

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU102318\
 Data File : VU027764.D
 Acq On : 23 Oct 2018 15:45
 Operator : MD/SY
 Sample : VU1023WBSD01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 24 05:13:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U0102318DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Oct 23 09:12:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.75	96	12099	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.31	95	4643	1.01	ug/l	0.00
Spiked Amount	1.000		Recovery	=	101.00%	
68) 1,2-Dichlorobenzene-d4	11.86	152	4086	0.94	ug/l	0.00
Spiked Amount	1.000		Recovery	=	94.00%	

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.21	85	9358	1.948	ug/l 99
3) Chloromethane	1.33	50	9606	1.870	ug/l 97
4) Vinyl Chloride	1.40	62	8872	1.850	ug/l 94
5) Bromomethane	1.63	94	4882	1.935	ug/l 99
6) Chloroethane	1.70	64	4762	1.831	ug/l 93
7) Trichlorofluoromethane	1.89	101	11208	1.918	ug/l 98
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	5600	1.822	ug/l 98
9) 1,1-Dichloroethene	2.29	96	5048	1.871	ug/l 93
10) Iodomethane	2.41	142	6044	1.667	ug/l 99
11) Allyl Chloride	2.59	41	11903	1.863	ug/l 99
12) Acrylonitrile	2.94	53	2866	3.485	ug/l 95
13) Acetone	2.32	43	6899	9.191	ug/l 95
14) Carbon Disulfide	2.48	76	17601	1.752	ug/l 98
15) Methylene Chloride	2.70	84	5781	1.700	ug/l 98
16) trans-1,2-Dichloroethene	2.98	96	5782	1.925	ug/l 93
17) 1,1-Dichloroethane	3.45	63	12379	1.867	ug/l 97
18) 2-Butanone	4.29	43	10803	8.668	ug/l 98
19) Cyclohexane	4.99	56	11001	1.851	ug/l 99
20) Methylcyclohexane	6.42	83	10950	1.817	ug/l 98
21) 2,2-Dichloropropane	4.23	77	9601	1.640	ug/l 97
22) cis-1,2-Dichloroethene	4.23	96	6650	1.849	ug/l 96
23) Diethyl Ether	2.11	59	4697	1.830	ug/l 99
24) tert-Butyl Alcohol	2.84	59	5029	18.373	ug/l # 82
25) Methyl tert-Butyl Ether	3.01	73	16194	1.885	ug/l 95
26) Bromochloromethane	4.55	128	2725	1.889	ug/l 95
27) Chloroform	4.68	83	12117	1.877	ug/l 94
28) 1,1,1-Trichloroethane	4.92	97	10461	1.821	ug/l 98
29) 1,1-Dichloropropene	5.14	75	9502	1.894	ug/l 98
30) Carbon Tetrachloride	5.13	117	9260	1.804	ug/l 96
31) Isopropyl Ether	3.58	45	22302	1.868	ug/l 97
32) Ethyl-t-butyl ether	4.08	59	19577	1.848	ug/l 99
33) Tert-Amyl methyl ether	5.59	73	16388	1.823	ug/l # 82
34) Propionitrile	4.34	54	2930	9.860	ug/l # 84
35) Benzene	5.39	78	26210	1.869	ug/l 100
36) 1,2-Dichloroethane	5.41	62	8705	1.865	ug/l 98
37) Trichloroethene	6.19	130	6368	1.841	ug/l 92
38) 1,2-Dichloropropane	6.44	63	7338	1.864	ug/l 98
39) Methacrylonitrile	4.56	41	2933	1.787	ug/l 96
40) Methyl acrylate	4.43	55	4153	1.943	ug/l # 85
41) Tetrahydrofuran	4.67	42	3440	3.794	ug/l 91
42) 1-Chlorobutane	5.07	56	14795	1.869	ug/l 94

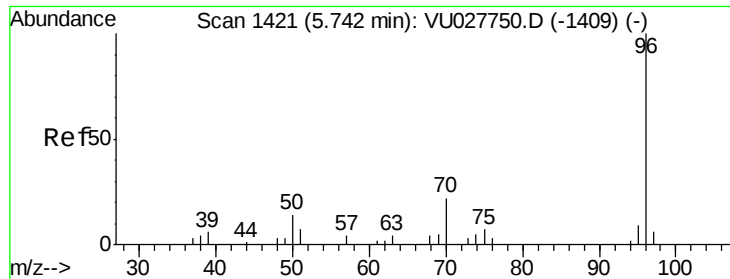
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU102318\
 Data File : VU027764.D
 Acq On : 23 Oct 2018 15:45
 Operator : MD/SY
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Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 24 05:13:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U0102318DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Oct 23 09:12:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.56	93	3195	1.785	ug/l	96
44) Bromodichloromethane	6.76	83	8984	1.848	ug/l	97
45) 4-Methyl-2-Pentanone	7.47	43	26369	9.074	ug/l	97
46) t-1,4-Dichloro-2-butene	10.49	75	3997	3.815	ug/l #	88
47) Methyl methacrylate	6.63	69	6739	3.569	ug/l	91
48) Ethyl methacrylate	8.02	69	7053	1.797	ug/l	96
49) Toluene	7.64	92	15140	1.820	ug/l	95
50) t-1,3-Dichloropropene	7.88	75	8573	1.770	ug/l	92
51) cis-1,3-Dichloropropene	7.27	75	10082	1.767	ug/l	99
52) 1,1,2-Trichloroethane	8.07	97	4514	1.867	ug/l	97
53) 1,3-Dichloropropane	8.24	76	8732	1.880	ug/l	97
54) 2-Hexanone	8.37	43	18915	9.134	ug/l	97
55) Dibromochloromethane	8.48	129	5542	1.823	ug/l	94
56) 1,2-Dibromoethane	8.59	107	4371	1.841	ug/l	97
58) Tetrachloroethene	8.23	164	5910	1.811	ug/l	92
59) Chlorobenzene	9.12	112	17087	1.916	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.21	131	6039	1.863	ug/l	98
61) Pentachloroethane	11.10	117	4357	1.802	ug/l	100
62) Hexachloroethane	12.15	117	4756	1.791	ug/l	97
63) Ethyl Benzene	9.25	91	32200	1.906	ug/l	97
64) m/p-Xylenes	9.38	106	22670	3.762	ug/l	97
65) o-Xylene	9.78	106	11206	1.875	ug/l	98
66) Styrene	9.79	104	18558	1.882	ug/l	99
67) Bromoform	9.96	173	3012	1.712	ug/l #	96
69) Isopropylbenzene	10.17	105	30187	1.845	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.46	83	5817	1.810	ug/l	97
71) 1,2,3-Trichloropropane	10.49	75	3997	1.600	ug/l #	96
72) Bromobenzene	10.46	156	6957	1.909	ug/l	94
73) n-propylbenzene	10.59	120	8093	1.918	ug/l	99
74) 2-Chlorotoluene	10.66	126	6694	1.853	ug/l	95
75) 1,3,5-Trimethylbenzene	10.77	105	25515	1.869	ug/l	98
76) 4-Chlorotoluene	10.77	126	7219	1.972	ug/l	92
77) tert-Butylbenzene	11.10	119	25311	1.885	ug/l	99
78) 1,2,4-Trimethylbenzene	11.15	105	26932	1.920	ug/l	97
79) sec-Butylbenzene	11.32	105	33456	1.882	ug/l	99
80) Nitrobenzene	12.86	77	759	6.389	ug/l #	89
81) p-Isopropyltoluene	11.48	119	27069	1.863	ug/l	99
82) 1,3-Dichlorobenzene	11.42	146	13434	1.863	ug/l	99
83) 1,4-Dichlorobenzene	11.51	146	13647	1.888	ug/l	99
84) n-Butylbenzene	11.89	91	26525	1.879	ug/l	99
85) 1,2-Dichlorobenzene	11.88	146	13023	1.892	ug/l	98
86) 1,2-Dibromo-3-Chloropropan	12.66	75	1037	1.737	ug/l	91
87) 1,2,4-Trichlorobenzene	13.50	180	9446	1.889	ug/l	98
88) Hexachlorobutadiene	13.69	225	5451	1.817	ug/l	98
89) Naphthalene	13.75	128	16552	1.762	ug/l	100
90) 1,2,3-Trichlorobenzene	13.99	180	8420	1.769	ug/l	100

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



#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 5.75 min Scan# 1422

Delta R.T. 0.00 min

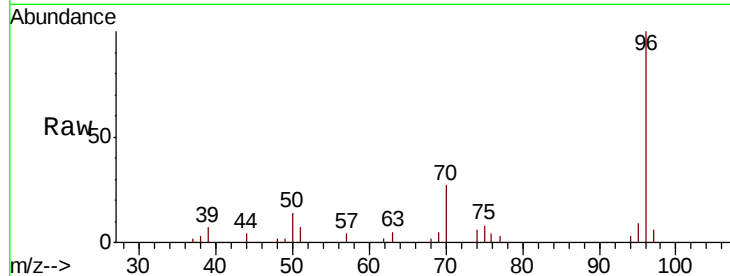
Lab File: VU027764.D

Acq: 23 Oct 2018 15:45

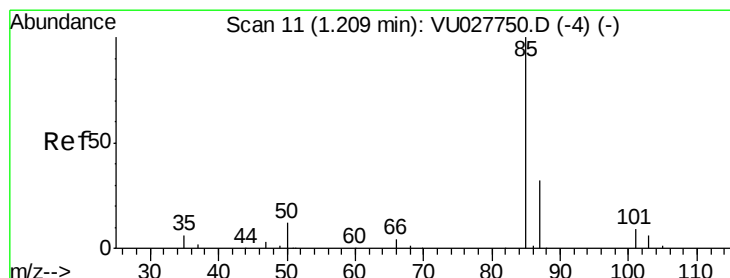
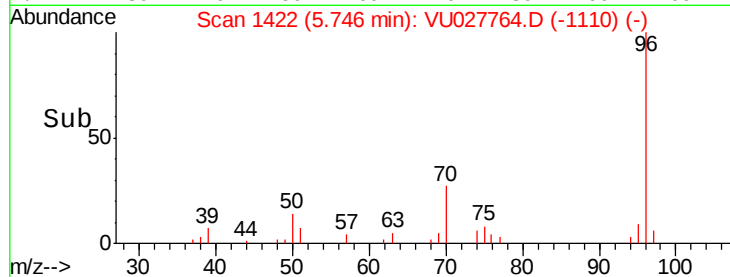
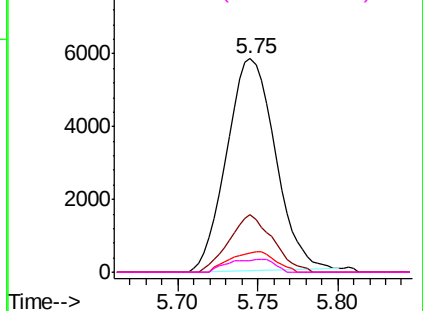
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 96 Resp: 12099

Ion	Ratio	Lower	Upper
96	100		
70	24.4	17.7	26.5
95	9.0	7.0	10.6
97	5.8	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: 1.948 ug/l

RT: 1.21 min Scan# 10

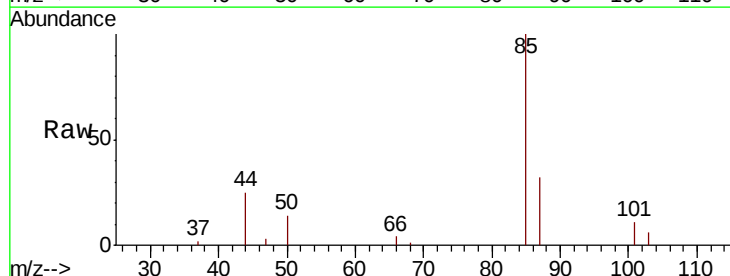
Delta R.T. -0.00 min

Lab File: VU027764.D

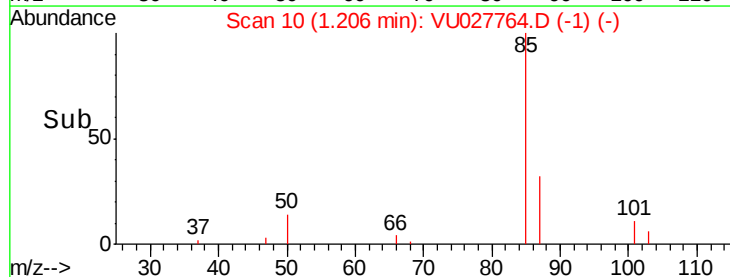
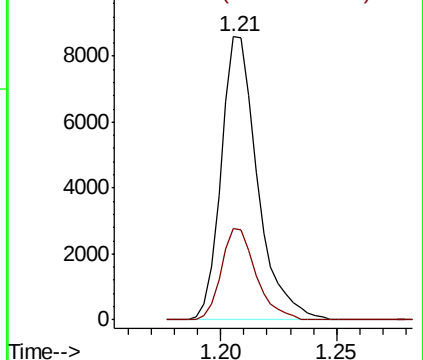
Acq: 23 Oct 2018 15:45

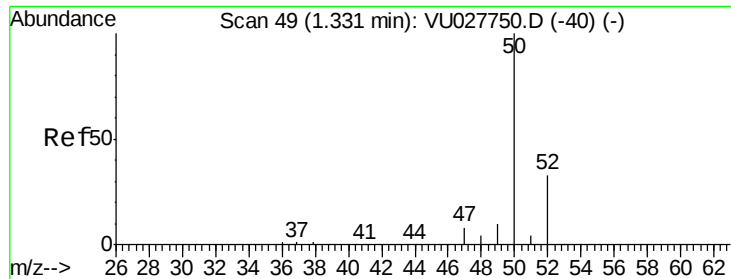
Tgt Ion: 85 Resp: 9358

Ion	Ratio	Lower	Upper
85	100		
87	32.1	15.9	47.6



Abundance Ion 85.00 (84.70 to 85.70): VU0
Ion 87.00 (86.70 to 87.70): VU0





#3

Chloromethane

Concen: 1.870 ug/l

RT: 1.33 min Scan# 49

Delta R.T. 0.00 min

Lab File: VU027764.D

Acq: 23 Oct 2018 15:45

Instrument :

MSVOA_U

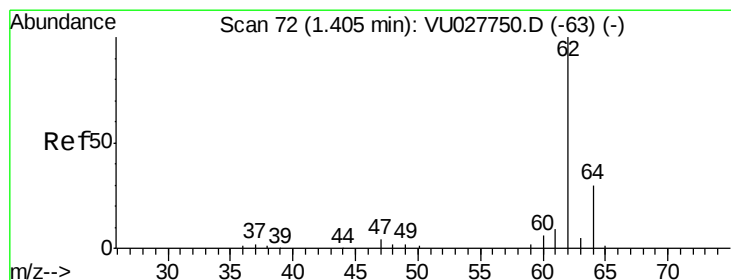
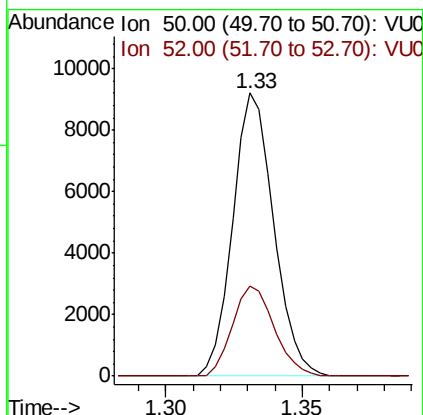
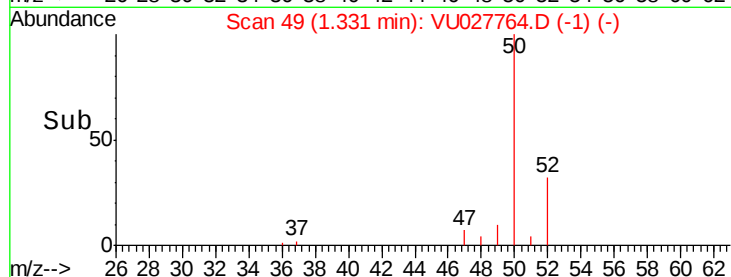
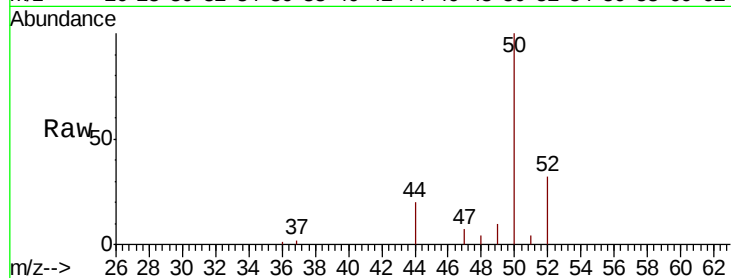
ClientSampled :

Tot Ion: 50 Resp: 9606

Ion Ratio Lower Upper

50 100

52 31.8 26.6 40.0



#4

Vinyl Chloride

Concen: 1.850 ug/l

RT: 1.40 min Scan# 72

Delta R.T. 0.00 min

Lab File: VU027764.D

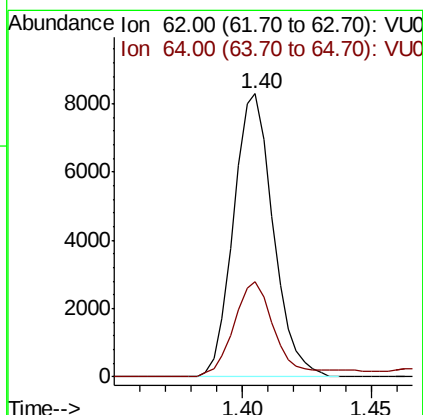
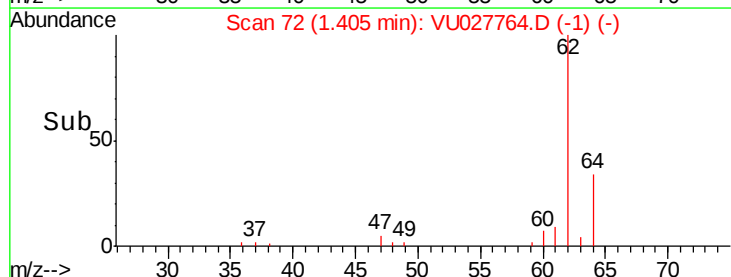
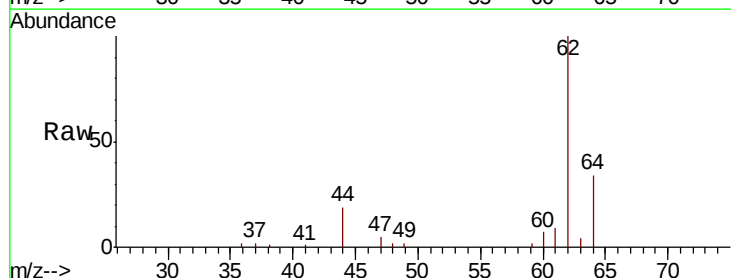
Acq: 23 Oct 2018 15:45

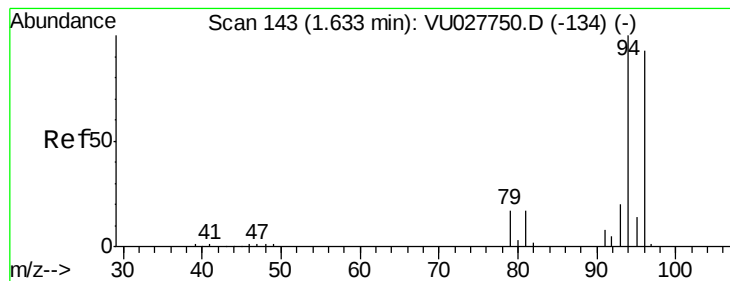
Tgt Ion: 62 Resp: 8872

Ion Ratio Lower Upper

62 100

64 33.5 24.3 36.5





#5

Bromomethane

Concen: 1.935 ug/l

RT: 1.63 min Scan# 142

Delta R.T. -0.00 min

Lab File: VU027764.D

Acq: 23 Oct 2018 15:45

Instrument :

MSVOA_U

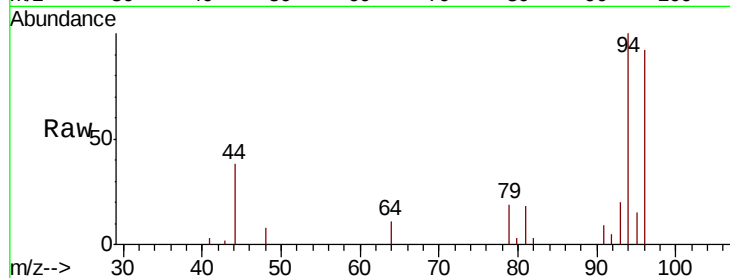
ClientSampleId :

Tot Ion: 94 Resp: 4882

Ion Ratio Lower Upper

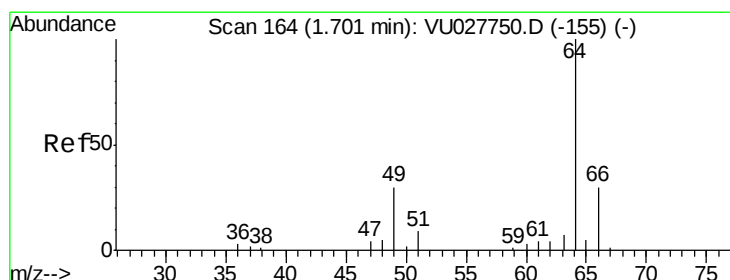
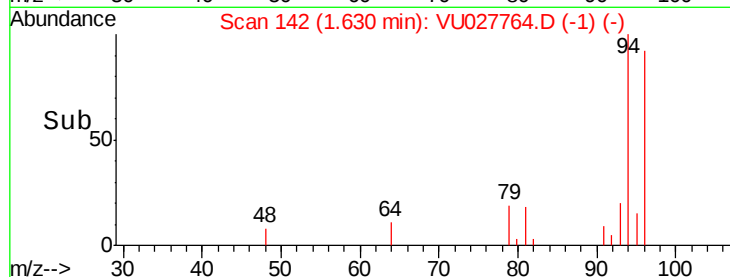
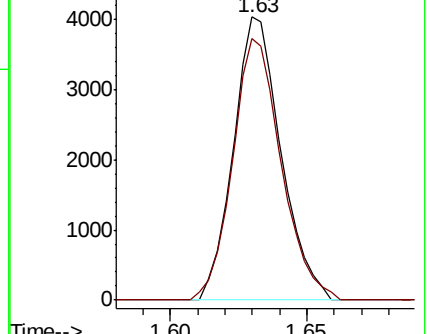
94 100

96 92.3 74.2 111.4



Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0



#6

Chloroethane

Concen: 1.831 ug/l

RT: 1.70 min Scan# 164

Delta R.T. 0.00 min

Lab File: VU027764.D

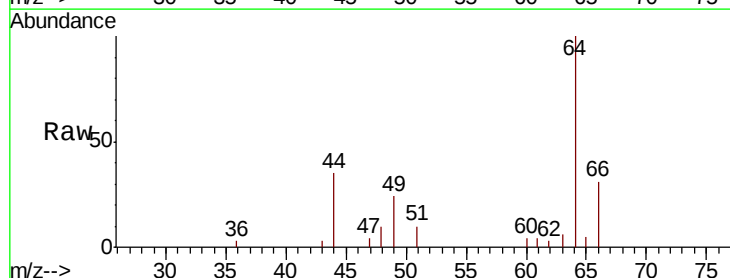
Acq: 23 Oct 2018 15:45

Tgt Ion: 64 Resp: 4762

Ion Ratio Lower Upper

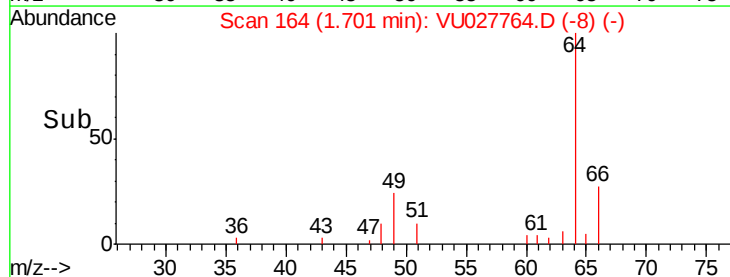
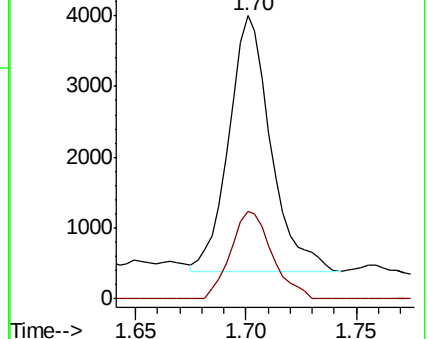
64 100

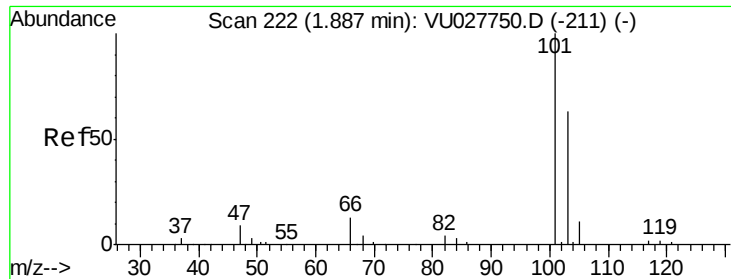
66 34.1 24.3 36.5



Abundance Ion 64.00 (63.70 to 64.70): VU0

Ion 66.00 (65.70 to 66.70): VU0



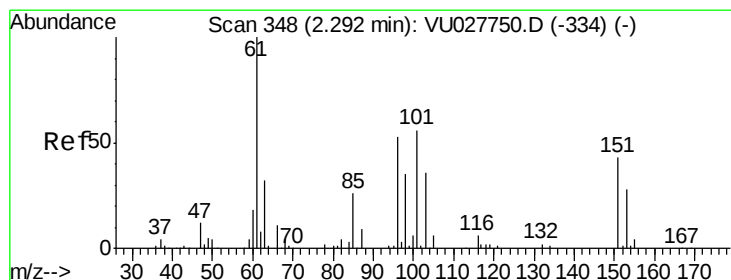
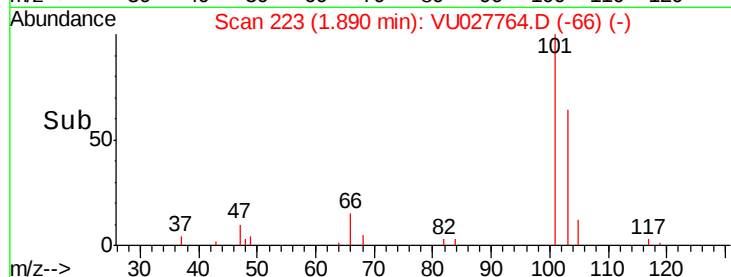
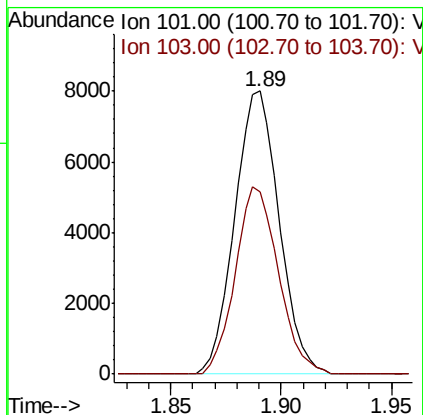
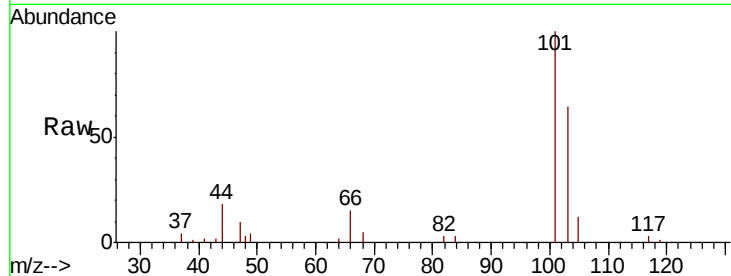


#7

Trichlorofluoromethane
 Concen: 1.918 ug/l
 RT: 1.89 min Scan# 223
 Delta R.T. 0.00 min
 Lab File: VU027764.D
 Acq: 23 Oct 2018 15:45

Instrument :
 MSVOA_U
 ClientSampleId :

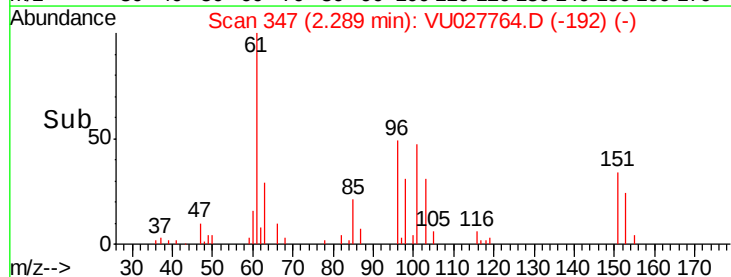
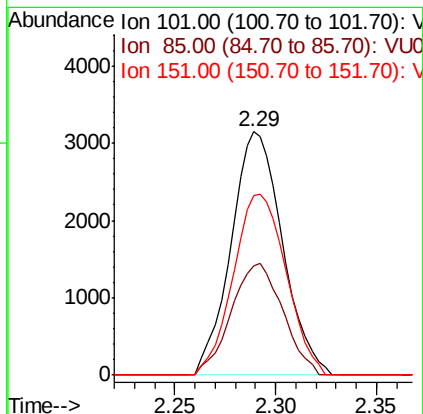
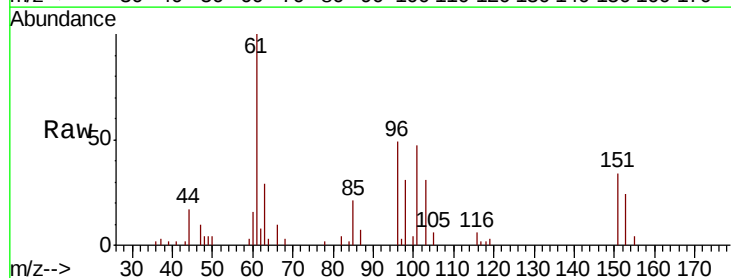
Tot Ion:101 Resp: 11208
 Ion Ratio Lower Upper
 101 100
 103 64.4 50.2 75.2

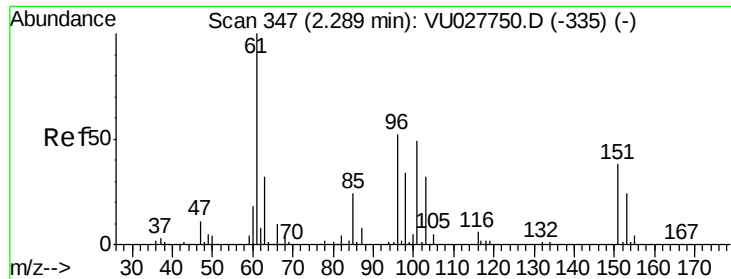


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.822 ug/l
 RT: 2.29 min Scan# 347
 Delta R.T. -0.00 min
 Lab File: VU027764.D
 Acq: 23 Oct 2018 15:45

Tgt Ion:101 Resp: 5600
 Ion Ratio Lower Upper
 101 100
 85 46.0 38.2 57.2
 151 76.3 61.8 92.8

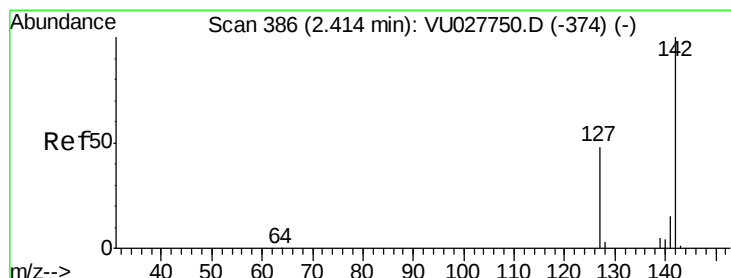
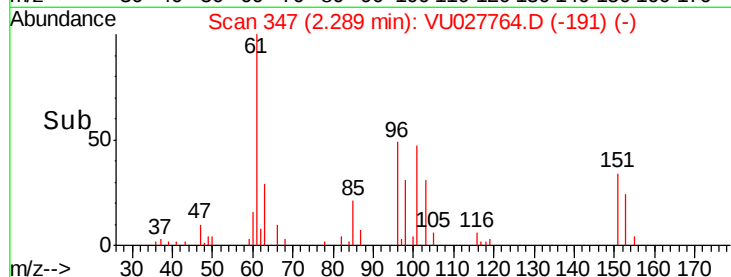
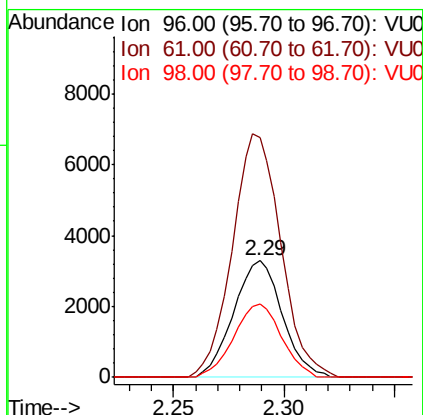
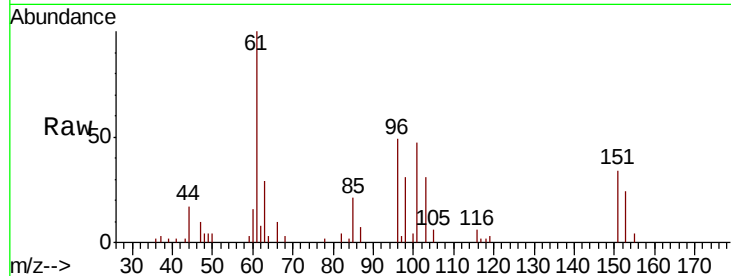




