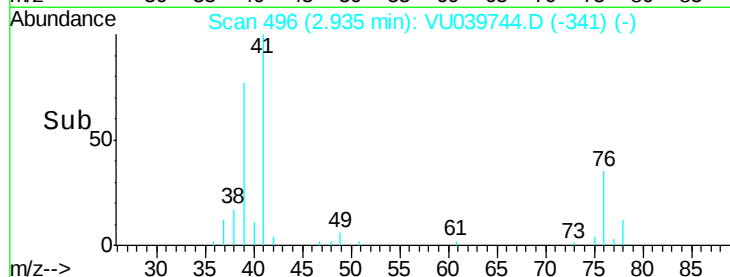
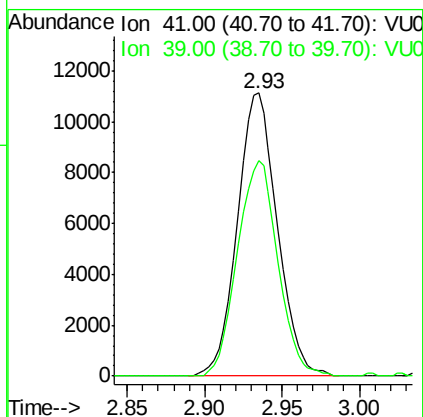
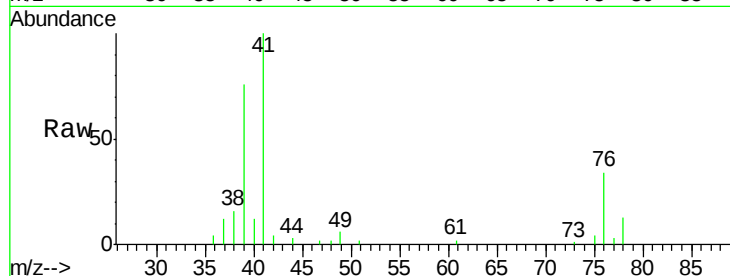




#11
 Allvl Chloride
 Concen: 1.474 ug/l
 RT: 2.93 min Scan# 496
 Delta R.T. -0.00 min
 Lab File: VU039744.D
 Acq: 05 Aug 2020 11:51

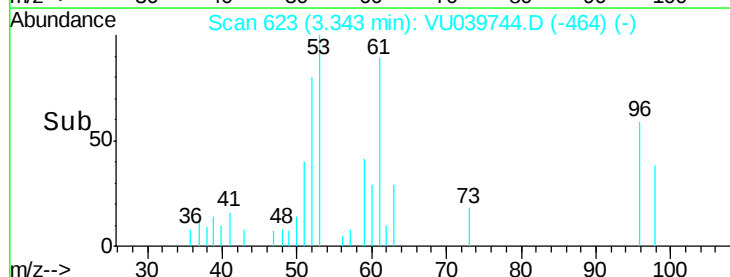
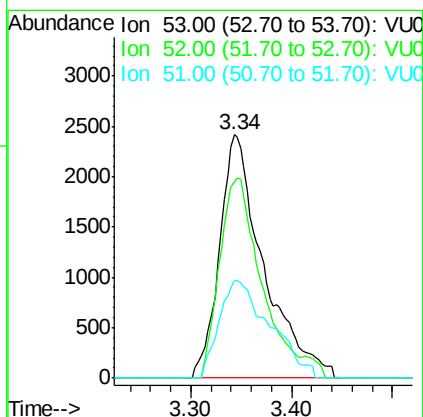
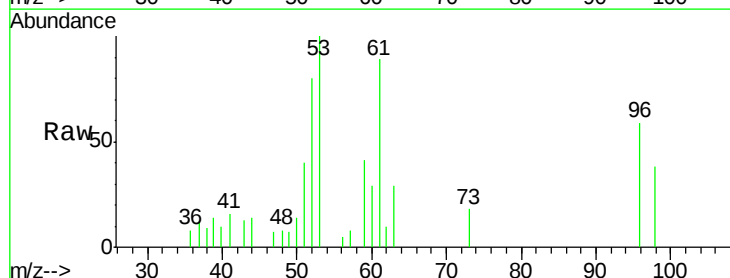
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0804WBS01

Tot Ion: 41 Resp: 19959
 Ion Ratio Lower Upper
 41 100
 39 77.0 64.2 96.2



#12
 Acrylonitrile
 Concen: 3.328 ug/l
 RT: 3.34 min Scan# 623
 Delta R.T. 0.01 min
 Lab File: VU039744.D
 Acq: 05 Aug 2020 11:51

Tgt Ion: 53 Resp: 7333
 Ion Ratio Lower Upper
 53 100
 52 79.8 69.1 103.7
 51 46.1 29.4 44.2#





#13

Acetone

Concen: 8.274 ug/l

RT: 2.66 min Scan# 412

Delta R.T. 0.03 min

Lab File: VU039744.D

Acq: 05 Aug 2020 11:51

Instrument :

MSVOA_U

ClientSampleId :

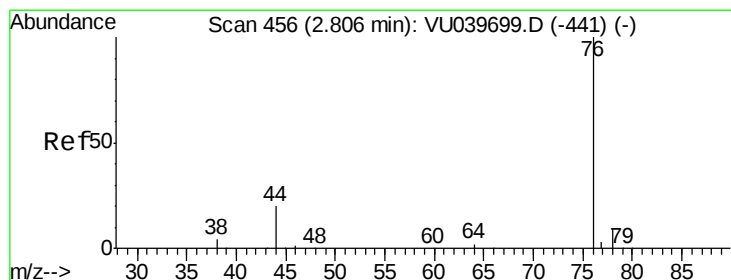
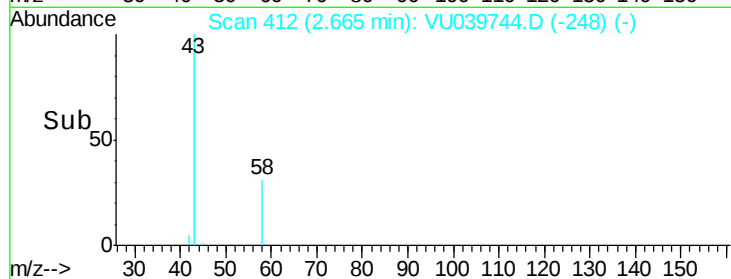
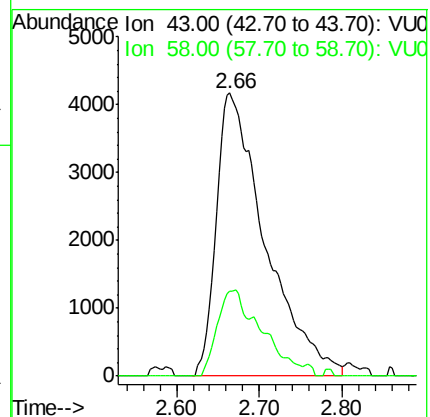
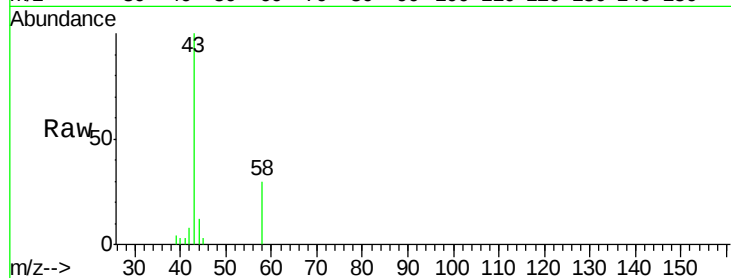
VU0804WBS01

Tot Ion: 43 Resp: 17153

Ion Ratio Lower Upper

43 100

58 30.1 21.8 32.6



#14

Carbon Disulfide

Concen: 1.586 ug/l

RT: 2.80 min Scan# 454

Delta R.T. -0.01 min

Lab File: VU039744.D

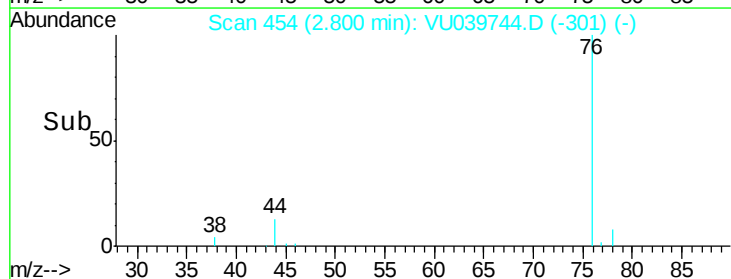
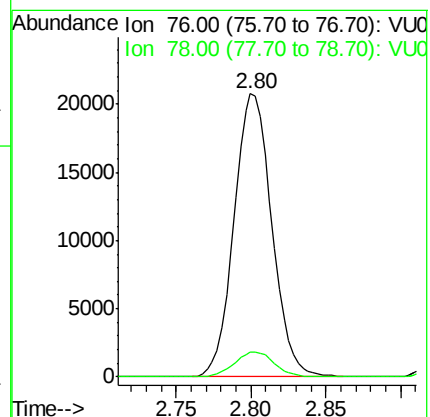
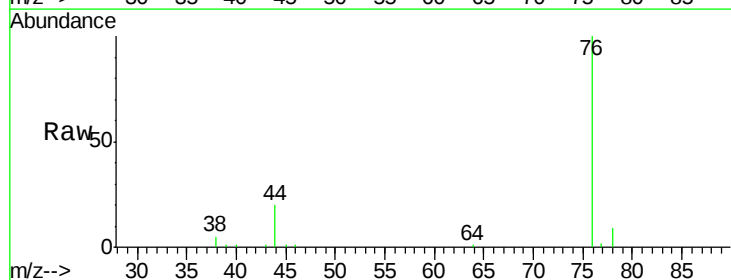
Acq: 05 Aug 2020 11:51

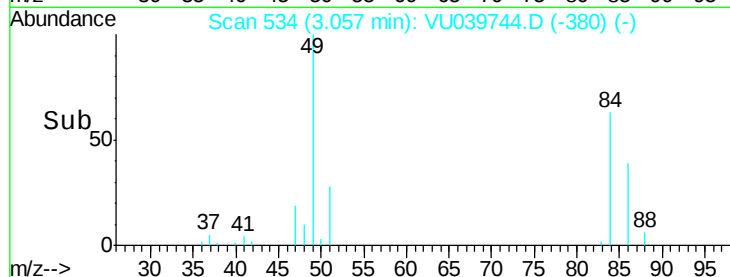
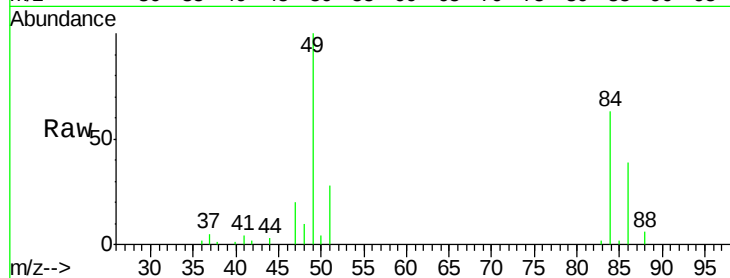
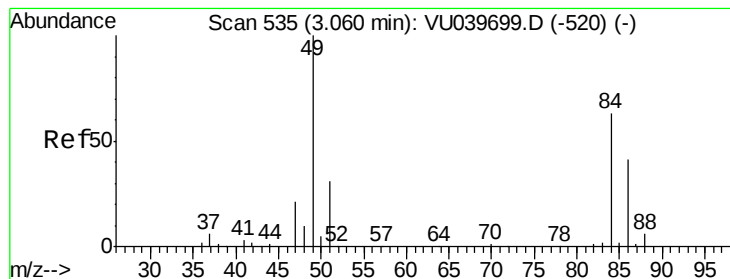
Tgt Ion: 76 Resp: 36515

Ion Ratio Lower Upper

76 100

78 8.7 7.0 10.6





#15

Methylene Chloride

Concen: 1.920 ug/l

RT: 3.06 min Scan# 534

Delta R.T. -0.00 min

Lab File: VU039744.D

Acq: 05 Aug 2020 11:51

Instrument :

MSVOA_U

ClientSampleId :

VU0804WBS01

Tot Ion: 84 Resp: 16801

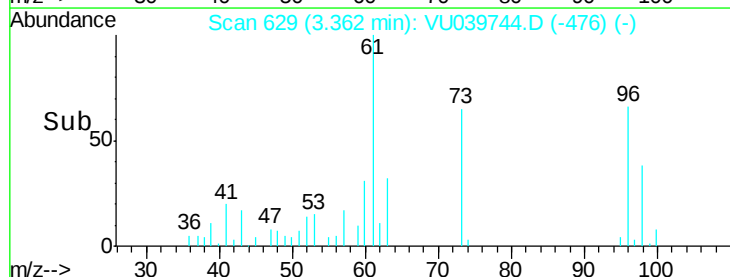
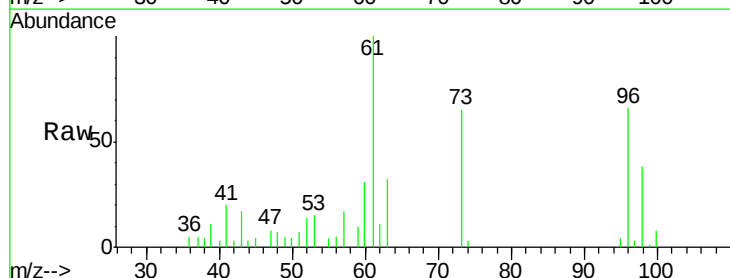
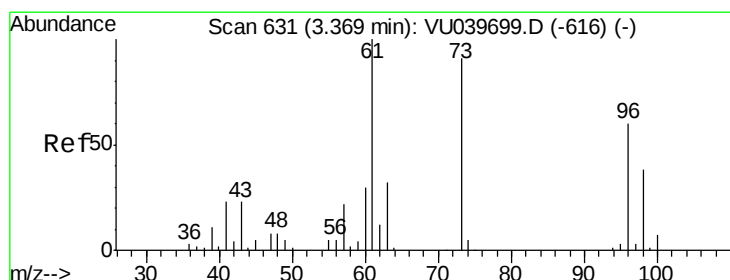
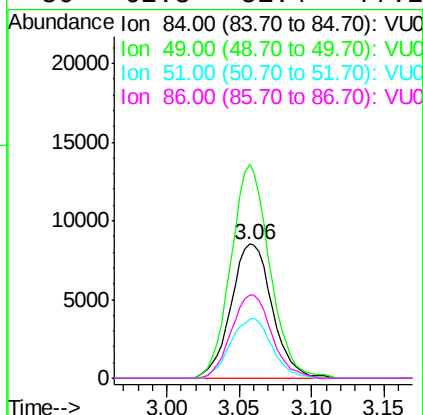
Ion Ratio Lower Upper

84 100

49 159.5 126.8 190.2

51 44.4 0.0 97.2

86 62.3 51.4 77.2



#16

trans-1,2-Dichloroethene

Concen: 1.754 ug/l

RT: 3.36 min Scan# 629

Delta R.T. -0.01 min

Lab File: VU039744.D

Acq: 05 Aug 2020 11:51

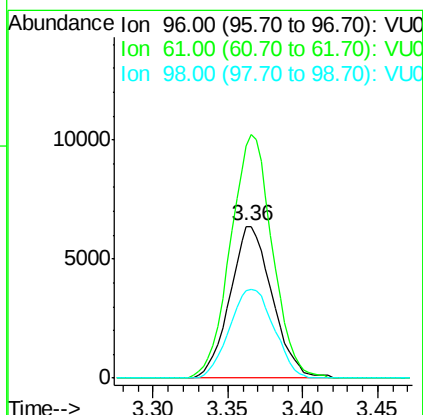
Tgt Ion: 96 Resp: 12517

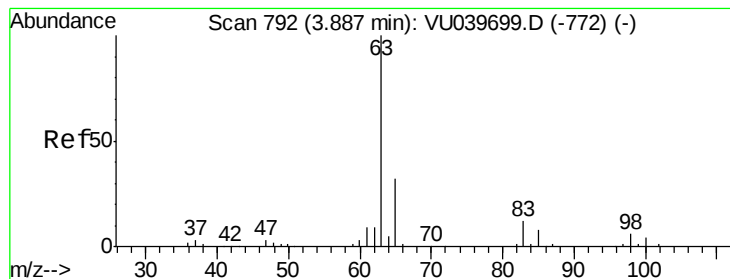
Ion Ratio Lower Upper

96 100

61 152.6 132.6 199.0

98 57.5 50.2 75.2





#17

1,1-Dichloroethane

Concen: 1.725 ug/l

RT: 3.89 min Scan# 792

Delta R.T. -0.00 min

Lab File: VU039744.D

Acq: 05 Aug 2020 11:51

Instrument :

MSVOA_U

ClientSampleId :

VU0804WBS01

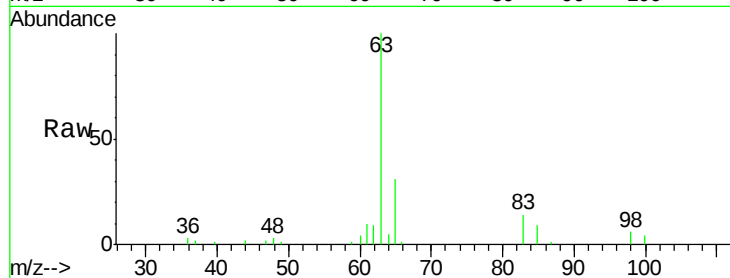
Tot Ion: 63 Resp: 27028

Ion Ratio Lower Upper

63 100

98 6.4 2.9 8.7

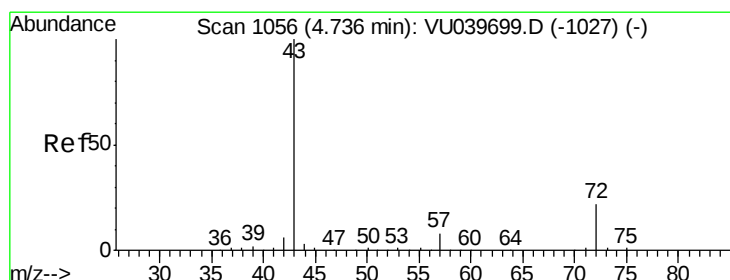
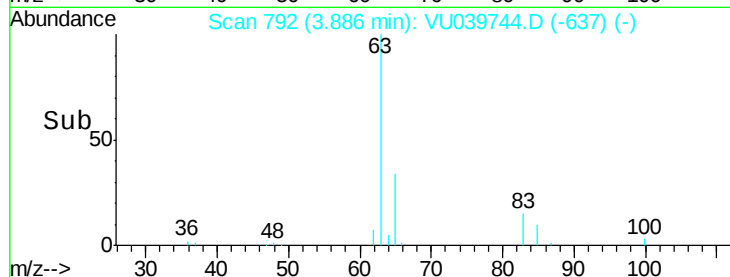
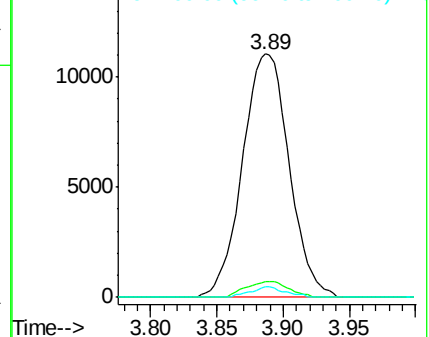
100 4.4 2.0 6.0



Abundance Ion 63.00 (62.70 to 63.70): VU039744.D (-637) (-)

Ion 98.00 (97.70 to 98.70): VU039744.D (-981) (-)

Ion 100.00 (99.70 to 100.70): VU039744.D (-1001) (-)



#18

2-Butanone

Concen: 7.245 ug/l

RT: 4.74 min Scan# 1057

Delta R.T. 0.00 min

Lab File: VU039744.D

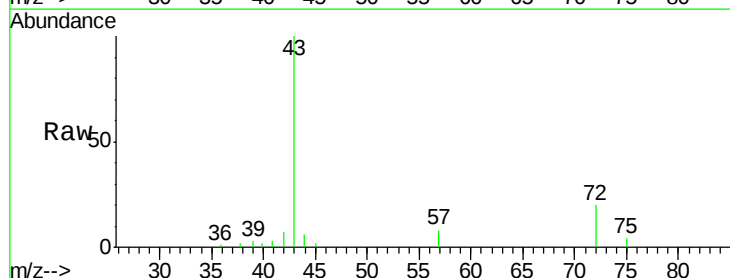
Acq: 05 Aug 2020 11:51

Tgt Ion: 43 Resp: 25259

Ion Ratio Lower Upper

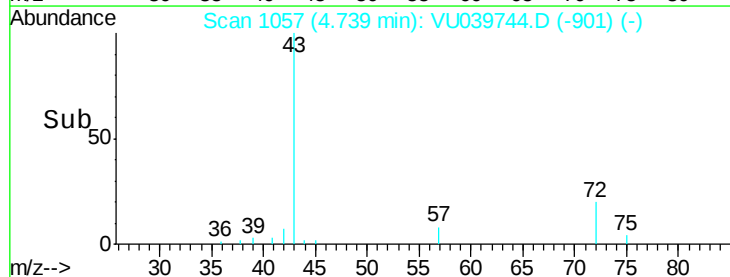
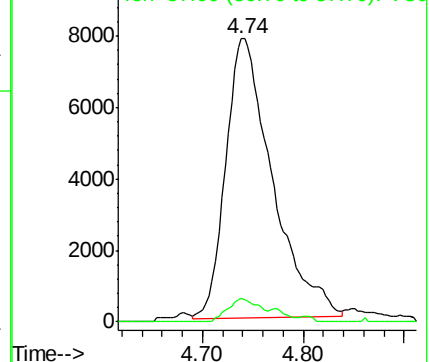
43 100

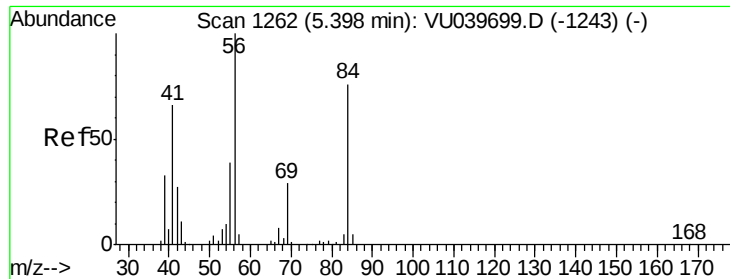
57 8.3 0.0 15.2



Abundance Ion 43.00 (42.70 to 43.70): VU039744.D (-901) (-)

Ion 57.00 (56.70 to 57.70): VU039744.D (-951) (-)

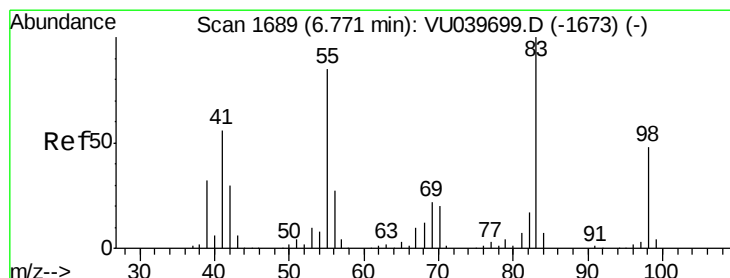
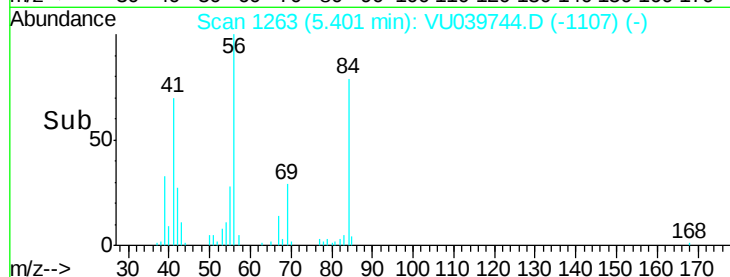
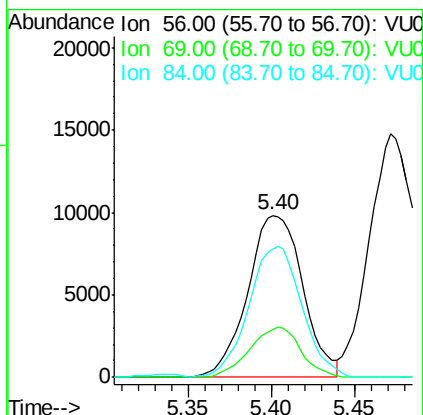
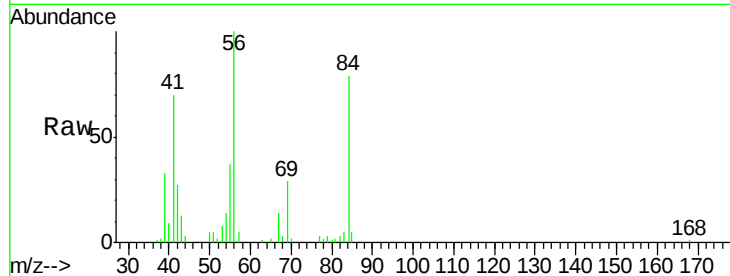




#19
Cyclohexane
Concen: 1.489 ug/l m
RT: 5.40 min Scan# 1263
Delta R.T. 0.00 min
Lab File: VU039744.D
Acq: 05 Aug 2020 11:51

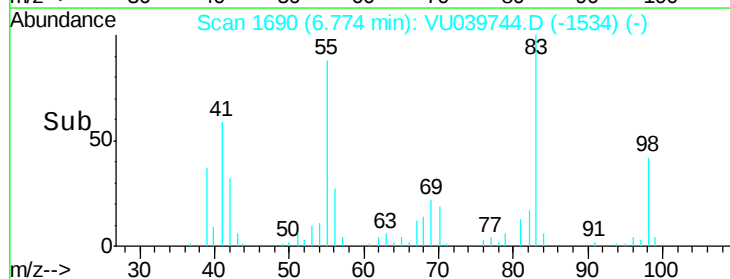
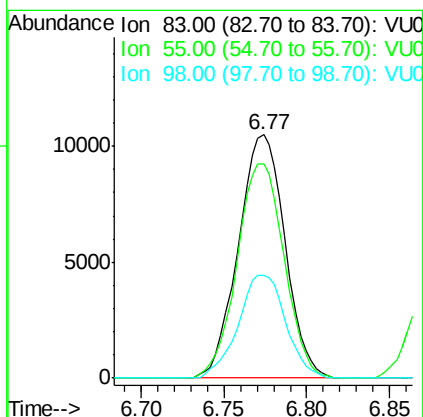
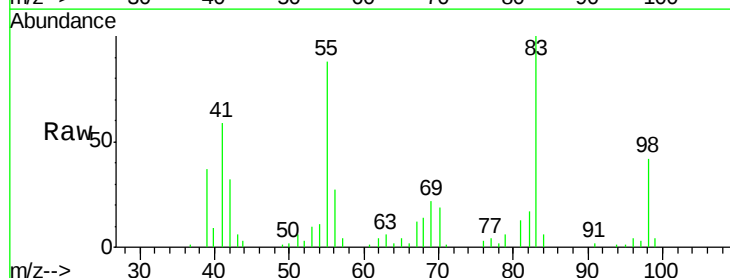
Instrument :
MSVOA_U
ClientSampleId :
VU0804WBS01

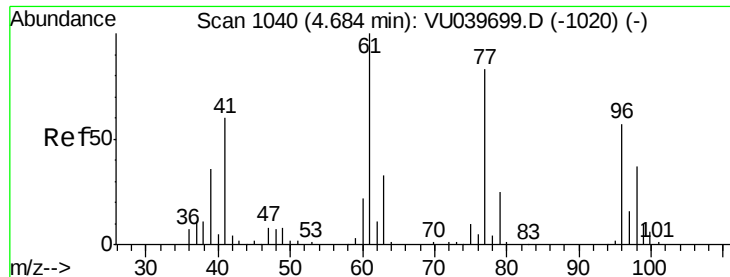
Tot Ion: 56 Resp: 22587
Ion Ratio Lower Upper
56 100
69 28.5 22.8 34.2
84 77.9 59.9 89.9



#20
Methylcyclohexane
Concen: 1.827 ug/l
RT: 6.77 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VU039744.D
Acq: 05 Aug 2020 11:51

Tgt Ion: 83 Resp: 20529
Ion Ratio Lower Upper
83 100
55 88.9 67.6 101.4
98 43.0 37.3 55.9

