

Data File : VU031515.D
Acq On : 26 Apr 2019 00:44
Operator : JC/SP
Sample : K2241-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2019

Quant Time: Apr 26 04:54:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U042619DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Apr 26 04:42:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.74	96	65264	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.31	95	21657	0.95	ug/l	0.00
Spiked Amount	1.000		Recovery	=	95.00%	
68) 1,2-Dichlorobenzene-d4	11.86	152	21757	1.03	ug/l	0.00
Spiked Amount	1.000		Recovery	=	103.00%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	30019	1.019 ug/l	95
3) Chloromethane	1.32	50	35940	1.022 ug/l	99
4) Vinyl Chloride	1.40	62	33441	0.999 ug/l	94
5) Bromomethane	1.63	94	17966	1.108 ug/l	97
6) Chloroethane	1.70	64	18043	0.975 ug/l	90
7) Trichlorofluoromethane	1.88	101	37765	0.991 ug/l	98
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	18692	0.994 ug/l	95
9) 1,1-Dichloroethene	2.28	96	19466	1.042 ug/l	94
10) Iodomethane	2.41	142	11967	0.582 ug/l	92
11) Allyl Chloride	2.59	41	40345	0.986 ug/l	98
12) Acrylonitrile	2.94	53	11864	2.096 ug/l	94
13) Acetone	2.33	43	26354	5.109 ug/l	97
14) Carbon Disulfide	2.48	76	73349	1.023 ug/l	97
15) Methylene Chloride	2.70	84	25809	1.090 ug/l	97
16) trans-1,2-Dichloroethene	2.98	96	20906	1.000 ug/l	99
17) 1,1-Dichloroethane	3.44	63	43109	0.989 ug/l	100
18) 2-Butanone	4.28	43	33087	4.909 ug/l	92
19) Cyclohexane	4.99	56	25745	0.767 ug/l #	79
20) Methylcyclohexane	6.41	83	23466	0.871 ug/l	96
21) 2,2-Dichloropropane	4.22	77	27491	0.863 ug/l	100
22) cis-1,2-Dichloroethene	4.22	96	20796	0.930 ug/l	94
23) Diethyl Ether	2.10	59	17186	0.960 ug/l #	85
24) tert-Butyl Alcohol	2.85	59	20315	10.937 ug/l #	94
25) Methyl tert-Butyl Ether	3.00	73	54761	1.006 ug/l	96
26) Bromochloromethane	4.55	128	9361	0.991 ug/l	87
27) Chloroform	4.67	83	40362	0.999 ug/l	97
28) 1,1,1-Trichloroethane	4.91	97	32659	0.960 ug/l	97
29) 1,1-Dichloropropene	5.13	75	26912	0.976 ug/l	98
30) Carbon Tetrachloride	5.13	117	29726	1.025 ug/l	99
31) Isopropyl Ether	3.57	45	61455	0.941 ug/l	93
32) Ethyl-t-butyl ether	4.07	59	49824	0.940 ug/l	98
33) Tert-Amyl methyl ether	5.58	73	40097	0.951 ug/l	99
34) Propionitrile	4.35	54	5503	3.044 ug/l #	81
35) Benzene	5.39	78	80433	0.954 ug/l	98
36) 1,2-Dichloroethane	5.41	62	27096	0.986 ug/l	99
37) Trichloroethene	6.19	130	19533	0.947 ug/l	93
38) 1,2-Dichloropropane	6.43	63	22748	0.955 ug/l	92
39) Methacrylonitrile	4.56	41	6994	0.922 ug/l #	84
40) Methyl acrylate	4.44	55	3221	0.615 ug/l #	69
41) Tetrahydrofuran	4.66	42	7749	1.864 ug/l #	80
42) 1-Chlorobutane	5.06	56	38492	0.920 ug/l	95

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Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Apr 26 04:42:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.56	93	11813	1.009	ug/l	96
44) Bromodichloromethane	6.76	83	28188	0.969	ug/l	99
45) 4-Methyl-2-Pentanone	7.46	43	62163	4.437	ug/l	94
46) t-1,4-Dichloro-2-butene	10.49	75	21754	5.060	ug/l #	44
47) Methyl methacrylate	6.63	69	14726	1.628	ug/l	95
48) Ethyl methacrylate	8.03	69	13705	0.871	ug/l	92
49) Toluene	7.64	92	36415	0.831	ug/l	89
50) t-1,3-Dichloropropene	7.88	75	20650	0.901	ug/l	99
51) cis-1,3-Dichloropropene	7.27	75	23935	0.858	ug/l	97
52) 1,1,2-Trichloroethane	8.07	97	15071	0.987	ug/l	87
53) 1,3-Dichloropropane	8.24	76	25860	0.965	ug/l	98
54) 2-Hexanone	8.37	43	39597	4.192	ug/l	91
55) Dibromochloromethane	8.48	129	16964	0.985	ug/l	100
56) 1,2-Dibromoethane	8.59	107	13092	0.958	ug/l	95
58) Tetrachloroethene	8.22	164	18636	0.937	ug/l	92
59) Chlorobenzene	9.12	112	42478	0.924	ug/l	95
60) 1,1,1,2-Tetrachloroethane	9.21	131	16783	0.936	ug/l	97
61) Pentachloroethane	11.10	117	11965	0.942	ug/l	97
62) Hexachloroethane	12.14	117	13014	1.040	ug/l	94
63) Ethyl Benzene	9.25	91	65725	0.873	ug/l	98
64) m/p-Xylenes	9.37	106	44821	1.591	ug/l	94
65) o-Xylene	9.78	106	21854	0.798	ug/l	94
66) Styrene	9.79	104	35597	0.946	ug/l	97
67) Bromoform	9.96	173	9358	0.971	ug/l #	96
69) Isopropylbenzene	10.16	105	59341	0.828	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.45	83	20448	1.040	ug/l	99
71) 1,2,3-Trichloropropane	10.49	75	21754	1.518	ug/l #	83
72) Bromobenzene	10.45	156	16842	0.926	ug/l	96
73) n-propylbenzene	10.58	120	15454	0.833	ug/l	99
74) 2-Chlorotoluene	10.66	126	14918	0.844	ug/l	98
75) 1,3,5-Trimethylbenzene	10.77	105	48649	0.897	ug/l	99
76) 4-Chlorotoluene	10.77	126	15131	0.915	ug/l	95
77) tert-Butylbenzene	11.10	119	48592	0.848	ug/l	99
78) 1,2,4-Trimethylbenzene	11.15	105	47677	0.877	ug/l	99
79) sec-Butylbenzene	11.32	105	65738	0.841	ug/l	99
81) p-Isopropyltoluene	11.47	119	47468	0.916	ug/l	96
82) 1,3-Dichlorobenzene	11.42	146	33971	0.945	ug/l	96
83) 1,4-Dichlorobenzene	11.51	146	32974	0.955	ug/l	99
84) n-Butylbenzene	11.89	91	49494	1.026	ug/l	95
85) 1,2-Dichlorobenzene	11.88	146	32889	0.962	ug/l	99
86) 1,2-Dibromo-3-Chloropropan	12.65	75	2972	1.050	ug/l #	81
87) 1,2,4-Trichlorobenzene	13.51	180	13996	1.029	ug/l	99
88) Hexachlorobutadiene	13.69	225	11671	0.930	ug/l	97
89) Naphthalene	13.75	128	22931	1.179	ug/l #	97
90) 1,2,3-Trichlorobenzene	13.99	180	14676	0.828	ug/l	96

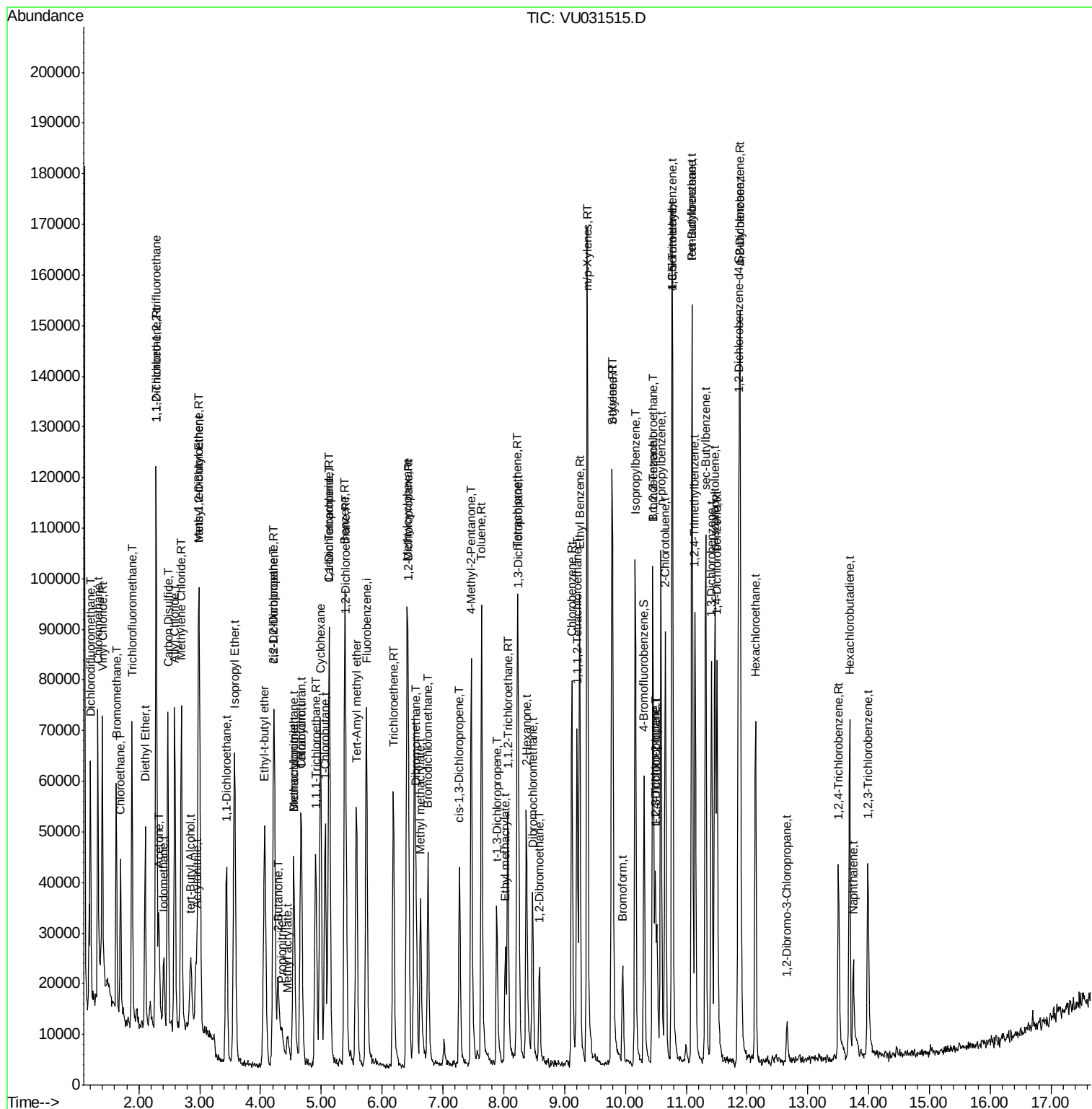
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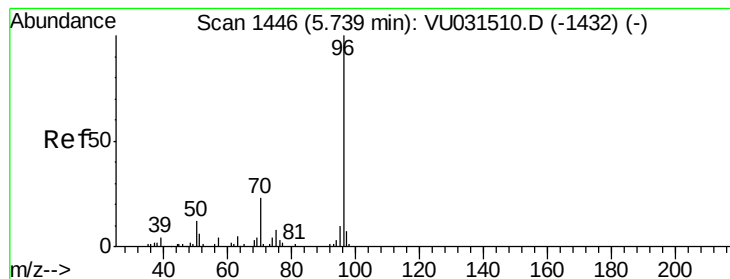
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#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 5.74 min Scan# 1446

Delta R.T. 0.00 min

Lab File: VU031515.D

Acq: 26 Apr 2019 00:44

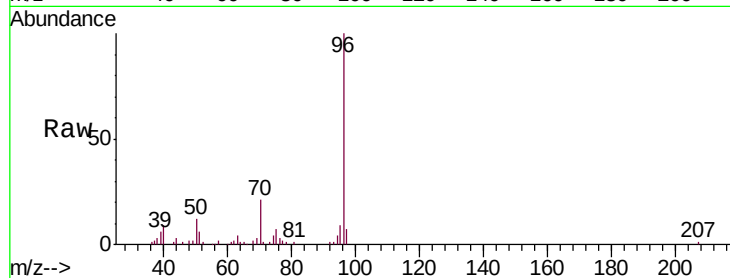
Instrument :

MSVOA_U

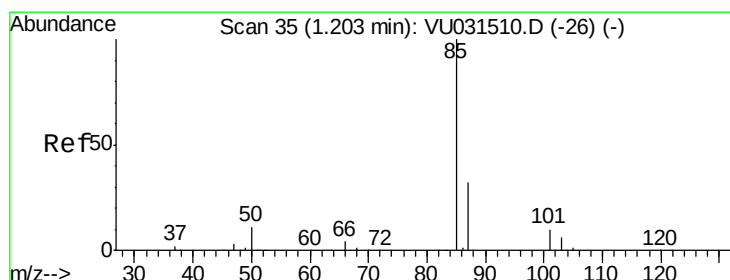
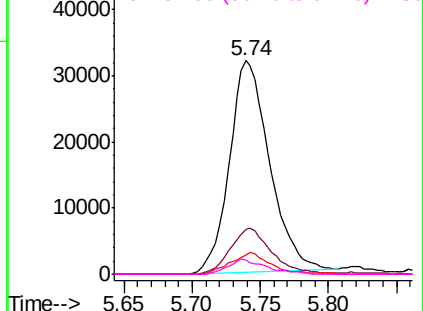
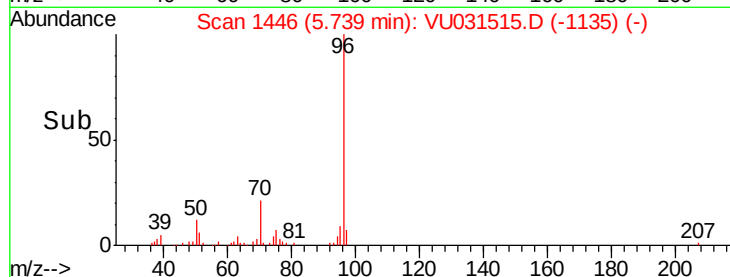
ClientSampleId :

LOQ-WATER-02-QT2-2019

Tgt Ion:	96	Resp:	65264
Ion	Ratio	Lower	Upper
96	100		
70	21.7	18.2	27.2
95	9.6	7.7	11.5
97	6.6	0.0	0.0#



Abundance Ion 96.00 (95.70 to 96.70): VU031515.D (-1135) (-)



#2

Dichlorodifluoromethane

Concen: 1.019 ug/l

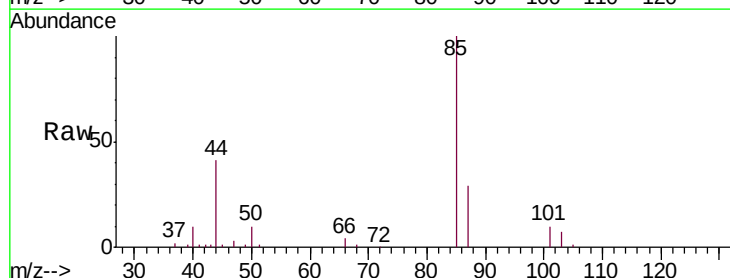
RT: 1.20 min Scan# 35

Delta R.T. 0.00 min

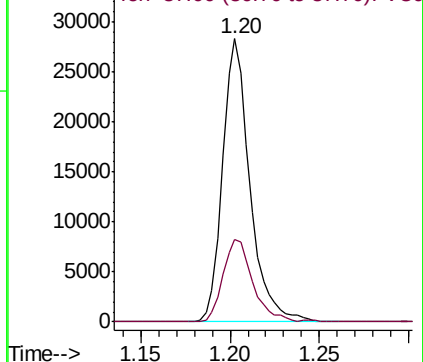
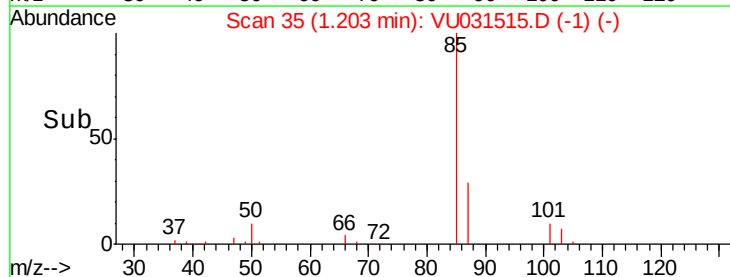
Lab File: VU031515.D