#9
 1,1-Dichloroethene
 Concen: 1.871 ug/l
 RT: 2.29 min Scan# 347
 Delta R.T. 0.00 min
 Lab File: VU027764.D
 Acq: 23 Oct 2018 15:45

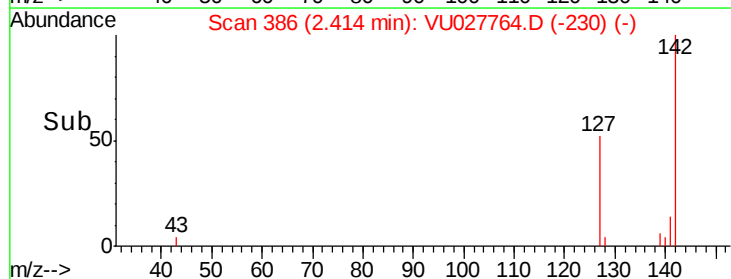
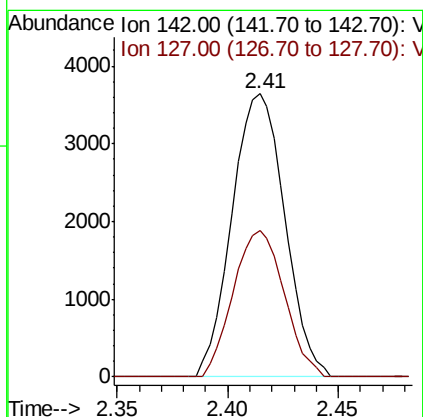
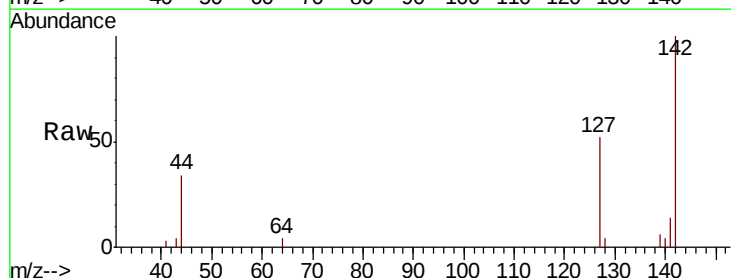
Instrument :
 MSVOA_U
 ClientSampleId :

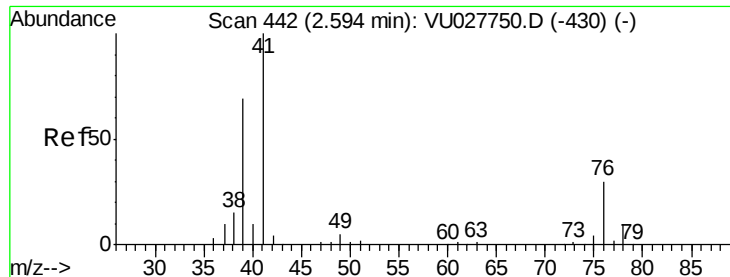
Tot Ion: 96 Resp: 5048
 Ion Ratio Lower Upper
 96 100
 61 205.4 0.0 581.4
 98 63.0 0.0 131.2



#10
 Iodomethane
 Concen: 1.667 ug/l
 RT: 2.41 min Scan# 386
 Delta R.T. 0.00 min
 Lab File: VU027764.D
 Acq: 23 Oct 2018 15:45

Tgt Ion: 142 Resp: 6044
 Ion Ratio Lower Upper
 142 100
 127 49.9 39.2 58.8

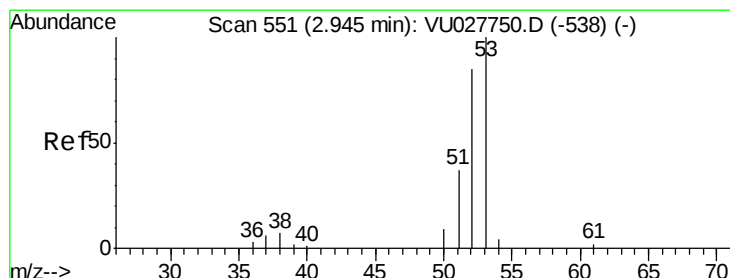
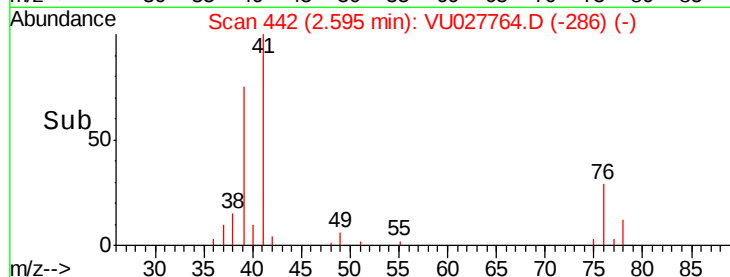
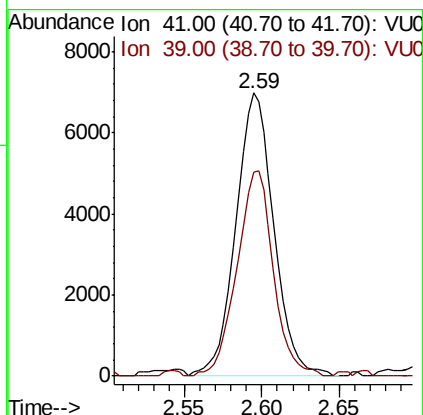
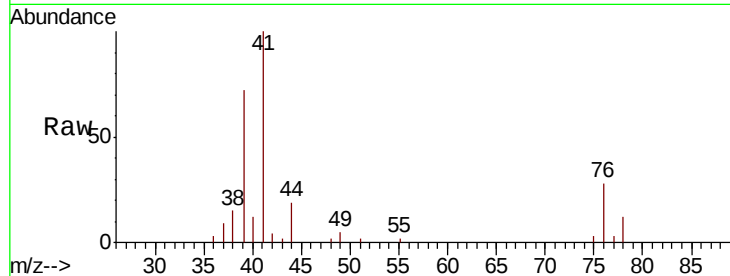




#11
Allvl Chloride
Concen: 1.863 ug/l
RT: 2.59 min Scan# 442
Delta R.T. 0.00 min
Lab File: VU027764.D
Acq: 23 Oct 2018 15:45

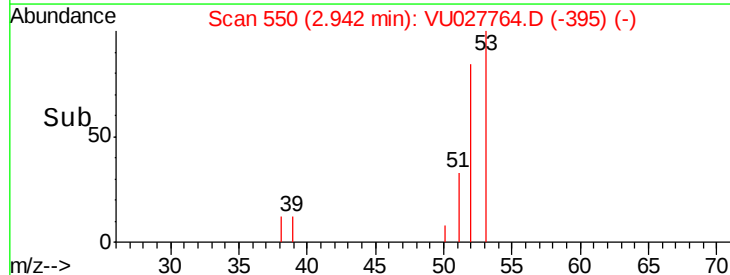
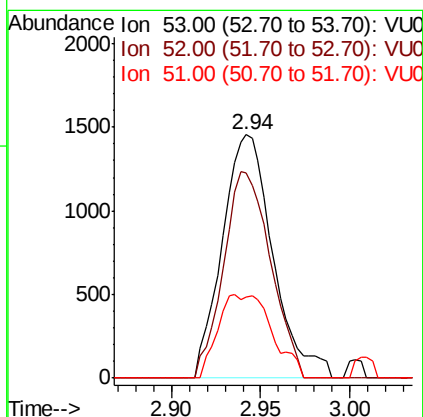
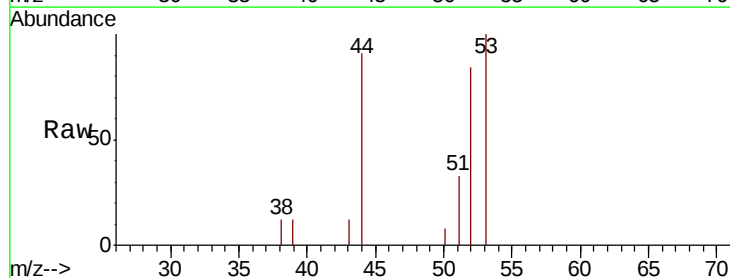
Instrument :
MSVOA_U
ClientSampleId :

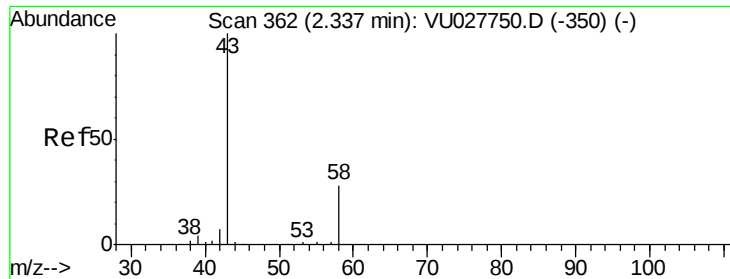
Tot Ion: 41 Resp: 11903
Ion Ratio Lower Upper
41 100
39 69.8 55.4 83.0



#12
Acrylonitrile
Concen: 3.485 ug/l
RT: 2.94 min Scan# 550
Delta R.T. -0.00 min
Lab File: VU027764.D
Acq: 23 Oct 2018 15:45

Tgt Ion: 53 Resp: 2866
Ion Ratio Lower Upper
53 100
52 79.0 67.9 101.9
51 36.5 30.0 45.0





#13

Acetone

Concen: 9.191 ug/l

RT: 2.32 min Scan# 358

Delta R.T. -0.01 min

Lab File: VU027764.D

Acq: 23 Oct 2018 15:45

Instrument :

MSVOA_U

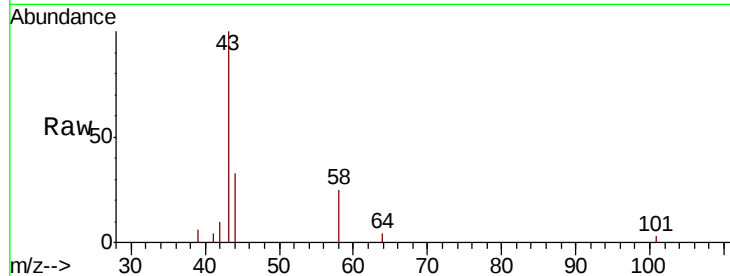
ClientSampleId :

Tot Ion: 43 Resp: 6899

Ion Ratio Lower Upper

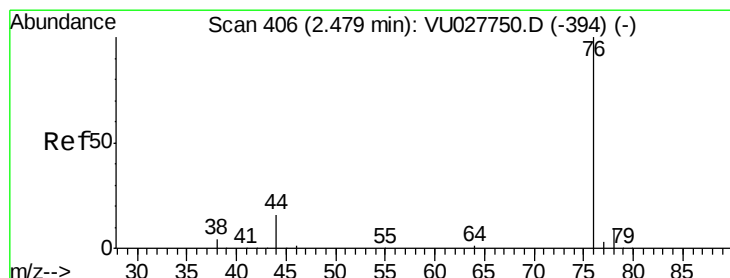
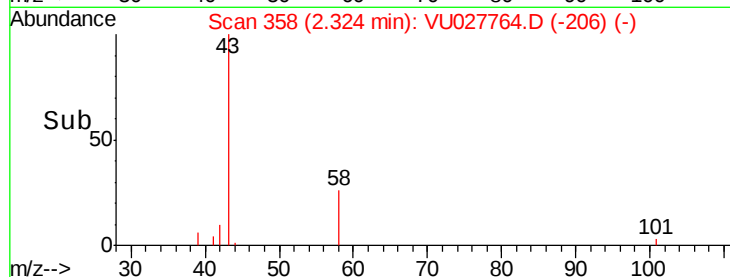
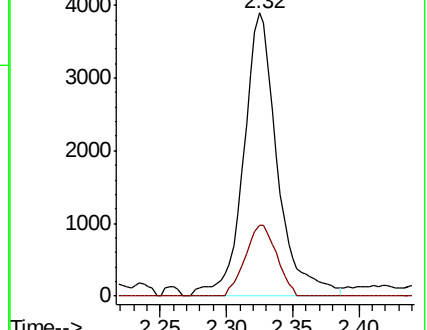
43 100

58 25.0 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VU027750.D (-350) (-)

Ion 58.00 (57.70 to 58.70): VU027750.D (-350) (-)



#14

Carbon Disulfide

Concen: 1.752 ug/l

RT: 2.48 min Scan# 406

Delta R.T. 0.00 min

Lab File: VU027764.D

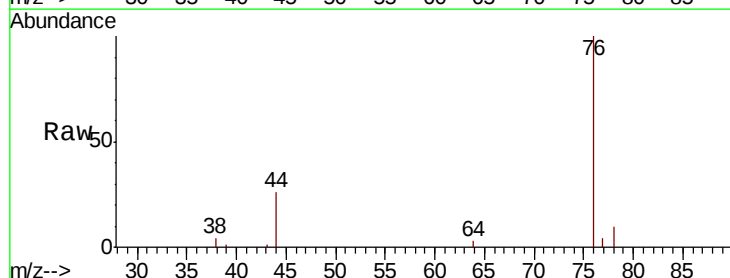
Acq: 23 Oct 2018 15:45

Tgt Ion: 76 Resp: 17601

Ion Ratio Lower Upper

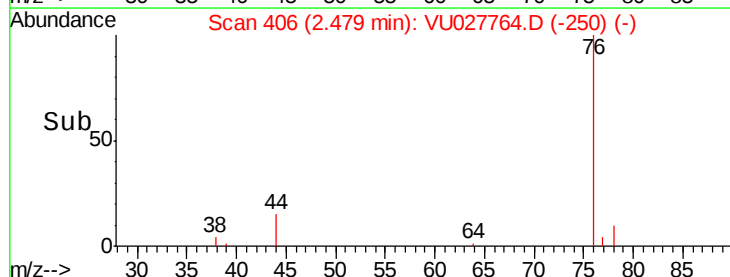
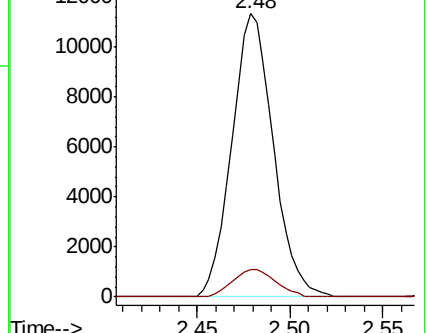
76 100

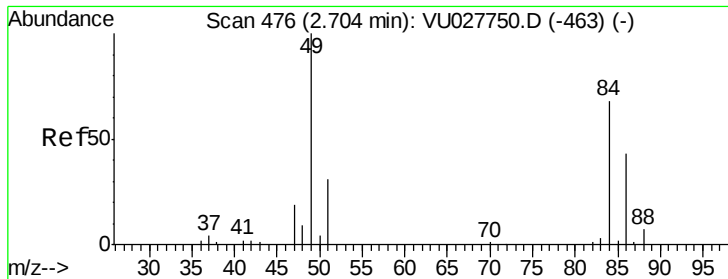
78 9.7 7.1 10.7



Abundance Ion 76.00 (75.70 to 76.70): VU027750.D (-394) (-)

Ion 78.00 (77.70 to 78.70): VU027750.D (-394) (-)

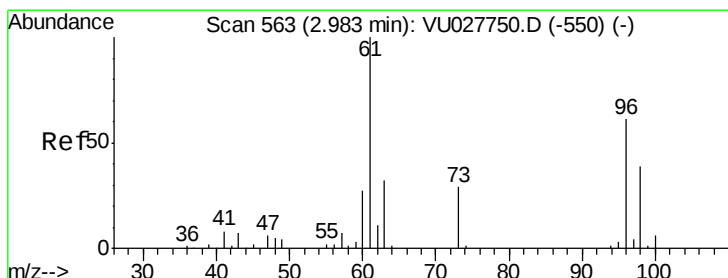
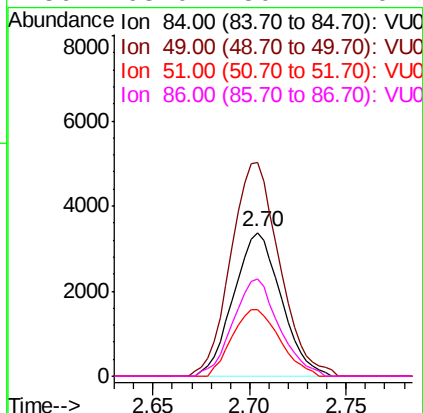
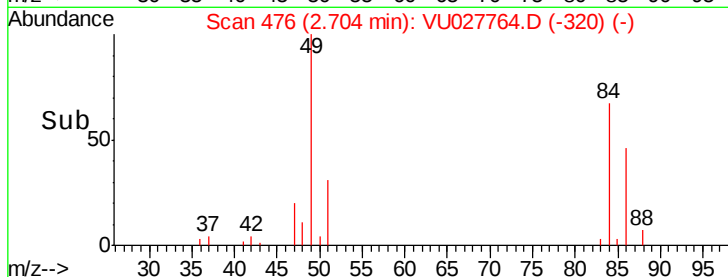
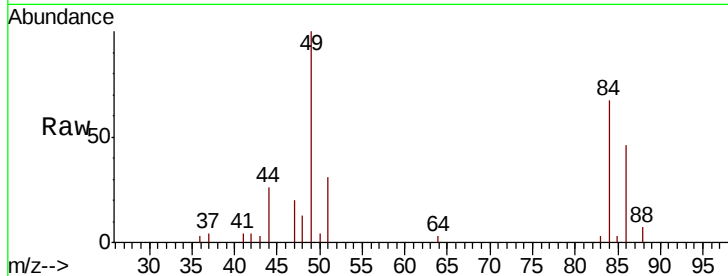




#15
Methvlene Chloride
Concen: 1.700 ug/l
RT: 2.70 min Scan# 476
Delta R.T. 0.00 min
Lab File: VU027764.D
Acq: 23 Oct 2018 15:45

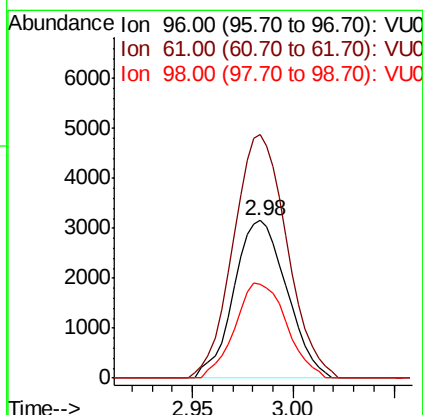
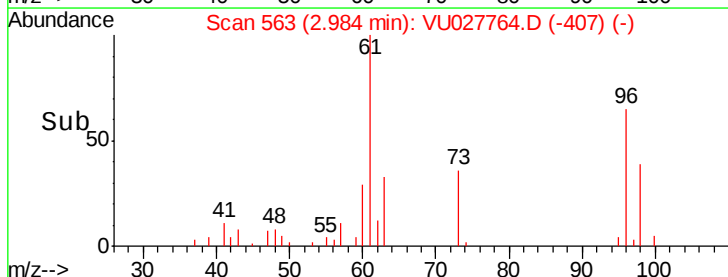
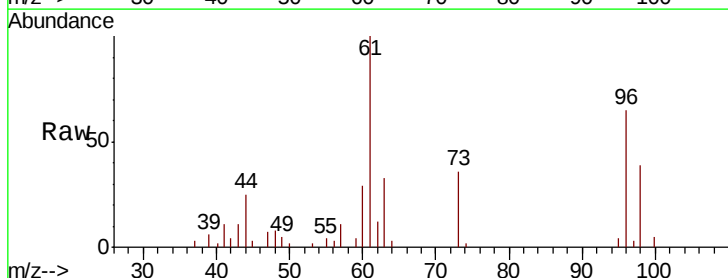
Instrument :
MSVOA_U
ClientSampleId :

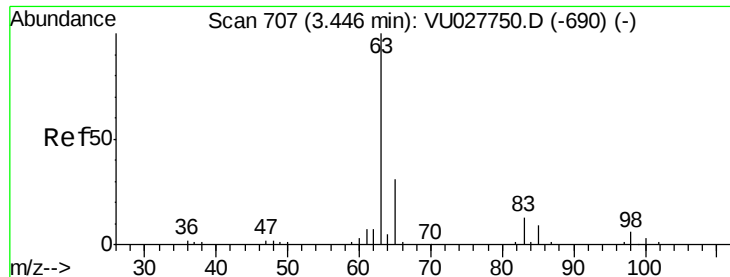
Tot Ion:	84	Resp:	5781
Ion	Ratio	Lower	Upper
84	100		
49	148.8	118.5	177.7
51	45.9	0.0	91.0
86	68.0	50.7	76.1



#16
trans-1,2-Dichloroethene
Concen: 1.925 ug/l
RT: 2.98 min Scan# 563
Delta R.T. 0.00 min
Lab File: VU027764.D
Acq: 23 Oct 2018 15:45

Tgt Ion:	96	Resp:	5782
Ion	Ratio	Lower	Upper
96	100		
61	154.8	131.8	197.6
98	59.7	51.2	76.8

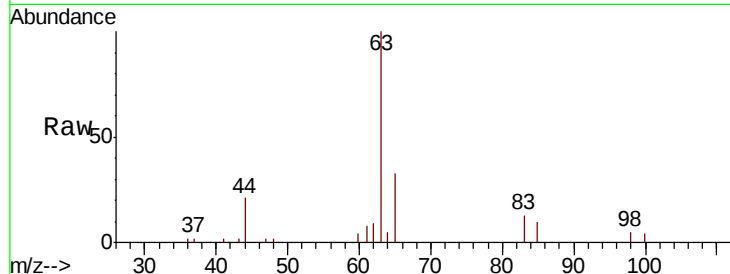




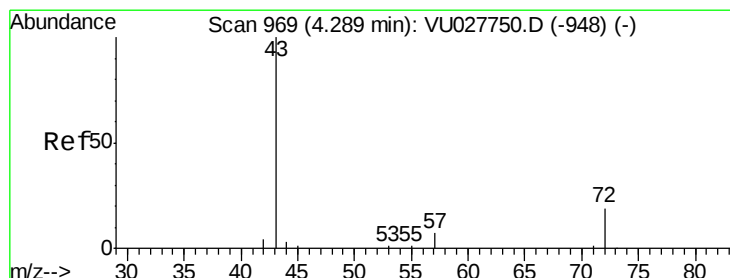
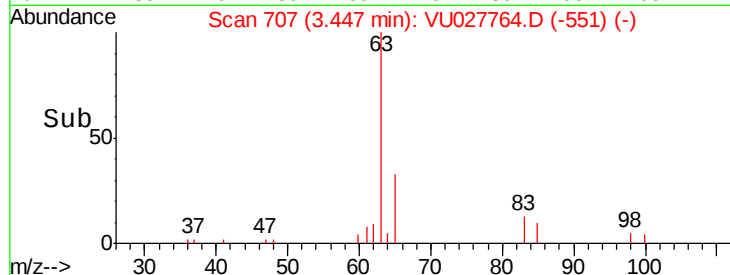
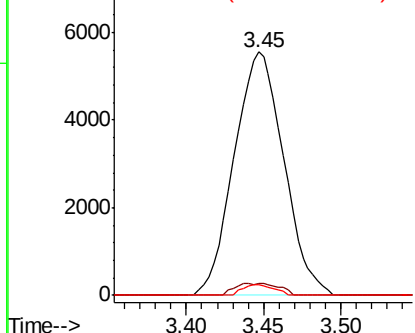
#17
 1,1-Dichloroethane
 Concen: 1.867 ug/l
 RT: 3.45 min Scan# 707
 Delta R.T. 0.00 min
 Lab File: VU027764.D
 Acq: 23 Oct 2018 15:45

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
63	100		
98	4.7	2.8	8.4
100	4.3	1.5	4.5

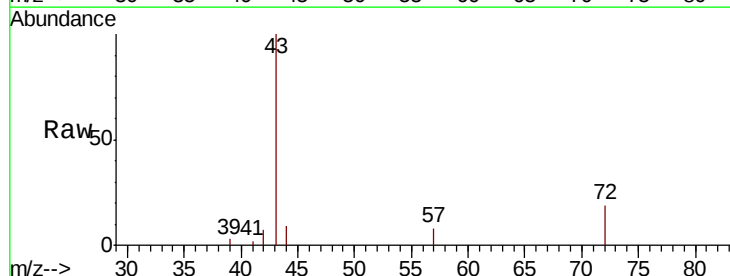


Abundance Ion 63.00 (62.70 to 63.70): VU0
 Ion 98.00 (97.70 to 98.70): VU0
 Ion 100.00 (99.70 to 100.70): VU0

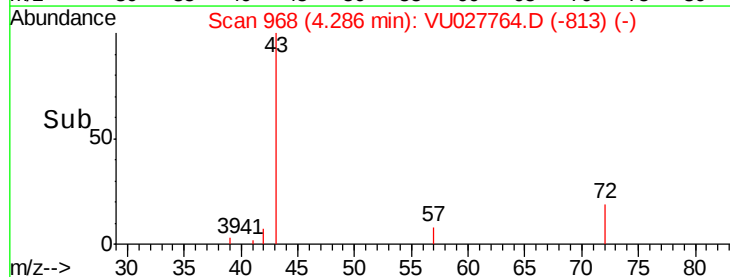
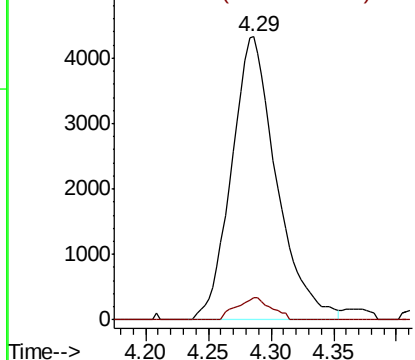


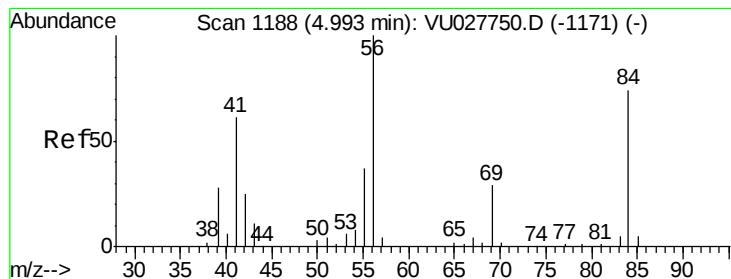
#18
 2-Butanone
 Concen: 8.668 ug/l
 RT: 4.29 min Scan# 968
 Delta R.T. -0.00 min
 Lab File: VU027764.D
 Acq: 23 Oct 2018 15:45

Tgt Ion	Ratio	Lower	Upper
43	100		
57	7.9	0.0	14.4



Abundance Ion 43.00 (42.70 to 43.70): VU0
 Ion 57.00 (56.70 to 57.70): VU0





#19

Cyclohexane

Concen: 1.851 ug/l

RT: 4.99 min Scan# 1188

Delta R.T. 0.00 min

Lab File: VU027764.D

Acq: 23 Oct 2018 15:45

Instrument :
MSVOA_U
ClientSampleId :

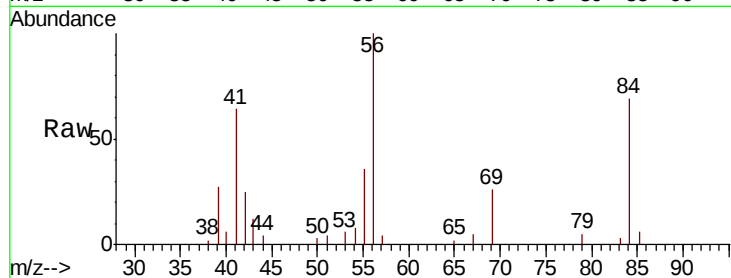
Tot Ion: 56 Resp: 11001

Ion Ratio Lower Upper

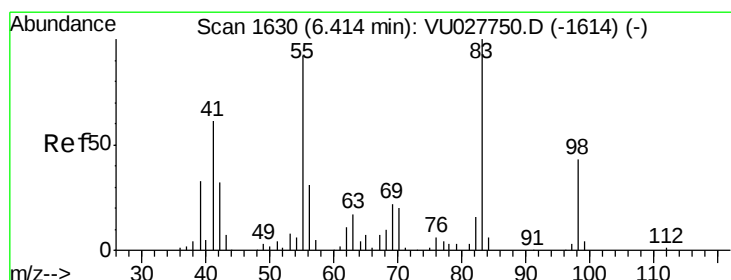
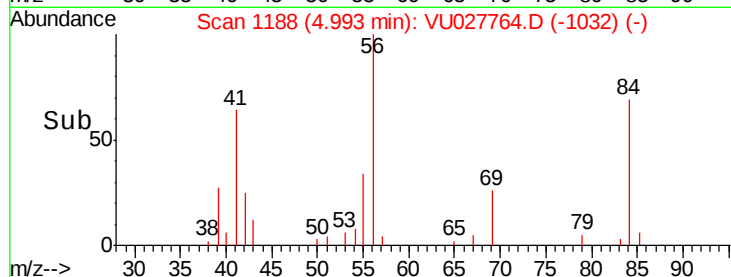
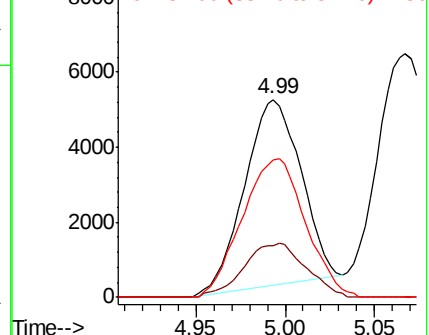
56 100

69 31.7 25.9 38.9

84 83.1 65.9 98.9



Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0



#20

Methylcyclohexane

Concen: 1.817 ug/l

RT: 6.42 min Scan# 1631

Delta R.T. 0.00 min

Lab File: VU027764.D

Acq: 23 Oct 2018 15:45

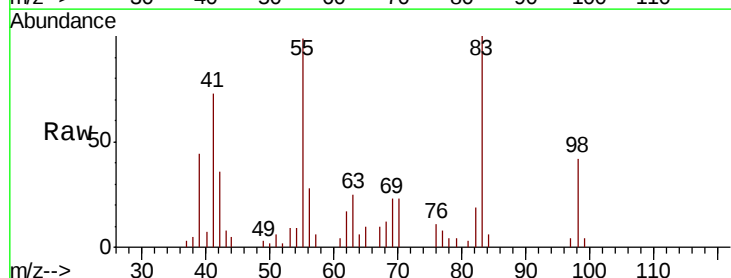
Tgt Ion: 83 Resp: 10950

Ion Ratio Lower Upper

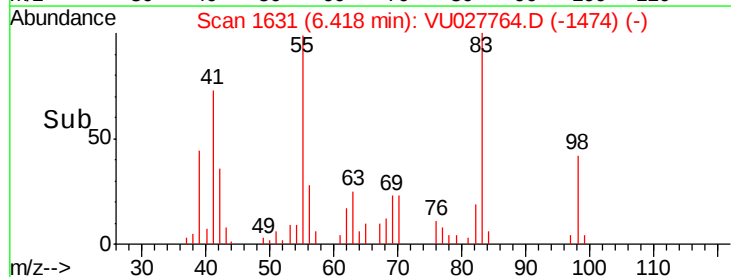
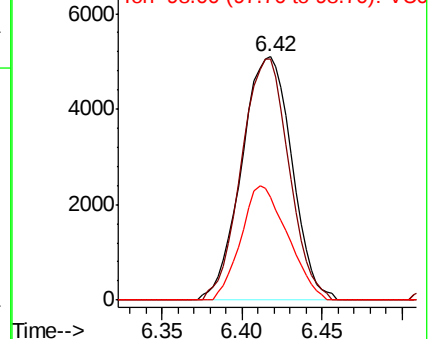
83 100