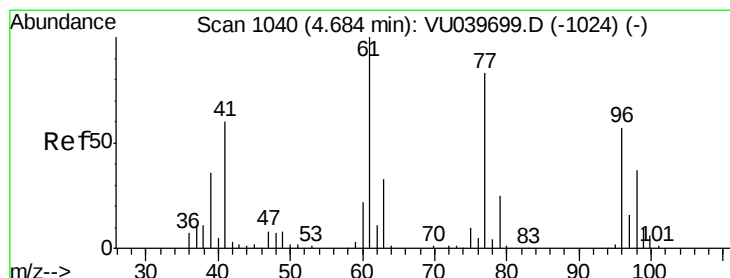
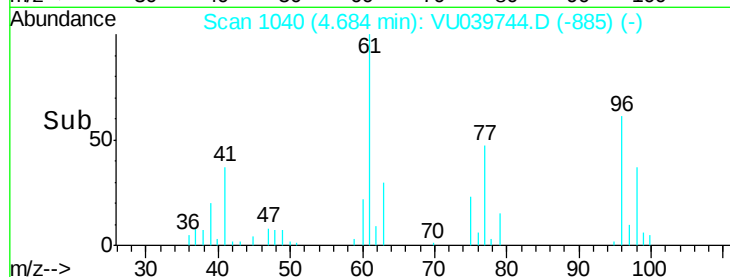
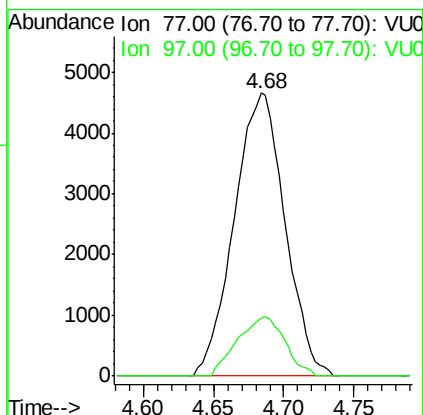
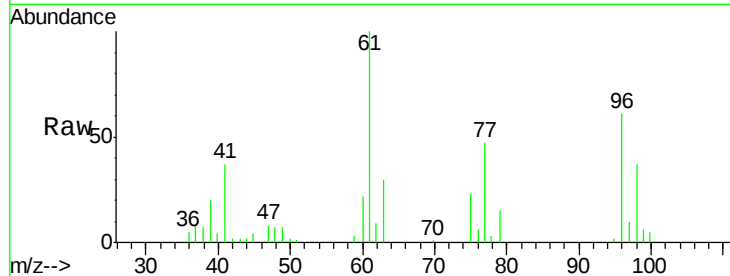




#21
 2,2-Dichloropropane
 Concen: 0.915 ug/l
 RT: 4.68 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: VU039744.D
 Acq: 05 Aug 2020 11:51

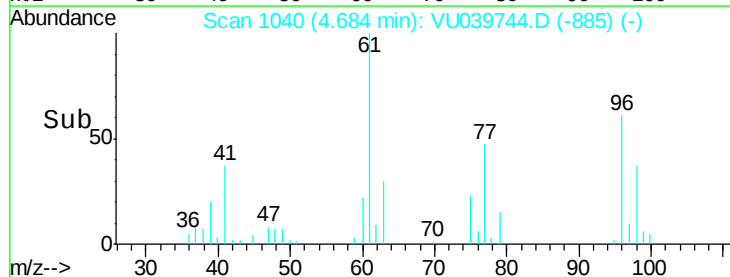
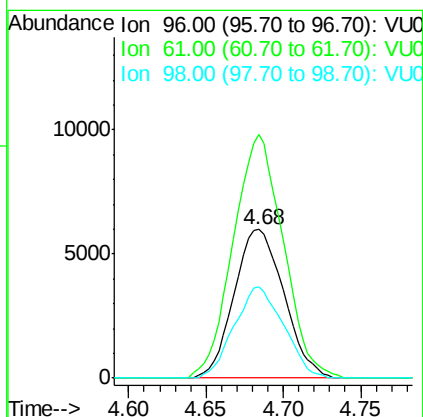
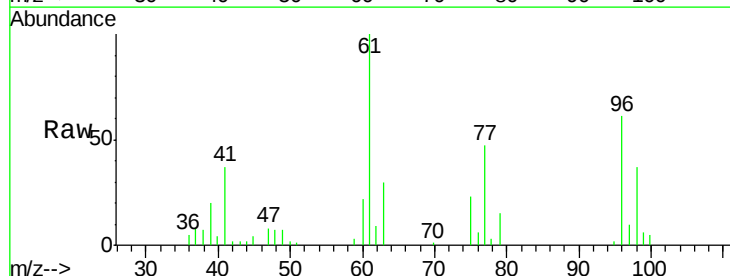
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0804WBS01

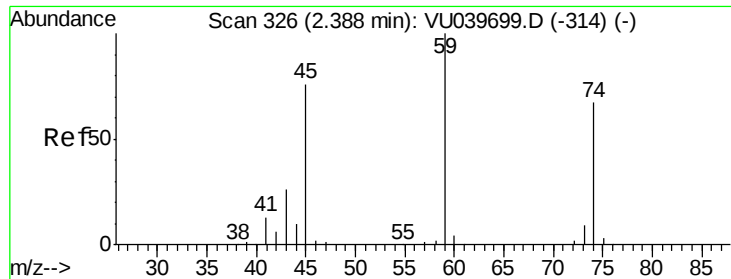
Tot Ion: 77 Resp: 11699
 Ion Ratio Lower Upper
 77 100
 97 19.8 15.2 22.8



#22
 cis-1,2-Dichloroethene
 Concen: 1.745 ug/l
 RT: 4.68 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: VU039744.D
 Acq: 05 Aug 2020 11:51

Tgt Ion: 96 Resp: 13426
 Ion Ratio Lower Upper
 96 100
 61 164.0 0.0 451.3
 98 60.9 32.6 98.0

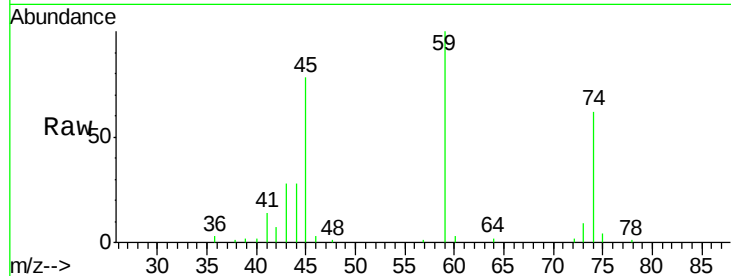




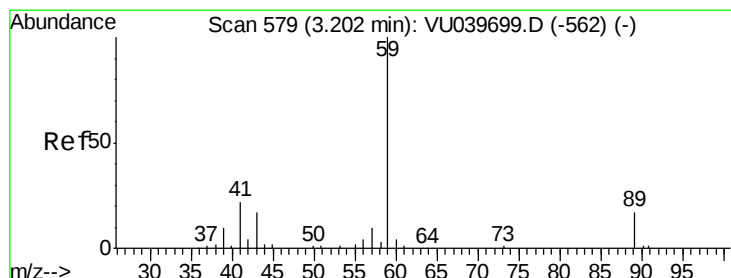
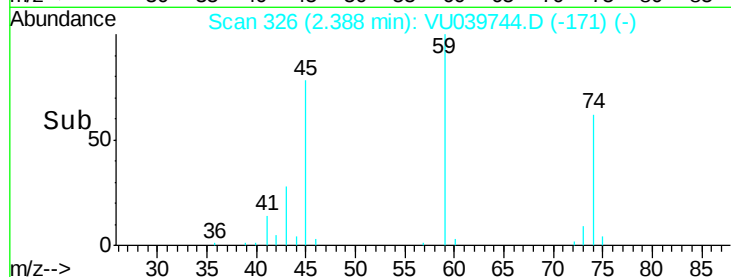
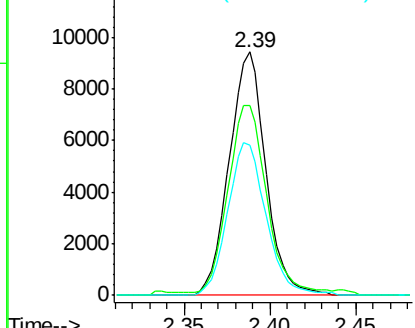
#23
Diethyl Ether
Concen: 2.170 ug/l
RT: 2.39 min Scan# 326
Delta R.T. -0.00 min
Lab File: VU039744.D
Acq: 05 Aug 2020 11:51

Instrument :
MSVOA_U
ClientSampleId :
VU0804WBS01

Tot Ion: 59 Resp: 13930
Ion Ratio Lower Upper
59 100
45 80.1 61.5 92.3
74 65.8 54.3 81.5

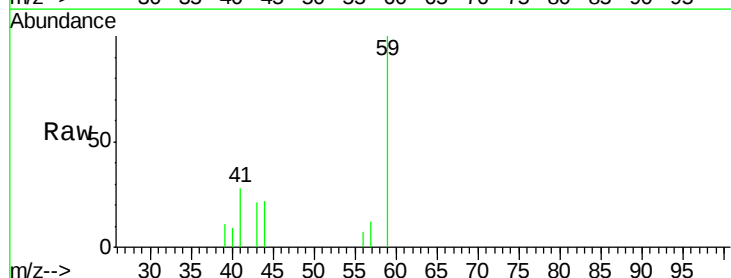


Abundance Ion 59.00 (58.70 to 59.70): VU0
Ion 45.00 (44.70 to 45.70): VU0
Ion 74.00 (73.70 to 74.70): VU0

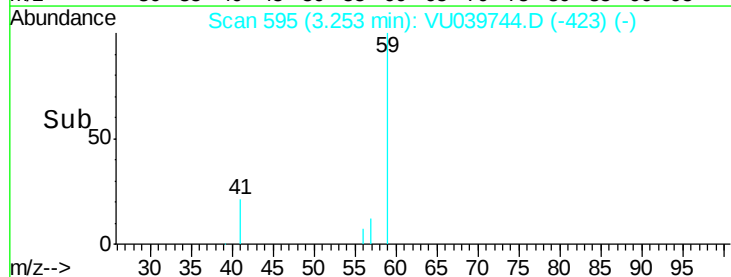
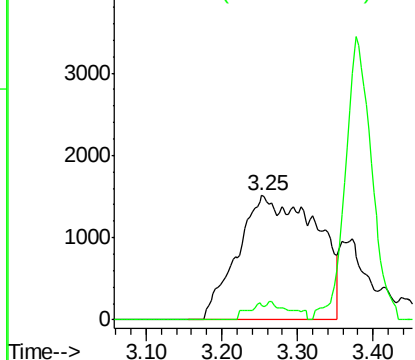


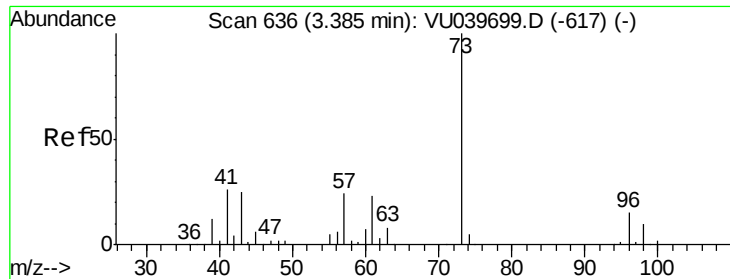
#24
tert-Butyl Alcohol
Concen: 6.537 ug/l m
RT: 3.25 min Scan# 595
Delta R.T. 0.05 min
Lab File: VU039744.D
Acq: 05 Aug 2020 11:51

Tgt Ion: 59 Resp: 10948
Ion Ratio Lower Upper
59 100
57 4.2 7.8 11.6#



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



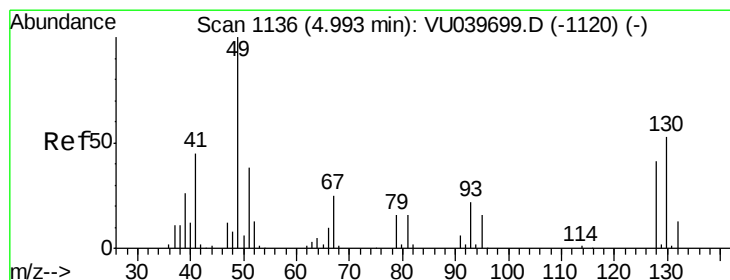
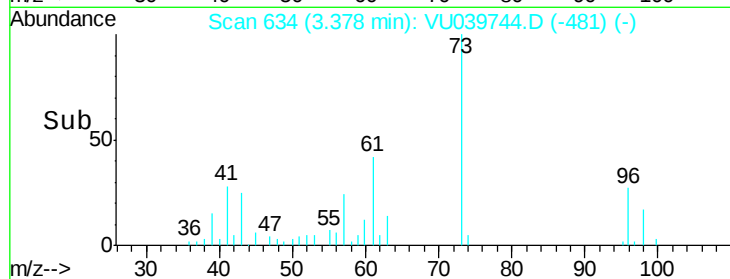
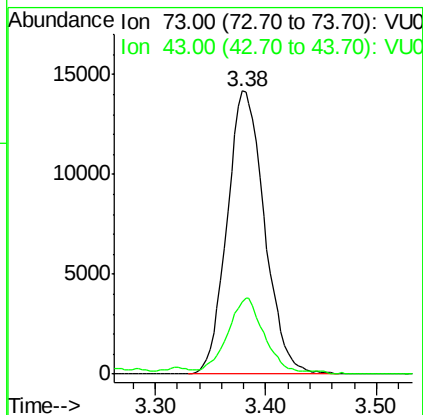
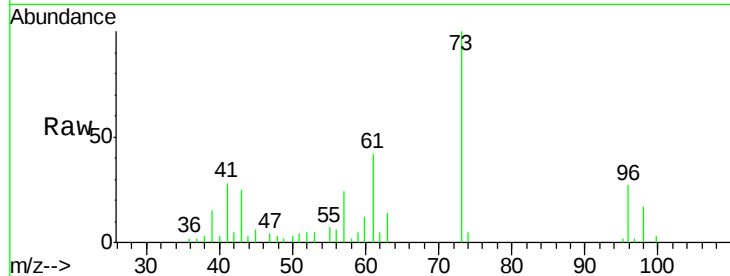


#25

Methyl tert-Butyl Ether
 Concen: 1.633 ug/l
 RT: 3.38 min Scan# 634
 Delta R.T. -0.01 min
 Lab File: VU039744.D
 Acq: 05 Aug 2020 11:51

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0804WBS01

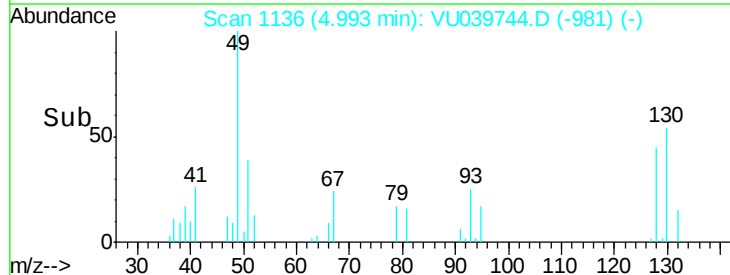
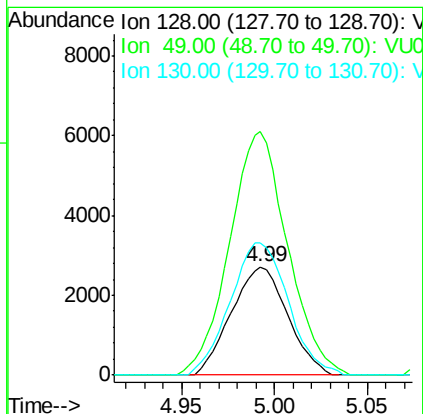
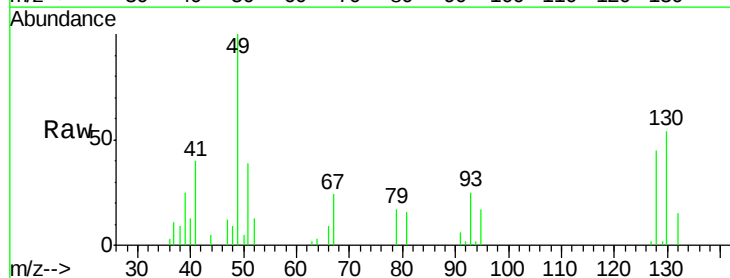
Tot Ion: 73 Resp: 33442
 Ion Ratio Lower Upper
 73 100
 43 25.4 20.1 30.1

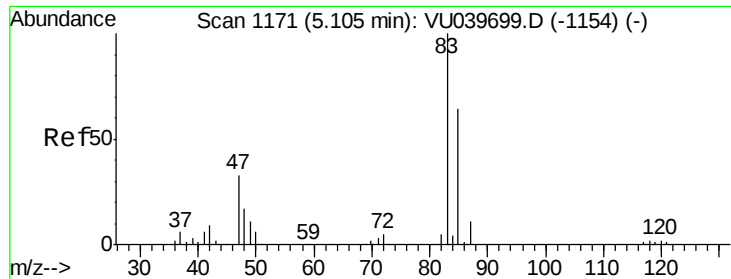


#26

Bromochloromethane
 Concen: 1.814 ug/l
 RT: 4.99 min Scan# 1136
 Delta R.T. -0.00 min
 Lab File: VU039744.D
 Acq: 05 Aug 2020 11:51

Tgt Ion: 128 Resp: 5709
 Ion Ratio Lower Upper
 128 100
 49 231.3 0.0 503.8
 130 126.5 102.7 154.1

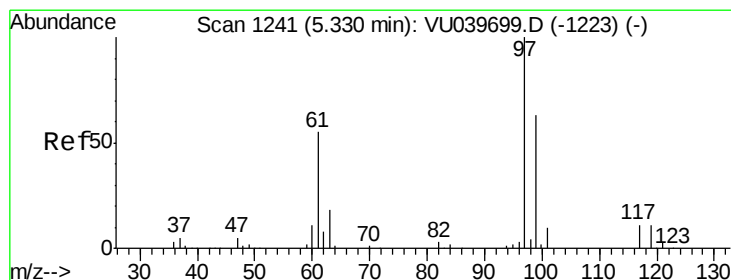
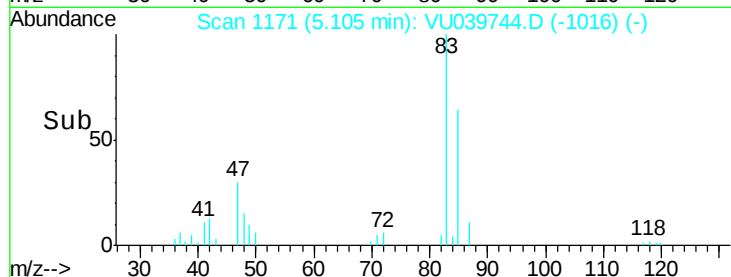
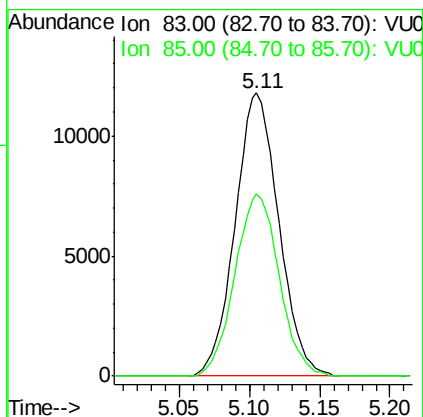
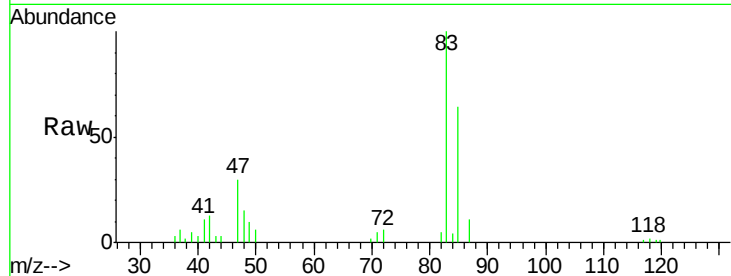




#27
Chloroform
Concen: 1.741 ug/l
RT: 5.11 min Scan# 1171
Delta R.T. -0.00 min
Lab File: VU039744.D
Acq: 05 Aug 2020 11:51

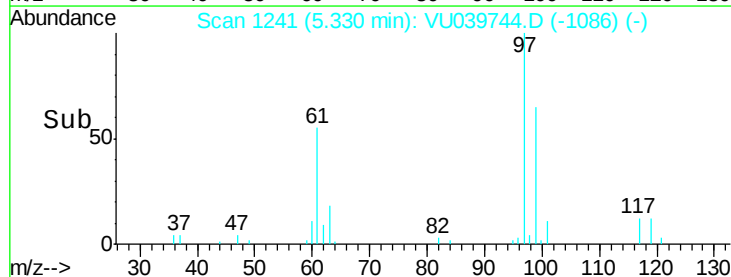
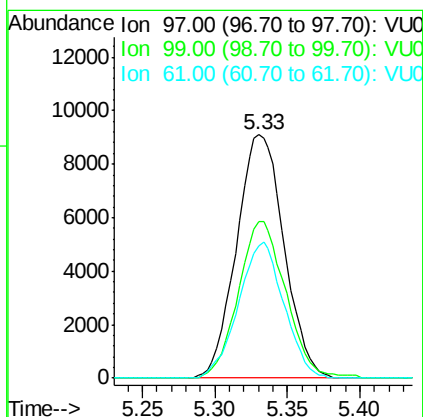
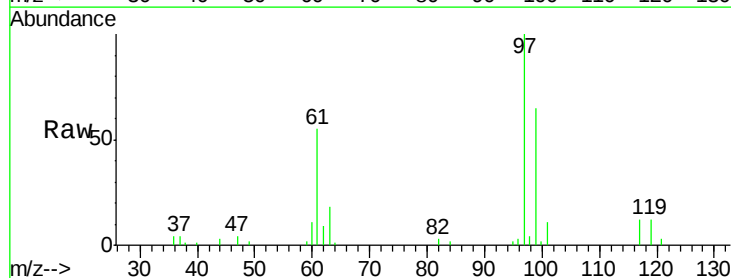
Instrument :
MSVOA_U
ClientSampleId :
VU0804WBS01

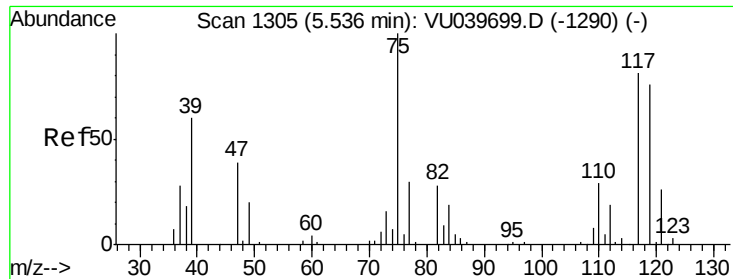
Tot Ion: 83 Resp: 25533
Ion Ratio Lower Upper
83 100
85 64.4 0.0 128.8



#28
1,1,1-Trichloroethane
Concen: 1.745 ug/l
RT: 5.33 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VU039744.D
Acq: 05 Aug 2020 11:51

Tgt Ion: 97 Resp: 20714
Ion Ratio Lower Upper
97 100
99 64.4 32.2 96.6
61 53.3 28.3 85.0

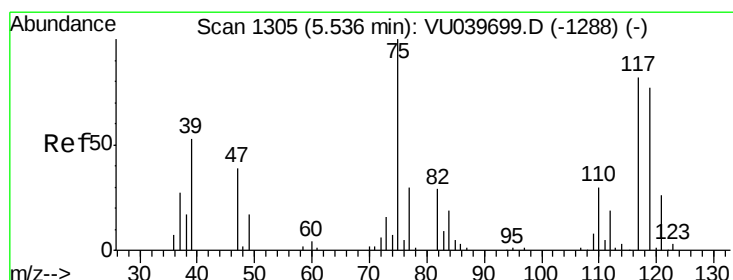
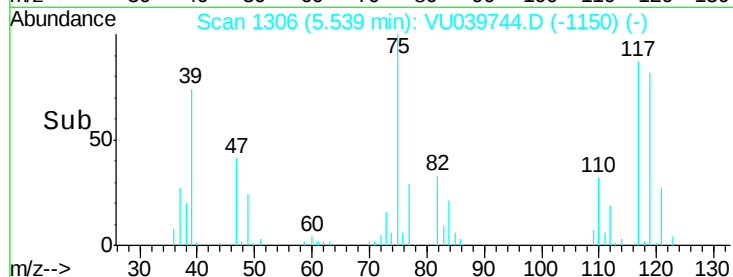
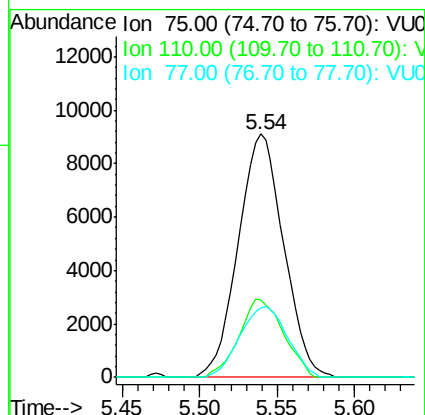
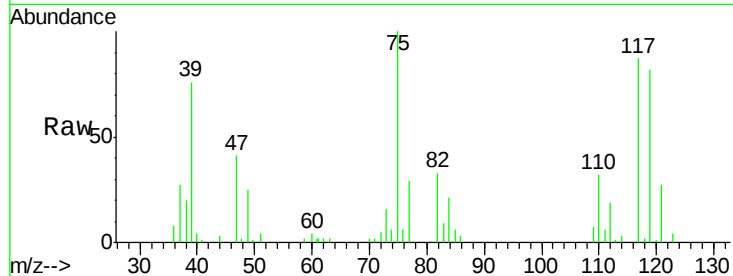




#29
 1,1-Dichloropropene
 Concen: 1.624 ug/l
 RT: 5.54 min Scan# 1306
 Delta R.T. 0.00 min
 Lab File: VU039744.D
 Acq: 05 Aug 2020 11:51

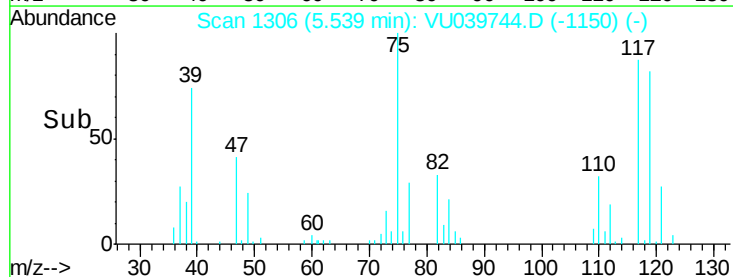
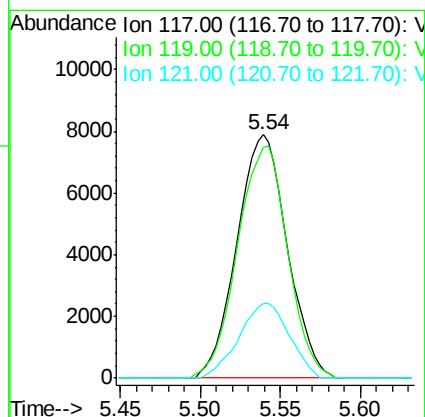
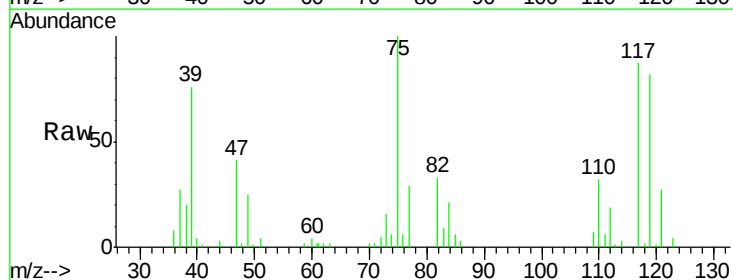
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0804WBS01

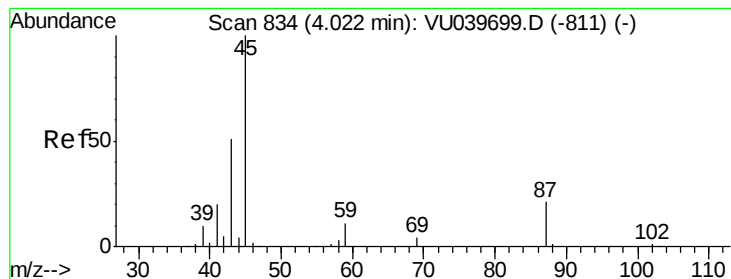
Tot Ion: 75 Resp: 18560
 Ion Ratio Lower Upper
 75 100
 110 31.3 14.6 44.0
 77 30.4 25.0 37.4



