

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU102318\
 Data File : VU027754.D
 Acq On : 23 Oct 2018 08:16
 Operator : MD/SY
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 24 05:06:38 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	13922	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.31	95	5688	1.08	ug/l	0.00
Spiked Amount 1.000			Recovery	=	108.00%	
68) 1,2-Dichlorobenzene-d4	11.86	152	5138	1.03	ug/l	0.00
Spiked Amount 1.000			Recovery	=	103.00%	
Target Compounds						
					Ovalue	
2) Dichlorodifluoromethane	1.21	85	53557	9.688	ug/l	99
3) Chloromethane	1.33	50	55671	9.420	ug/l	98
4) Vinyl Chloride	1.40	62	53127	9.629	ug/l	99
5) Bromomethane	1.63	94	27691	9.540	ug/l	97
6) Chloroethane	1.70	64	28535	9.538	ug/l	97
7) Trichlorofluoromethane	1.89	101	64641	9.613	ug/l	96
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	34171	9.662	ug/l	100
9) 1,1-Dichloroethene	2.29	96	30408	9.793	ug/l	99
10) Iodomethane	2.41	142	44831	10.743	ug/l	100
11) Allyl Chloride	2.59	41	71791	9.766	ug/l	99
12) Acrylonitrile	2.94	53	17101	18.069	ug/l	99
13) Acetone	2.33	43	39695	45.958	ug/l	100
14) Carbon Disulfide	2.48	76	112358	9.720	ug/l	99
15) Methylene Chloride	2.70	84	35056	8.959	ug/l	99
16) trans-1,2-Dichloroethene	2.98	96	34214	9.898	ug/l	97
17) 1,1-Dichloroethane	3.45	63	72028	9.442	ug/l	99
18) 2-Butanone	4.28	43	67314	46.939	ug/l	99
19) Cyclohexane	4.99	56	65003	9.506	ug/l	98
20) Methylcyclohexane	6.41	83	69808	10.068	ug/l	100
21) 2,2-Dichloropropane	4.23	77	67245	9.985	ug/l	99
22) cis-1,2-Dichloroethene	4.23	96	39578	9.564	ug/l	99
23) Diethyl Ether	2.11	59	29675	10.050	ug/l	98
24) tert-Butyl Alcohol	2.85	59	31795	100.948	ug/l #	81
25) Methyl tert-Butyl Ether	3.01	73	98145	9.926	ug/l	99
26) Bromochloromethane	4.55	128	16314	9.827	ug/l	99
27) Chloroform	4.68	83	72807	9.803	ug/l	97
28) 1,1,1-Trichloroethane	4.92	97	65697	9.937	ug/l	99
29) 1,1-Dichloropropene	5.13	75	58354	10.107	ug/l	99
30) Carbon Tetrachloride	5.13	117	57863	9.796	ug/l	97
31) Isopropyl Ether	3.58	45	132539	9.647	ug/l	100
32) Ethyl-t-butyl ether	4.08	59	117682	9.654	ug/l	100
33) Tert-Amyl methyl ether	5.58	73	101957	9.854	ug/l	100
34) Propionitrile	4.34	54	17689	51.734	ug/l	98
35) Benzene	5.39	78	158690	9.835	ug/l	98
36) 1,2-Dichloroethane	5.41	62	52863	9.844	ug/l	100
37) Trichloroethene	6.19	130	39307	9.875	ug/l	97
38) 1,2-Dichloropropane	6.44	63	44134	9.740	ug/l	99
39) Methacrylonitrile	4.55	41	18949	10.035	ug/l	97
40) Methyl acrylate	4.43	55	25112	10.209	ug/l	98
41) Tetrahydrofuran	4.66	42	18359	17.596	ug/l	98
42) 1-Chlorobutane	5.07	56	88810	9.749	ug/l	95

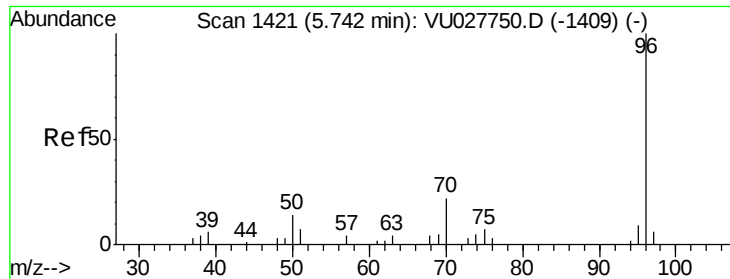
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U0102318\
 Data File : VU027754.D
 Acq On : 23 Oct 2018 08:16
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Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 24 05:06:38 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	20995	10.191	ug/l	99
44) Bromodichloromethane	6.76	83	56780	10.153	ug/l	100
45) 4-Methyl-2-Pentanone	7.47	43	168874	50.503	ug/l	100
46) t-1,4-Dichloro-2-butene	10.49	75	24713	20.500	ug/l	93
47) Methyl methacrylate	6.63	69	44294	20.389	ug/l	99
48) Ethyl methacrylate	8.02	69	46671	10.337	ug/l	97
49) Toluene	7.64	92	98187	10.256	ug/l	98
50) t-1,3-Dichloropropene	7.88	75	57622	10.340	ug/l	96
51) cis-1,3-Dichloropropene	7.27	75	68520	10.437	ug/l	97
52) 1,1,2-Trichloroethane	8.07	97	28358	10.191	ug/l	98
53) 1,3-Dichloropropane	8.24	76	53577	10.023	ug/l	100
54) 2-Hexanone	8.37	43	121706	51.076	ug/l	100
55) Dibromochloromethane	8.48	129	36517	10.440	ug/l	100
56) 1,2-Dibromoethane	8.59	107	27677	10.132	ug/l	98
58) Tetrachloroethene	8.23	164	36519	9.727	ug/l	99
59) Chlorobenzene	9.12	112	102731	10.012	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.21	131	37470	10.046	ug/l	100
61) Pentachloroethane	11.10	117	29006	10.426	ug/l	96
62) Hexachloroethane	12.15	117	32460	10.621	ug/l	99
63) Ethyl Benzene	9.25	91	197310	10.152	ug/l	100
64) m/p-Xylenes	9.38	106	142032	20.481	ug/l	98
65) o-Xylene	9.78	106	67410	9.804	ug/l	97
66) Styrene	9.79	104	117349	10.343	ug/l	99
67) Bromoform	9.96	173	22211	10.972	ug/l	99
69) Isopropylbenzene	10.17	105	187578	9.965	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.46	83	36973	9.997	ug/l	97
71) 1,2,3-Trichloropropane	10.49	75	24713	8.599	ug/l #	92
72) Bromobenzene	10.45	156	42638	10.166	ug/l	96
73) n-propylbenzene	10.59	120	50198	10.340	ug/l	98
74) 2-Chlorotoluene	10.66	126	42186	10.147	ug/l	97
75) 1,3,5-Trimethylbenzene	10.77	105	159787	10.173	ug/l	99
76) 4-Chlorotoluene	10.77	126	43868	10.413	ug/l	99
77) tert-Butylbenzene	11.10	119	154780	10.018	ug/l	98
78) 1,2,4-Trimethylbenzene	11.15	105	164742	10.209	ug/l	98
79) sec-Butylbenzene	11.32	105	210933	10.310	ug/l	99
80) Nitrobenzene	12.86	77	9795	71.656	ug/l	98
81) p-Isopropyltoluene	11.48	119	174154	10.415	ug/l	99
82) 1,3-Dichlorobenzene	11.42	146	86263	10.394	ug/l	99
83) 1,4-Dichlorobenzene	11.51	146	84696	10.185	ug/l	99
84) n-Butylbenzene	11.89	91	178415	10.983	ug/l	98
85) 1,2-Dichlorobenzene	11.88	146	78659	9.933	ug/l	100
86) 1,2-Dibromo-3-Chloropropan	12.66	75	7081	10.308	ug/l	96
87) 1,2,4-Trichlorobenzene	13.50	180	62121	10.796	ug/l	98
88) Hexachlorobutadiene	13.69	225	35487	10.282	ug/l	97
89) Naphthalene	13.74	128	114432	10.589	ug/l	100
90) 1,2,3-Trichlorobenzene	13.99	180	56673	10.350	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: VU027754.D

Acq: 23 Oct 2018 08:16

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 96 Resp: 13922

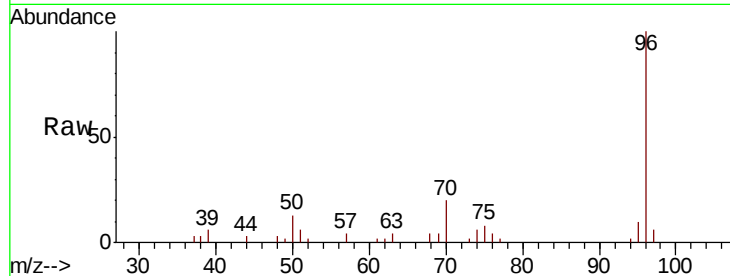
Ion Ratio Lower Upper

96 100

70 20.8 17.7 26.5

95 8.6 7.0 10.6

97 0.0 0.0 0.0

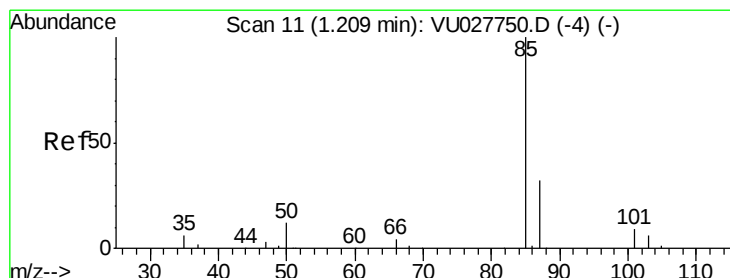
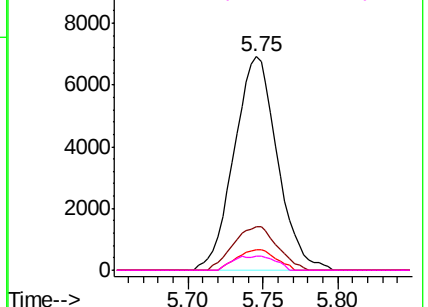
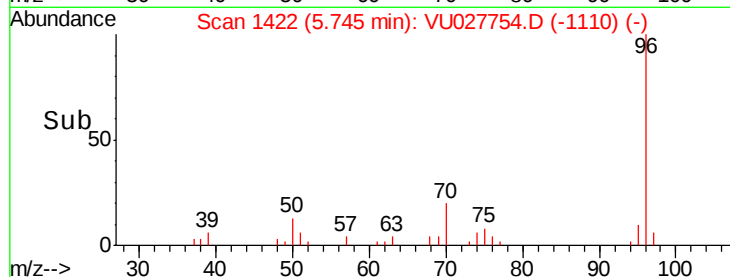


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0



#2

Dichlorodifluoromethane

Concen: 9.688 ug/l

RT: 1.21 min Scan# 11

Delta R.T. 0.00 min

Lab File: VU027754.D

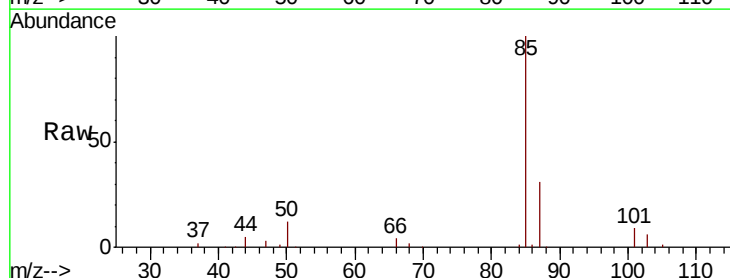
Acq: 23 Oct 2018 08:16

Tgt Ion: 85 Resp: 53557

Ion Ratio Lower Upper

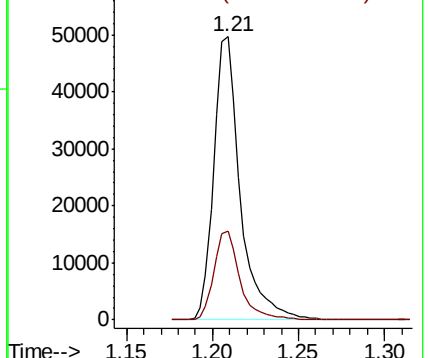
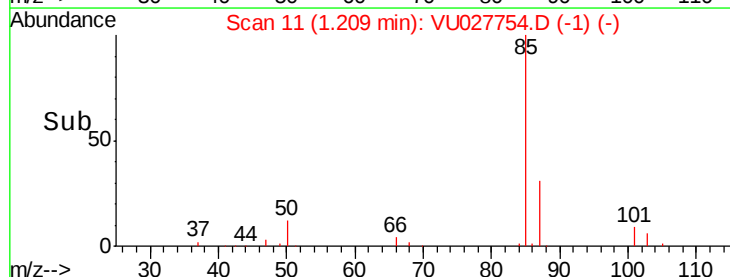
85 100

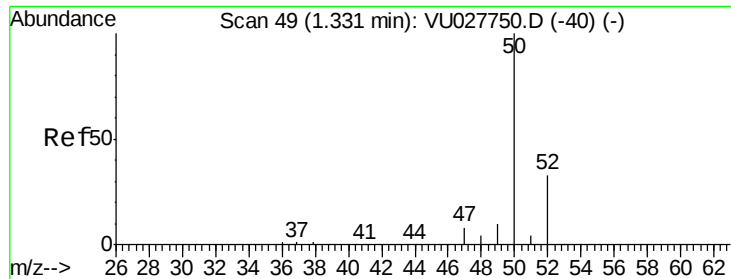
87 31.3 15.9 47.6



Abundance Ion 85.00 (84.70 to 85.70): VU0

Ion 87.00 (86.70 to 87.70): VU0

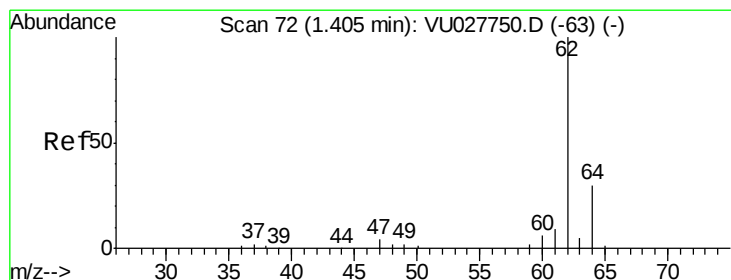
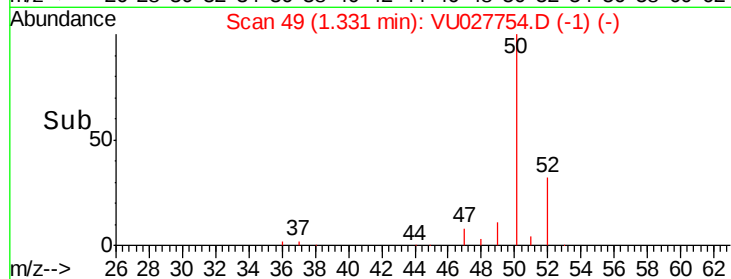
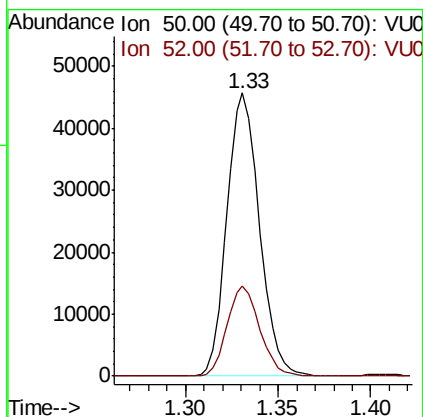
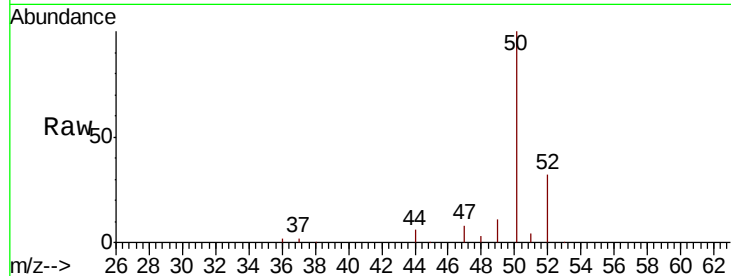




#3
Chloromethane
Concen: 9.420 ug/l
RT: 1.33 min Scan# 49
Delta R.T. 0.00 min
Lab File: VU027754.D
Acq: 23 Oct 2018 08:16

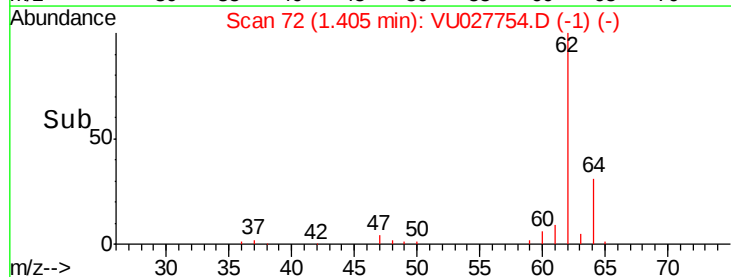
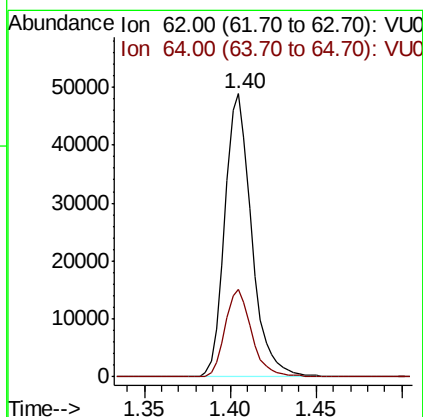
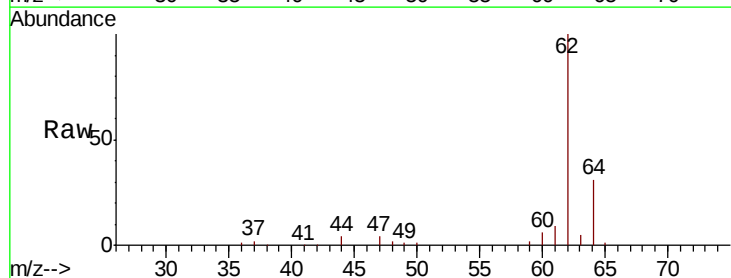
Instrument :
MSVOA_U
ClientSampled :

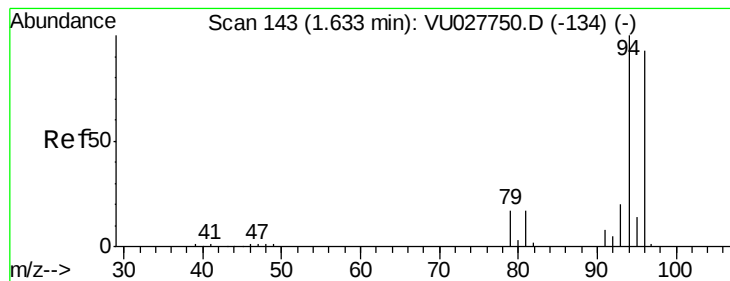
Tot Ion: 50 Resp: 55671
Ion Ratio Lower Upper
50 100
52 31.9 26.6 40.0



#4
Vinyl Chloride
Concen: 9.629 ug/l
RT: 1.40 min Scan# 72
Delta R.T. 0.00 min
Lab File: VU027754.D
Acq: 23 Oct 2018 08:16

Tgt Ion: 62 Resp: 53127
Ion Ratio Lower Upper
62 100
64 30.7 24.3 36.5





#5

Bromomethane

Concen: 9.540 ug/l

RT: 1.63 min Scan# 142

Delta R.T. -0.00 min

Lab File: VU027754.D

Acq: 23 Oct 2018 08:16

Instrument :

MSVOA_U

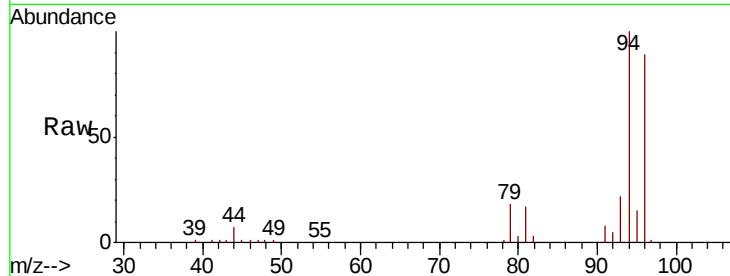
ClientSampled :

Tot Ion: 94 Resp: 27691

Ion Ratio Lower Upper

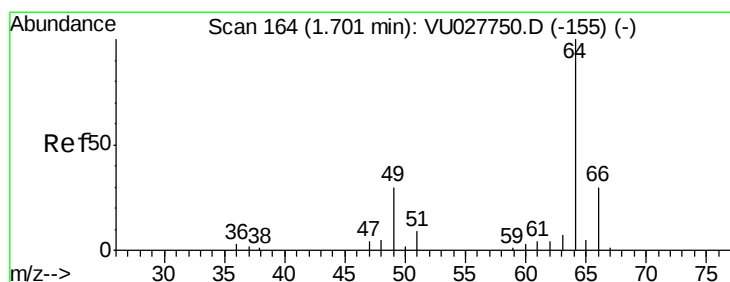
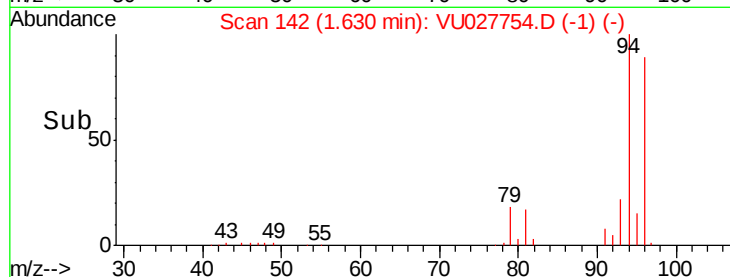
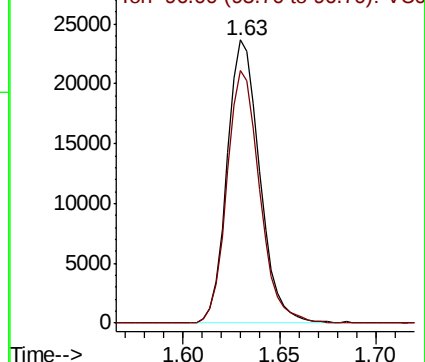
94 100

96 89.5 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: 9.538 ug/l

RT: 1.70 min Scan# 164

Delta R.T. 0.00 min

Lab File: VU027754.D

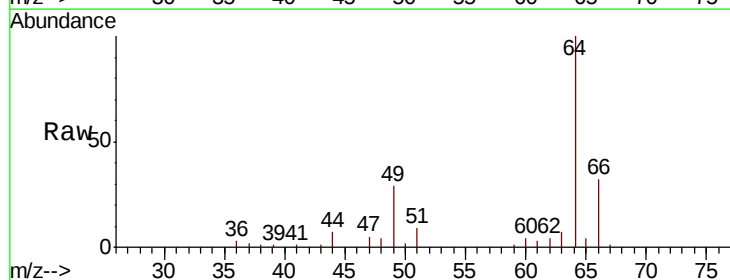
Acq: 23 Oct 2018 08:16

Tgt Ion: 64 Resp: 28535

Ion Ratio Lower Upper

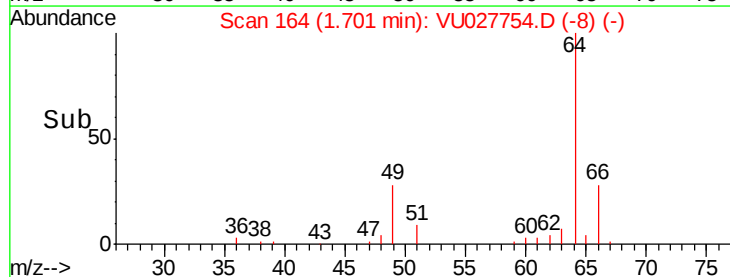
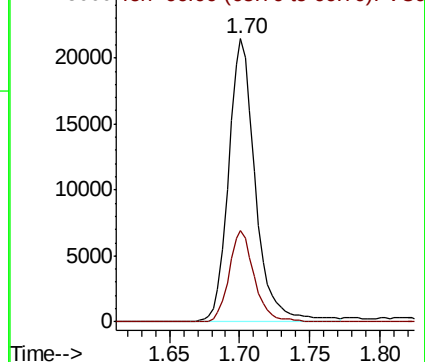
64 100

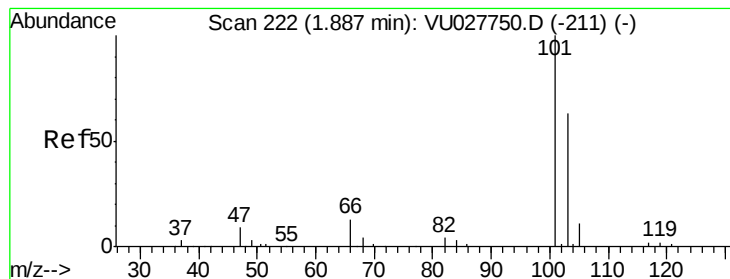
66 32.3 24.3 36.5



Abundance Ion 64.00 (63.70 to 64.70): VU0

Ion 66.00 (65.70 to 66.70): VU0



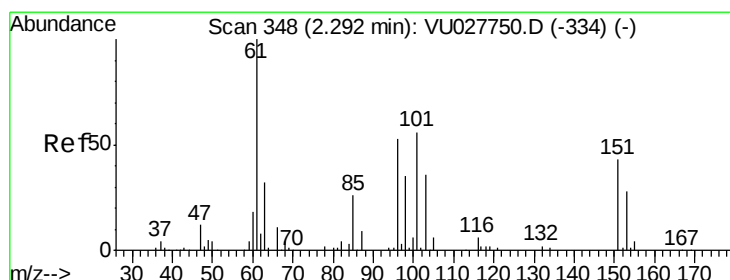
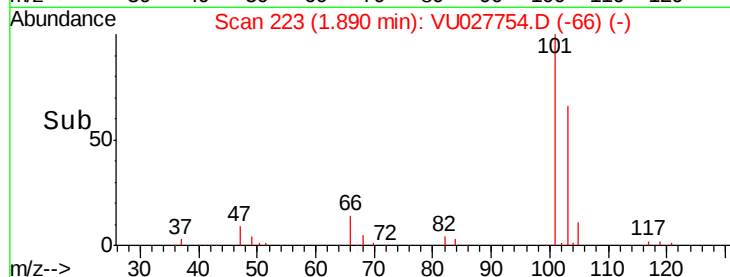
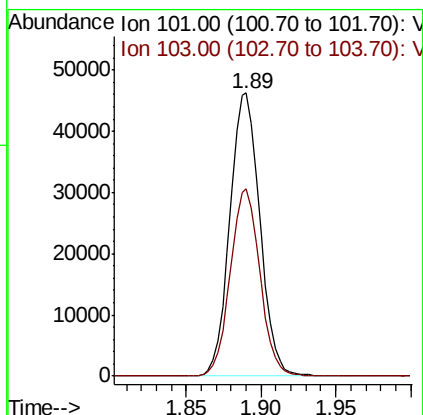
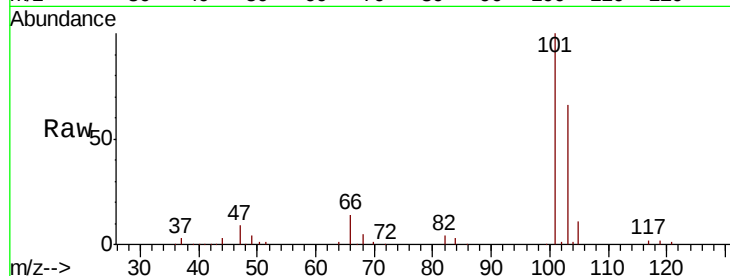


#7

Trichlorofluoromethane
Concen: 9.613 ug/l
RT: 1.89 min Scan# 223
Delta R.T. 0.00 min
Lab File: VU027754.D
Acq: 23 Oct 2018 08:16

Instrument :
MSVOA_U
ClientSampled :

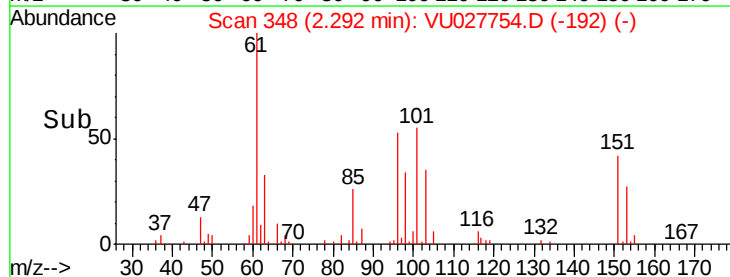
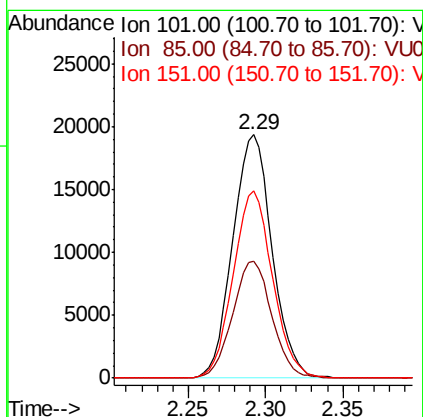
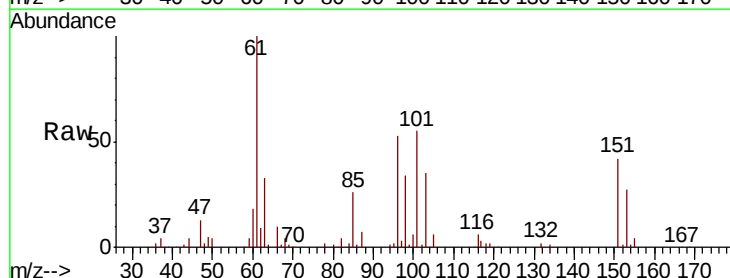
Tot Ion:101 Resp: 64641
Ion Ratio Lower Upper
101 100
103 66.1 50.2 75.2

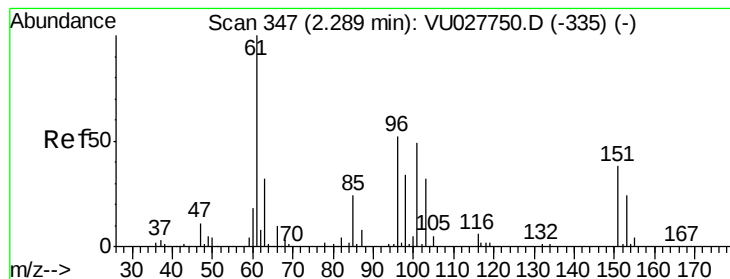


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 9.662 ug/l
RT: 2.29 min Scan# 348
Delta R.T. 0.00 min
Lab File: VU027754.D
Acq: 23 Oct 2018 08:16

Tgt Ion:101 Resp: 34171
Ion Ratio Lower Upper
101 100
85 47.8 38.2 57.2
151 76.9 61.8 92.8





#9

1,1-Dichloroethene

Concen: 9.793 ug/l

RT: 2.29 min Scan# 347

Delta R.T. 0.00 min

Lab File: VU027754.D

Acq: 23 Oct 2018 08:16

Instrument :

MSVOA_U

ClientSampled :

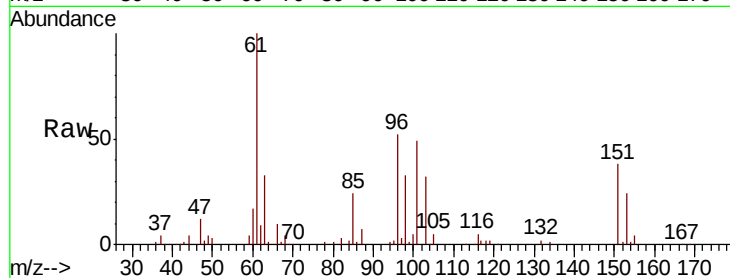
Tot Ion: 96 Resp: 30408

Ion Ratio Lower Upper

96 100

61 192.5 0.0 581.4

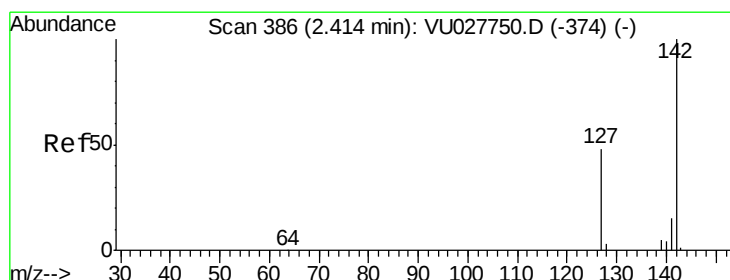
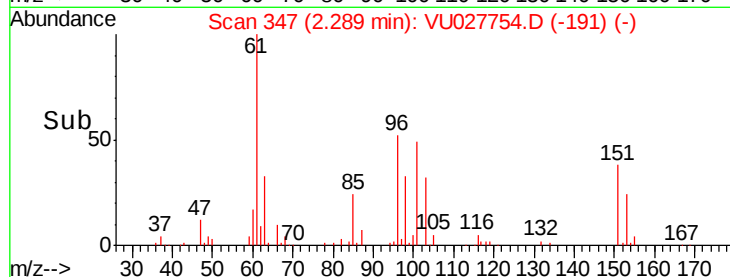
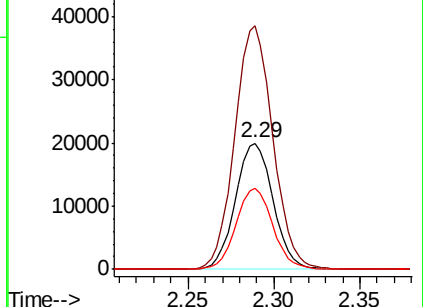
98 64.3 0.0 131.2