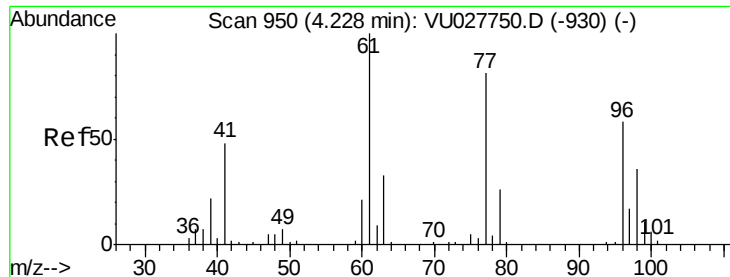
55 93.8 72.6 108.8

98 43.4 35.0 52.4



Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

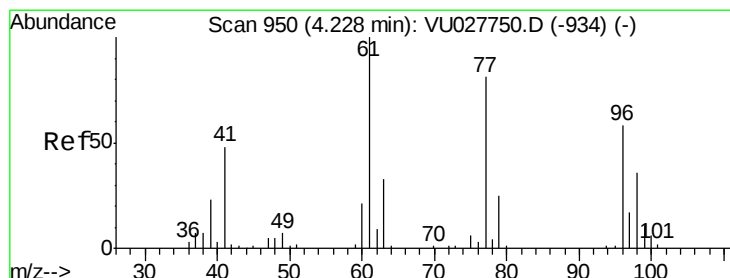
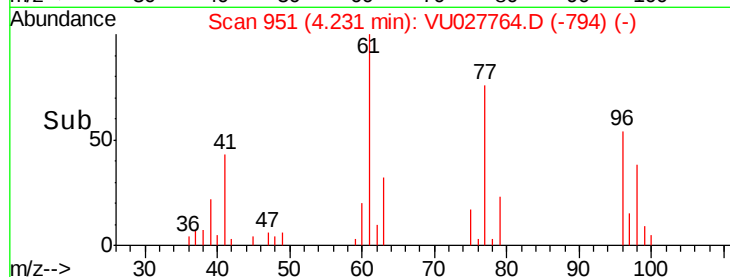
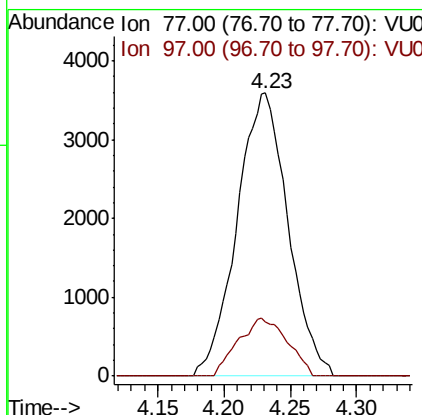
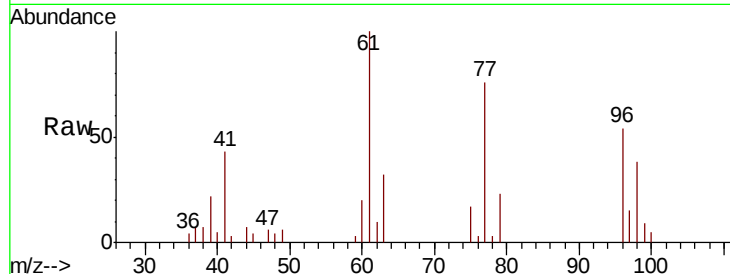




#21
 2,2-Dichloropropane
 Concen: 1.640 ug/l
 RT: 4.23 min Scan# 951
 Delta R.T. 0.00 min
 Lab File: VU027764.D
 Acq: 23 Oct 2018 15:45

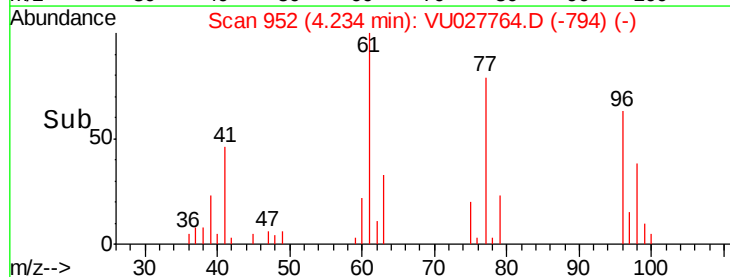
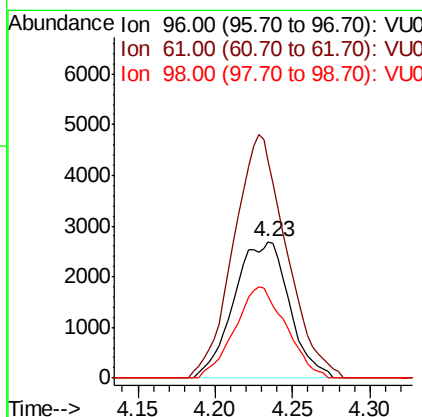
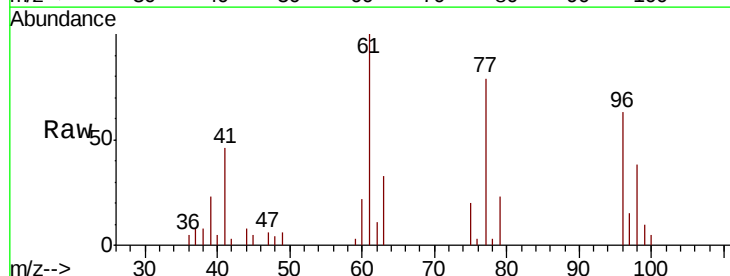
Instrument :
 MSVOA_U
 ClientSampled :

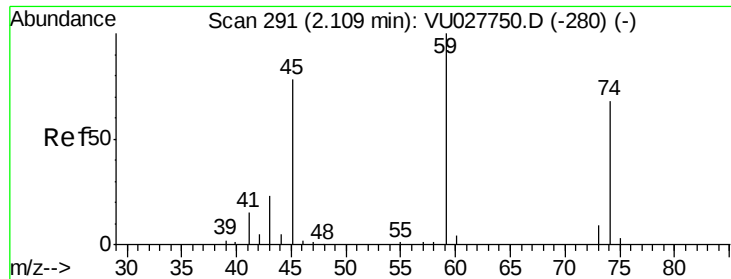
Tot Ion: 77 Resp: 9601
 Ion Ratio Lower Upper
 77 100
 97 19.6 16.9 25.3



#22
 cis-1,2-Dichloroethene
 Concen: 1.849 ug/l
 RT: 4.23 min Scan# 952
 Delta R.T. 0.01 min
 Lab File: VU027764.D
 Acq: 23 Oct 2018 15:45

Tgt Ion: 96 Resp: 6650
 Ion Ratio Lower Upper
 96 100
 61 170.7 0.0 444.0
 98 62.3 31.9 95.5





#23

Diethyl Ether

Concen: 1.830 ug/l

RT: 2.11 min Scan# 290

Delta R.T. -0.00 min

Lab File: VU027764.D

Acq: 23 Oct 2018 15:45

Instrument :

MSVOA_U

ClientSampleId :

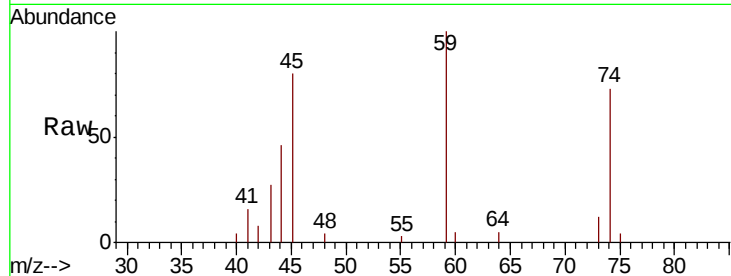
Tot Ion: 59 Resp: 4697

Ion Ratio Lower Upper

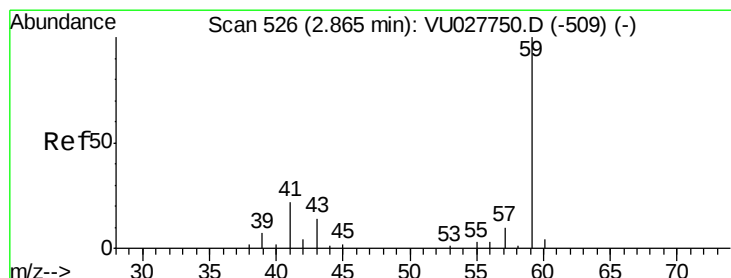
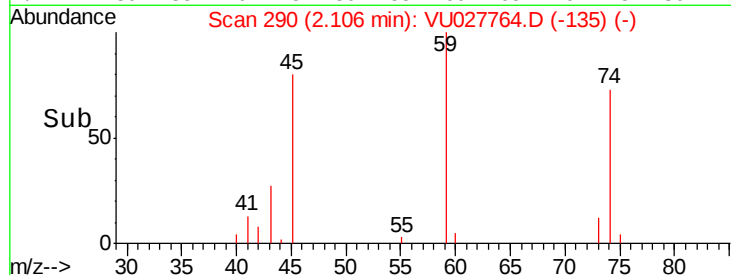
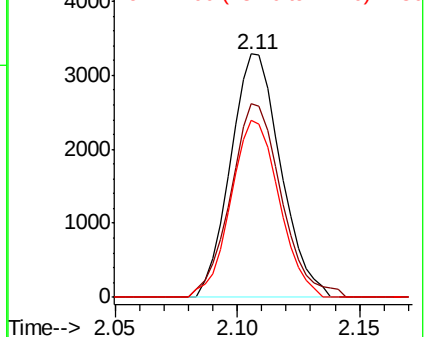
59 100

45 80.2 64.6 96.8

74 70.0 54.8 82.2



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: 18.373 ug/l

RT: 2.84 min Scan# 519

Delta R.T. -0.02 min

Lab File: VU027764.D

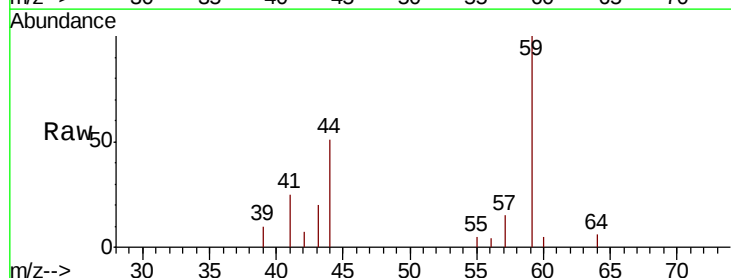
Acq: 23 Oct 2018 15:45

Tgt Ion: 59 Resp: 5029

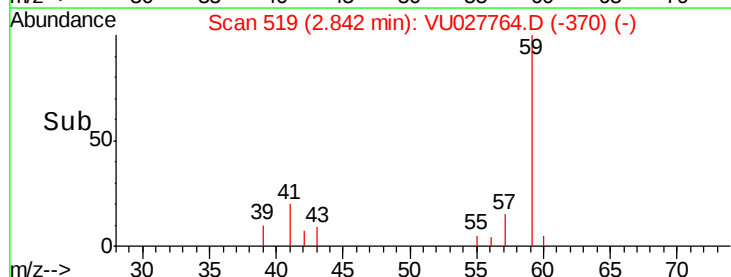
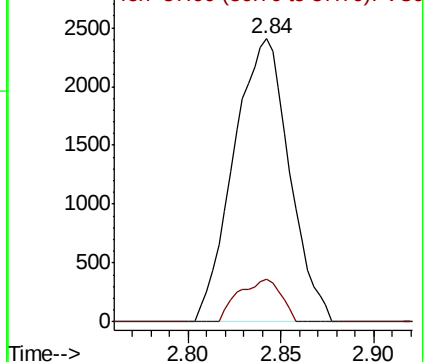
Ion Ratio Lower Upper

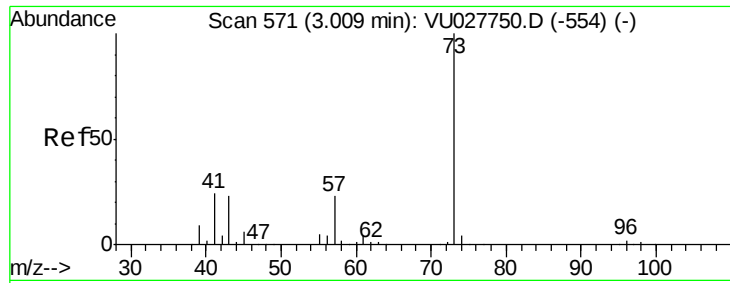
59 100

57 11.6 4.4 6.6#



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



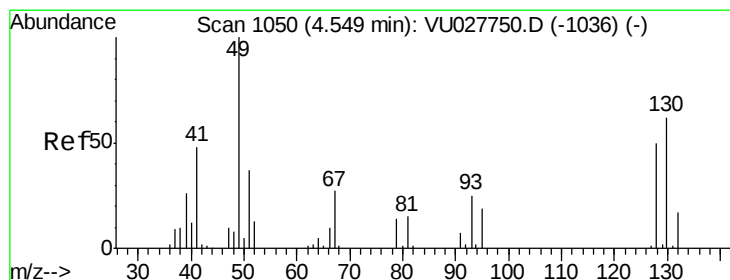
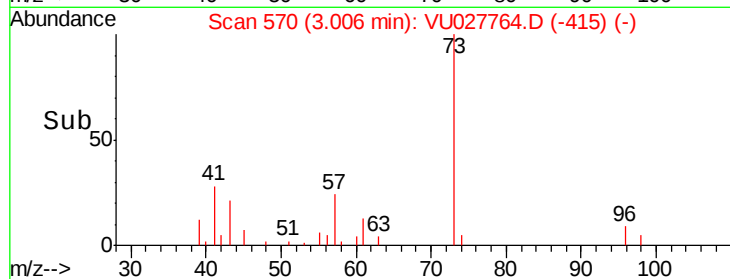
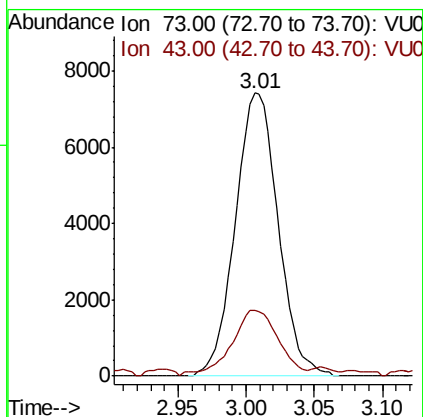
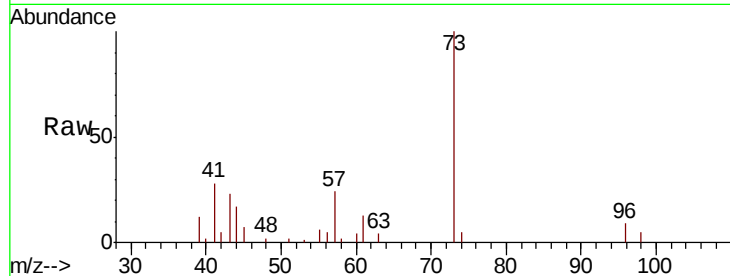


#25

Methyl tert-Butyl Ether
 Concen: 1.885 ug/l
 RT: 3.01 min Scan# 570
 Delta R.T. -0.00 min
 Lab File: VU027764.D
 Acq: 23 Oct 2018 15:45

Instrument :
 MSVOA_U
 ClientSampled :

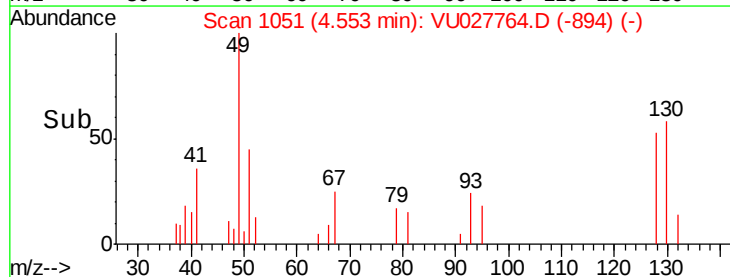
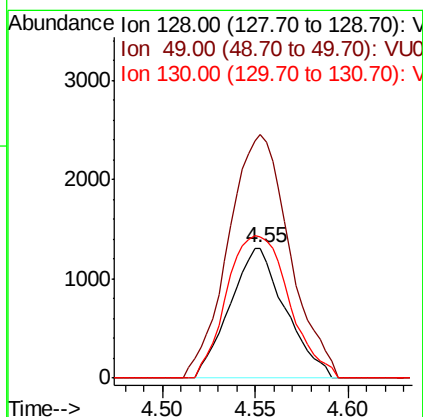
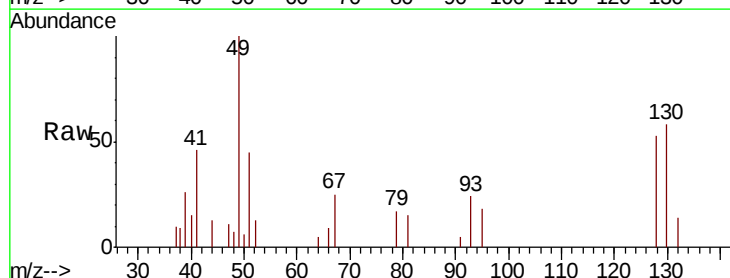
Tot Ion: 73 Resp: 16194
 Ion Ratio Lower Upper
 73 100
 43 25.4 18.6 27.8

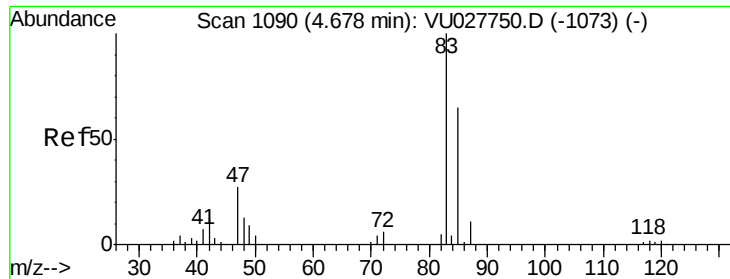


#26

Bromochloromethane
 Concen: 1.889 ug/l
 RT: 4.55 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VU027764.D
 Acq: 23 Oct 2018 15:45

Tgt Ion: 128 Resp: 2725
 Ion Ratio Lower Upper
 128 100
 49 206.5 0.0 427.6
 130 123.3 103.4 155.0

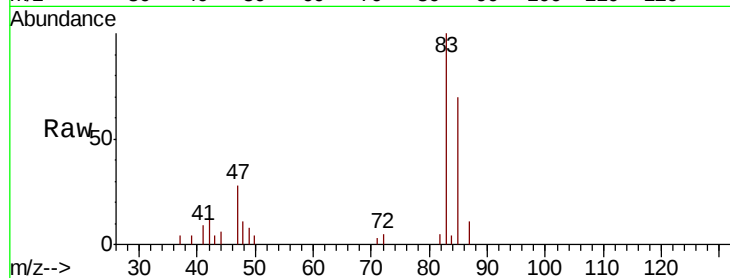




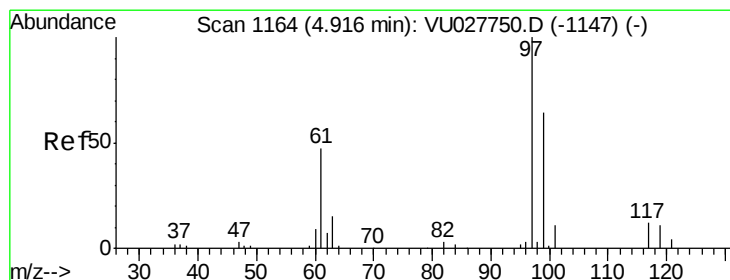
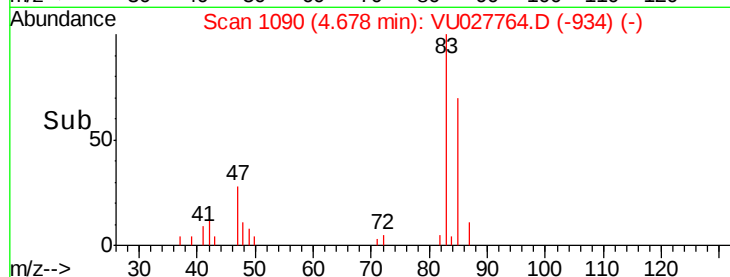
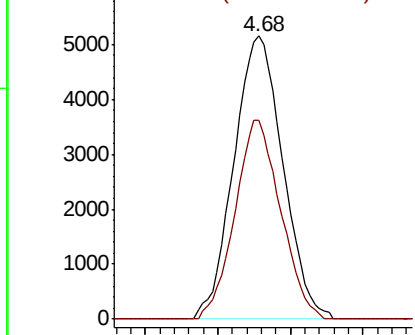
#27
Chloroform
Concen: 1.877 ug/l
RT: 4.68 min Scan# 1090
Delta R.T. 0.00 min
Lab File: VU027764.D
Acq: 23 Oct 2018 15:45

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 12117
Ion Ratio Lower Upper
83 100
85 70.1 0.0 130.2

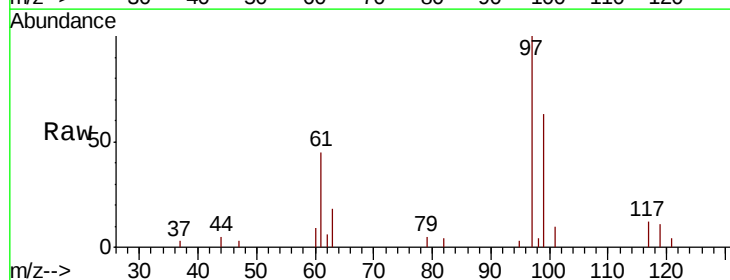


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 85.00 (84.70 to 85.70): VU0

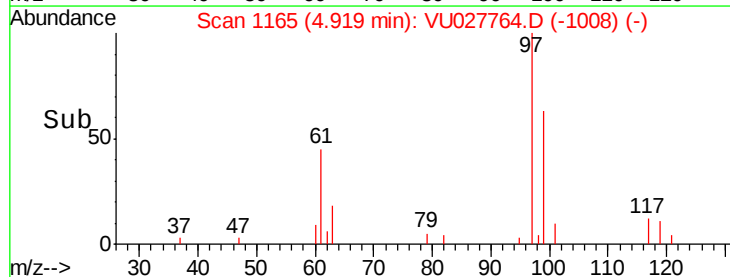
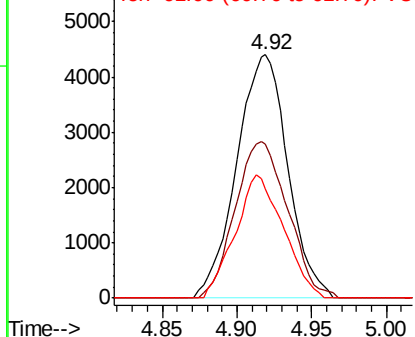


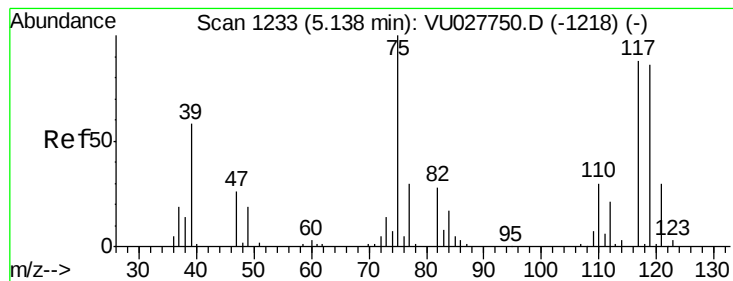
#28
1,1,1-Trichloroethane
Concen: 1.821 ug/l
RT: 4.92 min Scan# 1165
Delta R.T. 0.00 min
Lab File: VU027764.D
Acq: 23 Oct 2018 15:45

Tgt Ion: 97 Resp: 10461
Ion Ratio Lower Upper
97 100
99 66.2 31.8 95.4
61 47.7 23.6 70.8



Abundance Ion 97.00 (96.70 to 97.70): VU0
Ion 99.00 (98.70 to 99.70): VU0
Ion 61.00 (60.70 to 61.70): VU0





#29

1,1-Dichloropropene

Concen: 1.894 ug/l

RT: 5.14 min Scan# 1233

Delta R.T. 0.00 min

Lab File: VU027764.D

Acq: 23 Oct 2018 15:45

Instrument :

MSVOA_U

ClientSampleId :

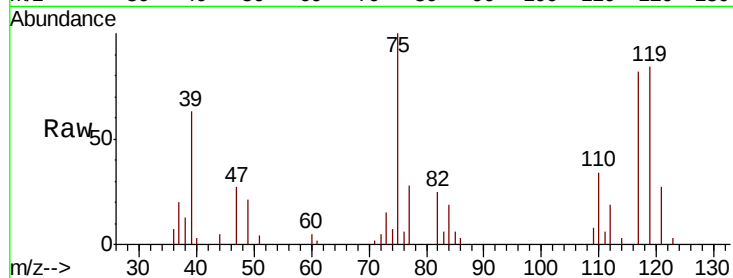
Tot Ion: 75 Resp: 9502

Ion Ratio Lower Upper

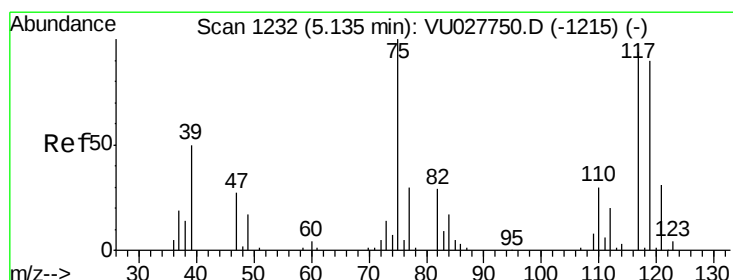
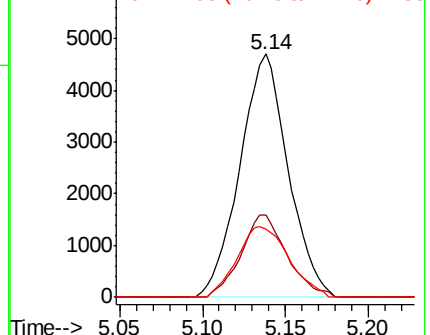
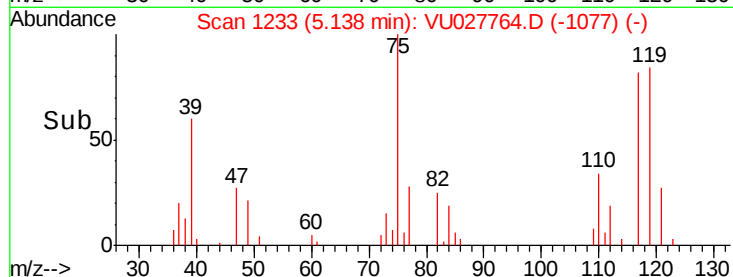
75 100

110 32.3 15.6 46.8

77 31.3 24.5 36.7



Abundance Ion 75.00 (74.70 to 75.70): VU027750.D (-1218) (-)



#30

Carbon Tetrachloride

Concen: 1.804 ug/l

RT: 5.13 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VU027764.D

Acq: 23 Oct 2018 15:45

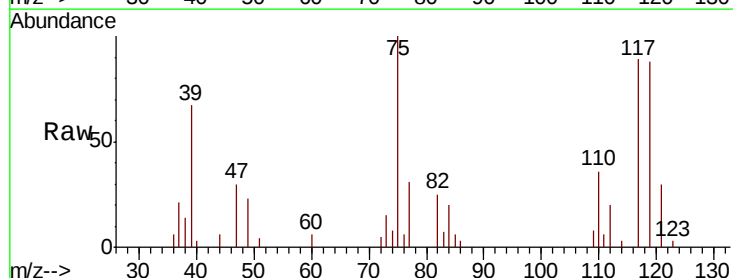
Tgt Ion: 117 Resp: 9260

Ion Ratio Lower Upper

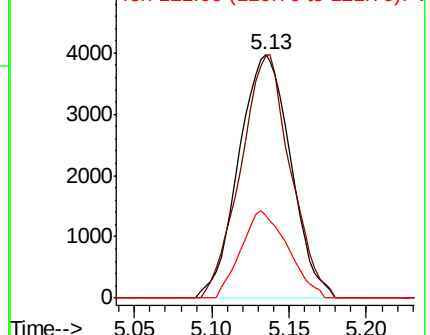
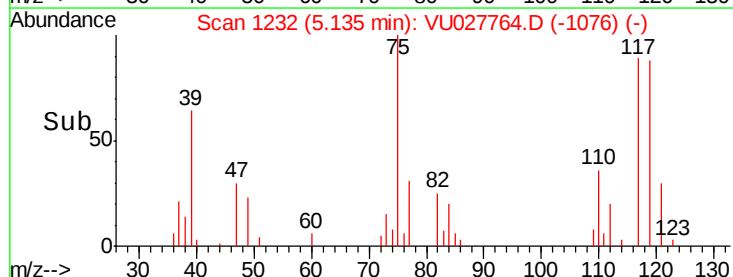
117 100

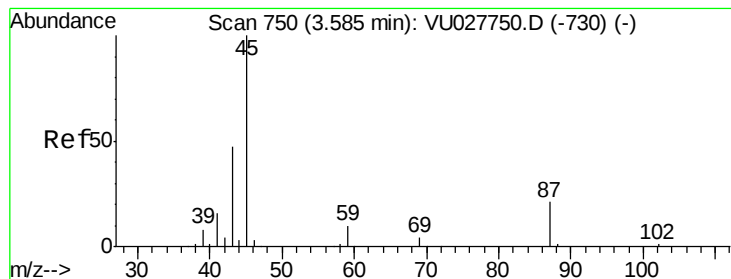
119 99.7 76.2 114.4

121 34.1 26.4 39.6



Abundance Ion 117.00 (116.70 to 117.70): VU027750.D (-1215) (-)





#31

Isopropyl Ether

Concen: 1.868 ug/l

RT: 3.58 min Scan# 749

Delta R.T. -0.00 min

Lab File: VU027764.D

Acq: 23 Oct 2018 15:45

Instrument :

MSVOA_U

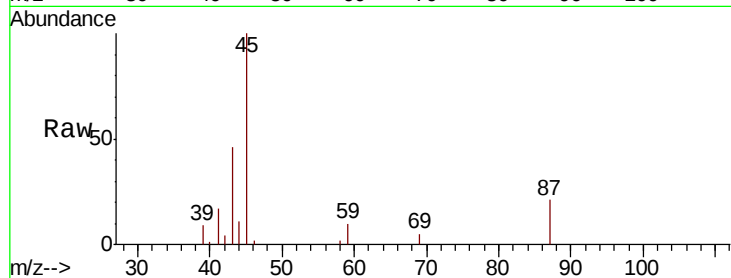
ClientSampled :

Tot Ion: 45 Resp: 22302

Ion Ratio Lower Upper

45 100

43 51.3 24.5 73.5



Abundance Ion 45.00 (44.70 to 45.70): VU027750.D (-730) (-)

Ion 43.00 (42.70 to 43.70): VU027750.D (-730) (-)

3.58

10000

8000

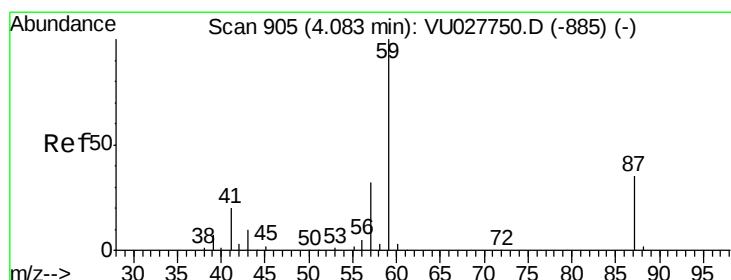
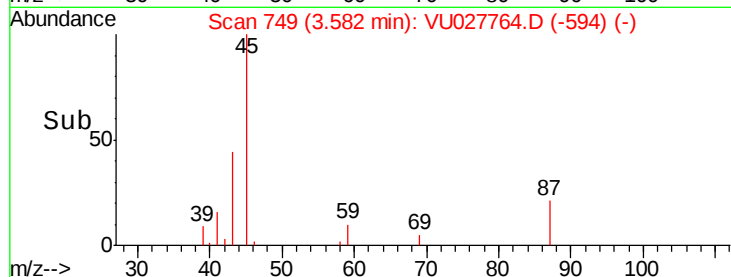
6000

4000

2000

0

Time-->



#32

Ethyl-t-butyl ether

Concen: 1.848 ug/l

RT: 4.08 min Scan# 905

Delta R.T. 0.00 min

Lab File: VU027764.D

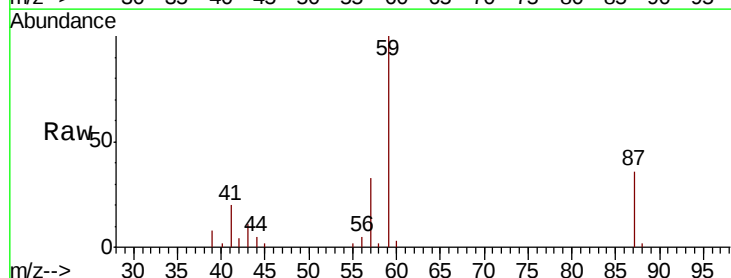
Acq: 23 Oct 2018 15:45

Tgt Ion: 59 Resp: 19577

Ion Ratio Lower Upper

59 100

87 36.0 29.4 44.0



Abundance Ion 59.00 (58.70 to 59.70): VU027750.D (-885) (-)

Ion 87.00 (86.70 to 87.70): VU027750.D (-885) (-)