#30
 Carbon Tetrachloride
 Concen: 1.748 ug/l
 RT: 5.54 min Scan# 1306
 Delta R.T. 0.00 min
 Lab File: VU039744.D
 Acq: 05 Aug 2020 11:51

Tgt Ion: 117 Resp: 16962
 Ion Ratio Lower Upper
 117 100
 119 94.8 75.2 112.8
 121 30.8 25.4 38.2





#31

Isopropyl Ether

Concen: 1.630 ug/l

RT: 4.02 min Scan# 832

Delta R.T. -0.01 min

Lab File: VU039744.D

Acq: 05 Aug 2020 11:51

Instrument :

MSVOA_U

ClientSampleId :

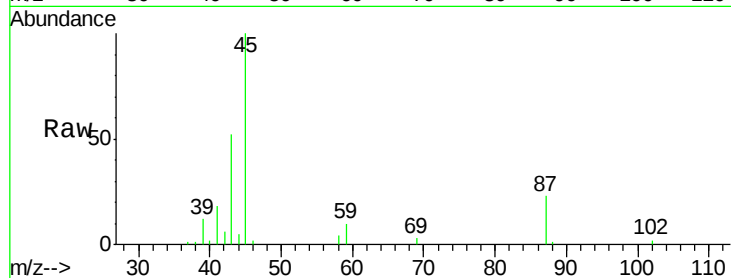
VU0804WBS01

Tot Ion: 45 Resp: 46601

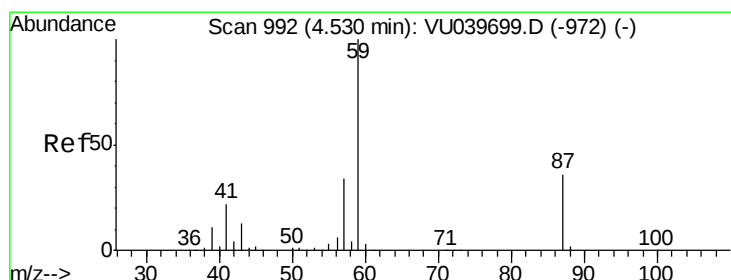
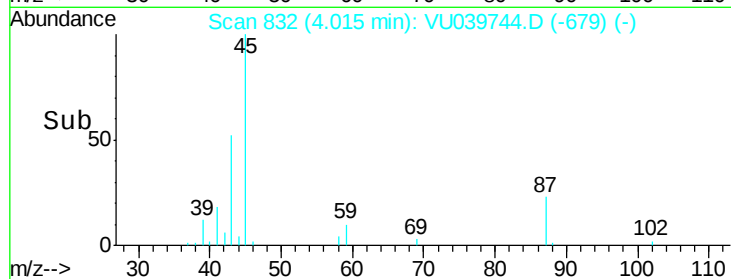
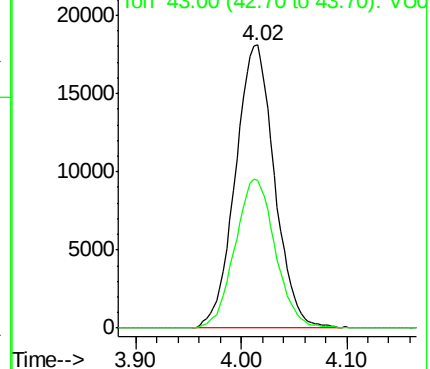
Ion Ratio Lower Upper

45 100

43 54.2 26.5 79.4



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



#32

Ethyl-t-butyl ether

Concen: 1.618 ug/l

RT: 4.52 min Scan# 989

Delta R.T. -0.01 min

Lab File: VU039744.D

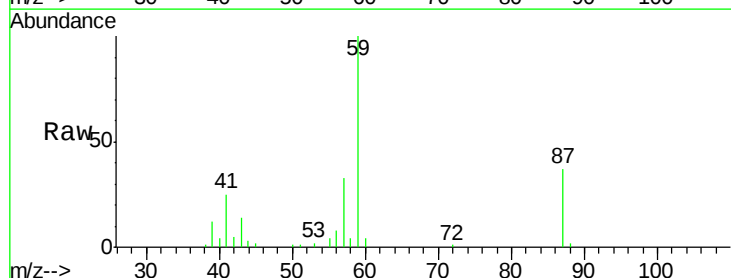
Acq: 05 Aug 2020 11:51

Tgt Ion: 59 Resp: 39354

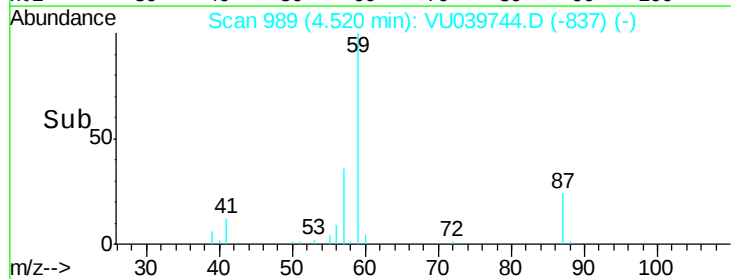
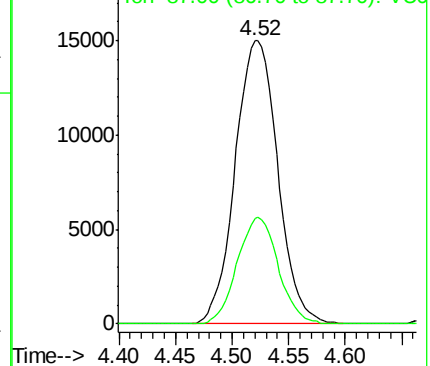
Ion Ratio Lower Upper

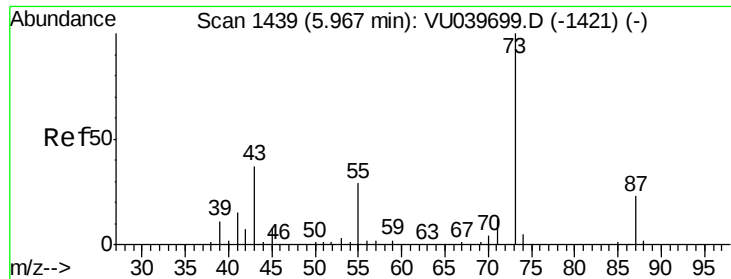
59 100

87 36.1 29.4 44.0



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

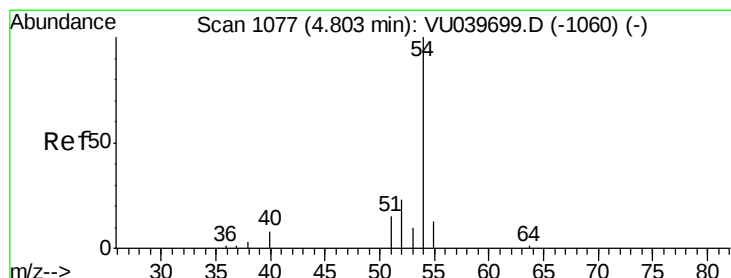
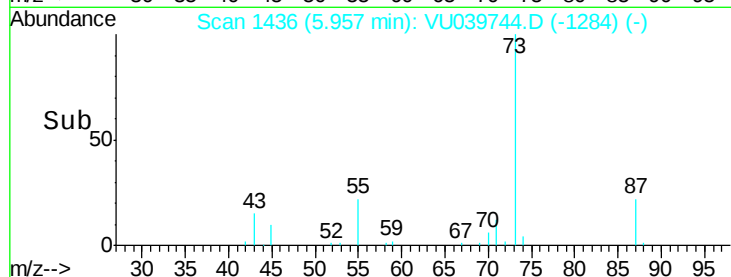
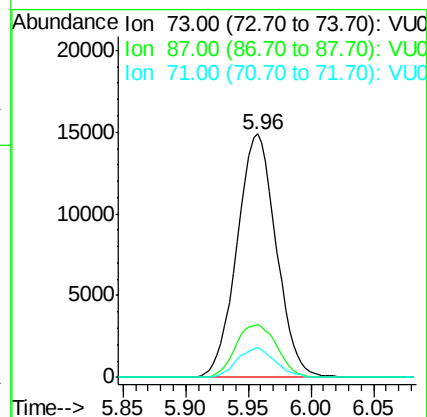
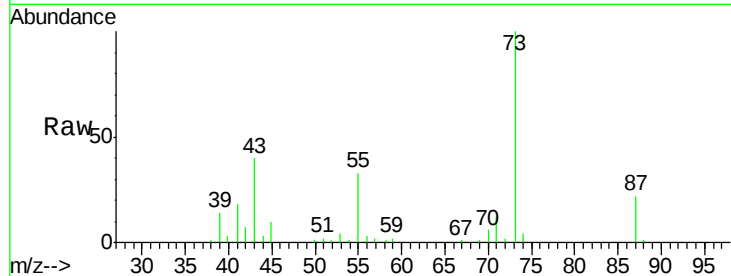




#33
Tert-Butyl methyl ether
Concen: 1.845 ug/l
RT: 5.96 min Scan# 1436
Delta R.T. -0.01 min
Lab File: VU039744.D
Acq: 05 Aug 2020 11:51

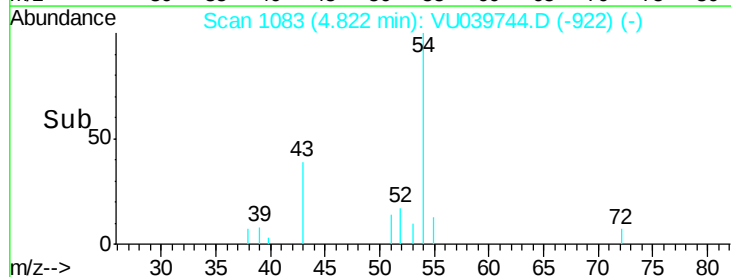
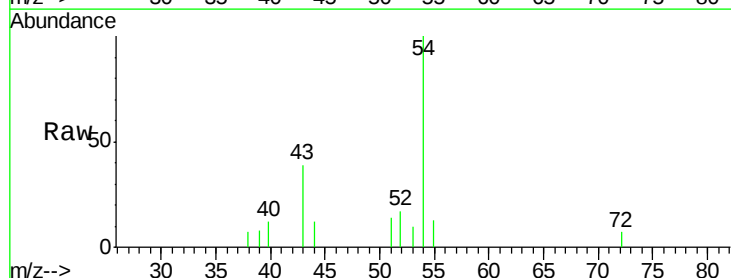
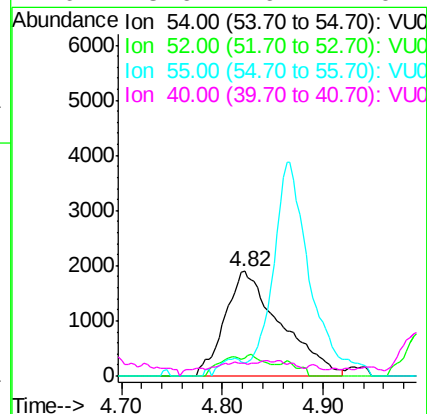
Instrument :
MSVOA_U
ClientSampleId :
VU0804WBS01

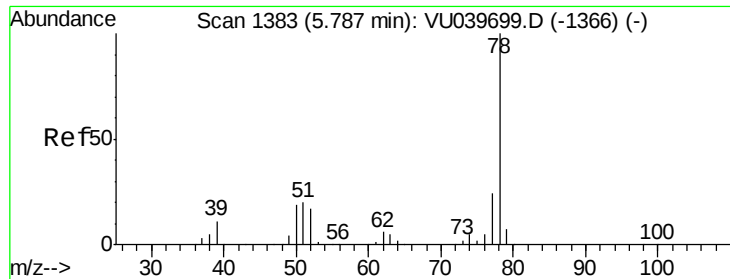
Tot Ion: 73 Resp: 32355
Ion Ratio Lower Upper
73 100
87 22.8 18.7 28.1
71 11.7 9.1 13.7



#34
Propionitrile
Concen: 8.482 ug/l
RT: 4.82 min Scan# 1083
Delta R.T. 0.02 min
Lab File: VU039744.D
Acq: 05 Aug 2020 11:51

Tgt Ion: 54 Resp: 7295
Ion Ratio Lower Upper
54 100
52 7.7 16.9 25.3#
55 6.7 12.9 19.3#
40 3.6 6.2 9.2#





#35

Benzene

Concen: 1.948 ug/l

RT: 5.79 min Scan# 1384

Delta R.T. 0.00 min

Lab File: VU039744.D

Acq: 05 Aug 2020 11:51

Instrument :

MSVOA_U

ClientSampleId :

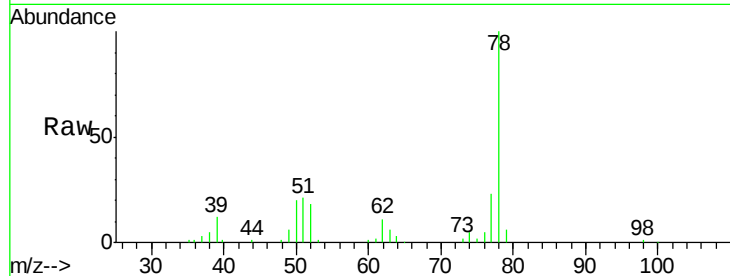
VU0804WBS01

Tot Ion: 78 Resp: 55052

Ion Ratio Lower Upper

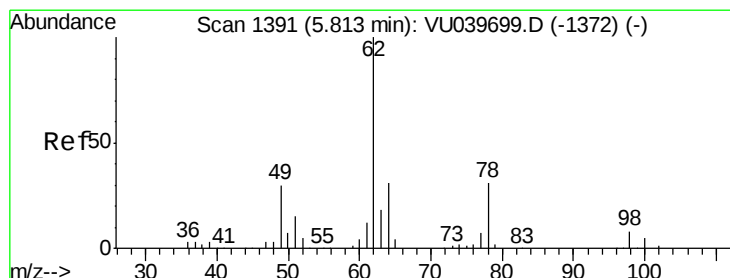
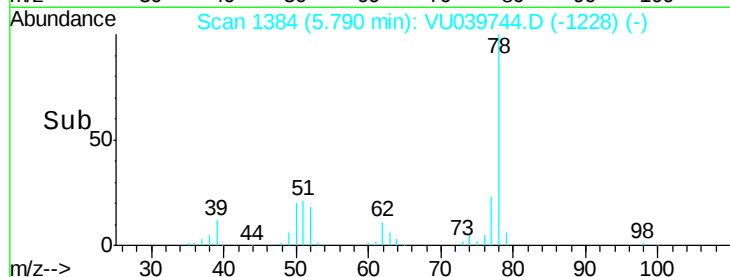
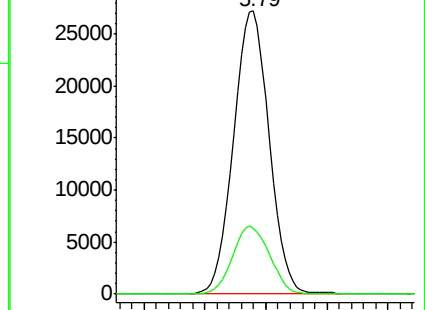
78 100

77 23.3 19.2 28.8



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

Ion 77.00 (76.70 to 77.70): VU039699.D (-1366) (-)



#36

1,2-Dichloroethane

Concen: 1.859 ug/l

RT: 5.81 min Scan# 1390

Delta R.T. -0.00 min

Lab File: VU039744.D

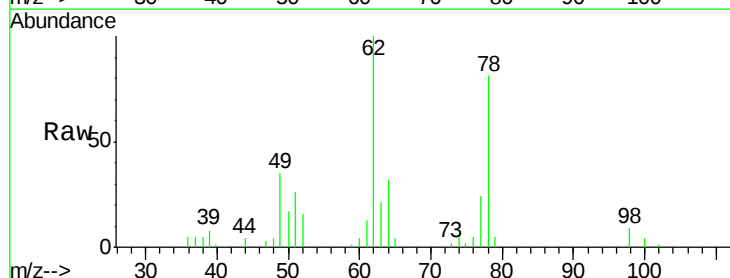
Acq: 05 Aug 2020 11:51

Tgt Ion: 62 Resp: 19699

Ion Ratio Lower Upper

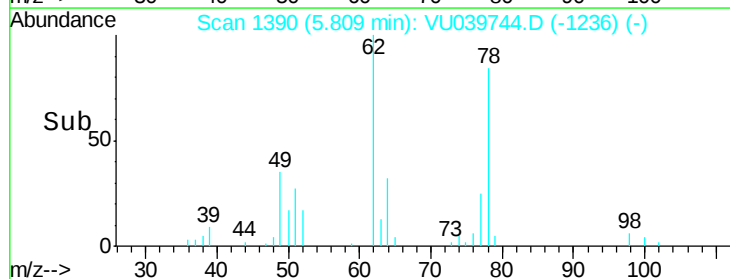
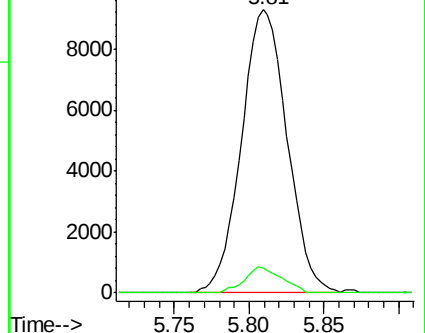
62 100

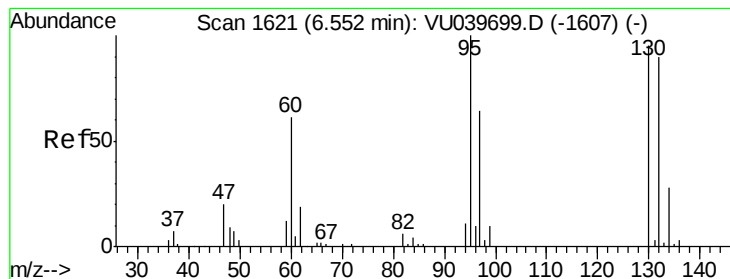
98 7.4 6.2 9.2



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

Ion 98.00 (97.70 to 98.70): VU039699.D (-1372) (-)





#37

Trichloroethene

Concen: 1.941 ug/l

RT: 6.55 min Scan# 1621

Delta R.T. -0.00 min

Lab File: VU039744.D

Acq: 05 Aug 2020 11:51

Instrument :

MSVOA_U

ClientSampleId :

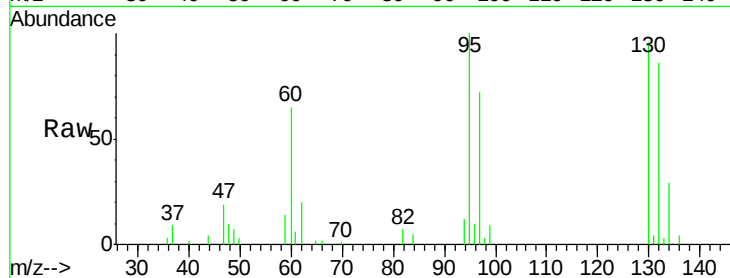
VU0804WBS01

Tot Ion:130 Resp: 12553

Ion Ratio Lower Upper

130 100

95 103.7 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) (-)

6.55

8000

6000

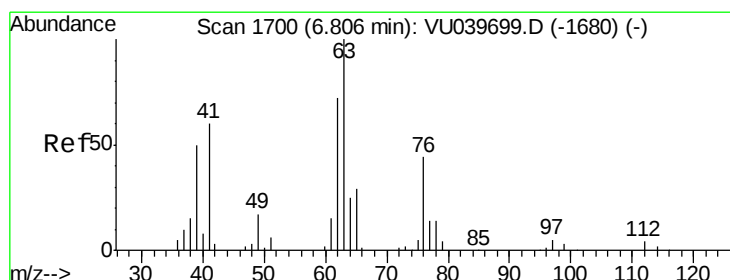
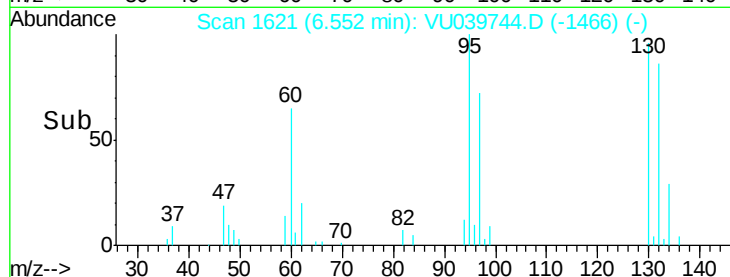
4000

2000

0

6.50 6.55 6.60

Time-->



#38

1,2-Dichloropropane

Concen: 1.998 ug/l

RT: 6.80 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VU039744.D

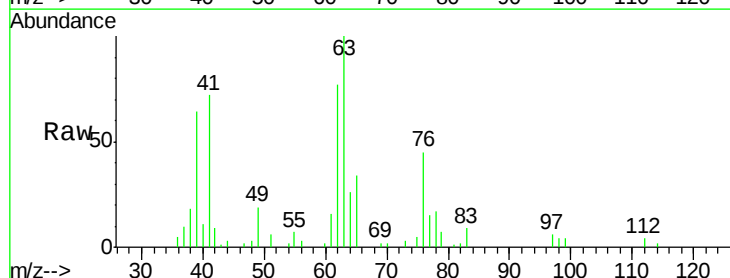
Acq: 05 Aug 2020 11:51

Tgt Ion: 63 Resp: 15564

Ion Ratio Lower Upper

63 100

65 33.7 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) (-)

6.80

8000

6000

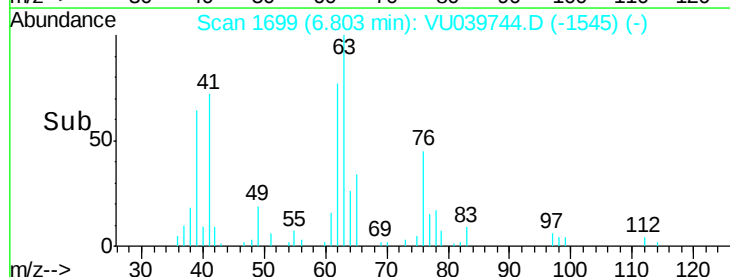
4000

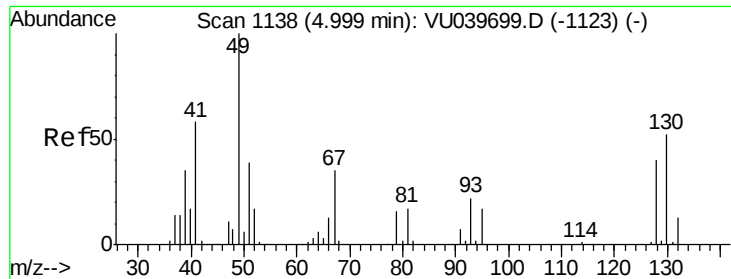
2000

0

6.75 6.80 6.85

Time-->

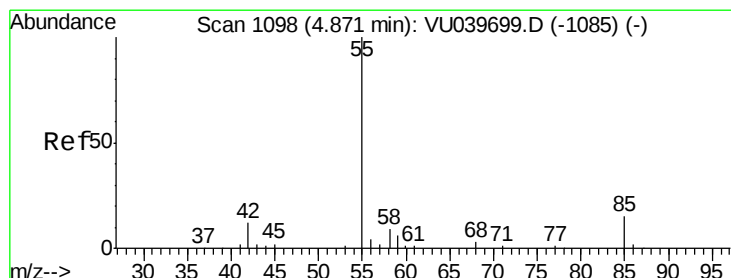
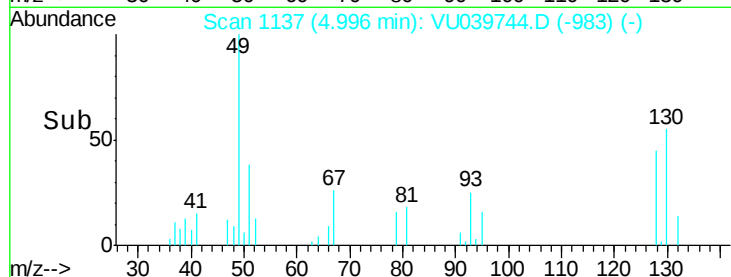
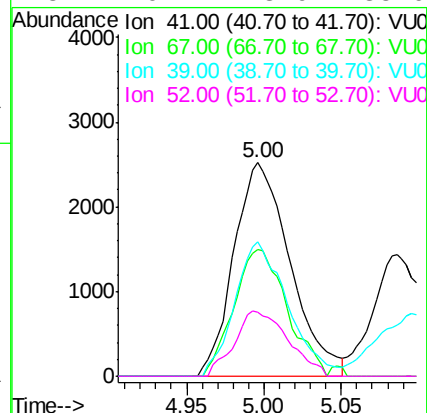
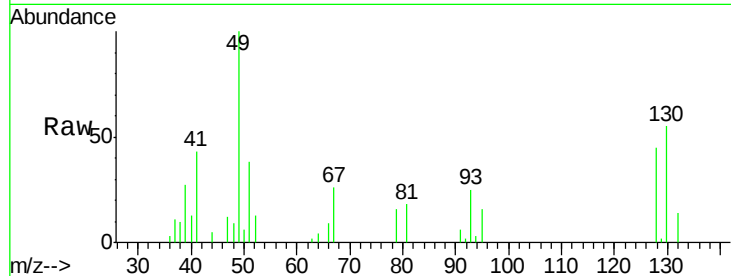




#39
Methacrylonitrile
Concen: 1.407 ug/l
RT: 5.00 min Scan# 1137
Delta R.T. -0.00 min
Lab File: VU039744.D
Acq: 05 Aug 2020 11:51

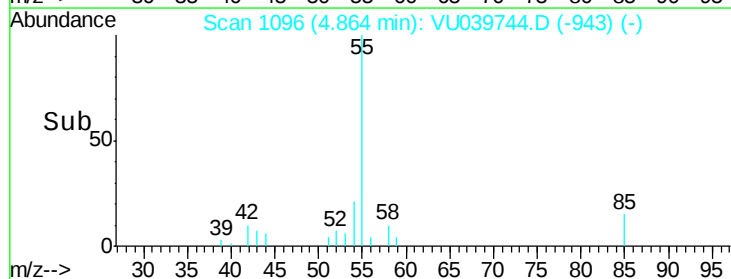
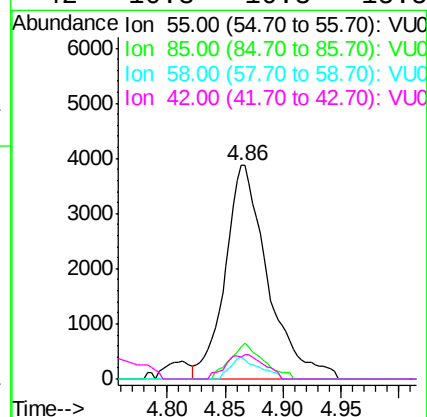
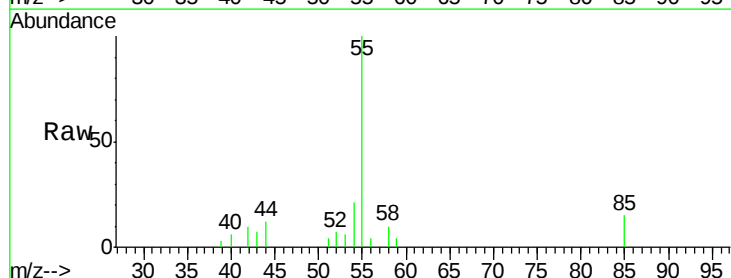
Instrument :
MSVOA_U
ClientSampleId :
VU0804WBS01

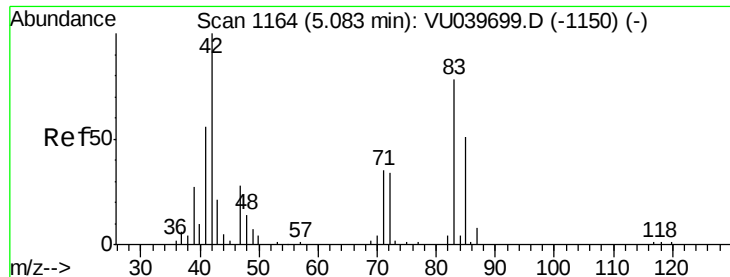
Tot Ion:	41	Resp:	6378
Ion	Ratio	Lower	Upper
41	100		
67	56.1	48.3	72.5
39	59.2	47.6	71.4
52	29.1	23.9	35.9