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 98.00 (97.70 to 98.70): VU0



#10

Iodomethane

Concen: 10.743 ug/l

RT: 2.41 min Scan# 386

Delta R.T. 0.00 min

Lab File: VU027754.D

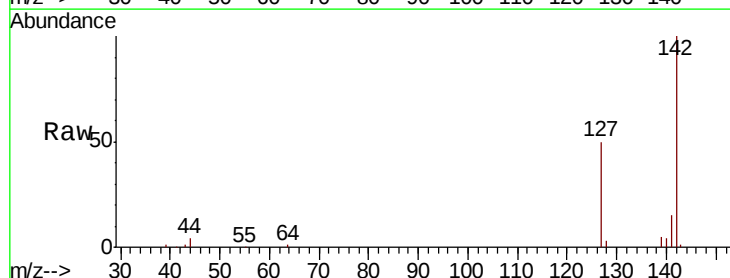
Acq: 23 Oct 2018 08:16

Tgt Ion:142 Resp: 44831

Ion Ratio Lower Upper

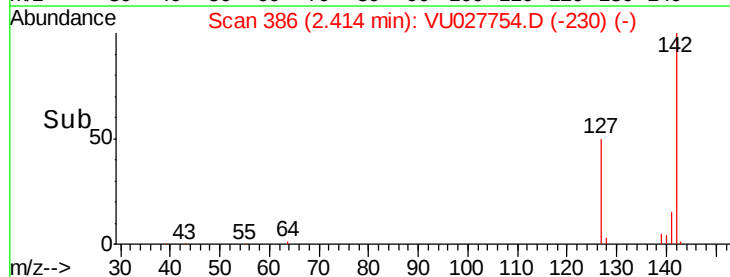
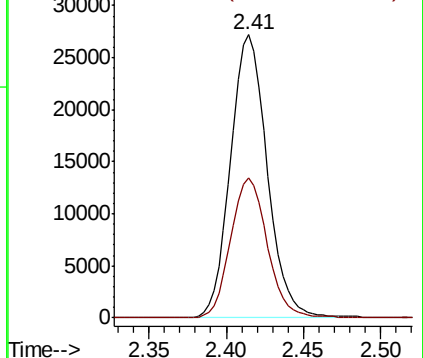
142 100

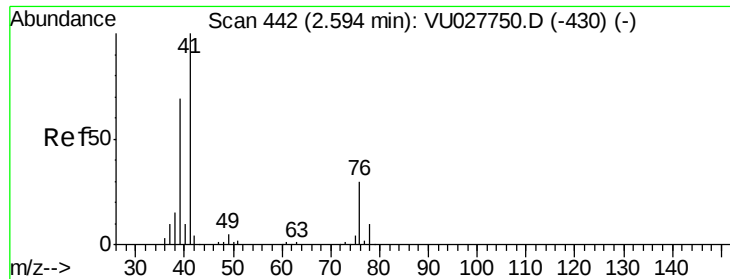
127 49.3 39.2 58.8



Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V





#11

Allvl Chloride

Concen: 9.766 ug/l

RT: 2.59 min Scan# 442

Delta R.T. 0.00 min

Lab File: VU027754.D

Acq: 23 Oct 2018 08:16

Instrument :

MSVOA_U

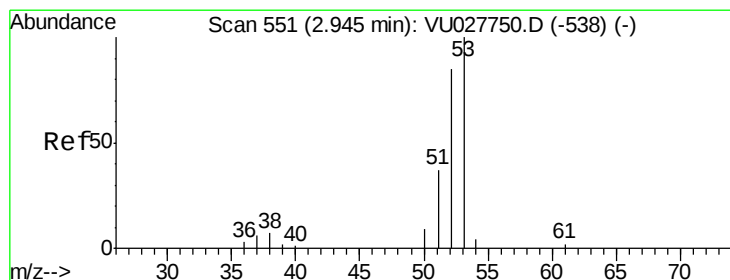
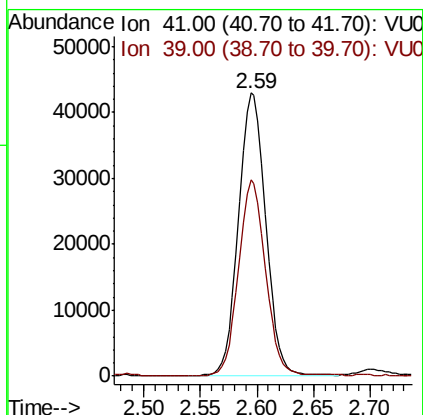
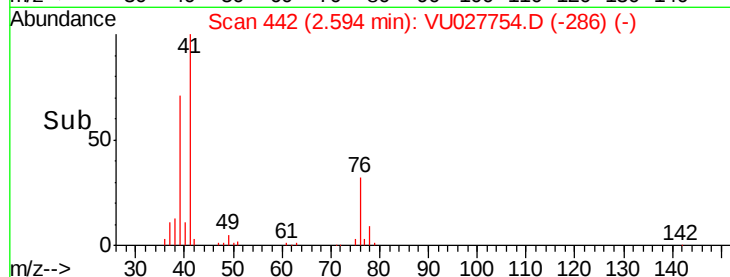
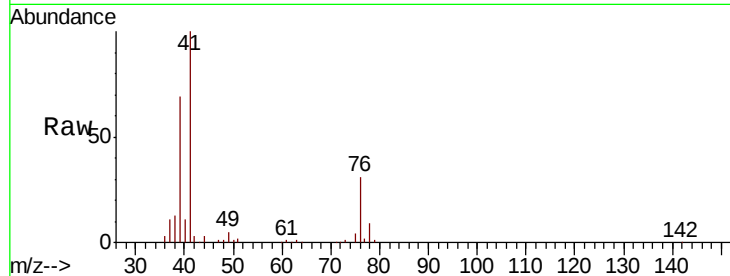
ClientSampleId :

Tot Ion: 41 Resp: 71791

Ion Ratio Lower Upper

41 100

39 70.0 55.4 83.0



#12

Acrylonitrile

Concen: 18.069 ug/l

RT: 2.94 min Scan# 550

Delta R.T. -0.00 min

Lab File: VU027754.D

Acq: 23 Oct 2018 08:16

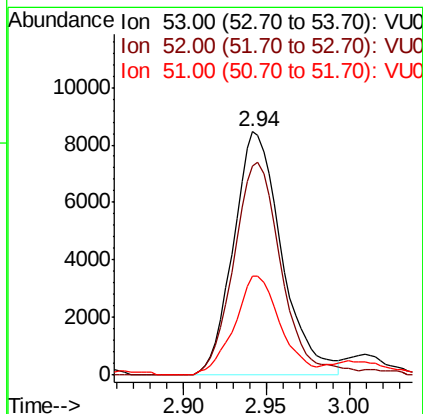
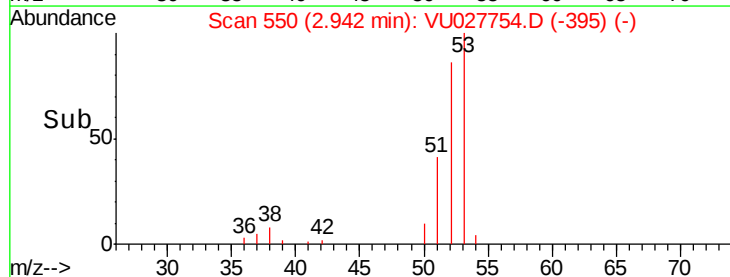
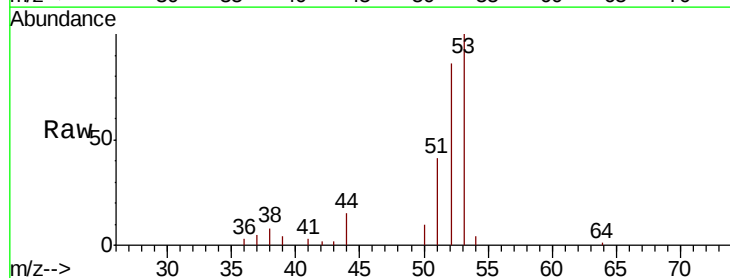
Tgt Ion: 53 Resp: 17101

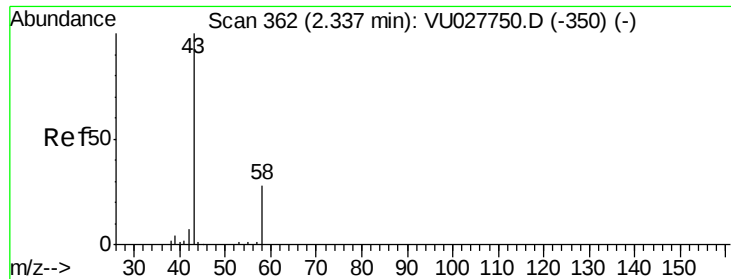
Ion Ratio Lower Upper

53 100

52 85.9 67.9 101.9

51 38.6 30.0 45.0





#13

Acetone

Concen: 45.958 ug/l

RT: 2.33 min Scan# 361

Delta R.T. -0.00 min

Lab File: VU027754.D

Acq: 23 Oct 2018 08:16

Instrument :

MSVOA_U

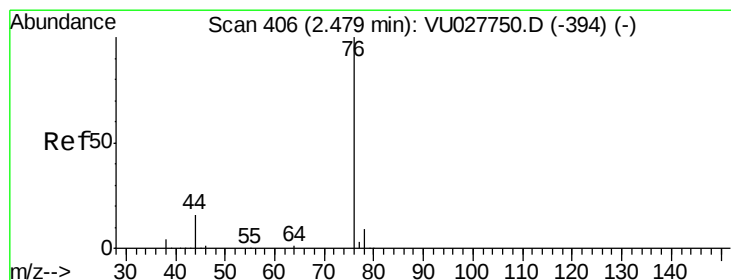
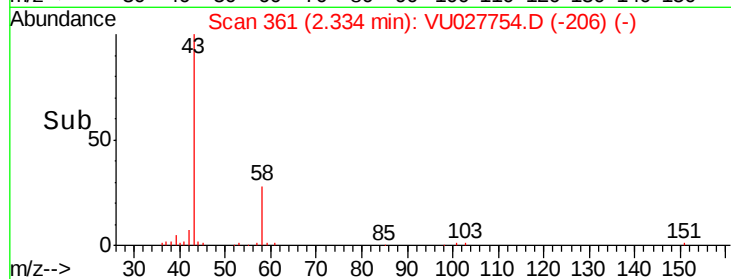
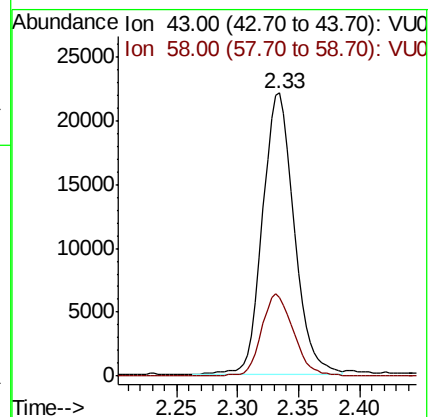
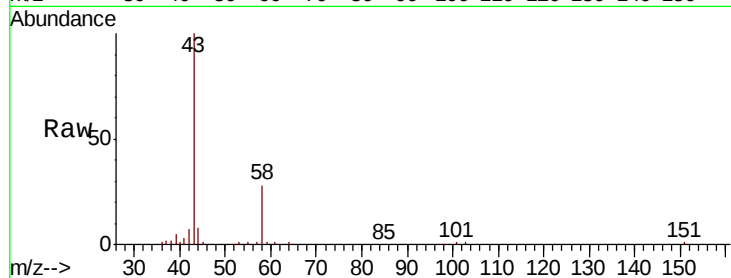
ClientSampled :

Tot Ion: 43 Resp: 39695

Ion Ratio Lower Upper

43 100

58 27.9 22.3 33.5



#14

Carbon Disulfide

Concen: 9.720 ug/l

RT: 2.48 min Scan# 406

Delta R.T. 0.00 min

Lab File: VU027754.D

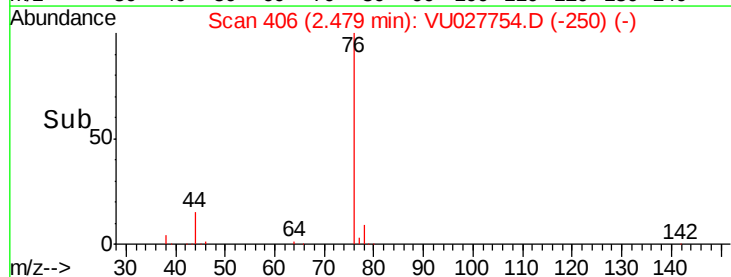
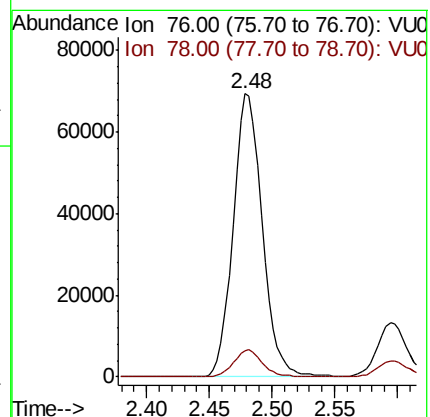
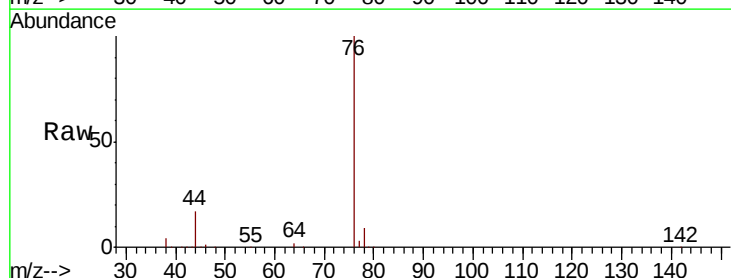
Acq: 23 Oct 2018 08:16

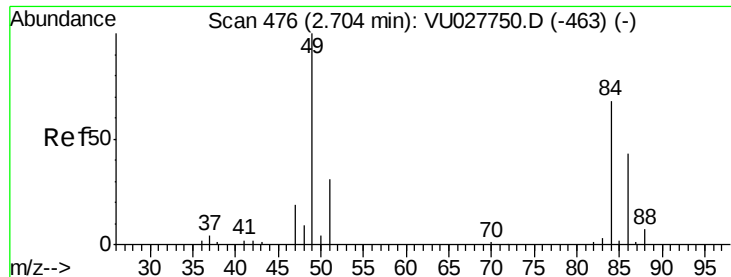
Tgt Ion: 76 Resp: 112358

Ion Ratio Lower Upper

76 100

78 9.2 7.1 10.7

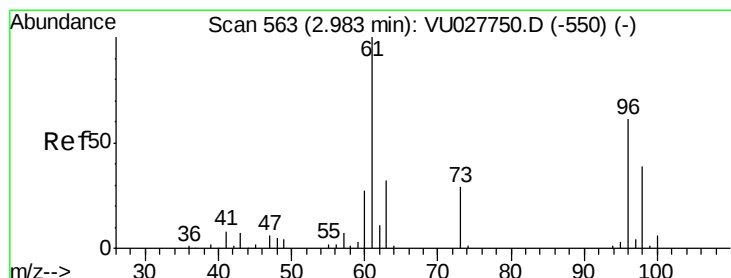
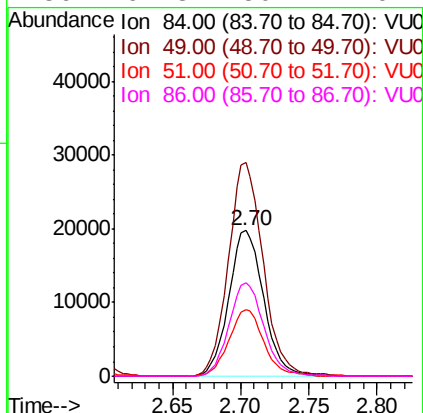
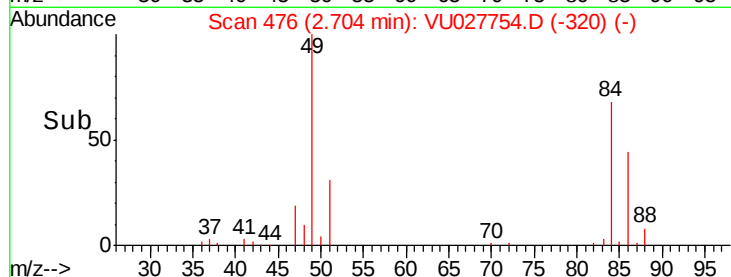
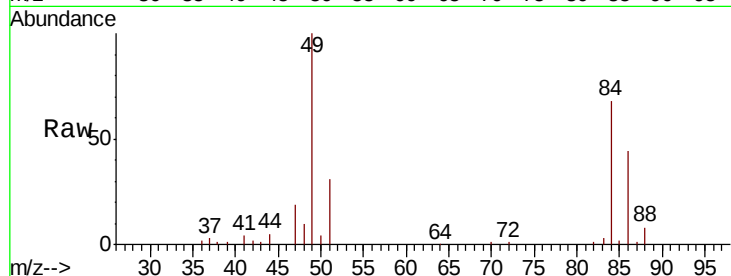




#15
Methvlene Chloride
Concen: 8.959 ug/l
RT: 2.70 min Scan# 476
Delta R.T. 0.00 min
Lab File: VU027754.D
Acq: 23 Oct 2018 08:16

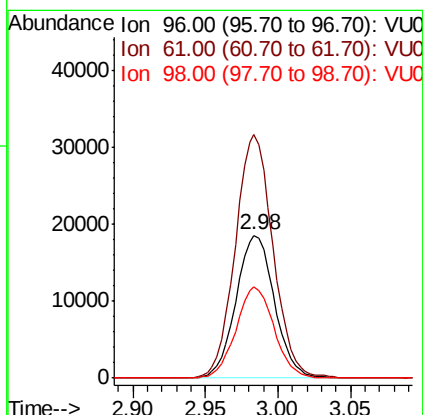
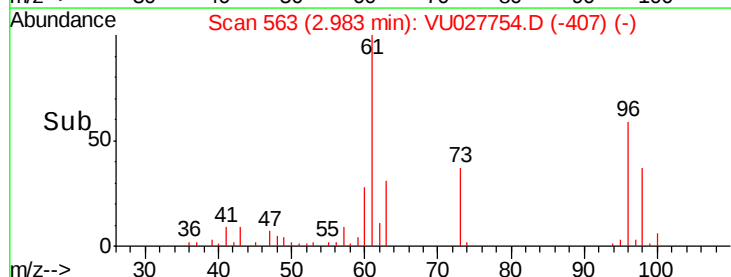
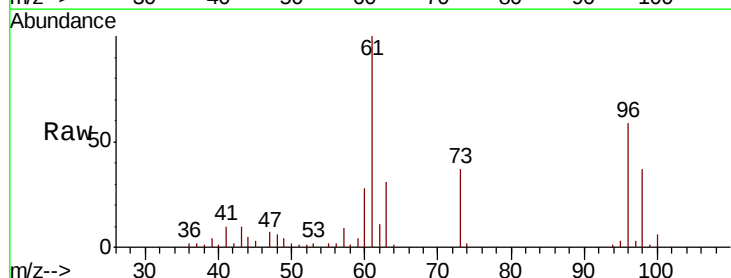
Instrument :
MSVOA_U
ClientSampleId :

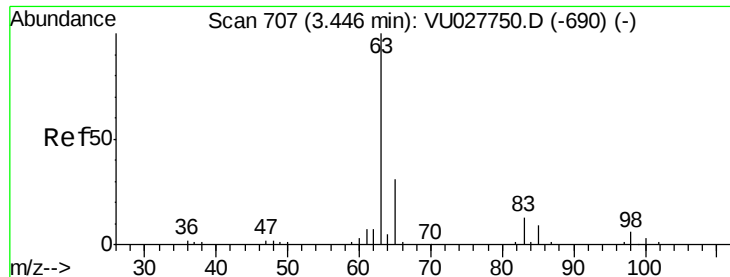
Tot Ion:	84	Resp:	35056
Ion	Ratio	Lower	Upper
84	100		
49	146.5	118.5	177.7
51	45.9	0.0	91.0
86	64.3	50.7	76.1



#16
trans-1,2-Dichloroethene
Concen: 9.898 ug/l
RT: 2.98 min Scan# 563
Delta R.T. 0.00 min
Lab File: VU027754.D
Acq: 23 Oct 2018 08:16

Tgt Ion:	96	Resp:	34214
Ion	Ratio	Lower	Upper
96	100		
61	170.3	131.8	197.6
98	63.7	51.2	76.8

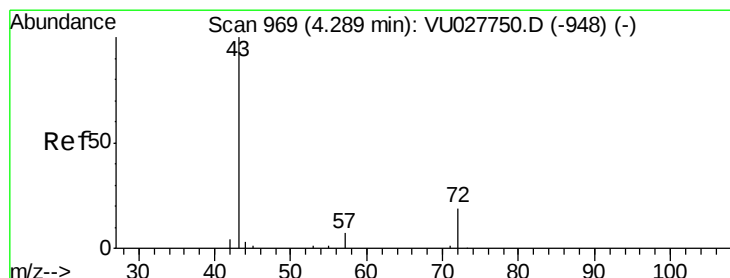
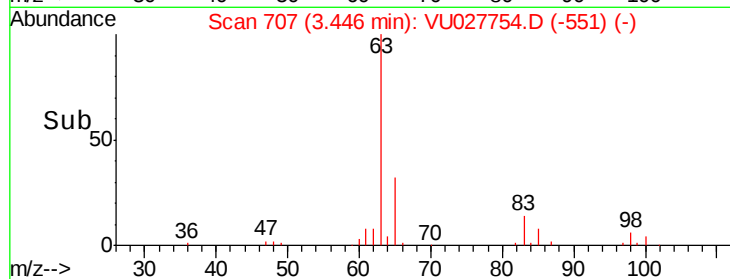
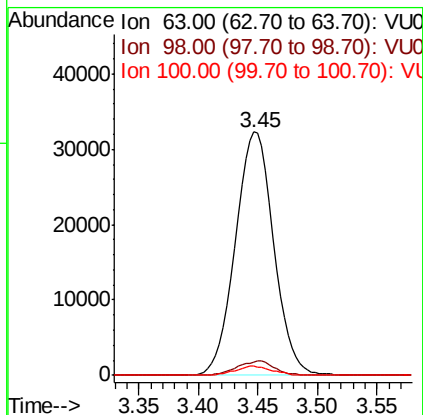
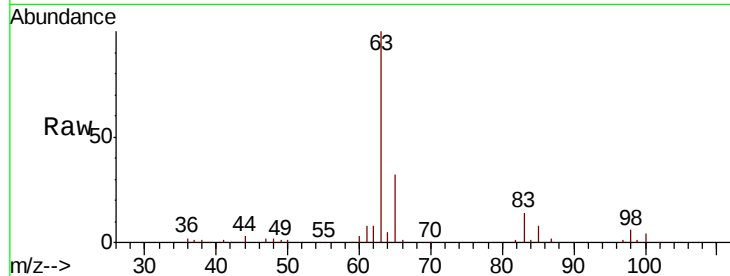




#17
 1,1-Dichloroethane
 Concen: 9.442 ug/l
 RT: 3.45 min Scan# 707
 Delta R.T. 0.00 min
 Lab File: VU027754.D
 Acq: 23 Oct 2018 08:16

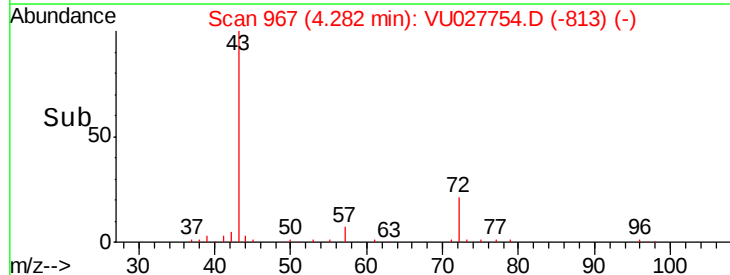
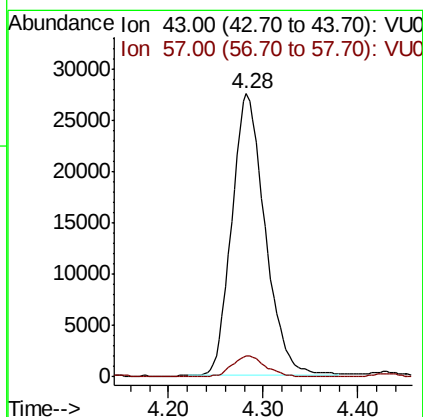
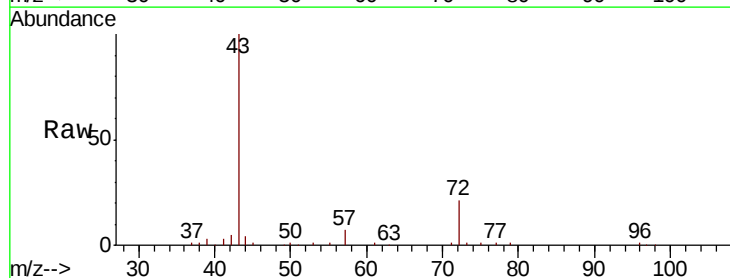
Instrument :
 MSVOA_U
 ClientSampleId :

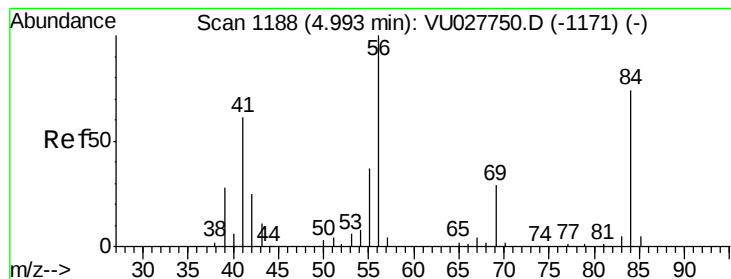
Tot Ion: 63 Resp: 72028
 Ion Ratio Lower Upper
 63 100
 98 5.6 2.8 8.4
 100 3.7 1.5 4.5



#18
 2-Butanone
 Concen: 46.939 ug/l
 RT: 4.28 min Scan# 967
 Delta R.T. -0.01 min
 Lab File: VU027754.D
 Acq: 23 Oct 2018 08:16

Tgt Ion: 43 Resp: 67314
 Ion Ratio Lower Upper
 43 100
 57 7.4 0.0 14.4





#19

Cyclohexane

Concen: 9.506 ug/l

RT: 4.99 min Scan# 1188

Delta R.T. 0.00 min

Lab File: VU027754.D

Acq: 23 Oct 2018 08:16

Instrument :

MSVOA_U

ClientSampled :

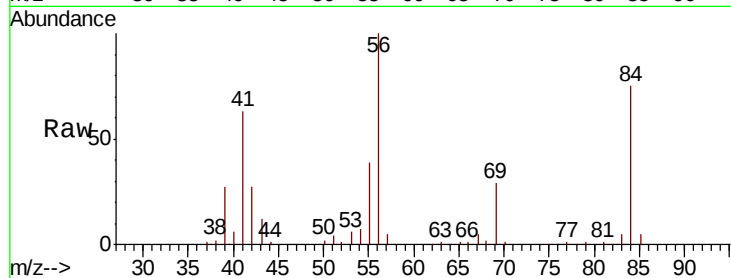
Tot Ion: 56 Resp: 65003

Ion Ratio Lower Upper

56 100

69 33.5 25.9 38.9

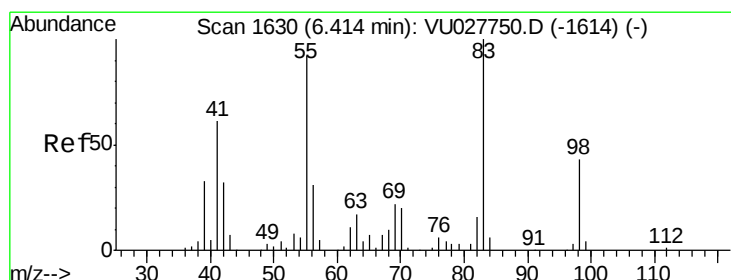
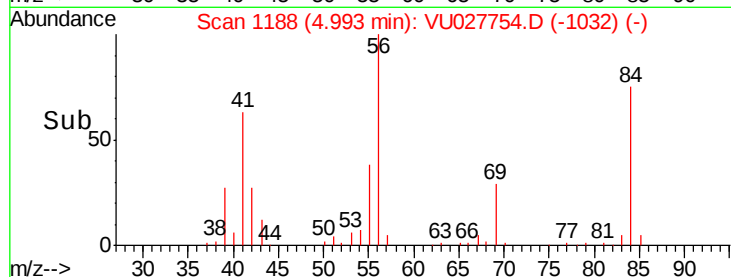
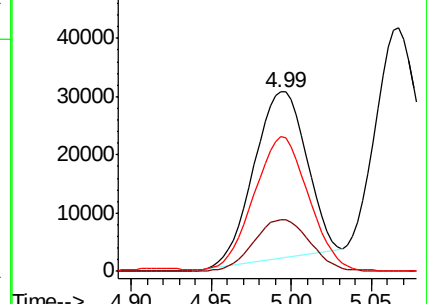
84 83.7 65.9 98.9



Abundance Ion 56.00 (55.70 to 56.70): VU027750.D (-1171) (-)

Ion 69.00 (68.70 to 69.70): VU027750.D (-1171) (-)

Ion 84.00 (83.70 to 84.70): VU027750.D (-1171) (-)



#20

Methylcyclohexane

Concen: 10.068 ug/l

RT: 6.41 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VU027754.D

Acq: 23 Oct 2018 08:16

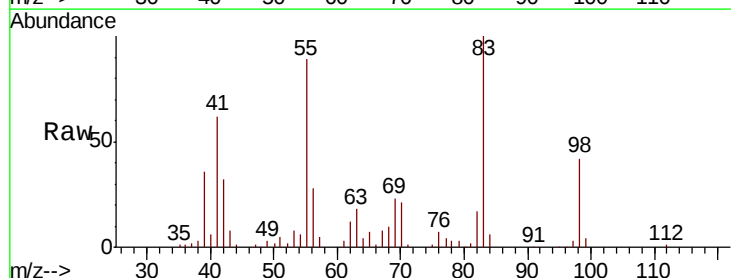
Tgt Ion: 83 Resp: 69808

Ion Ratio Lower Upper

83 100

55 90.6 72.6 108.8

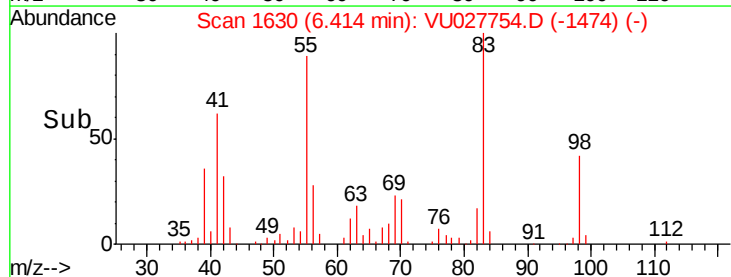
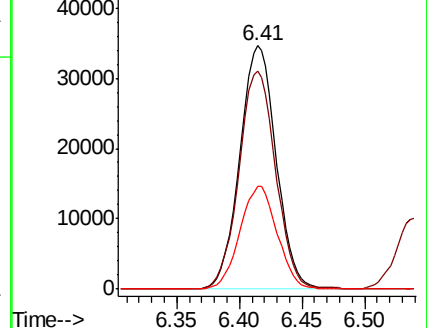
98 43.2 35.0 52.4

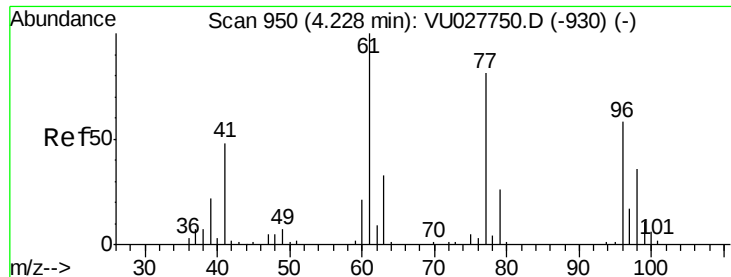


Abundance Ion 83.00 (82.70 to 83.70): VU027750.D (-1614) (-)

Ion 55.00 (54.70 to 55.70): VU027750.D (-1614) (-)

Ion 98.00 (97.70 to 98.70): VU027750.D (-1614) (-)





#21

2,2-Dichloropropane

Concen: 9.985 ug/l

RT: 4.23 min Scan# 950

Delta R.T. 0.00 min

Lab File: VU027754.D

Acq: 23 Oct 2018 08:16

Instrument :