4.08

8000

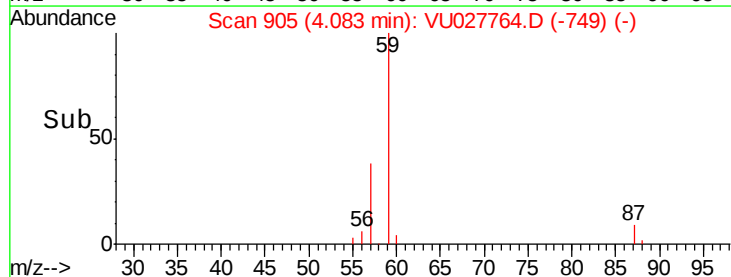
6000

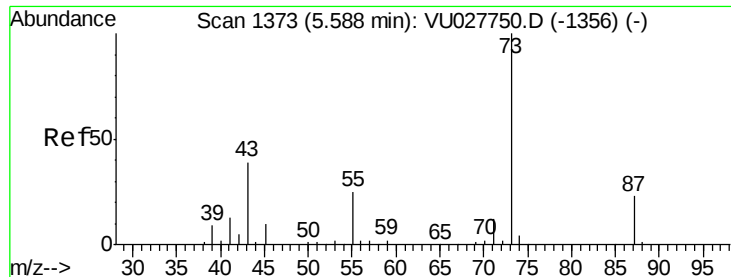
4000

2000

0

Time-->

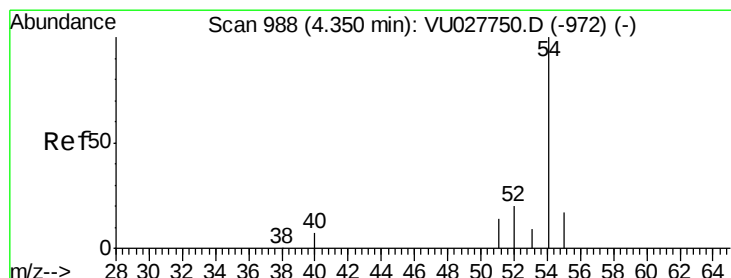
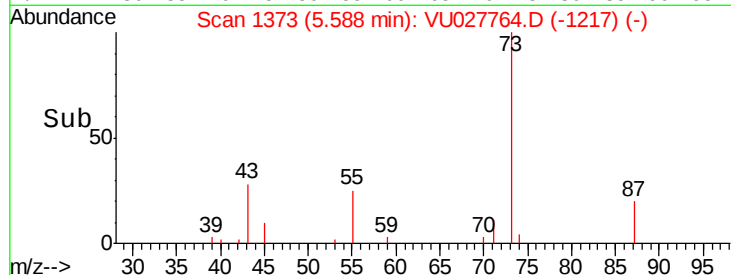
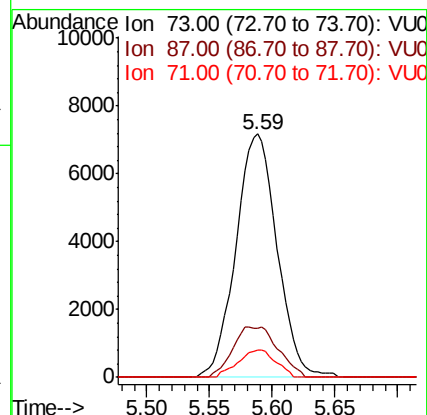
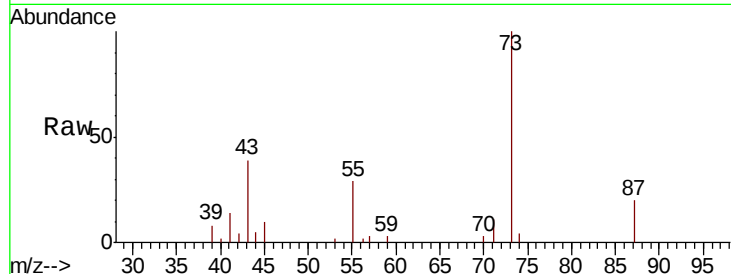




#33
Tert-Amvl methvl ether
Concen: 1.823 ug/l
RT: 5.59 min Scan# 1373
Delta R.T. 0.00 min
Lab File: VU027764.D
Acq: 23 Oct 2018 15:45

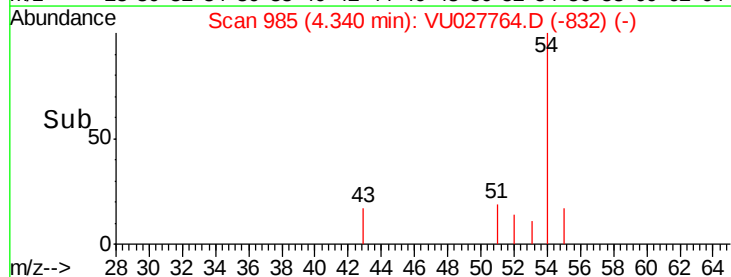
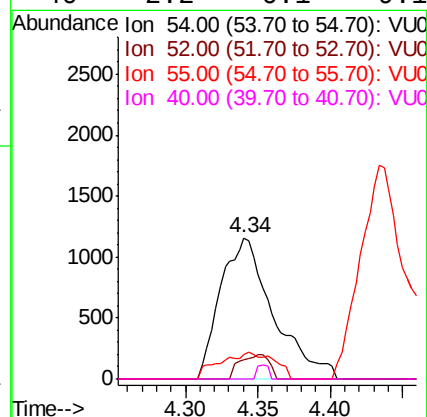
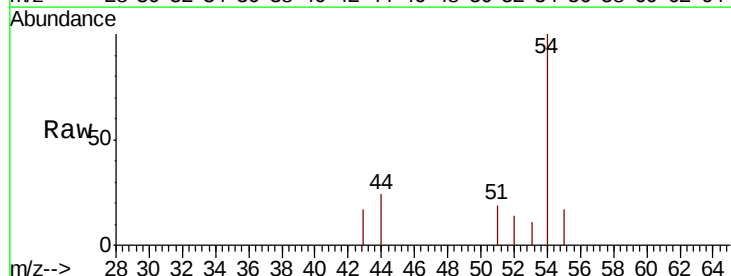
Instrument :
MSVOA_U
ClientSampleId :

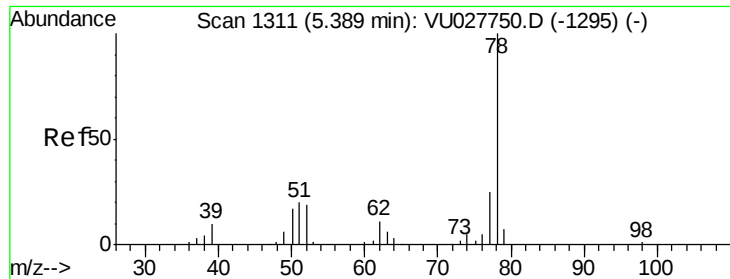
Tot Ion: 73 Resp: 16388
Ion Ratio Lower Upper
73 100
87 11.0 18.5 27.7#
71 10.2 9.1 13.7



#34
Propionitrile
Concen: 9.860 ug/l
RT: 4.34 min Scan# 985
Delta R.T. -0.01 min
Lab File: VU027764.D
Acq: 23 Oct 2018 15:45

Tgt Ion: 54 Resp: 2930
Ion Ratio Lower Upper
54 100
52 9.4 15.5 23.3#
55 19.5 12.6 18.8#
40 2.2 6.1 9.1#





#35

Benzene

Concen: 1.869 ug/l

RT: 5.39 min Scan# 1312

Delta R.T. 0.00 min

Lab File: VU027764.D

Acq: 23 Oct 2018 15:45

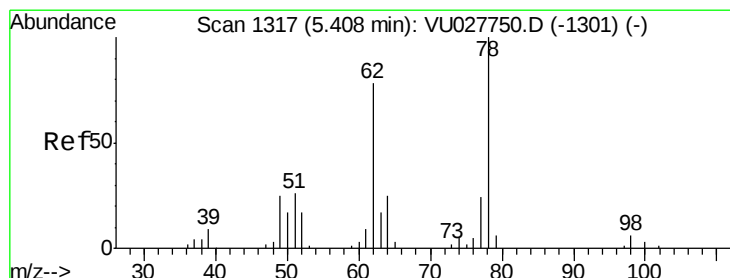
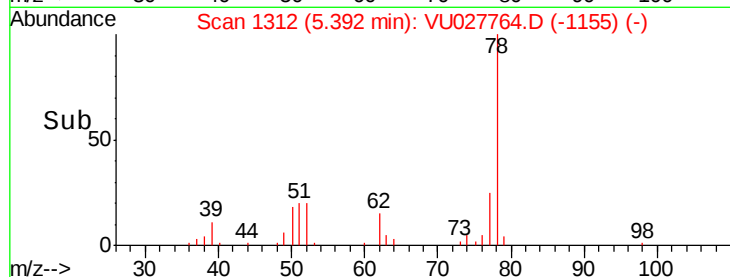
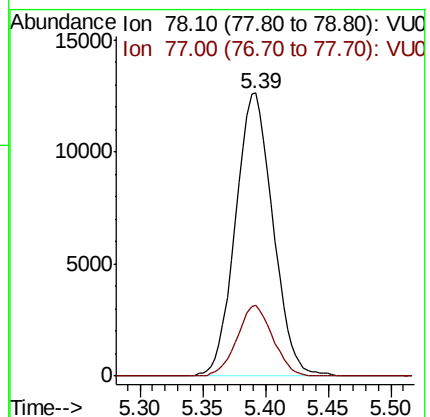
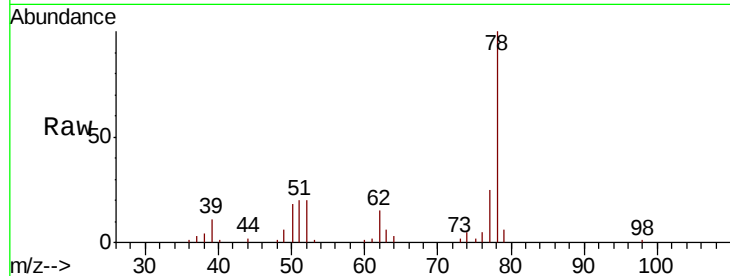
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 78 Resp: 26210

Ion Ratio Lower Upper

78 100

77 25.1 19.9 29.9



#36

1,2-Dichloroethane

Concen: 1.865 ug/l

RT: 5.41 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VU027764.D

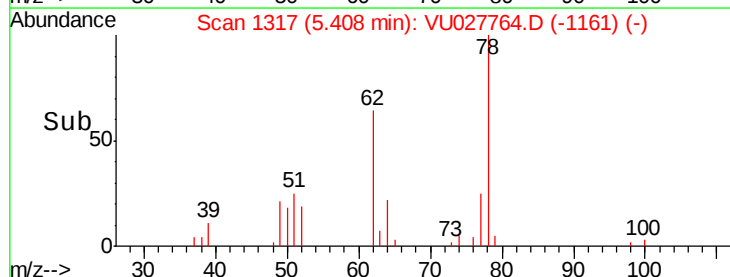
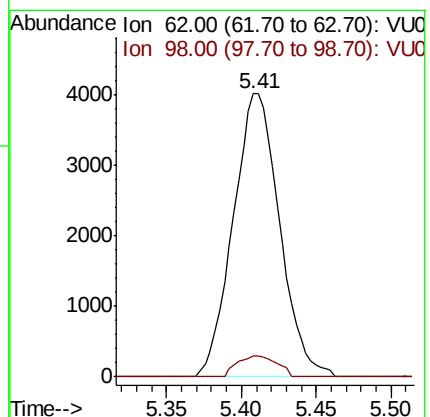
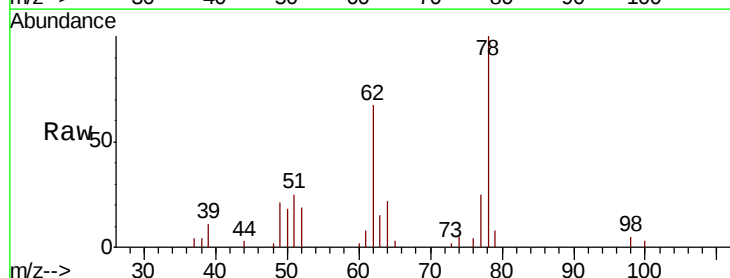
Acq: 23 Oct 2018 15:45

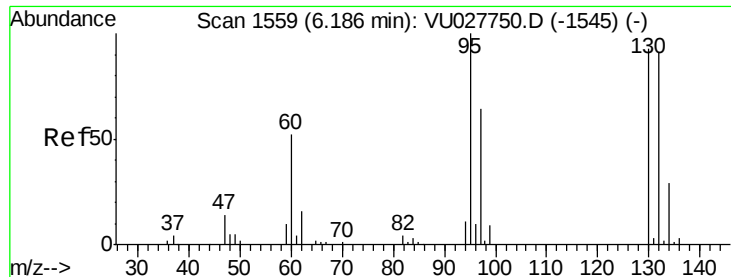
Tgt Ion: 62 Resp: 8705

Ion Ratio Lower Upper

62 100

98 6.4 5.8 8.6

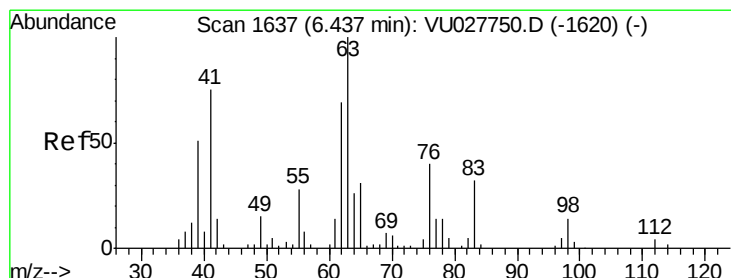
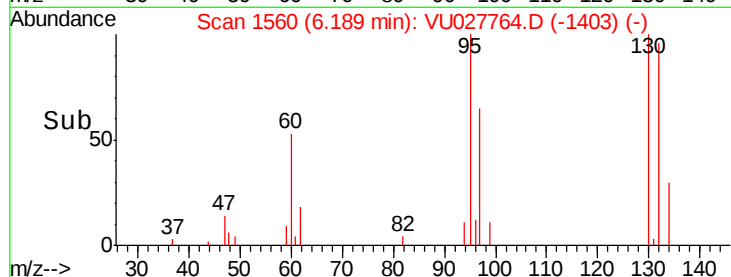
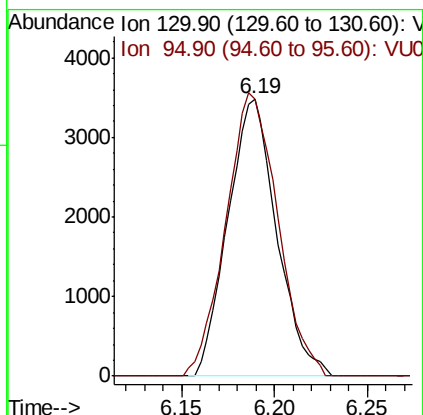
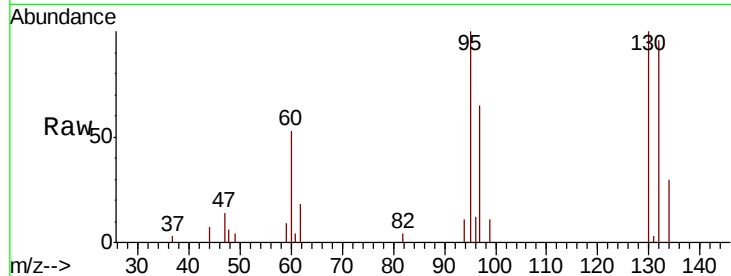




#37
 Trichloroethene
 Concen: 1.841 ug/l
 RT: 6.19 min Scan# 1560
 Delta R.T. 0.00 min
 Lab File: VU027764.D
 Acq: 23 Oct 2018 15:45

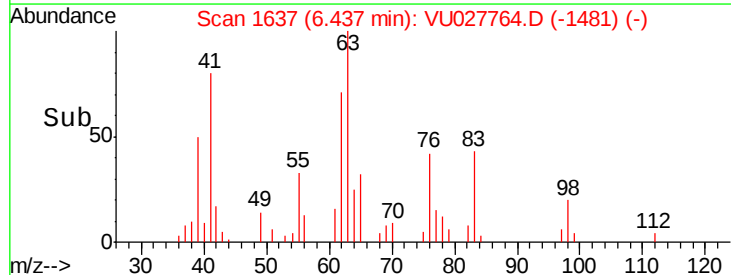
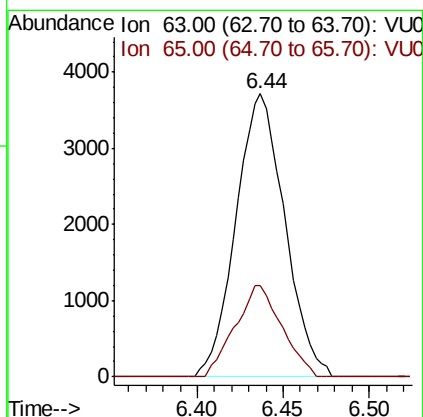
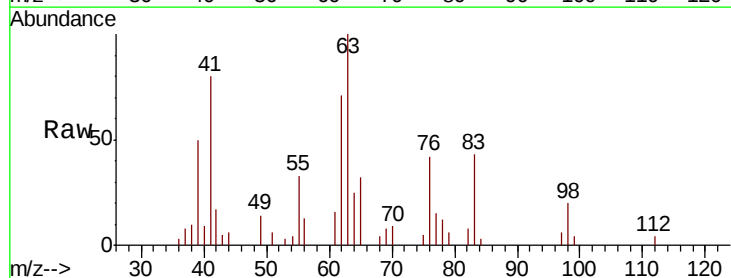
Instrument :
 MSVOA_U
 ClientSampled :

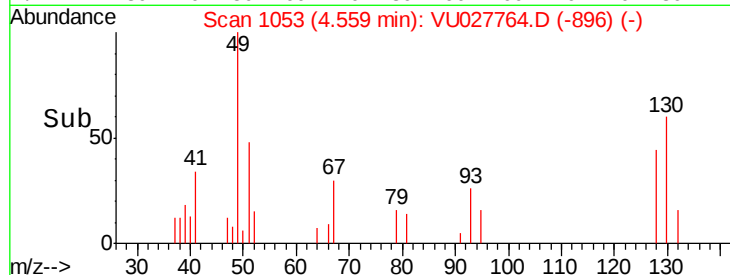
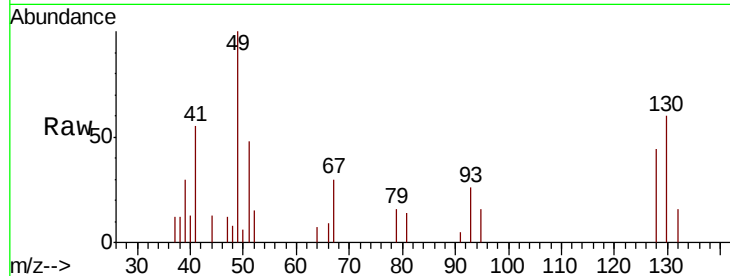
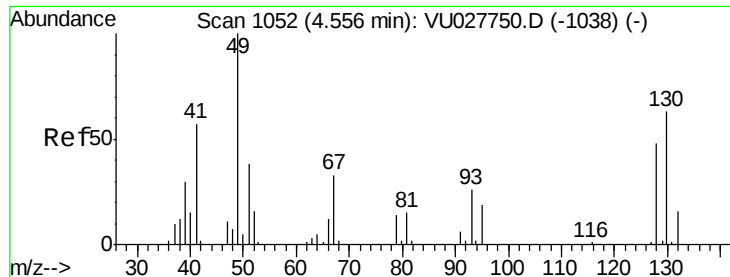
Tot Ion:130 Resp: 6368
 Ion Ratio Lower Upper
 130 100
 95 100.0 86.4 129.6



#38
 1,2-Dichloropropane
 Concen: 1.864 ug/l
 RT: 6.44 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: VU027764.D
 Acq: 23 Oct 2018 15:45

Tgt Ion: 63 Resp: 7338
 Ion Ratio Lower Upper
 63 100
 65 32.1 24.9 37.3

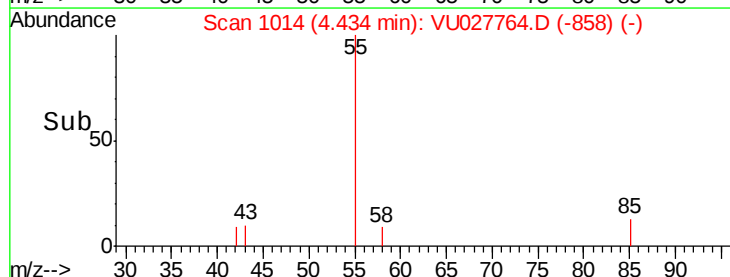
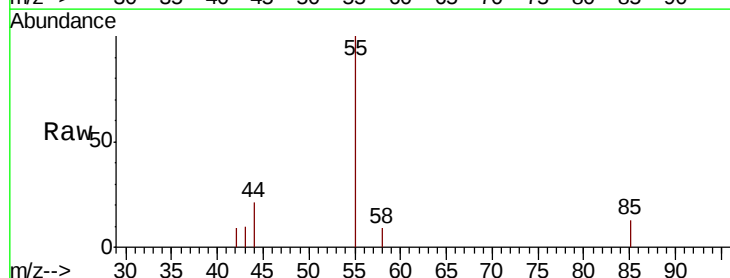
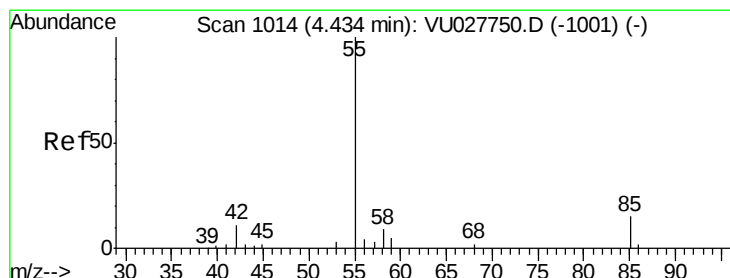
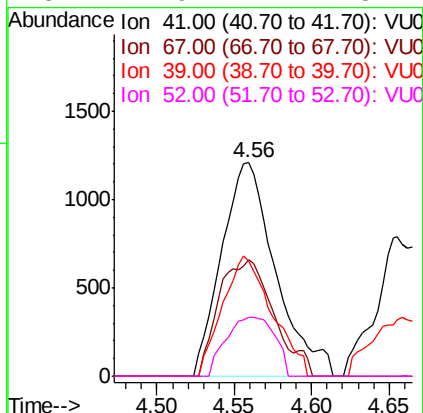




#39
Methacrylonitrile
Concen: 1.787 ug/l
RT: 4.56 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VU027764.D
Acq: 23 Oct 2018 15:45

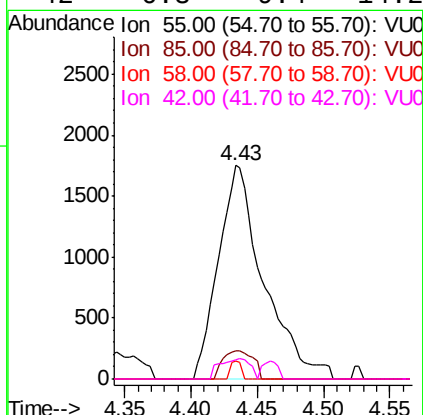
Instrument :
MSVOA_U
ClientSampleId :

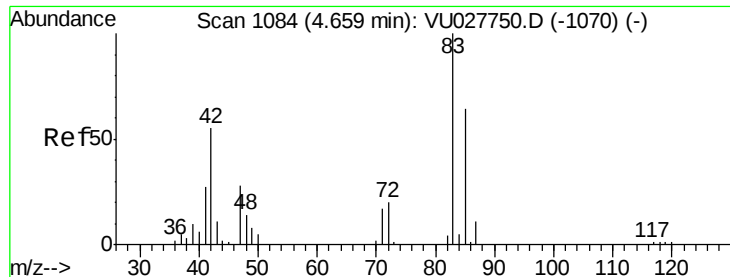
Tot Ion:	41	Resp:	2933
Ion	Ratio	Lower	Upper
41	100		
67	55.6	46.1	69.1
39	51.4	43.6	65.4
52	24.9	21.4	32.2



#40
Methyl acrylate
Concen: 1.943 ug/l
RT: 4.43 min Scan# 1014
Delta R.T. 0.00 min
Lab File: VU027764.D
Acq: 23 Oct 2018 15:45

Tgt Ion:	55	Resp:	4153
Ion	Ratio	Lower	Upper
55	100		
85	8.8	11.8	17.6#
58	2.0	7.0	10.4#
42	6.3	9.4	14.2#





#41

Tetrahydrofuran

Concen: 3.794 ug/l

RT: 4.67 min Scan# 1086

Delta R.T. 0.01 min

Lab File: VU027764.D

Acq: 23 Oct 2018 15:45

Instrument :

MSVOA_U

ClientSampleId :

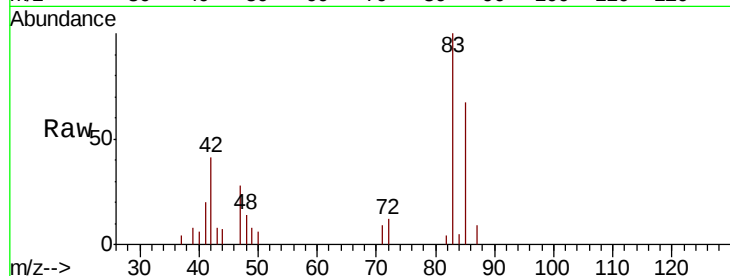
Tot Ion: 42 Resp: 3440

Ion Ratio Lower Upper

42 100

72 33.3 30.6 45.8

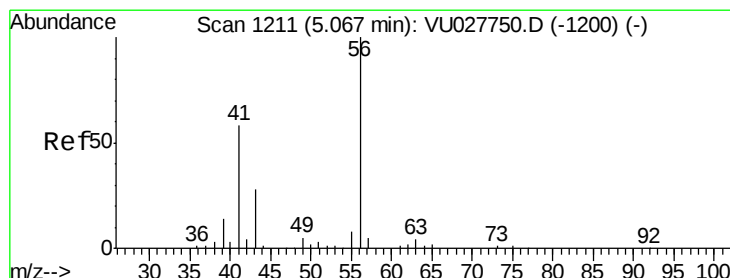
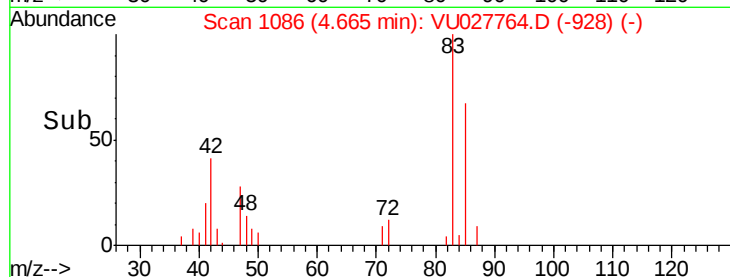
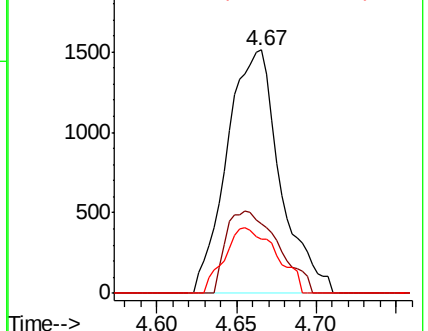
71 26.2 25.2 37.8



Abundance Ion 42.00 (41.70 to 42.70): VU027750.D (-1070) (-)

Ion 72.00 (71.70 to 72.70): VU027750.D (-1070) (-)

Ion 71.00 (70.70 to 71.70): VU027750.D (-1070) (-)



#42

1-Chlorobutane

Concen: 1.869 ug/l

RT: 5.07 min Scan# 1211

Delta R.T. 0.00 min

Lab File: VU027764.D

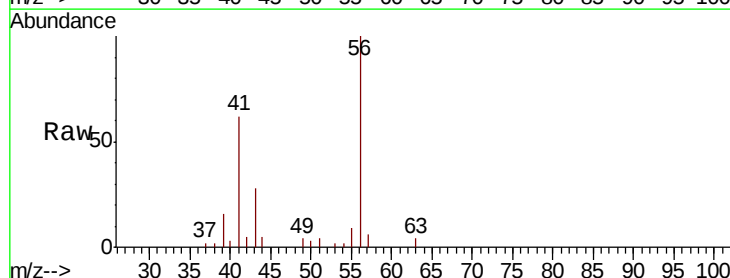
Acq: 23 Oct 2018 15:45

Tgt Ion: 56 Resp: 14795

Ion Ratio Lower Upper

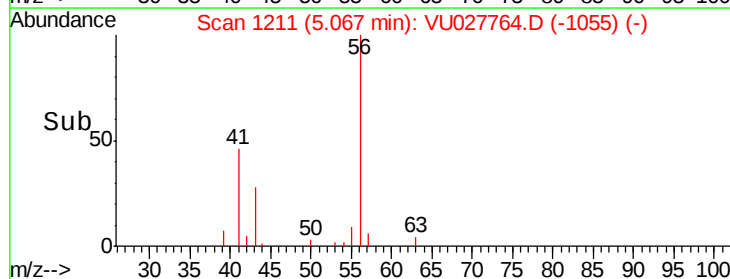
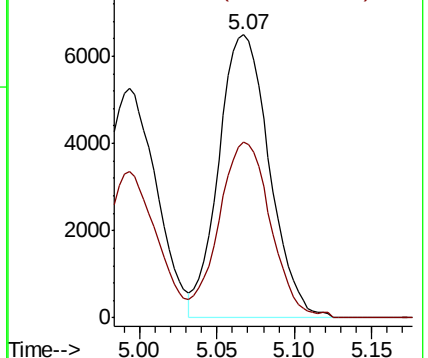
56 100

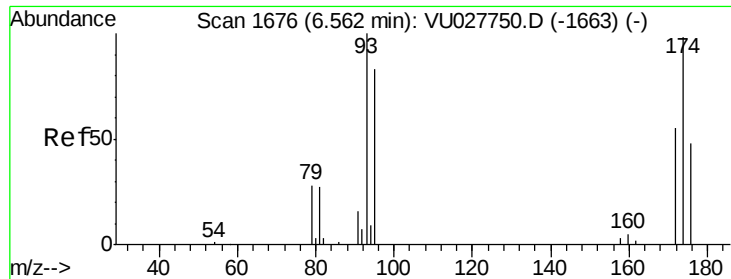
41 63.2 29.4 88.2



Abundance Ion 56.00 (55.70 to 56.70): VU027750.D (-1200) (-)

Ion 41.00 (40.70 to 41.70): VU027750.D (-1200) (-)





#43

Dibromomethane

Concen: 1.785 ug/l

RT: 6.56 min Scan# 1676

Delta R.T. 0.00 min

Lab File: VU027764.D

Acq: 23 Oct 2018 15:45

Instrument :

MSVOA_U

ClientSampleId :

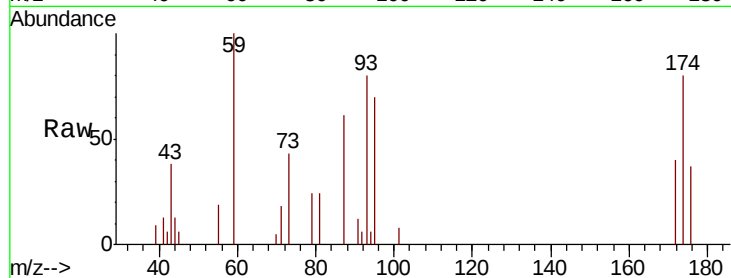
Tot Ion: 93 Resp: 3195

Ion Ratio Lower Upper

93 100

95 84.7 64.2 96.2

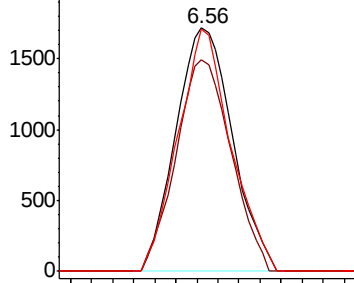
174 93.2 76.7 115.1



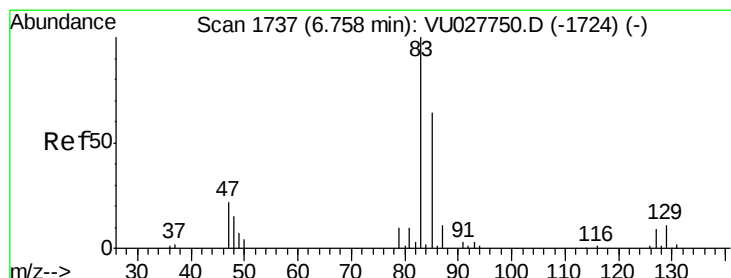
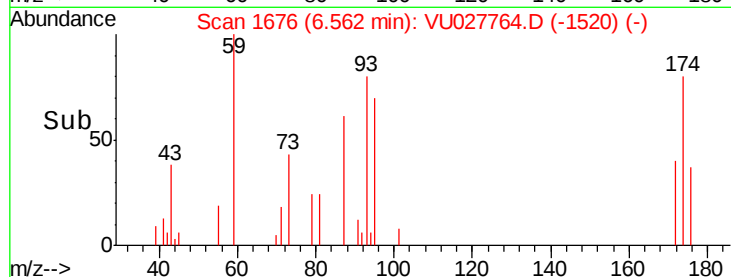
Abundance Ion 93.00 (92.70 to 93.70): VU027750.D (-1663) (-)

Ion 95.00 (94.70 to 95.70): VU027750.D (-1663) (-)

Ion 174.00 (173.70 to 174.70): VU027750.D (-1663) (-)