#40
Methyl acrylate
Concen: 1.683 ug/l
RT: 4.86 min Scan# 1096
Delta R.T. -0.01 min
Lab File: VU039744.D
Acq: 05 Aug 2020 11:51

Tgt Ion:	55	Resp:	9834
Ion	Ratio	Lower	Upper
55	100		
85	13.0	11.4	17.0
58	6.9	7.4	11.0#
42	10.3	10.3	15.5#





#41

Tetrahydrofuran

Concen: 2.958 ug/l

RT: 5.09 min Scan# 1166

Delta R.T. 0.01 min

Lab File: VU039744.D

Acq: 05 Aug 2020 11:51

Instrument :

MSVOA_U

ClientSampleId :

VU0804WBS01

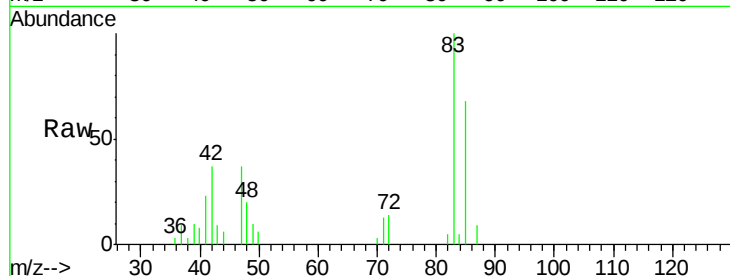
Tot Ion: 42 Resp: 6745

Ion Ratio Lower Upper

42 100

72 37.2 31.0 46.6

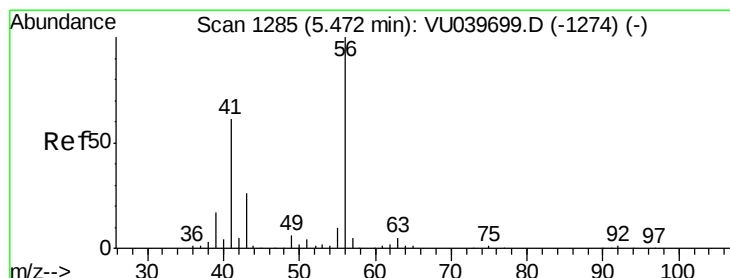
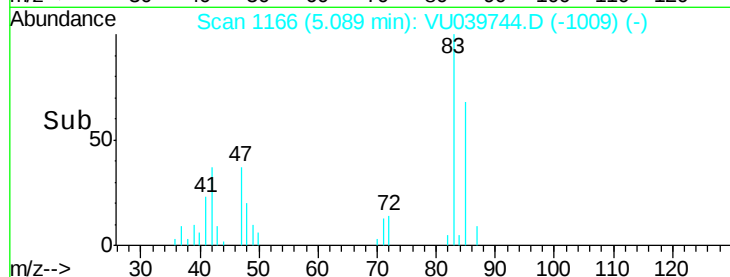
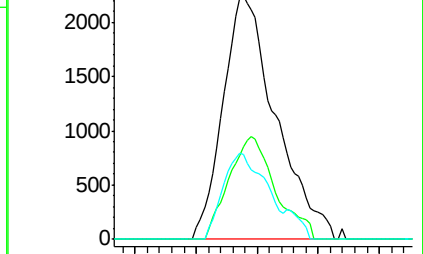
71 28.8 28.2 42.4



Abundance Ion 42.00 (41.70 to 42.70): VU039744.D (-1166) (-)

Ion 72.00 (71.70 to 72.70): VU039744.D (-1166) (-)

Ion 71.00 (70.70 to 71.70): VU039744.D (-1166) (-)



#42

1-Chlorobutane

Concen: 1.645 ug/l

RT: 5.47 min Scan# 1285

Delta R.T. -0.00 min

Lab File: VU039744.D

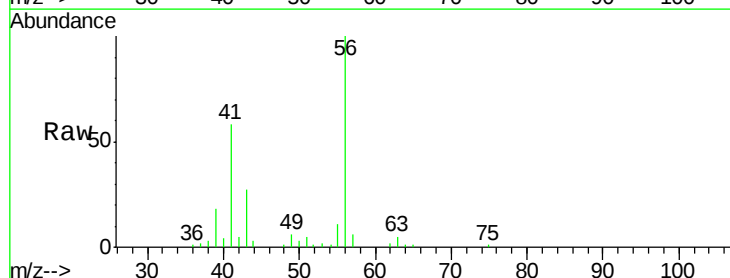
Acq: 05 Aug 2020 11:51

Tgt Ion: 56 Resp: 29513

Ion Ratio Lower Upper

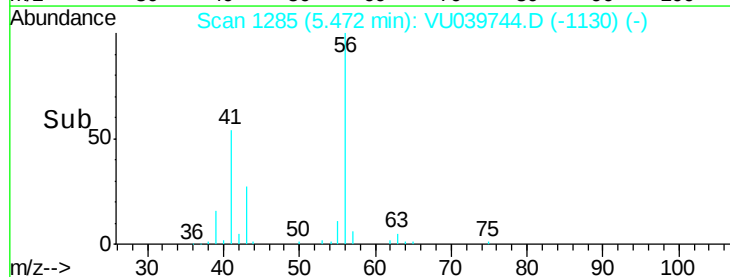
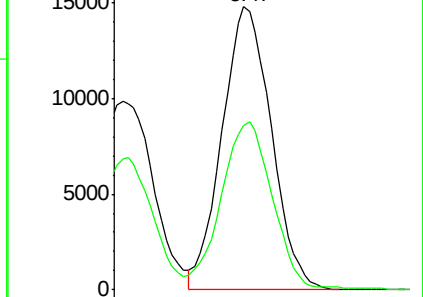
56 100

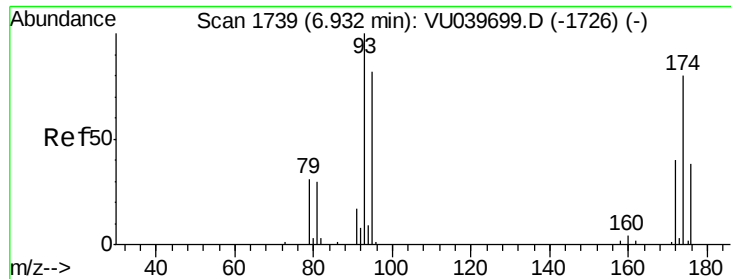
41 60.4 30.5 91.5



Abundance Ion 56.00 (55.70 to 56.70): VU039744.D (-1285) (-)

Ion 41.00 (40.70 to 41.70): VU039744.D (-1285) (-)





#43

Dibromomethane

Concen: 1.811 ug/l

RT: 6.93 min Scan# 1739

Delta R.T. -0.00 min

Lab File: VU039744.D

Acq: 05 Aug 2020 11:51

Instrument :

MSVOA_U

ClientSampleId :

VU0804WBS01

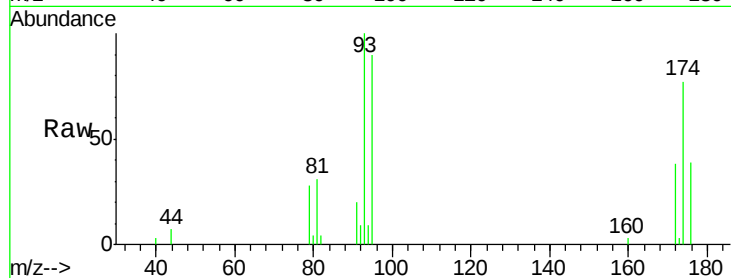
Tot Ion: 93 Resp: 7592

Ion Ratio Lower Upper

93 100

95 85.4 66.6 99.8

174 75.9 62.7 94.1

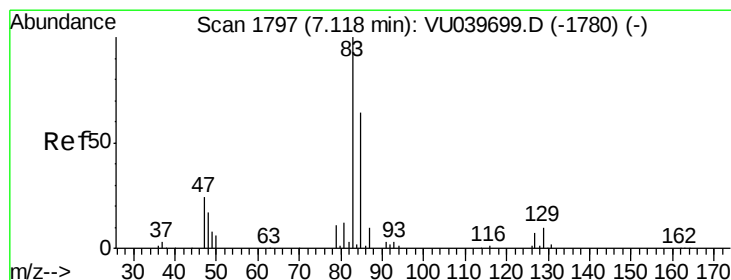
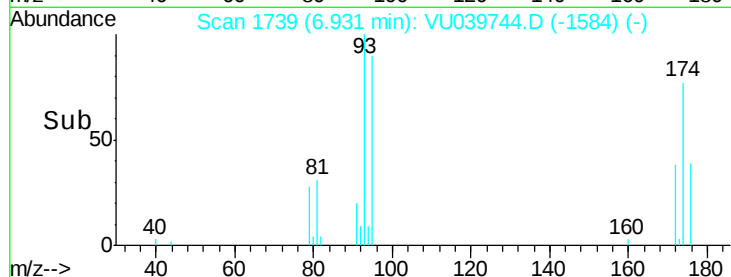


Abundance Ion 93.00 (92.70 to 93.70): VU039699.D (-1726) (-)

Ion 95.00 (94.70 to 95.70): VU039699.D (-1726) (-)

Ion 174.00 (173.70 to 174.70): VU039699.D (-1726) (-)

Time-->



#44

Bromodichloromethane

Concen: 1.947 ug/l

RT: 7.11 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VU039744.D

Acq: 05 Aug 2020 11:51

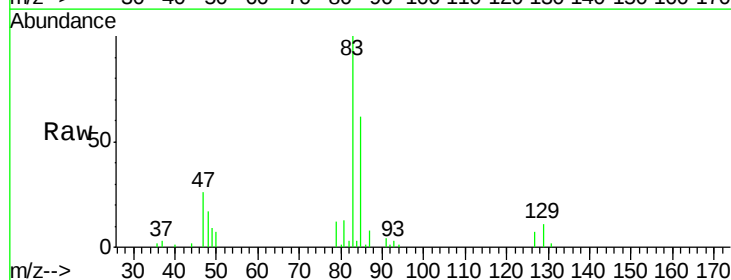
Tgt Ion: 83 Resp: 18713

Ion Ratio Lower Upper

83 100

85 62.3 50.8 76.2

127 6.8 5.8 8.6

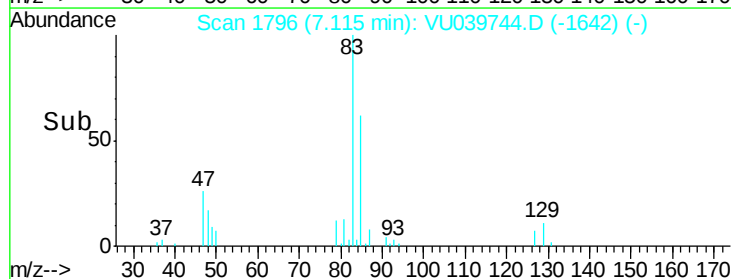


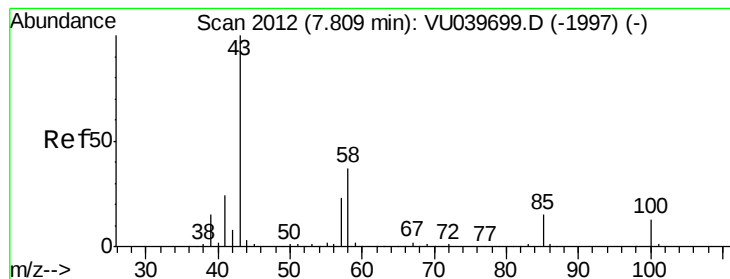
Abundance Ion 83.00 (82.70 to 83.70): VU039699.D (-1780) (-)

Ion 85.00 (84.70 to 85.70): VU039699.D (-1780) (-)

Ion 127.00 (126.70 to 127.70): VU039699.D (-1780) (-)

Time-->





#45

4-Methyl-2-Pentanone

Concen: 9.167 ug/l

RT: 7.80 min Scan# 2010

Delta R.T. -0.01 min

Lab File: VU039744.D

Acq: 05 Aug 2020 11:51

Instrument :

MSVOA_U

ClientSampleId :

VU0804WBS01

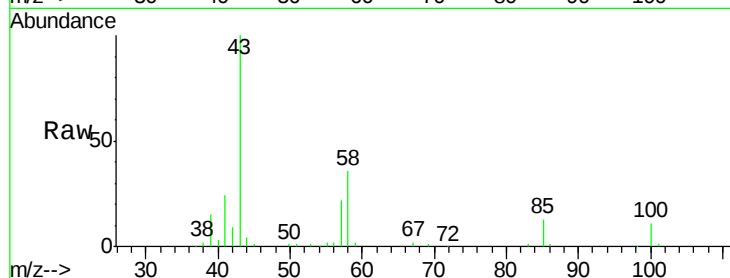
Tot Ion: 43 Resp: 58222

Ion Ratio Lower Upper

43 100

58 35.0 18.4 55.0

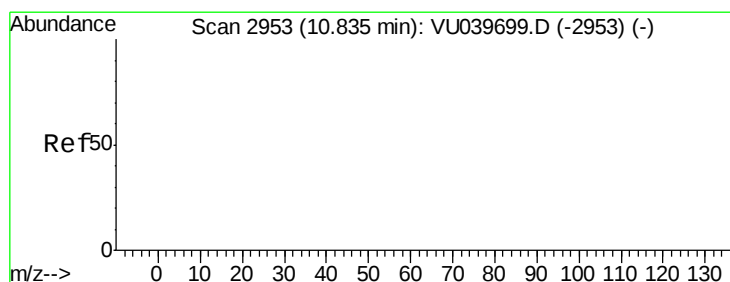
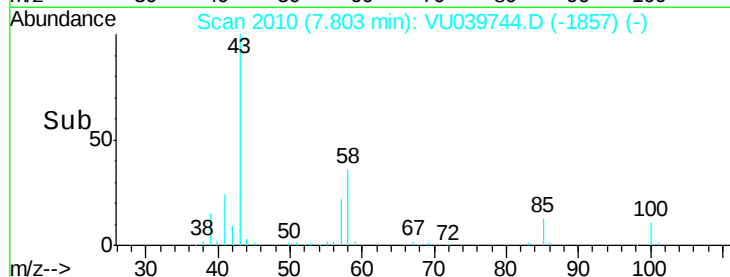
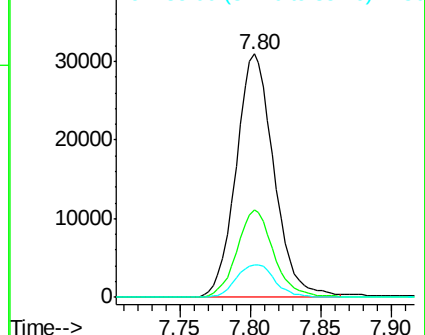
85 13.6 11.8 17.6



Abundance Ion 43.00 (42.70 to 43.70): VU039699.D (-1997) (-)

Ion 58.00 (57.70 to 58.70): VU039699.D (-1997) (-)

Ion 85.00 (84.70 to 85.70): VU039699.D (-1997) (-)



#46

t-1,4-Dichloro-2-butene

Concen: 2.440 ug/l m

RT: 10.83 min Scan# 2953

Delta R.T. -0.00 min

Lab File: VU039744.D

Acq: 05 Aug 2020 11:51

Tgt Ion: 75 Resp: 4609

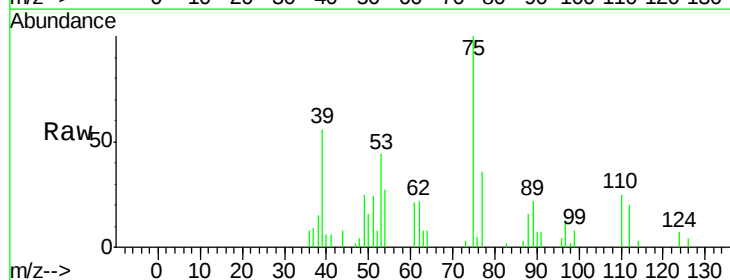
Ion Ratio Lower Upper

75 100

53 116.5 78.6 118.0

89 55.9 40.3 60.5

88 42.4 34.0 51.0

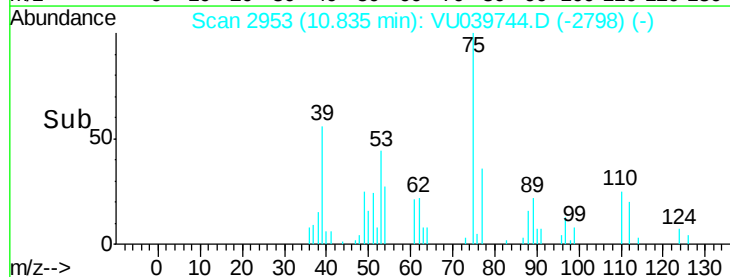
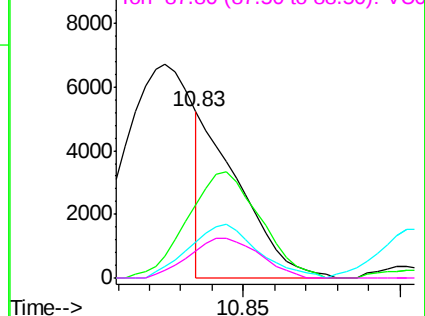


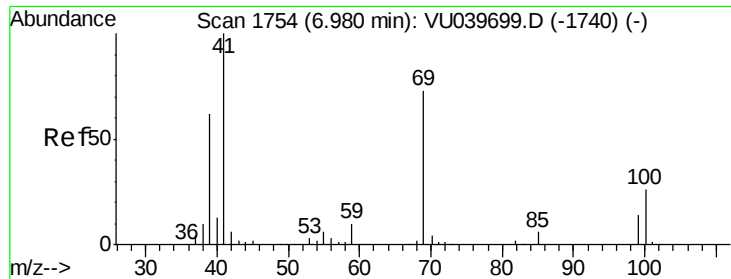
Abundance Ion 74.90 (74.60 to 75.60): VU039699.D (-2953) (-)

Ion 53.00 (52.70 to 53.70): VU039699.D (-2953) (-)

Ion 88.80 (88.50 to 89.50): VU039699.D (-2953) (-)

Ion 87.80 (87.50 to 88.50): VU039699.D (-2953) (-)

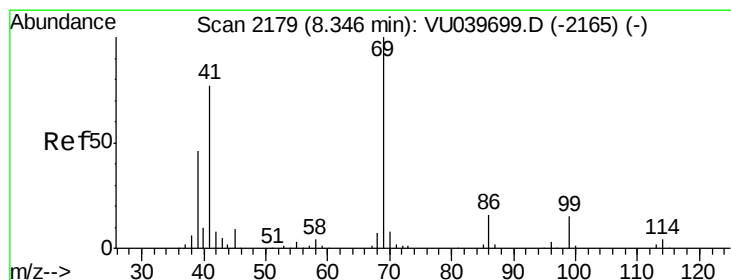
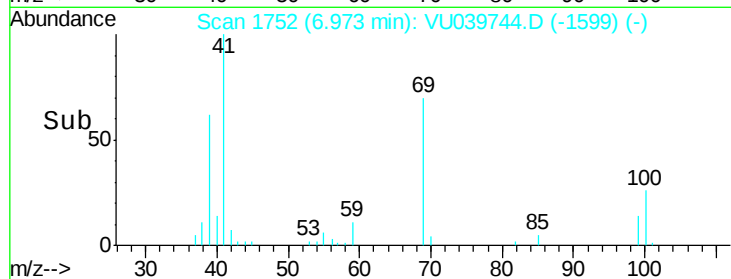
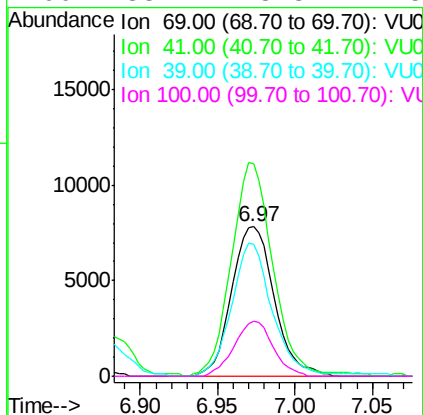
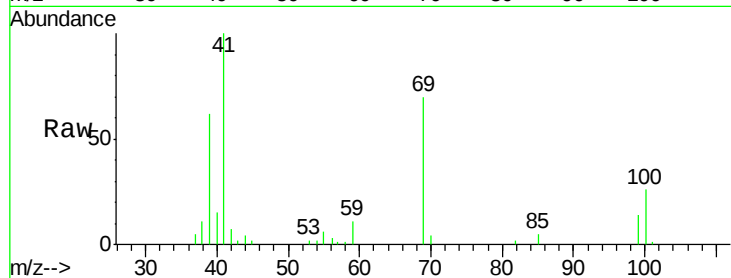




#47
Methyl methacrylate
Concen: 3.820 ug/l
RT: 6.97 min Scan# 1752
Delta R.T. -0.01 min
Lab File: VU039744.D
Acq: 05 Aug 2020 11:51

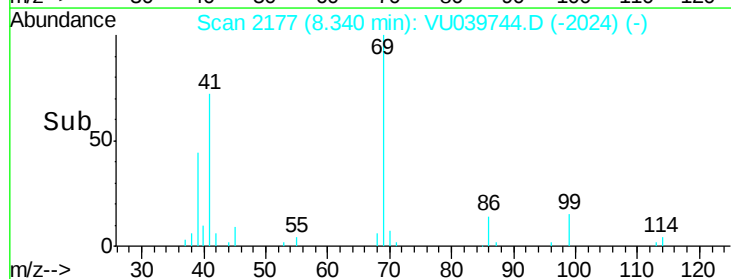
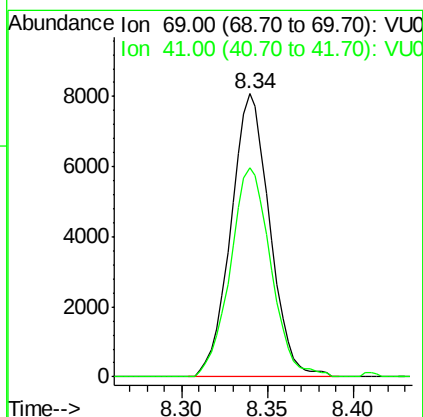
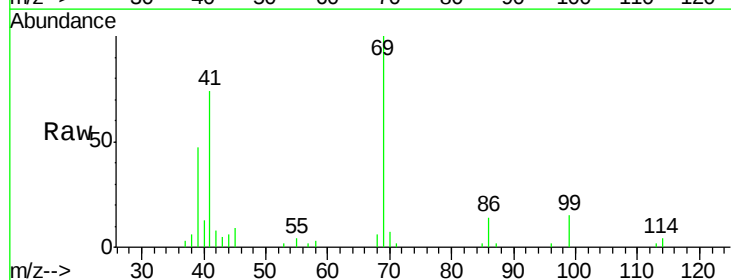
Instrument :
MSVOA_U
ClientSampleId :
VU0804WBS01

Tot Ion: 69 Resp: 14936
Ion Ratio Lower Upper
69 100
41 138.7 0.0 271.6
39 84.9 67.4 101.2
100 33.7 28.3 42.5



#48
Ethyl methacrylate
Concen: 1.768 ug/l
RT: 8.34 min Scan# 2177
Delta R.T. -0.01 min
Lab File: VU039744.D
Acq: 05 Aug 2020 11:51

Tgt Ion: 69 Resp: 12727
Ion Ratio Lower Upper
69 100
41 77.2 39.1 117.5





#49

Toluene

Concen: 1.865 ug/l

RT: 7.98 min Scan# 2064

Delta R.T. -0.00 min

Lab File: VU039744.D

Acq: 05 Aug 2020 11:51

Instrument :

MSVOA_U

ClientSampleId :

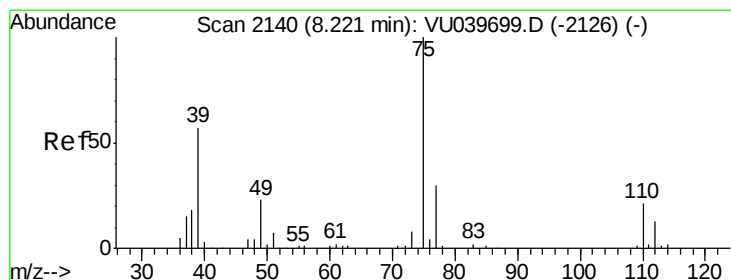
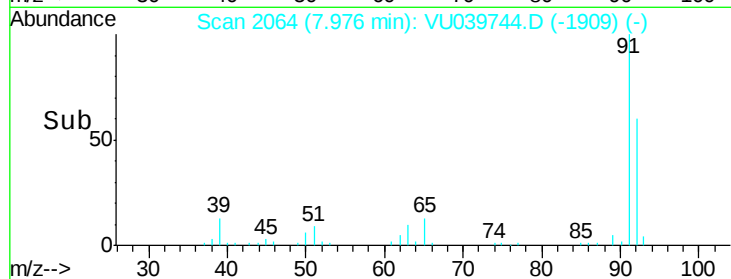
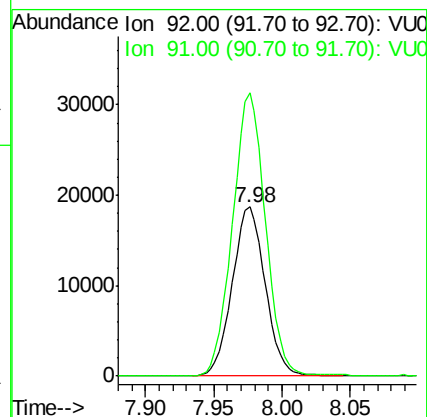
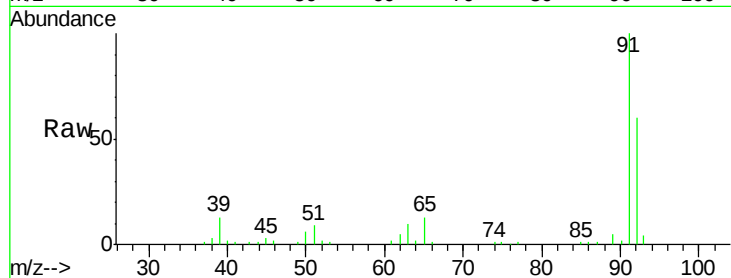
VU0804WBS01

Tot Ion: 92 Resp: 31388

Ion Ratio Lower Upper

92 100

91 166.6 136.1 204.1



#50

t-1,3-Dichloropropene

Concen: 1.674 ug/l

RT: 8.22 min Scan# 2139

Delta R.T. -0.00 min

Lab File: VU039744.D

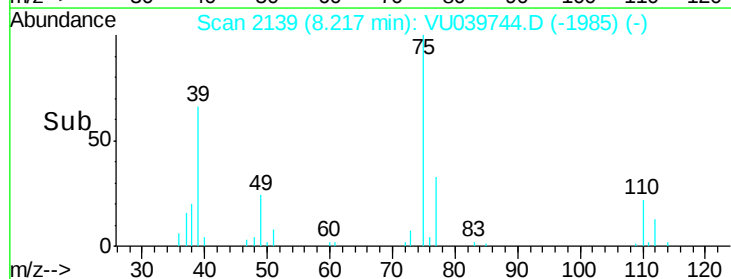
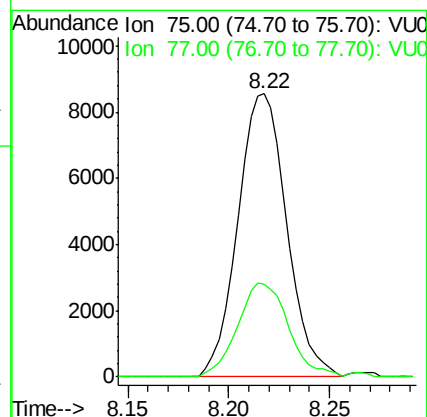
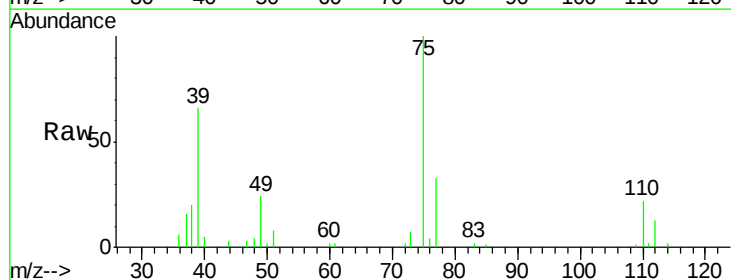
Acq: 05 Aug 2020 11:51