MSVOA_U

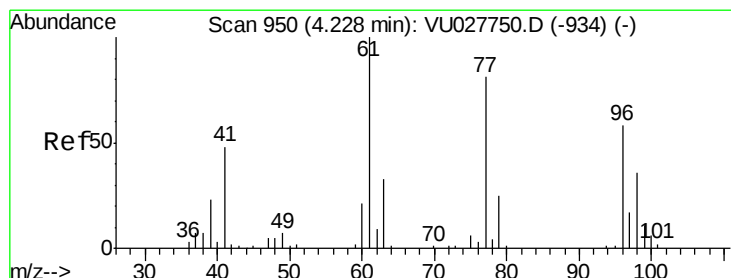
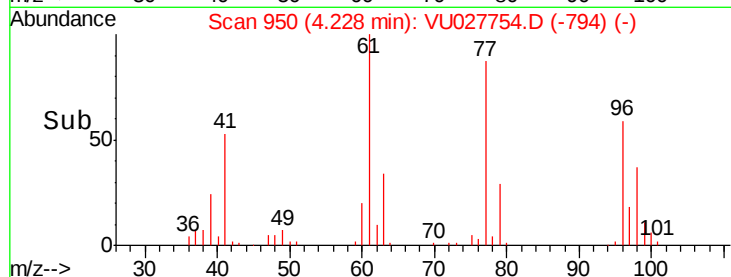
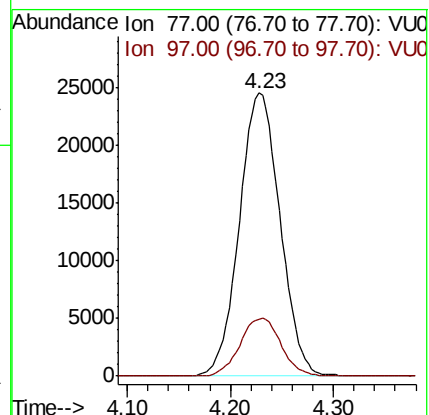
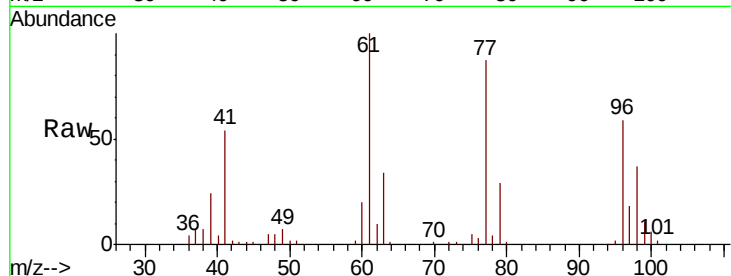
ClientSampleId :

Tot Ion: 77 Resp: 67245

Ion Ratio Lower Upper

77 100

97 20.6 16.9 25.3



#22

cis-1,2-Dichloroethene

Concen: 9.564 ug/l

RT: 4.23 min Scan# 950

Delta R.T. 0.00 min

Lab File: VU027754.D

Acq: 23 Oct 2018 08:16

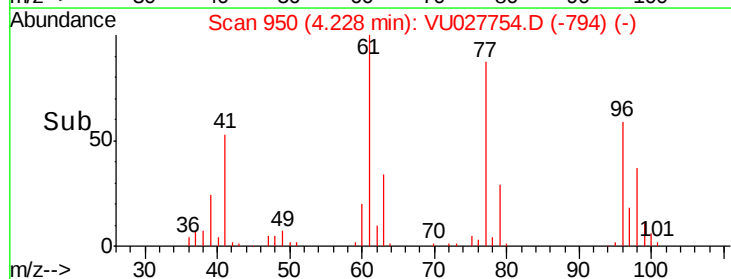
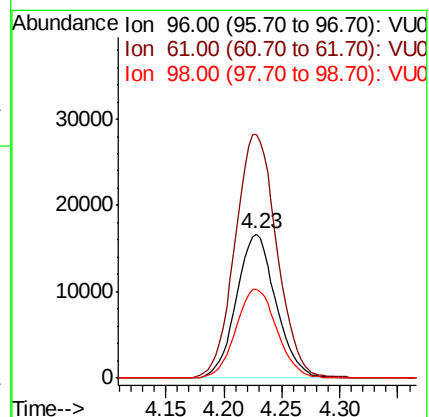
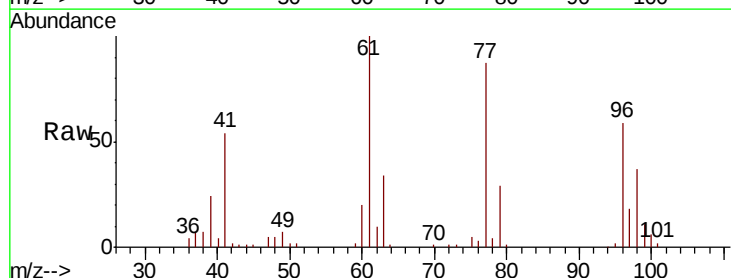
Tgt Ion: 96 Resp: 39578

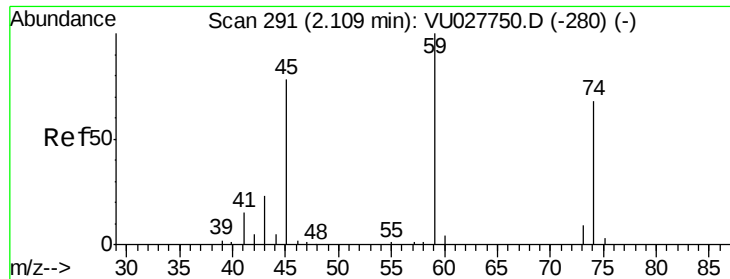
Ion Ratio Lower Upper

96 100

61 178.6 0.0 444.0

98 63.8 31.9 95.5

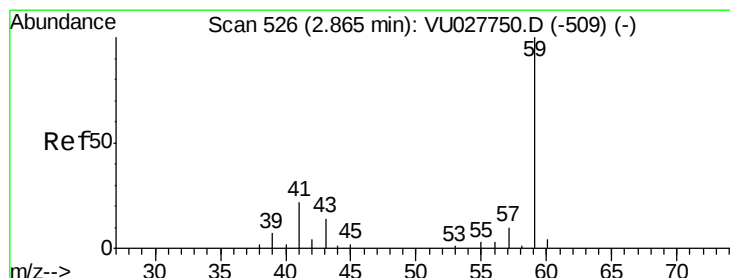
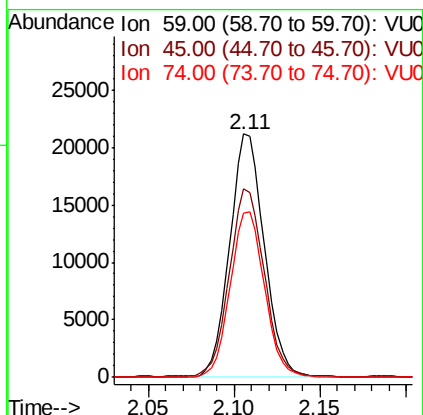
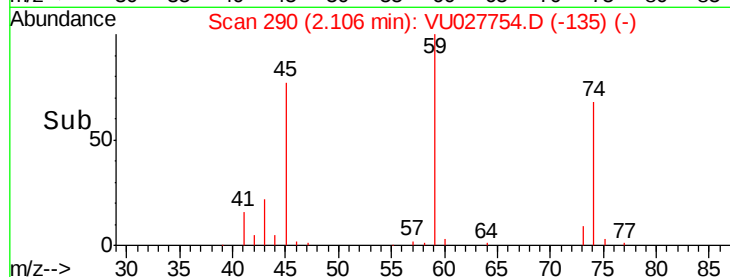
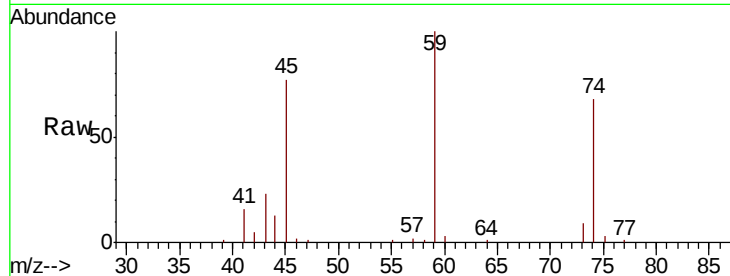




#23
Diethyl Ether
Concen: 10.050 ug/l
RT: 2.11 min Scan# 290
Delta R.T. -0.00 min
Lab File: VU027754.D
Acq: 23 Oct 2018 08:16

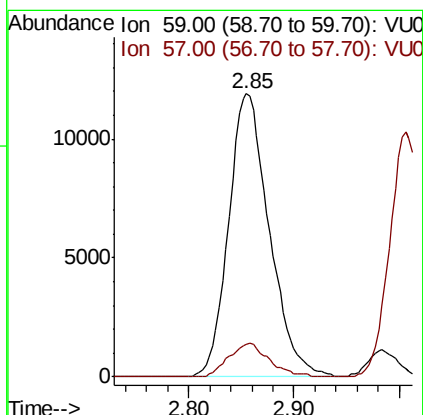
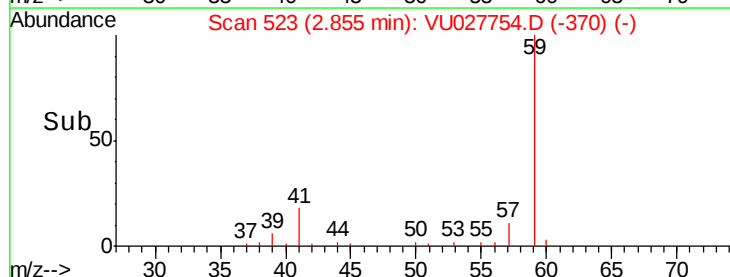
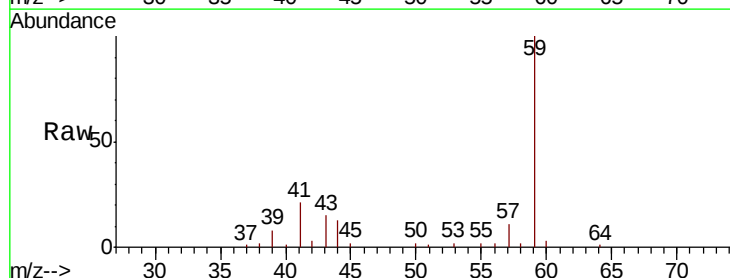
Instrument :
MSVOA_U
ClientSampleId :

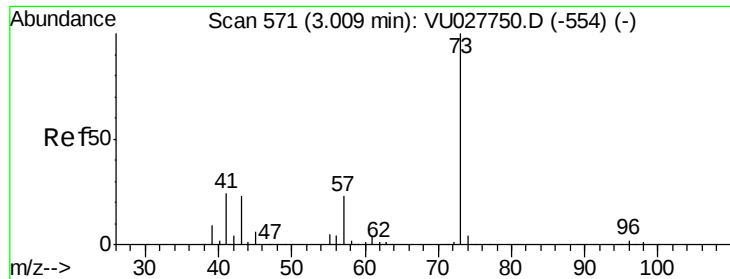
Tot Ion: 59 Resp: 29675
Ion Ratio Lower Upper
59 100
45 79.0 64.6 96.8
74 67.1 54.8 82.2



#24
tert-Butyl Alcohol
Concen: 100.948 ug/l
RT: 2.85 min Scan# 523
Delta R.T. -0.01 min
Lab File: VU027754.D
Acq: 23 Oct 2018 08:16

Tgt Ion: 59 Resp: 31795
Ion Ratio Lower Upper
59 100
57 11.8 4.4 6.6#



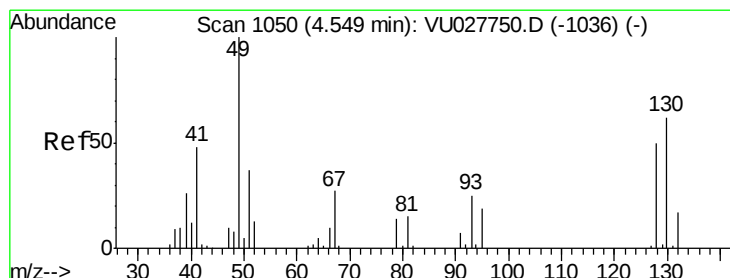
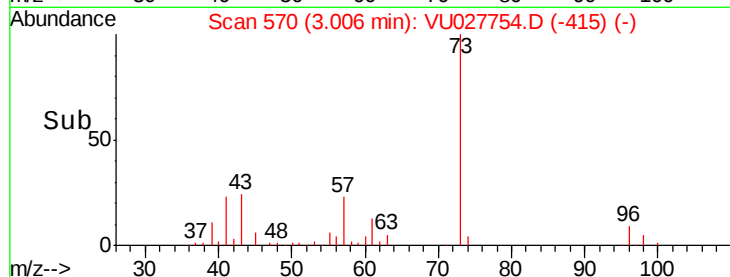
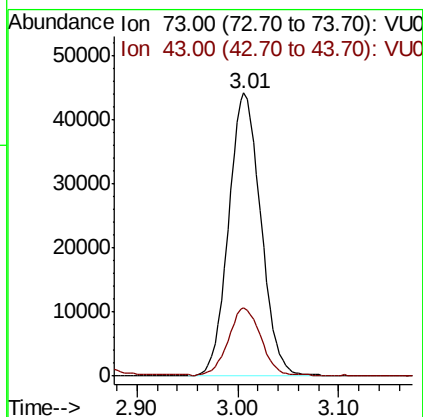
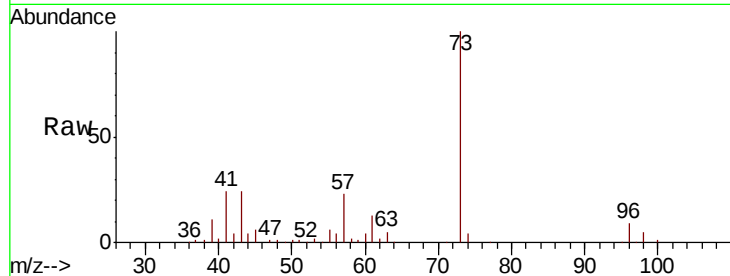


#25

Methyl tert-Butyl Ether
 Concen: 9.926 ug/l
 RT: 3.01 min Scan# 570
 Delta R.T. -0.00 min
 Lab File: VU027754.D
 Acq: 23 Oct 2018 08:16

Instrument :
 MSVOA_U
 ClientSampleId :

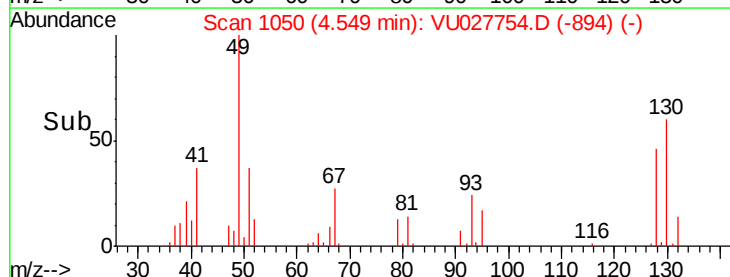
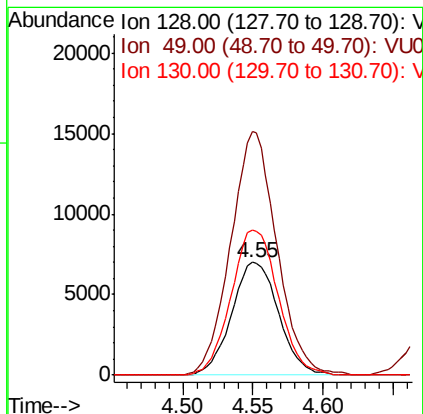
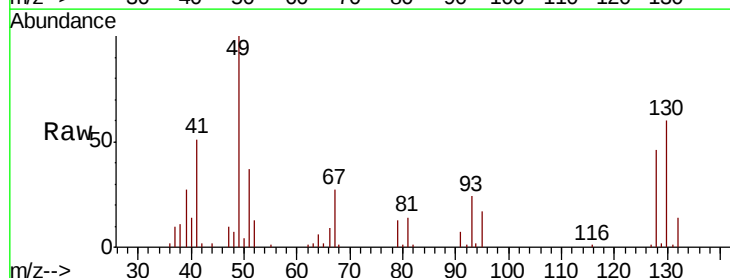
Tot Ion: 73 Resp: 98145
 Ion Ratio Lower Upper
 73 100
 43 23.8 18.6 27.8

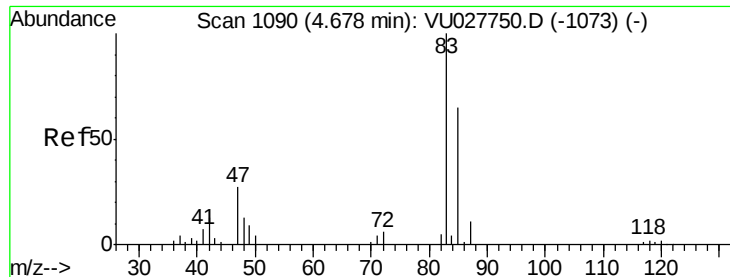


#26

Bromochloromethane
 Concen: 9.827 ug/l
 RT: 4.55 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VU027754.D
 Acq: 23 Oct 2018 08:16

Tgt Ion: 128 Resp: 16314
 Ion Ratio Lower Upper
 128 100
 49 211.8 0.0 427.6
 130 129.1 103.4 155.0

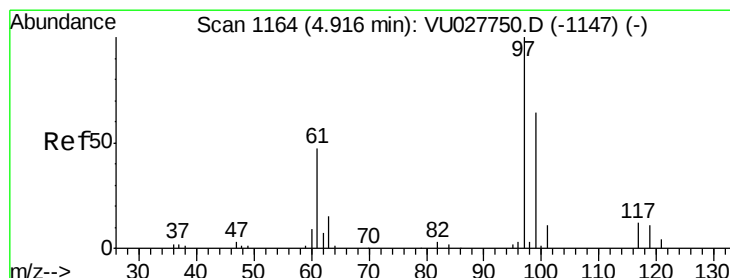
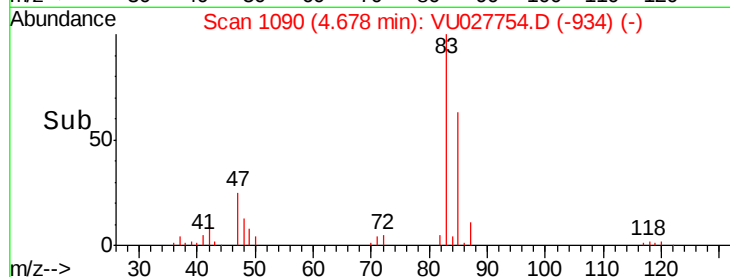
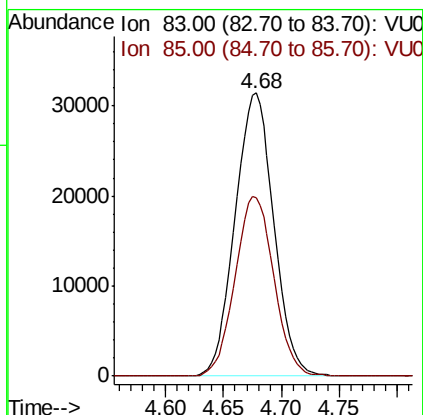
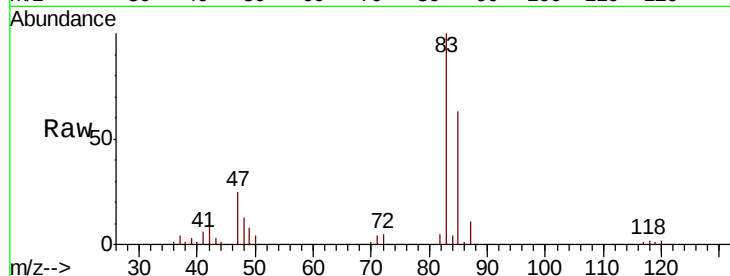




#27
Chloroform
Concen: 9.803 ug/l
RT: 4.68 min Scan# 1090
Delta R.T. 0.00 min
Lab File: VU027754.D
Acq: 23 Oct 2018 08:16

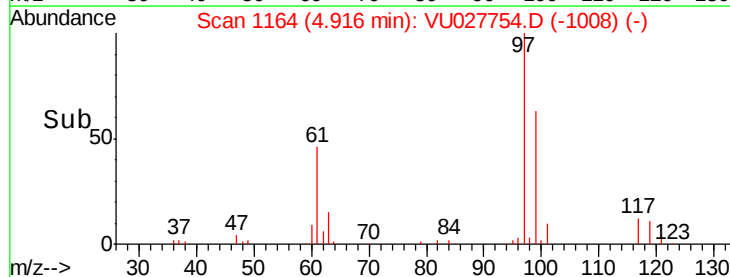
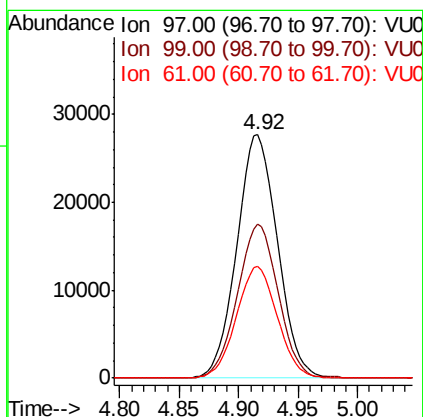
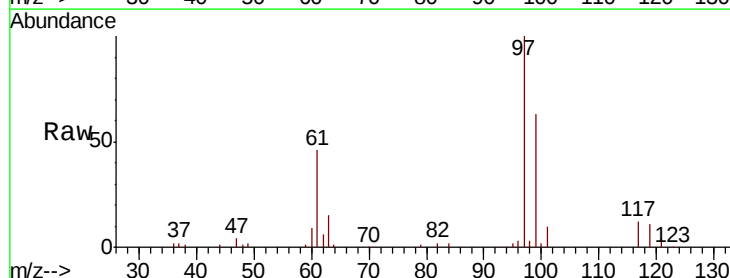
Instrument :
MSVOA_U
ClientSampleId :

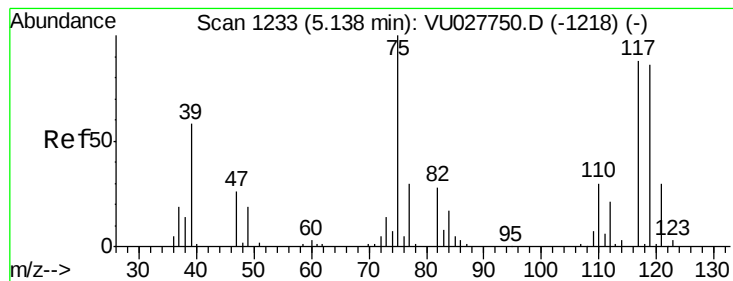
Tot Ion: 83 Resp: 72807
Ion Ratio Lower Upper
83 100
85 62.9 0.0 130.2



#28
1,1,1-Trichloroethane
Concen: 9.937 ug/l
RT: 4.92 min Scan# 1164
Delta R.T. 0.00 min
Lab File: VU027754.D
Acq: 23 Oct 2018 08:16

Tgt Ion: 97 Resp: 65697
Ion Ratio Lower Upper
97 100
99 63.2 31.8 95.4
61 46.0 23.6 70.8





#29

1,1-Dichloropropene

Concen: 10.107 ug/l

RT: 5.13 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VU027754.D

Acq: 23 Oct 2018 08:16

Instrument :

MSVOA_U

ClientSampleId :

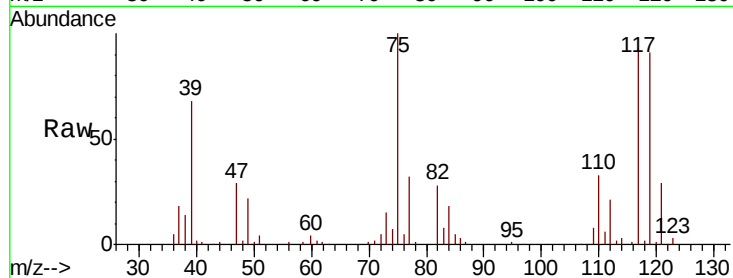
Tot Ion: 75 Resp: 58354

Ion Ratio Lower Upper

75 100

110 32.1 15.6 46.8

77 30.9 24.5 36.7

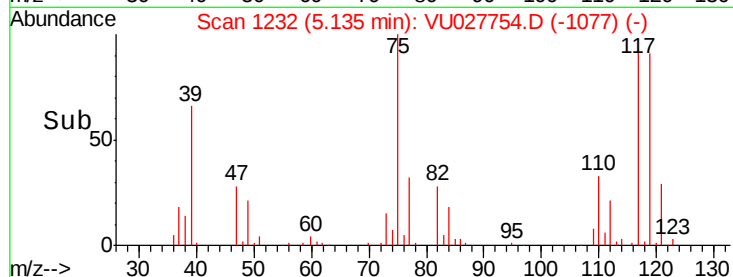


Abundance Ion 75.00 (74.70 to 75.70): VU027750.D (-1218) (-)

Ion 110.00 (109.70 to 110.70): VU027750.D (-1218) (-)

Ion 77.00 (76.70 to 77.70): VU027750.D (-1218) (-)

Time-->



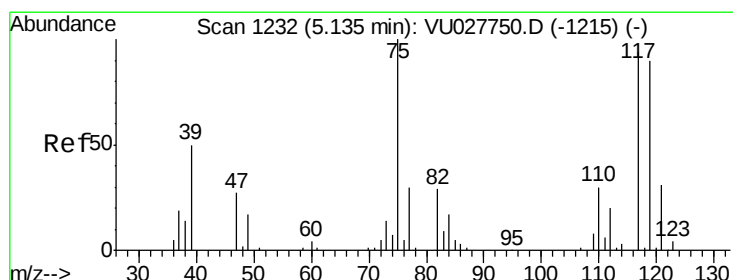
Abundance

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

Ion 110.00 (109.70 to 110.70): VU027750.D (-1218) (-)

Ion 77.00 (76.70 to 77.70): VU027750.D (-1218) (-)

Time-->



#30

Carbon Tetrachloride

Concen: 9.796 ug/l

RT: 5.13 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VU027754.D

Acq: 23 Oct 2018 08:16

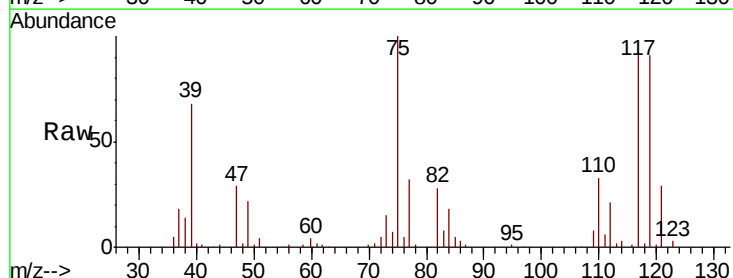
Tgt Ion: 117 Resp: 57863

Ion Ratio Lower Upper

117 100

119 97.4 76.2 114.4

121 30.8 26.4 39.6

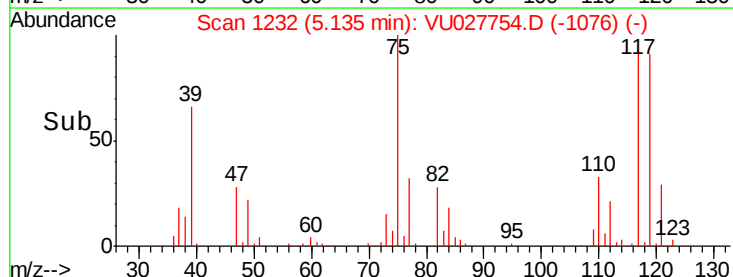


Abundance Ion 117.00 (116.70 to 117.70): VU027750.D (-1215) (-)

Ion 119.00 (118.70 to 119.70): VU027750.D (-1215) (-)

Ion 121.00 (120.70 to 121.70): VU027750.D (-1215) (-)

Time-->



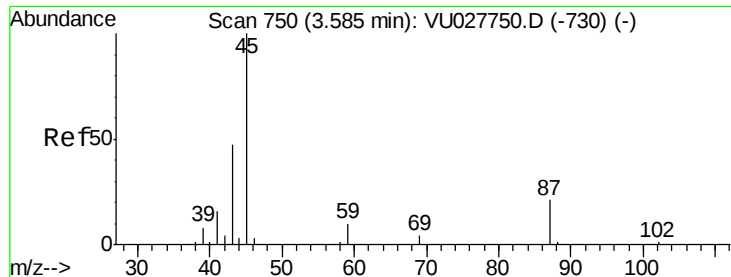
Abundance

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

Ion 119.00 (118.70 to 119.70): VU027750.D (-1215) (-)

Ion 121.00 (120.70 to 121.70): VU027750.D (-1215) (-)

Time-->



#31

Isopropyl Ether

Concen: 9.647 ug/l

RT: 3.58 min Scan# 749

Delta R.T. -0.00 min

Lab File: VU027754.D

Acq: 23 Oct 2018 08:16

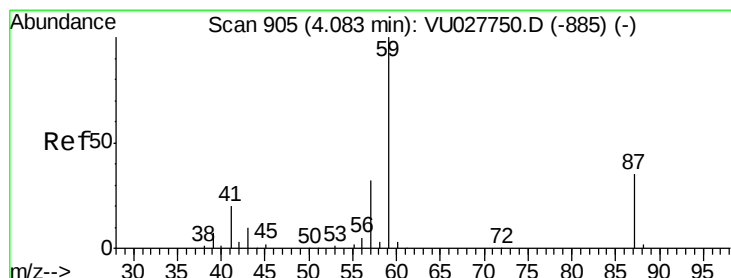
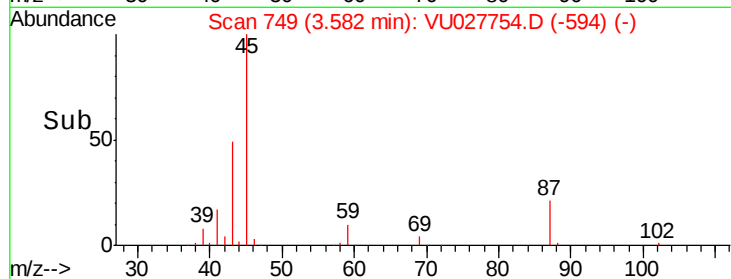
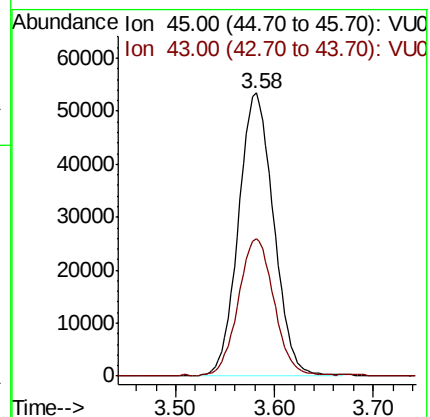
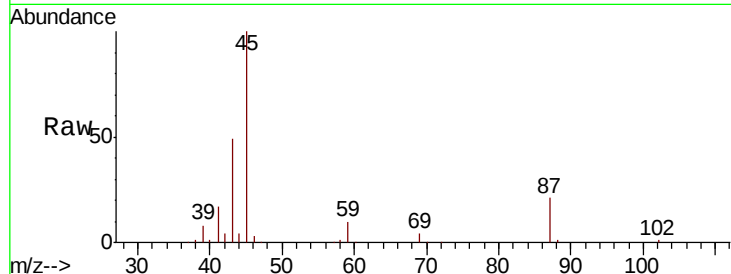
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 45 Resp: 132539

Ion Ratio Lower Upper

45 100

43 48.7 24.5 73.5



#32

Ethyl-t-butyl ether

Concen: 9.654 ug/l

RT: 4.08 min Scan# 904

Delta R.T. -0.00 min

Lab File: VU027754.D

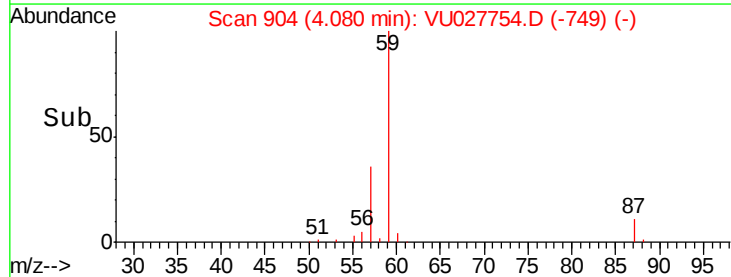
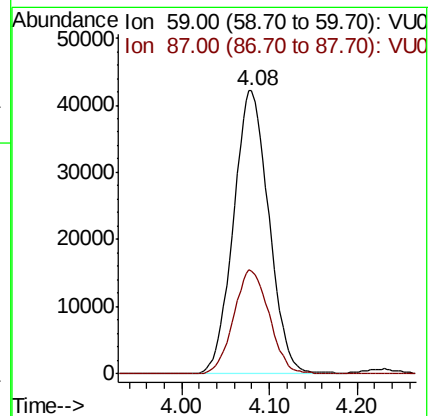
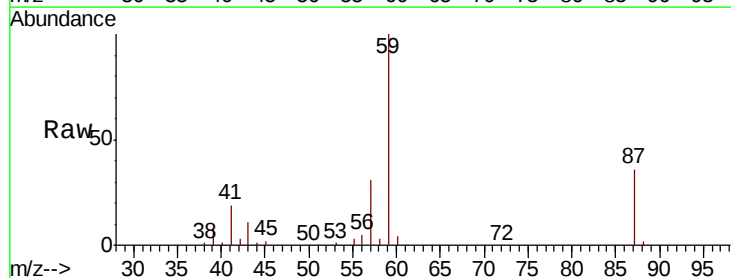
Acq: 23 Oct 2018 08:16