Time-->



#44

Bromodichloromethane

Concen: 1.848 ug/l

RT: 6.76 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VU027764.D

Acq: 23 Oct 2018 15:45

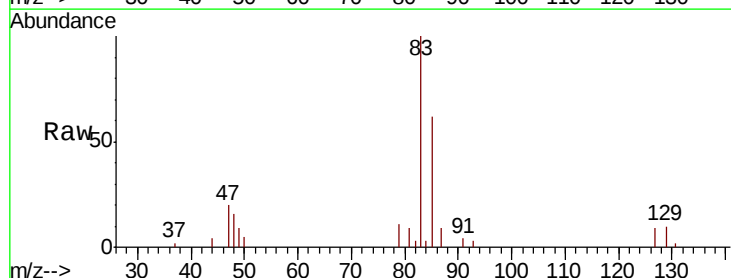
Tgt Ion: 83 Resp: 8984

Ion Ratio Lower Upper

83 100

85 61.9 51.5 77.3

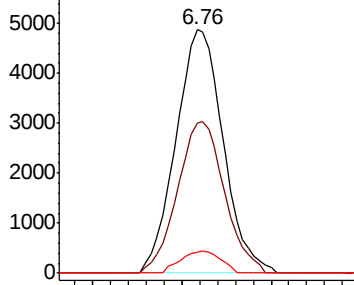
127 8.7 7.0 10.4



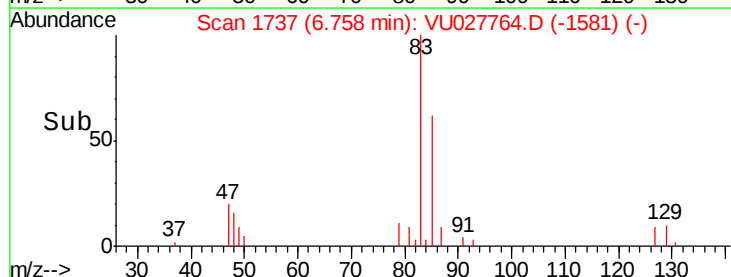
Abundance Ion 83.00 (82.70 to 83.70): VU027750.D (-1724) (-)

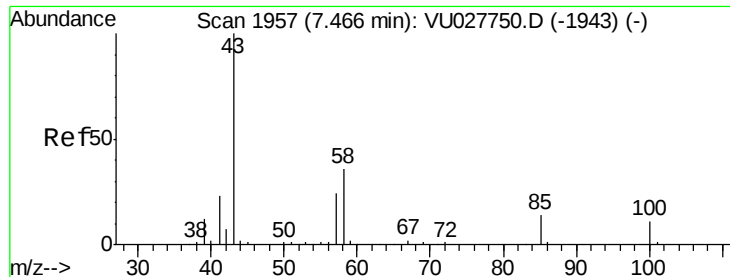
Ion 85.00 (84.70 to 85.70): VU027750.D (-1724) (-)

Ion 127.00 (126.70 to 127.70): VU027750.D (-1724) (-)



Time-->





#45

4-Methyl-2-Pentanone

Concen: 9.074 ug/l

RT: 7.47 min Scan# 1958

Delta R.T. 0.00 min

Lab File: VU027764.D

Acq: 23 Oct 2018 15:45

Instrument :
MSVOA_U
ClientSampleId :

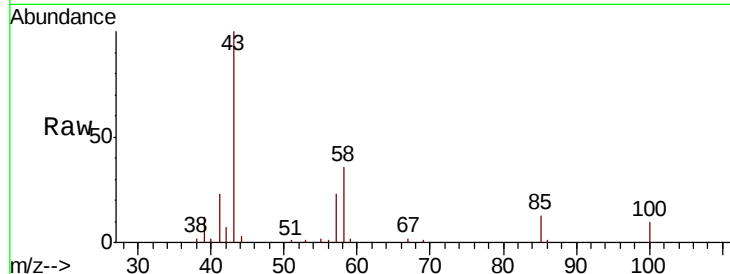
Tot Ion: 43 Resp: 26369

Ion Ratio Lower Upper

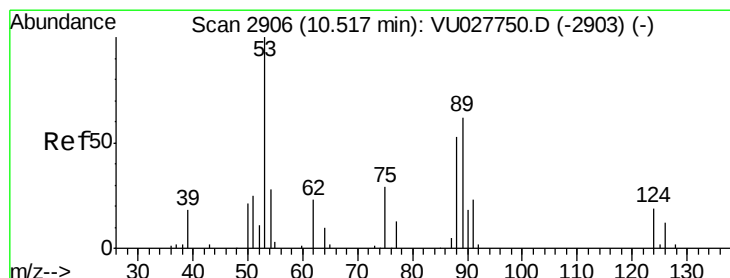
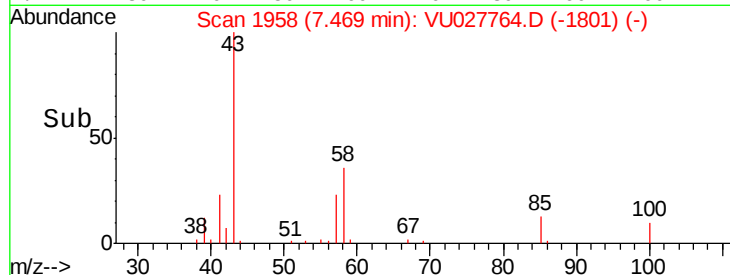
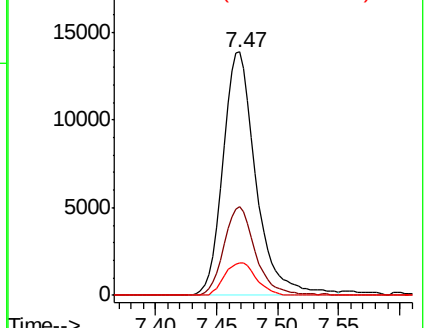
43 100

58 34.4 17.9 53.8

85 12.8 11.4 17.0



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



#46

t-1,4-Dichloro-2-butene

Concen: 3.815 ug/l

RT: 10.49 min Scan# 2899

Delta R.T. -0.02 min

Lab File: VU027764.D

Acq: 23 Oct 2018 15:45

Tgt Ion: 75 Resp: 3997

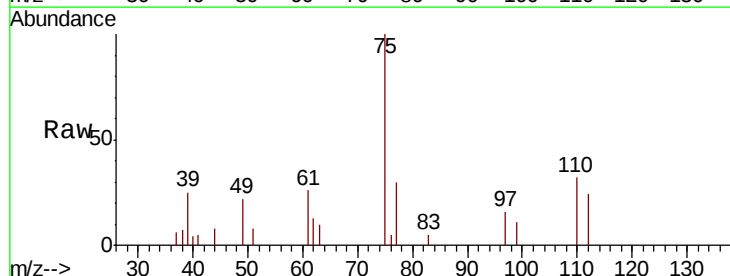
Ion Ratio Lower Upper

75 100

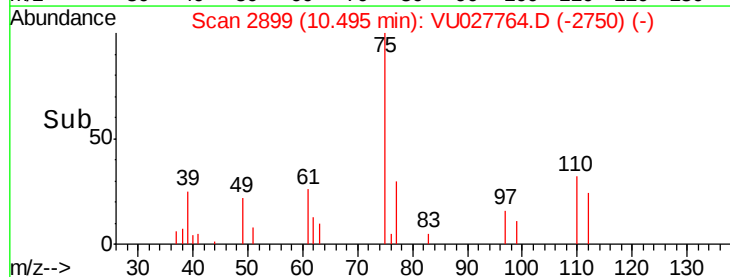
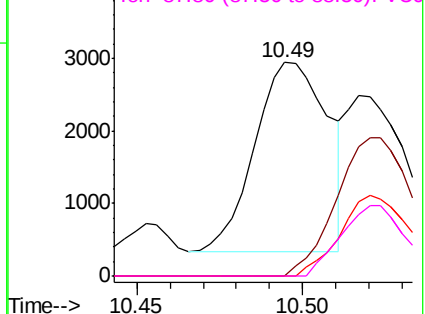
53 76.4 68.2 102.4

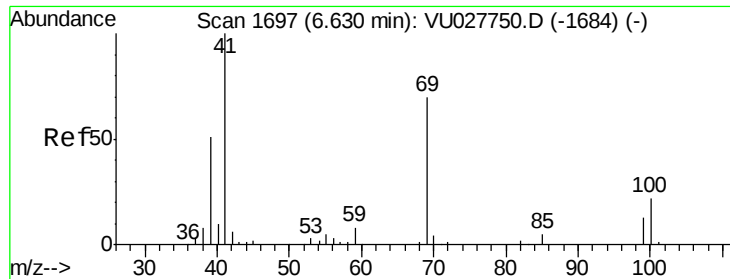
89 41.1 41.8 62.6#

88 33.5 33.8 50.8#



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

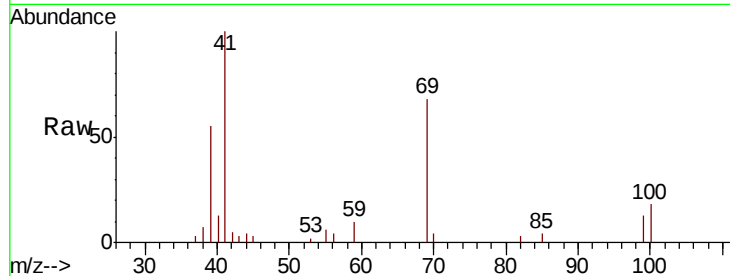




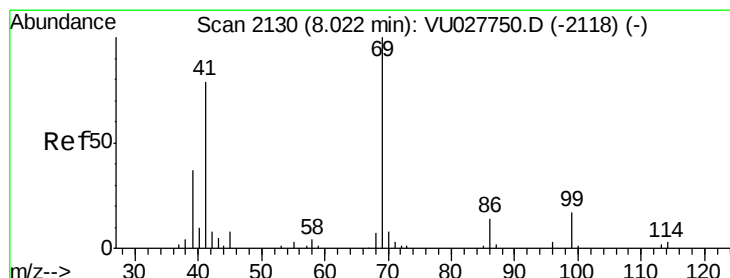
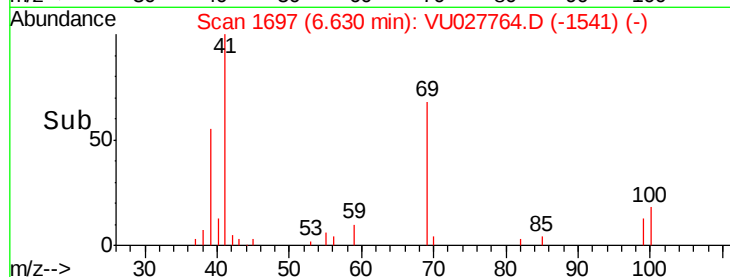
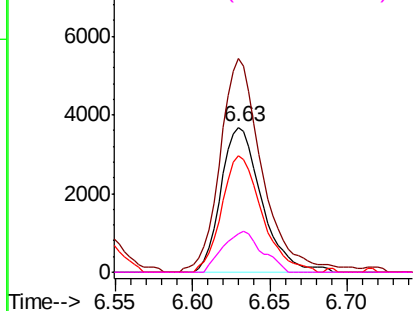
#47
Methyl methacrylate
Concen: 3.569 ug/l
RT: 6.63 min Scan# 1697
Delta R.T. 0.00 min
Lab File: VU027764.D
Acq: 23 Oct 2018 15:45

Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 69 Resp: 6739
Ion Ratio Lower Upper
69 100
41 153.2 0.0 281.2
39 79.4 58.6 88.0
100 27.1 24.8 37.2

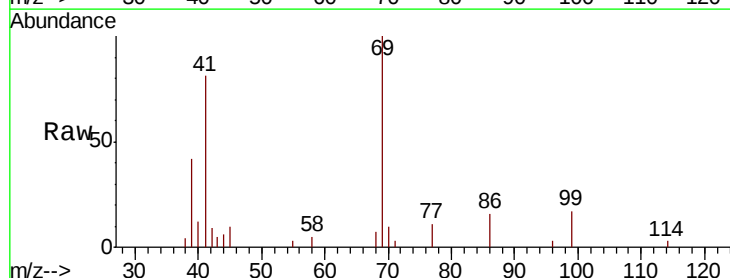


Abundance Ion 69.00 (68.70 to 69.70): VU0
Ion 41.00 (40.70 to 41.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 100.00 (99.70 to 100.70): VU0

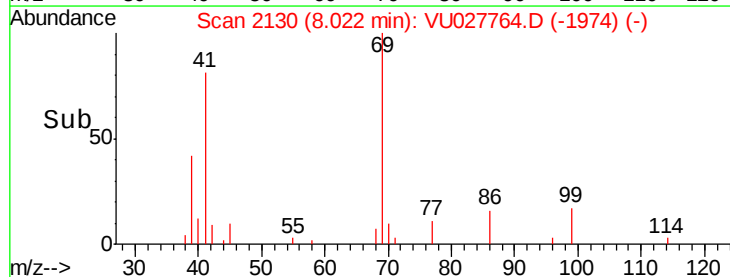
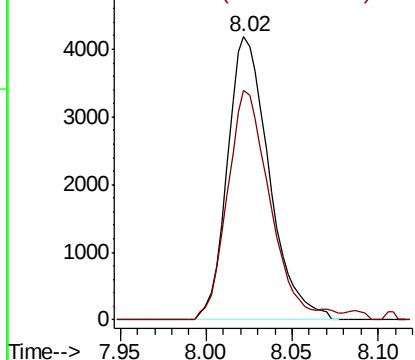


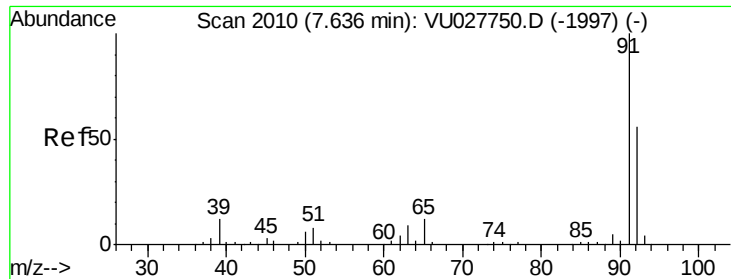
#48
Ethyl methacrylate
Concen: 1.797 ug/l
RT: 8.02 min Scan# 2130
Delta R.T. 0.00 min
Lab File: VU027764.D
Acq: 23 Oct 2018 15:45

Tgt Ion: 69 Resp: 7053
Ion Ratio Lower Upper
69 100
41 81.7 39.1 117.2



Abundance Ion 69.00 (68.70 to 69.70): VU0
Ion 41.00 (40.70 to 41.70): VU0





#49

Toluene

Concen: 1.820 ug/l

RT: 7.64 min Scan# 2011

Delta R.T. 0.00 min

Lab File: VU027764.D

Acq: 23 Oct 2018 15:45

Instrument :

MSVOA_U

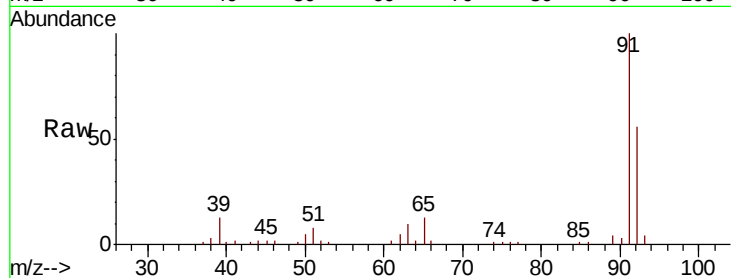
ClientSampleId :

Tot Ion: 92 Resp: 15140

Ion Ratio Lower Upper

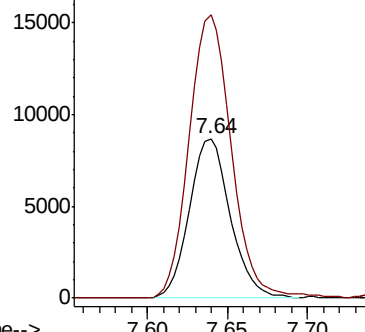
92 100

91 184.2 141.8 212.8

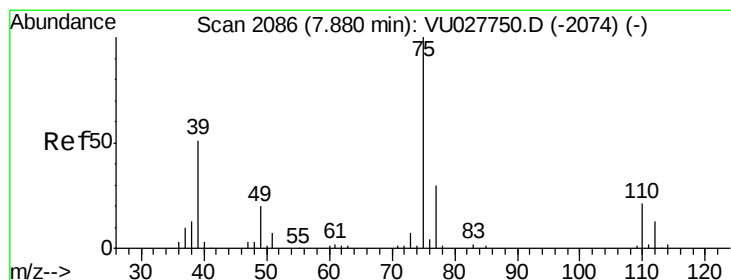
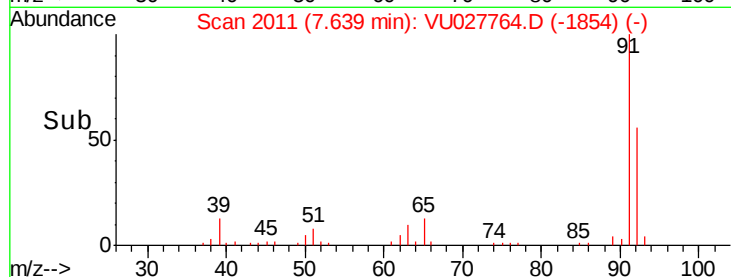


Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0



Time-->



#50

t-1,3-Dichloropropene

Concen: 1.770 ug/l

RT: 7.88 min Scan# 2087

Delta R.T. 0.00 min

Lab File: VU027764.D

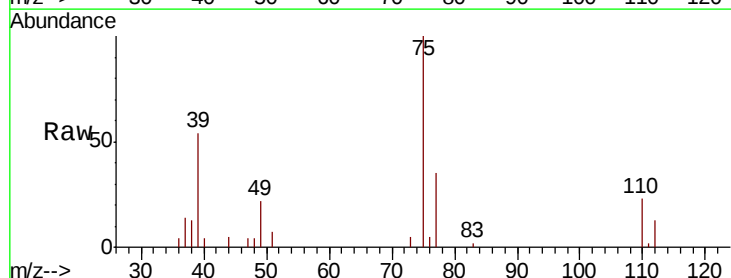
Acq: 23 Oct 2018 15:45

Tgt Ion: 75 Resp: 8573

Ion Ratio Lower Upper

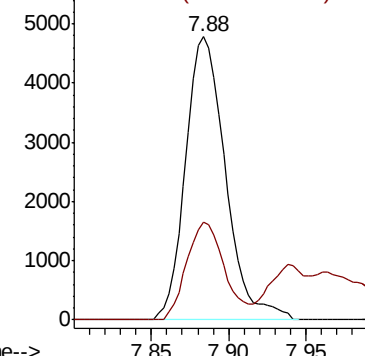
75 100

77 34.7 24.1 36.1

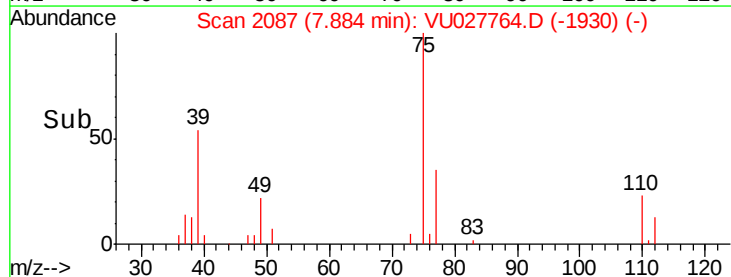


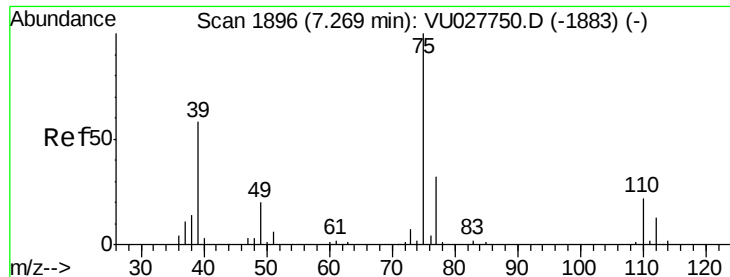
Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



Time-->



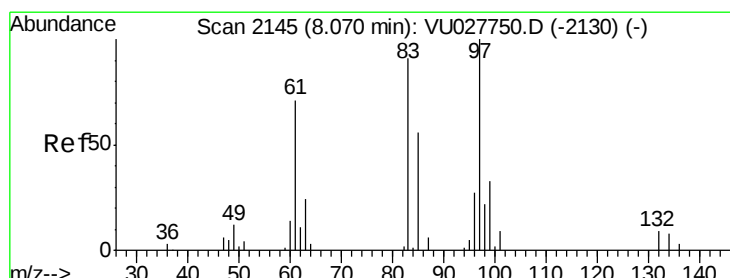
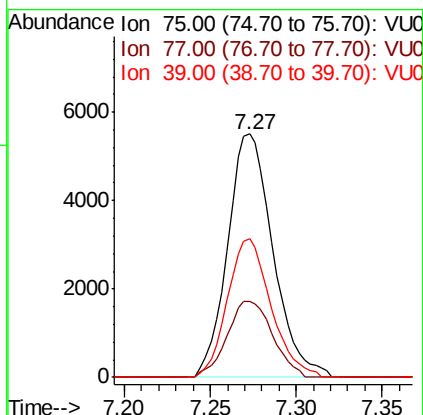
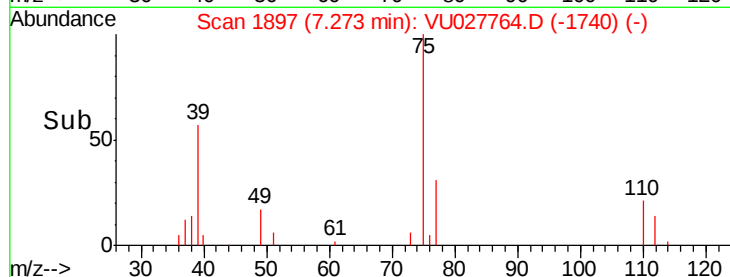
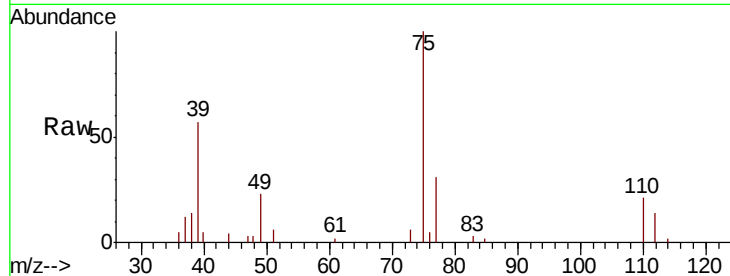


#51

cis-1,3-Dichloropropene
Concen: 1.767 ug/l
RT: 7.27 min Scan# 1897
Delta R.T. 0.00 min
Lab File: VU027764.D
Acq: 23 Oct 2018 15:45

Instrument :
MSVOA_U
ClientSampleId :

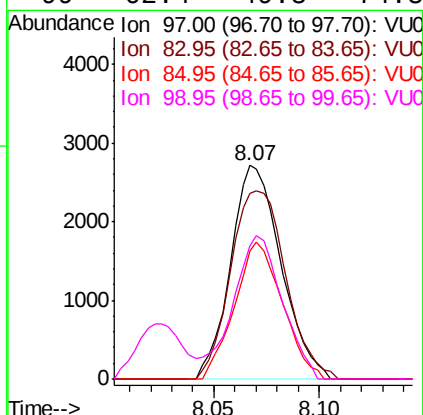
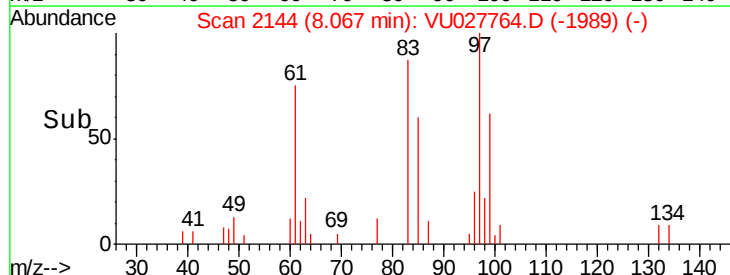
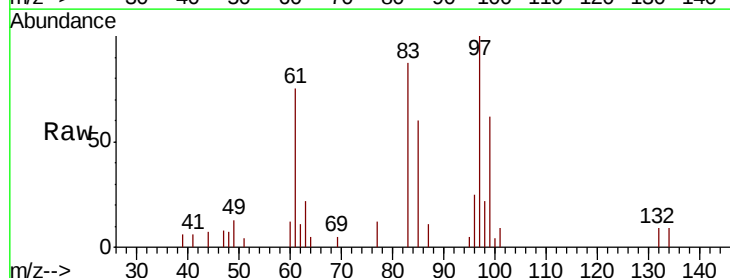
Tot Ion: 75 Resp: 10082
Ion Ratio Lower Upper
75 100
77 31.2 25.3 37.9
39 56.9 46.4 69.6

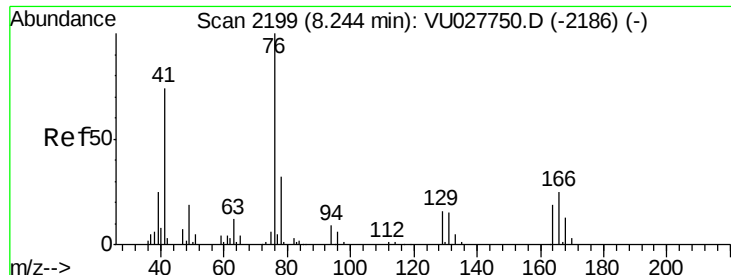


#52

1,1,2-Trichloroethane
Concen: 1.867 ug/l
RT: 8.07 min Scan# 2144
Delta R.T. -0.00 min
Lab File: VU027764.D
Acq: 23 Oct 2018 15:45

Tgt Ion: 97 Resp: 4514
Ion Ratio Lower Upper
97 100
83 86.8 73.0 109.6
85 59.7 46.5 69.7
99 62.4 49.8 74.8

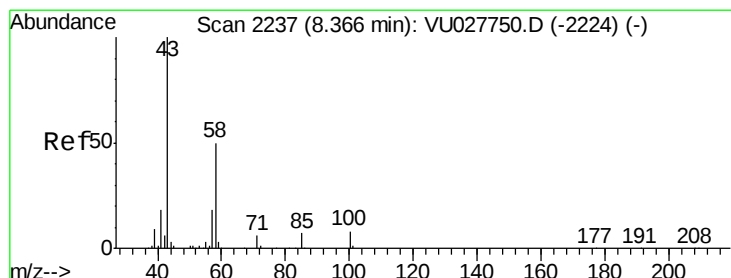
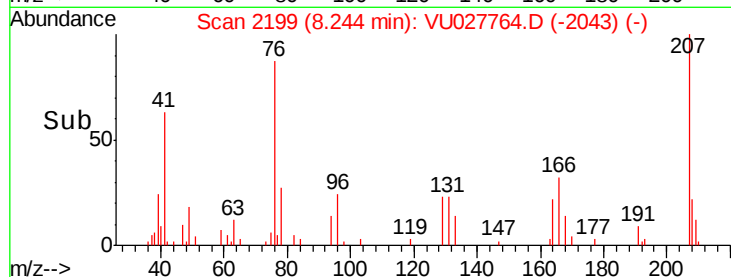
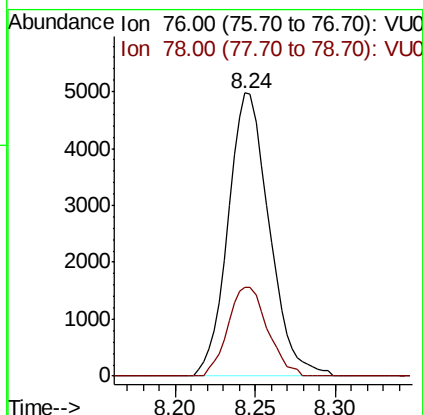
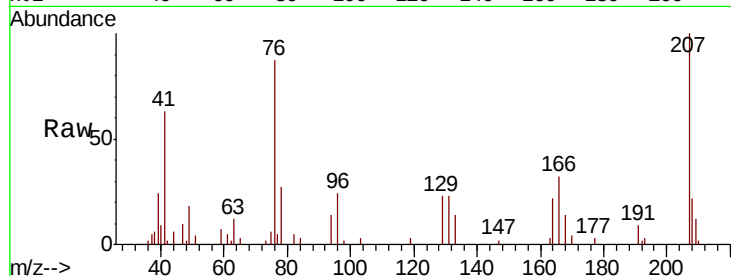




#53
 1,3-Dichloropropane
 Concen: 1.880 ug/l
 RT: 8.24 min Scan# 2199
 Delta R.T. 0.00 min
 Lab File: VU027764.D
 Acq: 23 Oct 2018 15:45

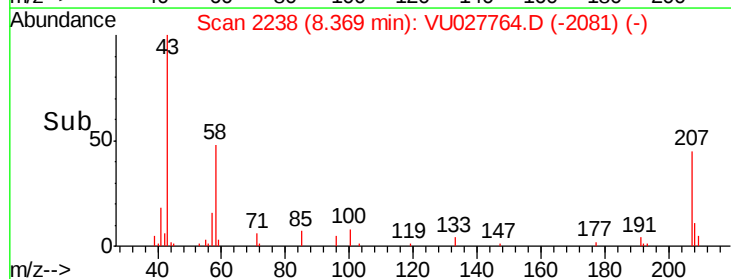
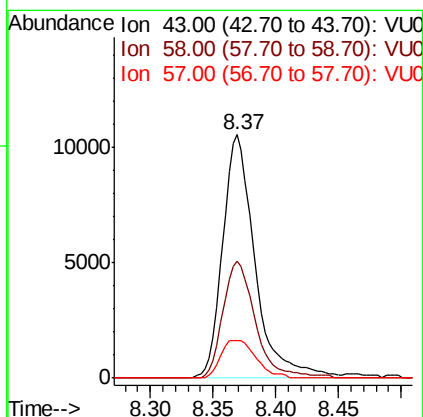
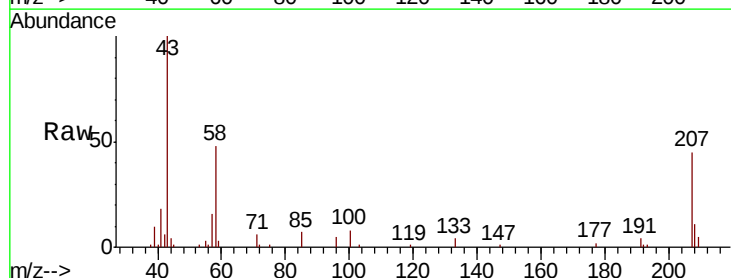
Instrument :
 MSVOA_U
 ClientSampled :

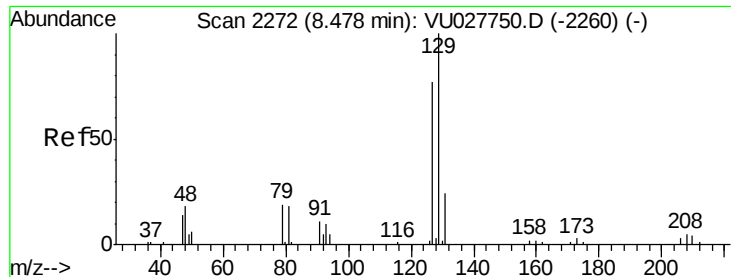
Tot Ion: 76 Resp: 8732
 Ion Ratio Lower Upper
 76 100
 78 30.2 25.4 38.0



#54
 2-Hexanone
 Concen: 9.134 ug/l
 RT: 8.37 min Scan# 2238
 Delta R.T. 0.00 min
 Lab File: VU027764.D
 Acq: 23 Oct 2018 15:45

Tgt Ion: 43 Resp: 18915
 Ion Ratio Lower Upper
 43 100
 58 47.7 30.0 70.0
 57 16.8 0.0 37.7





#55

Dibromochloromethane

Concen: 1.823 ug/l

RT: 8.48 min Scan# 2272

Delta R.T. 0.00 min

Lab File: VU027764.D

Acq: 23 Oct 2018 15:45

Instrument :

MSVOA_U

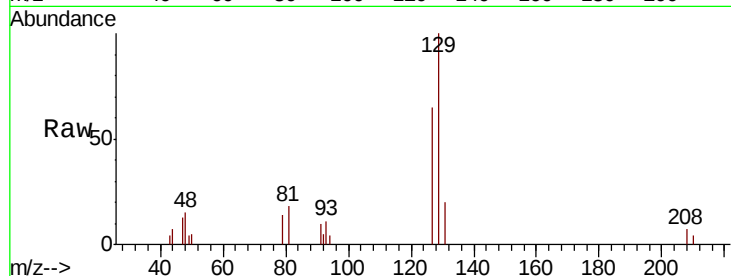
ClientSampleId :