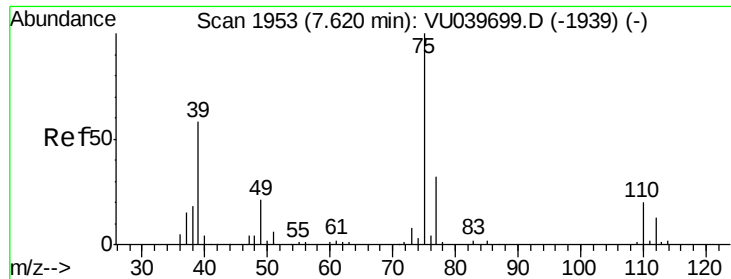
Tgt Ion: 75 Resp: 14495

Ion Ratio Lower Upper

75 100

77 32.7 24.3 36.5



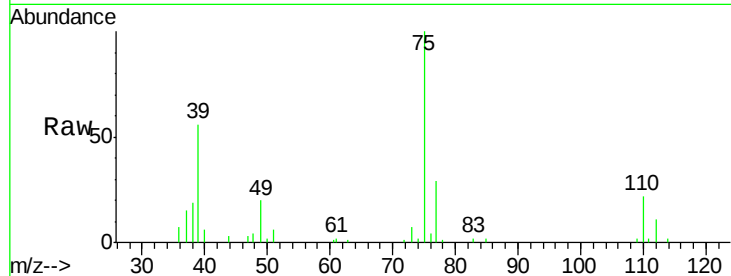


#51

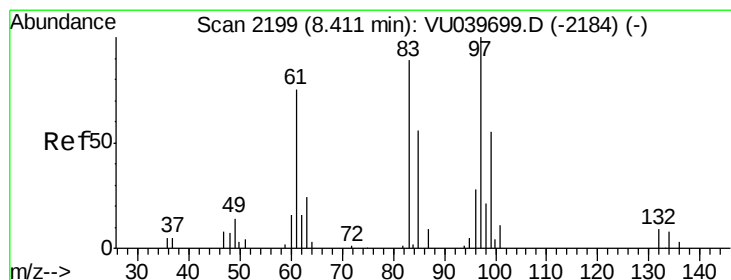
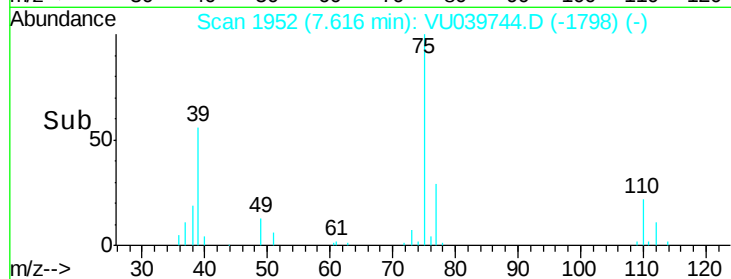
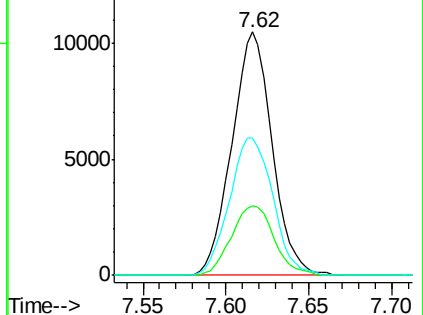
cis-1,3-Dichloropropene
 Concen: 1.732 ug/l
 RT: 7.62 min Scan# 1952
 Delta R.T. -0.00 min
 Lab File: VU039744.D
 Acq: 05 Aug 2020 11:51

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0804WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	28.5	25.7	38.5
39	56.4	46.1	69.1



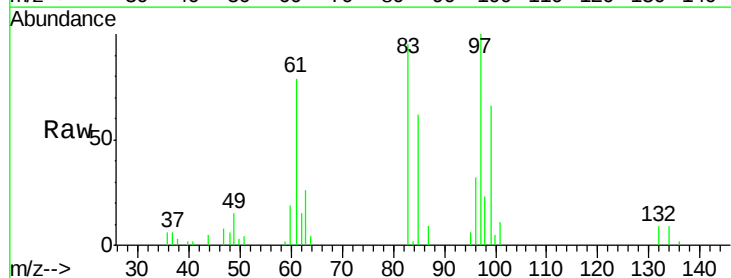
Abundance Ion 75.00 (74.70 to 75.70): VU0
 Ion 77.00 (76.70 to 77.70): VU0
 Ion 39.00 (38.70 to 39.70): VU0



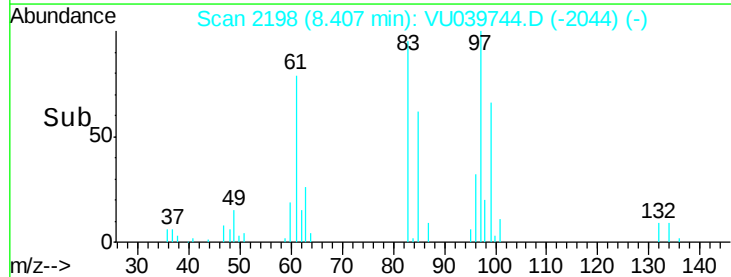
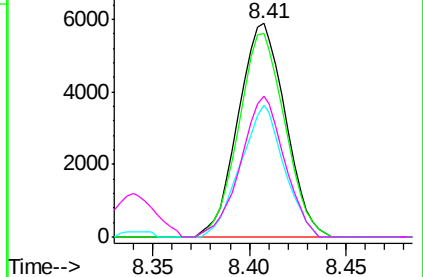
#52

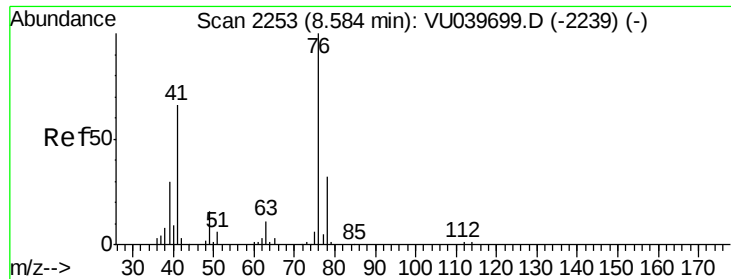
1,1,2-Trichloroethane
 Concen: 1.840 ug/l
 RT: 8.41 min Scan# 2198
 Delta R.T. -0.00 min
 Lab File: VU039744.D
 Acq: 05 Aug 2020 11:51

Tgt Ion	Ratio	Lower	Upper
97	100		
83	95.3	71.3	106.9
85	61.6	45.4	68.2
99	66.0	49.4	74.0



Abundance Ion 97.00 (96.70 to 97.70): VU0
 Ion 82.95 (82.65 to 83.65): VU0
 Ion 84.95 (84.65 to 85.65): VU0
 Ion 98.95 (98.65 to 99.65): VU0

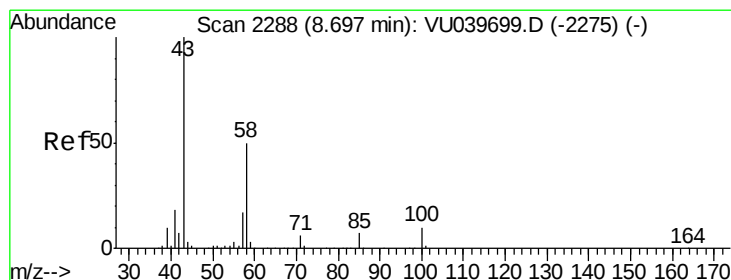
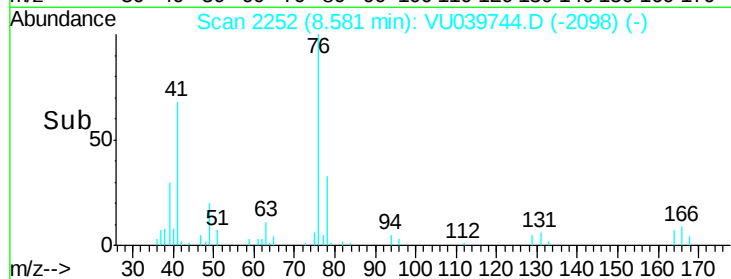
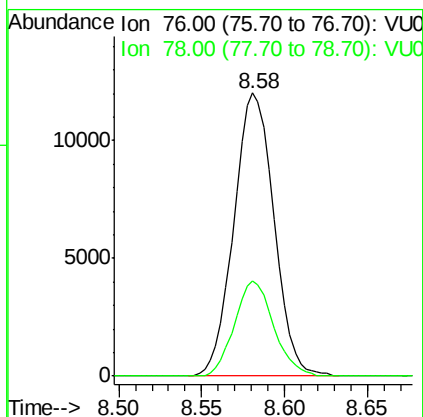
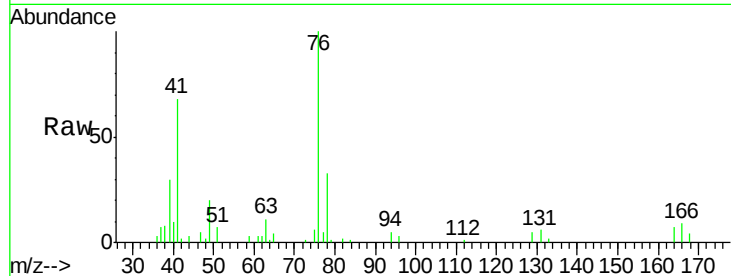




#53
 1,3-Dichloropropane
 Concen: 1.936 ug/l
 RT: 8.58 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VU039744.D
 Acq: 05 Aug 2020 11:51

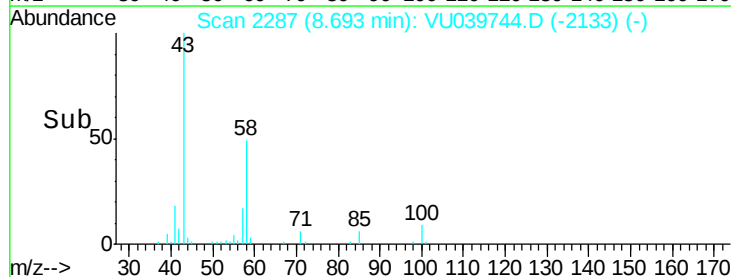
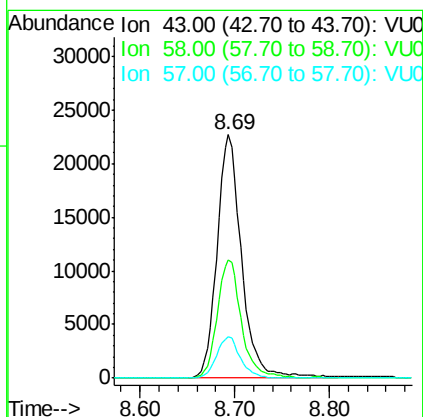
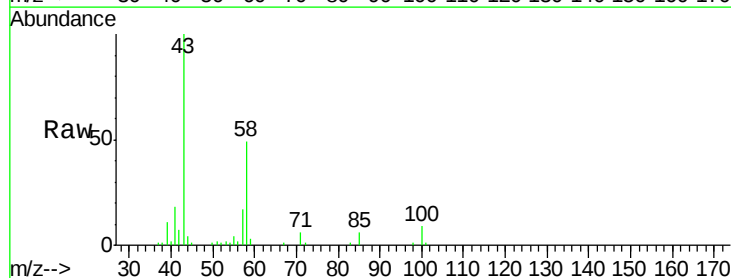
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0804WBS01

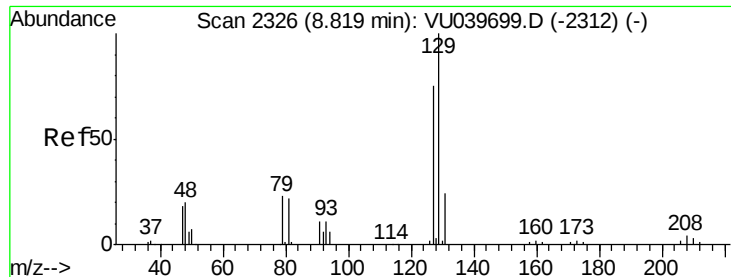
Tot Ion: 76 Resp: 20245
 Ion Ratio Lower Upper
 76 100
 78 32.6 25.4 38.2



#54
 2-Hexanone
 Concen: 8.999 ug/l
 RT: 8.69 min Scan# 2287
 Delta R.T. -0.00 min
 Lab File: VU039744.D
 Acq: 05 Aug 2020 11:51

Tgt Ion: 43 Resp: 40921
 Ion Ratio Lower Upper
 43 100
 58 47.4 29.9 69.9
 57 16.3 0.0 37.2

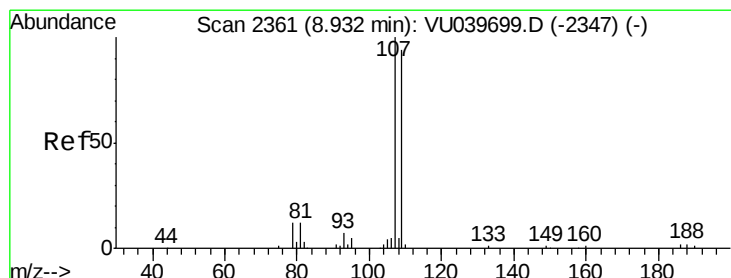
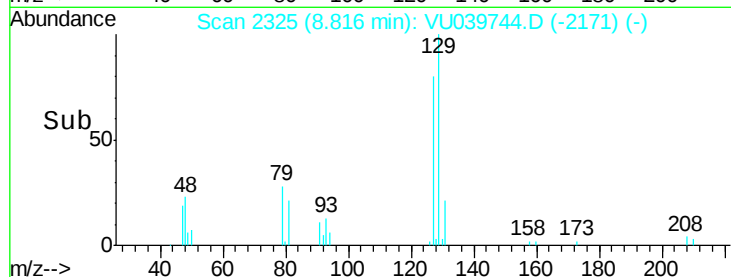
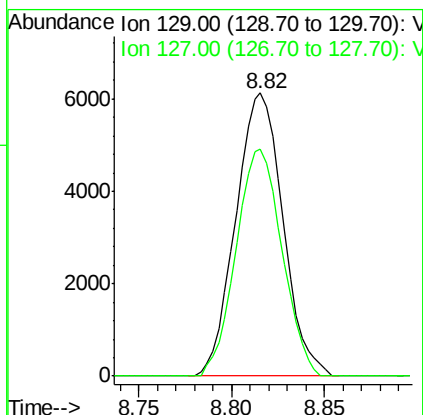
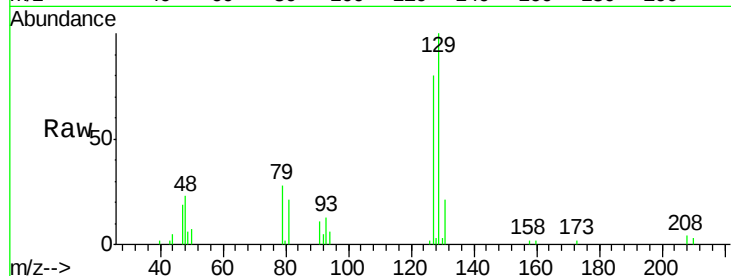




#55
 Dibromochloromethane
 Concen: 1.849 ug/l
 RT: 8.82 min Scan# 2325
 Delta R.T. -0.00 min
 Lab File: VU039744.D
 Acq: 05 Aug 2020 11:51

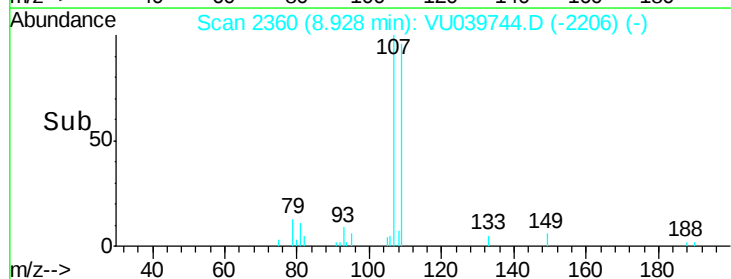
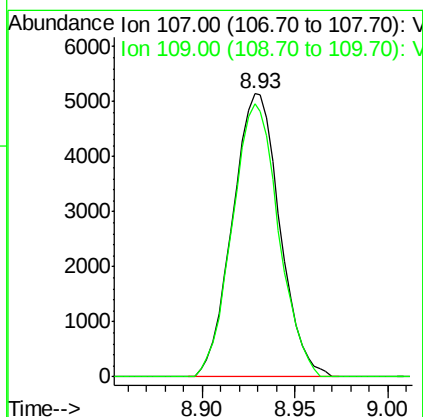
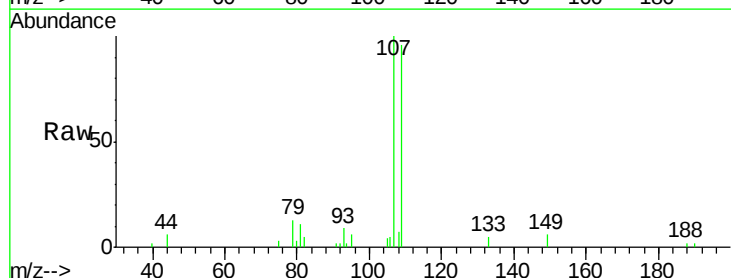
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0804WBS01

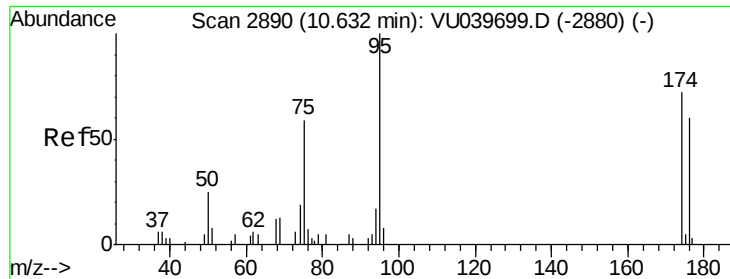
Tot Ion:129 Resp: 10815
 Ion Ratio Lower Upper
 129 100
 127 77.9 62.4 93.6



#56
 1,2-Dibromoethane
 Concen: 1.730 ug/l
 RT: 8.93 min Scan# 2360
 Delta R.T. -0.00 min
 Lab File: VU039744.D
 Acq: 05 Aug 2020 11:51

Tgt Ion:107 Resp: 9080
 Ion Ratio Lower Upper
 107 100
 109 94.7 0.0 185.2

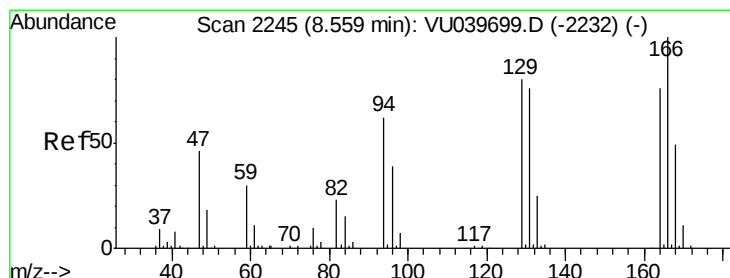
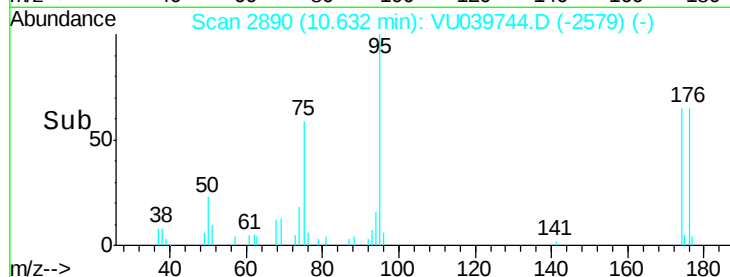
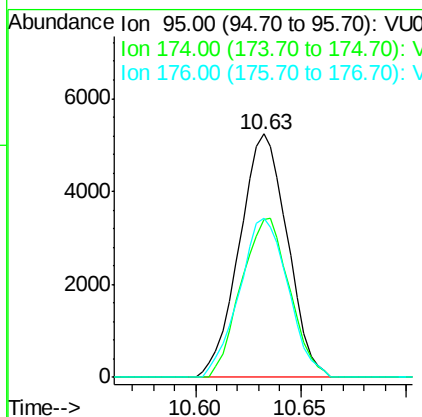
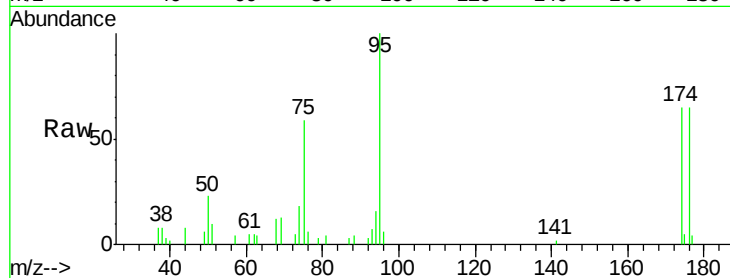




#57
 4-Bromofluorobenzene
 Concen: 0.937 ug/l
 RT: 10.63 min Scan# 2890
 Delta R.T. -0.00 min
 Lab File: VU039744.D
 Acq: 05 Aug 2020 11:51

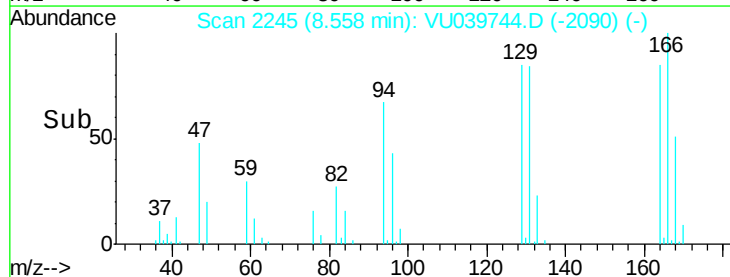
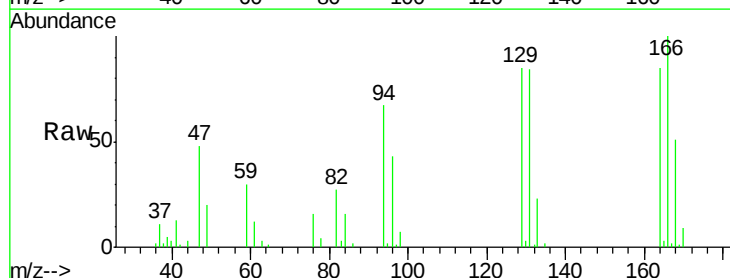
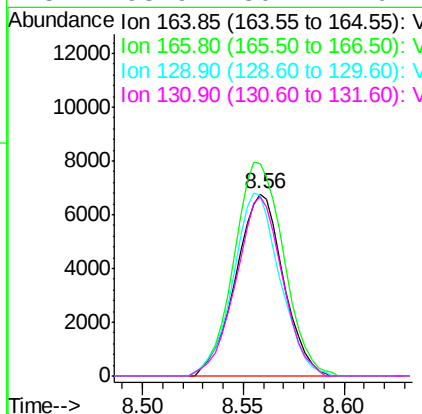
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0804WBS01

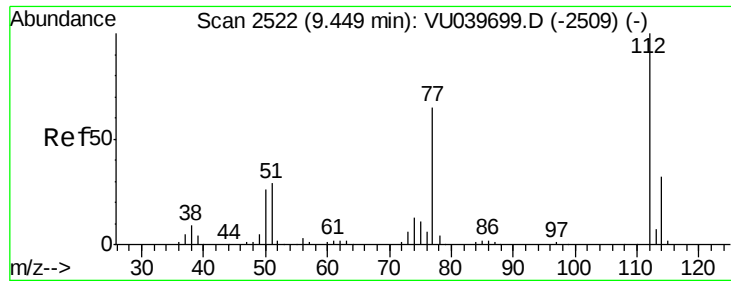
Tot Ion: 95 Resp: 8270
 Ion Ratio Lower Upper
 95 100
 174 65.7 57.0 85.4
 176 66.6 50.2 75.2



#58
 Tetrachloroethene
 Concen: 1.974 ug/l
 RT: 8.56 min Scan# 2245
 Delta R.T. -0.00 min
 Lab File: VU039744.D
 Acq: 05 Aug 2020 11:51

Tgt Ion: 164 Resp: 11178
 Ion Ratio Lower Upper
 164 100
 166 117.2 104.8 157.2
 129 99.3 84.1 126.1
 131 98.9 80.1 120.1





#59

Chlorobenzene

Concen: 1.811 ug/l

RT: 9.45 min Scan# 2522

Delta R.T. -0.00 min

Lab File: VU039744.D

Acq: 05 Aug 2020 11:51

Instrument :

MSVOA_U

ClientSampleId :

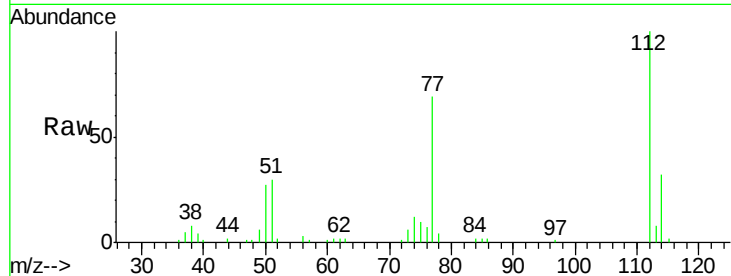
VU0804WBS01

Tot Ion:112 Resp: 31515

Ion Ratio Lower Upper

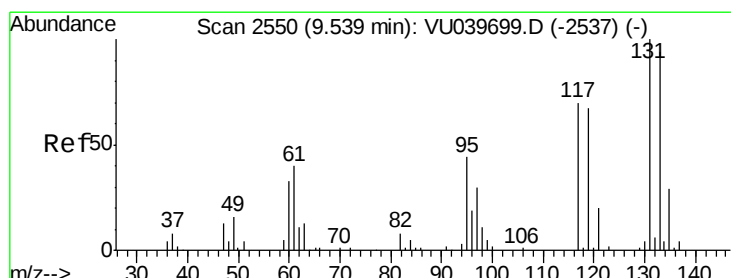
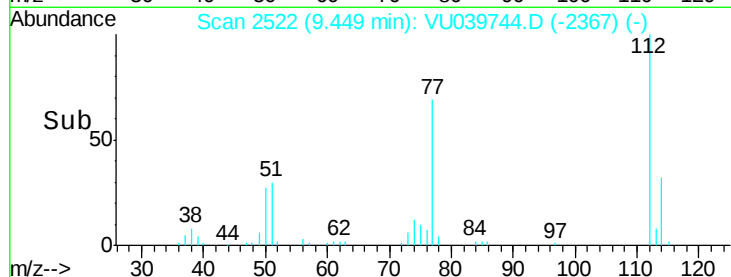
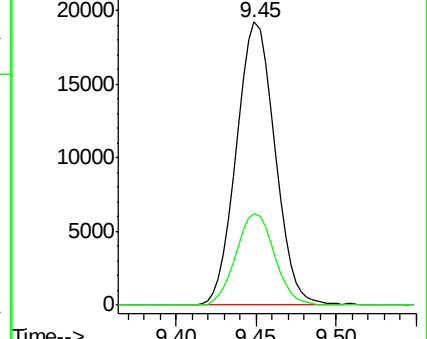
112 100

114 32.5 25.8 38.6



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V



#60

1,1,1,2-Tetrachloroethane

Concen: 1.833 ug/l

RT: 9.54 min Scan# 2549

Delta R.T. -0.00 min

Lab File: VU039744.D

Acq: 05 Aug 2020 11:51

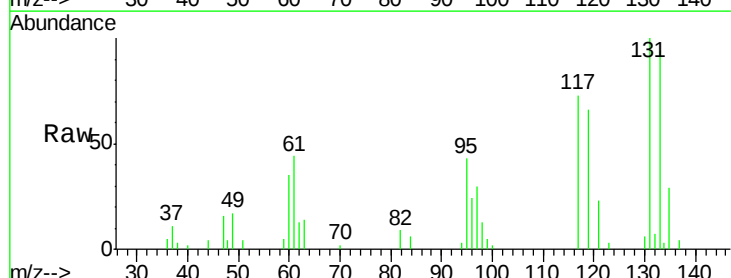
Tgt Ion:131 Resp: 10753

Ion Ratio Lower Upper

131 100

133 97.5 75.8 113.8

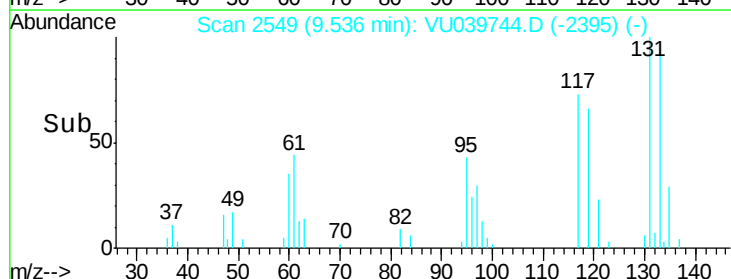
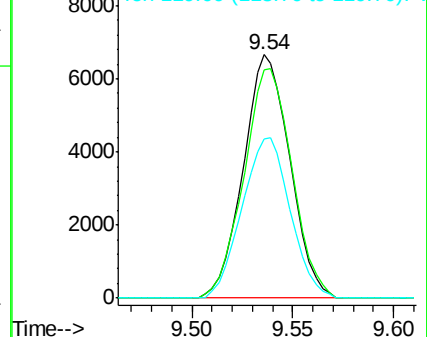
119 68.2 54.6 81.8