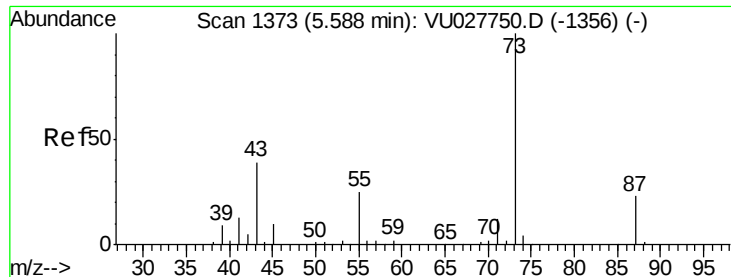
Tgt Ion: 59 Resp: 117682

Ion Ratio Lower Upper

59 100

87 36.7 29.4 44.0

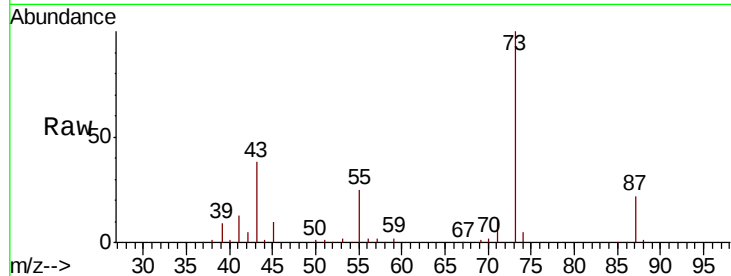




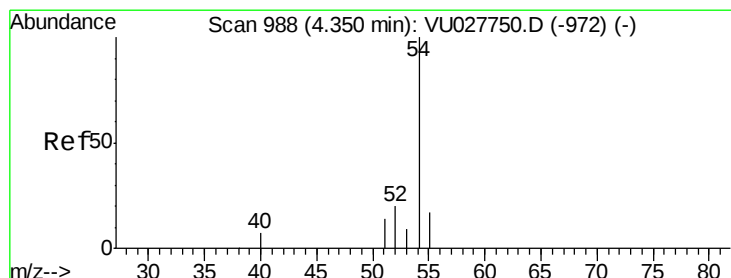
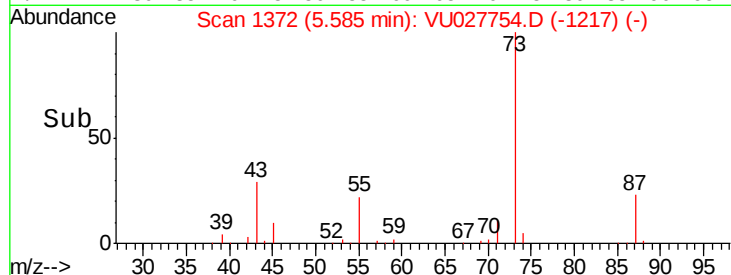
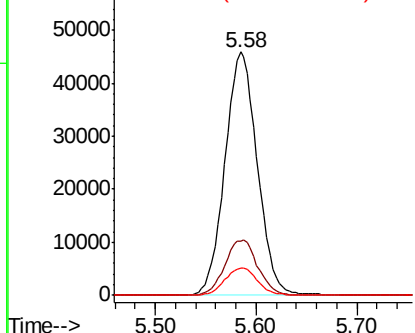
#33
Tert-Amvl methvl ether
Concen: 9.854 ug/l
RT: 5.58 min Scan# 1372
Delta R.T. -0.00 min
Lab File: VU027754.D
Acq: 23 Oct 2018 08:16

Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 73 Resp: 101957
Ion Ratio Lower Upper
73 100
87 23.2 18.5 27.7
71 11.3 9.1 13.7

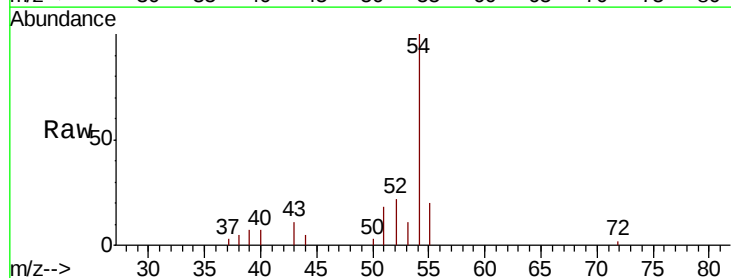


Abundance Ion 73.00 (72.70 to 73.70): VU0
Ion 87.00 (86.70 to 87.70): VU0
Ion 71.00 (70.70 to 71.70): VU0

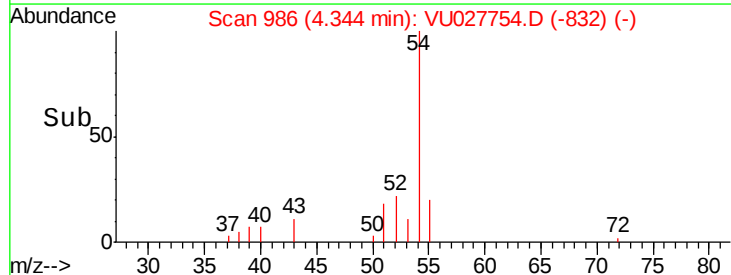
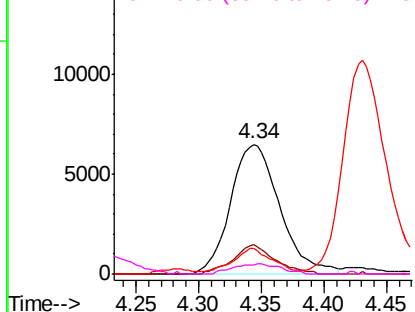


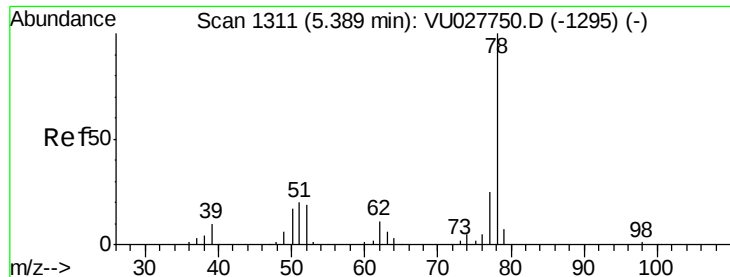
#34
Propionitrile
Concen: 51.734 ug/l
RT: 4.34 min Scan# 986
Delta R.T. -0.01 min
Lab File: VU027754.D
Acq: 23 Oct 2018 08:16

Tgt Ion: 54 Resp: 17689
Ion Ratio Lower Upper
54 100
52 19.2 15.5 23.3
55 14.1 12.6 18.8
40 7.5 6.1 9.1



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





#35

Benzene

Concen: 9.835 ug/l

RT: 5.39 min Scan# 1312

Delta R.T. 0.00 min

Lab File: VU027754.D

Acq: 23 Oct 2018 08:16

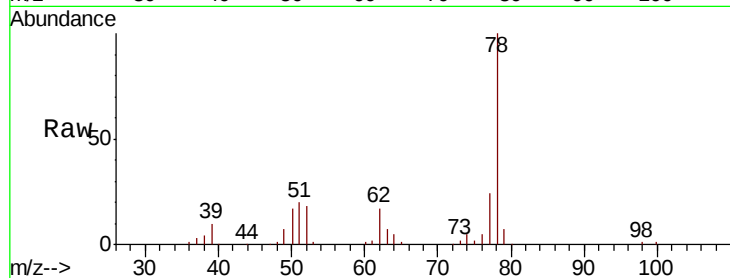
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 78 Resp: 158690

Ion Ratio Lower Upper

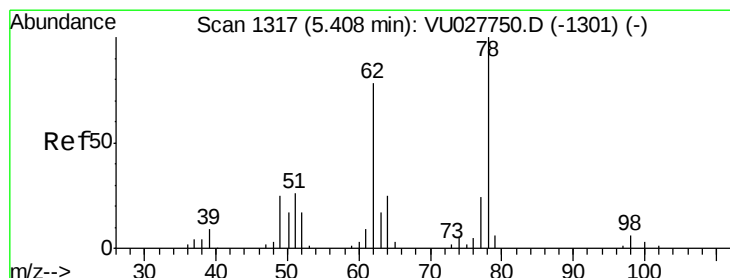
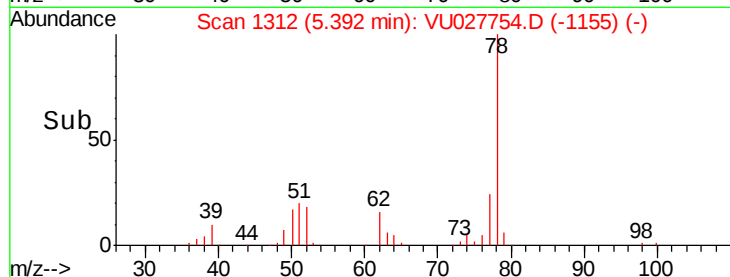
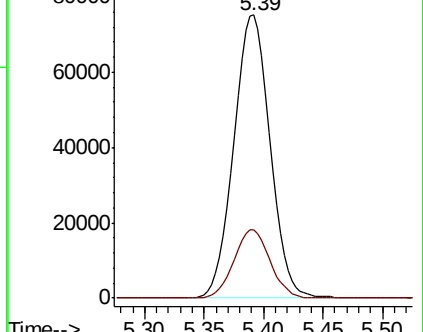
78 100

77 24.1 19.9 29.9



Abundance Ion 78.10 (77.80 to 78.80): VU027750.D (-1295) (-)

Ion 77.00 (76.70 to 77.70): VU027750.D (-1295) (-)



#36

1,2-Dichloroethane

Concen: 9.844 ug/l

RT: 5.41 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VU027754.D

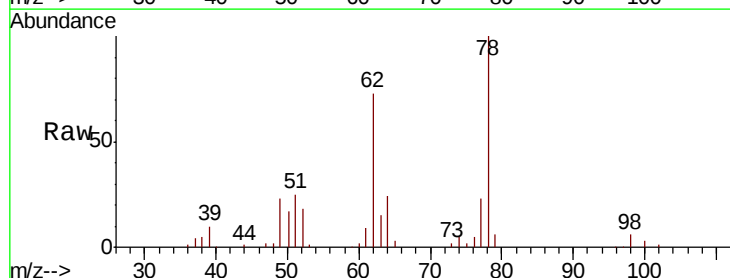
Acq: 23 Oct 2018 08:16

Tgt Ion: 62 Resp: 52863

Ion Ratio Lower Upper

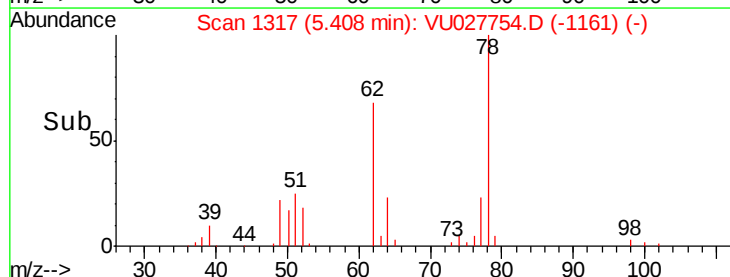
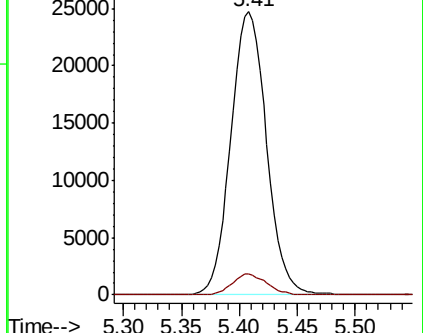
62 100

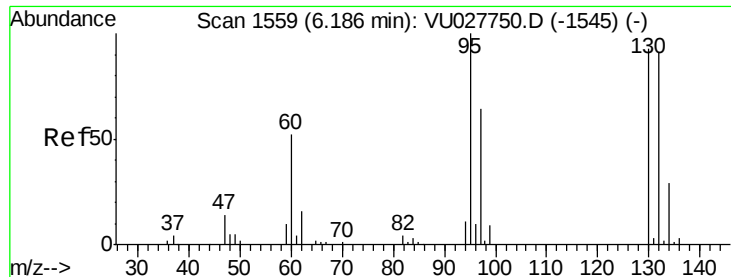
98 7.0 5.8 8.6



Abundance Ion 62.00 (61.70 to 62.70): VU027750.D (-1301) (-)

Ion 98.00 (97.70 to 98.70): VU027750.D (-1301) (-)

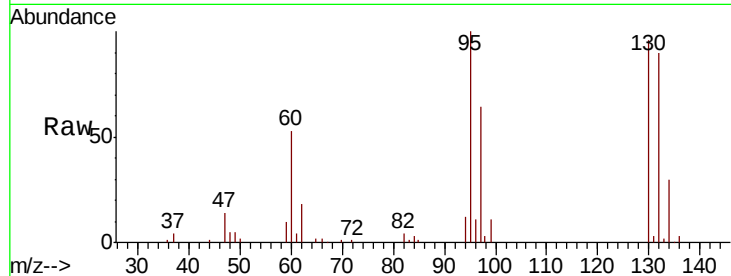




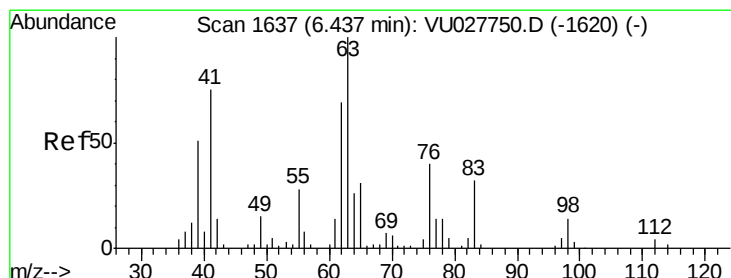
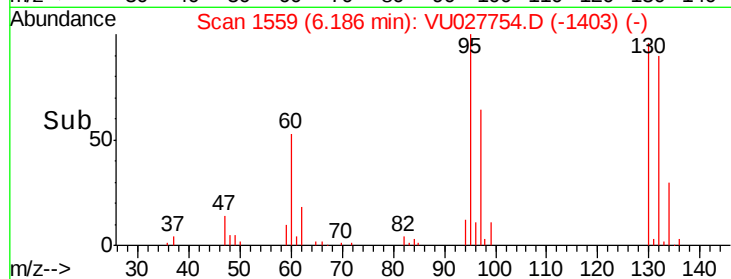
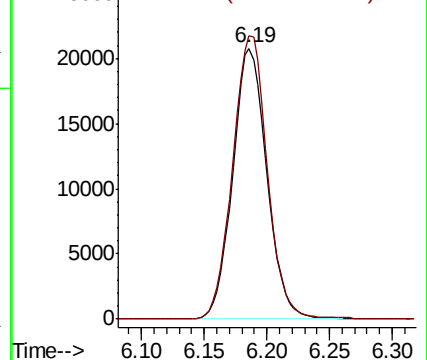
#37
 Trichloroethene
 Concen: 9.875 ug/l
 RT: 6.19 min Scan# 1559
 Delta R.T. 0.00 min
 Lab File: VU027754.D
 Acq: 23 Oct 2018 08:16

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion:130 Resp: 39307
 Ion Ratio Lower Upper
 130 100
 95 104.5 86.4 129.6

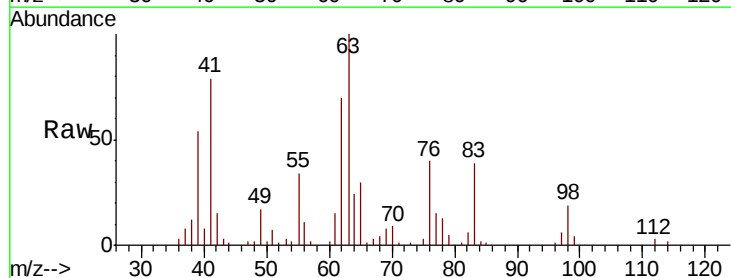


Abundance Ion 129.90 (129.60 to 130.60): VU027750.D (-1545) (-)
 Ion 94.90 (94.60 to 95.60): VU027750.D (-1545) (-)

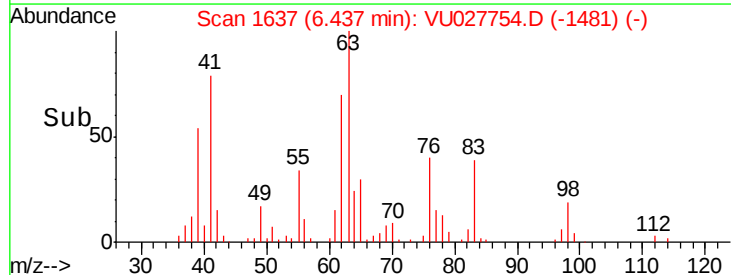
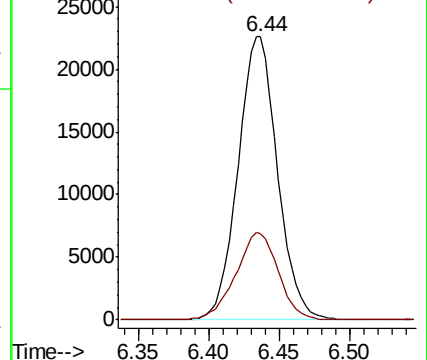


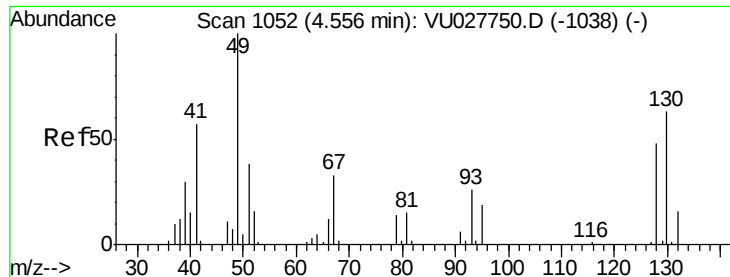
#38
 1,2-Dichloropropane
 Concen: 9.740 ug/l
 RT: 6.44 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: VU027754.D
 Acq: 23 Oct 2018 08:16

Tgt Ion: 63 Resp: 44134
 Ion Ratio Lower Upper
 63 100
 65 30.5 24.9 37.3



Abundance Ion 63.00 (62.70 to 63.70): VU027750.D (-1620) (-)
 Ion 65.00 (64.70 to 65.70): VU027750.D (-1620) (-)

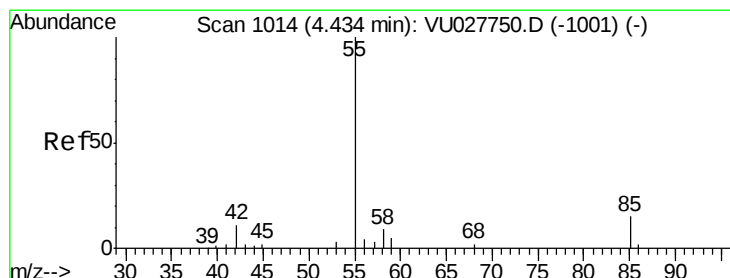
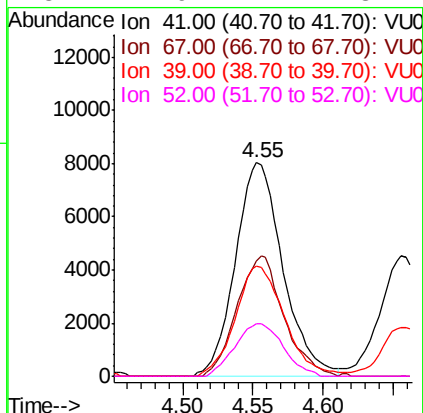
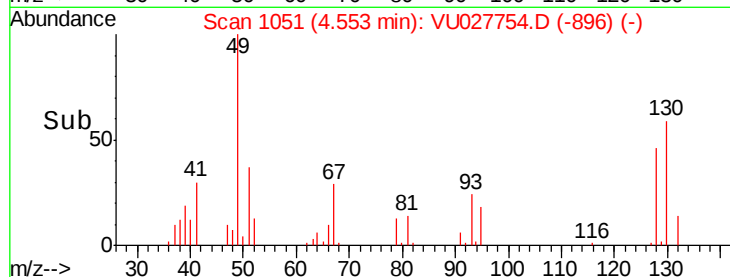
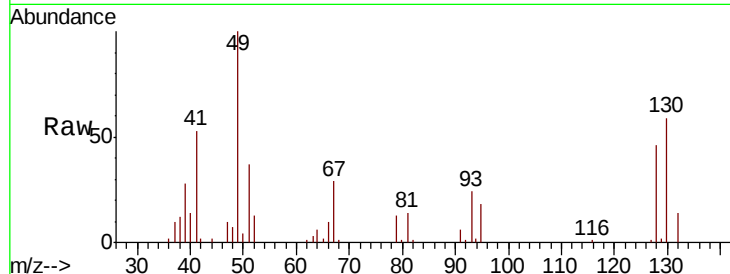




#39
Methacrylonitrile
Concen: 10.035 ug/l
RT: 4.55 min Scan# 1051
Delta R.T. -0.00 min
Lab File: VU027754.D
Acq: 23 Oct 2018 08:16

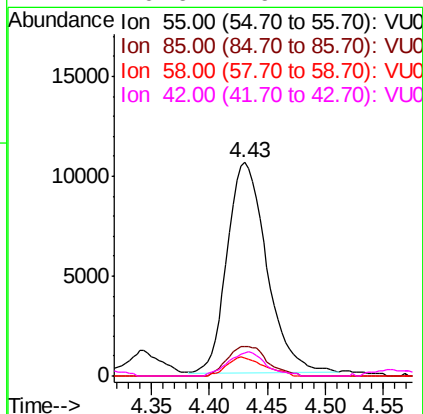
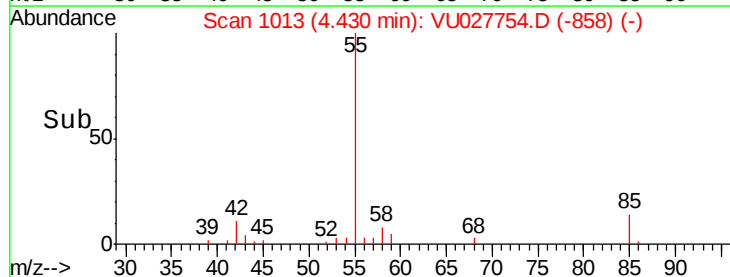
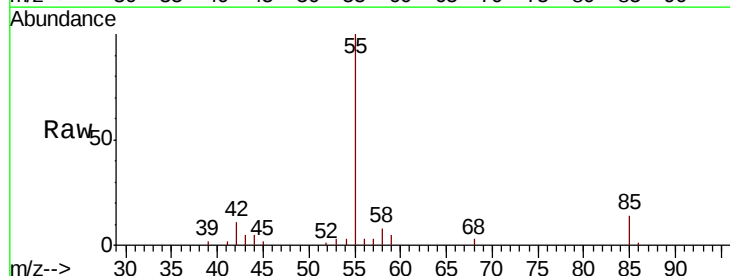
Instrument :
MSVOA_U
ClientSampleId :

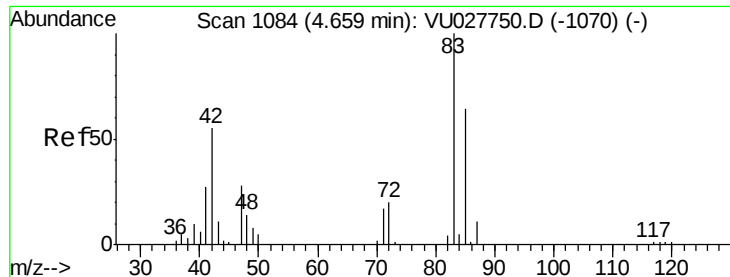
Tot Ion:	41	Resp:	18949
Ion	Ratio	Lower	Upper
41	100		
67	55.2	46.1	69.1
39	53.3	43.6	65.4
52	24.9	21.4	32.2



#40
Methyl acrylate
Concen: 10.209 ug/l
RT: 4.43 min Scan# 1013
Delta R.T. -0.00 min
Lab File: VU027754.D
Acq: 23 Oct 2018 08:16

Tgt Ion:	55	Resp:	25112
Ion	Ratio	Lower	Upper
55	100		
85	14.0	11.8	17.6
58	8.4	7.0	10.4
42	10.6	9.4	14.2





#41

Tetrahydrofuran

Concen: 17.596 ug/l

RT: 4.66 min Scan# 1083

Delta R.T. -0.00 min

Lab File: VU027754.D

Acq: 23 Oct 2018 08:16

Instrument :

MSVOA_U

ClientSampleId :

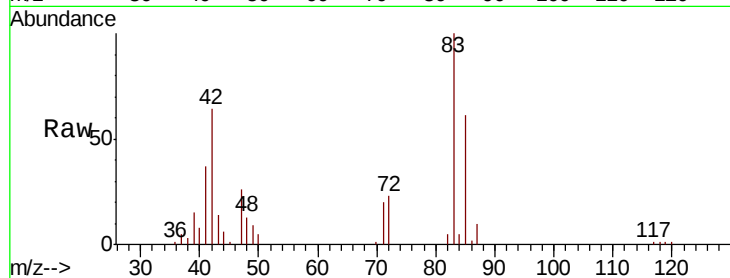
Tot Ion: 42 Resp: 18359

Ion Ratio Lower Upper

42 100

72 37.9 30.6 45.8

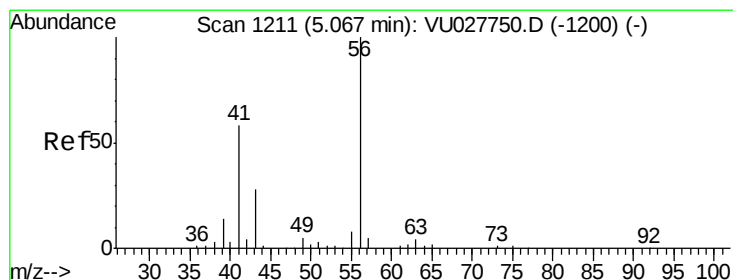
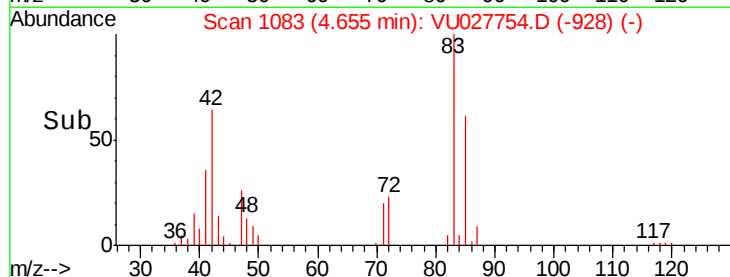
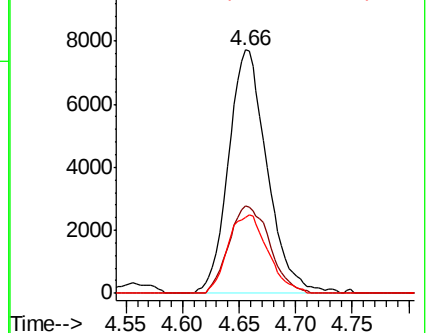
71 33.4 25.2 37.8



Abundance Ion 42.00 (41.70 to 42.70): VU0

Ion 72.00 (71.70 to 72.70): VU0

Ion 71.00 (70.70 to 71.70): VU0



#42

1-Chlorobutane

Concen: 9.749 ug/l

RT: 5.07 min Scan# 1211

Delta R.T. 0.00 min

Lab File: VU027754.D

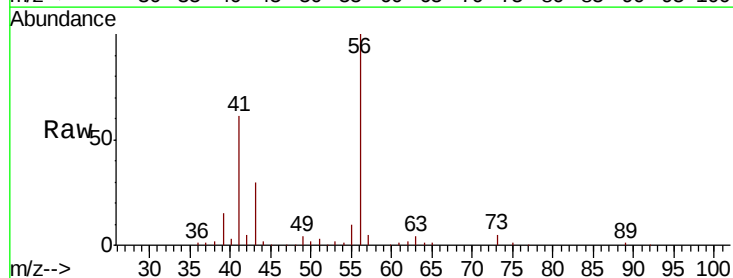
Acq: 23 Oct 2018 08:16

Tgt Ion: 56 Resp: 88810

Ion Ratio Lower Upper

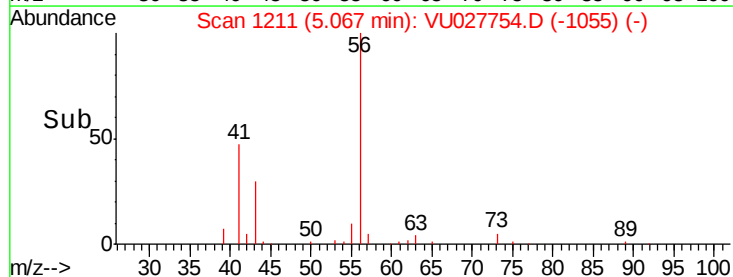
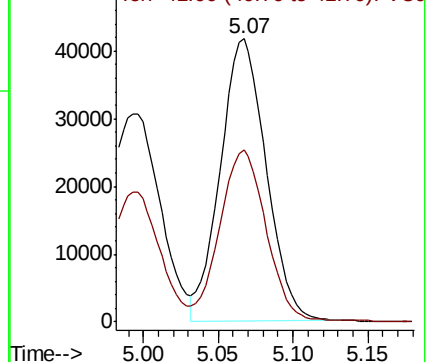
56 100

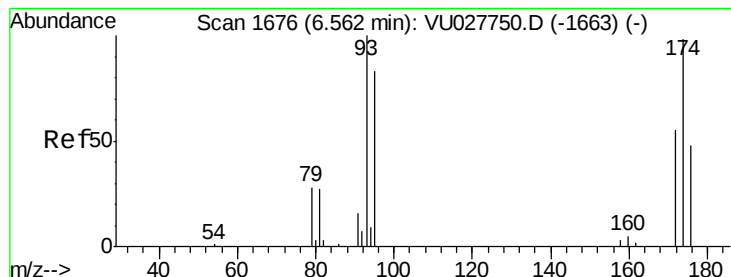
41 62.3 29.4 88.2



Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 41.00 (40.70 to 41.70): VU0





#43

Dibromomethane

Concen: 10.191 ug/l

RT: 6.56 min Scan# 1676

Delta R.T. 0.00 min

Lab File: VU027754.D

Acq: 23 Oct 2018 08:16

Instrument :

MSVOA_U

ClientSampled :

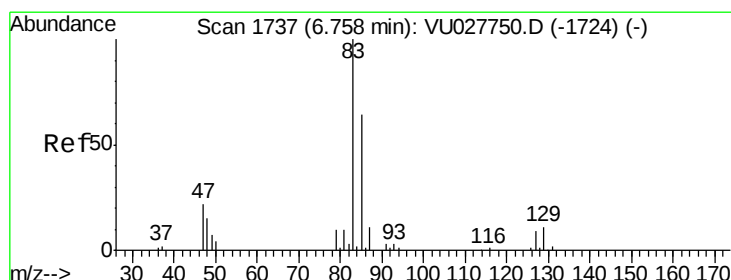
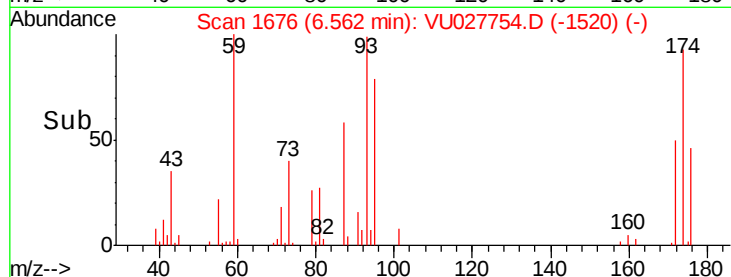
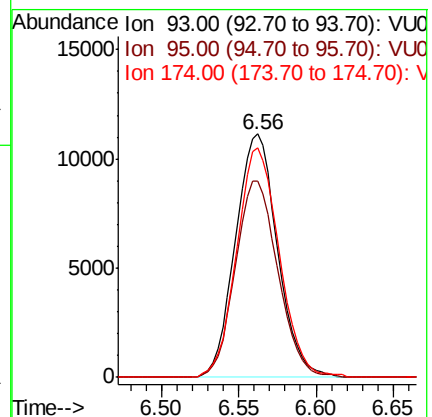
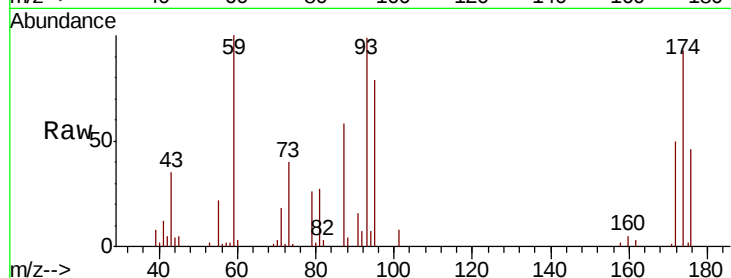
Tot Ion: 93 Resp: 20995