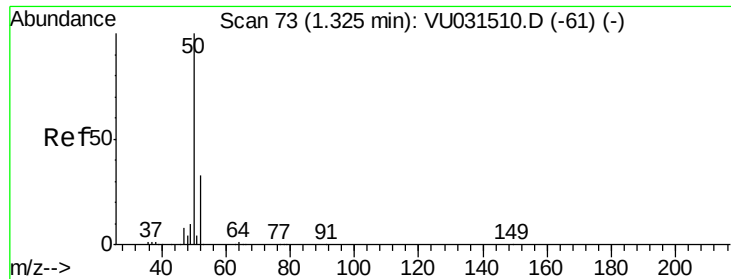
Acq: 26 Apr 2019 00:44

Tgt Ion:	85	Resp:	30019
Ion	Ratio	Lower	Upper
85	100		
87	29.1	16.1	48.2



Abundance Ion 85.00 (84.70 to 85.70): VU031515.D (-1) (-)





#3

Chloromethane

Concen: 1.022 ug/l

RT: 1.32 min Scan# 72

Delta R.T. -0.00 min

Lab File: VU031515.D

Acq: 26 Apr 2019 00:44

Instrument :

MSVOA_U

ClientSampleId :

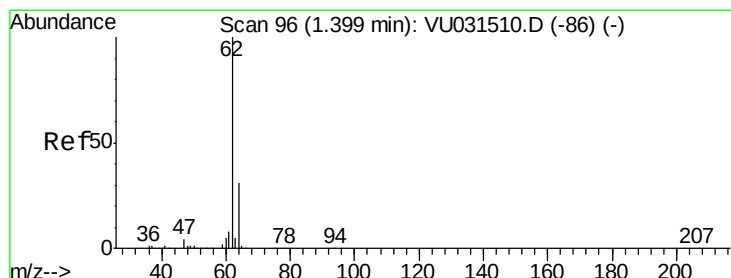
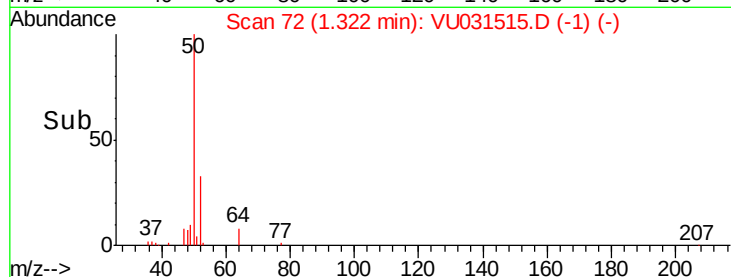
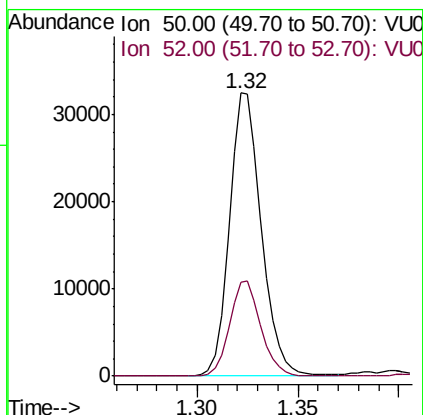
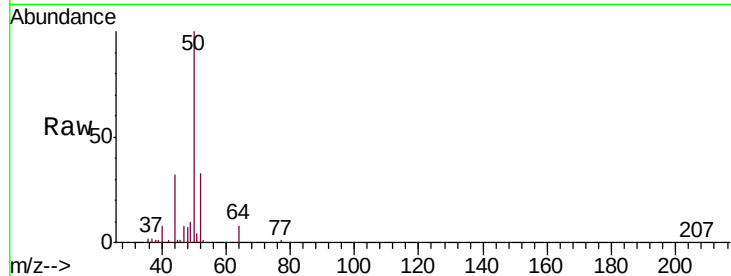
LOQ-WATER-02-QT2-2019

Tgt Ion: 50 Resp: 35940

Ion Ratio Lower Upper

50 100

52 33.3 26.1 39.1



#4

Vinyl Chloride

Concen: 0.999 ug/l

RT: 1.40 min Scan# 96

Delta R.T. 0.00 min

Lab File: VU031515.D

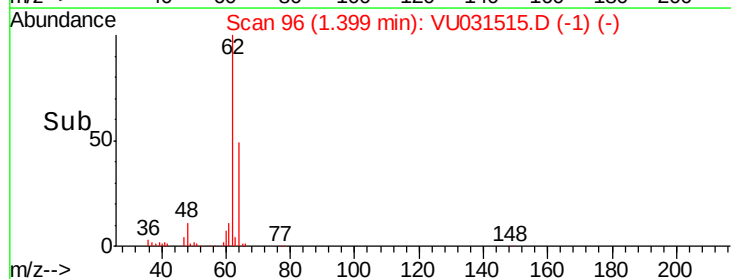
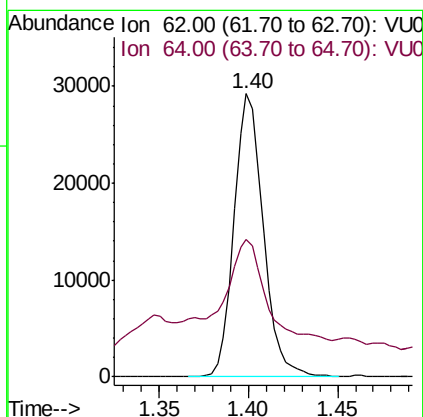
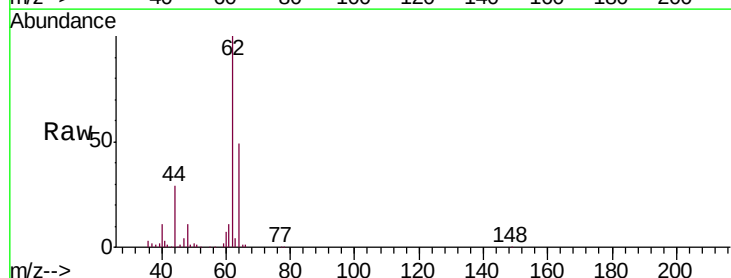
Acq: 26 Apr 2019 00:44

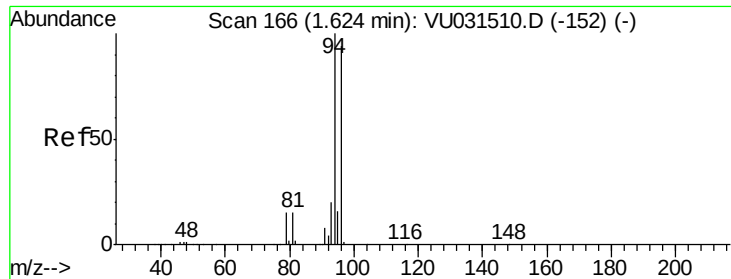
Tgt Ion: 62 Resp: 33441

Ion Ratio Lower Upper

62 100

64 35.3 25.5 38.3





#5

Bromomethane

Concen: 1.108 ug/l

RT: 1.63 min Scan# 167

Delta R.T. 0.00 min

Lab File: VU031515.D

Acq: 26 Apr 2019 00:44

Instrument :

MSVOA_U

ClientSampleId :

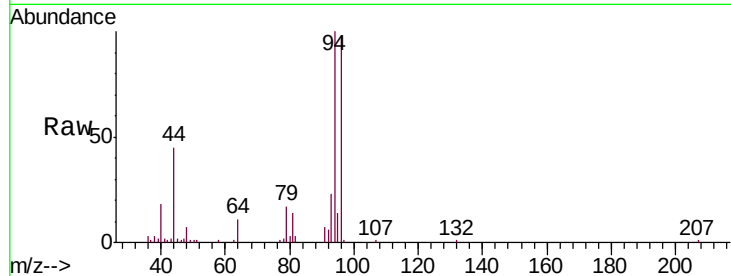
LOQ-WATER-02-QT2-2019

Tgt Ion: 94 Resp: 17966

Ion Ratio Lower Upper

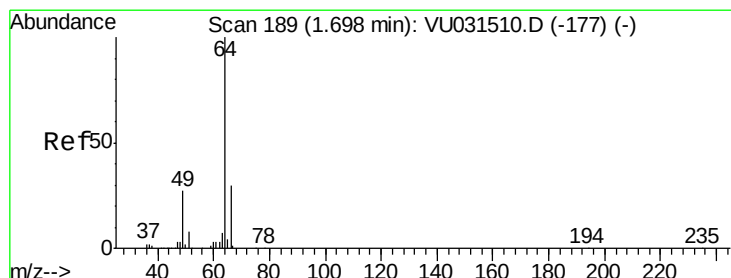
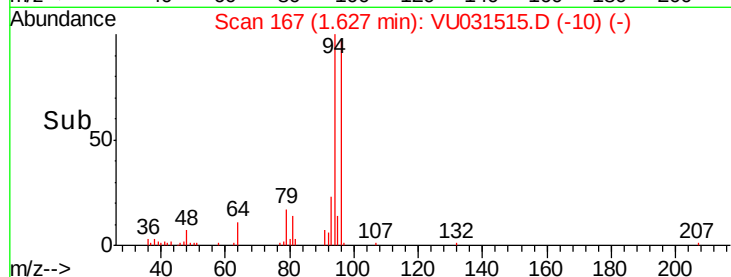
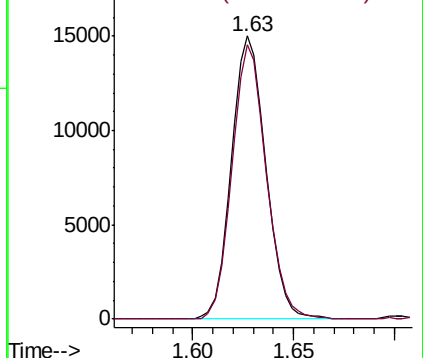
94 100

96 97.0 75.5 113.3



Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0



#6

Chloroethane

Concen: 0.975 ug/l

RT: 1.70 min Scan# 189

Delta R.T. 0.00 min

Lab File: VU031515.D

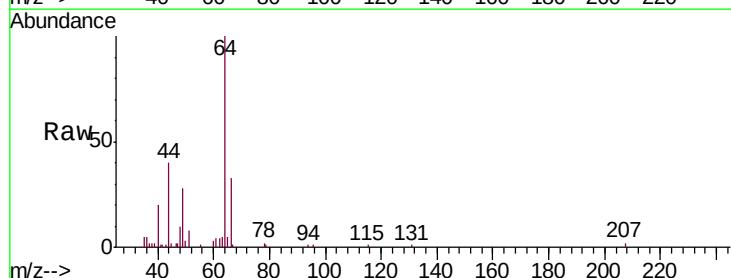
Acq: 26 Apr 2019 00:44

Tgt Ion: 64 Resp: 18043

Ion Ratio Lower Upper

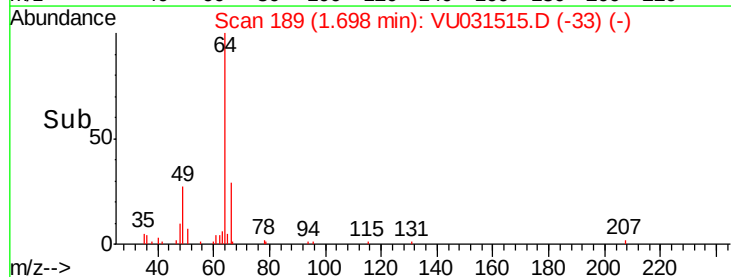
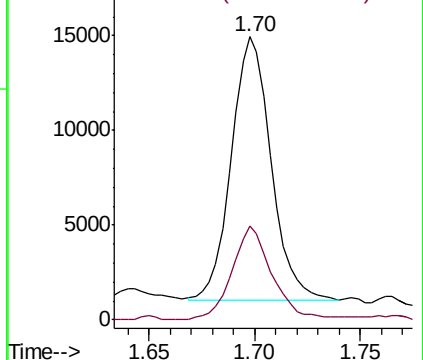
64 100

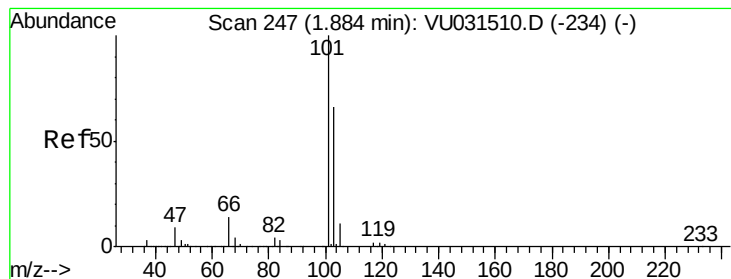
66 35.7 24.3 36.5



Abundance Ion 64.00 (63.70 to 64.70): VU0

Ion 66.00 (65.70 to 66.70): VU0



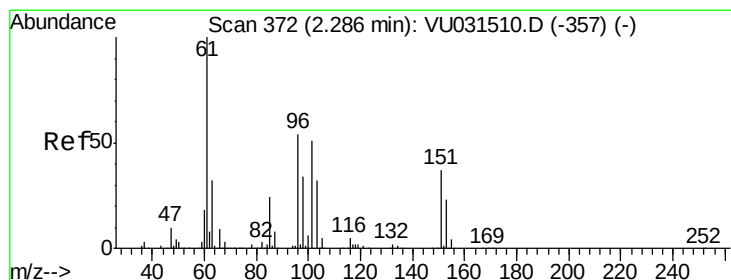
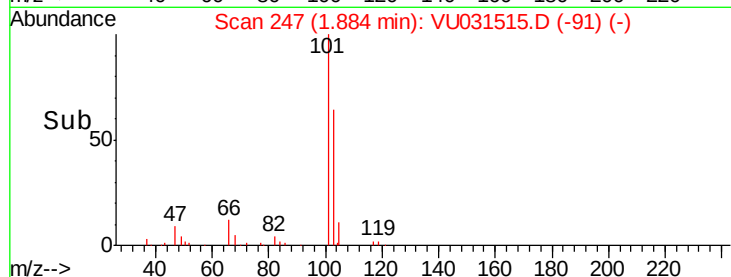
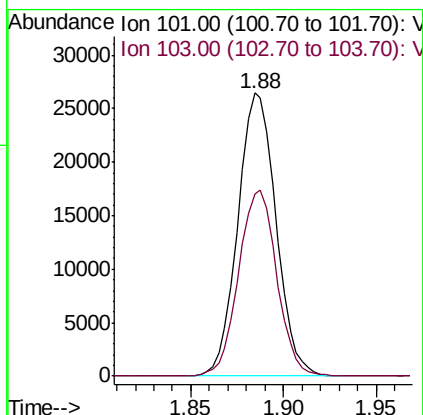
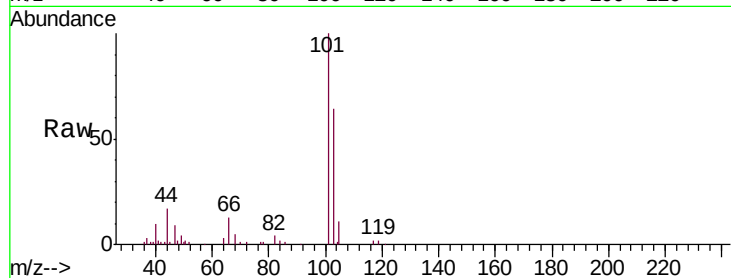


#7

Trichlorofluoromethane
 Concen: 0.991 ug/l
 RT: 1.88 min Scan# 247
 Delta R.T. 0.00 min
 Lab File: VU031515.D
 Acq: 26 Apr 2019 00:44

Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT2-2019

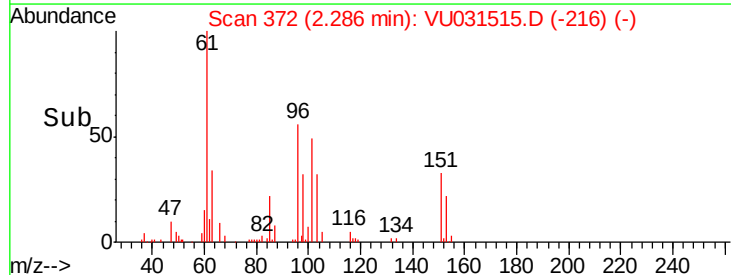
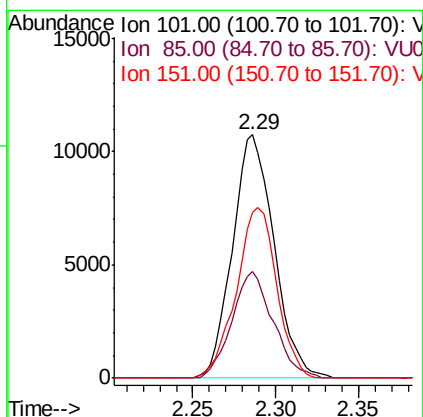
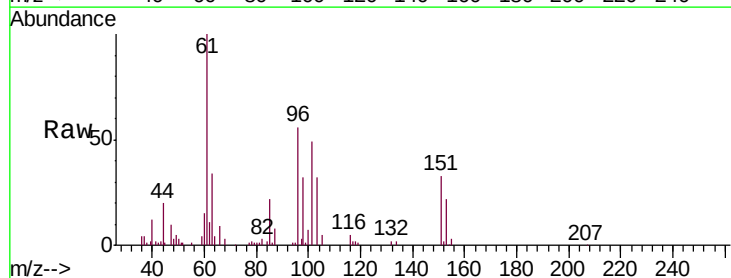
Tgt Ion:101 Resp: 37765
 Ion Ratio Lower Upper
 101 100
 103 64.3 52.8 79.2

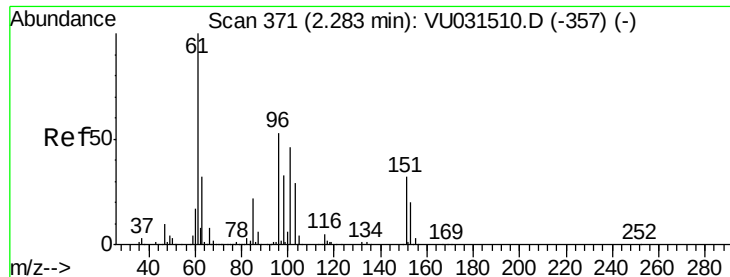


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.994 ug/l
 RT: 2.29 min Scan# 372
 Delta R.T. 0.00 min
 Lab File: VU031515.D
 Acq: 26 Apr 2019 00:44

Tgt Ion:101 Resp: 18692
 Ion Ratio Lower Upper
 101 100
 85 43.4 37.8 56.6
 151 68.3 57.4 86.0





#9

1,1-Dichloroethene

Concen: 1.042 ug/l

RT: 2.28 min Scan# 371

Delta R.T. 0.00 min

Lab File: VU031515.D

Acq: 26 Apr 2019 00:44

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT2-2019

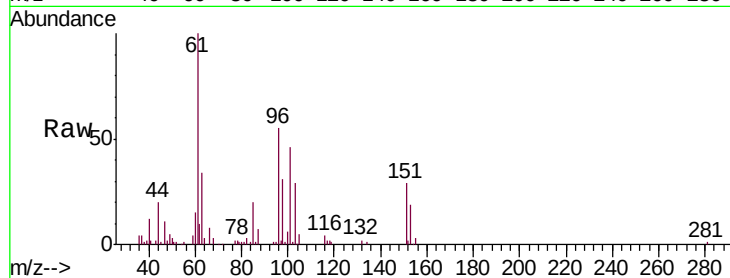
Tgt Ion: 96 Resp: 19466

Ion Ratio Lower Upper

96 100

61 181.8 0.0 566.7

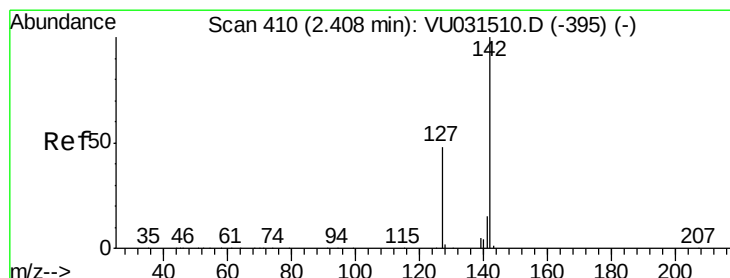
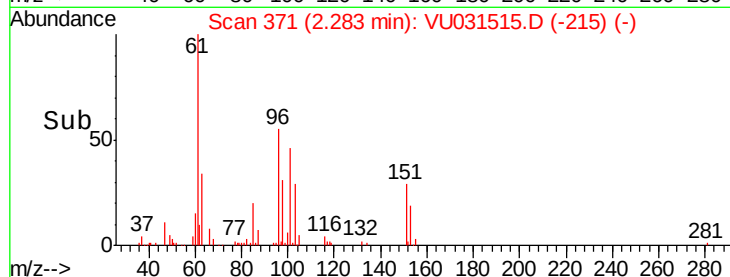
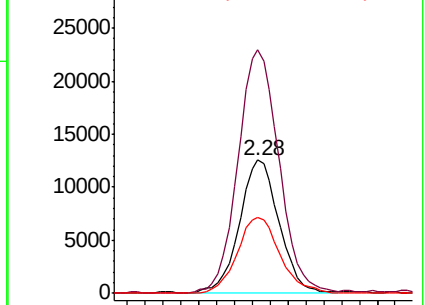
98 57.4 0.0 126.4



Abundance Ion 96.00 (95.70 to 96.70): VU031515.D (-215) (-)

Ion 61.00 (60.70 to 61.70): VU031515.D (-215) (-)

Ion 98.00 (97.70 to 98.70): VU031515.D (-215) (-)



#10

Iodomethane

Concen: 0.582 ug/l

RT: 2.41 min Scan# 410

Delta R.T. 0.00 min

Lab File: VU031515.D

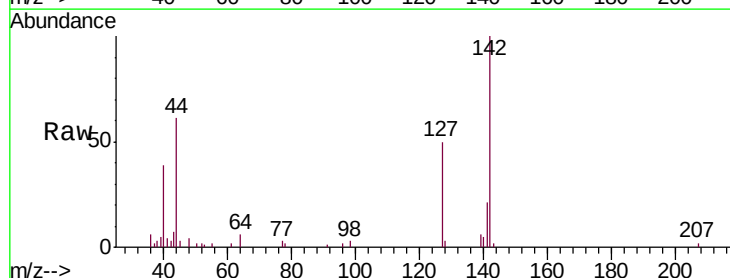
Acq: 26 Apr 2019 00:44

Tgt Ion: 142 Resp: 11967

Ion Ratio Lower Upper

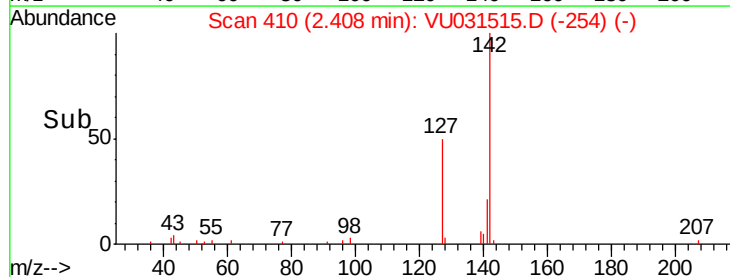
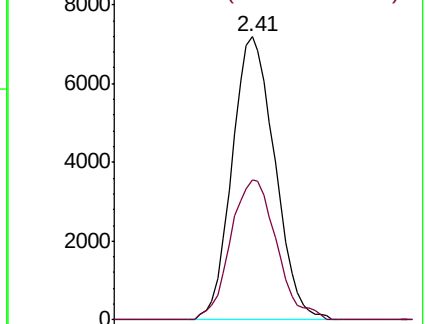
142 100

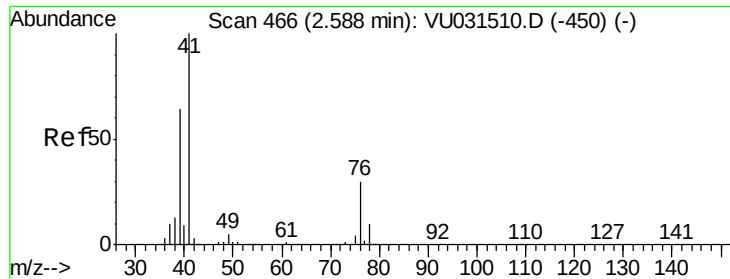
127 53.2 38.2 57.2



Abundance Ion 142.00 (141.70 to 142.70): VU031515.D (-254) (-)

Ion 127.00 (126.70 to 127.70): VU031515.D (-254) (-)

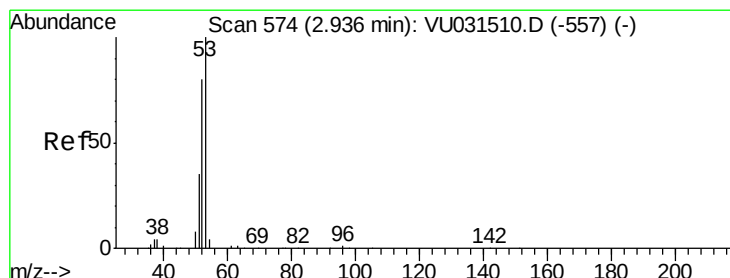
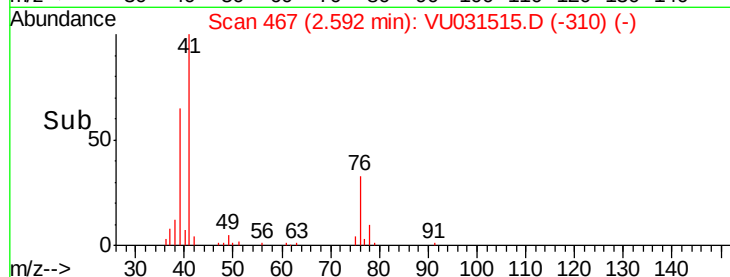
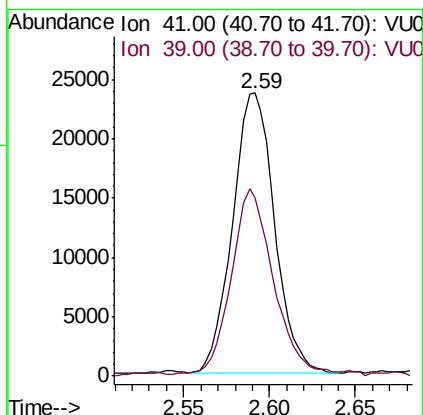
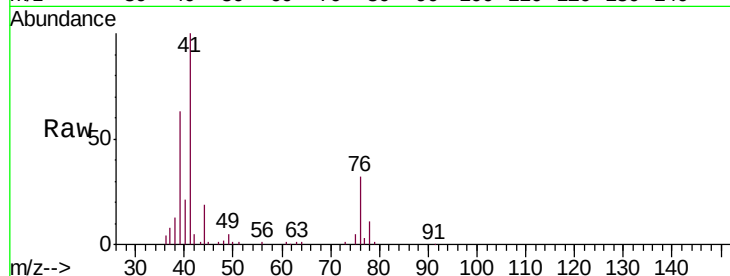




#11
 Allyl Chloride
 Concen: 0.986 ug/l
 RT: 2.59 min Scan# 467
 Delta R.T. 0.00 min
 Lab File: VU031515.D
 Acq: 26 Apr 2019 00:44

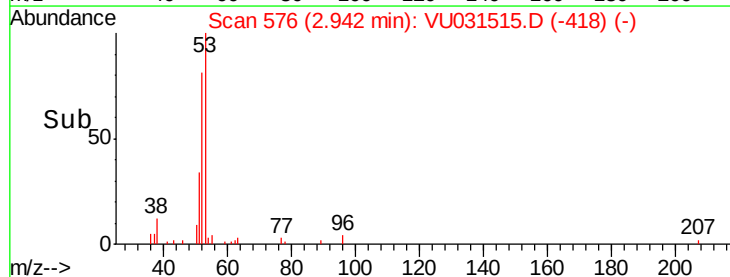
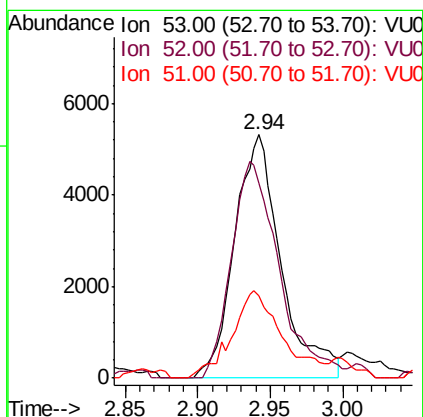
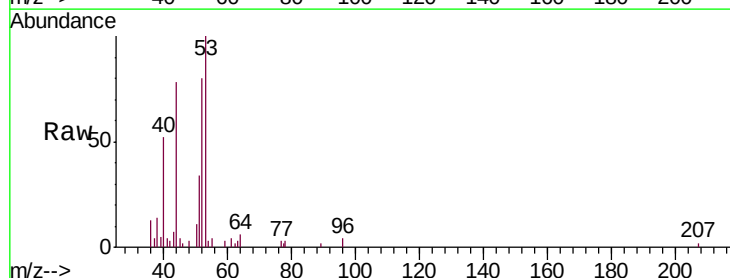
Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT2-2019

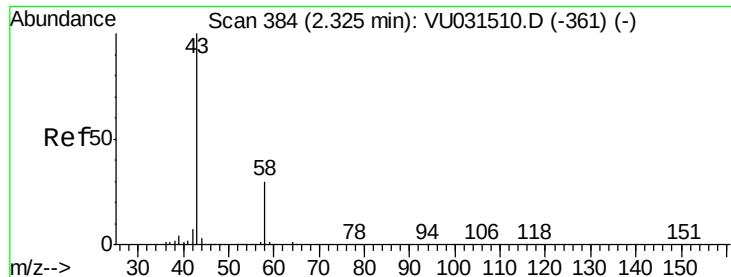
Tgt Ion: 41 Resp: 40345
 Ion Ratio Lower Upper
 41 100
 39 65.5 51.4 77.0



#12
 Acrylonitrile
 Concen: 2.096 ug/l
 RT: 2.94 min Scan# 576
 Delta R.T. 0.01 min
 Lab File: VU031515.D
 Acq: 26 Apr 2019 00:44

Tgt Ion: 53 Resp: 11864
 Ion Ratio Lower Upper
 53 100
 52 91.6 69.4 104.0
 51 38.8 27.5 41.3





#13

Acetone

Concen: 5.109 ug/l

RT: 2.33 min Scan# 385

Delta R.T. 0.00 min

Lab File: VU031515.D

Acq: 26 Apr 2019 00:44

Instrument :

MSVOA_U

ClientSampleId :