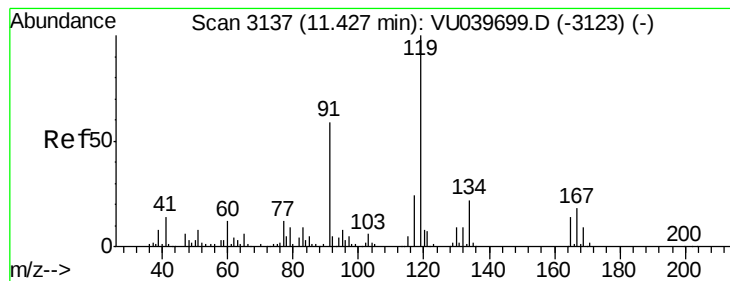


Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V





#61

Pentachloroethane

Concen: 1.590 ug/l

RT: 11.43 min Scan# 3137

Delta R.T. -0.00 min

Lab File: VU039744.D

Acq: 05 Aug 2020 11:51

Instrument :

MSVOA_U

ClientSampleId :

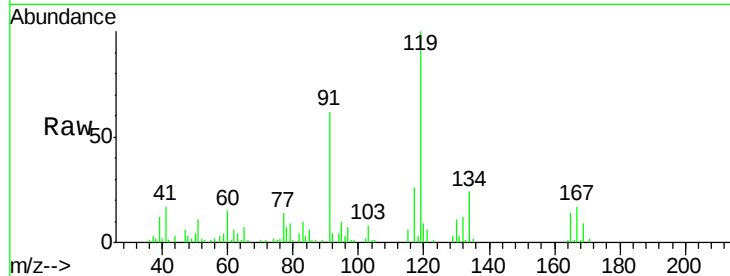
VU0804WBS01

Tot Ion:117 Resp: 8193

Ion Ratio Lower Upper

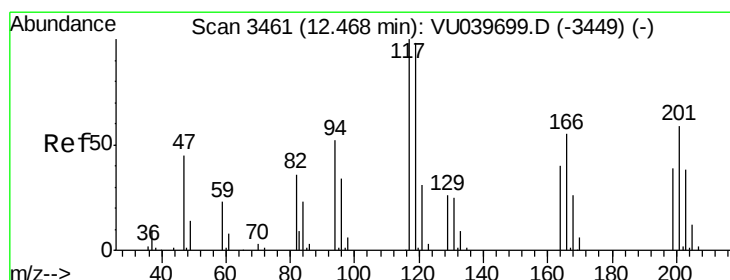
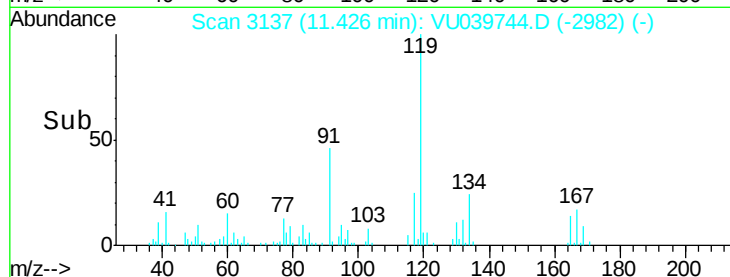
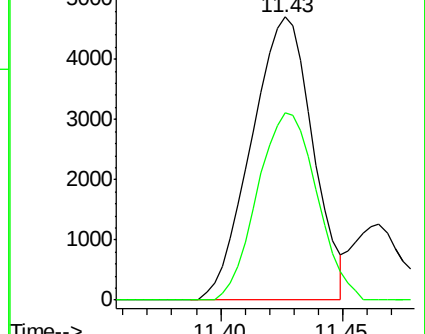
117 100

167 64.0 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: 1.673 ug/l

RT: 12.47 min Scan# 3462

Delta R.T. 0.00 min

Lab File: VU039744.D

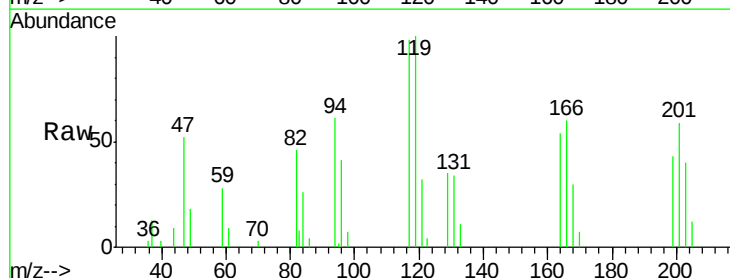
Acq: 05 Aug 2020 11:51

Tgt Ion:117 Resp: 7904

Ion Ratio Lower Upper

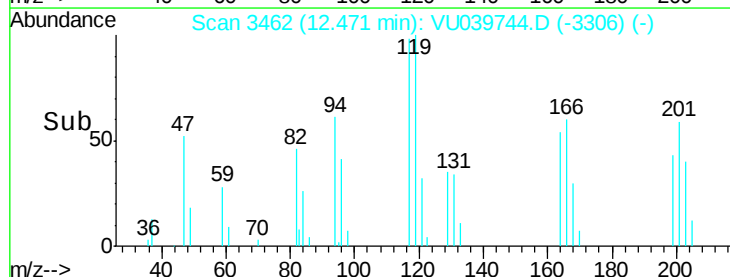
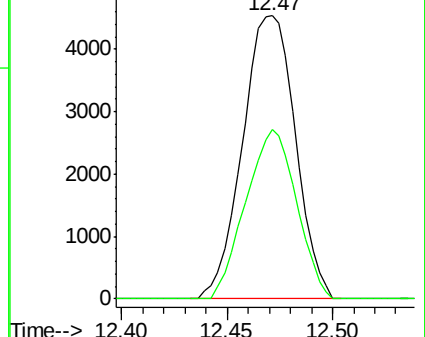
117 100

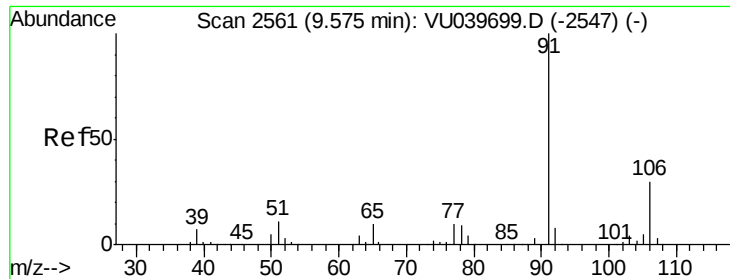
201 57.3 48.1 72.1



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.60 (200.30 to 201.30): V





#63

Ethyl Benzene

Concen: 1.765 ug/l

RT: 9.57 min Scan# 2561

Delta R.T. -0.00 min

Lab File: VU039744.D

Acq: 05 Aug 2020 11:51

Instrument :

MSVOA_U

ClientSampleId :

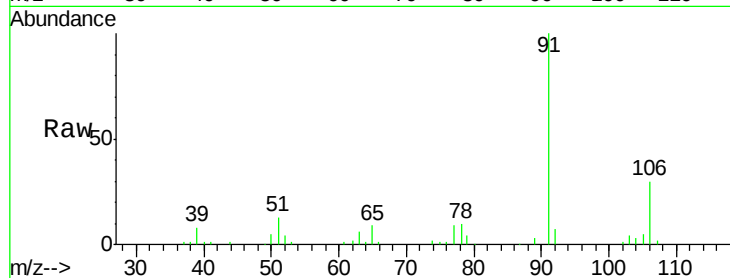
VU0804WBS01

Tot Ion: 91 Resp: 55032

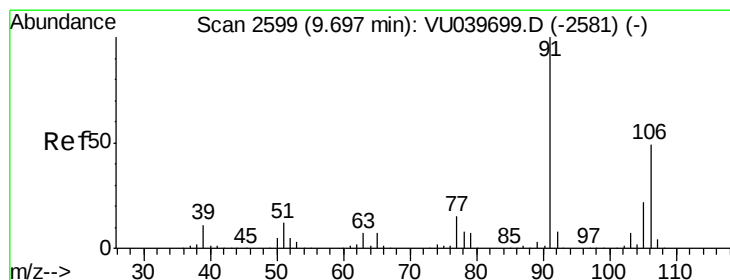
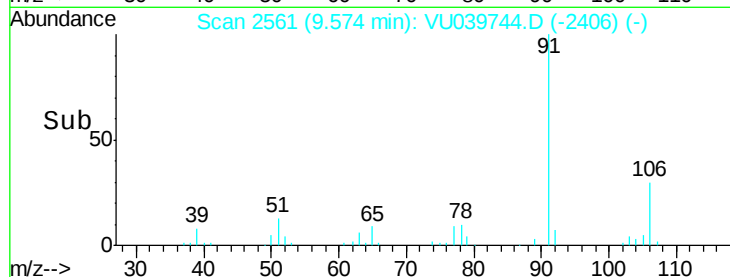
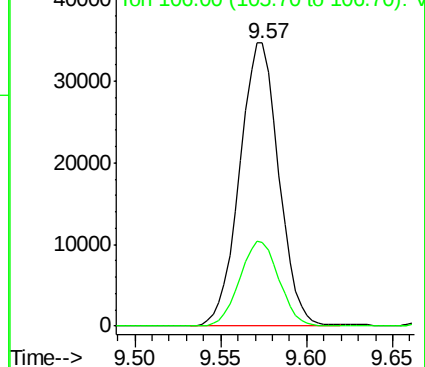
Ion Ratio Lower Upper

91 100

106 29.7 24.2 36.4



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



#64

m/p-Xylenes

Concen: 3.425 ug/l

RT: 9.70 min Scan# 2599

Delta R.T. -0.00 min

Lab File: VU039744.D

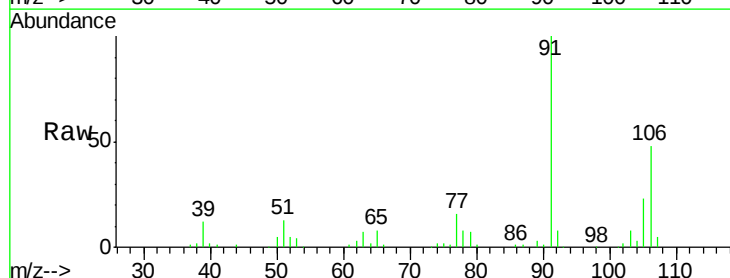
Acq: 05 Aug 2020 11:51

Tgt Ion: 106 Resp: 41720

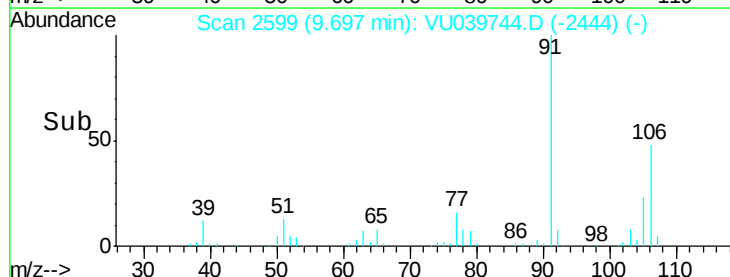
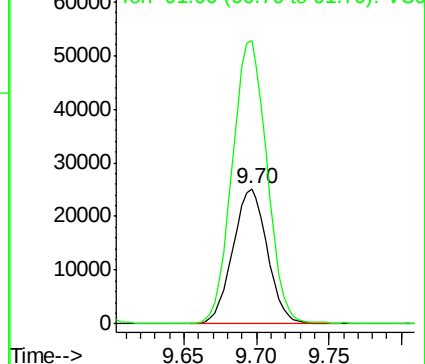
Ion Ratio Lower Upper

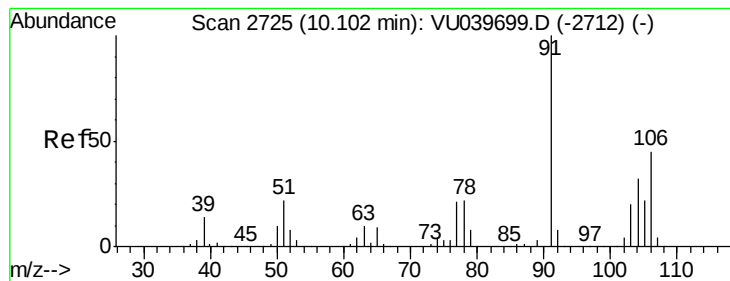
106 100

91 210.3 163.9 245.9



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





#65

o-Xylene

Concen: 1.792 ug/l

RT: 10.10 min Scan# 2725

Delta R.T. -0.00 min

Lab File: VU039744.D

Acq: 05 Aug 2020 11:51

Instrument :

MSVOA_U

ClientSampleId :

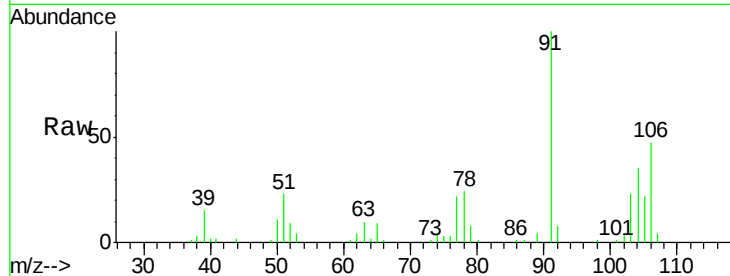
VU0804WBS01

Tot Ion:106 Resp: 20729

Ion Ratio Lower Upper

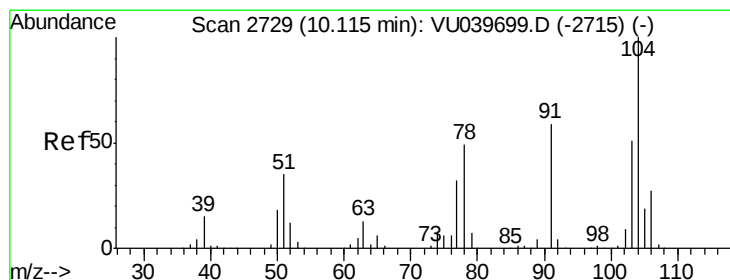
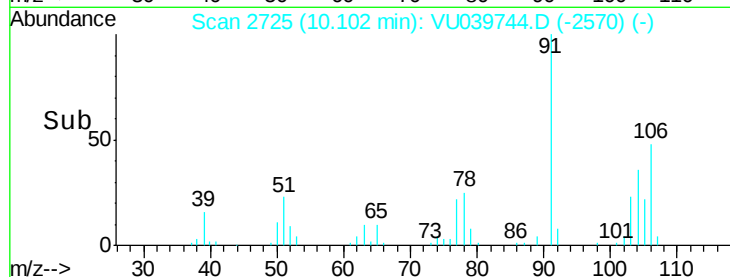
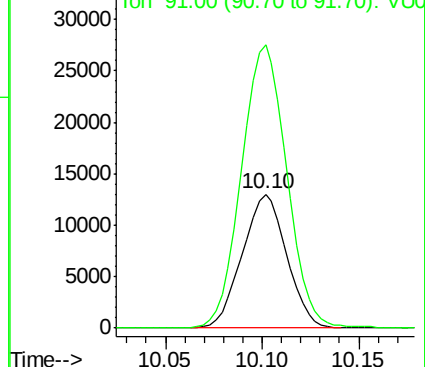
106 100

91 216.5 110.3 331.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#66

Styrene

Concen: 1.662 ug/l

RT: 10.11 min Scan# 2729

Delta R.T. -0.00 min

Lab File: VU039744.D

Acq: 05 Aug 2020 11:51

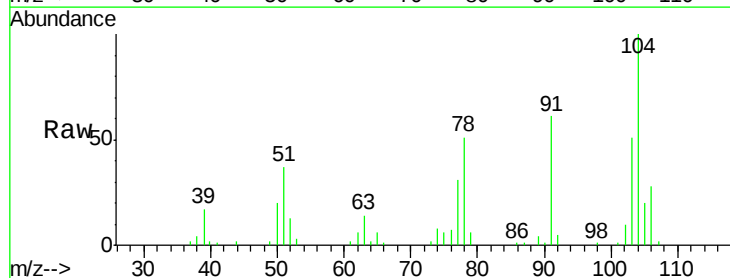
Tgt Ion:104 Resp: 32936

Ion Ratio Lower Upper

104 100

78 56.1 42.2 63.4

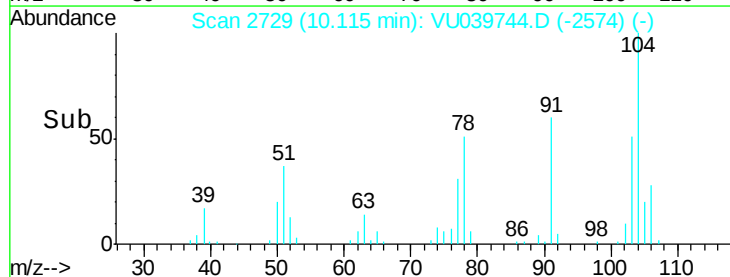
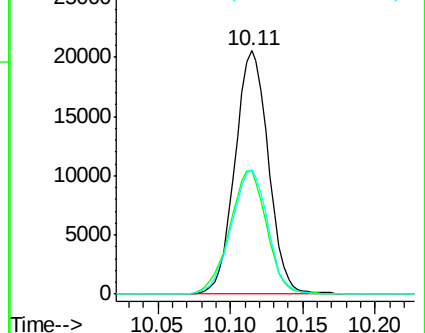
103 55.9 43.4 65.2

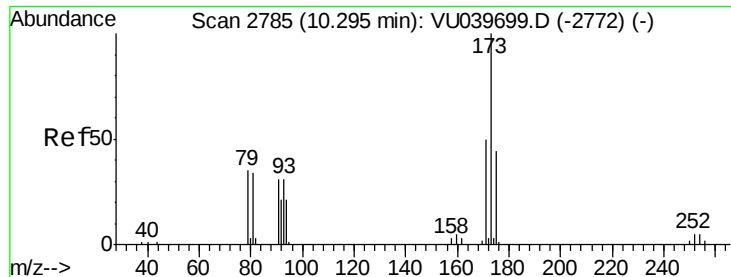


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VU0

Ion 103.00 (102.70 to 103.70): V

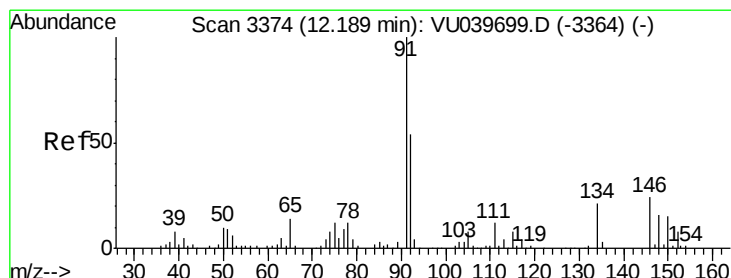
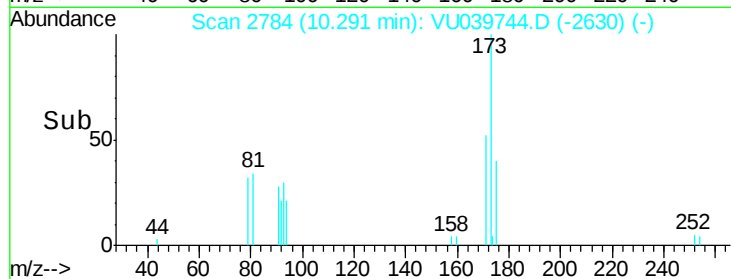
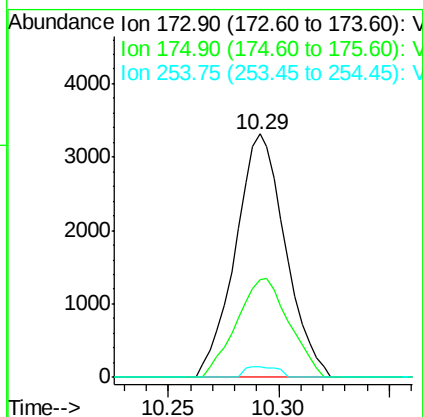
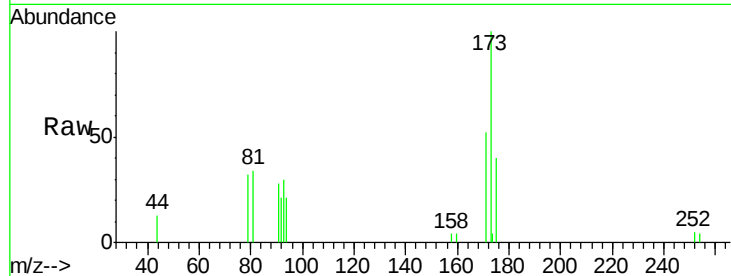




#67
 Bromoform
 Concen: 1.749 ug/l
 RT: 10.29 min Scan# 2784
 Delta R.T. -0.00 min
 Lab File: VU039744.D
 Acq: 05 Aug 2020 11:51

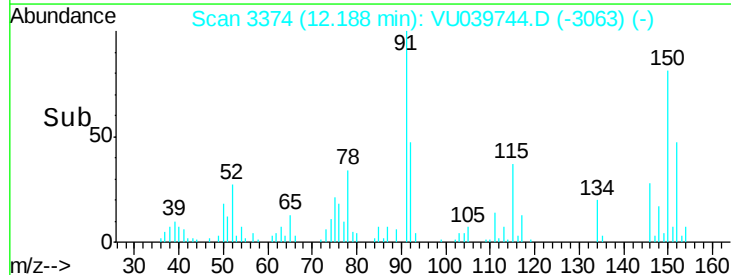
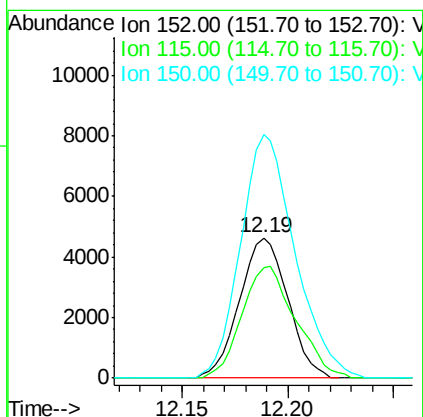
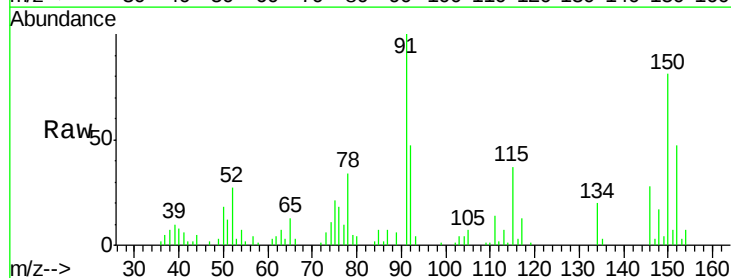
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0804WBS01

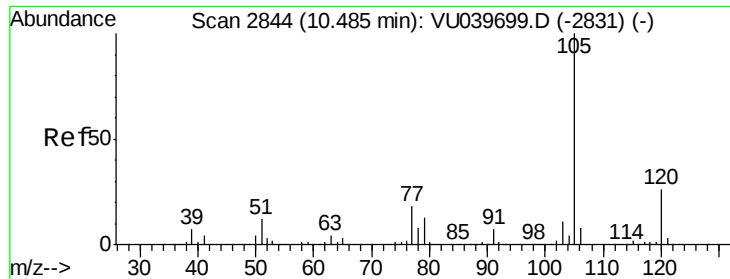
Tot Ion:173 Resp: 5218
 Ion Ratio Lower Upper
 173 100
 175 42.5 36.7 55.1
 254 2.9 3.8 5.8#



#68
 1,2-Dichlorobenzene-d4
 Concen: 0.852 ug/l
 RT: 12.19 min Scan# 3374
 Delta R.T. -0.00 min
 Lab File: VU039744.D
 Acq: 05 Aug 2020 11:51

Tgt Ion:152 Resp: 7362
 Ion Ratio Lower Upper
 152 100
 115 88.4 0.0 302.4
 150 196.1 0.0 645.8





#69

Isopropylbenzene

Concen: 1.680 ug/l

RT: 10.48 min Scan# 2844

Delta R.T. -0.00 min

Lab File: VU039744.D

Acq: 05 Aug 2020 11:51

Instrument :

MSVOA_U

ClientSampleId :

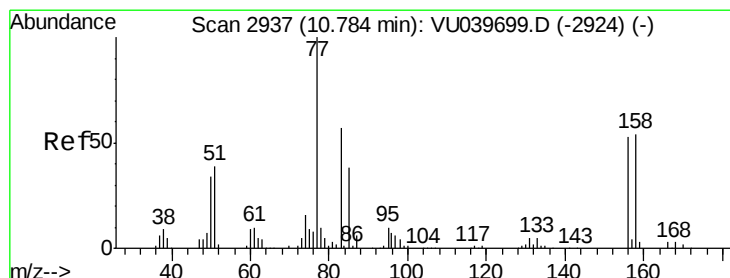
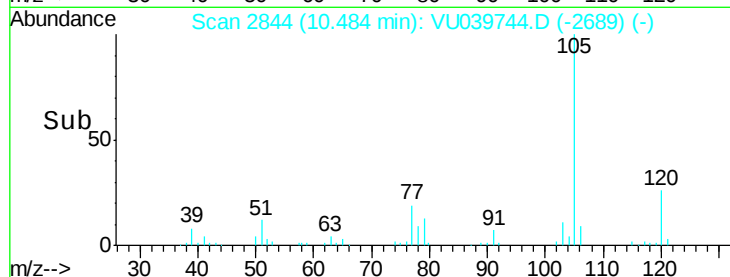
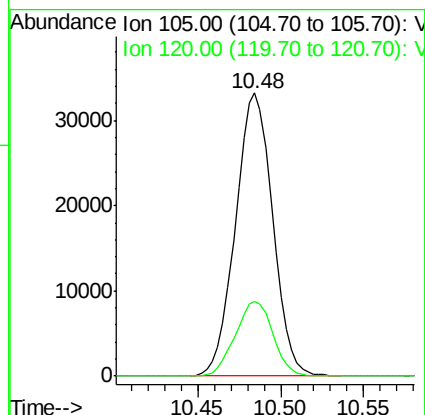
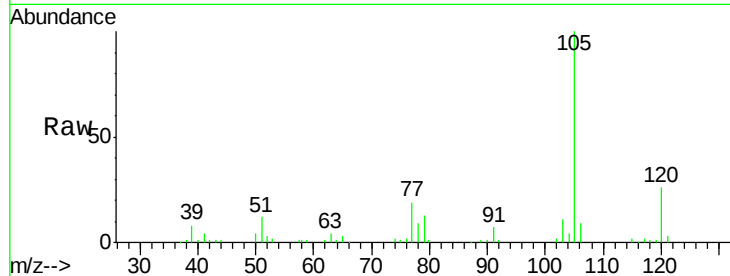
VU0804WBS01