Ion Ratio Lower Upper

93 100

95 81.8 64.2 96.2

174 95.3 76.7 115.1



#44

Bromodichloromethane

Concen: 10.153 ug/l

RT: 6.76 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VU027754.D

Acq: 23 Oct 2018 08:16

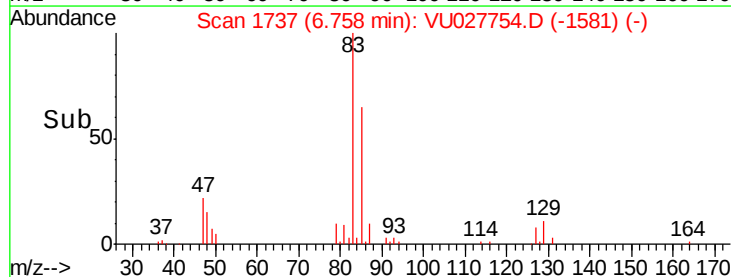
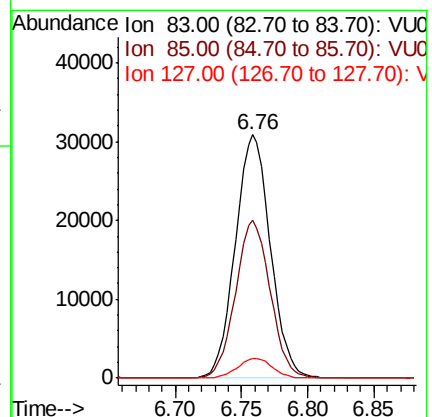
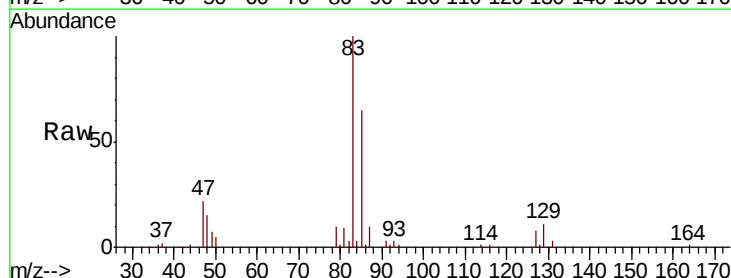
Tgt Ion: 83 Resp: 56780

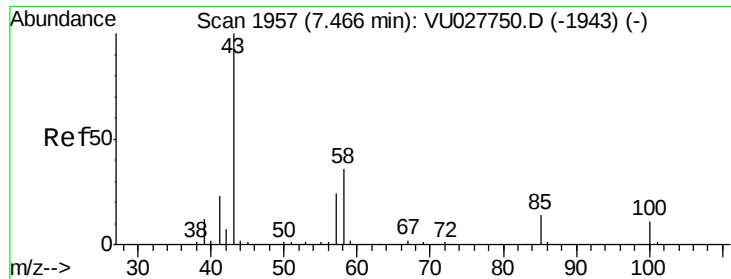
Ion Ratio Lower Upper

83 100

85 64.6 51.5 77.3

127 8.0 7.0 10.4

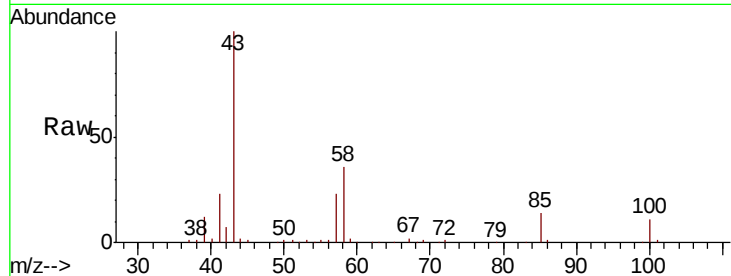




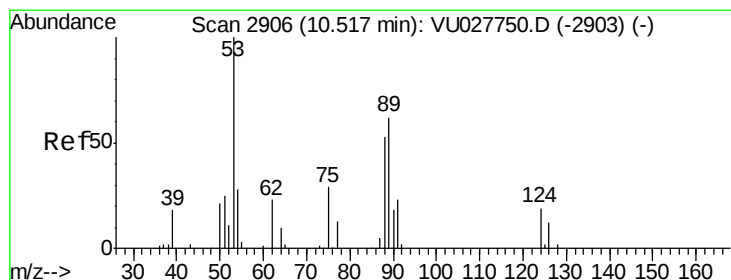
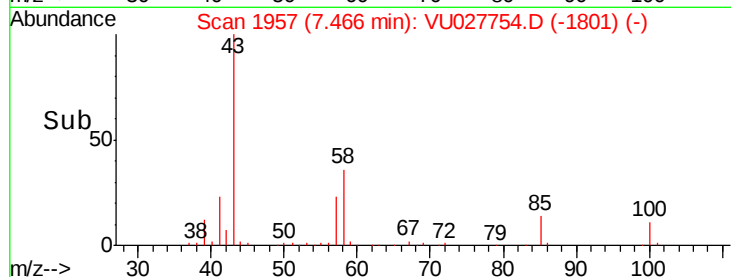
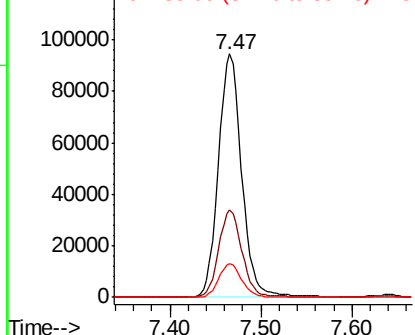
#45
4-Methyl-2-Pentanone
Concen: 50.503 ug/l
RT: 7.47 min Scan# 1957
Delta R.T. 0.00 min
Lab File: VU027754.D
Acq: 23 Oct 2018 08:16

Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 43 Resp: 168874
Ion Ratio Lower Upper
43 100
58 35.9 17.9 53.8
85 13.8 11.4 17.0

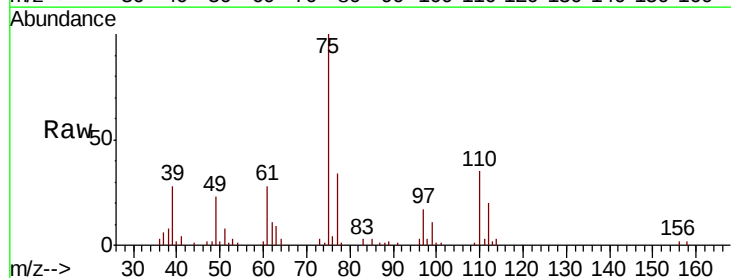


Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0
Ion 85.00 (84.70 to 85.70): VU0

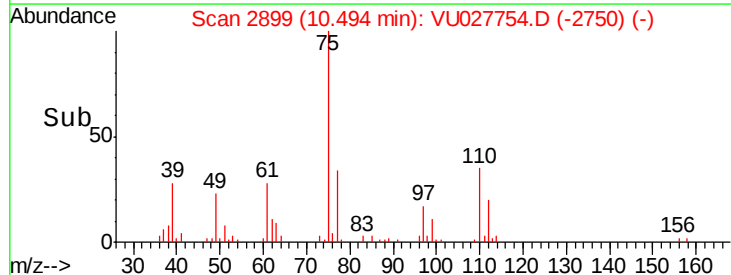
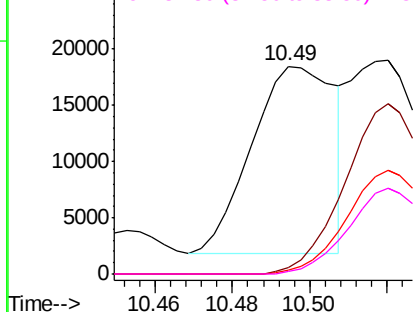


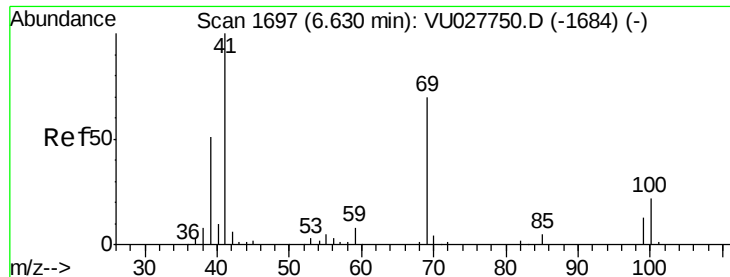
#46
t-1,4-Dichloro-2-butene
Concen: 20.500 ug/l
RT: 10.49 min Scan# 2899
Delta R.T. -0.02 min
Lab File: VU027754.D
Acq: 23 Oct 2018 08:16

Tgt Ion: 75 Resp: 24713
Ion Ratio Lower Upper
75 100
53 92.3 68.2 102.4
89 57.1 41.8 62.6
88 46.2 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

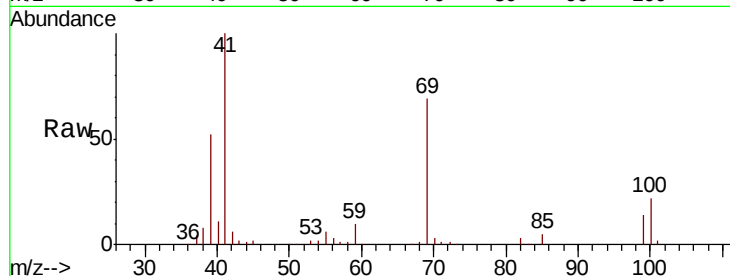




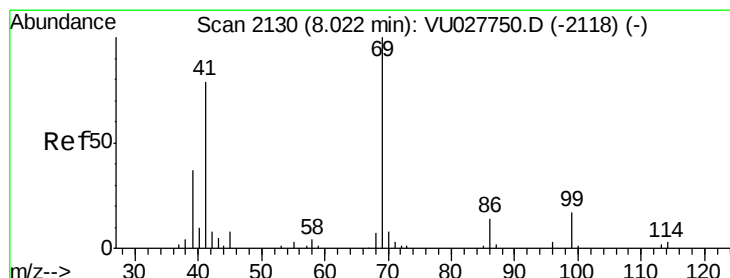
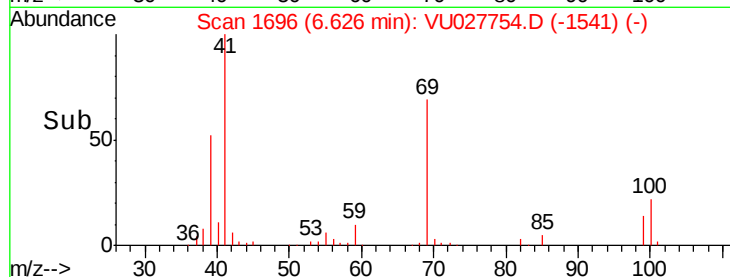
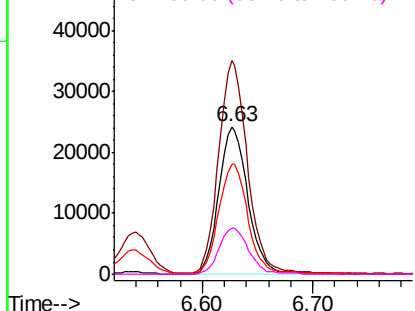
#47
Methyl methacrylate
Concen: 20.389 ug/l
RT: 6.63 min Scan# 1696
Delta R.T. -0.00 min
Lab File: VU027754.D
Acq: 23 Oct 2018 08:16

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 69 Resp: 44294
Ion Ratio Lower Upper
69 100
41 141.6 0.0 281.2
39 75.5 58.6 88.0
100 31.7 24.8 37.2

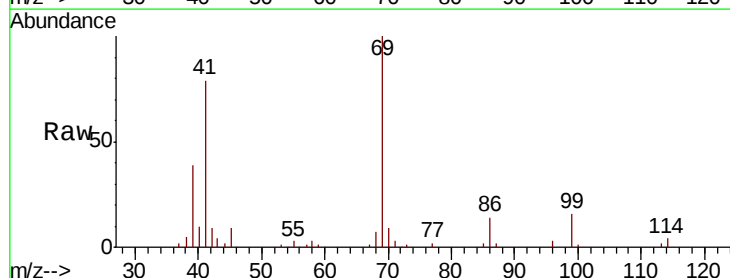


Abundance Ion 69.00 (68.70 to 69.70): VU0
Ion 41.00 (40.70 to 41.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 100.00 (99.70 to 100.70): VU0

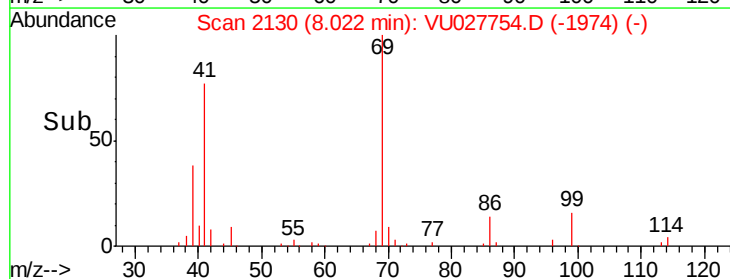
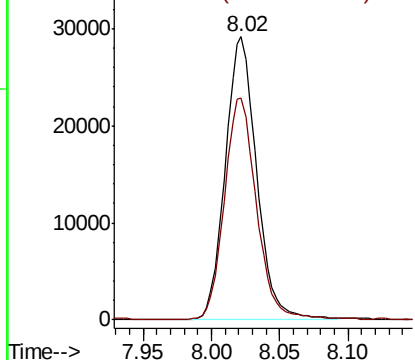


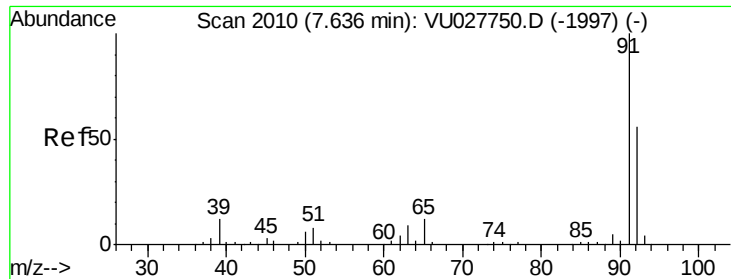
#48
Ethyl methacrylate
Concen: 10.337 ug/l
RT: 8.02 min Scan# 2130
Delta R.T. 0.00 min
Lab File: VU027754.D
Acq: 23 Oct 2018 08:16

Tgt Ion: 69 Resp: 46671
Ion Ratio Lower Upper
69 100
41 80.3 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: 10.256 ug/l

RT: 7.64 min Scan# 2010

Delta R.T. 0.00 min

Lab File: VU027754.D

Acq: 23 Oct 2018 08:16

Instrument :

MSVOA_U

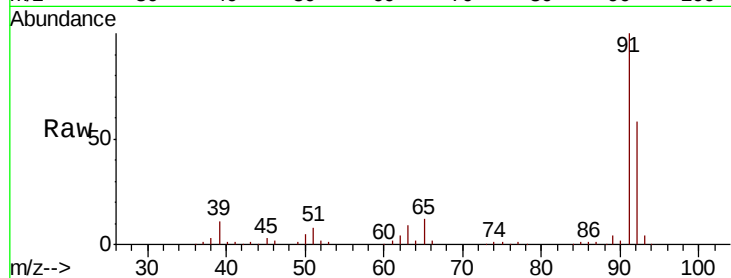
ClientSampled :

Tot Ion: 92 Resp: 98187

Ion Ratio Lower Upper

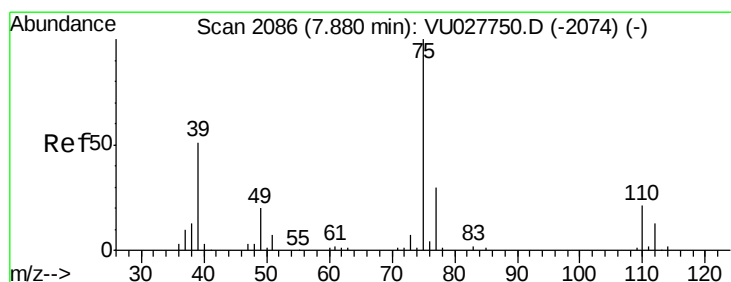
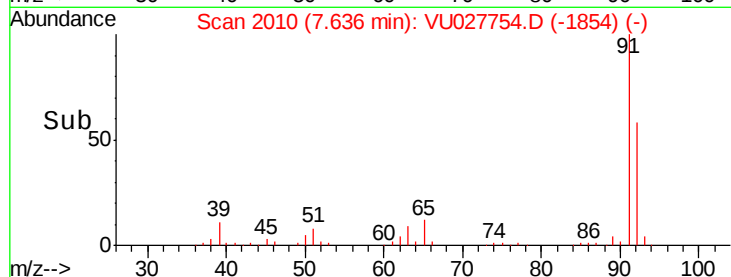
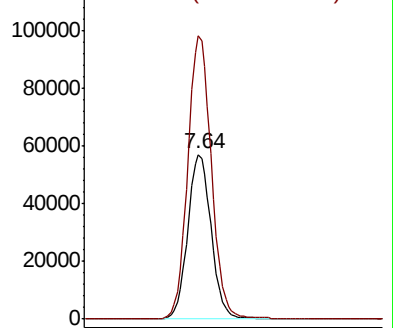
92 100

91 174.1 141.8 212.8



Abundance Ion 92.00 (91.70 to 92.70): VU027750.D

Ion 91.00 (90.70 to 91.70): VU027750.D



#50

t-1,3-Dichloropropene

Concen: 10.340 ug/l

RT: 7.88 min Scan# 2086

Delta R.T. 0.00 min

Lab File: VU027754.D

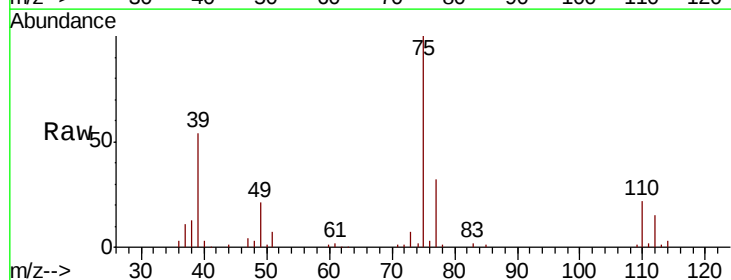
Acq: 23 Oct 2018 08:16

Tgt Ion: 75 Resp: 57622

Ion Ratio Lower Upper

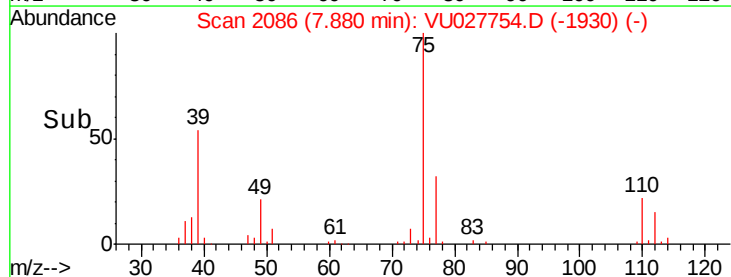
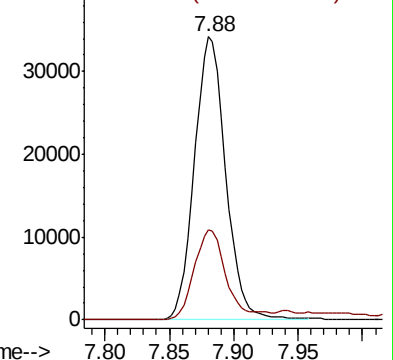
75 100

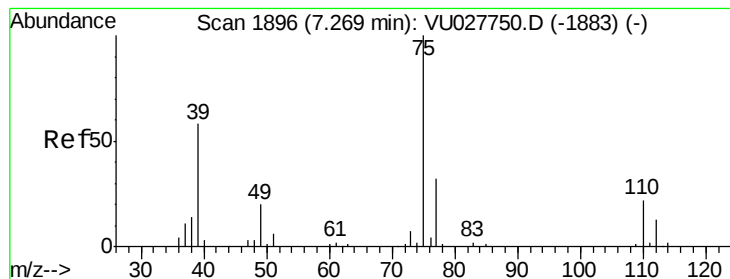
77 32.0 24.1 36.1



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

Ion 77.00 (76.70 to 77.70): VU027750.D



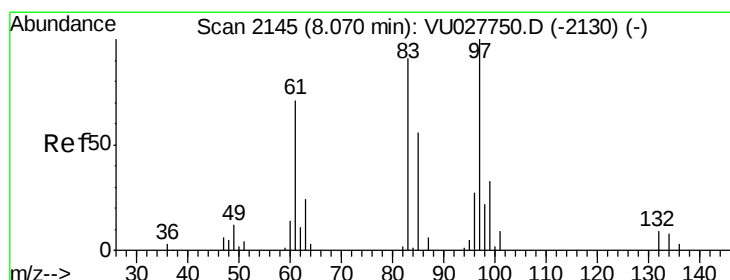
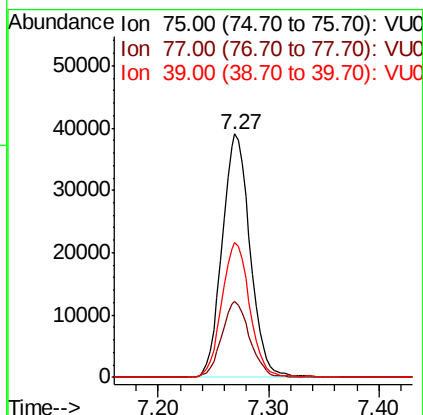
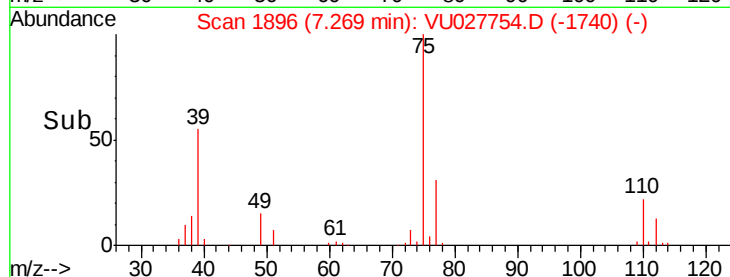
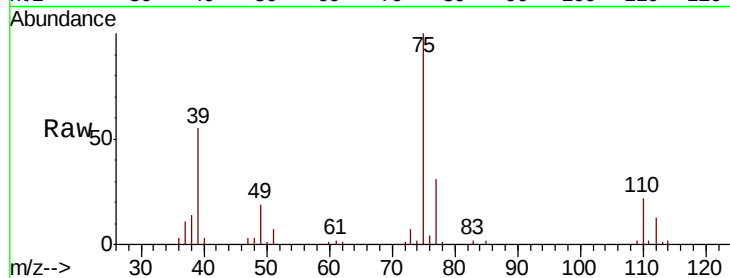


#51

cis-1,3-Dichloropropene
Concen: 10.437 ug/l
RT: 7.27 min Scan# 1896
Delta R.T. 0.00 min
Lab File: VU027754.D
Acq: 23 Oct 2018 08:16

Instrument :
MSVOA_U
ClientSampleId :

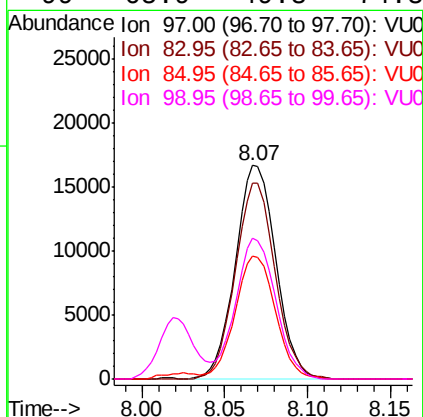
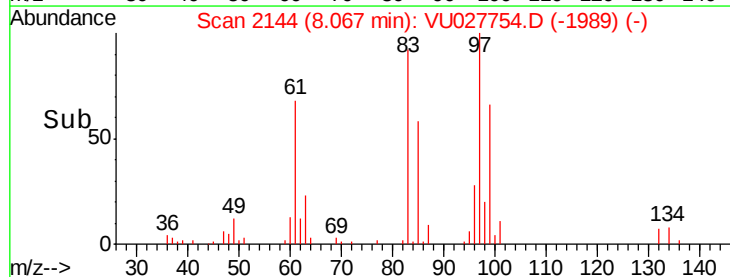
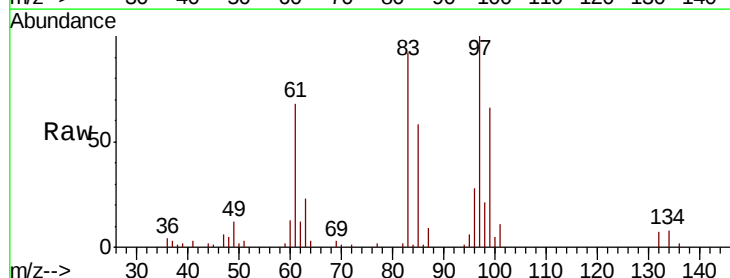
Tot Ion	Ratio	Lower	Upper
75	100		
77	31.0	25.3	37.9
39	55.2	46.4	69.6

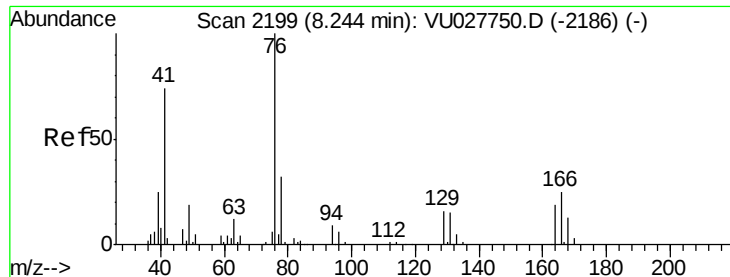


#52

1,1,2-Trichloroethane
Concen: 10.191 ug/l
RT: 8.07 min Scan# 2144
Delta R.T. -0.00 min
Lab File: VU027754.D
Acq: 23 Oct 2018 08:16

Tgt Ion	Ratio	Lower	Upper
97	100		
83	91.8	73.0	109.6
85	57.6	46.5	69.7
99	65.9	49.8	74.8

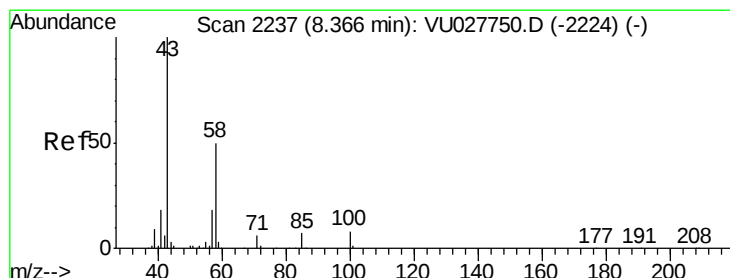
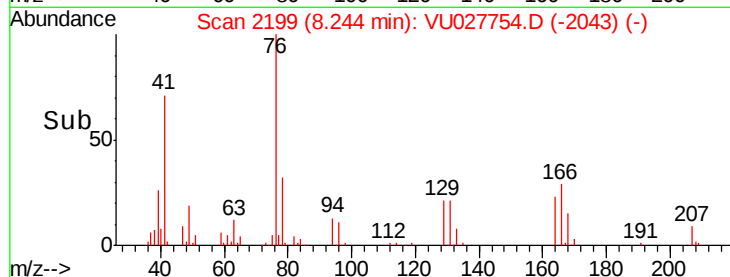
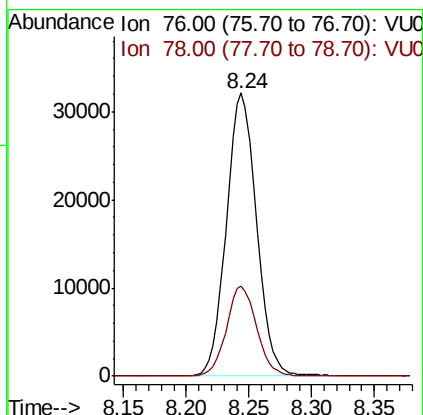
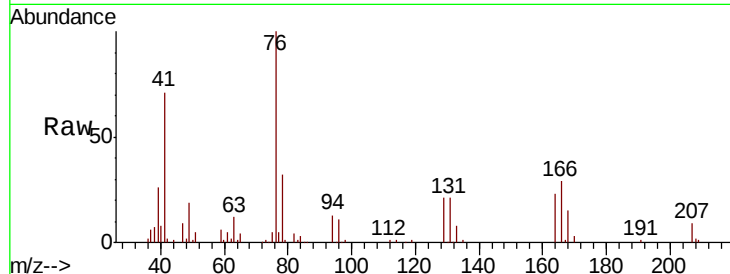




#53
 1,3-Dichloropropane
 Concen: 10.023 ug/l
 RT: 8.24 min Scan# 2199
 Delta R.T. 0.00 min
 Lab File: VU027754.D
 Acq: 23 Oct 2018 08:16

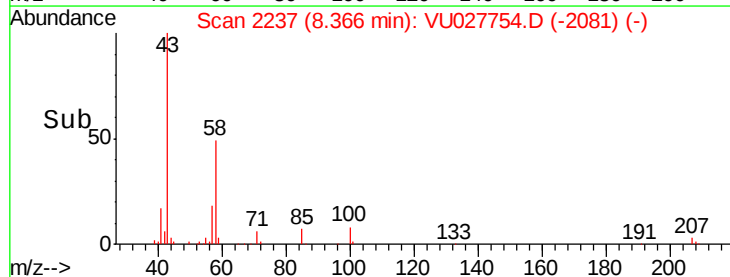
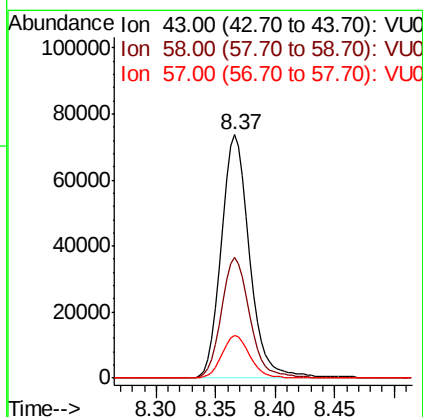
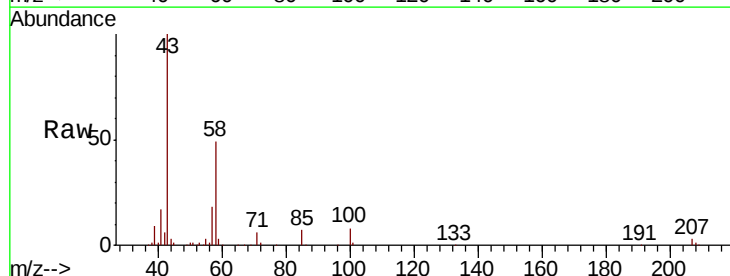
Instrument :
 MSVOA_U
 ClientSampleId :

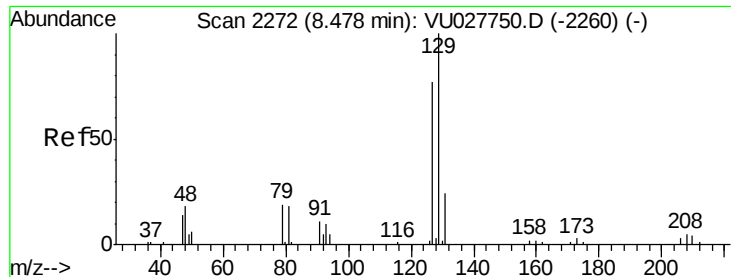
Tot Ion: 76 Resp: 53577
 Ion Ratio Lower Upper
 76 100
 78 31.8 25.4 38.0



#54
 2-Hexanone
 Concen: 51.076 ug/l
 RT: 8.37 min Scan# 2237
 Delta R.T. 0.00 min
 Lab File: VU027754.D
 Acq: 23 Oct 2018 08:16

Tgt Ion: 43 Resp: 121706
 Ion Ratio Lower Upper
 43 100
 58 50.0 30.0 70.0
 57 17.5 0.0 37.7