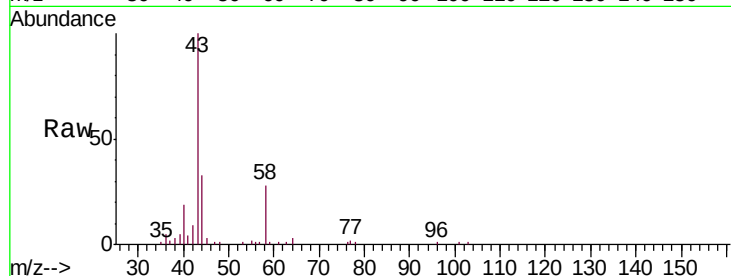
LOQ-WATER-02-QT2-2019

Tgt Ion: 43 Resp: 26354

Ion Ratio Lower Upper

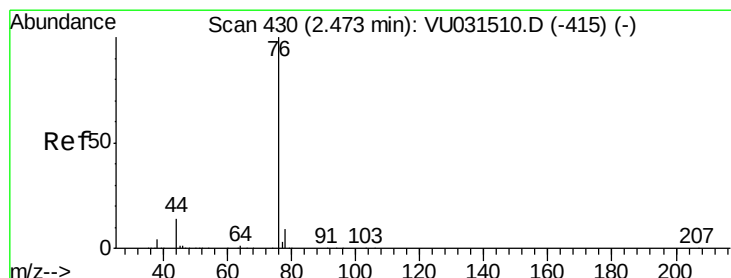
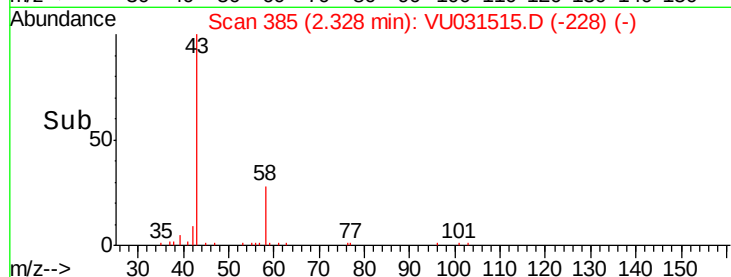
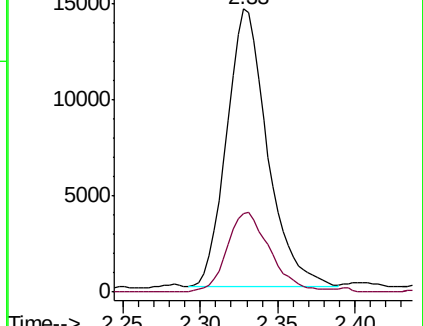
43 100

58 28.3 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VU031515.D (-228) (-)

Ion 58.00 (57.70 to 58.70): VU031515.D (-228) (-)



#14

Carbon Disulfide

Concen: 1.023 ug/l

RT: 2.48 min Scan# 431

Delta R.T. 0.00 min

Lab File: VU031515.D

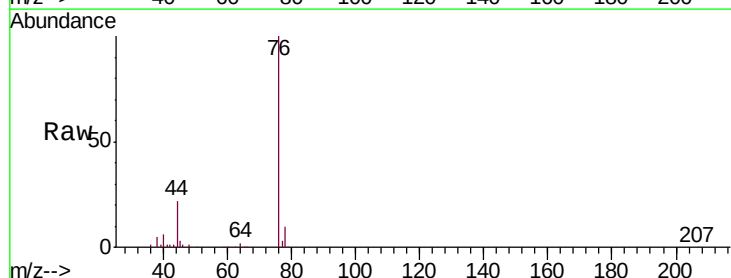
Acq: 26 Apr 2019 00:44

Tgt Ion: 76 Resp: 73349

Ion Ratio Lower Upper

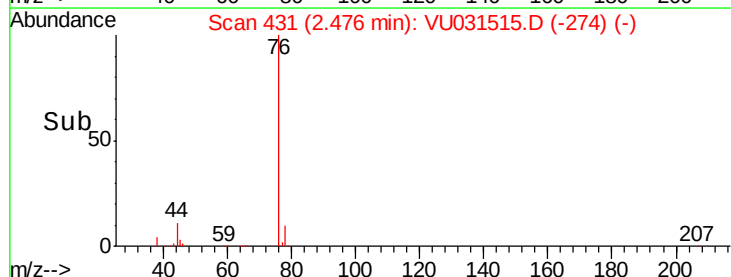
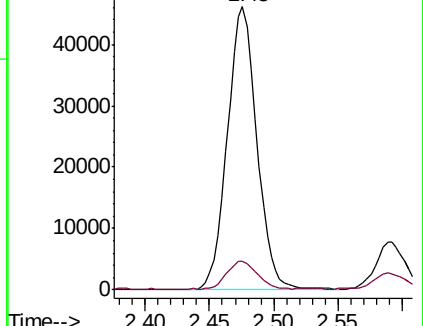
76 100

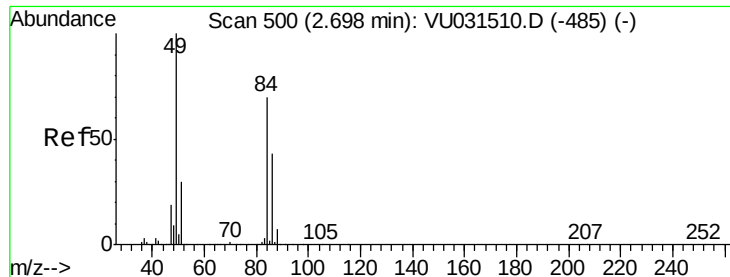
78 10.1 7.2 10.8



Abundance Ion 76.00 (75.70 to 76.70): VU031515.D (-274) (-)

Ion 78.00 (77.70 to 78.70): VU031515.D (-274) (-)





#15

Methylene Chloride

Concen: 1.090 ug/l

RT: 2.70 min Scan# 500

Delta R.T. 0.00 min

Lab File: VU031515.D

Acq: 26 Apr 2019 00:44

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT2-2019

Tgt Ion: 84 Resp: 25809

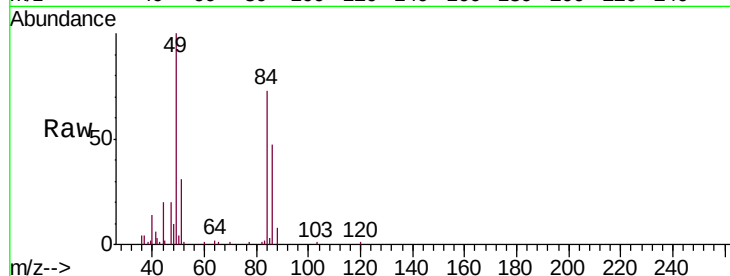
Ion Ratio Lower Upper

84 100

49 137.8 113.6 170.4

51 43.1 0.0 85.6

86 64.1 49.4 74.0

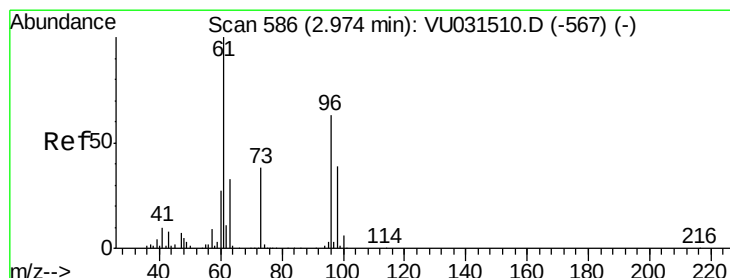
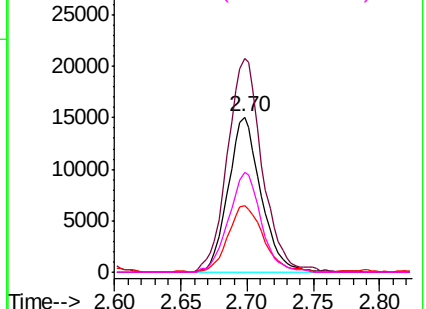
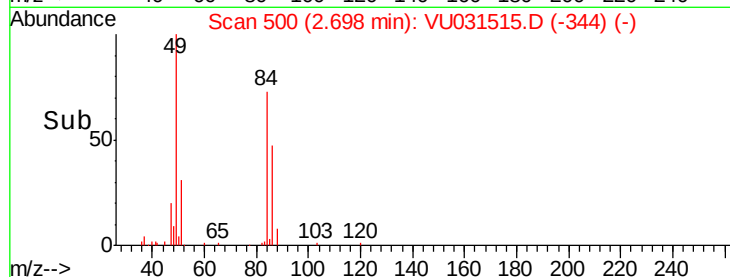


Abundance Ion 84.00 (83.70 to 84.70): VU0

Ion 49.00 (48.70 to 49.70): VU0

Ion 51.00 (50.70 to 51.70): VU0

Ion 86.00 (85.70 to 86.70): VU0



#16

trans-1,2-Dichloroethene

Concen: 1.000 ug/l

RT: 2.98 min Scan# 587

Delta R.T. 0.00 min

Lab File: VU031515.D

Acq: 26 Apr 2019 00:44

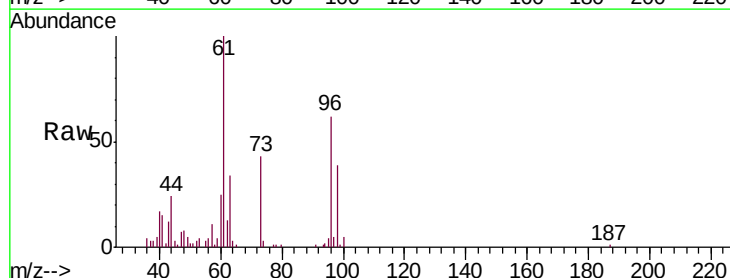
Tgt Ion: 96 Resp: 20906

Ion Ratio Lower Upper

96 100

61 161.1 127.2 190.8

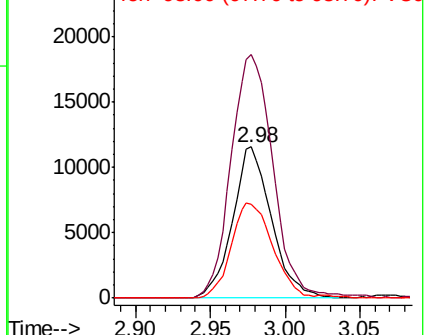
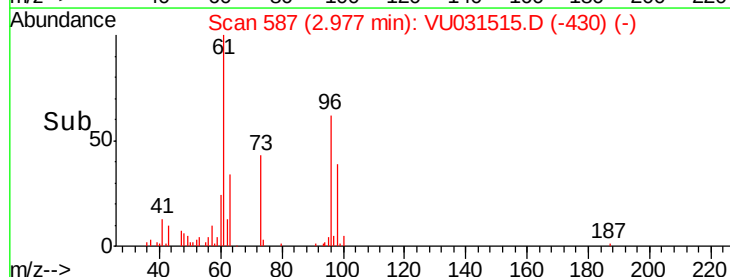
98 62.5 49.4 74.0

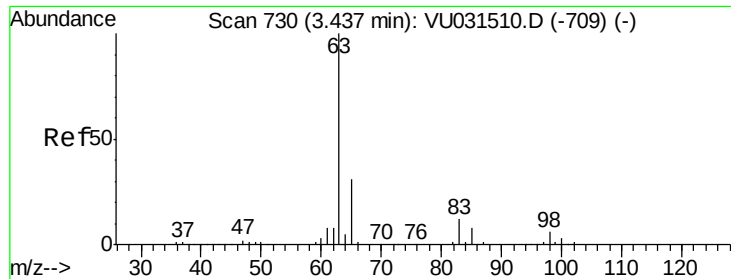


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

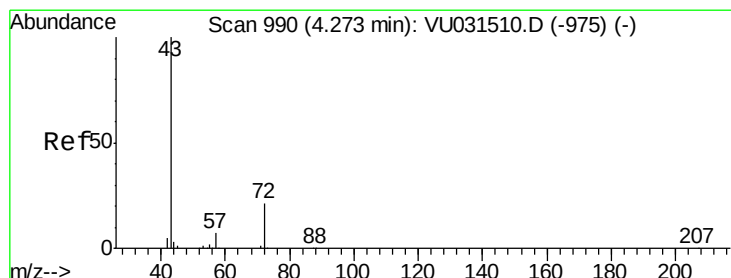
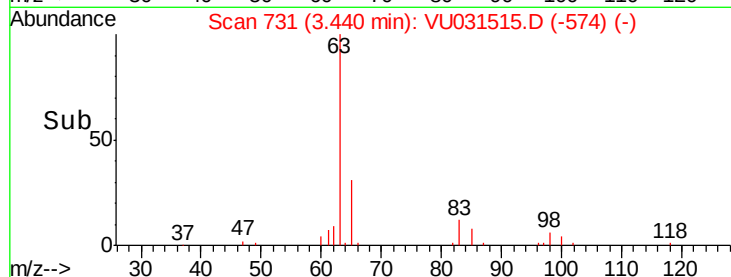
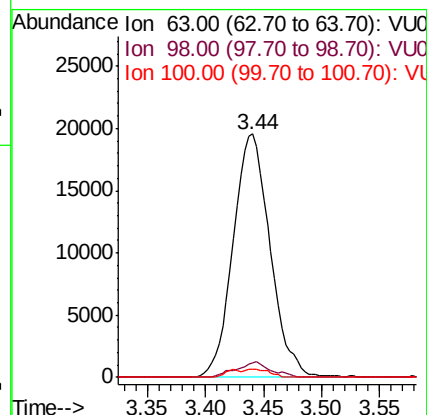
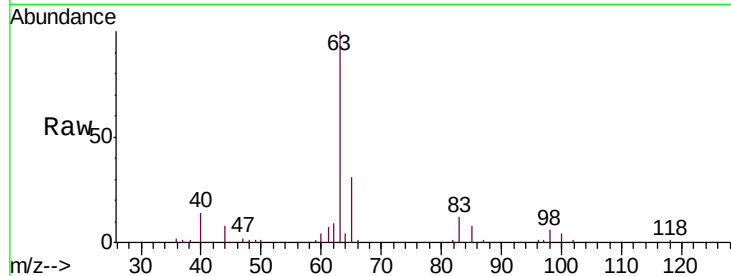




#17
 1,1-Dichloroethane
 Concen: 0.989 ug/l
 RT: 3.44 min Scan# 731
 Delta R.T. 0.00 min
 Lab File: VU031515.D
 Acq: 26 Apr 2019 00:44

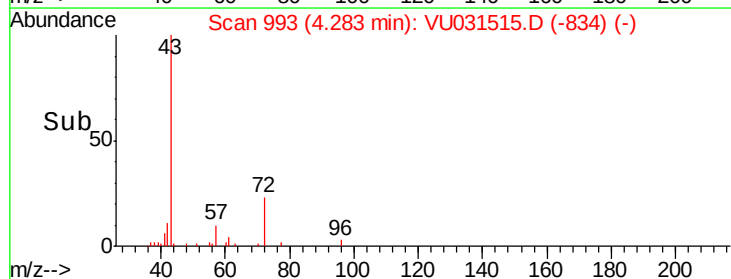
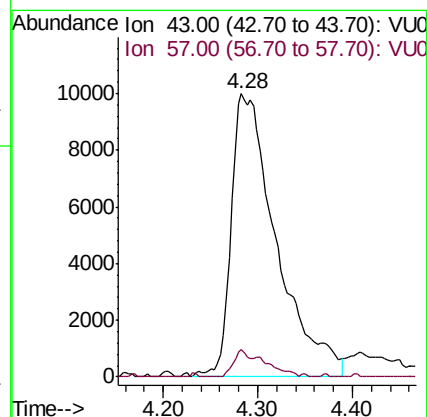
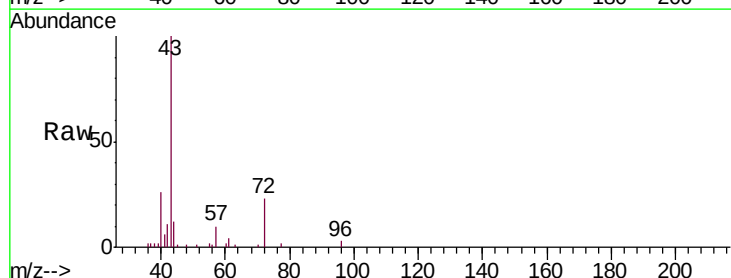
Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT2-2019

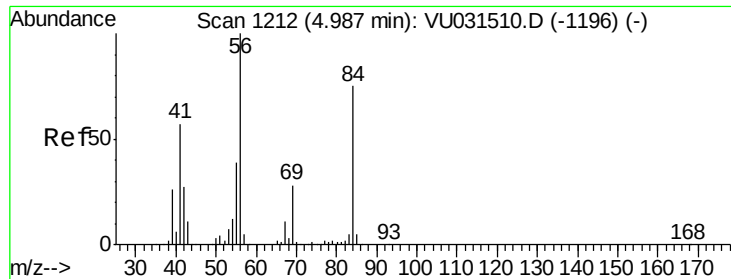
Tgt Ion:	63	Resp:	43109
Ion	Ratio	Lower	Upper
63	100		
98	6.2	3.0	9.2
100	3.6	1.7	5.1