Tot Ion:129 Resp: 5542

Ion Ratio Lower Upper

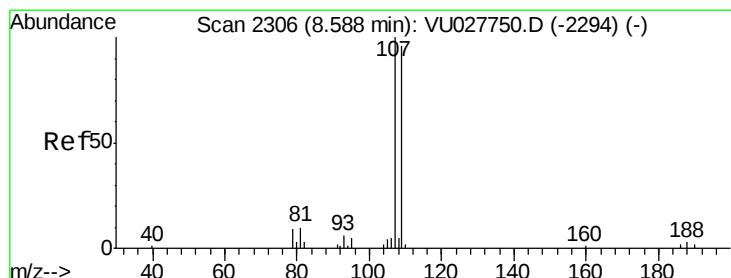
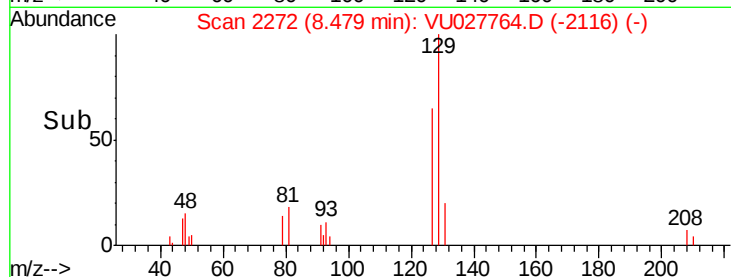
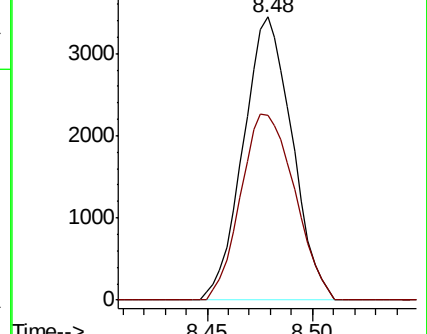
129 100

127 72.6 61.9 92.9



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#56

1,2-Dibromoethane

Concen: 1.841 ug/l

RT: 8.59 min Scan# 2307

Delta R.T. 0.00 min

Lab File: VU027764.D

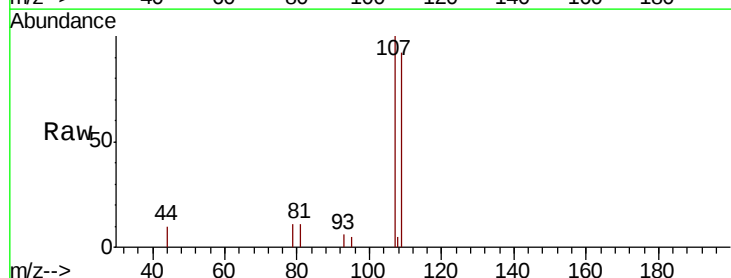
Acq: 23 Oct 2018 15:45

Tgt Ion:107 Resp: 4371

Ion Ratio Lower Upper

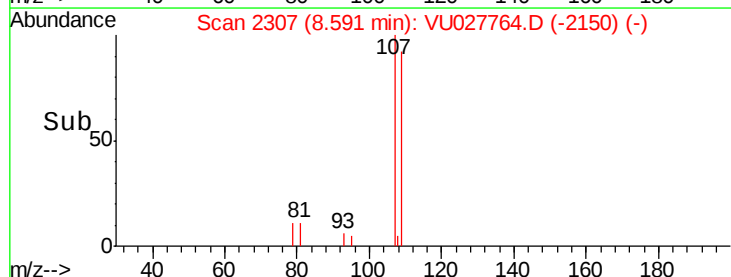
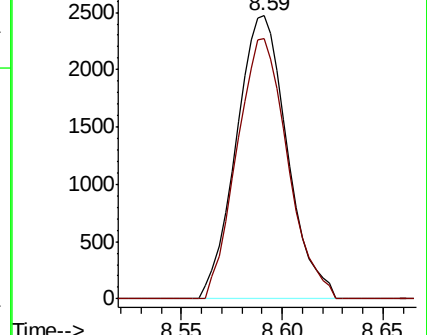
107 100

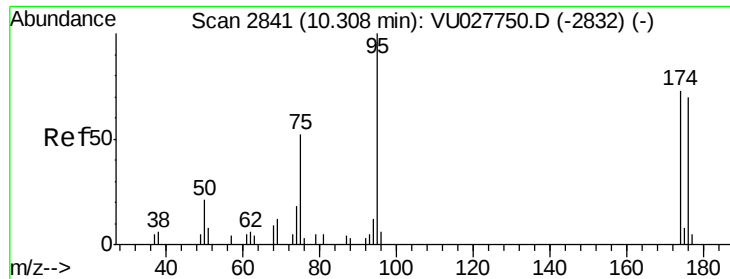
109 91.3 0.0 188.4



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

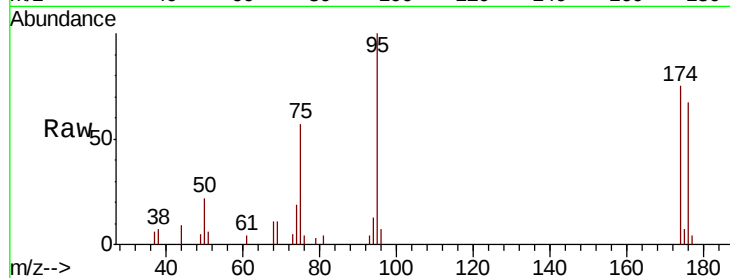




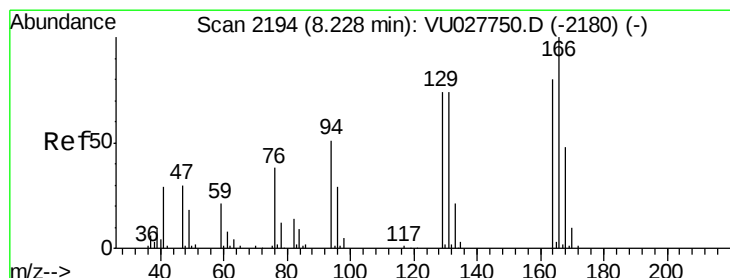
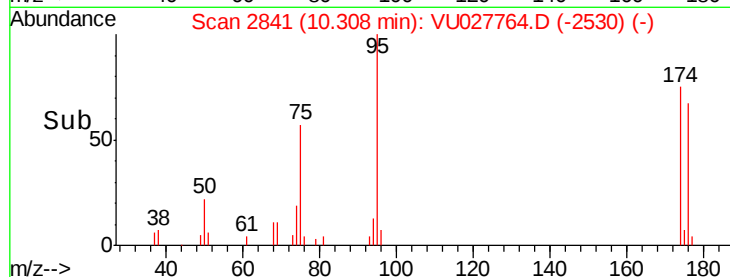
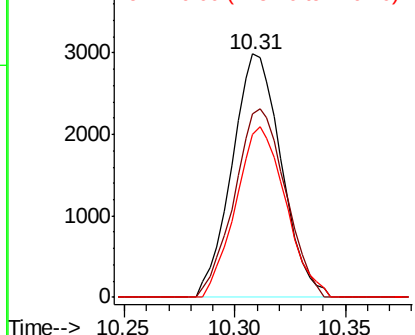
#57
4-Bromofluorobenzene
Concen: 1.841 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VU027764.D
Acq: 23 Oct 2018 15:45

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 95 Resp: 4643
Ion Ratio Lower Upper
95 100
174 80.4 64.5 96.7
176 70.8 58.3 87.5

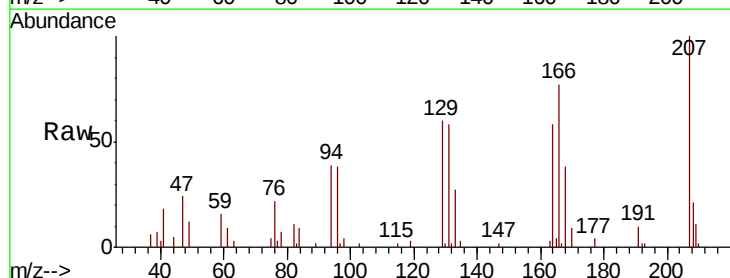


Abundance Ion 95.00 (94.70 to 95.70): VU027750.D (-2832) (-)
Ion 174.00 (173.70 to 174.70): VU027750.D (-2832) (-)
Ion 176.00 (175.70 to 176.70): VU027750.D (-2832) (-)

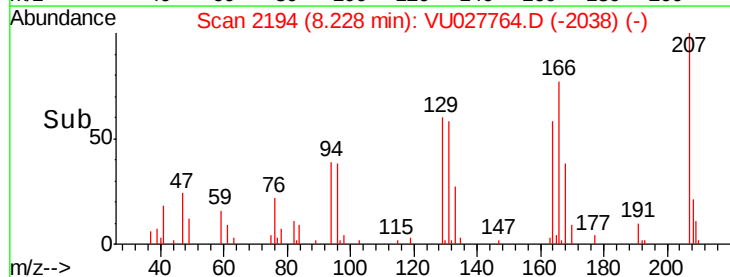
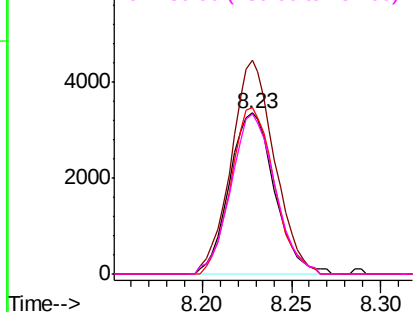


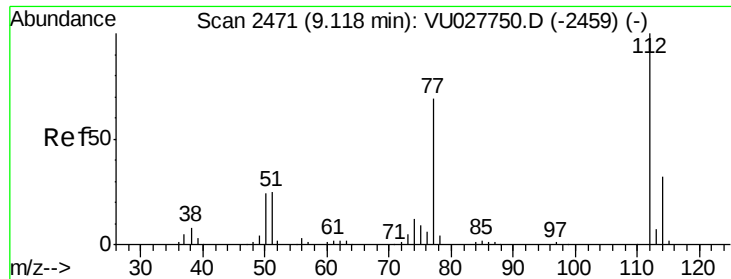
#58
Tetrachloroethene
Concen: 1.811 ug/l
RT: 8.23 min Scan# 2194
Delta R.T. 0.00 min
Lab File: VU027764.D
Acq: 23 Oct 2018 15:45

Tgt Ion: 164 Resp: 5910
Ion Ratio Lower Upper
164 100
166 132.8 100.2 150.4
129 103.4 73.7 110.5
131 99.5 73.8 110.6



Abundance Ion 163.85 (163.55 to 164.55): VU027750.D (-2180) (-)
Ion 165.80 (165.50 to 166.50): VU027750.D (-2180) (-)
Ion 128.90 (128.60 to 129.60): VU027750.D (-2180) (-)
Ion 130.90 (130.60 to 131.60): VU027750.D (-2180) (-)





#59

Chlorobenzene

Concen: 1.916 ug/l

RT: 9.12 min Scan# 2472

Delta R.T. 0.00 min

Lab File: VU027764.D

Acq: 23 Oct 2018 15:45

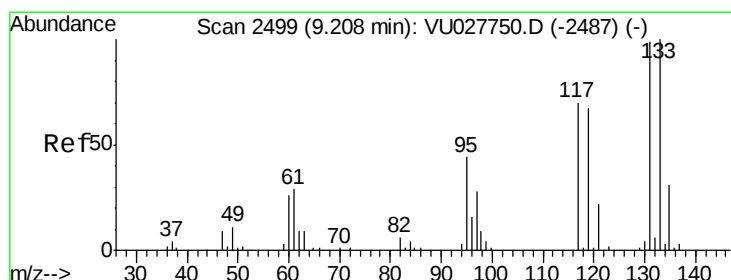
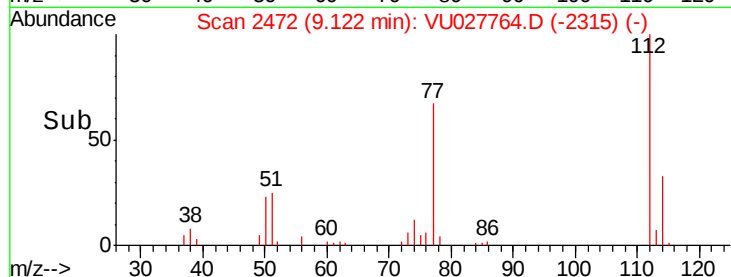
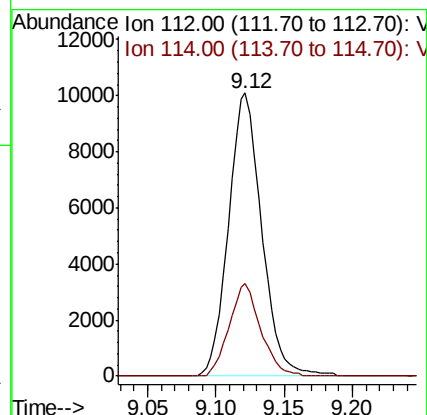
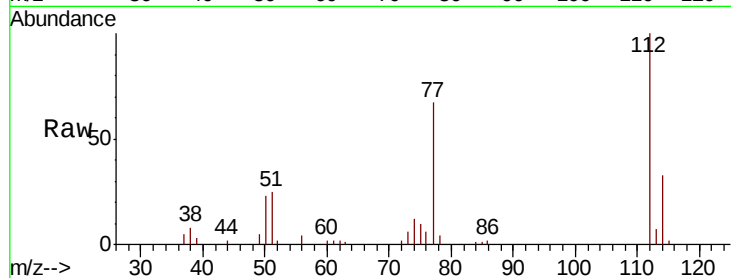
Instrument :
MSVOA_U
ClientSampled :

Tot Ion:112 Resp: 17087

Ion Ratio Lower Upper

112 100

114 32.5 25.4 38.0



#60

1,1,1,2-Tetrachloroethane

Concen: 1.863 ug/l

RT: 9.21 min Scan# 2499

Delta R.T. 0.00 min

Lab File: VU027764.D

Acq: 23 Oct 2018 15:45

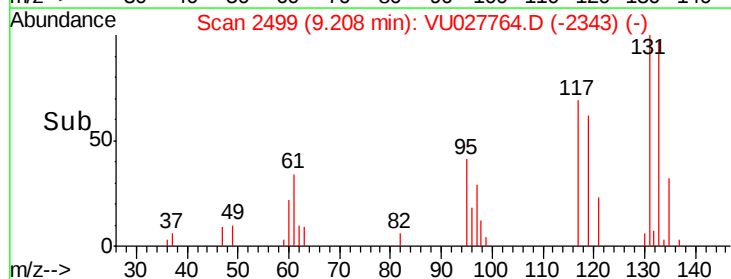
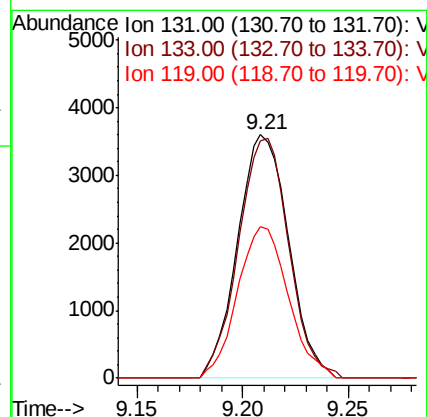
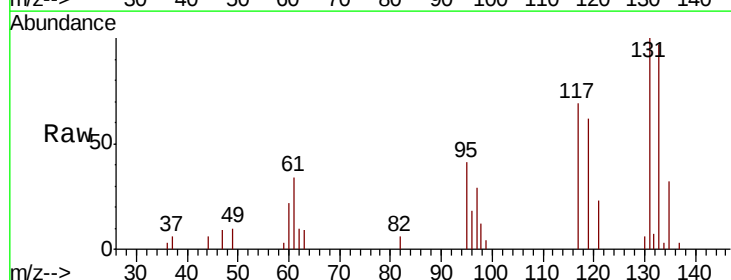
Tgt Ion:131 Resp: 6039

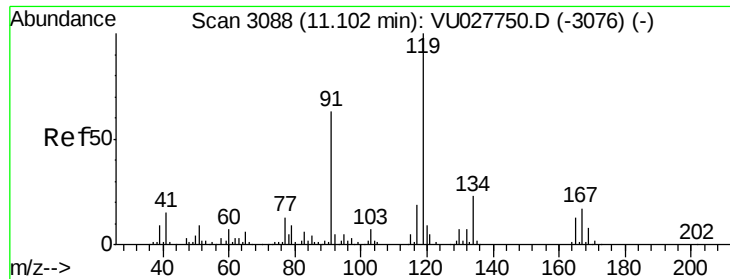
Ion Ratio Lower Upper

131 100

133 97.3 77.5 116.3

119 62.0 52.0 78.0

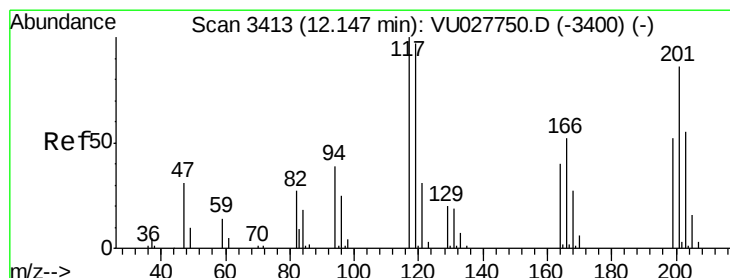
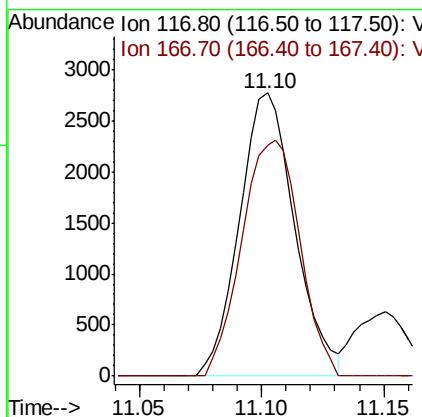
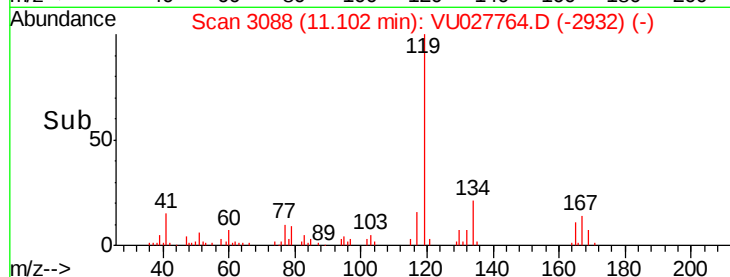
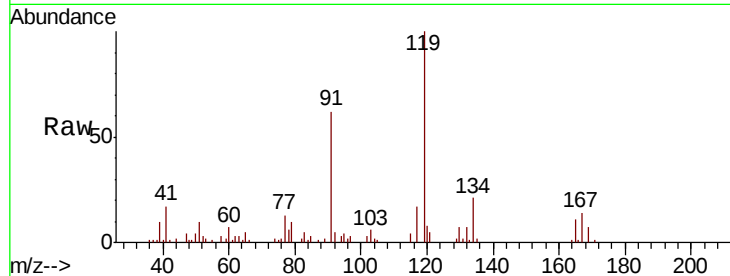




#61
 Pentachloroethane
 Concen: 1.802 ug/l
 RT: 11.10 min Scan# 3088
 Delta R.T. 0.00 min
 Lab File: VU027764.D
 Acq: 23 Oct 2018 15:45

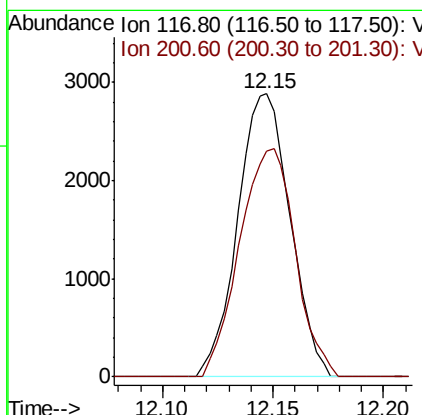
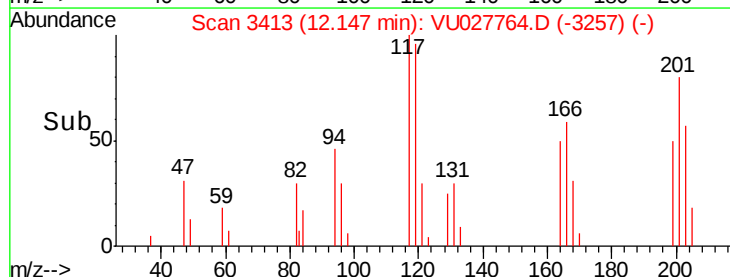
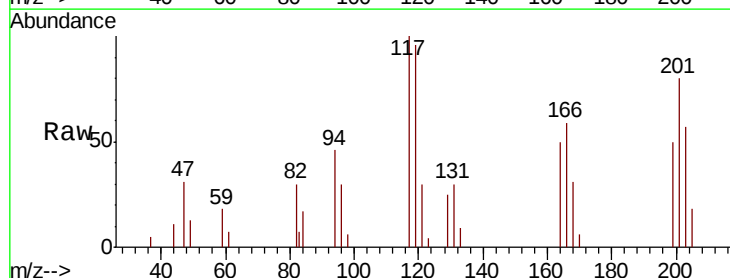
Instrument :
 MSVOA_U
 ClientSampled :

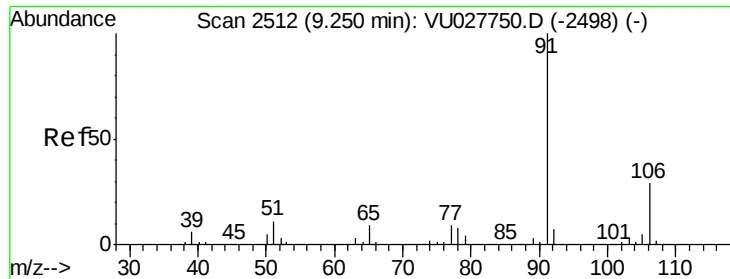
Tot Ion:117 Resp: 4357
 Ion Ratio Lower Upper
 117 100
 167 87.2 70.1 105.1



#62
 Hexachloroethane
 Concen: 1.791 ug/l
 RT: 12.15 min Scan# 3413
 Delta R.T. 0.00 min
 Lab File: VU027764.D
 Acq: 23 Oct 2018 15:45

Tgt Ion:117 Resp: 4756
 Ion Ratio Lower Upper
 117 100
 201 85.3 66.0 99.0

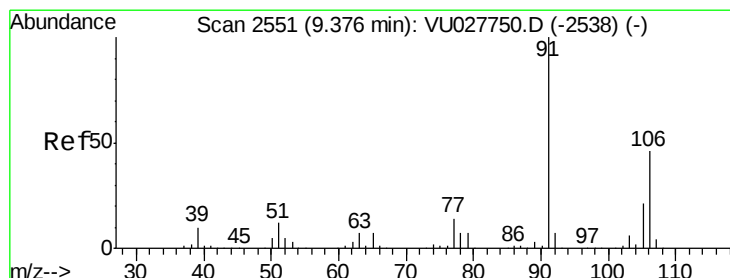
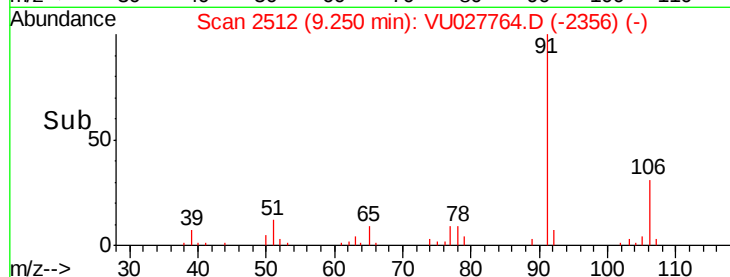
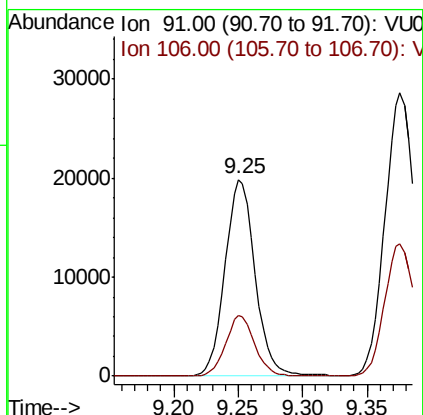
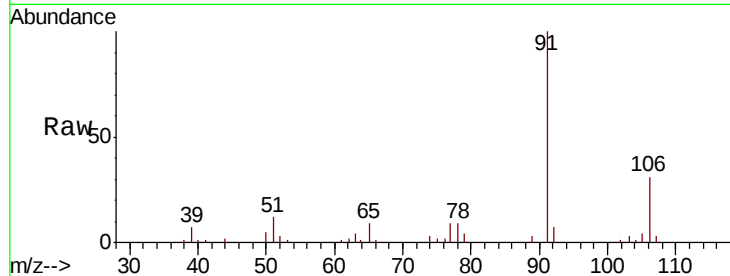




#63
Ethyl Benzene
Concen: 1.906 ug/l
RT: 9.25 min Scan# 2512
Delta R.T. 0.00 min
Lab File: VU027764.D
Acq: 23 Oct 2018 15:45

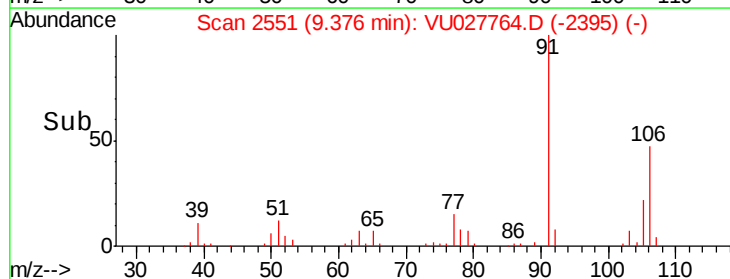
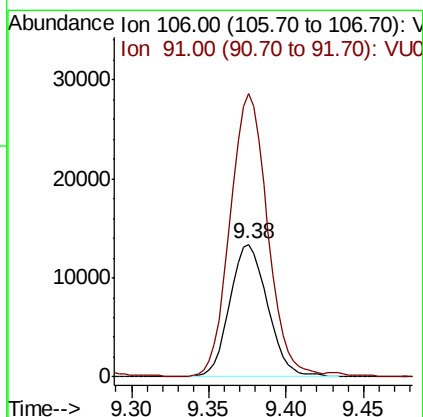
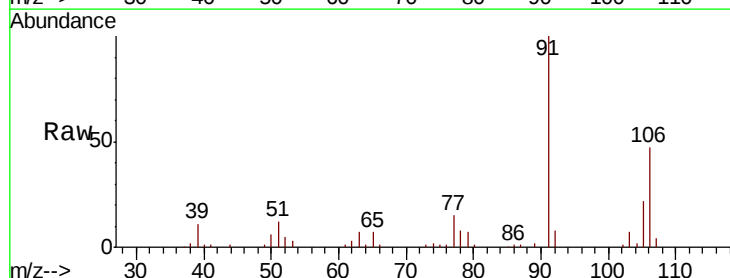
Instrument :
MSVOA_U
ClientSampleId :

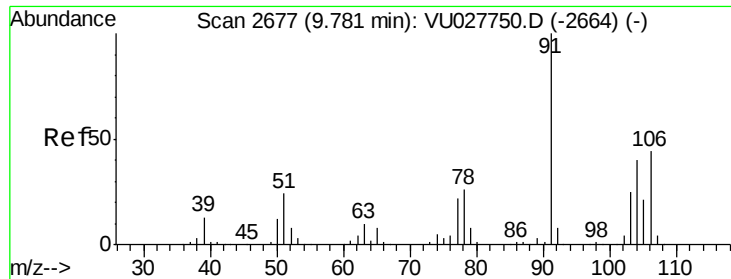
Tot Ion: 91 Resp: 32200
Ion Ratio Lower Upper
91 100
106 31.2 23.5 35.3



#64
m/p-Xylenes
Concen: 3.762 ug/l
RT: 9.38 min Scan# 2551
Delta R.T. 0.00 min
Lab File: VU027764.D
Acq: 23 Oct 2018 15:45

Tgt Ion: 106 Resp: 22670
Ion Ratio Lower Upper
106 100
91 211.9 173.3 259.9

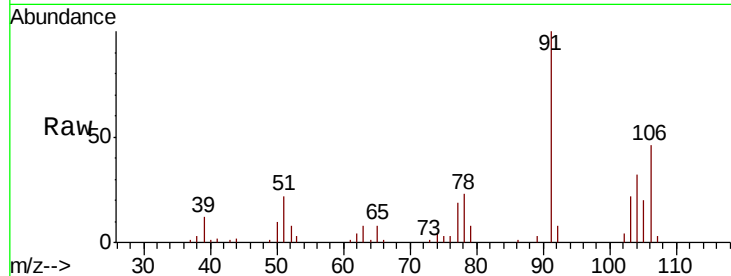




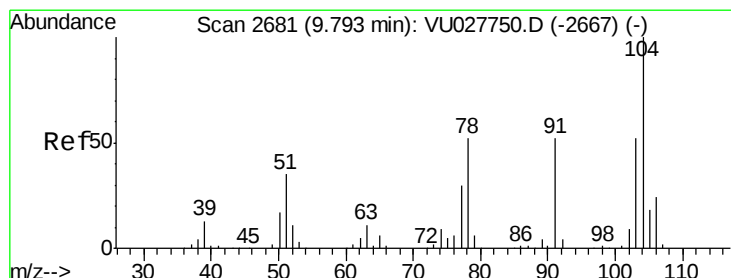
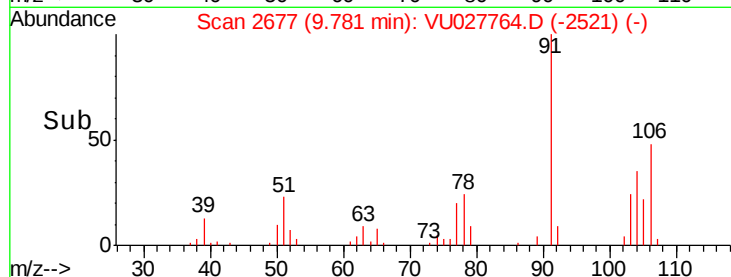
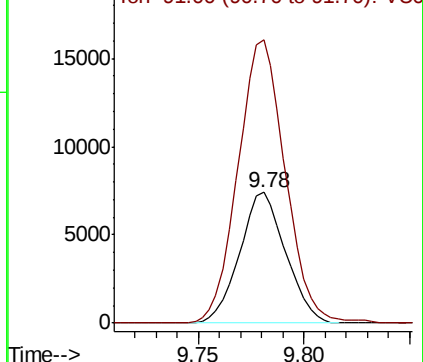
#65
o-Xylene
Concen: 1.875 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VU027764.D
Acq: 23 Oct 2018 15:45

Instrument :
MSVOA_U
ClientSampled :

Tot Ion:106 Resp: 11206
Ion Ratio Lower Upper
106 100
91 223.3 113.4 340.2

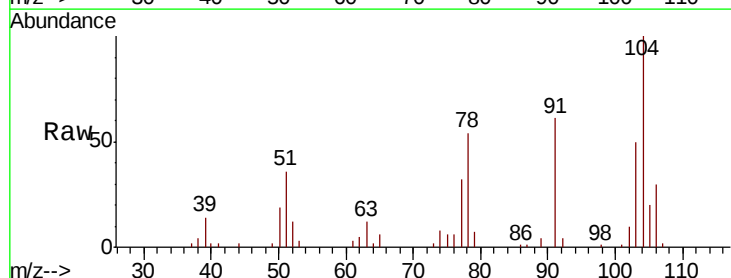


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

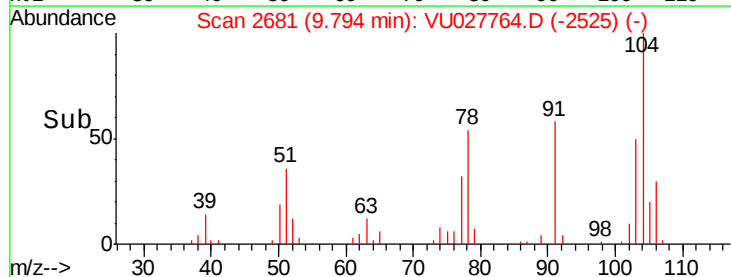
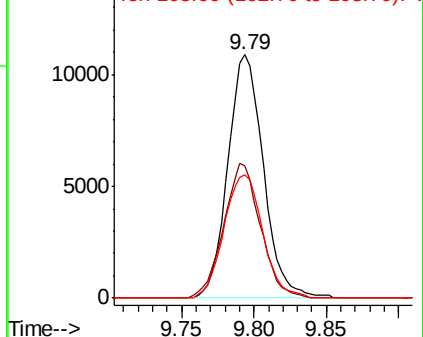


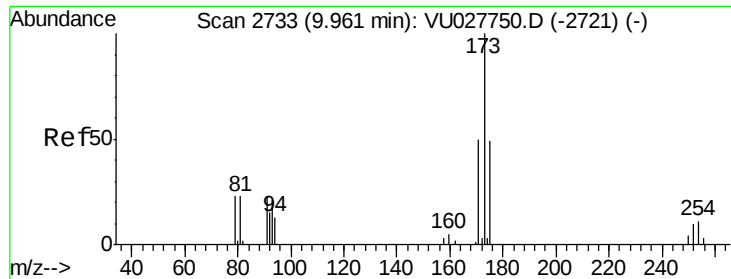
#66
Styrene
Concen: 1.882 ug/l
RT: 9.79 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU027764.D
Acq: 23 Oct 2018 15:45

Tgt Ion:104 Resp: 18558
Ion Ratio Lower Upper
104 100
78 57.1 45.2 67.8
103 54.8 44.8 67.2



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: 1.712 ug/l

RT: 9.96 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VU027764.D

Acq: 23 Oct 2018 15:45

Instrument :
MSVOA_U
ClientSampleId :