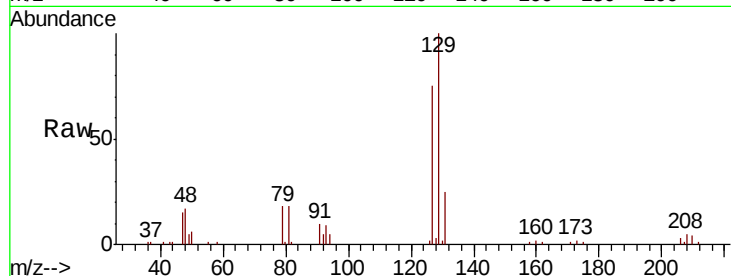




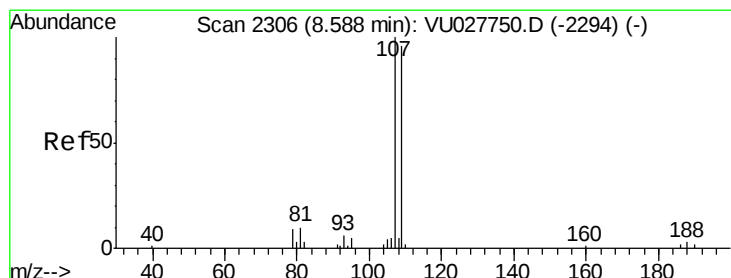
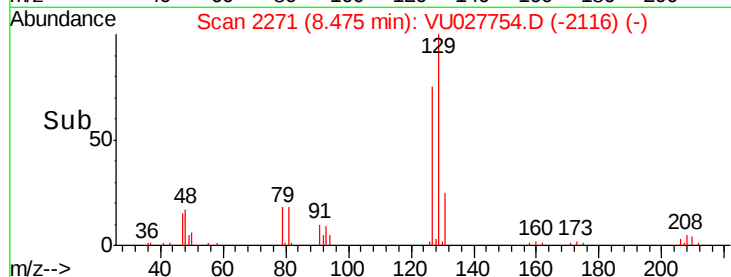
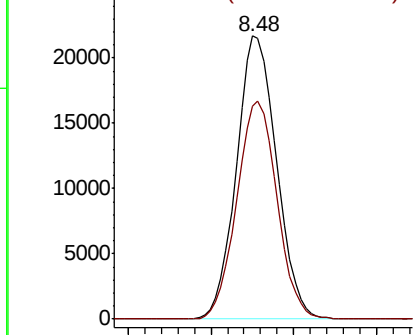
#55
 Dibromochloromethane
 Concen: 10.440 ug/l
 RT: 8.48 min Scan# 2271
 Delta R.T. -0.00 min
 Lab File: VU027754.D
 Acq: 23 Oct 2018 08:16

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion:129 Resp: 36517
 Ion Ratio Lower Upper
 129 100
 127 77.1 61.9 92.9

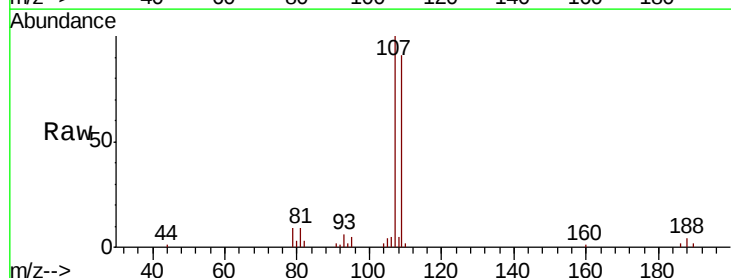


Abundance Ion 129.00 (128.70 to 129.70): V
 Ion 127.00 (126.70 to 127.70): V

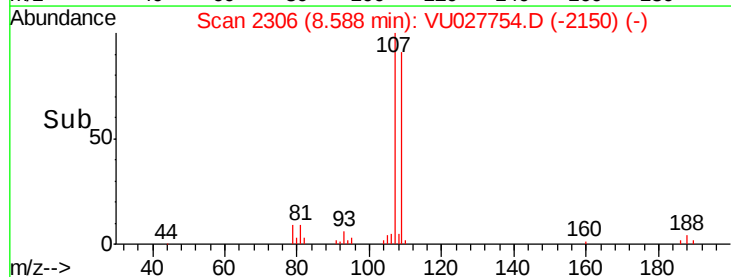
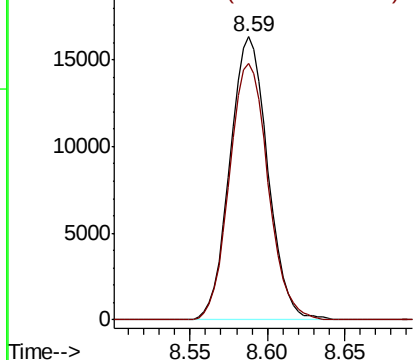


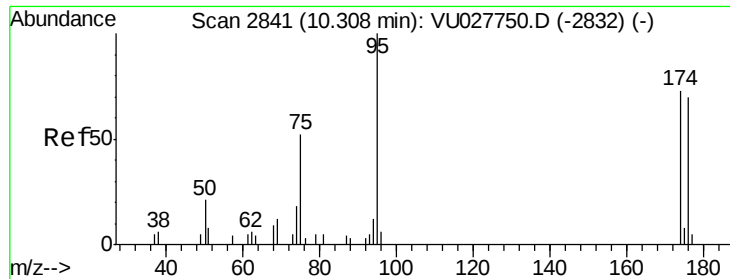
#56
 1,2-Dibromoethane
 Concen: 10.132 ug/l
 RT: 8.59 min Scan# 2306
 Delta R.T. 0.00 min
 Lab File: VU027754.D
 Acq: 23 Oct 2018 08:16

Tgt Ion:107 Resp: 27677
 Ion Ratio Lower Upper
 107 100
 109 92.6 0.0 188.4



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

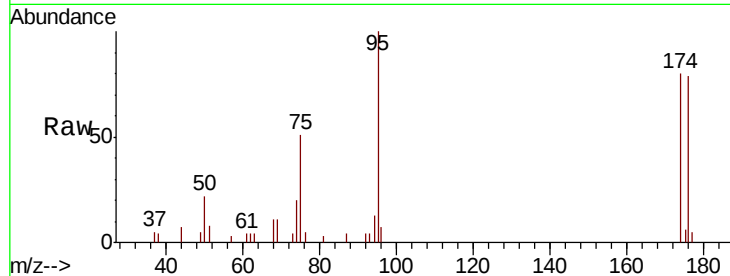




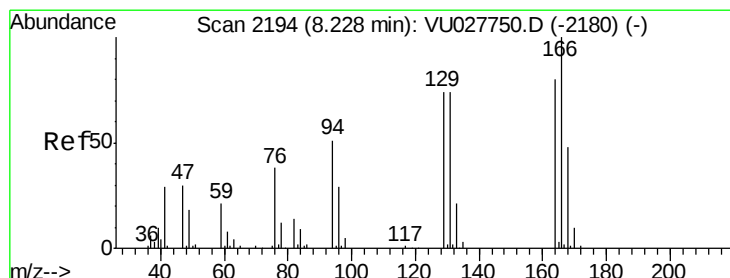
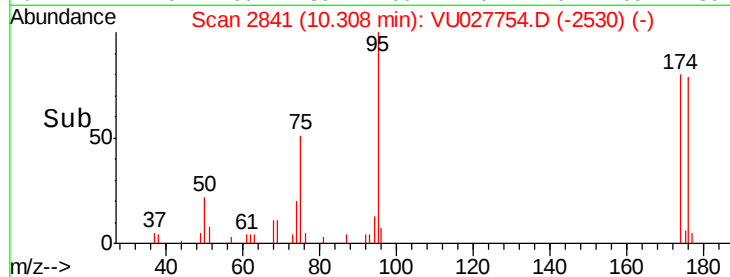
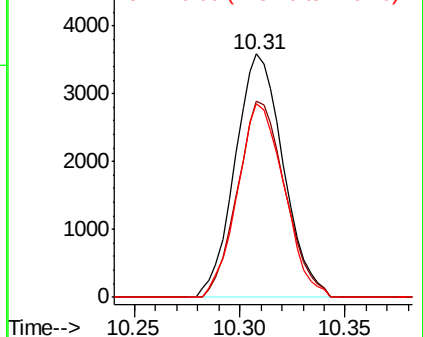
#57
4-Bromofluorobenzene
Concen: 10.132 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VU027754.D
Acq: 23 Oct 2018 08:16

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 95 Resp: 5688
Ion Ratio Lower Upper
95 100
174 79.5 64.5 96.7
176 77.2 58.3 87.5

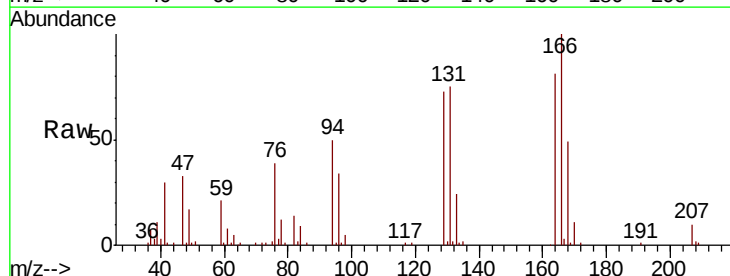


Abundance Ion 95.00 (94.70 to 95.70): VU027750.D (-2832) (-)
Ion 174.00 (173.70 to 174.70): VU027750.D (-2832) (-)
Ion 176.00 (175.70 to 176.70): VU027750.D (-2832) (-)

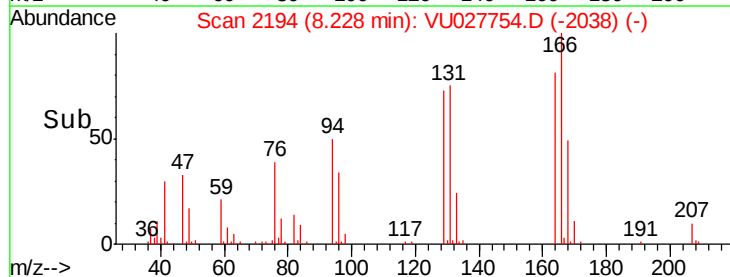
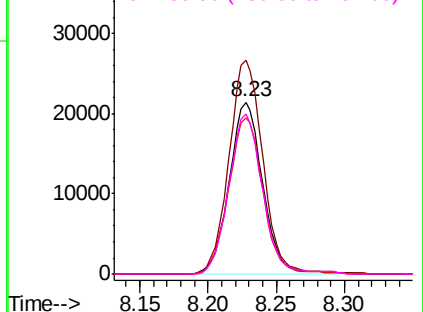


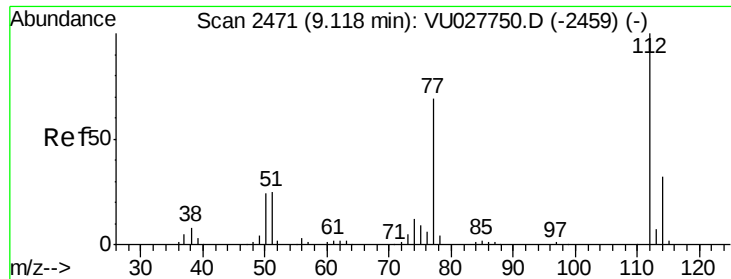
#58
Tetrachloroethene
Concen: 9.727 ug/l
RT: 8.23 min Scan# 2194
Delta R.T. 0.00 min
Lab File: VU027754.D
Acq: 23 Oct 2018 08:16

Tgt Ion: 164 Resp: 36519
Ion Ratio Lower Upper
164 100
166 124.2 100.2 150.4
129 91.0 73.7 110.5
131 93.3 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: 10.012 ug/l

RT: 9.12 min Scan# 2471

Delta R.T. 0.00 min

Lab File: VU027754.D

Acq: 23 Oct 2018 08:16

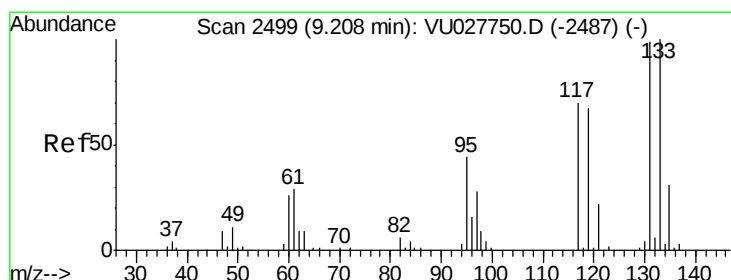
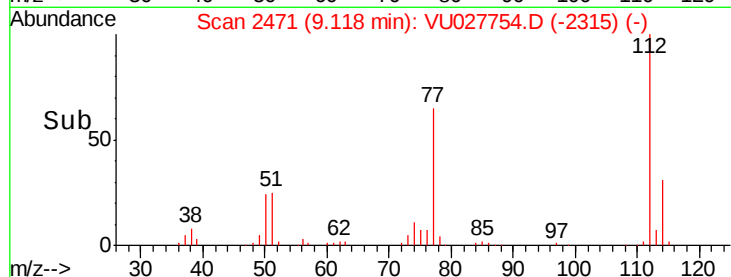
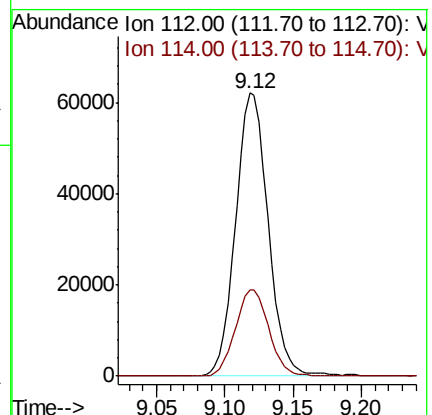
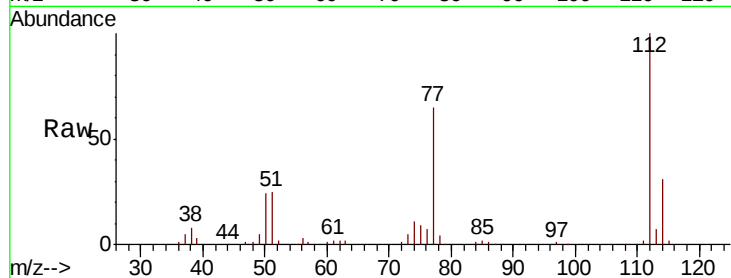
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:112 Resp: 102731

Ion Ratio Lower Upper

112 100

114 30.7 25.4 38.0



#60

1,1,1,2-Tetrachloroethane

Concen: 10.046 ug/l

RT: 9.21 min Scan# 2499

Delta R.T. 0.00 min

Lab File: VU027754.D

Acq: 23 Oct 2018 08:16

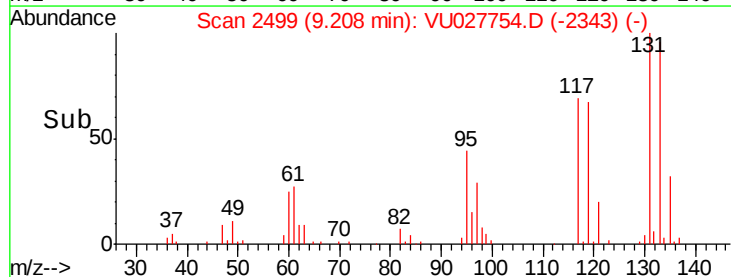
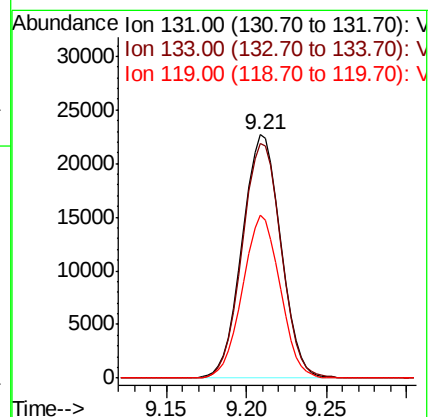
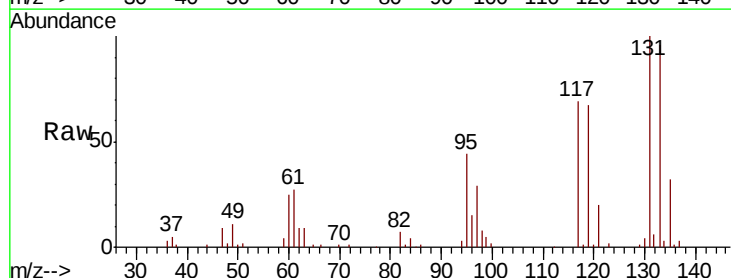
Tgt Ion:131 Resp: 37470

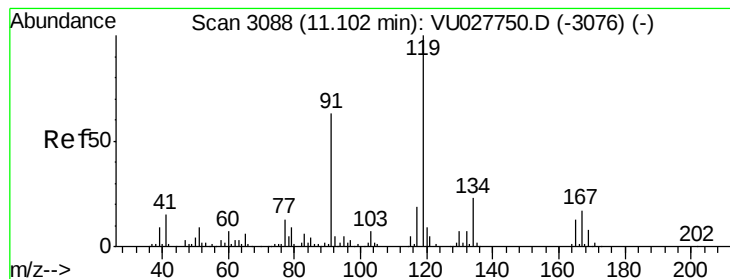
Ion Ratio Lower Upper

131 100

133 96.9 77.5 116.3

119 64.7 52.0 78.0





#61

Pentachloroethane

Concen: 10.426 ug/l

RT: 11.10 min Scan# 3088

Delta R.T. 0.00 min

Lab File: VU027754.D

Acq: 23 Oct 2018 08:16

Instrument :

MSVOA_U

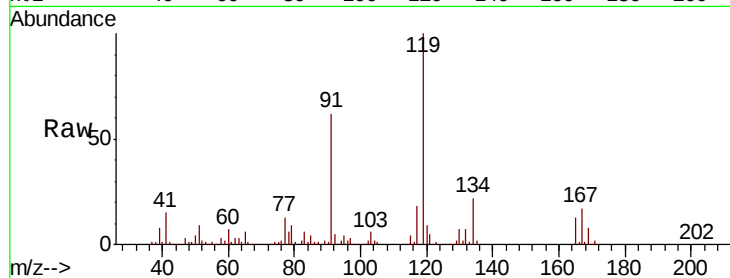
ClientSampleId :

Tot Ion:117 Resp: 29006

Ion Ratio Lower Upper

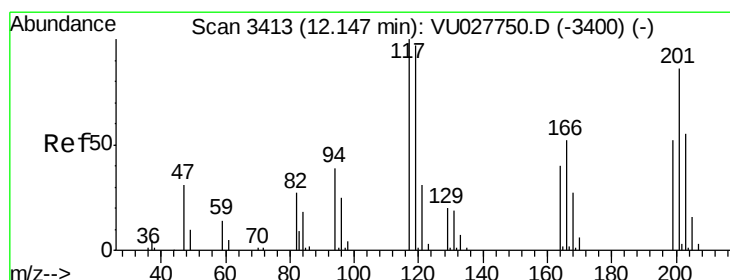
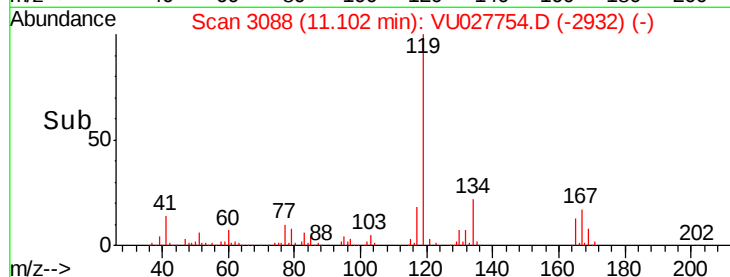
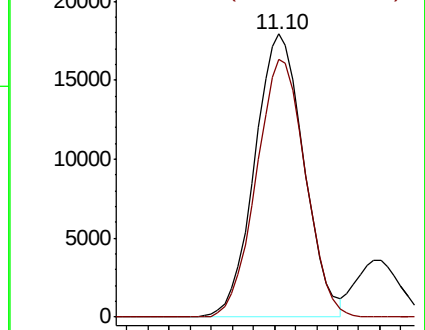
117 100

167 90.9 70.1 105.1



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 166.70 (166.40 to 167.40): V



#62

Hexachloroethane

Concen: 10.621 ug/l

RT: 12.15 min Scan# 3413

Delta R.T. 0.00 min

Lab File: VU027754.D

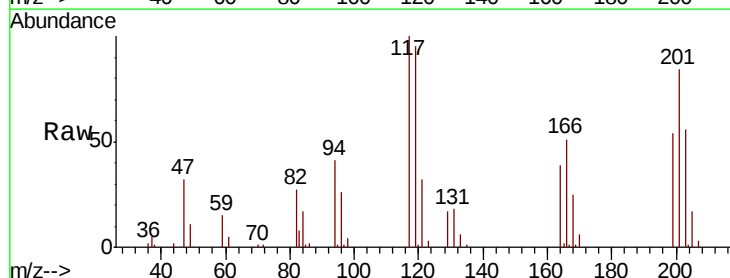
Acq: 23 Oct 2018 08:16

Tgt Ion:117 Resp: 32460

Ion Ratio Lower Upper

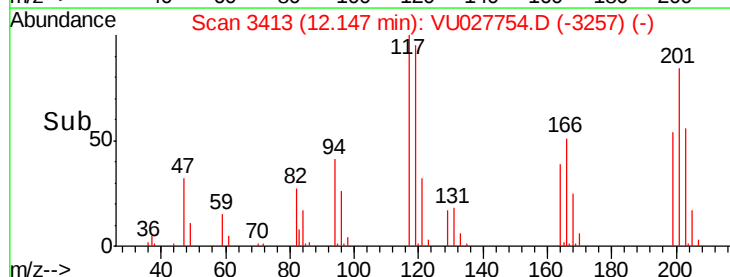
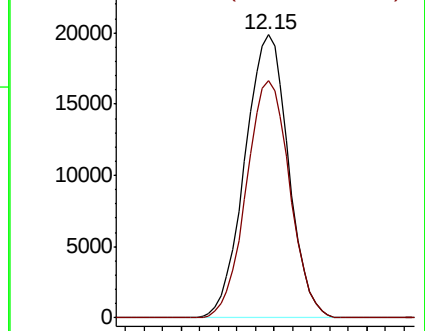
117 100

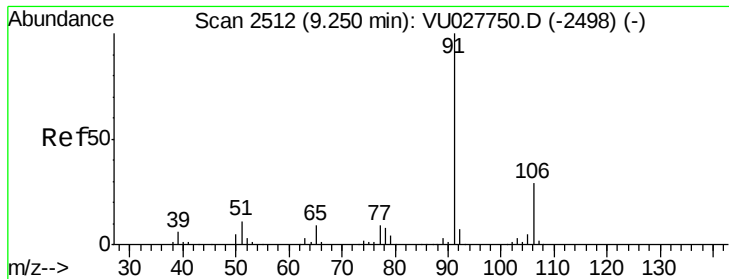
201 83.7 66.0 99.0



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.60 (200.30 to 201.30): V

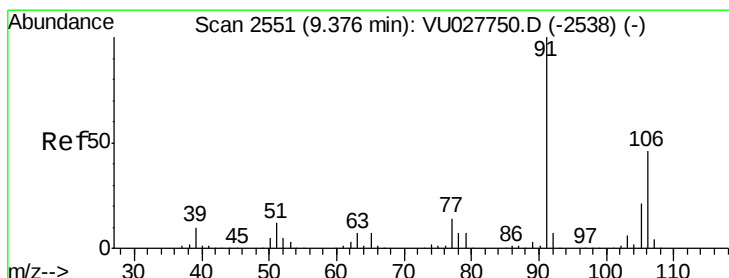
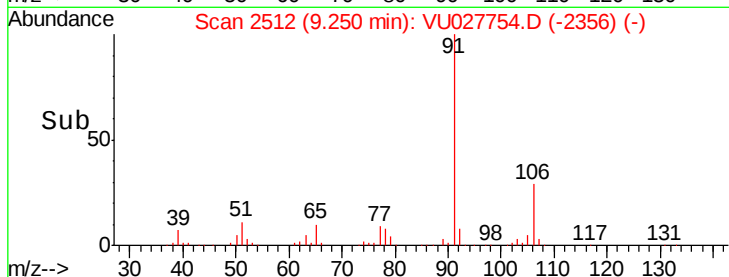
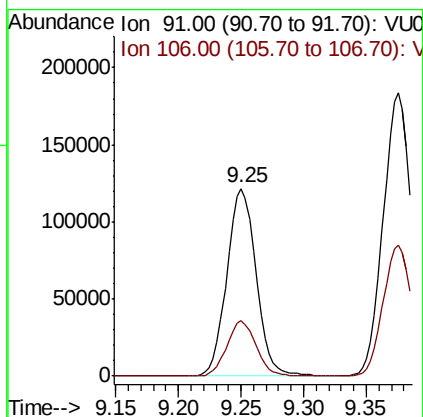
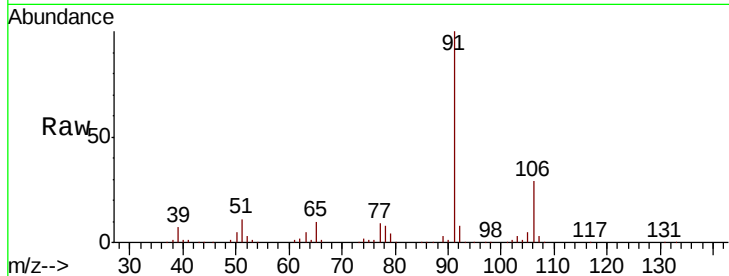




#63
Ethyl Benzene
Concen: 10.152 ug/l
RT: 9.25 min Scan# 2512
Delta R.T. 0.00 min
Lab File: VU027754.D
Acq: 23 Oct 2018 08:16

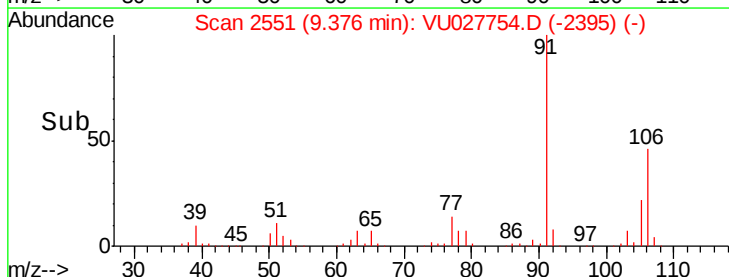
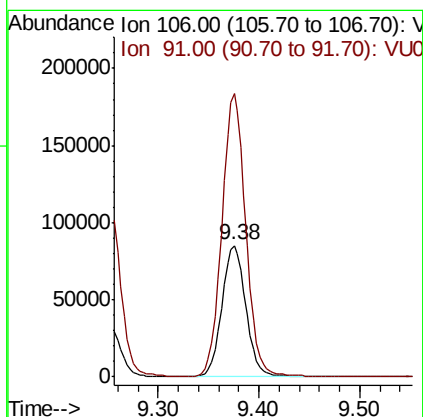
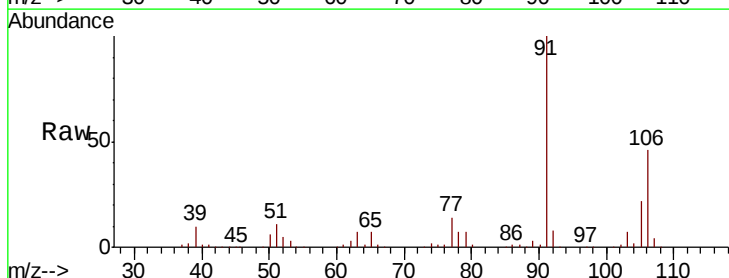
Instrument :
MSVOA_U
ClientSampled :

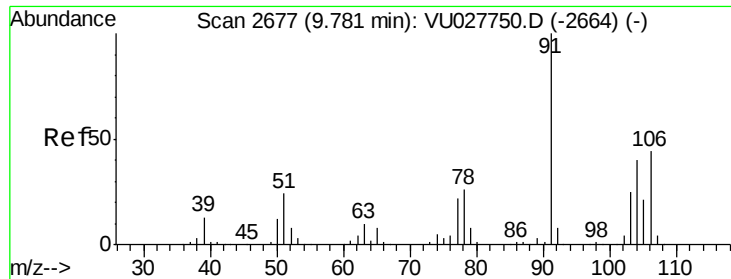
Tot Ion: 91 Resp: 197310
Ion Ratio Lower Upper
91 100
106 29.4 23.5 35.3



#64
m/p-Xylenes
Concen: 20.481 ug/l
RT: 9.38 min Scan# 2551
Delta R.T. 0.00 min
Lab File: VU027754.D
Acq: 23 Oct 2018 08:16

Tgt Ion: 106 Resp: 142032
Ion Ratio Lower Upper
106 100
91 213.4 173.3 259.9

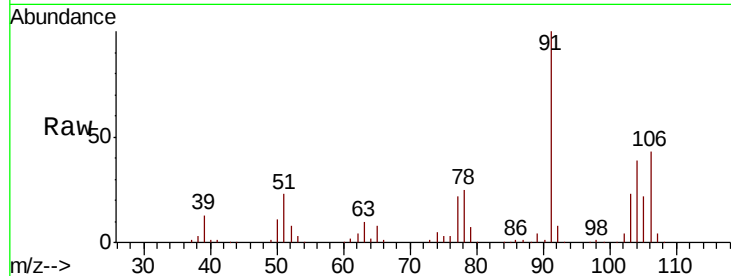




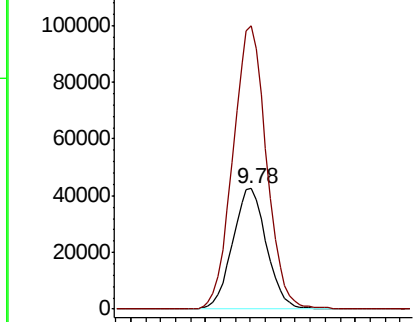
#65
o-Xylene
Concen: 9.804 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VU027754.D
Acq: 23 Oct 2018 08:16

Instrument :
MSVOA_U
ClientSampled :

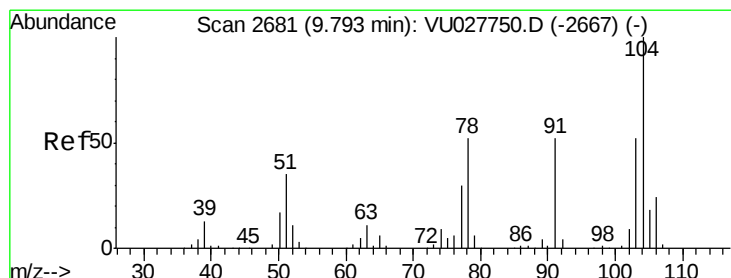
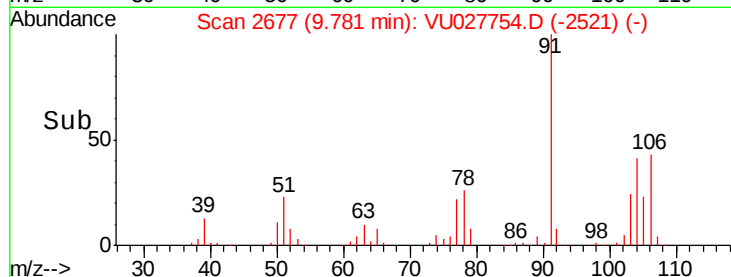
Tot Ion:106 Resp: 67410
Ion Ratio Lower Upper
106 100
91 231.5 113.4 340.2



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

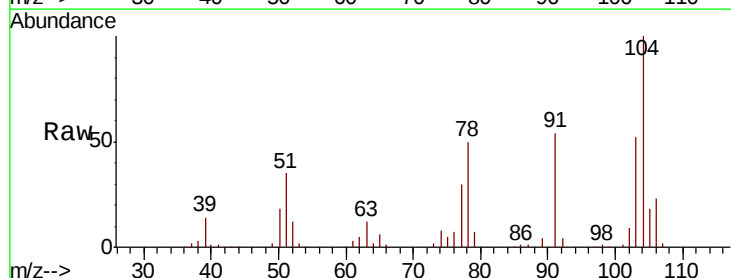


Time-->

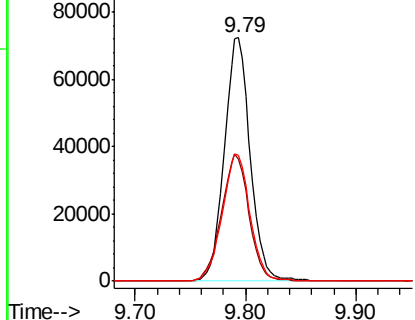


#66
Styrene
Concen: 10.343 ug/l
RT: 9.79 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU027754.D
Acq: 23 Oct 2018 08:16

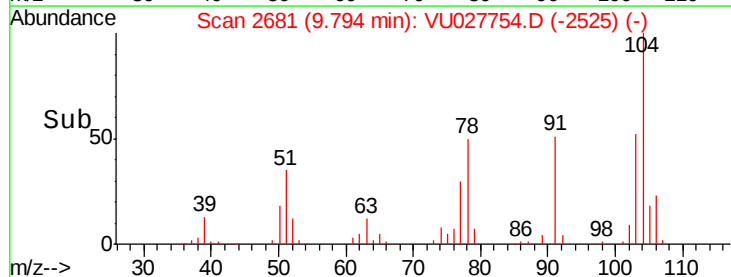
Tgt Ion:104 Resp: 117349
Ion Ratio Lower Upper
104 100
78 55.5 45.2 67.8
103 56.2 44.8 67.2

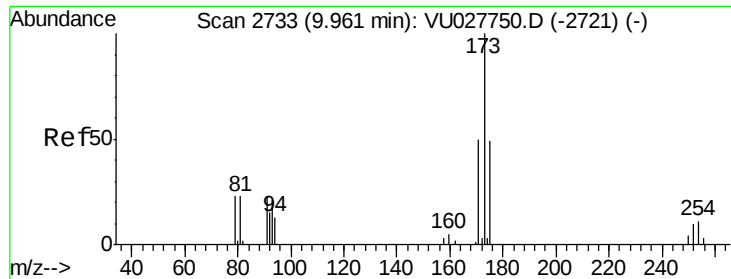


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VU0
Ion 103.00 (102.70 to 103.70): V