#18
 2-Butanone
 Concen: 4.909 ug/l
 RT: 4.28 min Scan# 993
 Delta R.T. 0.01 min
 Lab File: VU031515.D
 Acq: 26 Apr 2019 00:44

Tgt Ion:	43	Resp:	33087
Ion	Ratio	Lower	Upper
43	100		
57	9.8	0.0	14.2

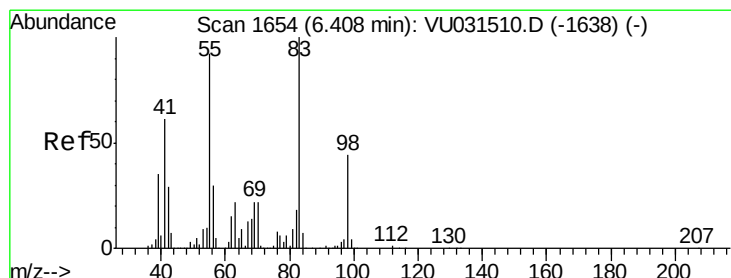
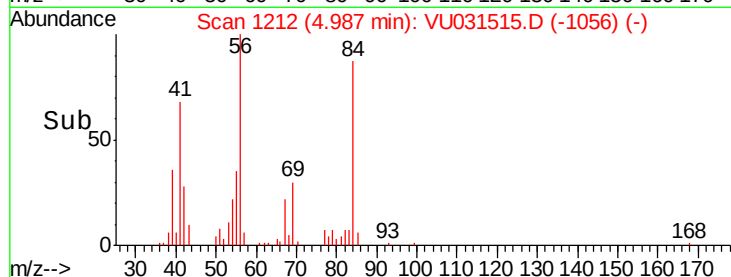
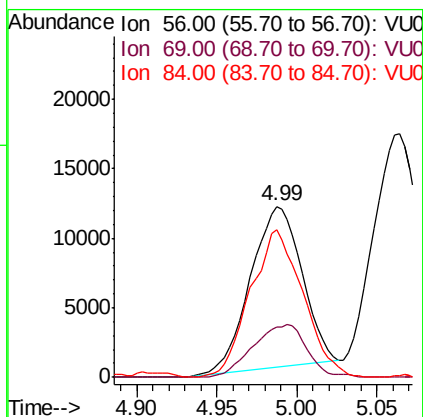
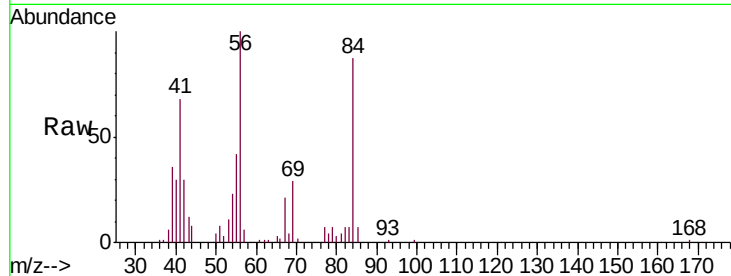




#19
Cyclohexane
Concen: 0.767 ug/l
RT: 4.99 min Scan# 1212
Delta R.T. 0.00 min
Lab File: VU031515.D
Acq: 26 Apr 2019 00:44

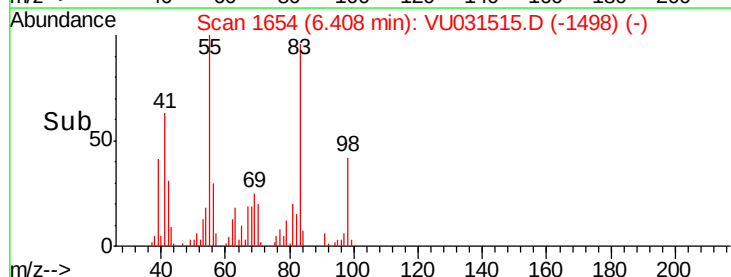
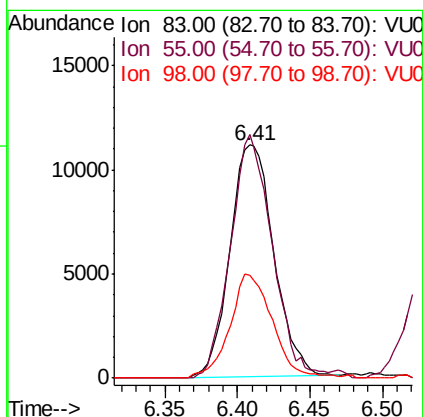
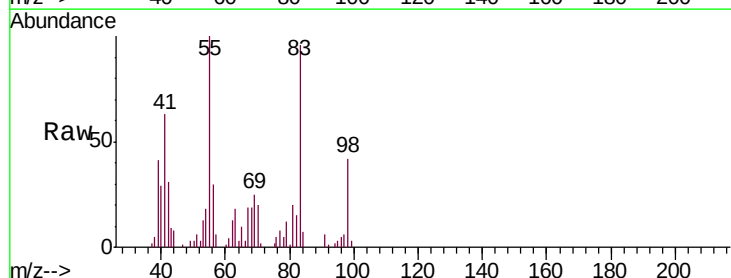
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2019

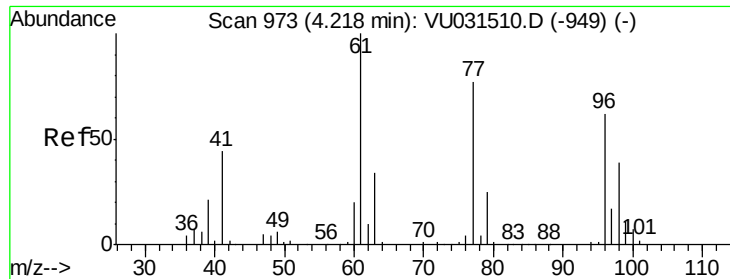
Tgt Ion: 56 Resp: 25745
Ion Ratio Lower Upper
56 100
69 34.4 22.4 33.6#
84 93.7 59.0 88.4#



#20
Methylcyclohexane
Concen: 0.871 ug/l
RT: 6.41 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VU031515.D
Acq: 26 Apr 2019 00:44

Tgt Ion: 83 Resp: 23466
Ion Ratio Lower Upper
83 100
55 96.6 73.7 110.5
98 42.1 35.2 52.8

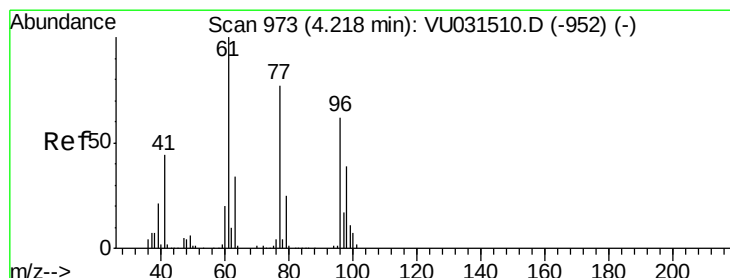
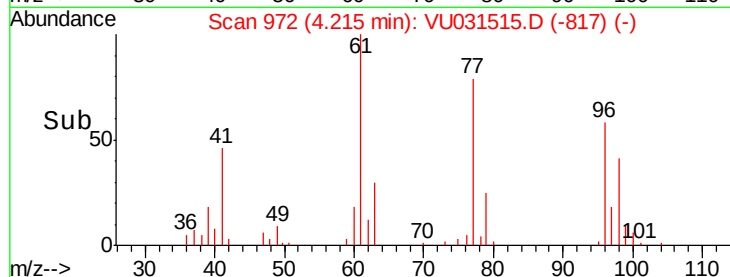
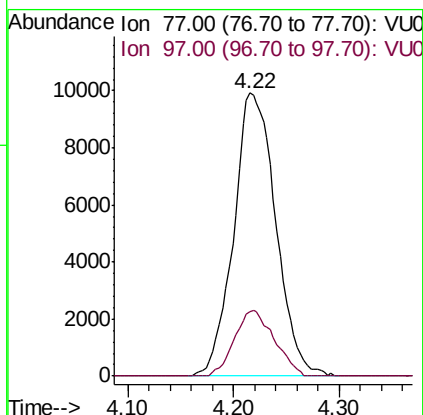
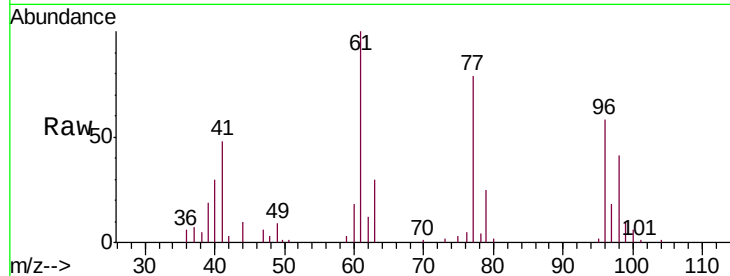




#21
 2,2-Dichloropropane
 Concen: 0.863 ug/l
 RT: 4.22 min Scan# 972
 Delta R.T. -0.00 min
 Lab File: VU031515.D
 Acq: 26 Apr 2019 00:44

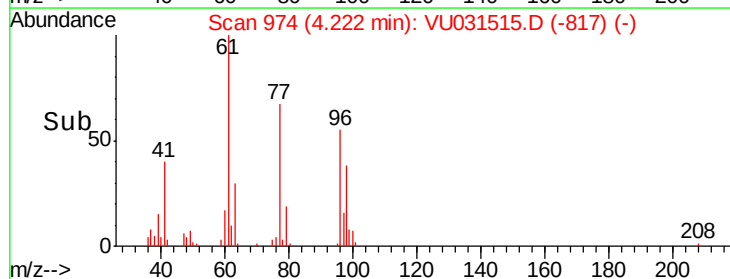
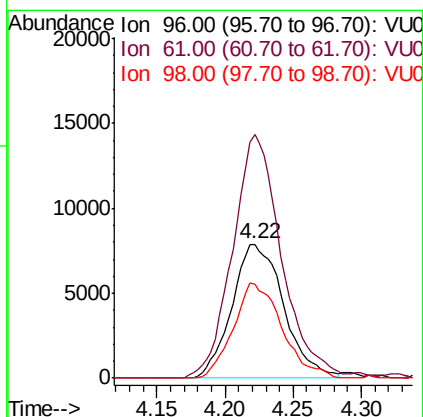
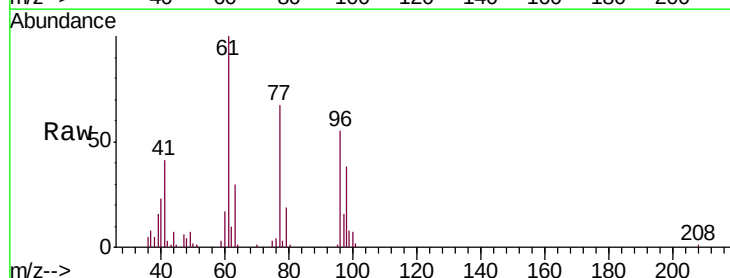
Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT2-2019

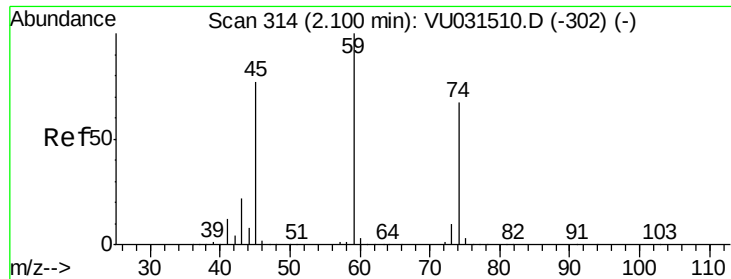
Tgt Ion: 77 Resp: 27491
 Ion Ratio Lower Upper
 77 100
 97 22.1 17.5 26.3



#22
 cis-1,2-Dichloroethene
 Concen: 0.930 ug/l
 RT: 4.22 min Scan# 974
 Delta R.T. 0.00 min
 Lab File: VU031515.D
 Acq: 26 Apr 2019 00:44

Tgt Ion: 96 Resp: 20796
 Ion Ratio Lower Upper
 96 100
 61 171.2 0.0 408.8
 98 66.6 31.1 93.3

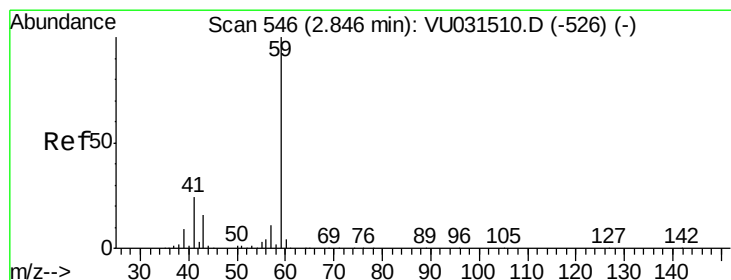
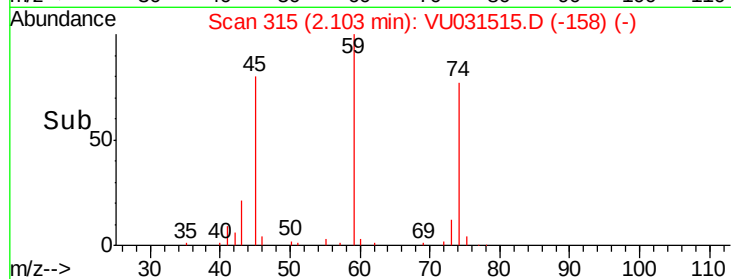
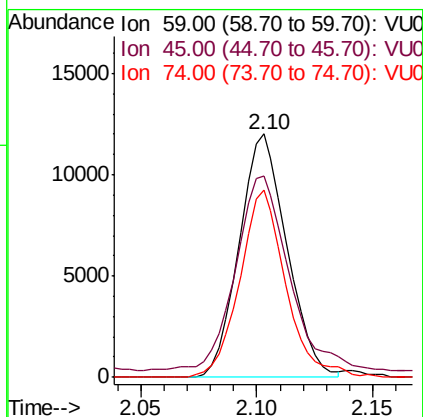
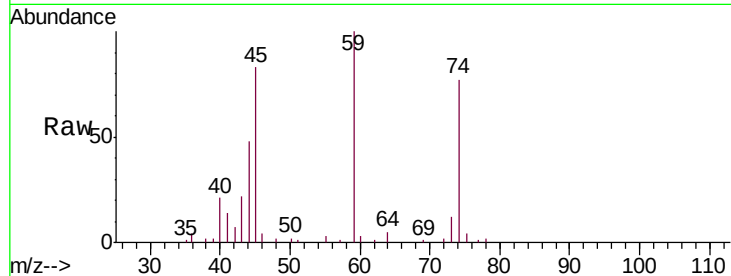




#23
Diethyl Ether
Concen: 0.960 ug/l
RT: 2.10 min Scan# 315
Delta R.T. 0.00 min
Lab File: VU031515.D
Acq: 26 Apr 2019 00:44

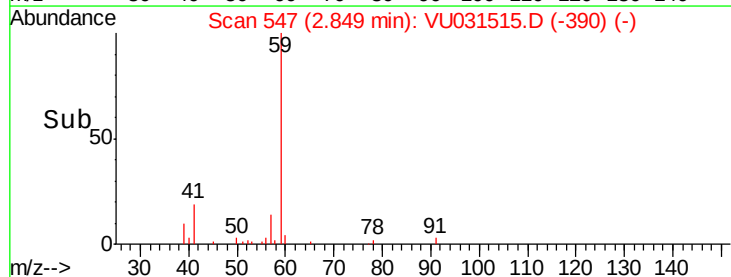
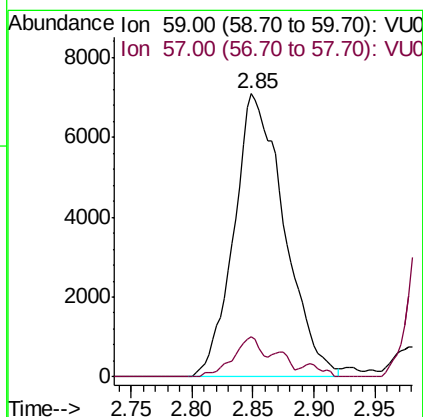
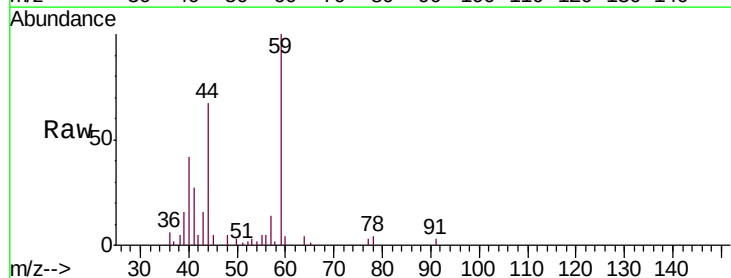
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2019