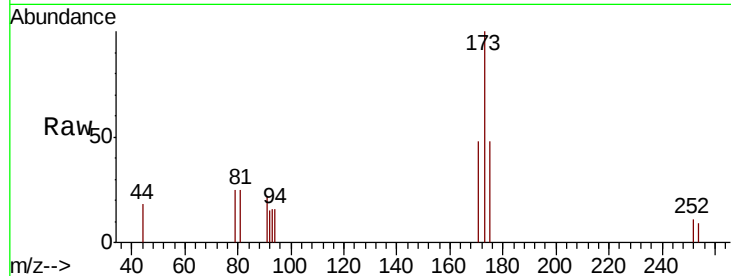
Tot Ion:173 Resp: 3012

Ion Ratio Lower Upper

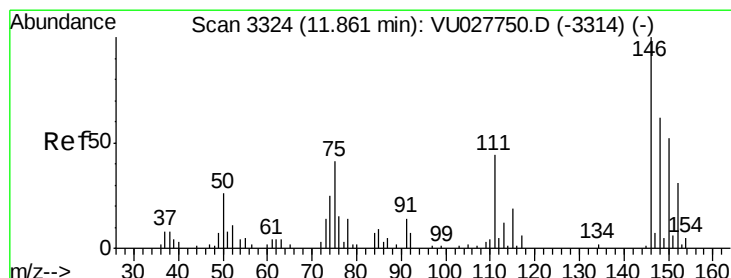
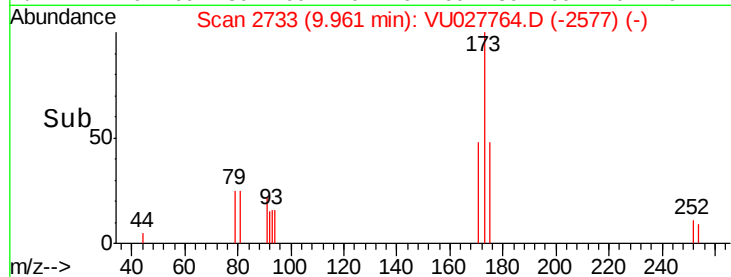
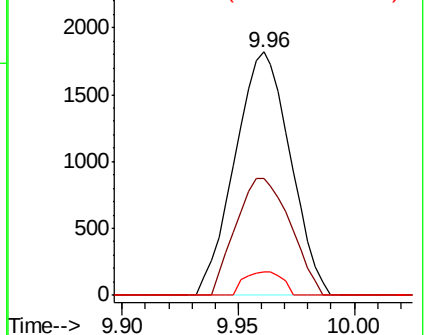
173 100

175 47.4 39.6 59.4

254 6.6 7.8 11.6#



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



#68

1,2-Dichlorobenzene-d4

Concen: 1.712 ug/l

RT: 11.86 min Scan# 3324

Delta R.T. 0.00 min

Lab File: VU027764.D

Acq: 23 Oct 2018 15:45

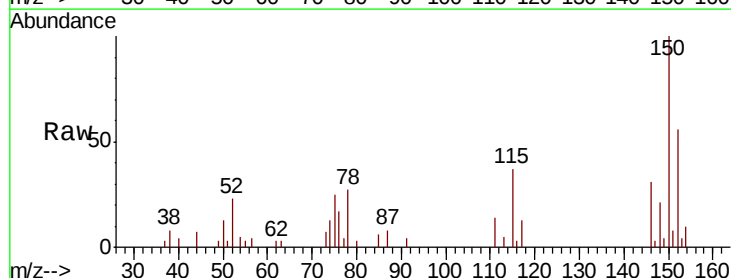
Tgt Ion:152 Resp: 4086

Ion Ratio Lower Upper

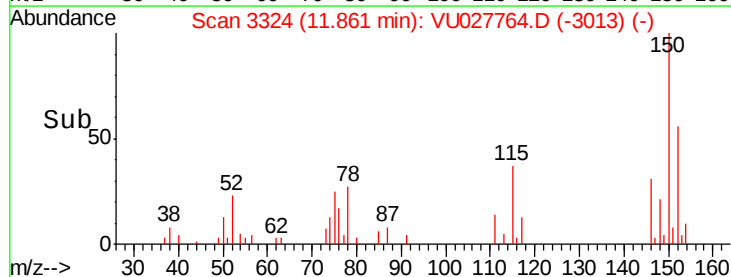
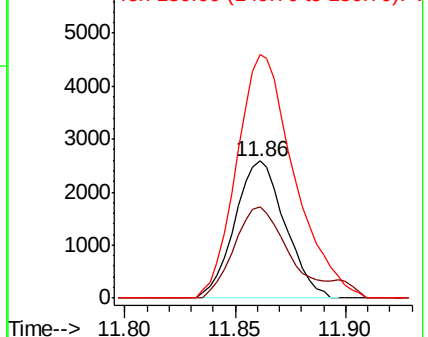
152 100

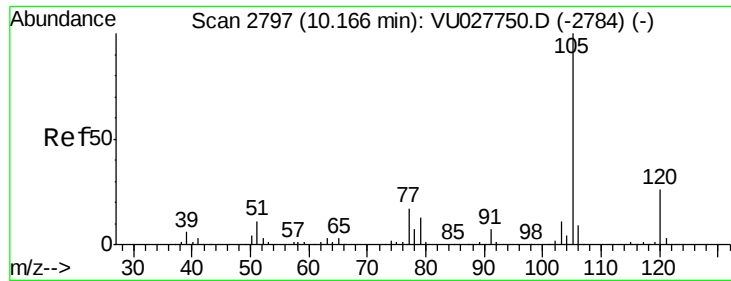
115 71.2 0.0 130.2

150 204.0 0.0 650.6



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





#69

Isopropylbenzene

Concen: 1.845 ug/l

RT: 10.17 min Scan# 2797

Delta R.T. 0.00 min

Lab File: VU027764.D

Acq: 23 Oct 2018 15:45

Instrument :

MSVOA_U

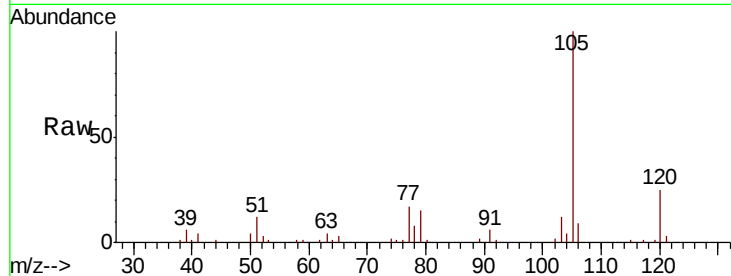
ClientSampleId :

Tot Ion: 105 Resp: 30187

Ion Ratio Lower Upper

105 100

120 24.5 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

20000

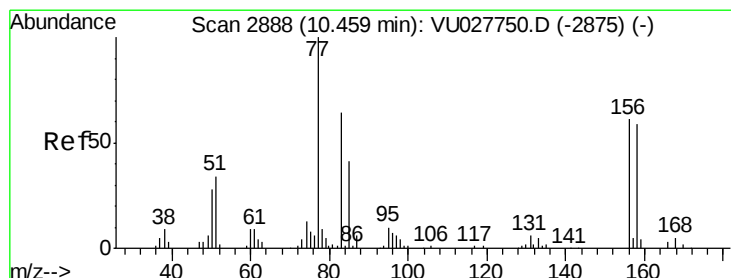
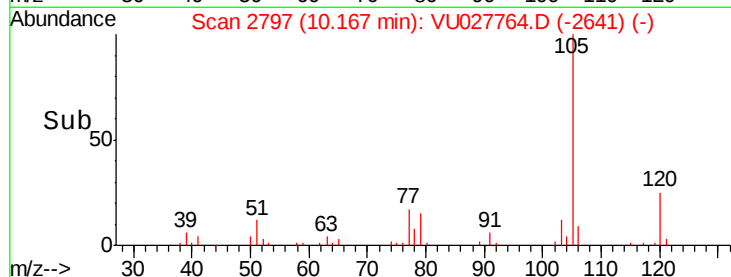
15000

10000

5000

0

Time--> 10.10 10.15 10.20 10.25



#70

1,1,2,2-Tetrachloroethane

Concen: 1.810 ug/l

RT: 10.46 min Scan# 2888

Delta R.T. 0.00 min

Lab File: VU027764.D

Acq: 23 Oct 2018 15:45

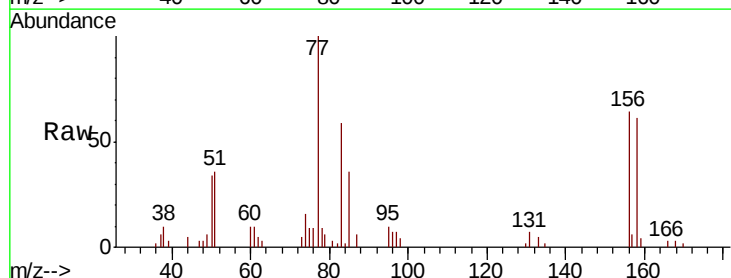
Tgt Ion: 83 Resp: 5817

Ion Ratio Lower Upper

83 100

131 10.1 7.7 11.5

85 61.5 51.2 76.8



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VU0

5000

4000

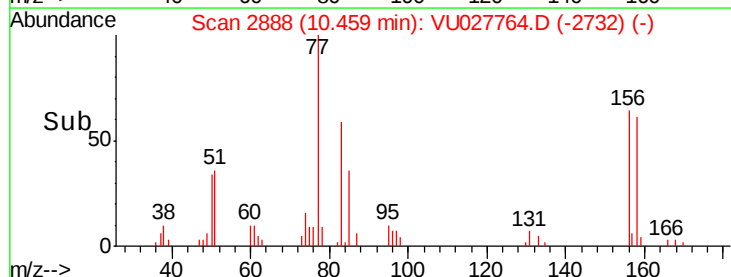
3000

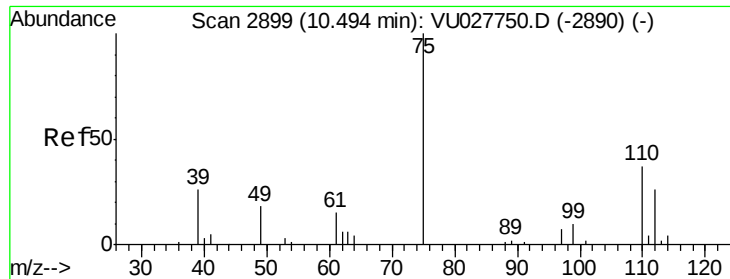
2000

1000

0

Time--> 10.40 10.45 10.50

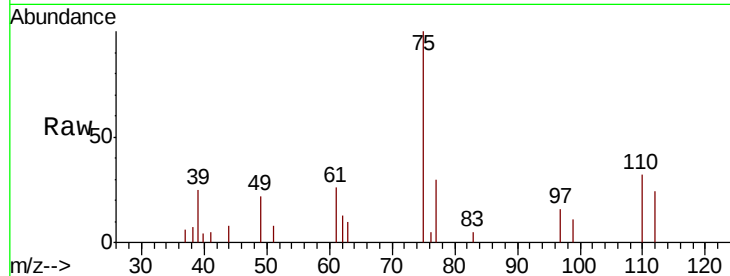




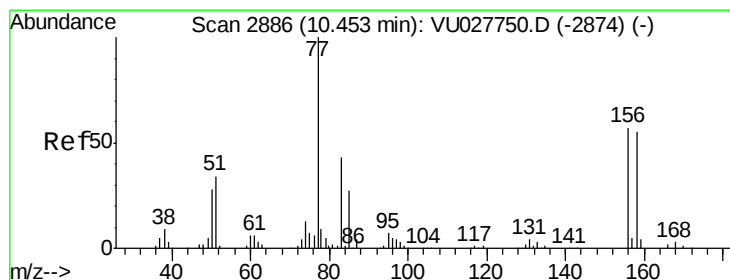
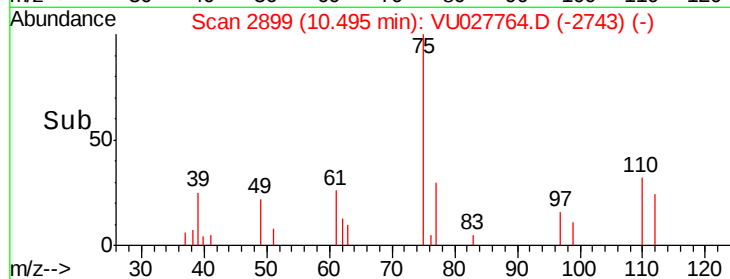
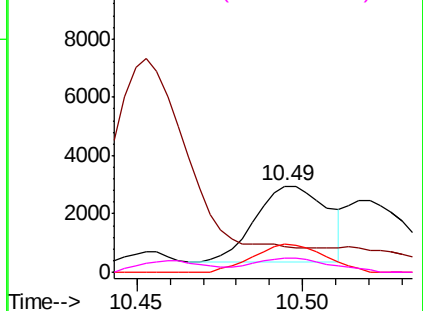
#71
1,2,3-Trichloropropane
Concen: 1.600 ug/l
RT: 10.49 min Scan# 2899
Delta R.T. 0.00 min
Lab File: VU027764.D
Acq: 23 Oct 2018 15:45

Instrument :
MSVOA_U
ClientSampled :

Tot Ion:	75	Resp:	3997
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0
110	35.9	0.0	68.2
97	19.5	0.0	35.2

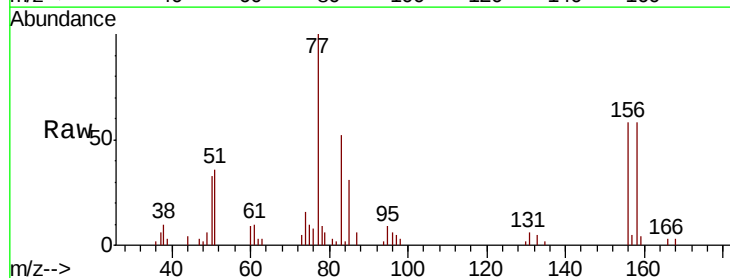


Abundance Ion 75.00 (74.70 to 75.70): VU027750.D (-2890) (-)
Ion 77.00 (76.70 to 77.70): VU027750.D (-2890) (-)
Ion 110.00 (109.70 to 110.70): VU027750.D (-2890) (-)
Ion 97.00 (96.70 to 97.70): VU027750.D (-2890) (-)

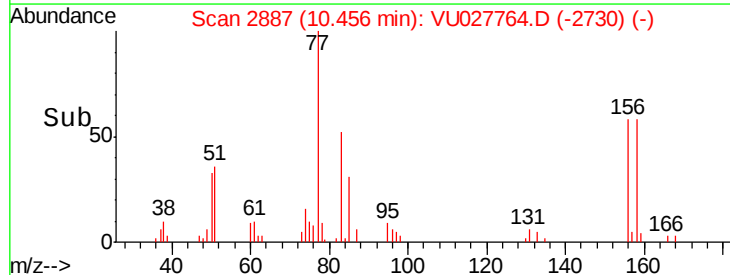
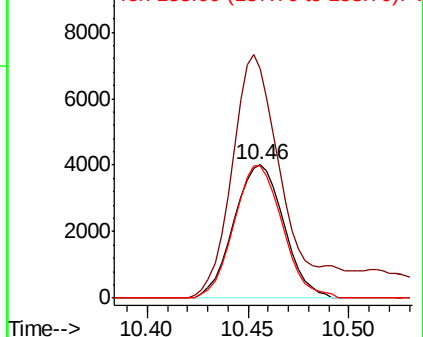


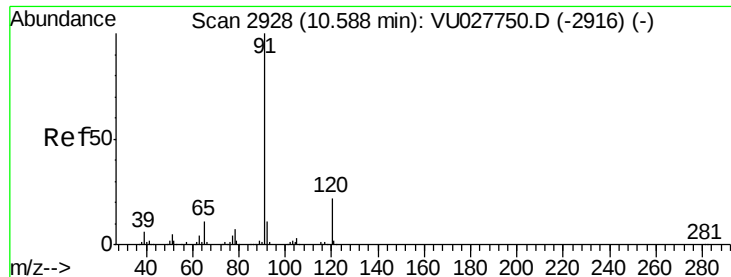
#72
Bromobenzene
Concen: 1.909 ug/l
RT: 10.46 min Scan# 2887
Delta R.T. 0.00 min
Lab File: VU027764.D
Acq: 23 Oct 2018 15:45

Tgt Ion:	156	Resp:	6957
Ion	Ratio	Lower	Upper
156	100		
77	187.3	0.0	349.4
158	96.4	0.0	191.4



Abundance Ion 156.00 (155.70 to 156.70): VU027750.D (-2874) (-)
Ion 77.00 (76.70 to 77.70): VU027750.D (-2874) (-)
Ion 158.00 (157.70 to 158.70): VU027750.D (-2874) (-)





#73

n-propylbenzene

Concen: 1.918 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. 0.00 min

Lab File: VU027764.D

Acq: 23 Oct 2018 15:45

Instrument :

MSVOA_U

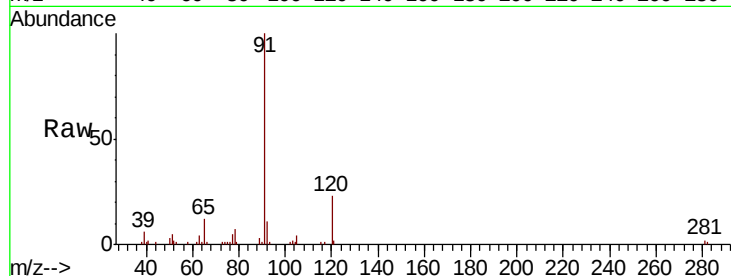
ClientSampleId :

Tot Ion:120 Resp: 8093

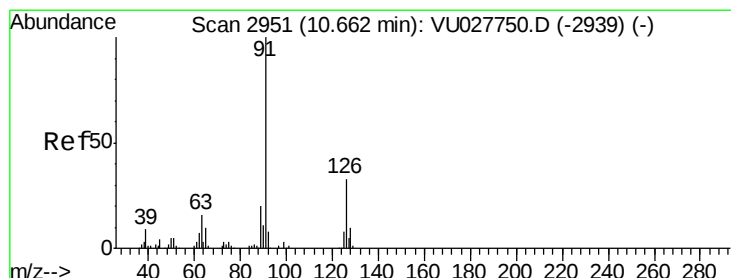
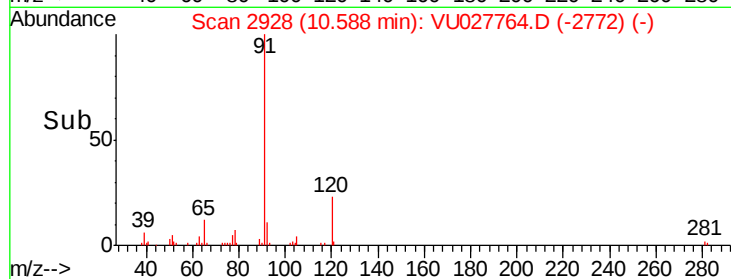
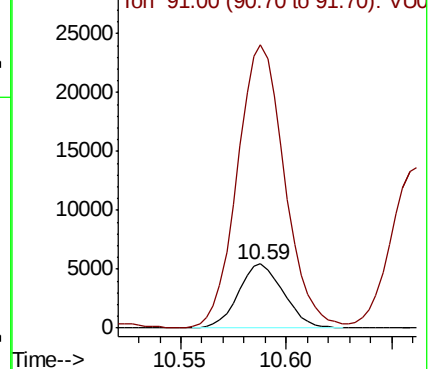
Ion Ratio Lower Upper

120 100

91 464.4 369.0 553.6



Abundance Ion 120.00 (119.70 to 120.70): V



#74

2-Chlorotoluene

Concen: 1.853 ug/l

RT: 10.66 min Scan# 2951

Delta R.T. 0.00 min

Lab File: VU027764.D

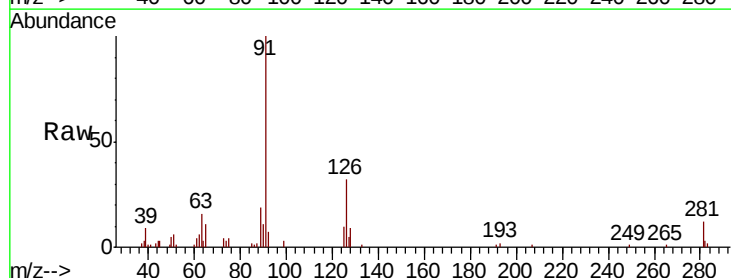
Acq: 23 Oct 2018 15:45

Tgt Ion:126 Resp: 6694

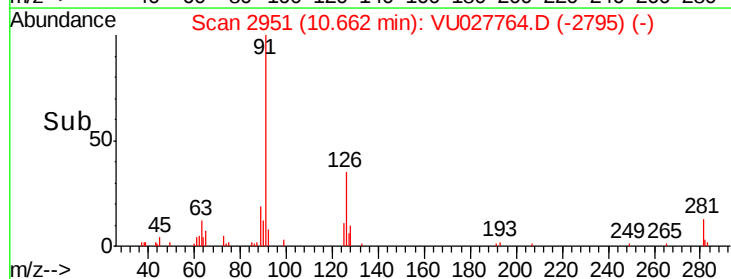
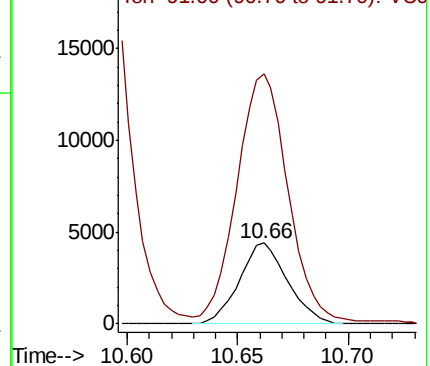
Ion Ratio Lower Upper

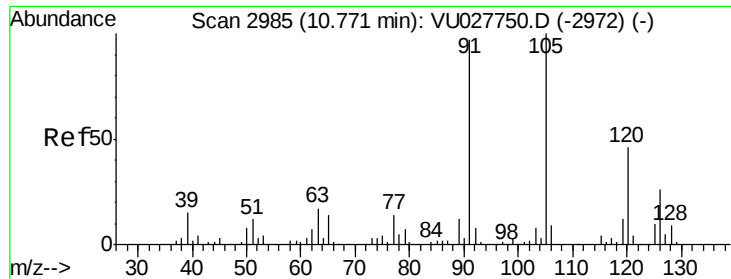
126 100

91 324.4 0.0 628.8



Abundance Ion 126.00 (125.70 to 126.70): V





#75

1,3,5-Trimethylbenzene

Concen: 1.869 ug/l

RT: 10.77 min Scan# 2986

Delta R.T. 0.00 min

Lab File: VU027764.D

Acq: 23 Oct 2018 15:45

Instrument :

MSVOA_U

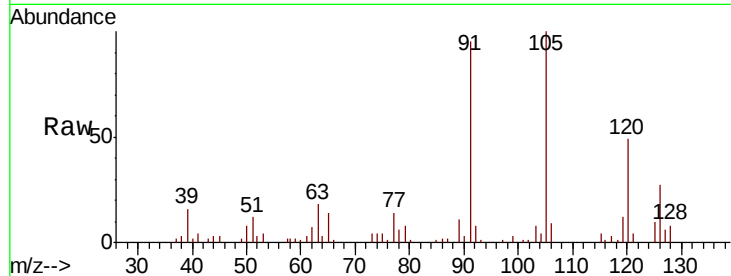
ClientSampled :

Tot Ion:105 Resp: 25515

Ion Ratio Lower Upper

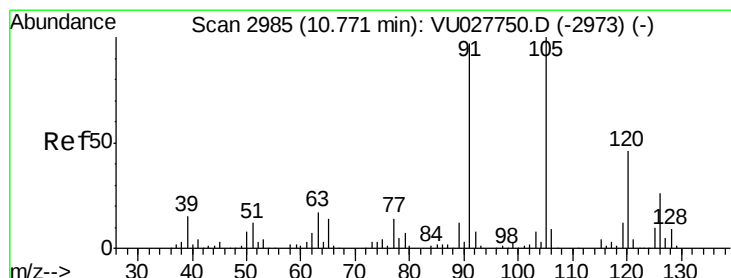
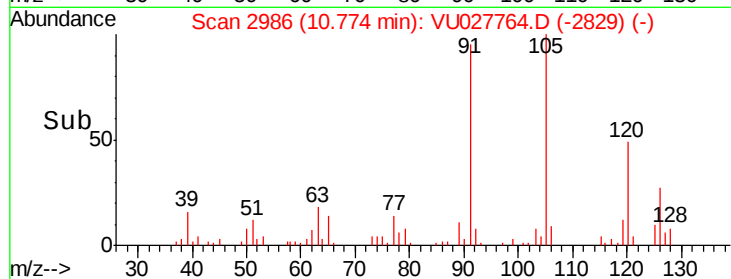
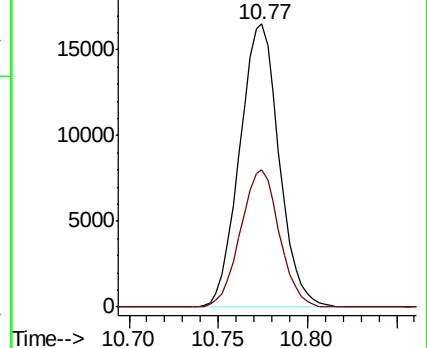
105 100

120 47.8 37.2 55.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#76

4-Chlorotoluene

Concen: 1.972 ug/l

RT: 10.77 min Scan# 2985

Delta R.T. 0.00 min

Lab File: VU027764.D

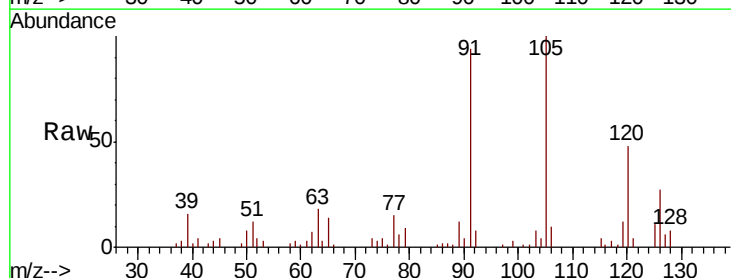
Acq: 23 Oct 2018 15:45

Tgt Ion:126 Resp: 7219

Ion Ratio Lower Upper

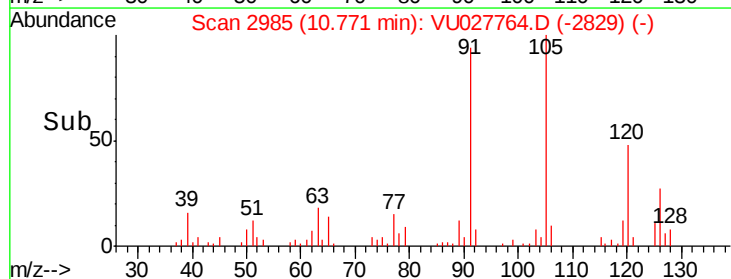
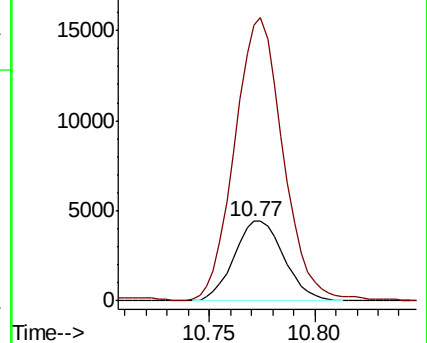
126 100

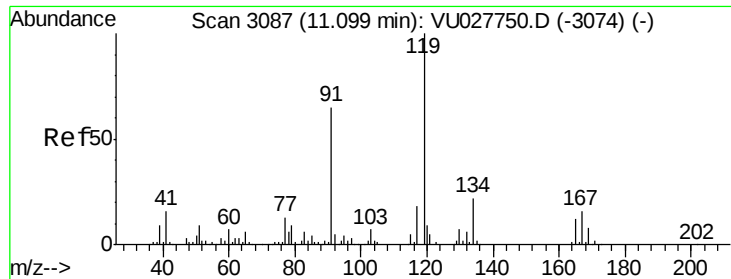
91 348.7 0.0 734.4



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0





#77

tert-Butylbenzene

Concen: 1.885 ug/l

RT: 11.10 min Scan# 3087

Delta R.T. 0.00 min

Lab File: VU027764.D

Acq: 23 Oct 2018 15:45

Instrument :

MSVOA_U

ClientSampleId :

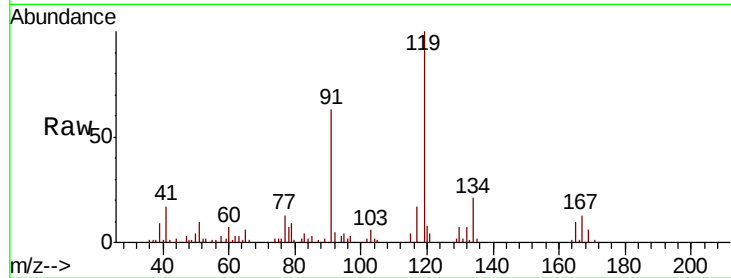
Tot Ion:119 Resp: 25311

Ion Ratio Lower Upper

119 100

91 63.2 31.8 95.4

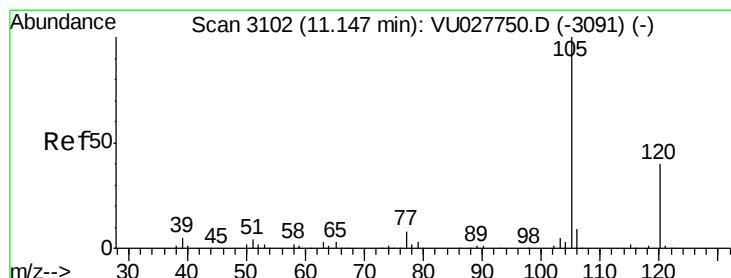
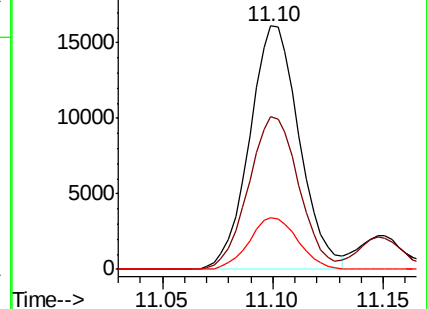
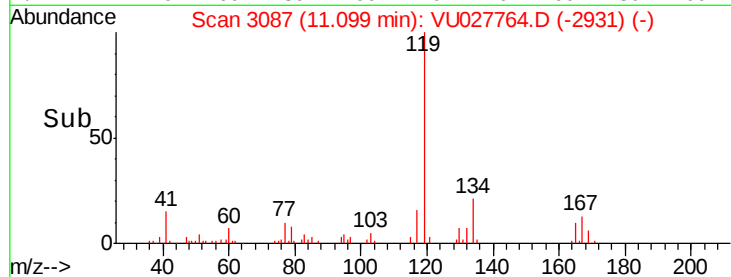
134 20.7 17.7 26.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#78

1,2,4-Trimethylbenzene

Concen: 1.920 ug/l

RT: 11.15 min Scan# 3103

Delta R.T. 0.00 min

Lab File: VU027764.D

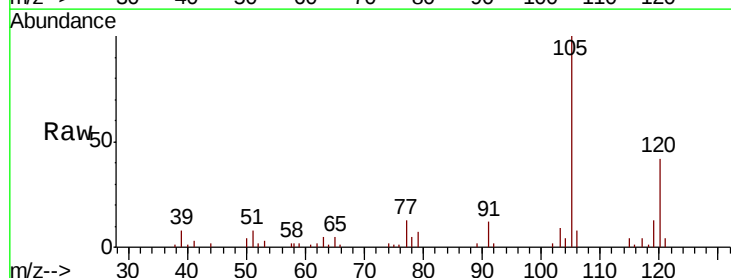
Acq: 23 Oct 2018 15:45

Tgt Ion:105 Resp: 26932

Ion Ratio Lower Upper

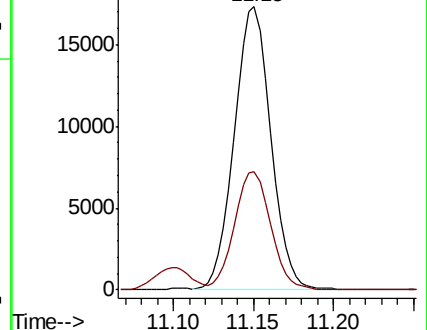
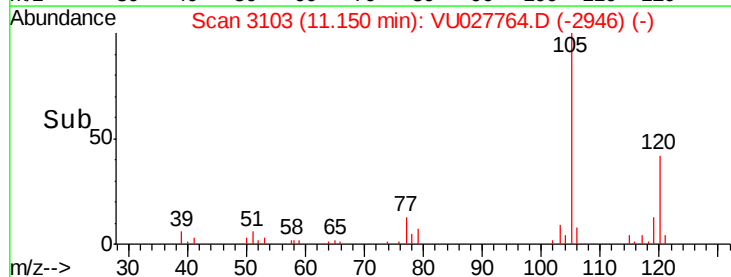
105 100