Tot Ion:105 Resp: 51911

Ion Ratio Lower Upper

105 100

120 26.4 12.8 38.4



#70

1,1,2,2-Tetrachloroethane

Concen: 1.809 ug/l

RT: 10.78 min Scan# 2937

Delta R.T. -0.00 min

Lab File: VU039744.D

Acq: 05 Aug 2020 11:51

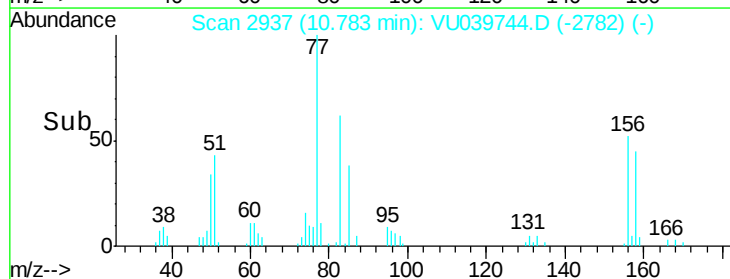
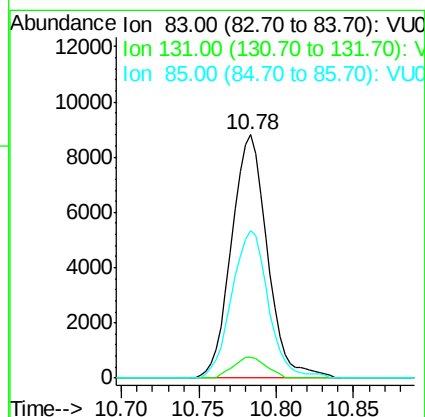
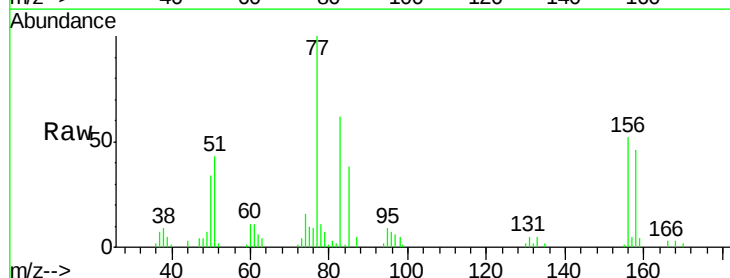
Tgt Ion: 83 Resp: 14188

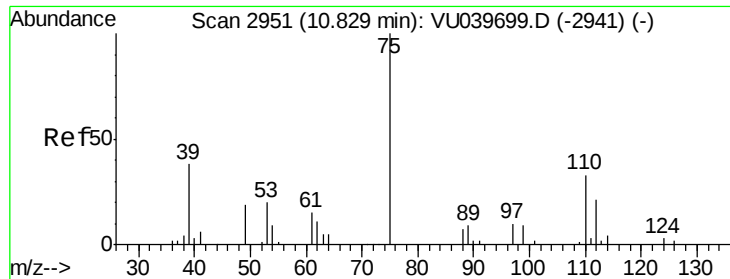
Ion Ratio Lower Upper

83 100

131 7.9 7.0 10.6

85 61.6 50.6 75.8

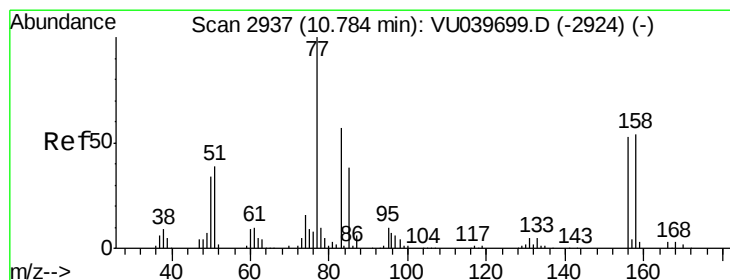
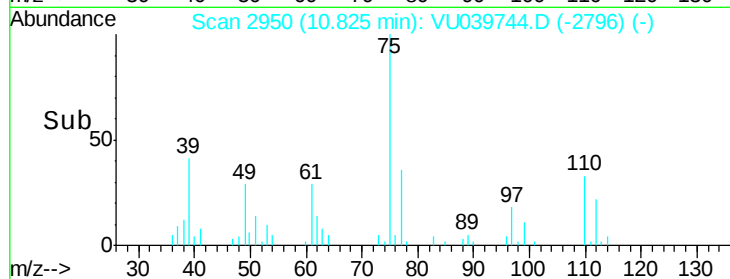
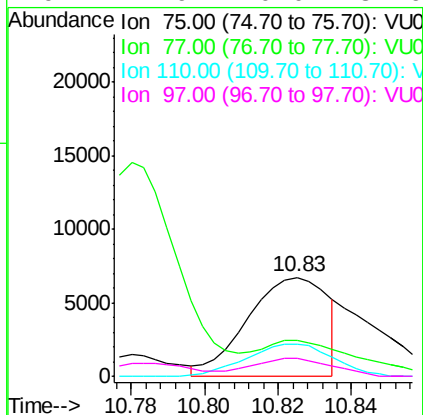
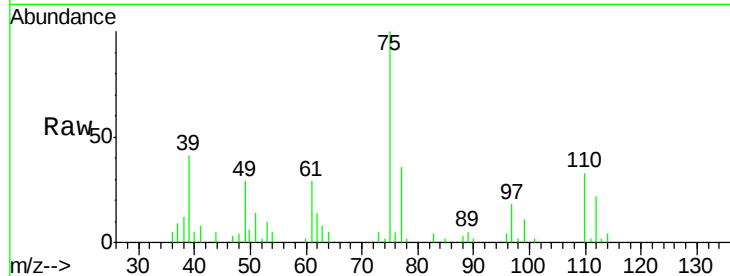




#71
 1,2,3-Trichloropropane
 Concen: 1.731 ug/l m
 RT: 10.83 min Scan# 2950
 Delta R.T. -0.00 min
 Lab File: VU039744.D
 Acq: 05 Aug 2020 11:51

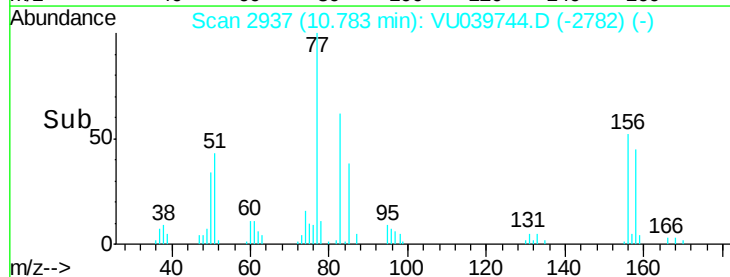
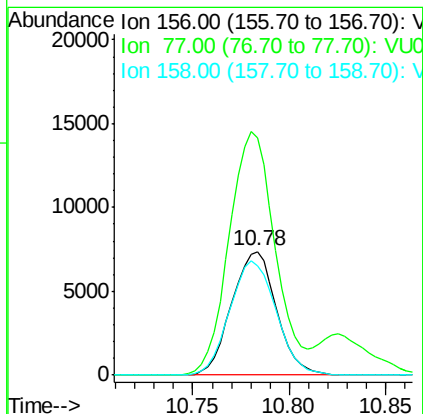
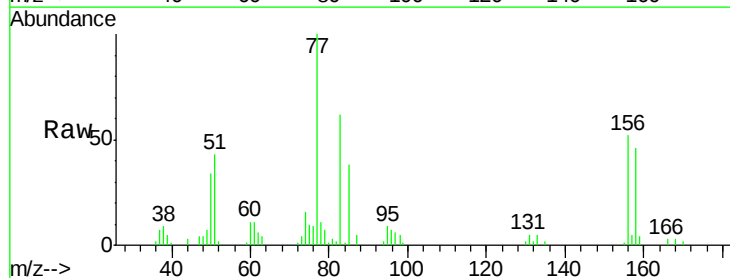
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0804WBS01

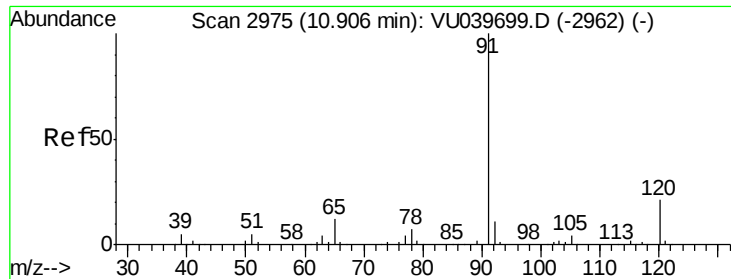
Tot Ion:	75	Resp:	10223
Ion	Ratio	Lower	Upper
75	100		
77	42.6	0.0	91.0
110	35.2	0.0	64.2
97	17.9	0.0	32.6



#72
 Bromobenzene
 Concen: 1.689 ug/l
 RT: 10.78 min Scan# 2937
 Delta R.T. -0.00 min
 Lab File: VU039744.D
 Acq: 05 Aug 2020 11:51

Tgt Ion:	156	Resp:	11854
Ion	Ratio	Lower	Upper
156	100		
77	202.3	0.0	385.2
158	96.2	0.0	200.8





#73

n-propylbenzene

Concen: 1.684 ug/l

RT: 10.91 min Scan# 2975

Delta R.T. -0.00 min

Lab File: VU039744.D

Acq: 05 Aug 2020 11:51

Instrument :

MSVOA_U

ClientSampleId :

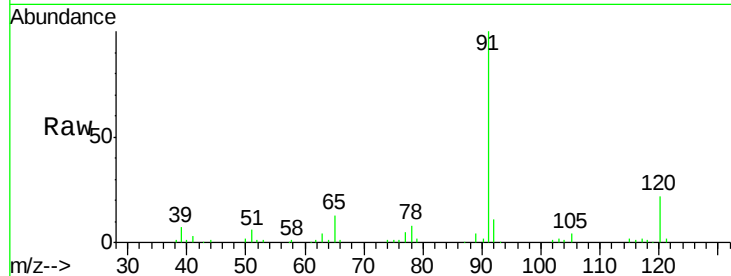
VU0804WBS01

Tot Ion:120 Resp: 14632

Ion Ratio Lower Upper

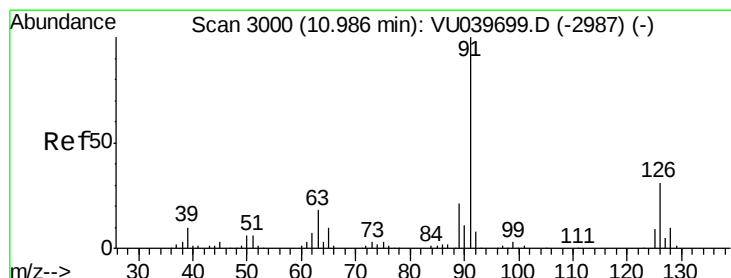
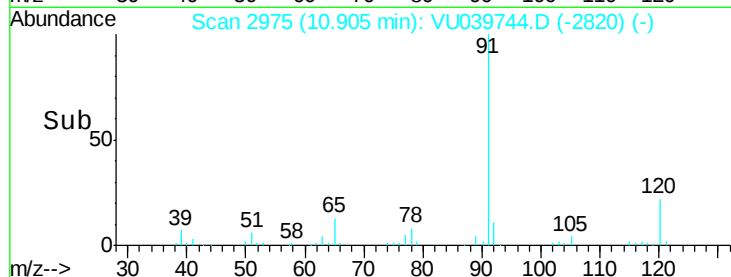
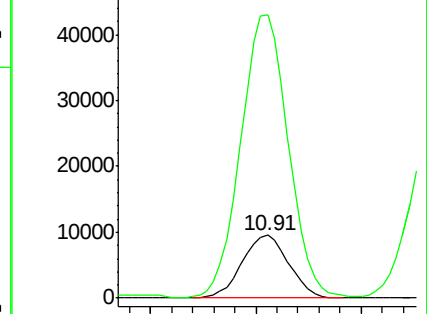
120 100

91 459.9 371.7 557.5



Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0



#74

2-Chlorotoluene

Concen: 1.691 ug/l

RT: 10.99 min Scan# 3000

Delta R.T. -0.00 min

Lab File: VU039744.D

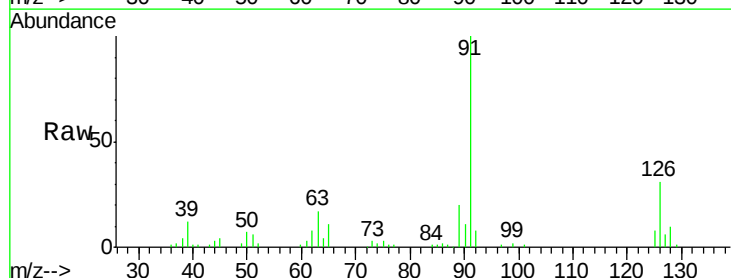
Acq: 05 Aug 2020 11:51

Tgt Ion:126 Resp: 12411

Ion Ratio Lower Upper

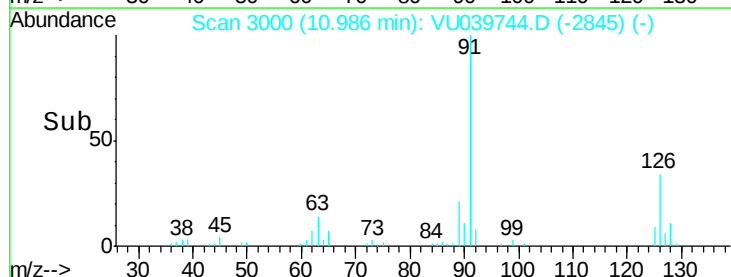
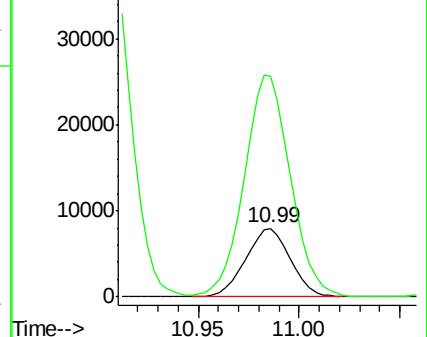
126 100

91 332.3 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: 1.706 ug/l

RT: 11.09 min Scan# 3031

Delta R.T. -0.00 min

Lab File: VU039744.D

Acq: 05 Aug 2020 11:51

Instrument :

MSVOA_U

ClientSampleId :

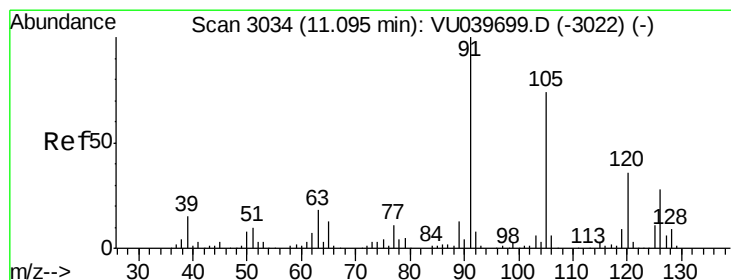
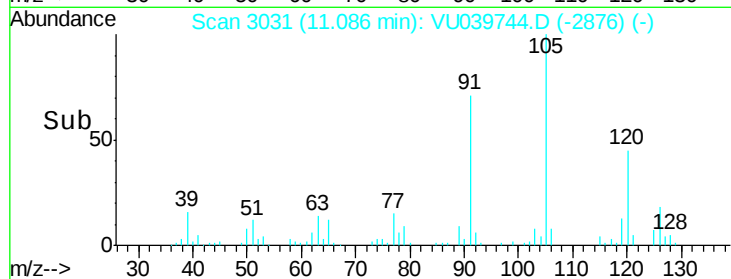
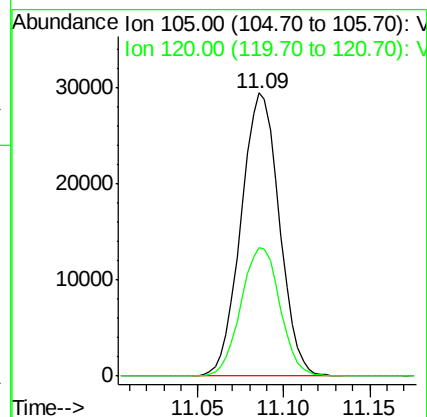
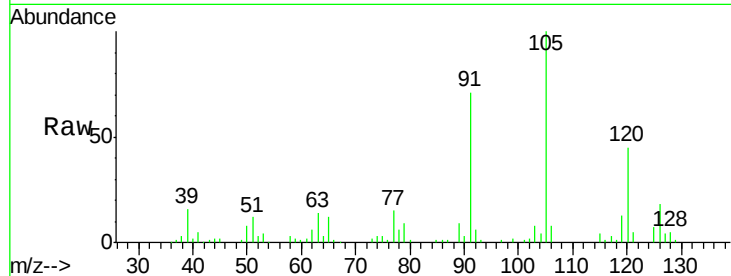
VU0804WBS01

Tot Ion:105 Resp: 45575

Ion Ratio Lower Upper

105 100

120 46.3 38.0 57.0



#76

4-Chlorotoluene

Concen: 1.769 ug/l

RT: 11.10 min Scan# 3034

Delta R.T. -0.00 min

Lab File: VU039744.D

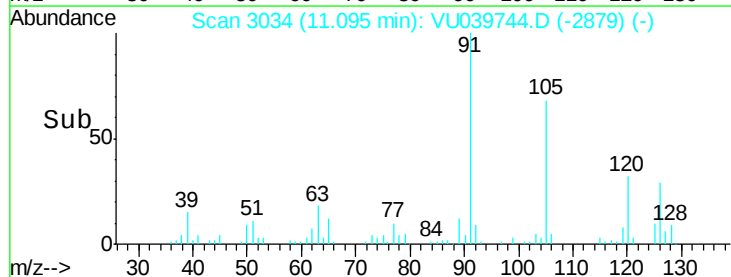
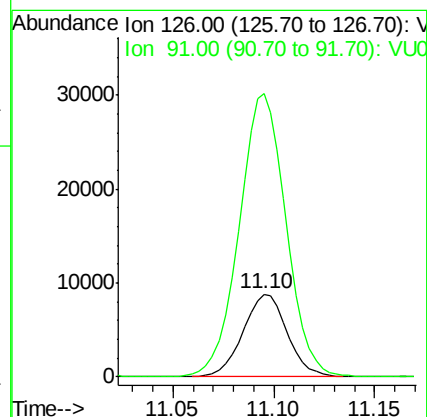
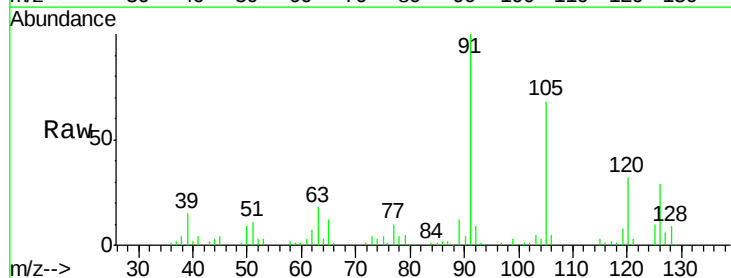
Acq: 05 Aug 2020 11:51

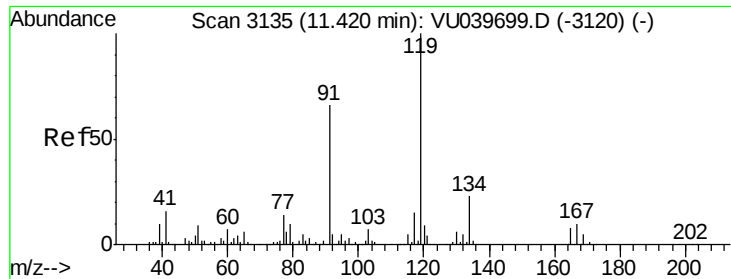
Tgt Ion:126 Resp: 13448

Ion Ratio Lower Upper

126 100

91 363.0 0.0 732.2

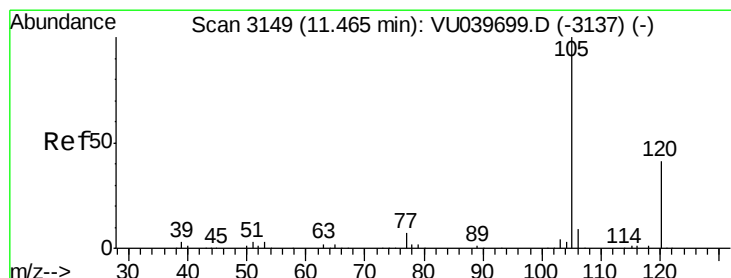
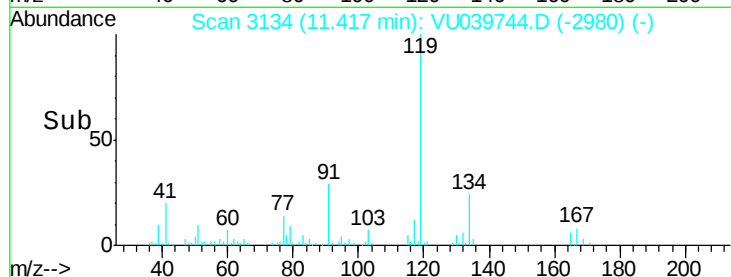
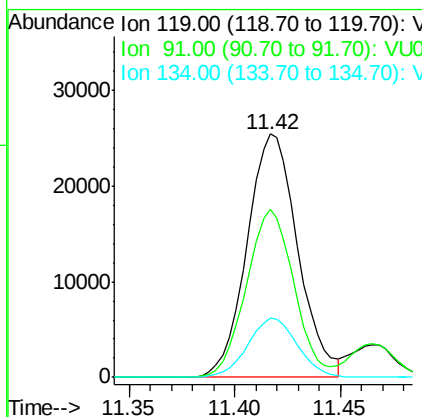
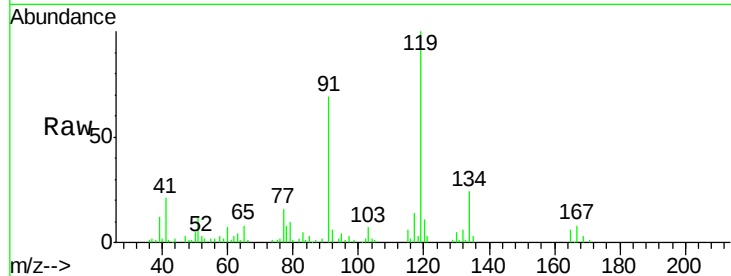




#77
 tert-Butylbenzene
 Concen: 1.659 ug/l
 RT: 11.42 min Scan# 3134
 Delta R.T. -0.00 min
 Lab File: VU039744.D
 Acq: 05 Aug 2020 11:51

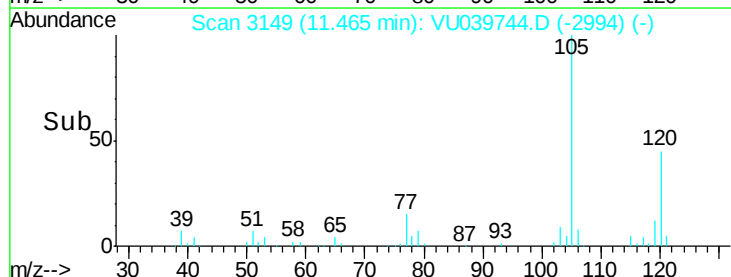
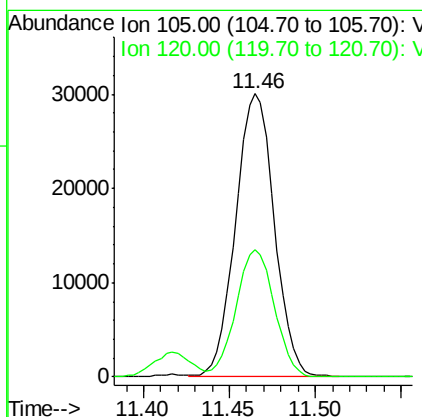
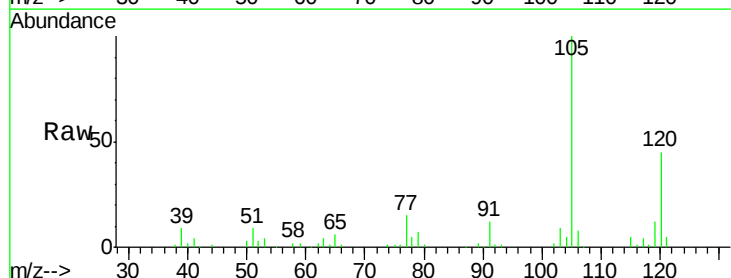
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0804WBS01

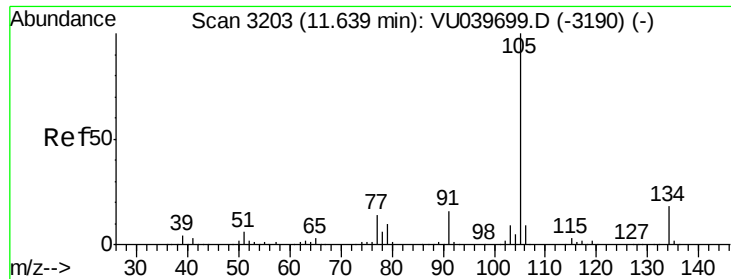
Tot Ion:119 Resp: 42506
 Ion Ratio Lower Upper
 119 100
 91 64.8 31.9 95.5
 134 23.6 18.2 27.4



#78
 1,2,4-Trimethylbenzene
 Concen: 1.716 ug/l
 RT: 11.46 min Scan# 3149
 Delta R.T. -0.00 min
 Lab File: VU039744.D
 Acq: 05 Aug 2020 11:51

Tgt Ion:105 Resp: 46992
 Ion Ratio Lower Upper
 105 100
 120 44.4 22.7 68.0





#79

sec-Butylbenzene

Concen: 1.652 ug/l

RT: 11.64 min Scan# 3204

Delta R.T. 0.00 min

Lab File: VU039744.D

Acq: 05 Aug 2020 11:51

Instrument :

MSVOA_U

ClientSampleId :

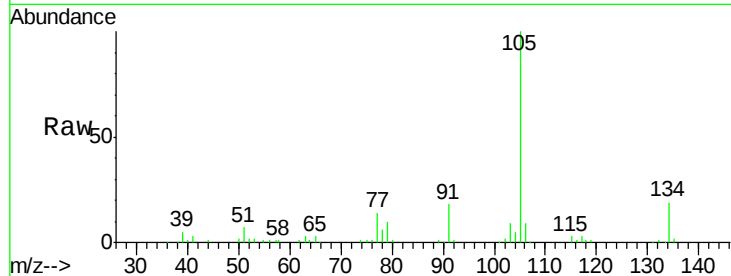
VU0804WBS01

Tot Ion: 105 Resp: 60250

Ion Ratio Lower Upper

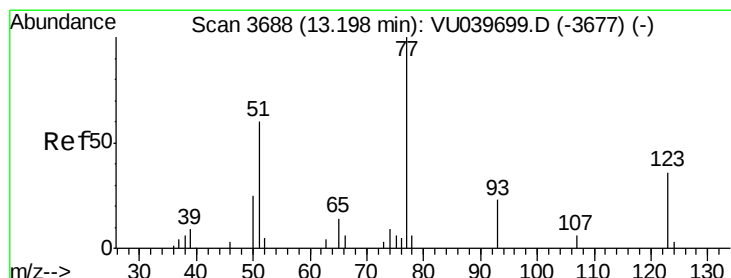
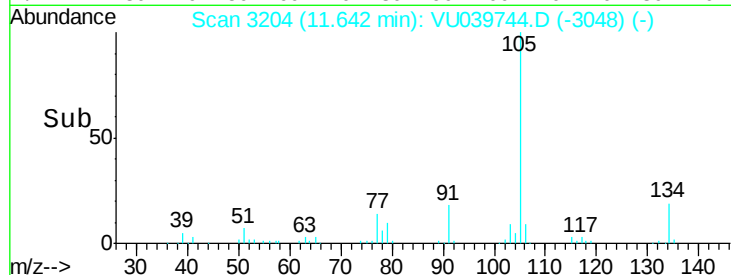
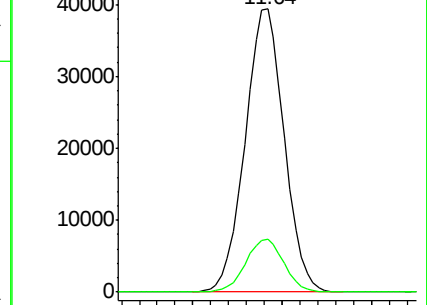
105 100

134 18.3 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: 7.499 ug/l

RT: 13.20 min Scan# 3689

Delta R.T. 0.00 min

Lab File: VU039744.D

Acq: 05 Aug 2020 11:51

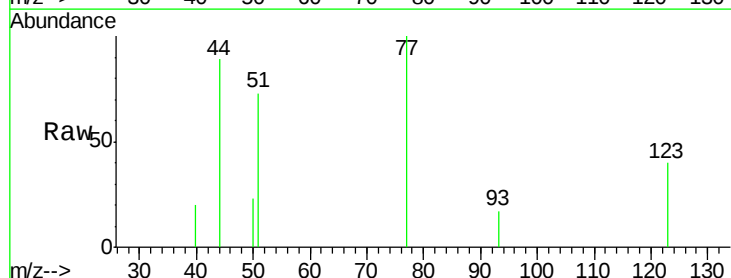
Tgt Ion: 77 Resp: 995

Ion Ratio Lower Upper

77 100

123 24.9 16.9 59.9

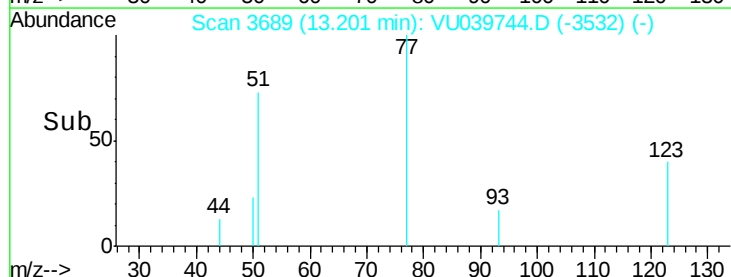
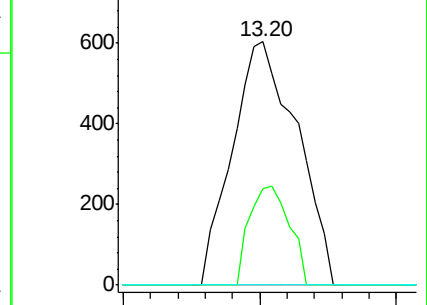
65 0.0 14.4 18.4#