Time-->

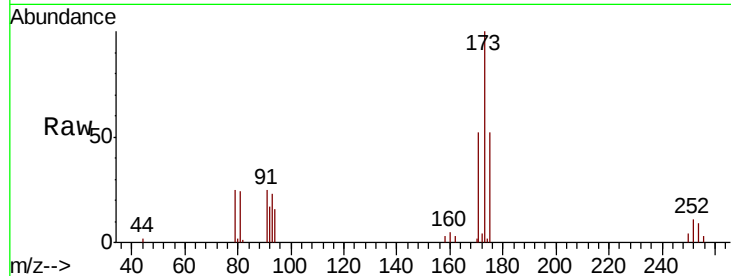




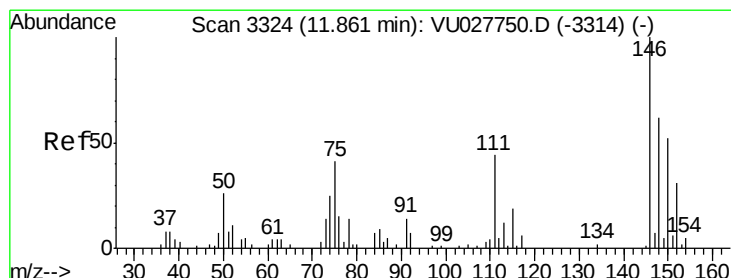
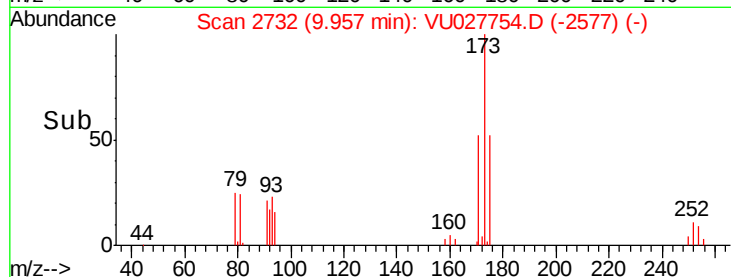
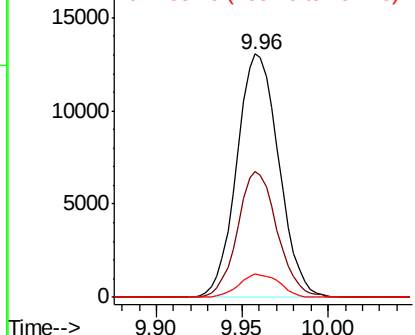
#67
Bromoform
Concen: 10.972 ug/l
RT: 9.96 min Scan# 2732
Delta R.T. -0.00 min
Lab File: VU027754.D
Acq: 23 Oct 2018 08:16

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:173 Resp: 22211
Ion Ratio Lower Upper
173 100
175 48.7 39.6 59.4
254 9.2 7.8 11.6

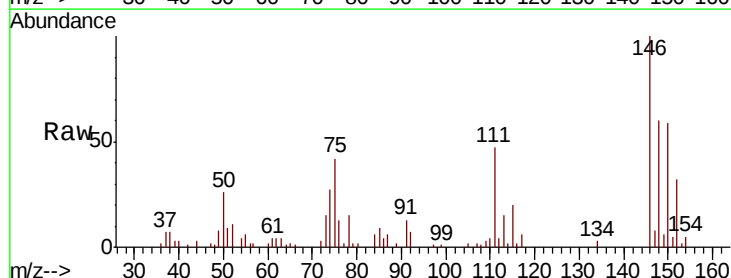


Abundance Ion 172.90 (172.60 to 173.60): V
Ion 174.90 (174.60 to 175.60): V
Ion 253.75 (253.45 to 254.45): V

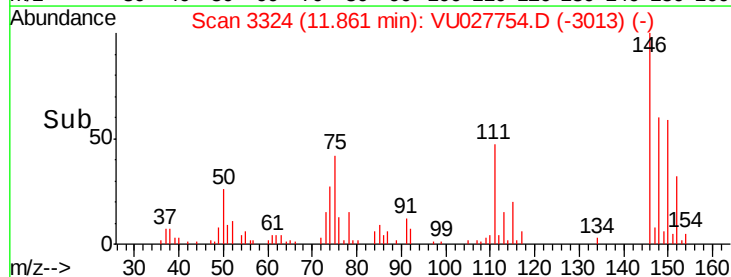
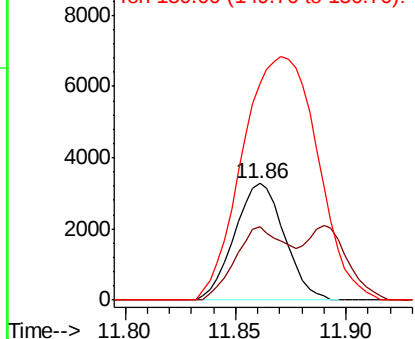


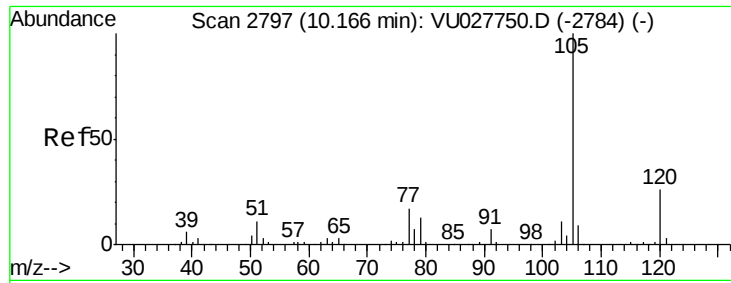
#68
1,2-Dichlorobenzene-d4
Concen: 10.972 ug/l
RT: 11.86 min Scan# 3324
Delta R.T. 0.00 min
Lab File: VU027754.D
Acq: 23 Oct 2018 08:16

Tgt Ion:152 Resp: 5138
Ion Ratio Lower Upper
152 100
115 65.7 0.0 130.2
150 314.8 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: 9.965 ug/l

RT: 10.17 min Scan# 2797

Delta R.T. 0.00 min

Lab File: VU027754.D

Acq: 23 Oct 2018 08:16

Instrument :

MSVOA_U

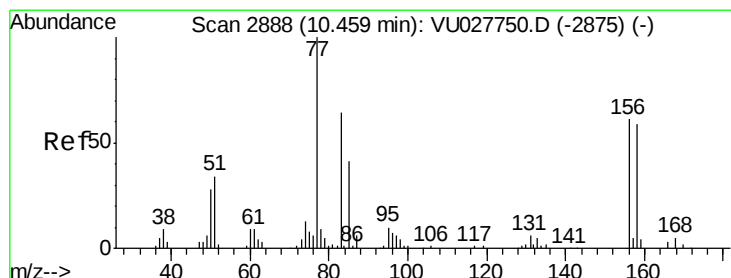
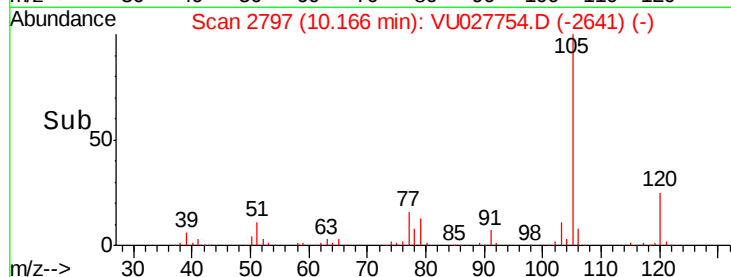
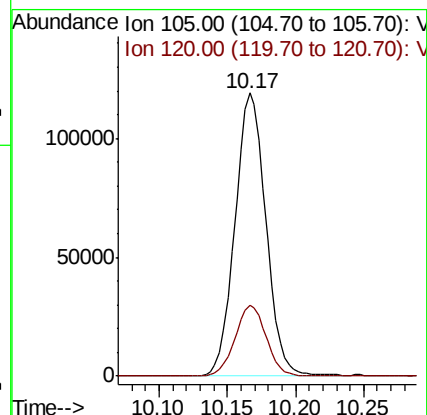
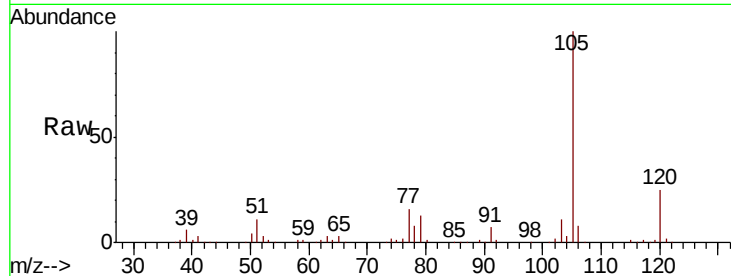
ClientSampled :

Tot Ion:105 Resp: 187578

Ion Ratio Lower Upper

105 100

120 25.2 12.8 38.3



#70

1,1,2,2-Tetrachloroethane

Concen: 9.997 ug/l

RT: 10.46 min Scan# 2888

Delta R.T. 0.00 min

Lab File: VU027754.D

Acq: 23 Oct 2018 08:16

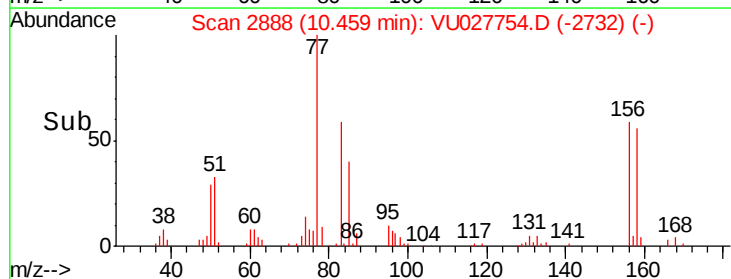
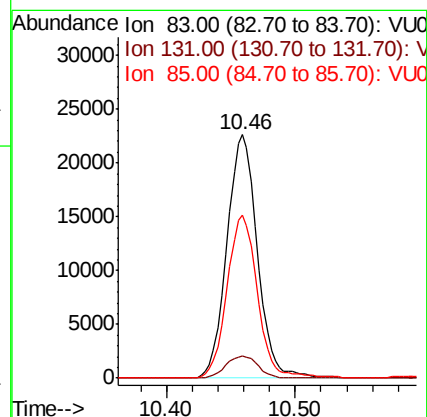
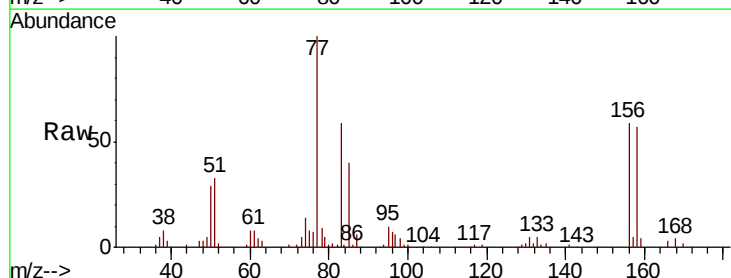
Tgt Ion: 83 Resp: 36973

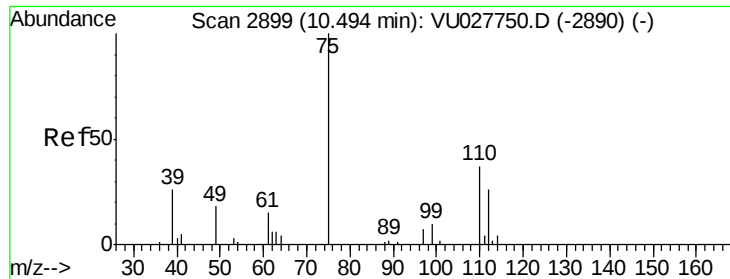
Ion Ratio Lower Upper

83 100

131 9.4 7.7 11.5

85 67.0 51.2 76.8

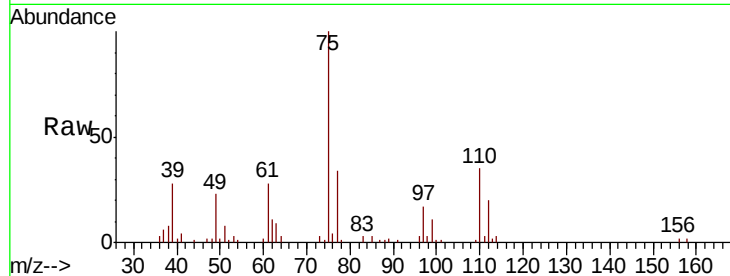




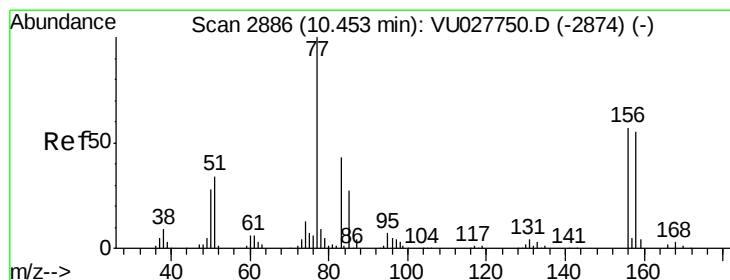
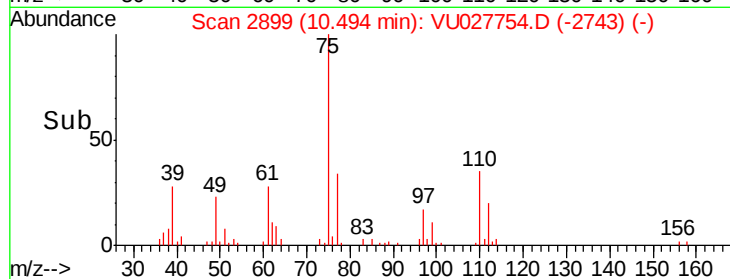
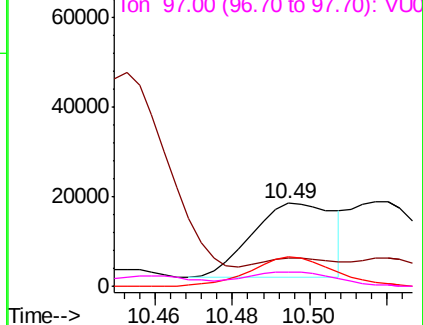
#71
 1,2,3-Trichloropropane
 Concen: 8.599 ug/l
 RT: 10.49 min Scan# 2899
 Delta R.T. 0.00 min
 Lab File: VU027754.D
 Acq: 23 Oct 2018 08:16

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion:	75	Resp:	24713
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0
110	39.2	0.0	68.2
97	20.6	0.0	35.2

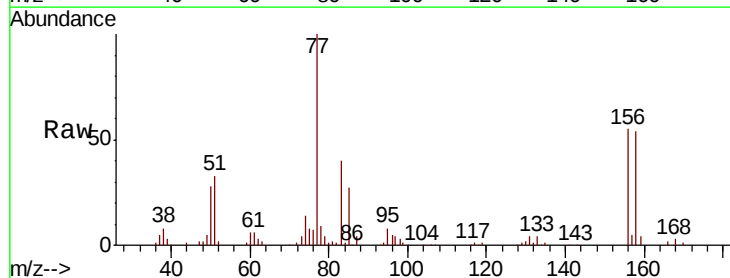


Abundance Ion 75.00 (74.70 to 75.70): VU027750.D (-2890) (-)
 Ion 77.00 (76.70 to 77.70): VU027750.D (-2890) (-)
 Ion 110.00 (109.70 to 110.70): VU027750.D (-2890) (-)
 Ion 97.00 (96.70 to 97.70): VU027750.D (-2890) (-)

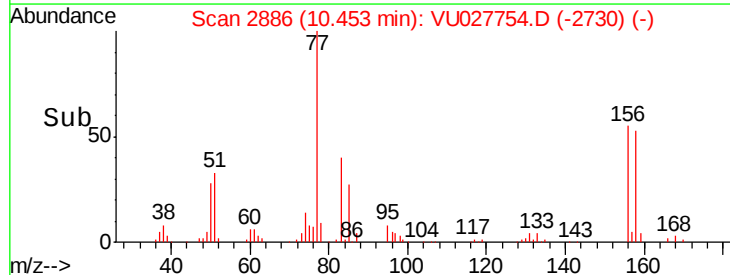
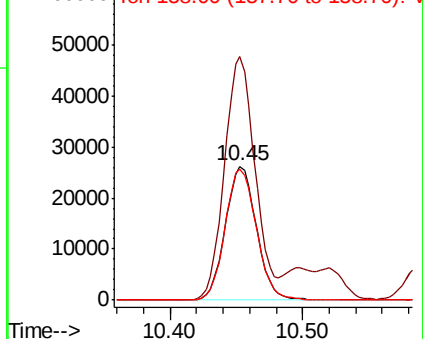


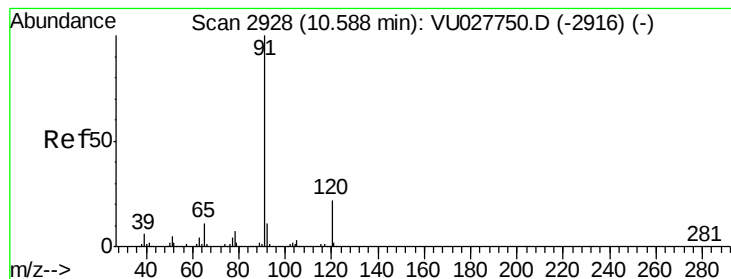
#72
 Bromobenzene
 Concen: 10.166 ug/l
 RT: 10.45 min Scan# 2886
 Delta R.T. 0.00 min
 Lab File: VU027754.D
 Acq: 23 Oct 2018 08:16

Tgt Ion:	156	Resp:	42638
Ion	Ratio	Lower	Upper
156	100		
77	180.0	0.0	349.4
158	98.9	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: 10.340 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. 0.00 min

Lab File: VU027754.D

Acq: 23 Oct 2018 08:16

Instrument :

MSVOA_U

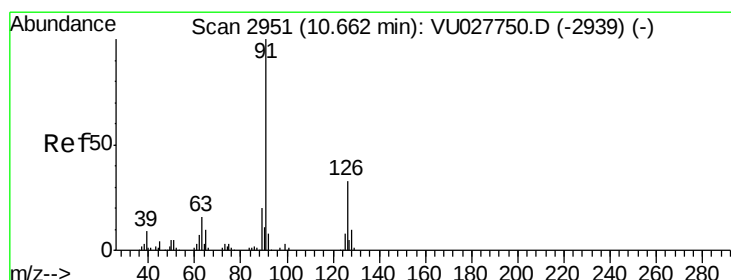
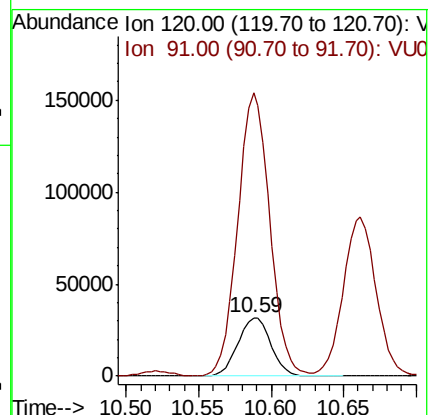
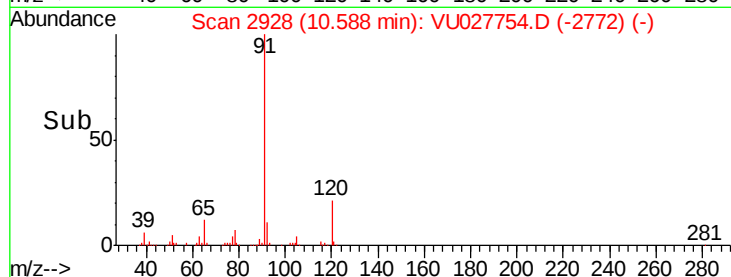
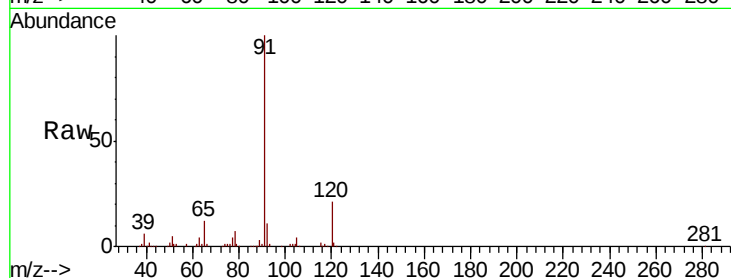
ClientSampleId :

Tot Ion:120 Resp: 50198

Ion Ratio Lower Upper

120 100

91 467.6 369.0 553.6



#74

2-Chlorotoluene

Concen: 10.147 ug/l

RT: 10.66 min Scan# 2951

Delta R.T. 0.00 min

Lab File: VU027754.D

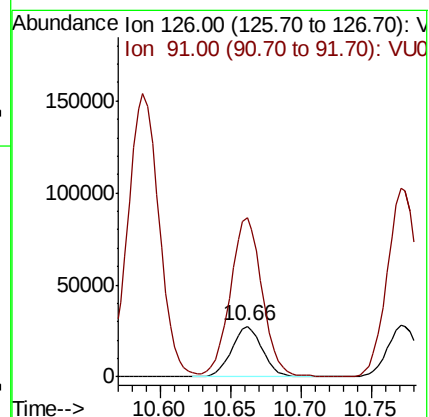
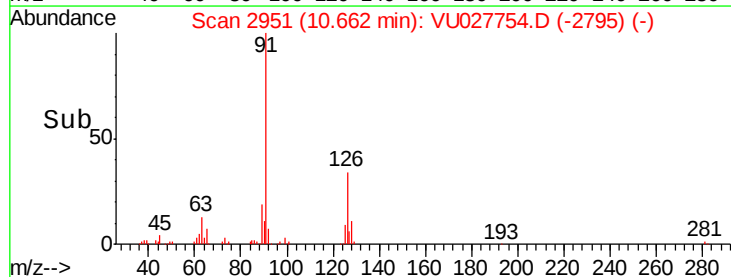
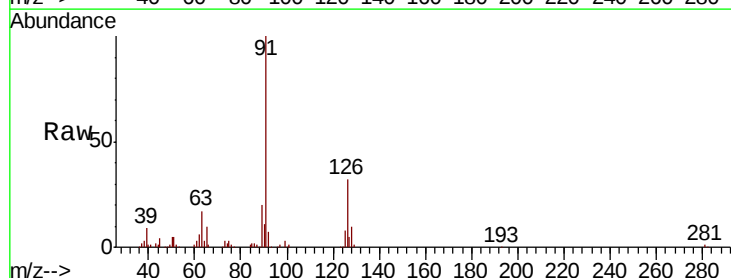
Acq: 23 Oct 2018 08:16

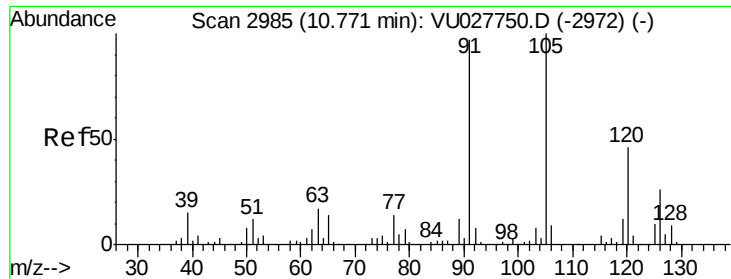
Tgt Ion:126 Resp: 42186

Ion Ratio Lower Upper

126 100

91 319.6 0.0 628.8





#75

1,3,5-Trimethylbenzene

Concen: 10.173 ug/l

RT: 10.77 min Scan# 2985

Delta R.T. 0.00 min

Lab File: VU027754.D

Acq: 23 Oct 2018 08:16

Instrument :

MSVOA_U

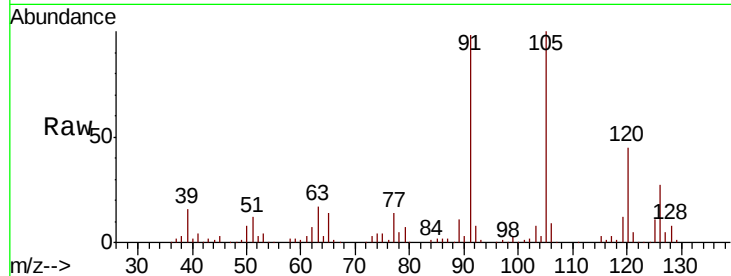
ClientSampleId :

Tot Ion:105 Resp: 159787

Ion Ratio Lower Upper

105 100

120 45.7 37.2 55.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

120000

100000

80000

60000

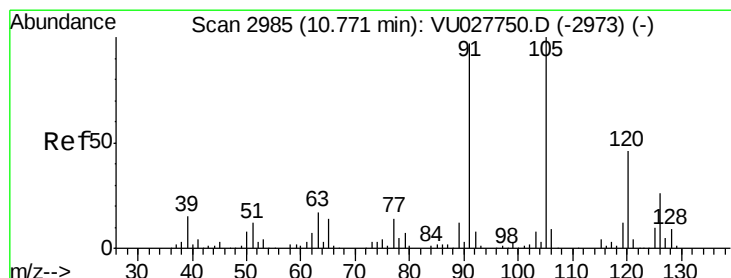
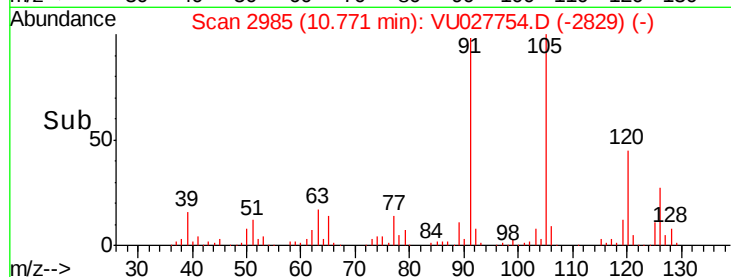
40000

20000

0

10.77

Time-->



#76

4-Chlorotoluene

Concen: 10.413 ug/l

RT: 10.77 min Scan# 2985

Delta R.T. 0.00 min

Lab File: VU027754.D

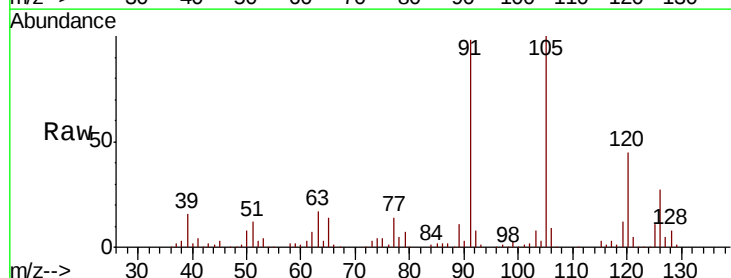
Acq: 23 Oct 2018 08:16

Tgt Ion:126 Resp: 43868

Ion Ratio Lower Upper

126 100

91 364.1 0.0 734.4



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0

120000

100000

80000

60000

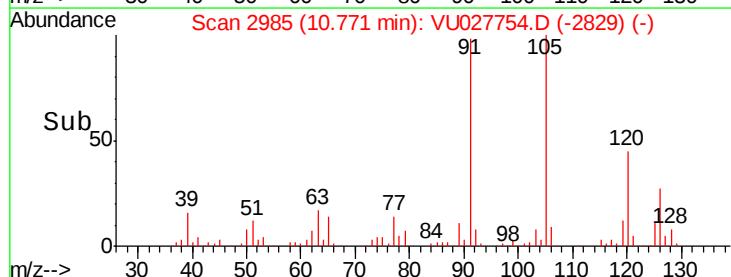
40000

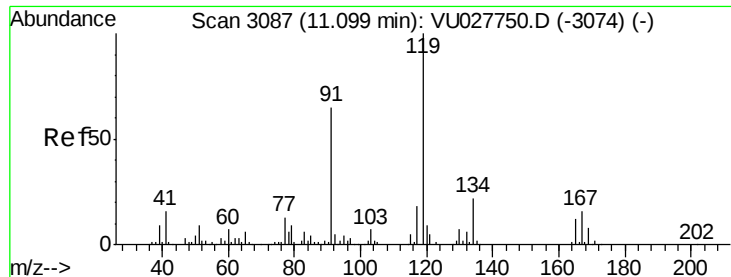
20000

0

10.77

Time-->





#77

tert-Butylbenzene

Concen: 10.018 ug/l

RT: 11.10 min Scan# 3088

Delta R.T. 0.00 min

Lab File: VU027754.D

Acq: 23 Oct 2018 08:16

Instrument :

MSVOA_U

ClientSampled :

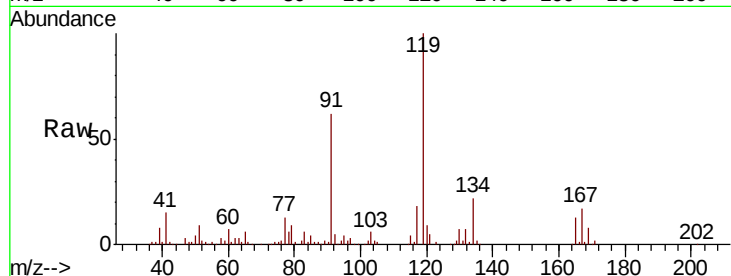
Tot Ion:119 Resp: 154780

Ion Ratio Lower Upper

119 100

91 61.9 31.8 95.4

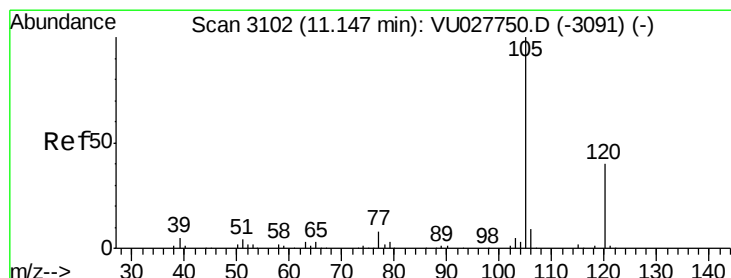
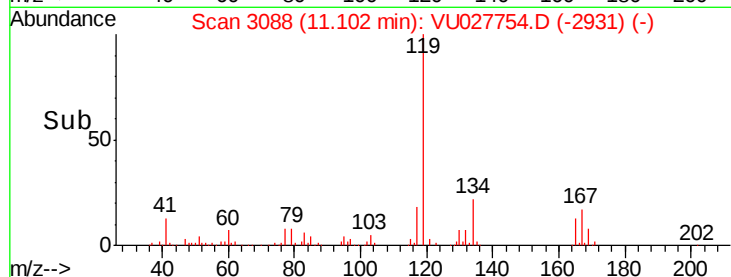
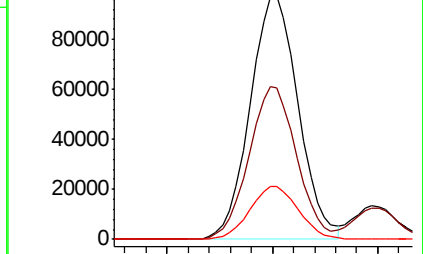
134 22.0 17.7 26.5



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: 10.209 ug/l

RT: 11.15 min Scan# 3102

Delta R.T. 0.00 min

Lab File: VU027754.D

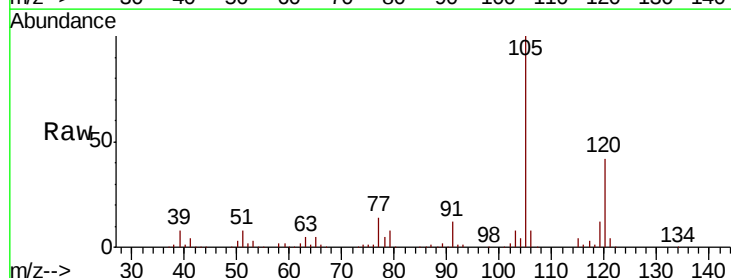
Acq: 23 Oct 2018 08:16

Tgt Ion:105 Resp: 164742

Ion Ratio Lower Upper

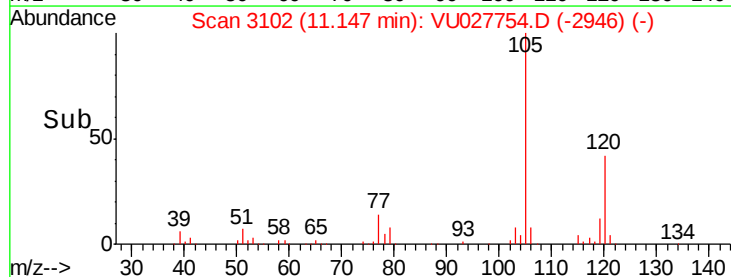
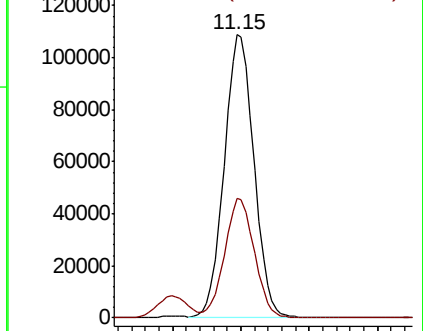
105 100

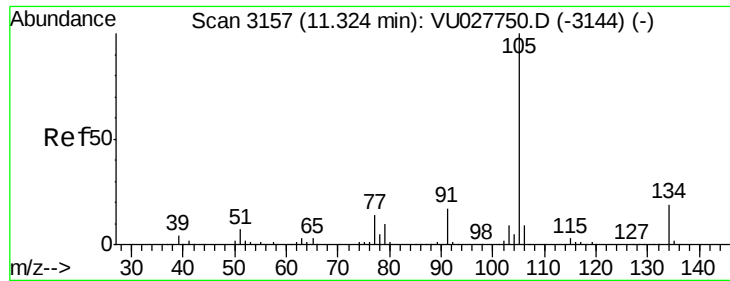
120 42.1 21.6 64.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