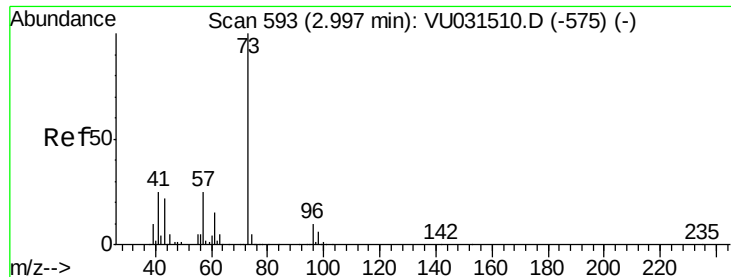
Tgt Ion: 59 Resp: 17186
Ion Ratio Lower Upper
59 100
45 99.6 64.5 96.7#
74 74.3 54.6 81.8



#24
tert-Butyl Alcohol
Concen: 10.937 ug/l
RT: 2.85 min Scan# 547
Delta R.T. 0.00 min
Lab File: VU031515.D
Acq: 26 Apr 2019 00:44

Tgt Ion: 59 Resp: 20315
Ion Ratio Lower Upper
59 100
57 8.1 8.2 12.2#



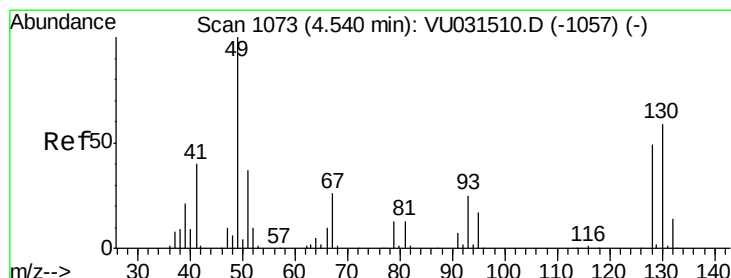
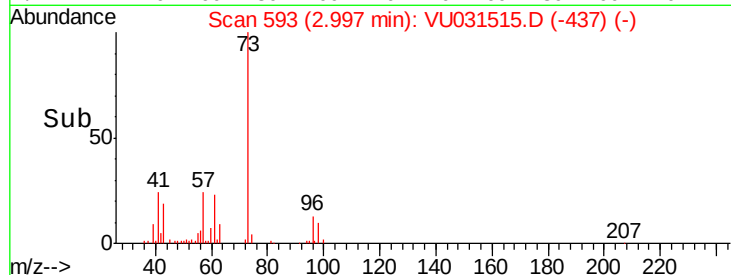
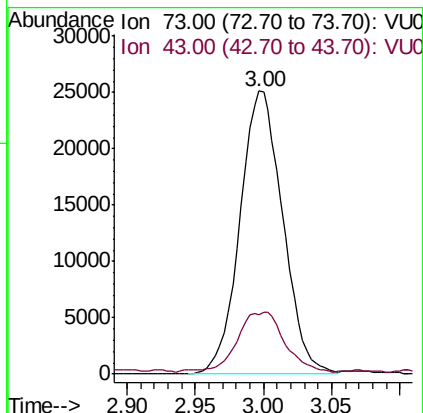
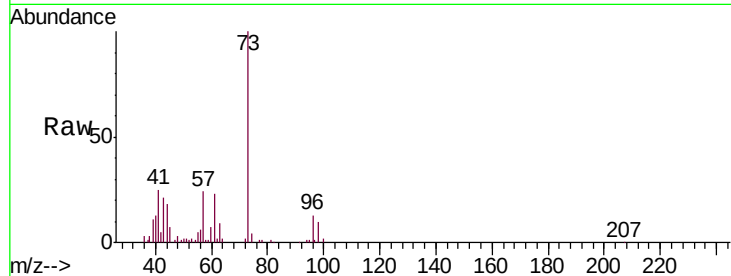


#25

Methyl tert-Butyl Ether
 Concen: 1.006 ug/l
 RT: 3.00 min Scan# 593
 Delta R.T. 0.00 min
 Lab File: VU031515.D
 Acq: 26 Apr 2019 00:44

Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT2-2019

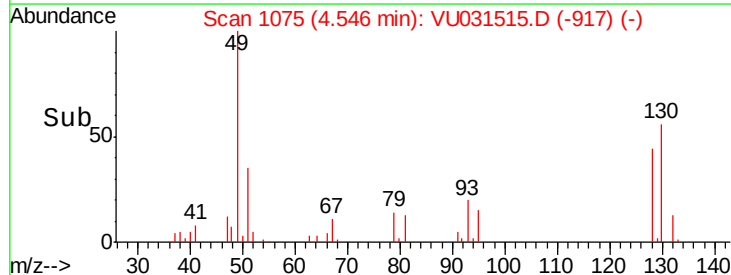
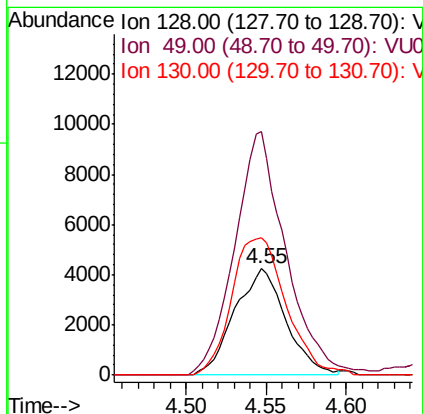
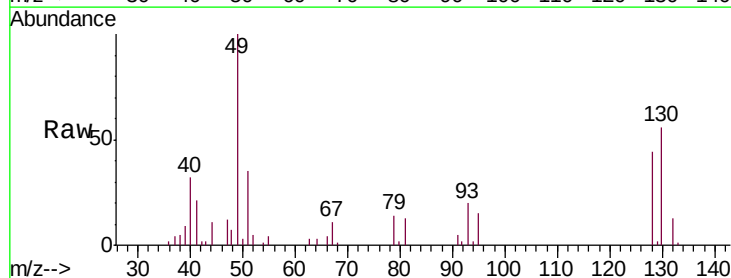
Tgt Ion: 73 Resp: 54761
 Ion Ratio Lower Upper
 73 100
 43 22.9 16.9 25.3

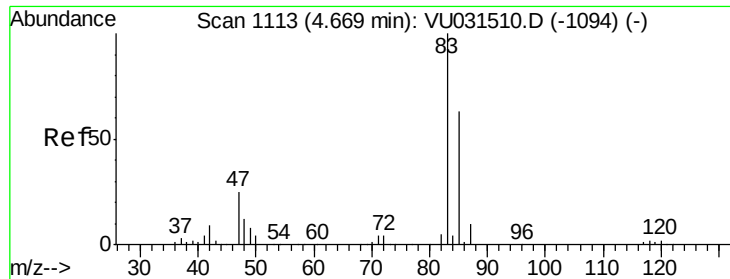


#26

Bromochloromethane
 Concen: 0.991 ug/l
 RT: 4.55 min Scan# 1075
 Delta R.T. 0.01 min
 Lab File: VU031515.D
 Acq: 26 Apr 2019 00:44

Tgt Ion: 128 Resp: 9361
 Ion Ratio Lower Upper
 128 100
 49 227.3 0.0 407.2
 130 136.7 101.4 152.2

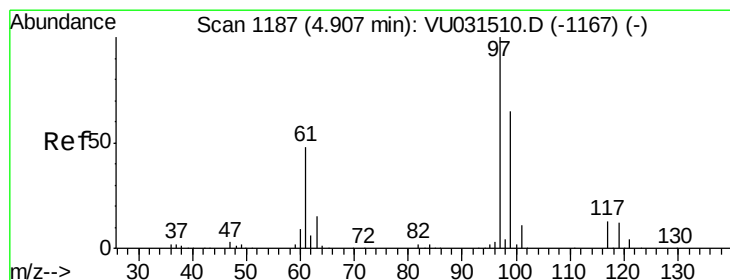
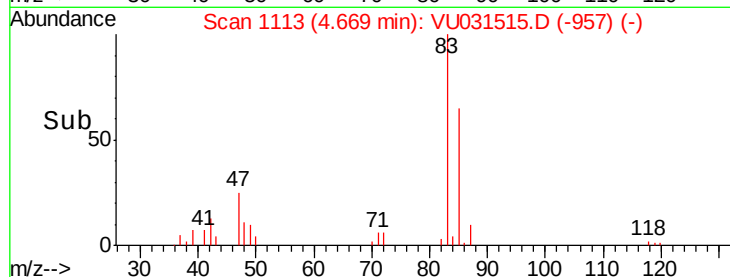
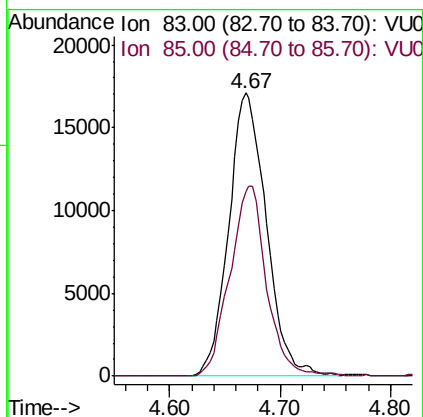
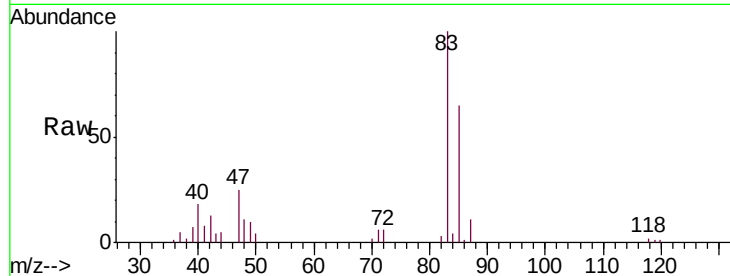




#27
Chloroform
Concen: 0.999 ug/l
RT: 4.67 min Scan# 1113
Delta R.T. 0.00 min
Lab File: VU031515.D
Acq: 26 Apr 2019 00:44

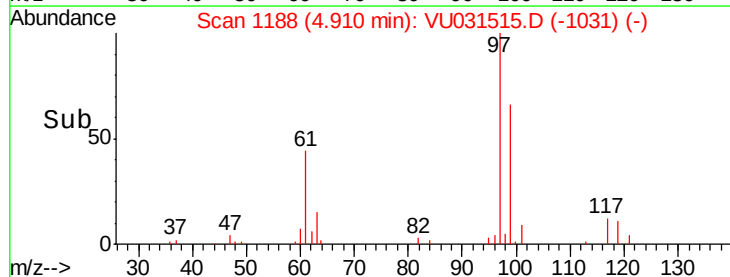
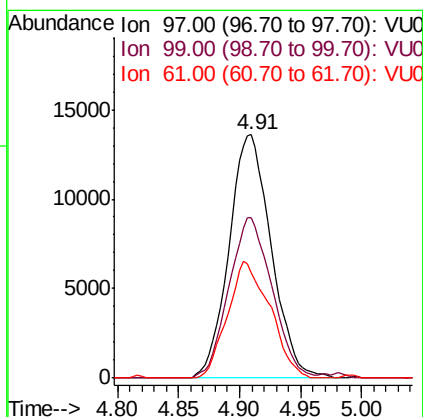
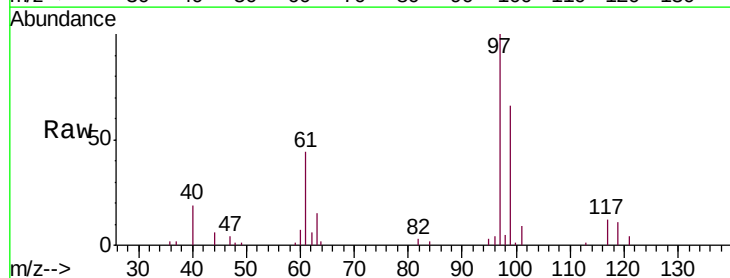
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2019

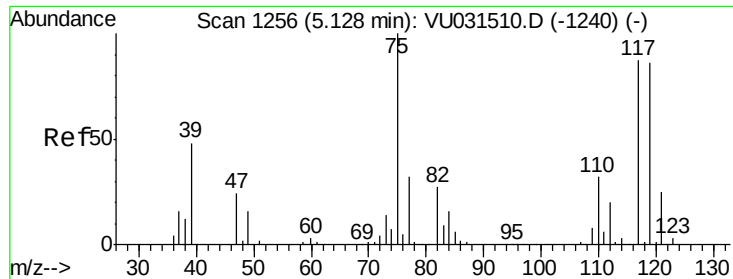
Tgt Ion: 83 Resp: 40362
Ion Ratio Lower Upper
83 100
85 65.1 0.0 126.2



#28
1,1,1-Trichloroethane
Concen: 0.960 ug/l
RT: 4.91 min Scan# 1188
Delta R.T. 0.00 min
Lab File: VU031515.D
Acq: 26 Apr 2019 00:44

Tgt Ion: 97 Resp: 32659
Ion Ratio Lower Upper
97 100
99 67.4 32.0 96.2
61 48.2 24.0 72.0

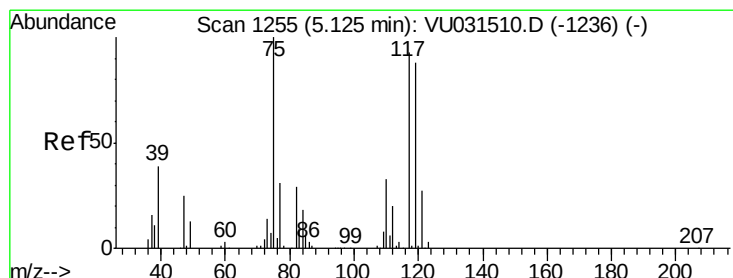
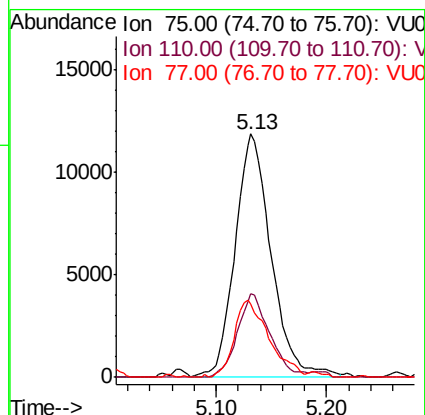
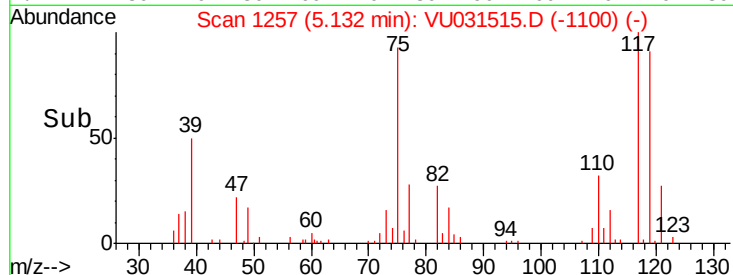
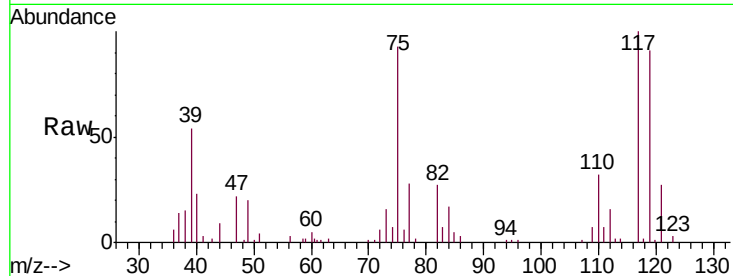