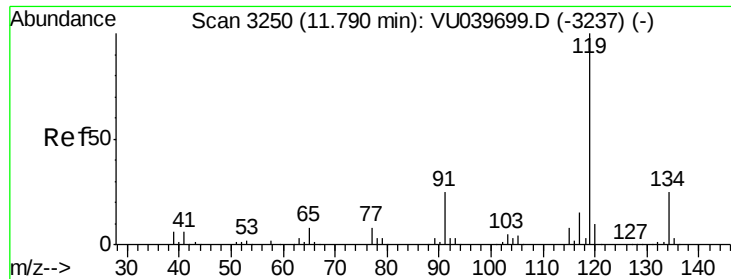


Abundance Ion 77.00 (76.70 to 77.70): VU0

Ion 123.00 (122.70 to 123.70): V

Ion 65.00 (64.70 to 65.70): VU0

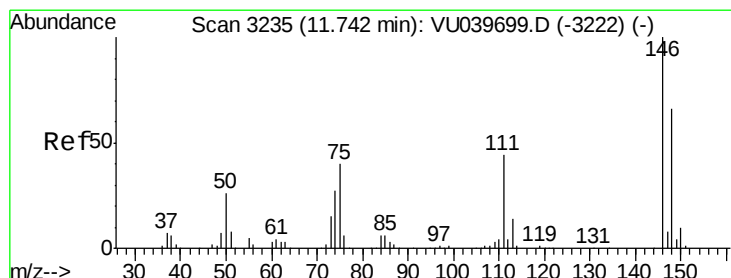
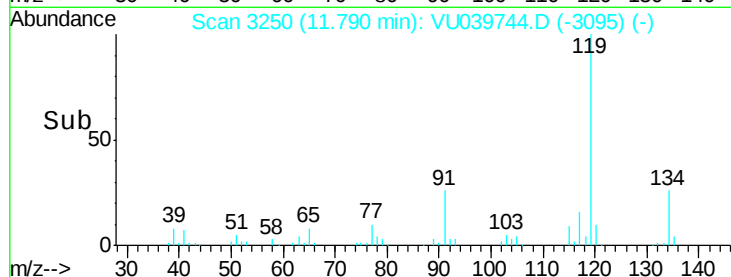
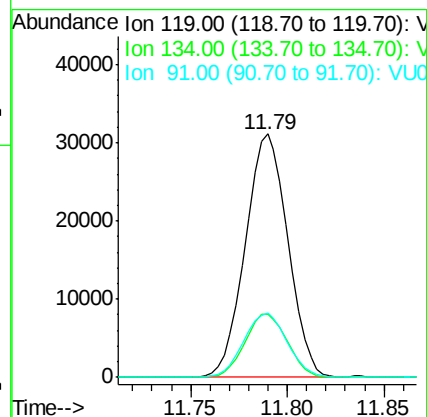
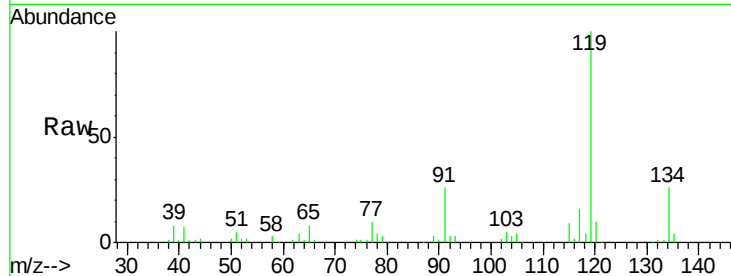




#81
 p-Isopropyltoluene
 Concen: 1.619 ug/l
 RT: 11.79 min Scan# 3250
 Delta R.T. -0.00 min
 Lab File: VU039744.D
 Acq: 05 Aug 2020 11:51

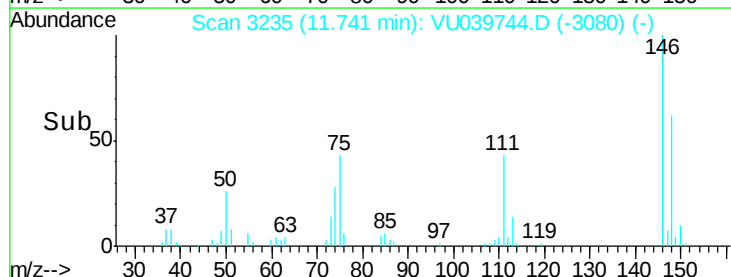
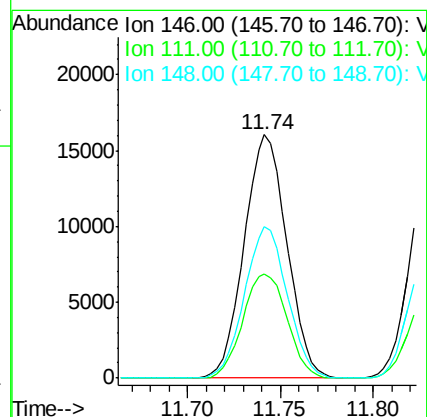
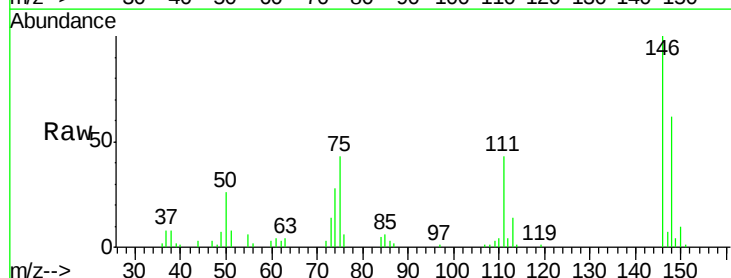
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0804WBS01

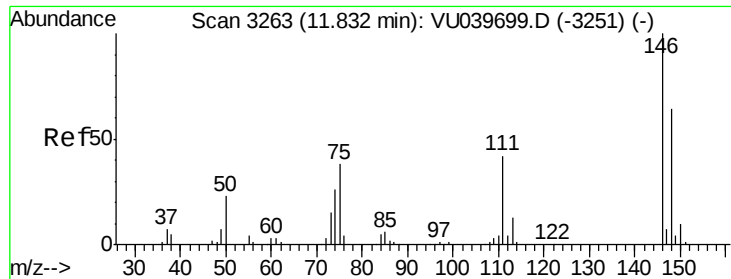
Tot Ion:119 Resp: 47582
 Ion Ratio Lower Upper
 119 100
 134 26.0 20.2 30.4
 91 27.0 20.7 31.1



#82
 1,3-Dichlorobenzene
 Concen: 1.694 ug/l
 RT: 11.74 min Scan# 3235
 Delta R.T. -0.00 min
 Lab File: VU039744.D
 Acq: 05 Aug 2020 11:51

Tgt Ion:146 Resp: 25575
 Ion Ratio Lower Upper
 146 100
 111 44.1 34.5 51.7
 148 62.4 51.4 77.0

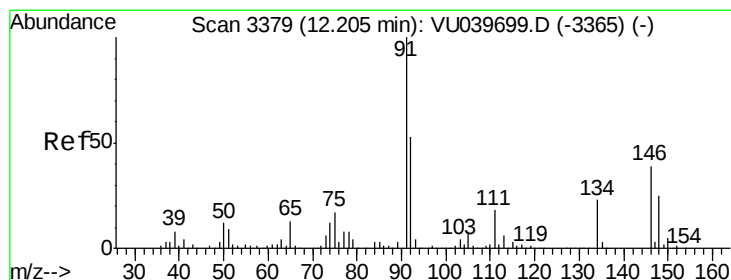
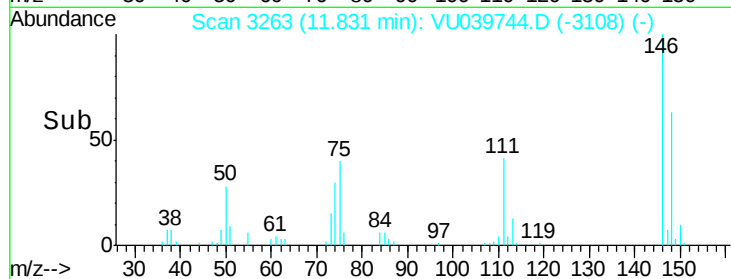
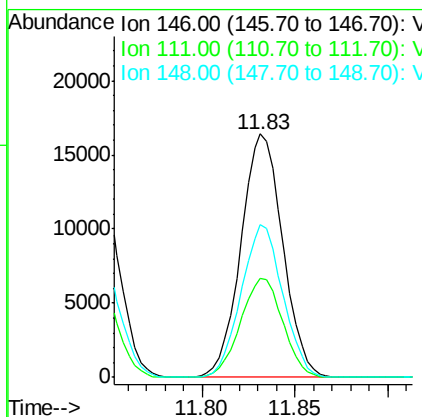
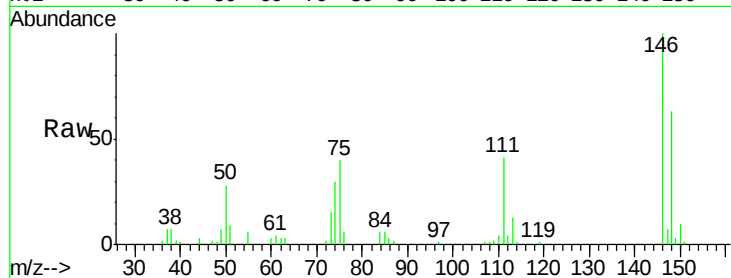




#83
 1,4-Dichlorobenzene
 Concen: 1.694 ug/l
 RT: 11.83 min Scan# 3263
 Delta R.T. -0.00 min
 Lab File: VU039744.D
 Acq: 05 Aug 2020 11:51

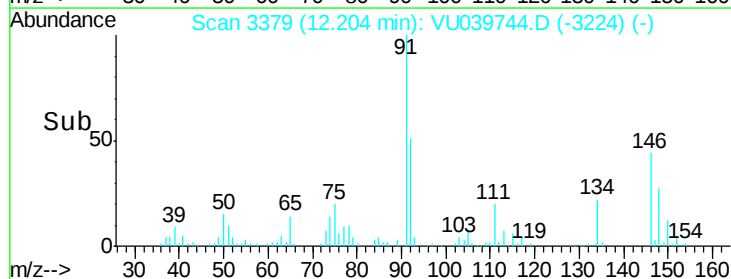
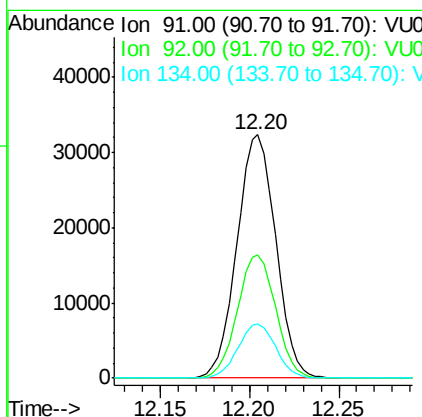
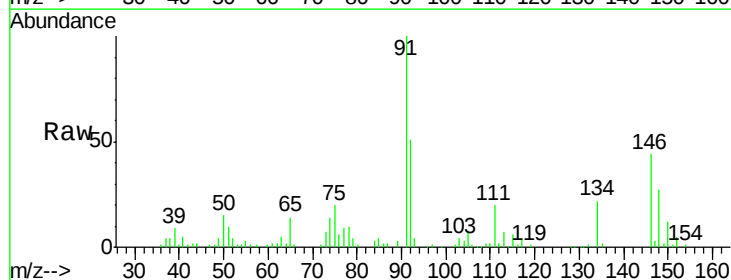
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0804WBS01

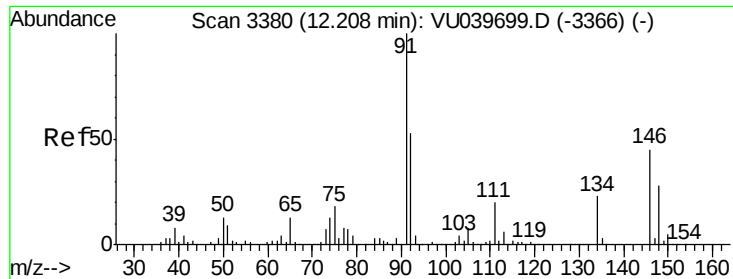
Tot Ion:146 Resp: 25739
 Ion Ratio Lower Upper
 146 100
 111 41.0 33.8 50.6
 148 62.4 51.1 76.7



#84
 n-Butylbenzene
 Concen: 1.571 ug/l
 RT: 12.20 min Scan# 3379
 Delta R.T. -0.00 min
 Lab File: VU039744.D
 Acq: 05 Aug 2020 11:51

Tgt Ion: 91 Resp: 49033
 Ion Ratio Lower Upper
 91 100
 92 49.7 42.6 64.0
 134 21.8 18.2 27.4





#85

1,2-Dichlorobenzene

Concen: 1.623 ug/l

RT: 12.21 min Scan# 3380

Delta R.T. -0.00 min

Lab File: VU039744.D

Acq: 05 Aug 2020 11:51

Instrument :

MSVOA_U

ClientSampleId :

VU0804WBS01

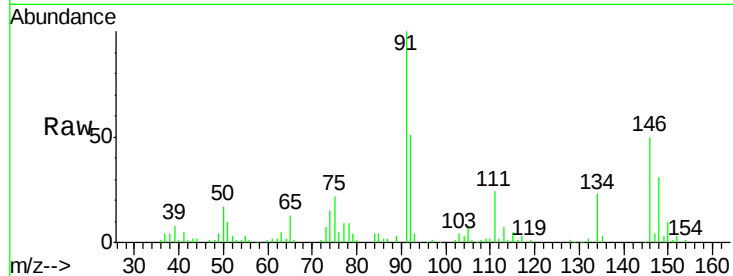
Tot Ion:146 Resp: 23621

Ion Ratio Lower Upper

146 100

111 46.0 22.8 68.3

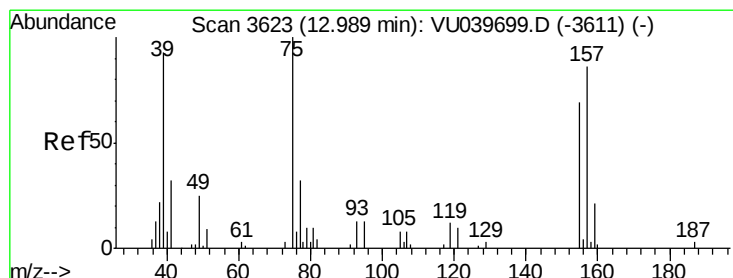
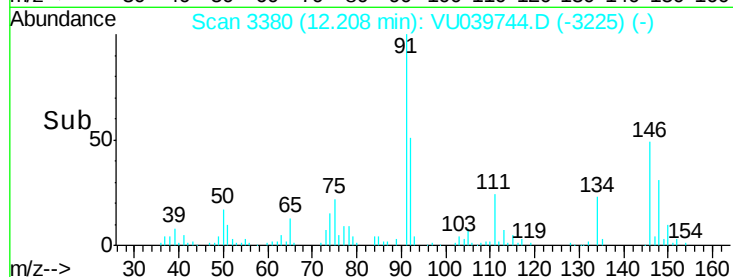
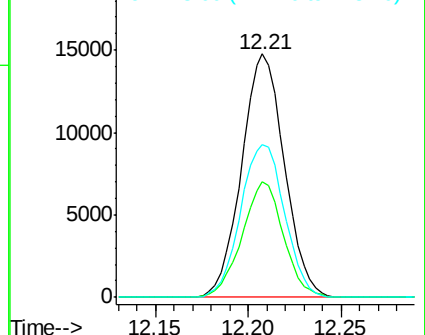
148 64.6 31.7 95.1



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



#86

1,2-Dibromo-3-Chloropropane

Concen: 1.731 ug/l

RT: 12.99 min Scan# 3624

Delta R.T. 0.00 min

Lab File: VU039744.D

Acq: 05 Aug 2020 11:51

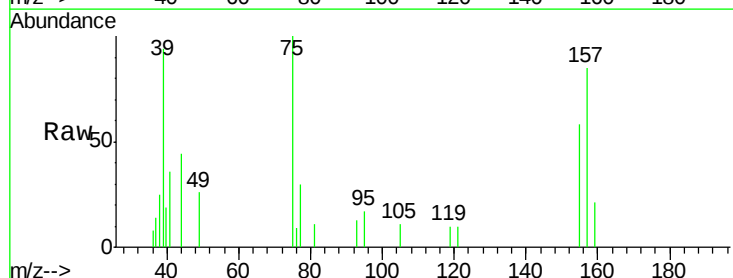
Tgt Ion: 75 Resp: 2287

Ion Ratio Lower Upper

75 100

155 54.8 52.9 79.3

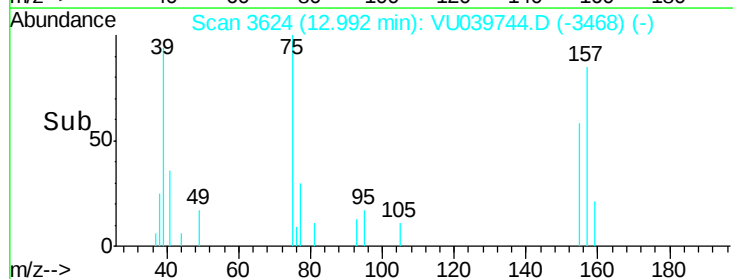
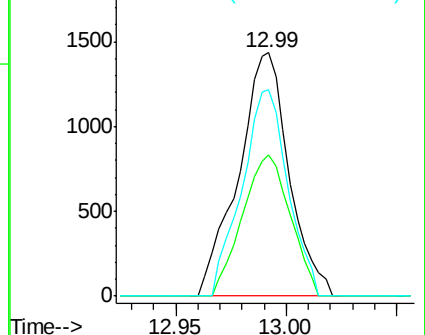
157 76.9 67.8 101.6

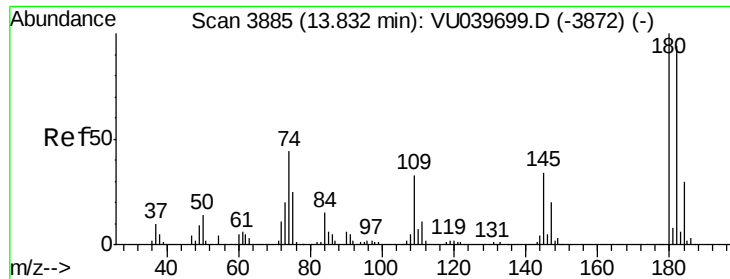


Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

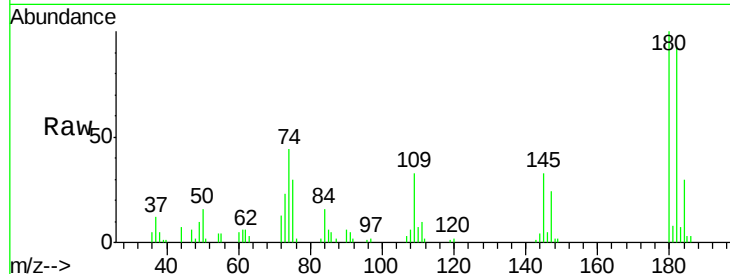




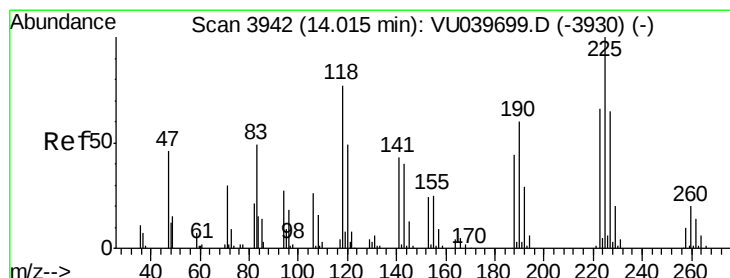
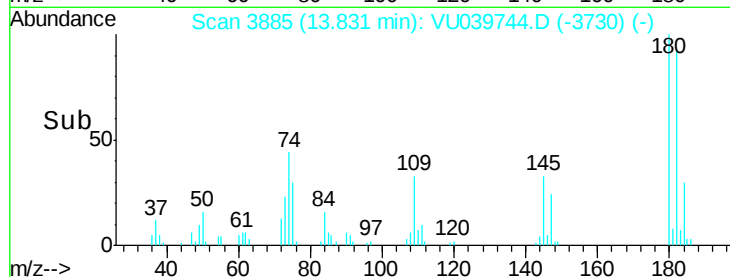
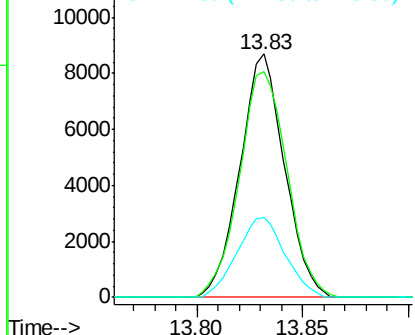
#87
 1,2,4-Trichlorobenzene
 Concen: 1.402 ug/l
 RT: 13.83 min Scan# 3885
 Delta R.T. -0.00 min
 Lab File: VU039744.D
 Acq: 05 Aug 2020 11:51

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0804WBS01

Tot Ion:180 Resp: 12760
 Ion Ratio Lower Upper
 180 100
 182 99.3 76.2 114.4
 145 35.4 26.8 40.2

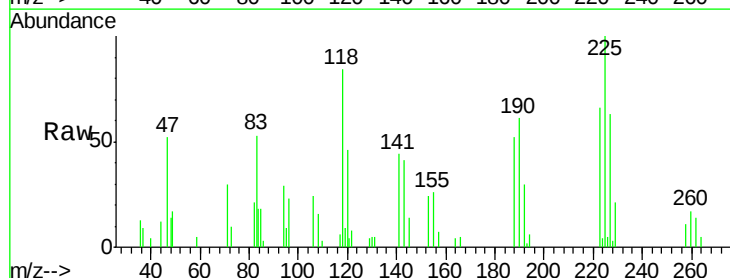


Abundance Ion 179.70 (179.40 to 180.40): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

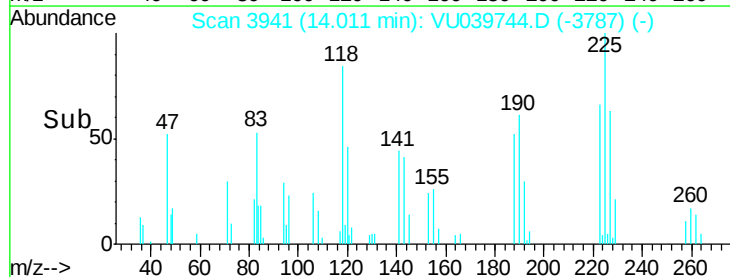
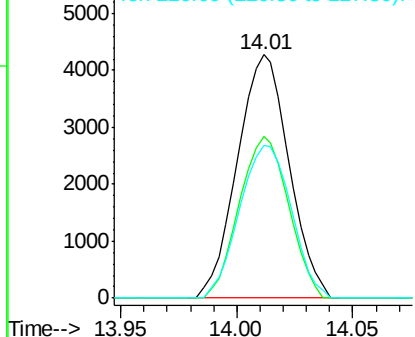


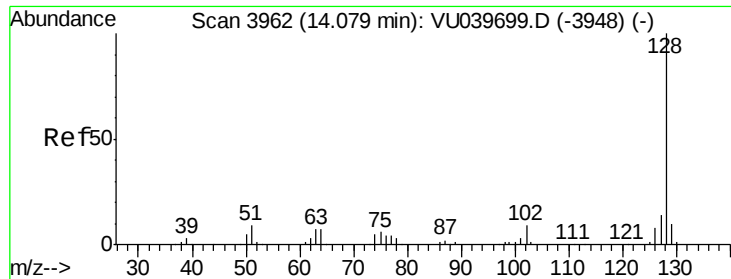
#88
 Hexachlorobutadiene
 Concen: 1.596 ug/l
 RT: 14.01 min Scan# 3941
 Delta R.T. -0.00 min
 Lab File: VU039744.D
 Acq: 05 Aug 2020 11:51

Tgt Ion:225 Resp: 6598
 Ion Ratio Lower Upper
 225 100
 223 63.3 52.4 78.6
 227 62.9 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

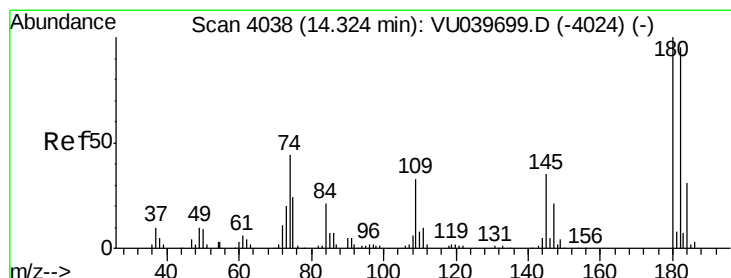
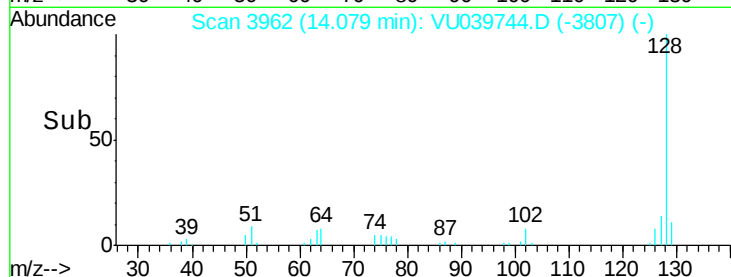
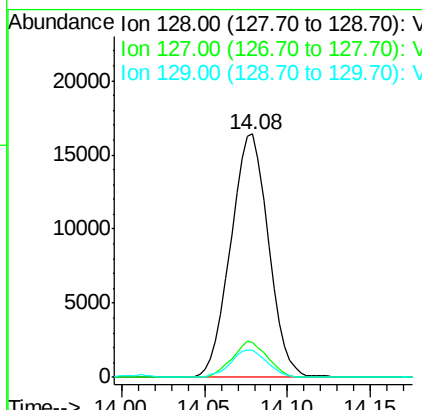
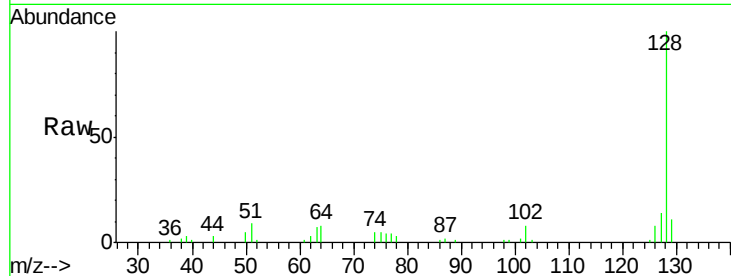




#89
Naphthalene
Concen: 1.336 ug/l
RT: 14.08 min Scan# 3962
Delta R.T. -0.00 min
Lab File: VU039744.D
Acq: 05 Aug 2020 11:51

Instrument :
MSVOA_U
ClientSampleId :
VU0804WBS01

Tot Ion:128 Resp: 26025
Ion Ratio Lower Upper
128 100
127 13.6 11.0 16.4
129 10.8 8.4 12.6



#90
1,2,3-Trichlorobenzene
Concen: 1.468 ug/l
RT: 14.32 min Scan# 4037
Delta R.T. -0.00 min
Lab File: VU039744.D
Acq: 05 Aug 2020 11:51

Tgt Ion:180 Resp: 12614
Ion Ratio Lower Upper
180 100
182 95.3 76.0 114.0
145 35.4 27.8 41.6