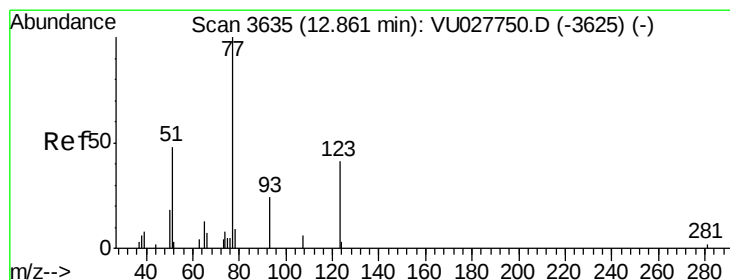
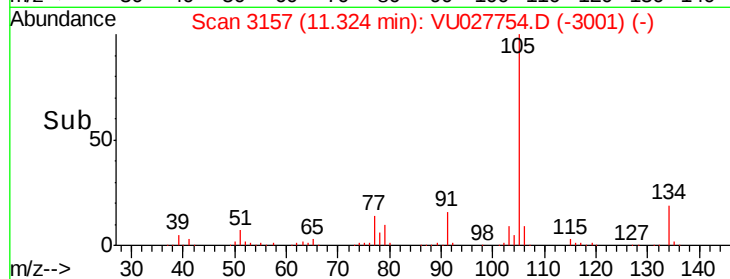
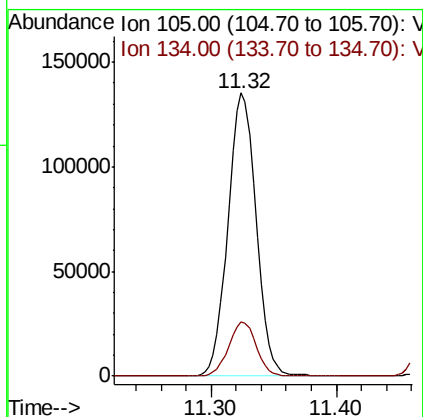
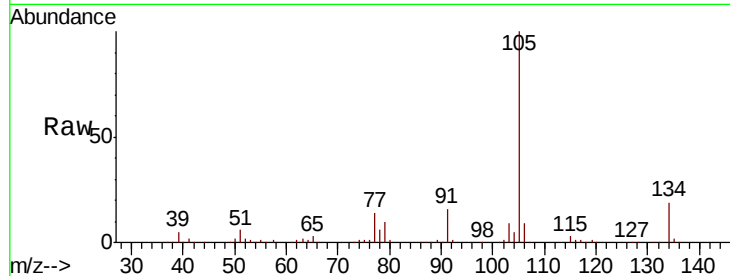




#79
 sec-Butylbenzene
 Concen: 10.310 ug/l
 RT: 11.32 min Scan# 3157
 Delta R.T. 0.00 min
 Lab File: VU027754.D
 Acq: 23 Oct 2018 08:16

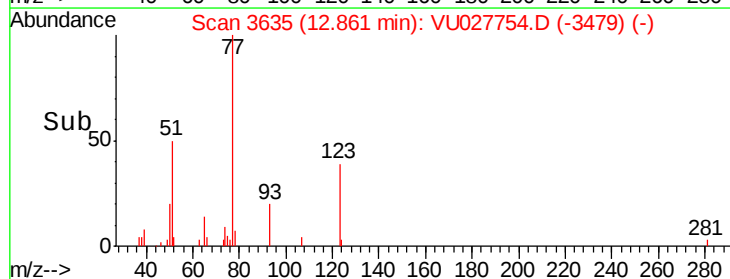
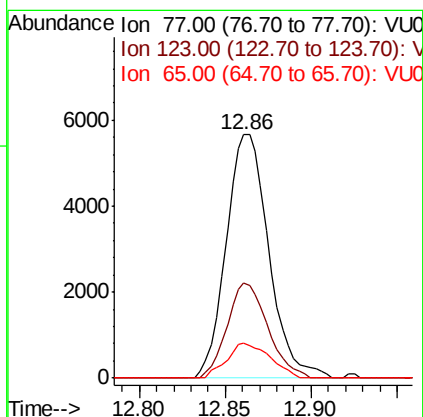
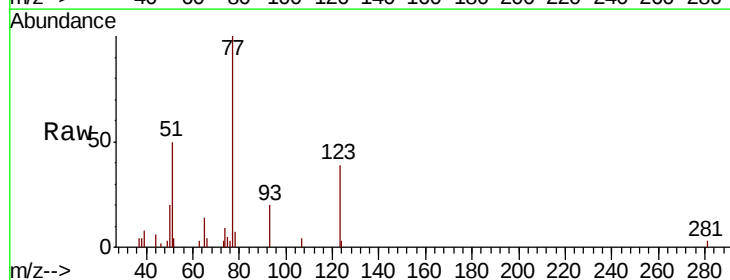
Instrument :
 MSVOA_U
 ClientSampled :

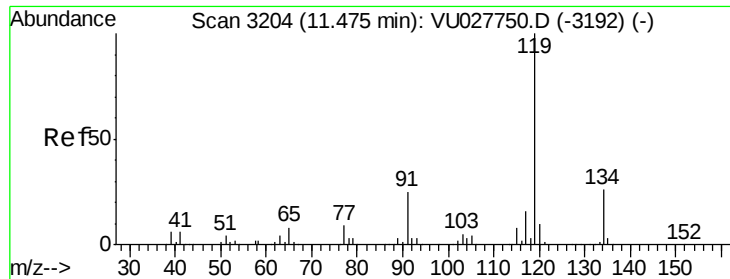
Tot Ion: 105 Resp: 210933
 Ion Ratio Lower Upper
 105 100
 134 18.8 15.2 22.8



#80
 Nitrobenzene
 Concen: 71.656 ug/l
 RT: 12.86 min Scan# 3635
 Delta R.T. 0.00 min
 Lab File: VU027754.D
 Acq: 23 Oct 2018 08:16

Tgt Ion: 77 Resp: 9795
 Ion Ratio Lower Upper
 77 100
 123 37.2 16.9 59.9
 65 14.5 13.1 16.7

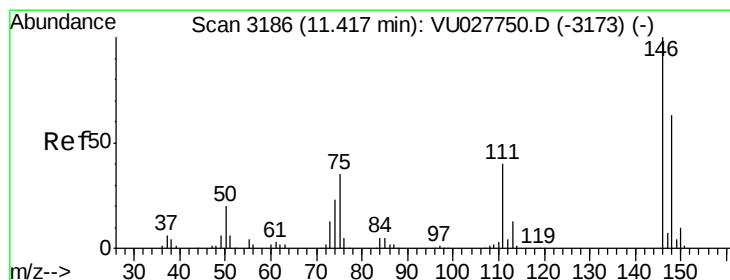
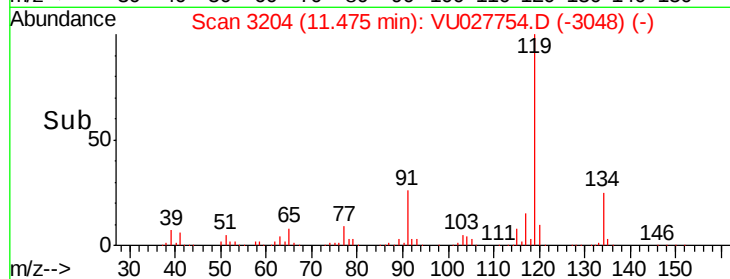
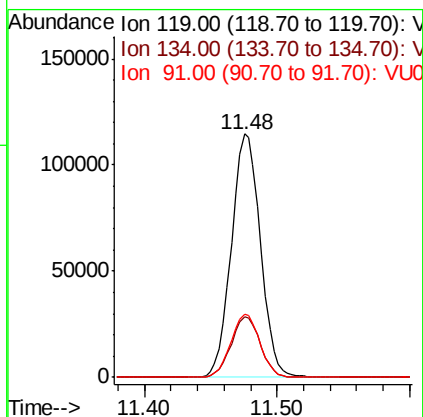
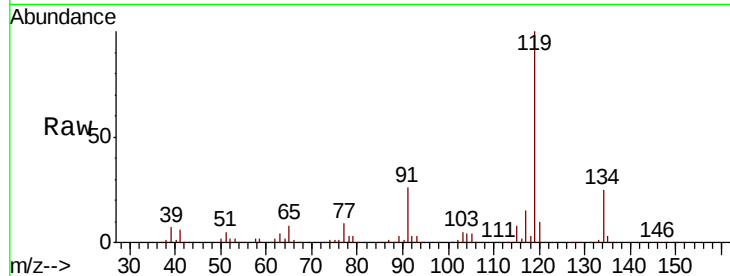




#81
 p-Isopropyltoluene
 Concen: 10.415 ug/l
 RT: 11.48 min Scan# 3204
 Delta R.T. 0.00 min
 Lab File: VU027754.D
 Acq: 23 Oct 2018 08:16

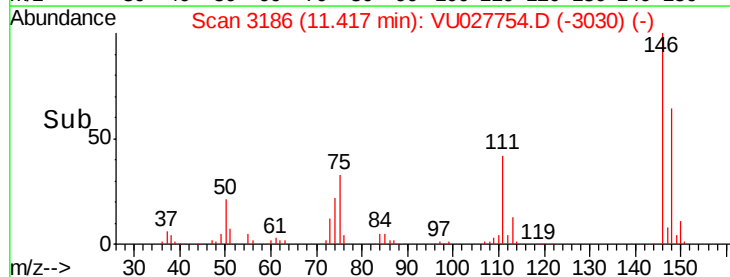
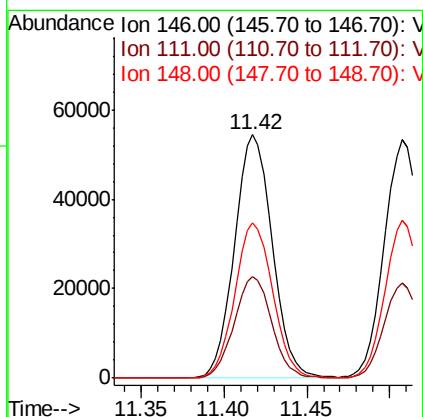
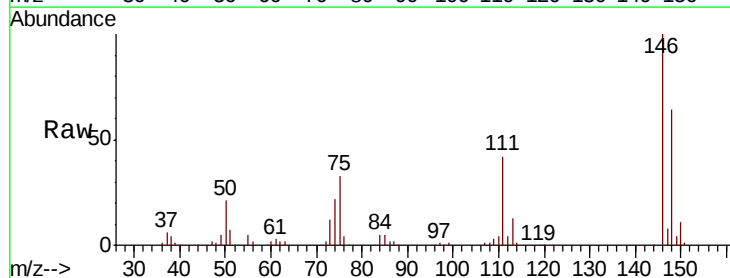
Instrument :
 MSVOA_U
 ClientSampled :

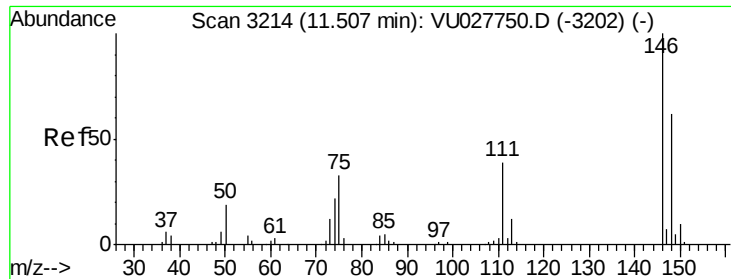
Tot Ion	Ratio	Lower	Upper
119	100		
134	24.9	20.3	30.5
91	26.0	20.2	30.4



#82
 1,3-Dichlorobenzene
 Concen: 10.394 ug/l
 RT: 11.42 min Scan# 3186
 Delta R.T. 0.00 min
 Lab File: VU027754.D
 Acq: 23 Oct 2018 08:16

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.2	32.7	49.1
148	64.1	50.6	75.8

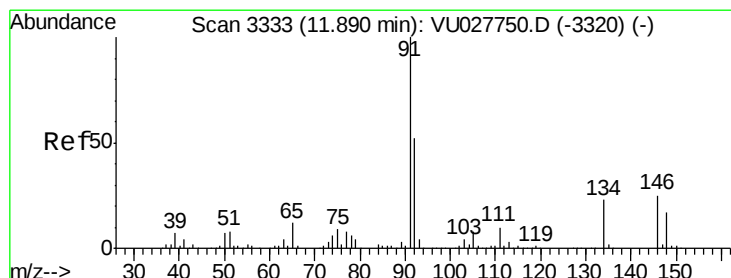
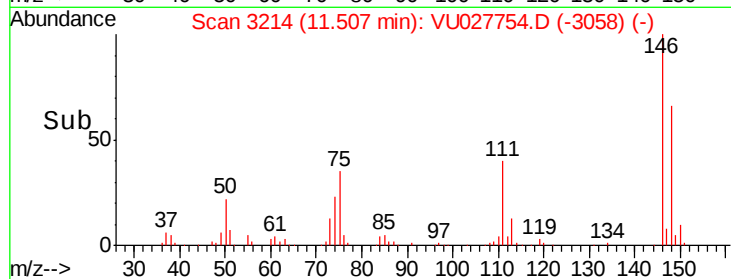
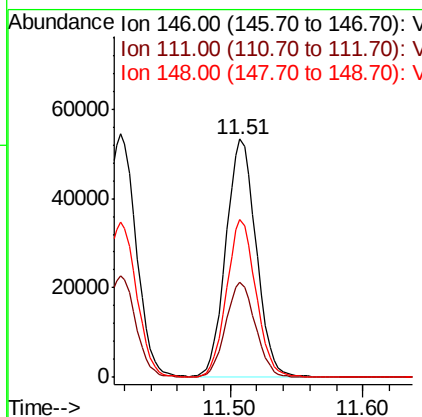
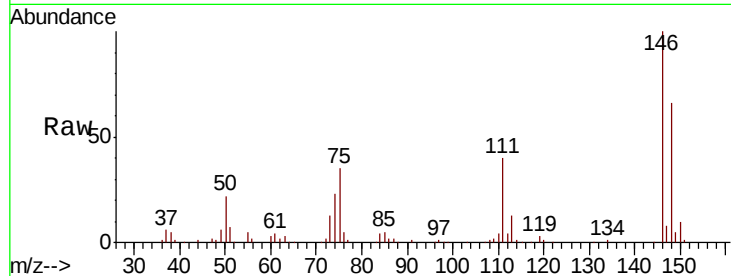




#83
 1,4-Dichlorobenzene
 Concen: 10.185 ug/l
 RT: 11.51 min Scan# 3214
 Delta R.T. 0.00 min
 Lab File: VU027754.D
 Acq: 23 Oct 2018 08:16

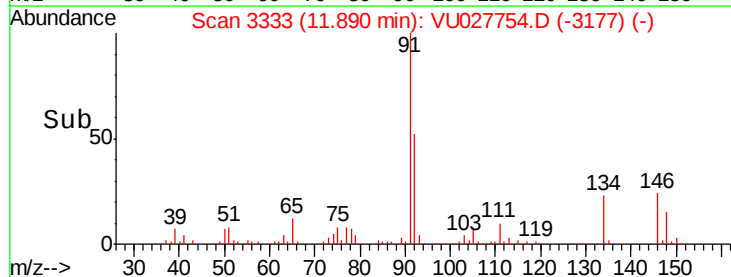
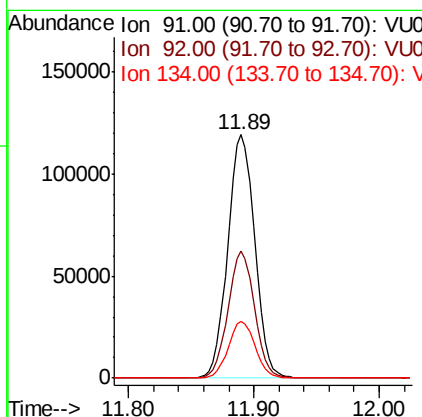
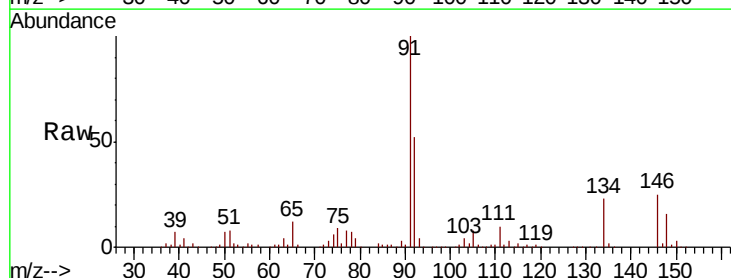
Instrument :
 MSVOA_U
 ClientSampled :

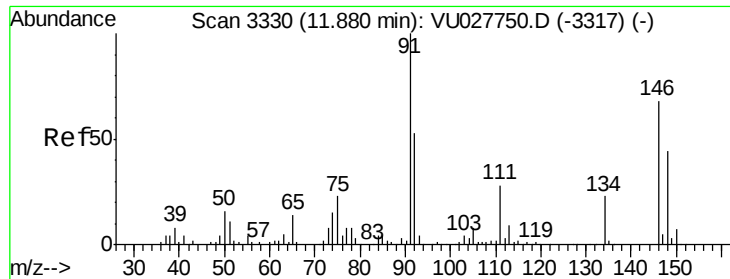
Tot Ion:146 Resp: 84696
 Ion Ratio Lower Upper
 146 100
 111 39.3 32.0 48.0
 148 64.2 50.9 76.3



#84
 n-Butylbenzene
 Concen: 10.983 ug/l
 RT: 11.89 min Scan# 3333
 Delta R.T. 0.00 min
 Lab File: VU027754.D
 Acq: 23 Oct 2018 08:16

Tgt Ion: 91 Resp: 178415
 Ion Ratio Lower Upper
 91 100
 92 51.1 42.1 63.1
 134 23.0 18.6 28.0

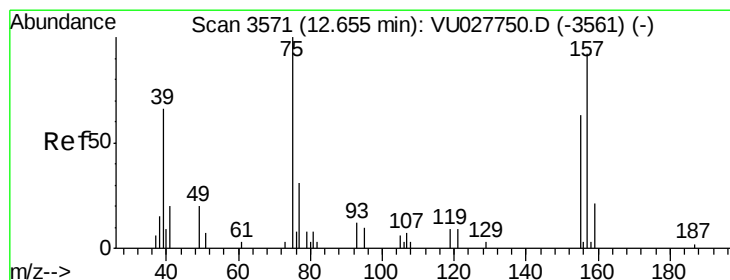
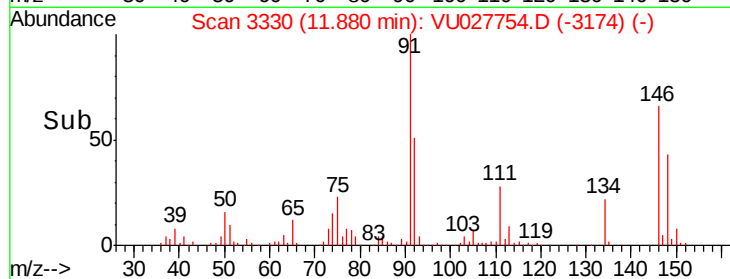
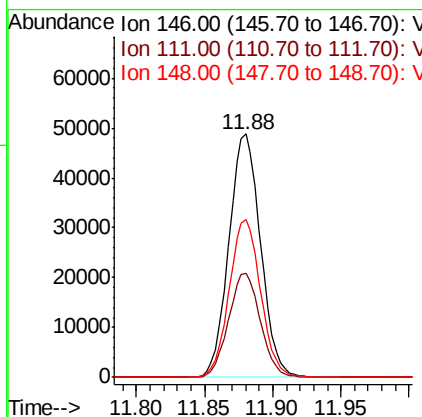
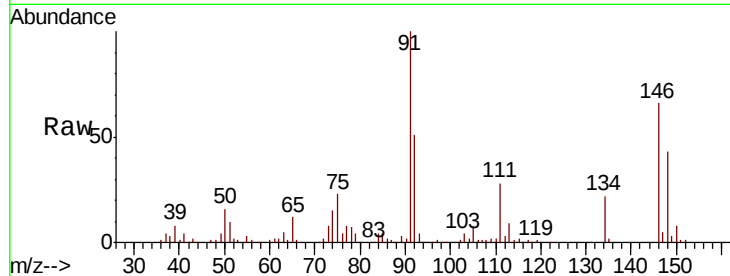




#85
 1,2-Dichlorobenzene
 Concen: 9.933 ug/l
 RT: 11.88 min Scan# 3330
 Delta R.T. 0.00 min
 Lab File: VU027754.D
 Acq: 23 Oct 2018 08:16

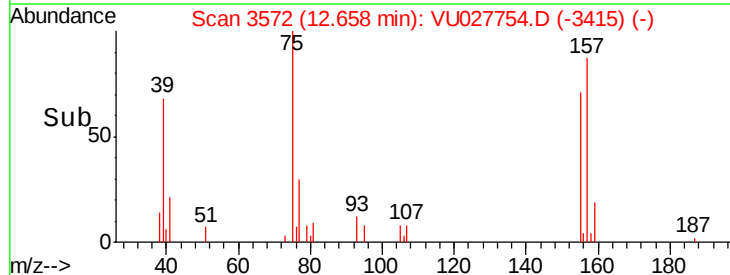
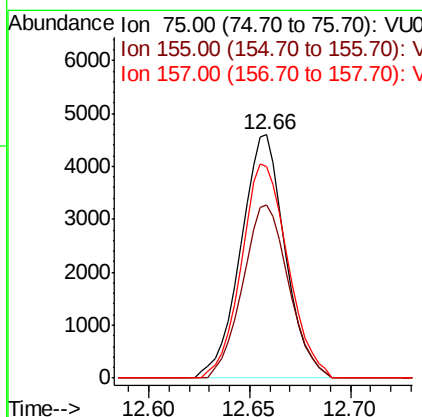
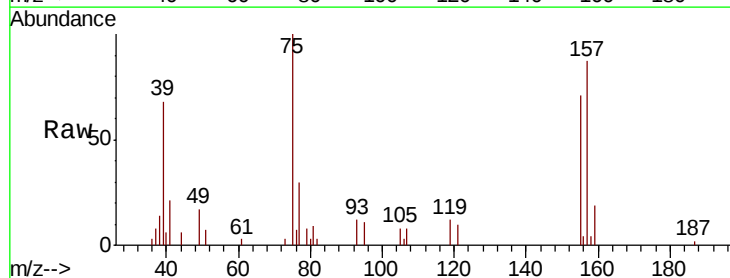
Instrument :
 MSVOA_U
 ClientSampled :

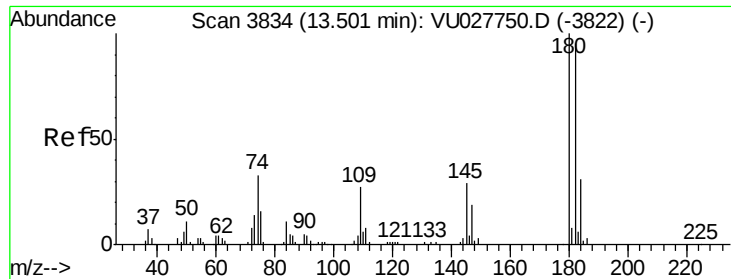
Tot Ion:146 Resp: 78659
 Ion Ratio Lower Upper
 146 100
 111 42.9 21.2 63.6
 148 64.3 32.2 96.6



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 10.308 ug/l
 RT: 12.66 min Scan# 3572
 Delta R.T. 0.00 min
 Lab File: VU027754.D
 Acq: 23 Oct 2018 08:16

Tgt Ion: 75 Resp: 7081
 Ion Ratio Lower Upper
 75 100
 155 73.8 55.5 83.3
 157 91.9 71.0 106.4

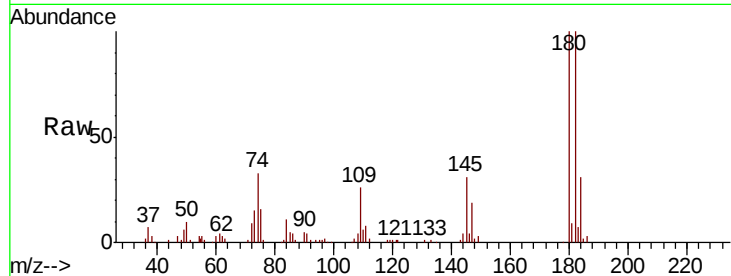




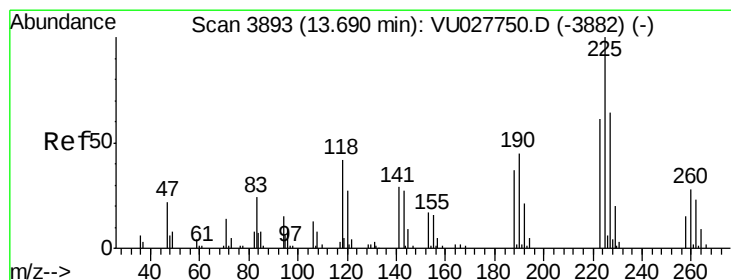
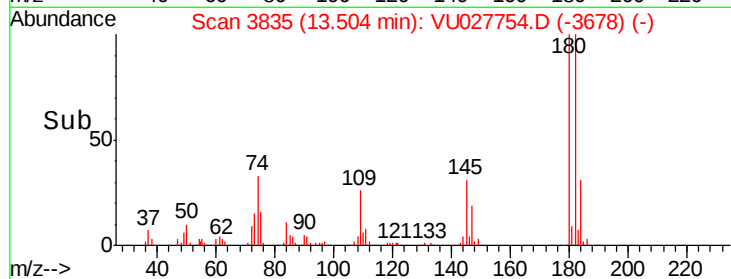
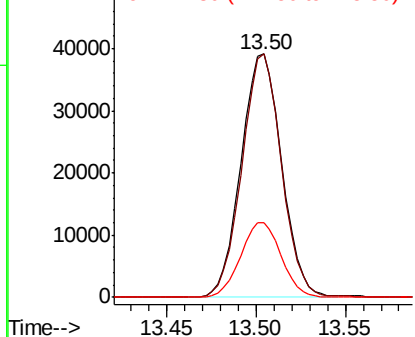
#87
 1,2,4-Trichlorobenzene
 Concen: 10.796 ug/l
 RT: 13.50 min Scan# 3835
 Delta R.T. 0.00 min
 Lab File: VU027754.D
 Acq: 23 Oct 2018 08:16

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion:180 Resp: 62121
 Ion Ratio Lower Upper
 180 100
 182 97.1 75.9 113.9
 145 30.6 23.6 35.4

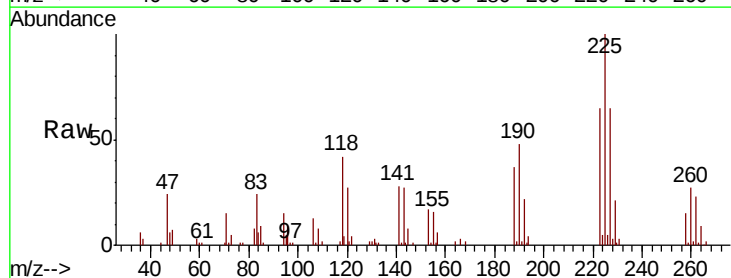


Abundance Ion 179.70 (179.40 to 180.40): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

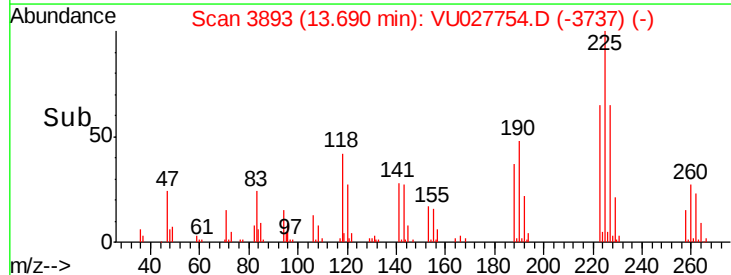
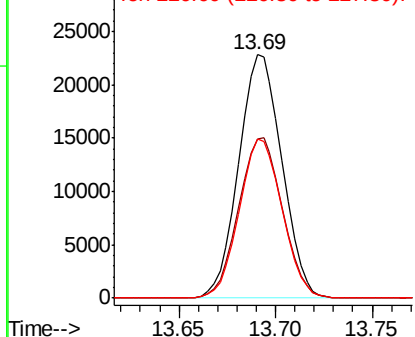


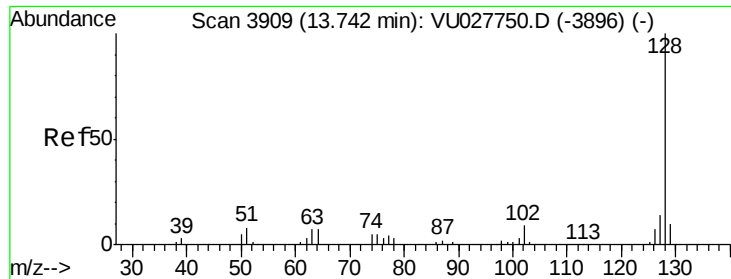
#88
 Hexachlorobutadiene
 Concen: 10.282 ug/l
 RT: 13.69 min Scan# 3893
 Delta R.T. 0.00 min
 Lab File: VU027754.D
 Acq: 23 Oct 2018 08:16

Tgt Ion:225 Resp: 35487
 Ion Ratio Lower Upper
 225 100
 223 66.6 49.6 74.4
 227 64.6 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: 10.589 ug/l

RT: 13.74 min Scan# 3909

Delta R.T. 0.00 min

Lab File: VU027754.D

Acq: 23 Oct 2018 08:16

Instrument :

MSVOA_U

ClientSampleId :

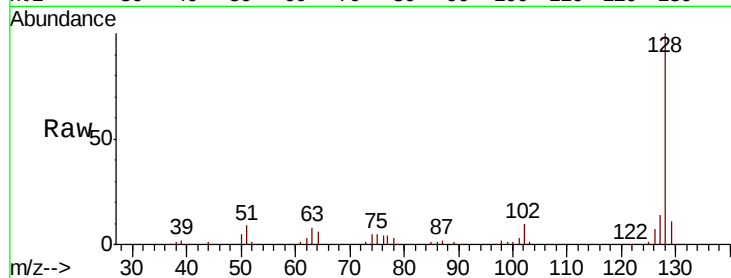
Tot Ion:128 Resp: 114432

Ion Ratio Lower Upper

128 100

127 13.5 10.7 16.1

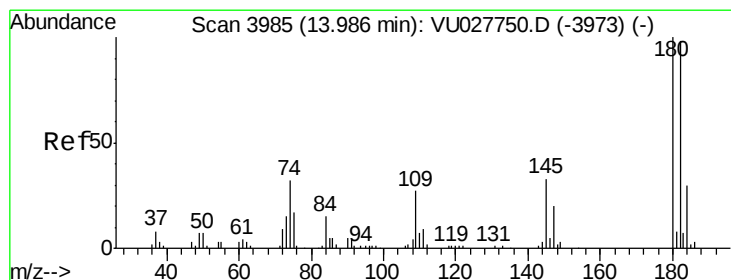
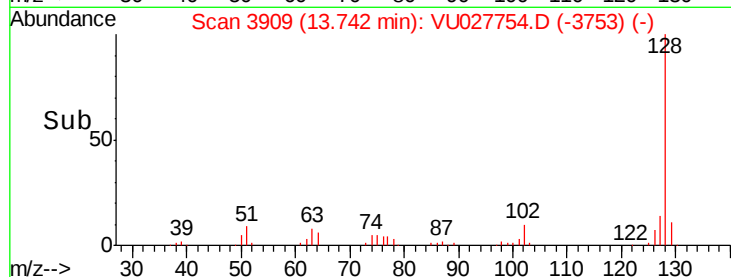
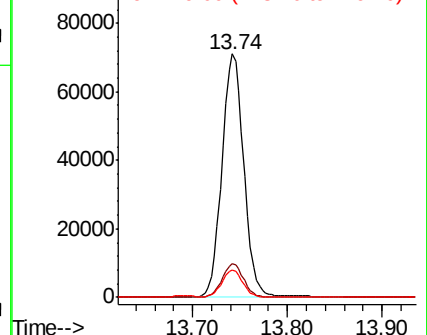
129 10.8 8.5 12.7



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: 10.350 ug/l

RT: 13.99 min Scan# 3985

Delta R.T. 0.00 min

Lab File: VU027754.D

Acq: 23 Oct 2018 08:16

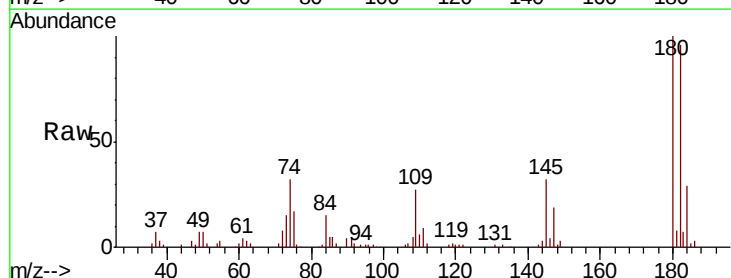
Tgt Ion:180 Resp: 56673

Ion Ratio Lower Upper

180 100

182 96.4 77.0 115.6

145 31.8 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