#29
 1,1-Dichloropropene
 Concen: 0.976 ug/l
 RT: 5.13 min Scan# 1257
 Delta R.T. 0.00 min
 Lab File: VU031515.D
 Acq: 26 Apr 2019 00:44

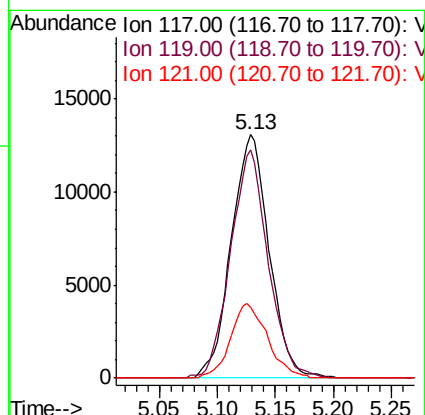
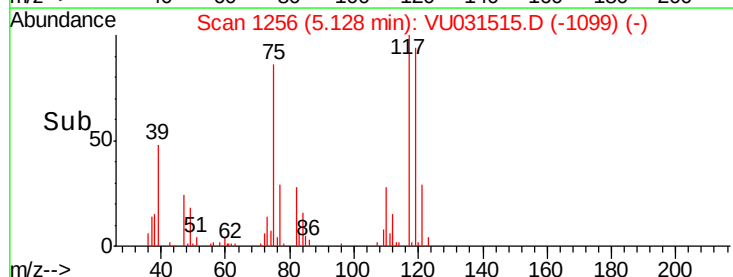
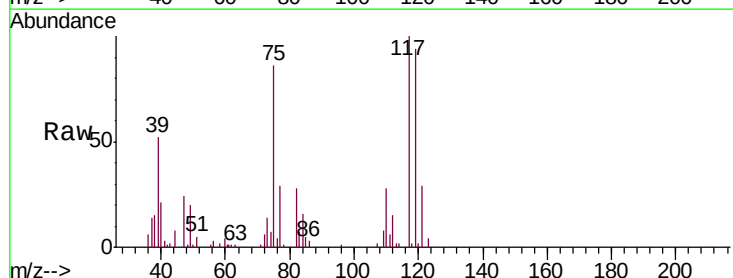
Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT2-2019

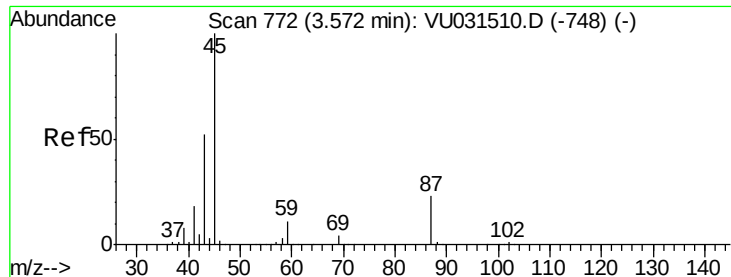
Tgt Ion: 75 Resp: 26912
 Ion Ratio Lower Upper
 75 100
 110 31.0 16.4 49.1
 77 30.4 25.0 37.6



#30
 Carbon Tetrachloride
 Concen: 1.025 ug/l
 RT: 5.13 min Scan# 1256
 Delta R.T. 0.00 min
 Lab File: VU031515.D
 Acq: 26 Apr 2019 00:44

Tgt Ion: 117 Resp: 29726
 Ion Ratio Lower Upper
 117 100
 119 93.7 76.1 114.1
 121 29.2 23.3 34.9





#31

Isopropyl Ether

Concen: 0.941 ug/l

RT: 3.57 min Scan# 772

Delta R.T. 0.00 min

Lab File: VU031515.D

Acq: 26 Apr 2019 00:44

Instrument :

MSVOA_U

ClientSampleId :

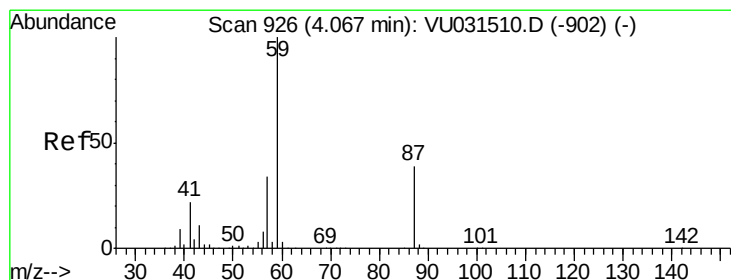
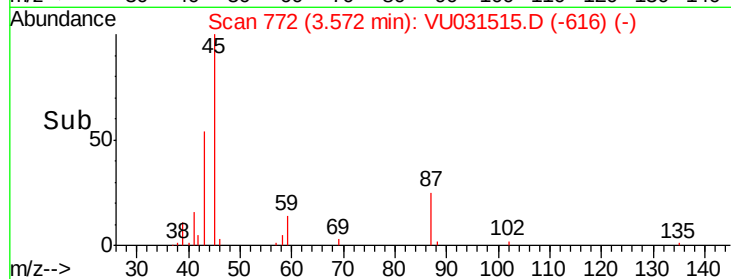
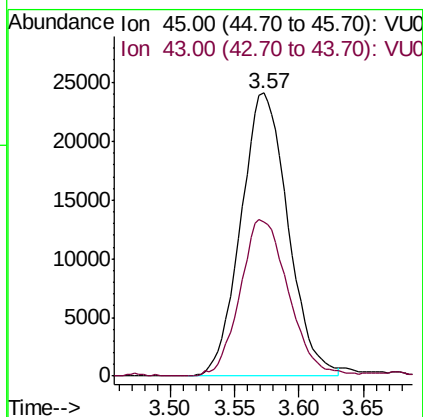
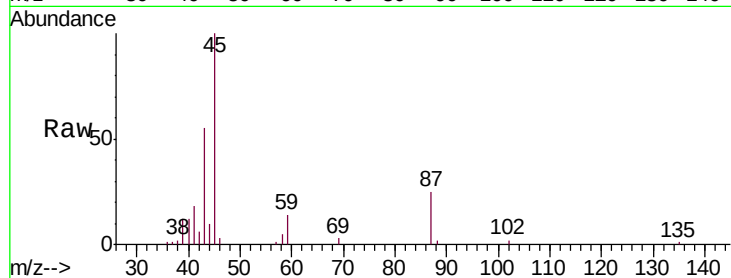
LOQ-WATER-02-QT2-2019

Tgt Ion: 45 Resp: 61455

Ion Ratio Lower Upper

45 100

43 56.9 26.0 78.0



#32

Ethyl-t-butyl ether

Concen: 0.940 ug/l

RT: 4.07 min Scan# 927

Delta R.T. 0.00 min

Lab File: VU031515.D

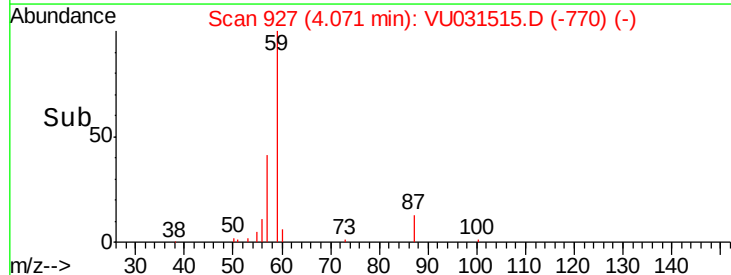
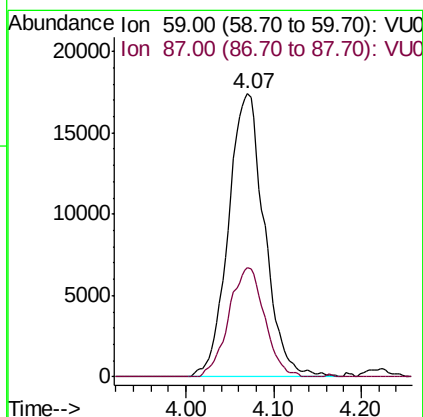
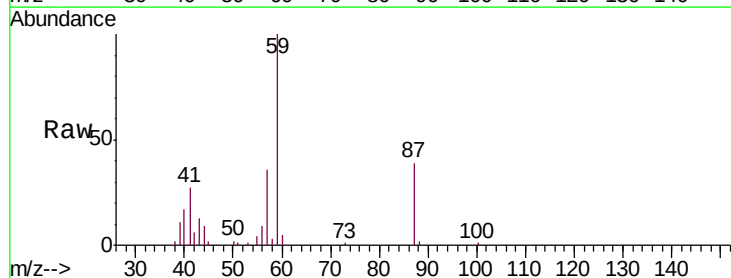
Acq: 26 Apr 2019 00:44

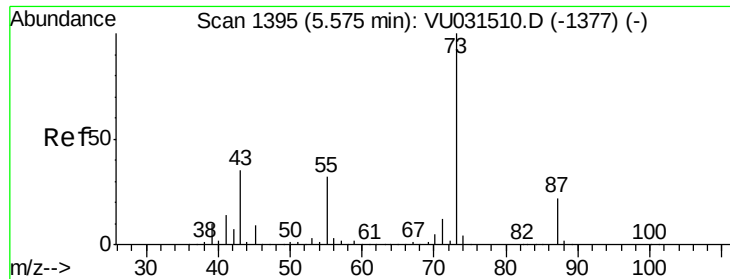
Tgt Ion: 59 Resp: 49824

Ion Ratio Lower Upper

59 100

87 38.4 29.9 44.9

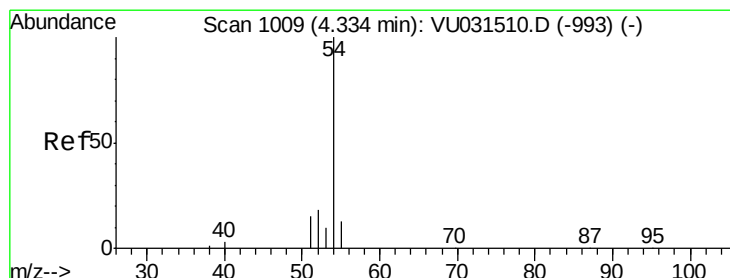
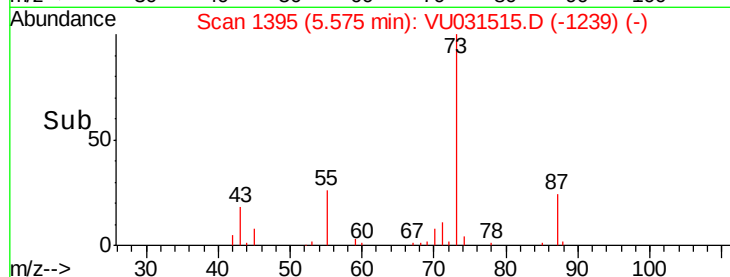
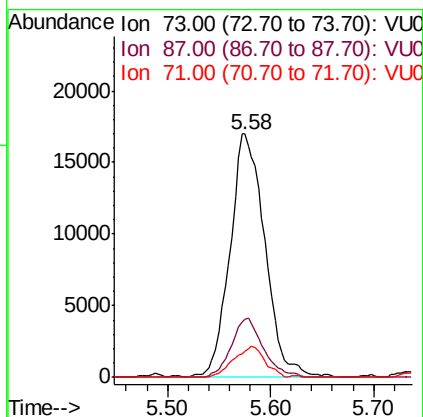
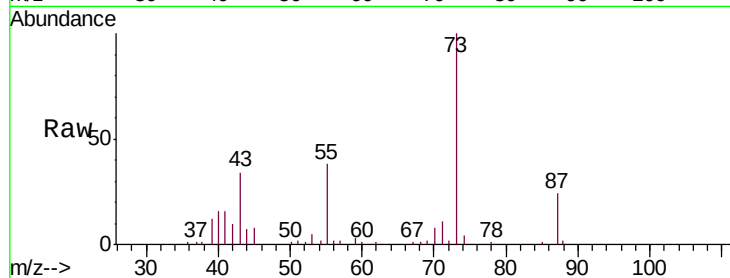




#33
Tert-Amyl methyl ether
Concen: 0.951 ug/l
RT: 5.58 min Scan# 1395
Delta R.T. 0.00 min
Lab File: VU031515.D
Acq: 26 Apr 2019 00:44

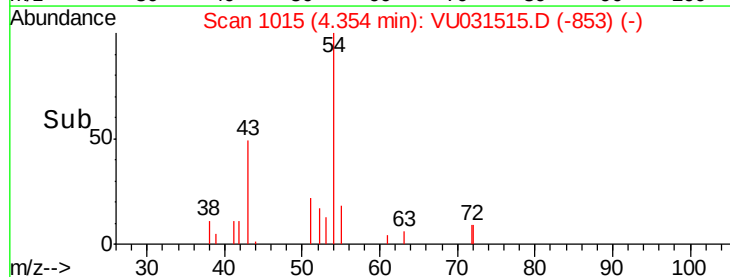
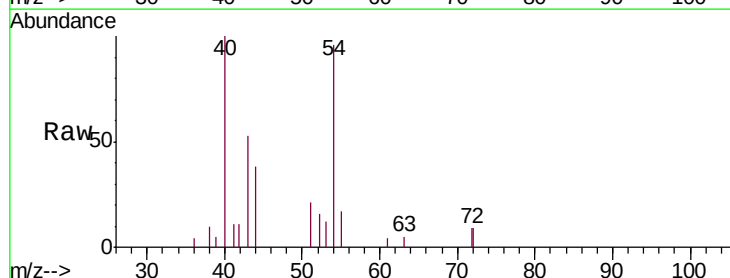
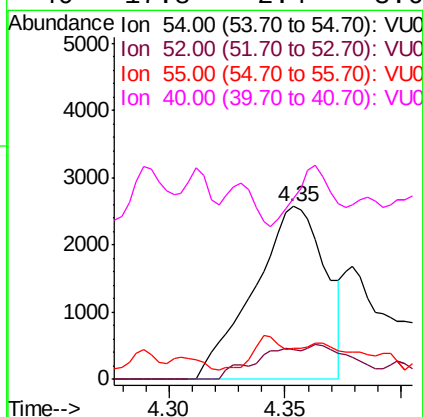
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2019

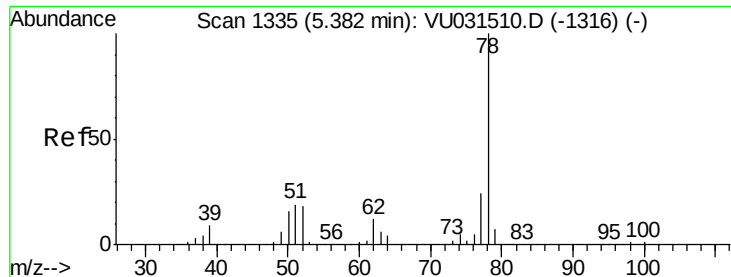
Tgt Ion: 73 Resp: 40097
Ion Ratio Lower Upper
73 100
87 22.0 18.2 27.2
71 11.3 9.0 13.6



#34
Propionitrile
Concen: 3.044 ug/l
RT: 4.35 min Scan# 1015
Delta R.T. 0.02 min
Lab File: VU031515.D
Acq: 26 Apr 2019 00:44

Tgt Ion: 54 Resp: 5503
Ion Ratio Lower Upper
54 100
52 12.2 15.0 22.4#
55 8.1 13.5 20.3#
40 17.8 2.4 3.6#





#35

Benzene

Concen: 0.954 ug/l

RT: 5.39 min Scan# 1336

Delta R.T. 0.00 min

Lab File: VU031515.D

Acq: 26 Apr 2019 00:44

Instrument :

MSVOA_U

ClientSampleId :