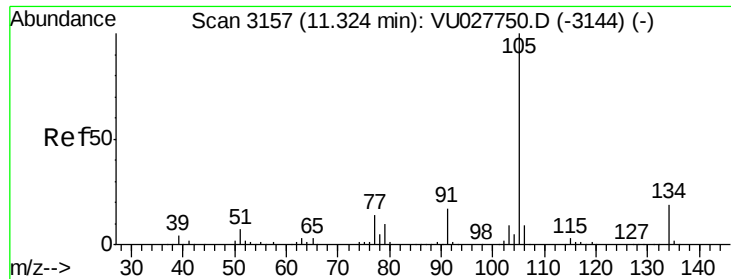
120 41.3 21.6 64.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#79

sec-Butylbenzene

Concen: 1.882 ug/l

RT: 11.32 min Scan# 3157

Delta R.T. 0.00 min

Lab File: VU027764.D

Acq: 23 Oct 2018 15:45

Instrument :

MSVOA_U

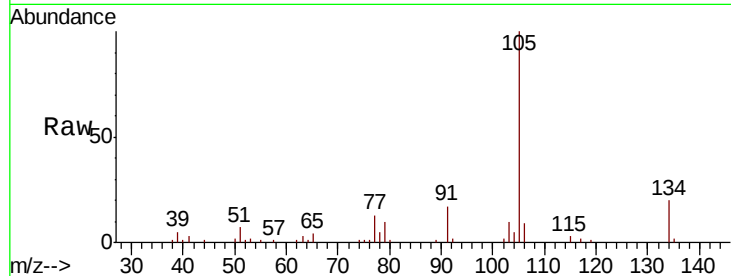
ClientSampleId :

Tot Ion: 105 Resp: 33456

Ion Ratio Lower Upper

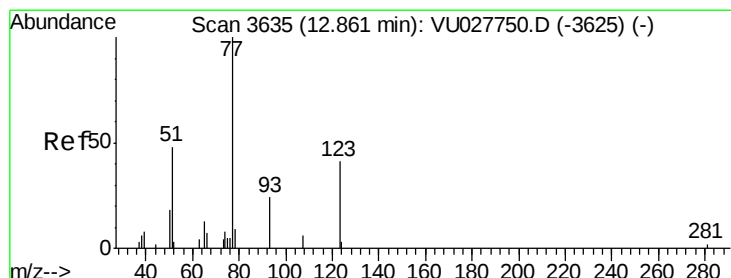
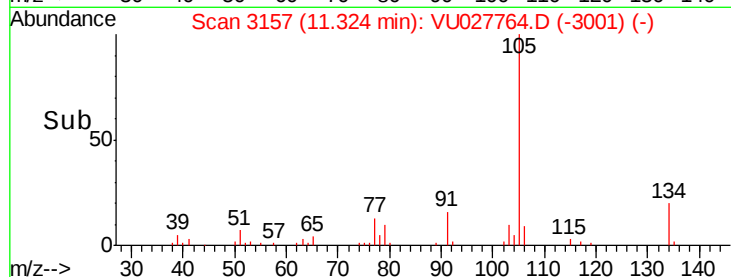
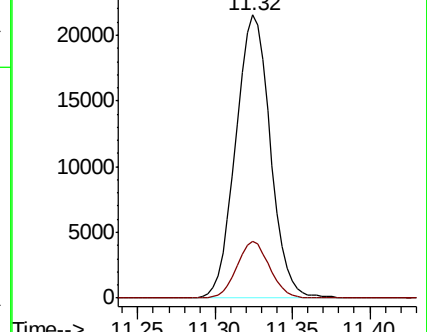
105 100

134 18.8 15.2 22.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#80

Nitrobenzene

Concen: 6.389 ug/l

RT: 12.86 min Scan# 3636

Delta R.T. 0.00 min

Lab File: VU027764.D

Acq: 23 Oct 2018 15:45

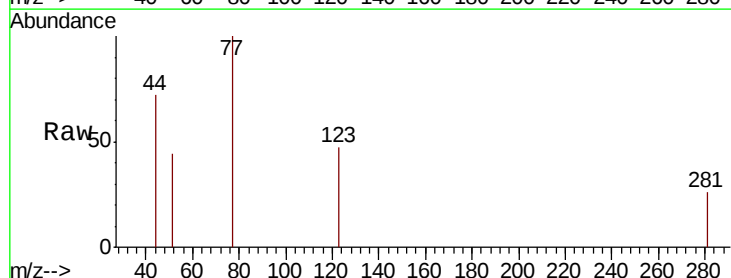
Tgt Ion: 77 Resp: 759

Ion Ratio Lower Upper

77 100

123 39.3 16.9 59.9

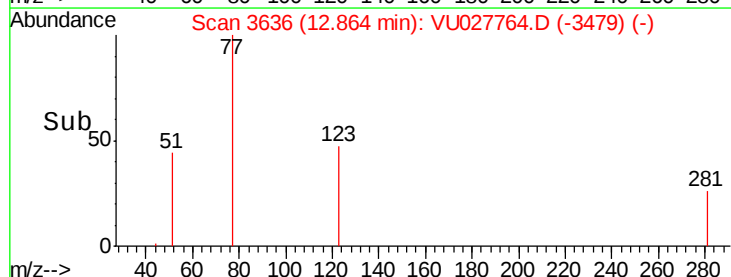
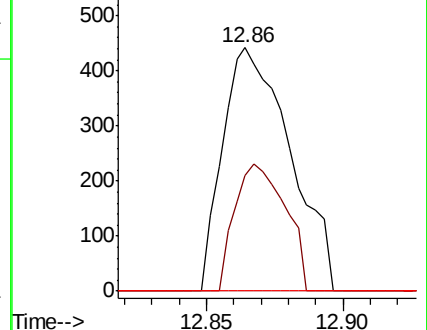
65 0.0 13.1 16.7#

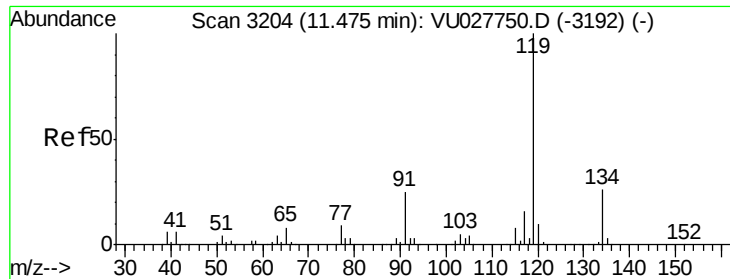


Abundance Ion 77.00 (76.70 to 77.70): VU0

Ion 123.00 (122.70 to 123.70): V

Ion 65.00 (64.70 to 65.70): VU0

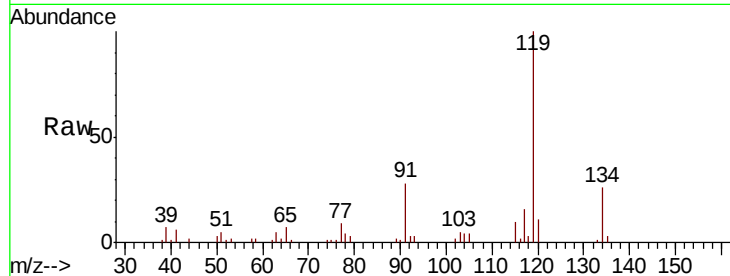




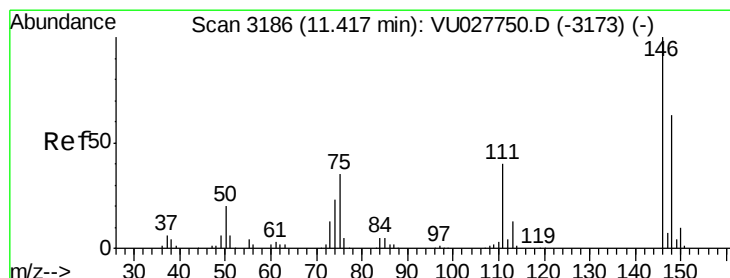
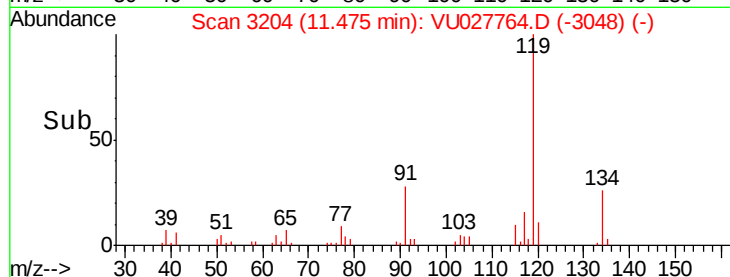
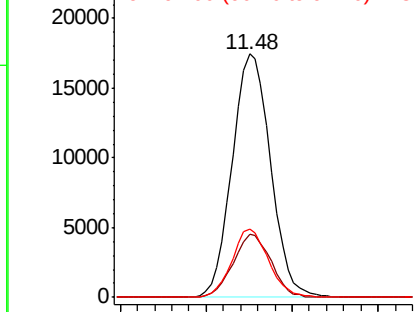
#81
 p-Isopropyltoluene
 Concen: 1.863 ug/l
 RT: 11.48 min Scan# 3204
 Delta R.T. 0.00 min
 Lab File: VU027764.D
 Acq: 23 Oct 2018 15:45

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
119	100		
134	25.4	20.3	30.5
91	26.8	20.2	30.4

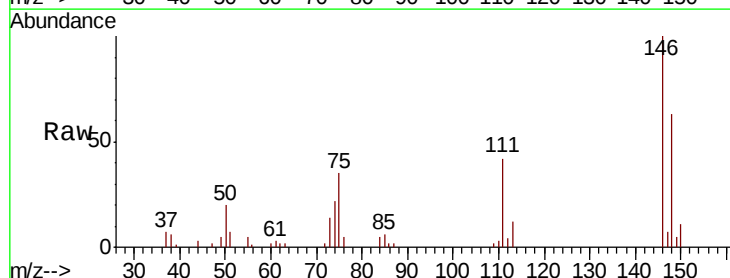


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V

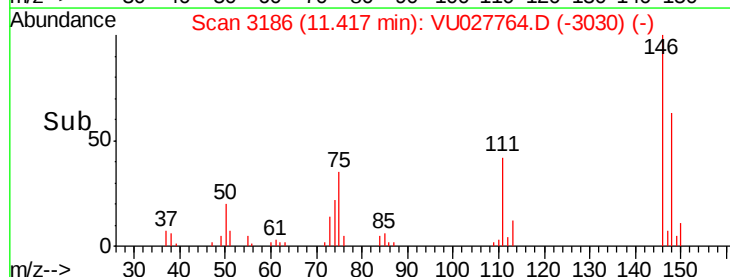
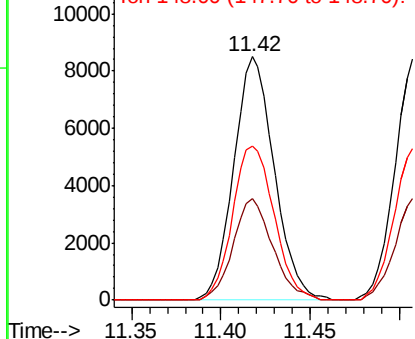


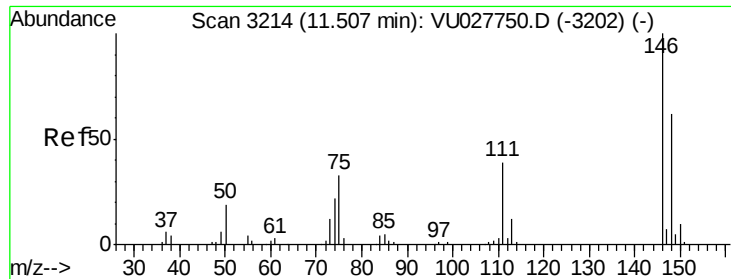
#82
 1,3-Dichlorobenzene
 Concen: 1.863 ug/l
 RT: 11.42 min Scan# 3186
 Delta R.T. 0.00 min
 Lab File: VU027764.D
 Acq: 23 Oct 2018 15:45

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.7	32.7	49.1
148	64.6	50.6	75.8



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

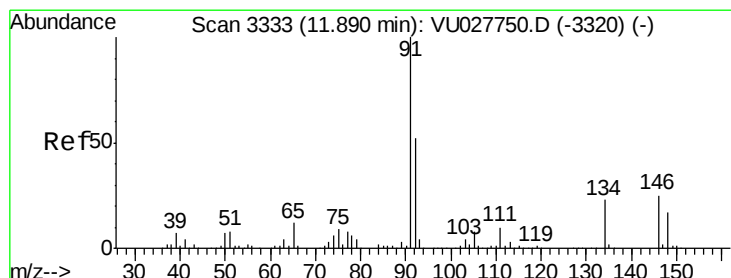
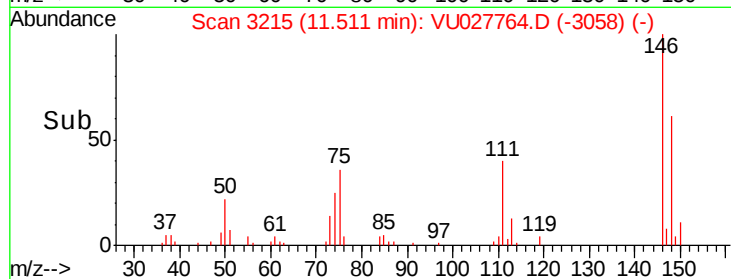
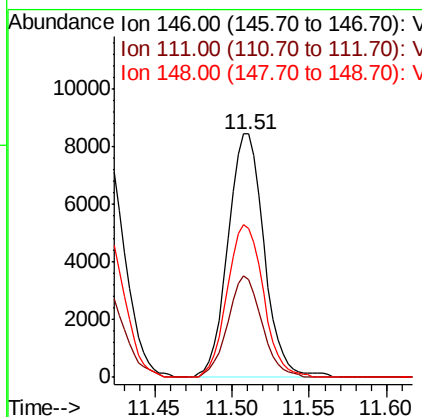
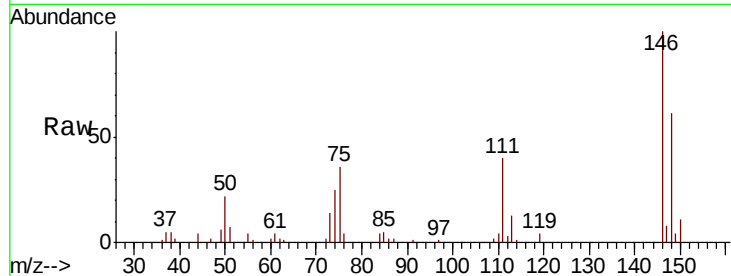




#83
 1,4-Dichlorobenzene
 Concen: 1.888 ug/l
 RT: 11.51 min Scan# 3215
 Delta R.T. 0.00 min
 Lab File: VU027764.D
 Acq: 23 Oct 2018 15:45

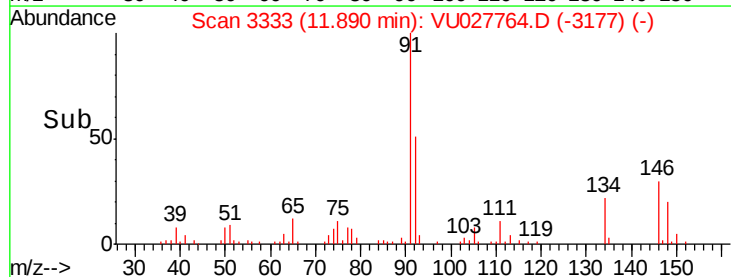
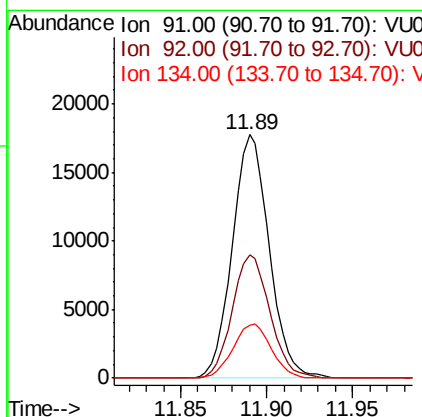
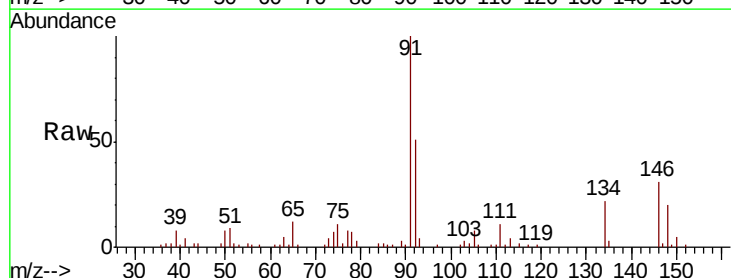
Instrument :
 MSVOA_U
 ClientSampled :

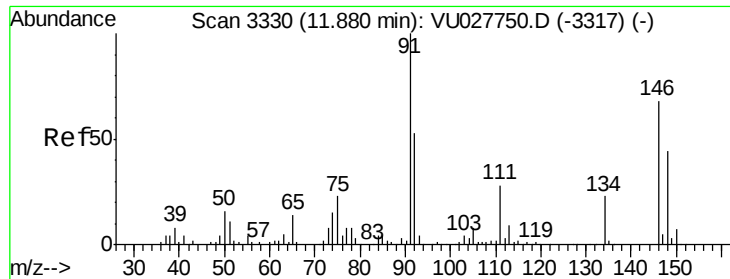
Tot Ion:146 Resp: 13647
 Ion Ratio Lower Upper
 146 100
 111 39.4 32.0 48.0
 148 62.8 50.9 76.3



#84
 n-Butylbenzene
 Concen: 1.879 ug/l
 RT: 11.89 min Scan# 3333
 Delta R.T. 0.00 min
 Lab File: VU027764.D
 Acq: 23 Oct 2018 15:45

Tgt Ion: 91 Resp: 26525
 Ion Ratio Lower Upper
 91 100
 92 51.5 42.1 63.1
 134 23.0 18.6 28.0

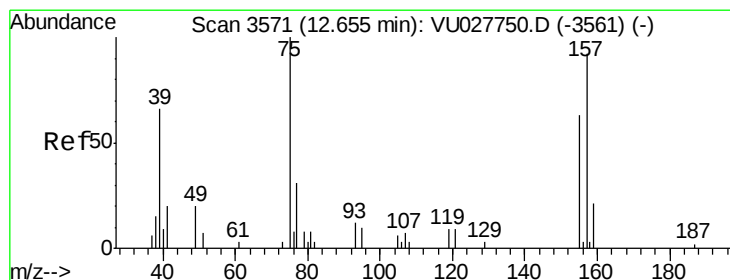
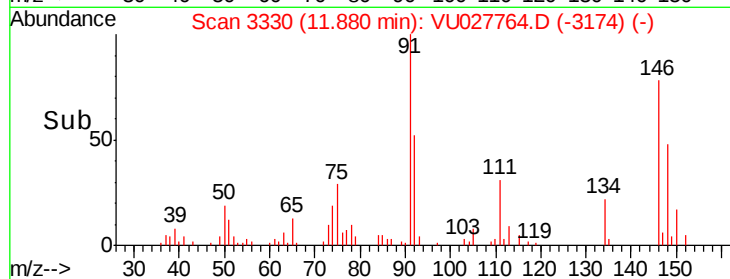
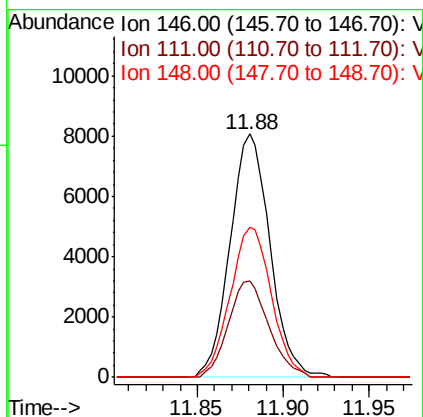
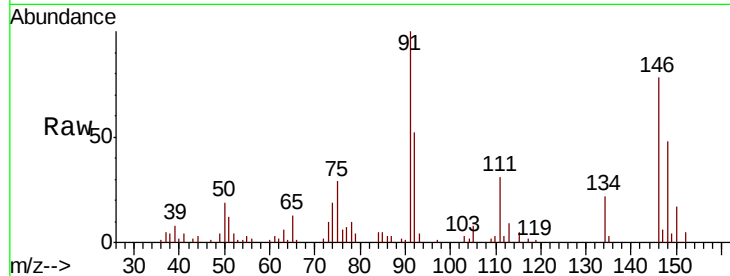




#85
 1,2-Dichlorobenzene
 Concen: 1.892 ug/l
 RT: 11.88 min Scan# 3330
 Delta R.T. 0.00 min
 Lab File: VU027764.D
 Acq: 23 Oct 2018 15:45

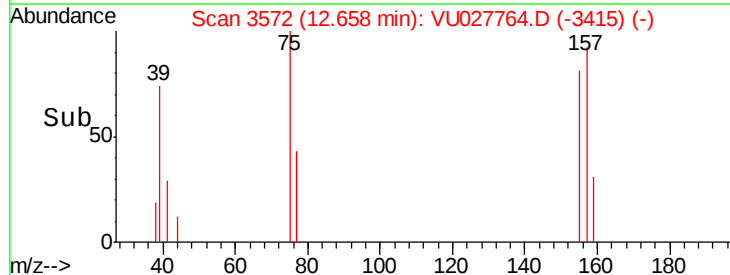
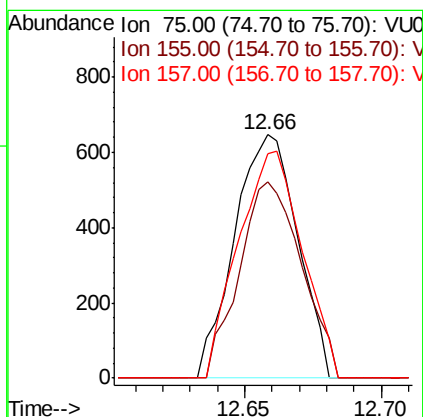
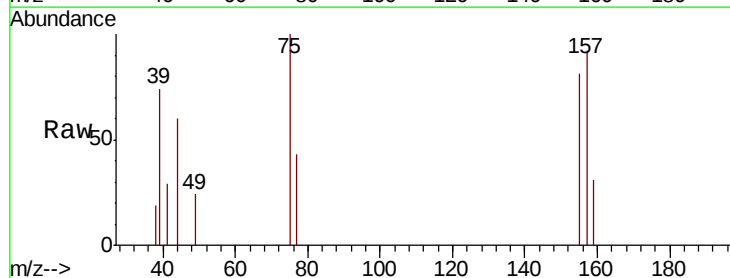
Instrument :
 MSVOA_U
 ClientSampleId :

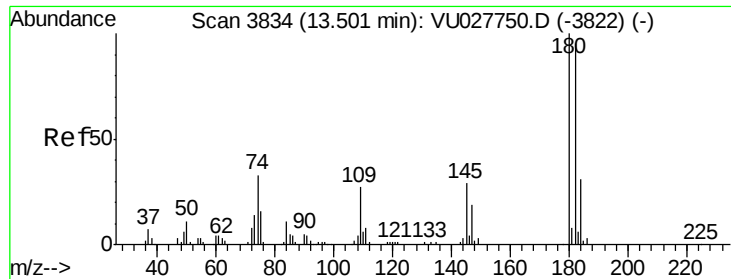
Tot Ion:146 Resp: 13023
 Ion Ratio Lower Upper
 146 100
 111 40.1 21.2 63.6
 148 63.2 32.2 96.6



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 1.737 ug/l
 RT: 12.66 min Scan# 3572
 Delta R.T. 0.00 min
 Lab File: VU027764.D
 Acq: 23 Oct 2018 15:45

Tgt Ion: 75 Resp: 1037
 Ion Ratio Lower Upper
 75 100
 155 79.7 55.5 83.3
 157 94.3 71.0 106.4

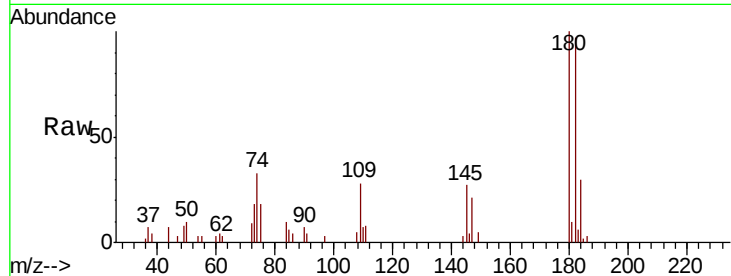




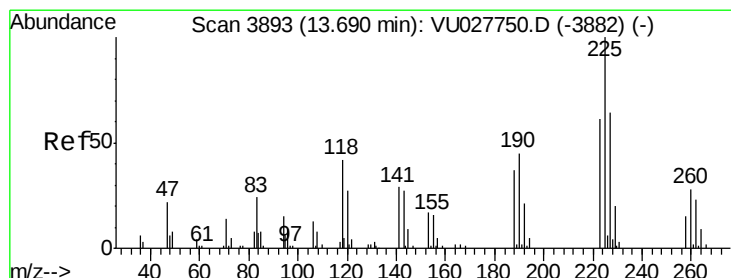
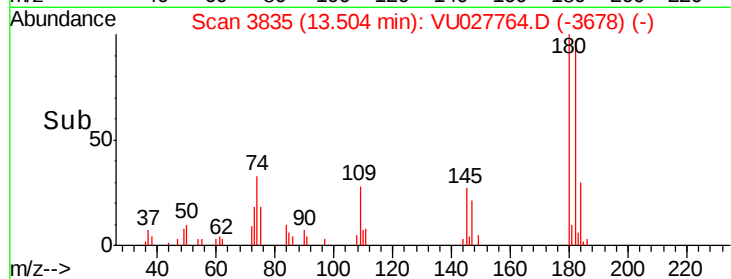
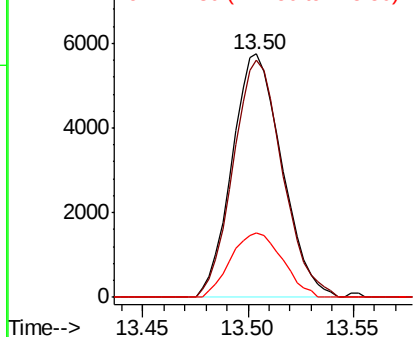
#87
 1,2,4-Trichlorobenzene
 Concen: 1.889 ug/l
 RT: 13.50 min Scan# 3835
 Delta R.T. 0.00 min
 Lab File: VU027764.D
 Acq: 23 Oct 2018 15:45

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion:180 Resp: 9446
 Ion Ratio Lower Upper
 180 100
 182 96.1 75.9 113.9
 145 27.3 23.6 35.4

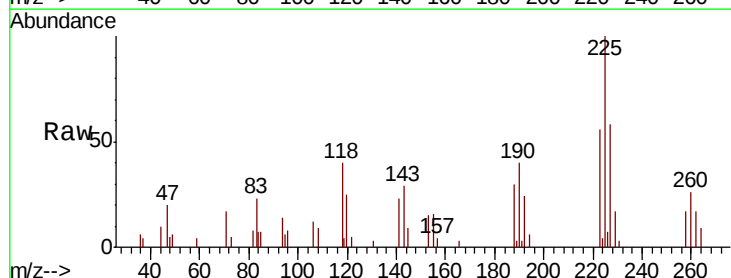


Abundance Ion 179.70 (179.40 to 180.40): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

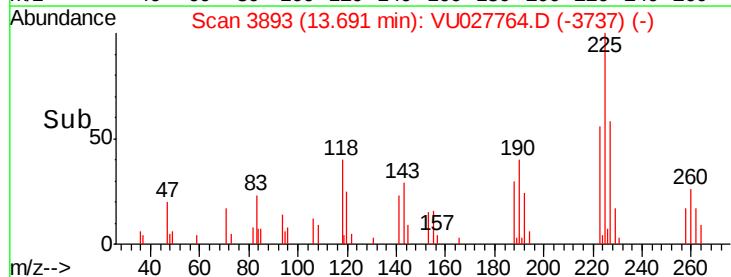
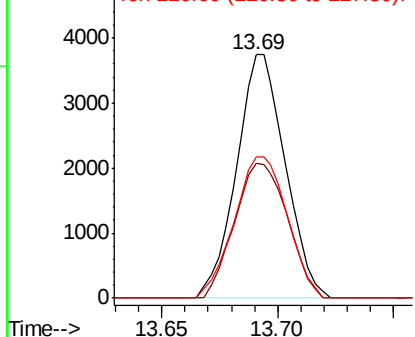


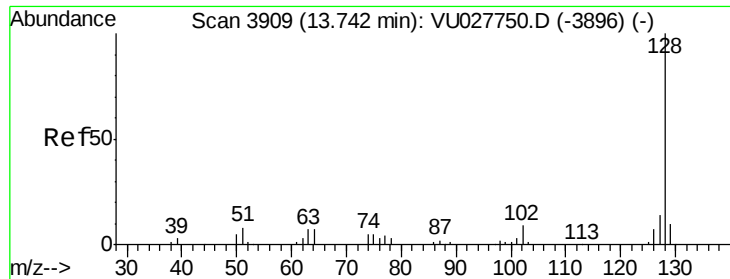
#88
 Hexachlorobutadiene
 Concen: 1.817 ug/l
 RT: 13.69 min Scan# 3893
 Delta R.T. 0.00 min
 Lab File: VU027764.D
 Acq: 23 Oct 2018 15:45

Tgt Ion:225 Resp: 5451
 Ion Ratio Lower Upper
 225 100
 223 60.0 49.6 74.4
 227 63.2 51.1 76.7



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

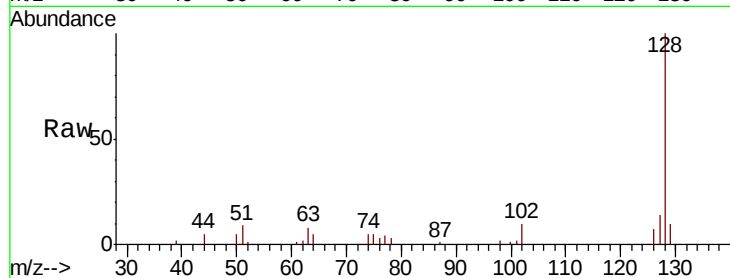




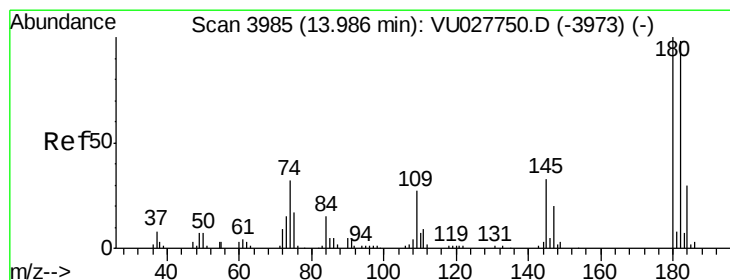
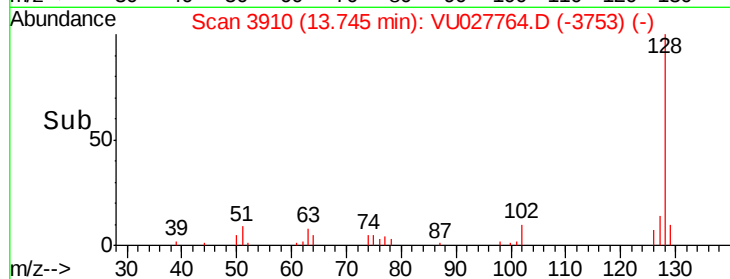
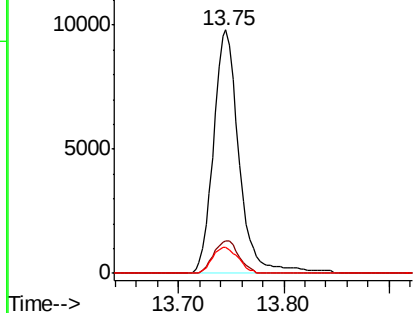
#89
Naphthalene
Concen: 1.762 ug/l
RT: 13.75 min Scan# 3910
Delta R.T. 0.00 min
Lab File: VU027764.D
Acq: 23 Oct 2018 15:45

Instrument :
MSVOA_U
ClientSampled :

Tot Ion:128 Resp: 16552
Ion Ratio Lower Upper
128 100
127 13.2 10.7 16.1
129 10.7 8.5 12.7

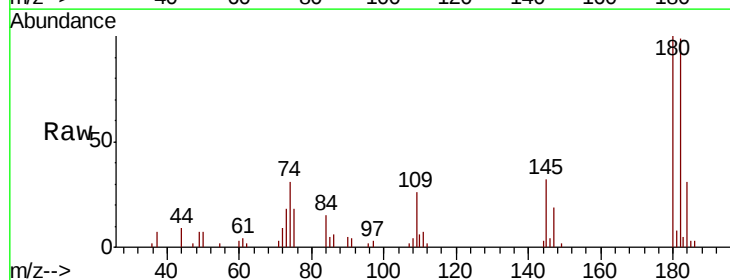


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#90
1,2,3-Trichlorobenzene
Concen: 1.769 ug/l
RT: 13.99 min Scan# 3986
Delta R.T. 0.00 min
Lab File: VU027764.D
Acq: 23 Oct 2018 15:45

Tgt Ion:180 Resp: 8420
Ion Ratio Lower Upper
180 100
182 96.1 77.0 115.6
145 32.4 25.4 38.2



Abundance Ion 179.70 (179.40 to 180.40): V
Ion 181.70 (181.40 to 182.40): V
Ion 144.80 (144.50 to 145.50): V