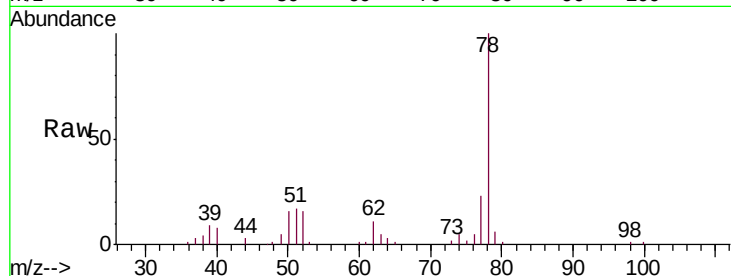
LOQ-WATER-02-QT2-2019

Tgt Ion: 78 Resp: 80433

Ion Ratio Lower Upper

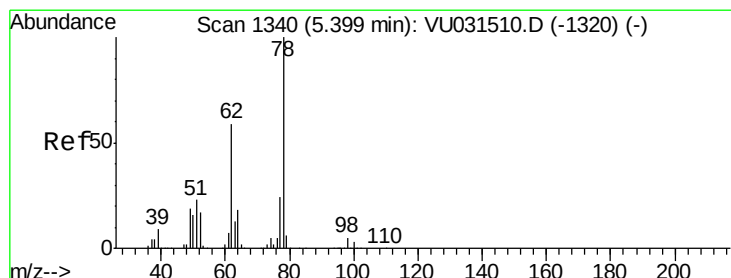
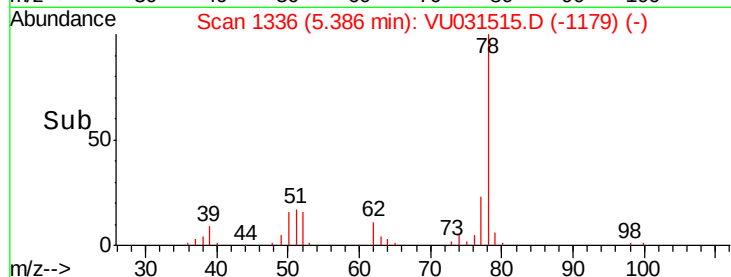
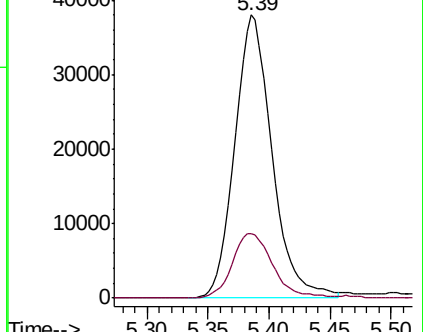
78 100

77 23.0 19.2 28.8



Abundance Ion 78.10 (77.80 to 78.80): VU031515.D (-1316) (-)

Ion 77.00 (76.70 to 77.70): VU031515.D (-1316) (-)



#36

1,2-Dichloroethane

Concen: 0.986 ug/l

RT: 5.41 min Scan# 1343

Delta R.T. 0.01 min

Lab File: VU031515.D

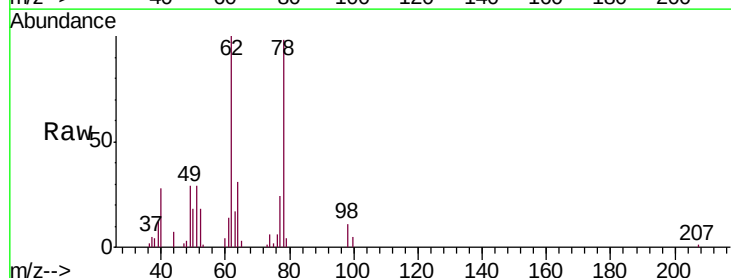
Acq: 26 Apr 2019 00:44

Tgt Ion: 62 Resp: 27096

Ion Ratio Lower Upper

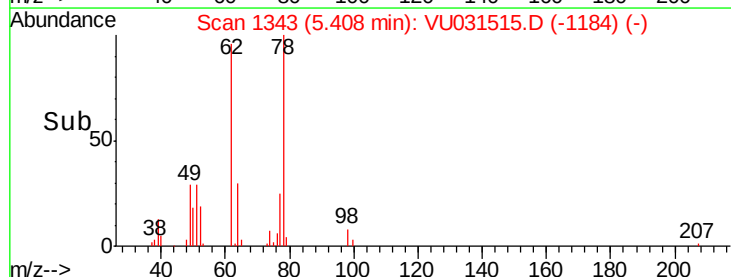
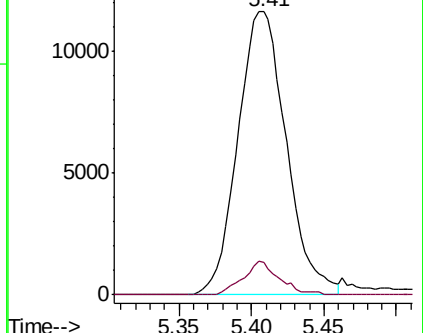
62 100

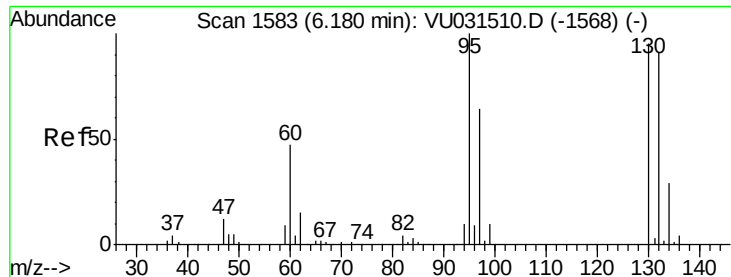
98 8.8 6.7 10.1



Abundance Ion 62.00 (61.70 to 62.70): VU031515.D (-1184) (-)

Ion 98.00 (97.70 to 98.70): VU031515.D (-1184) (-)

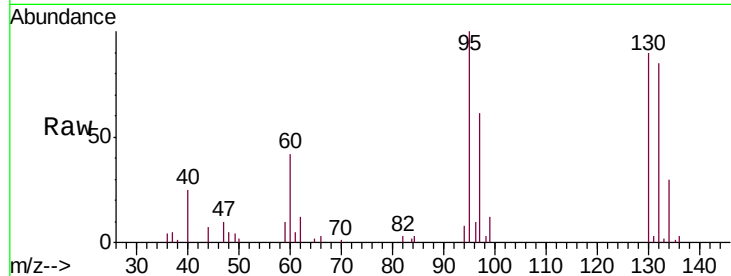




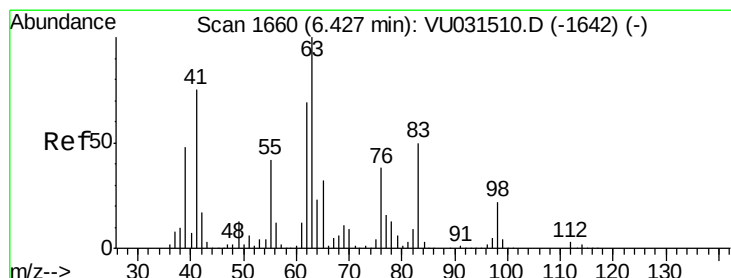
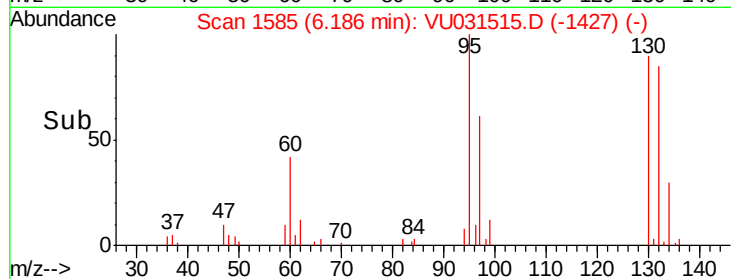
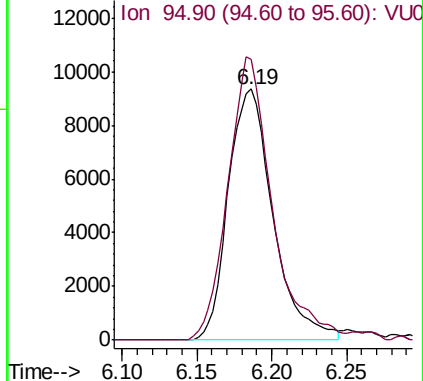
#37
 Trichloroethene
 Concen: 0.947 ug/l
 RT: 6.19 min Scan# 1585
 Delta R.T. 0.01 min
 Lab File: VU031515.D
 Acq: 26 Apr 2019 00:44

Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT2-2019

Tgt Ion: 130 Resp: 19533
 Ion Ratio Lower Upper
 130 100
 95 111.6 83.8 125.8

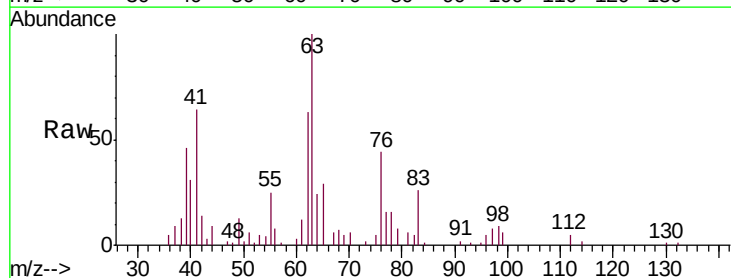


Abundance Ion 129.90 (129.60 to 130.60): VU031515.D (-1568) (-)
 Ion 94.90 (94.60 to 95.60): VU031515.D (-1568) (-)

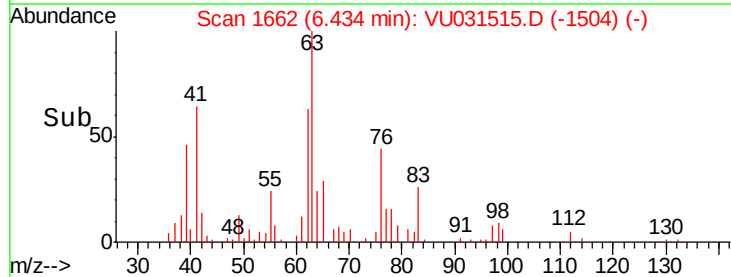
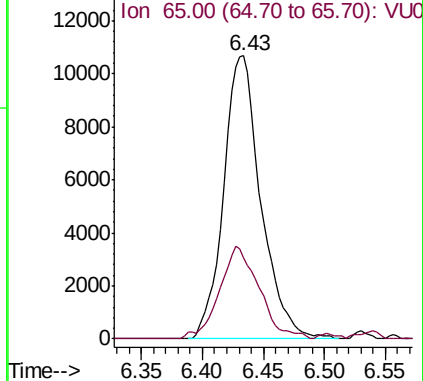


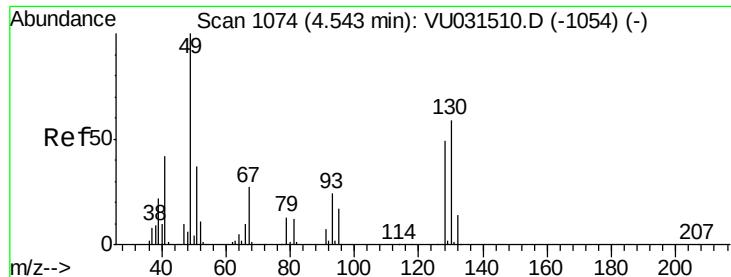
#38
 1,2-Dichloropropane
 Concen: 0.955 ug/l
 RT: 6.43 min Scan# 1662
 Delta R.T. 0.01 min
 Lab File: VU031515.D
 Acq: 26 Apr 2019 00:44

Tgt Ion: 63 Resp: 22748
 Ion Ratio Lower Upper
 63 100
 65 27.4 25.3 37.9



Abundance Ion 63.00 (62.70 to 63.70): VU031515.D (-1504) (-)
 Ion 65.00 (64.70 to 65.70): VU031515.D (-1504) (-)

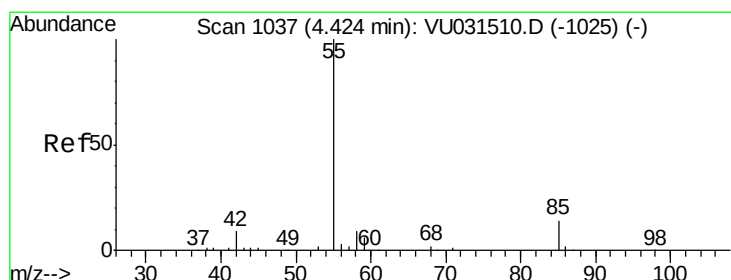
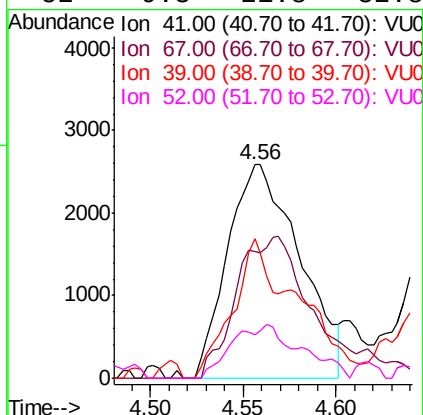
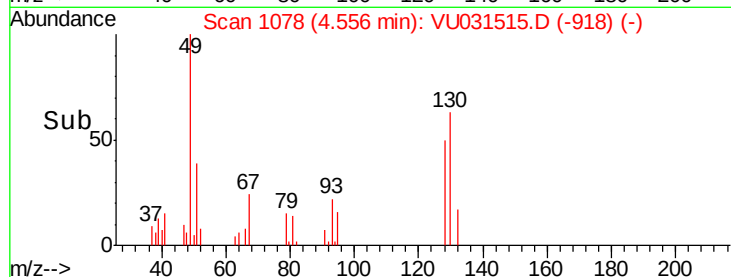
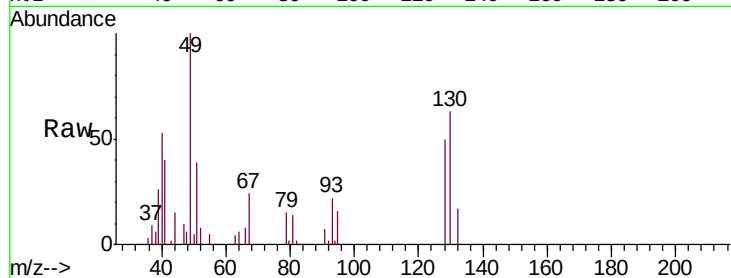




#39
Methacrylonitrile
Concen: 0.922 ug/l
RT: 4.56 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VU031515.D
Acq: 26 Apr 2019 00:44

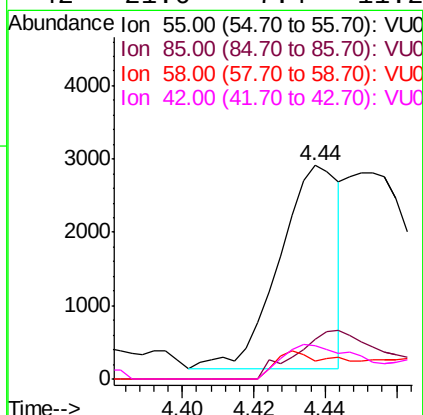
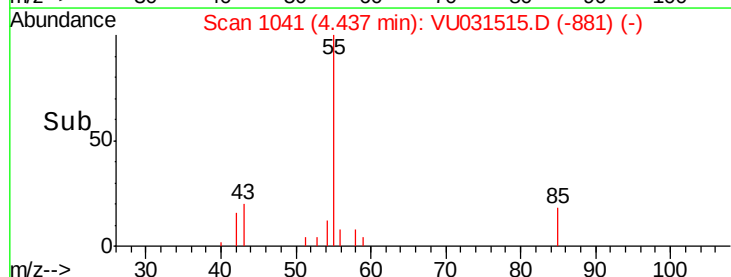
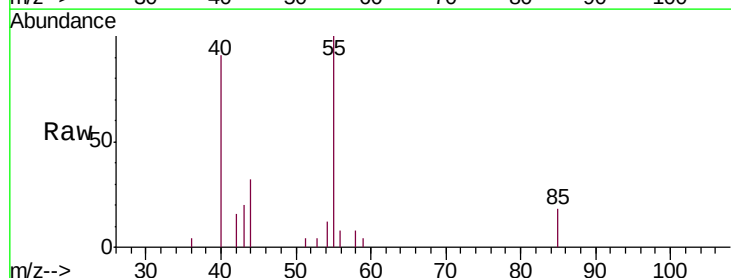
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2019

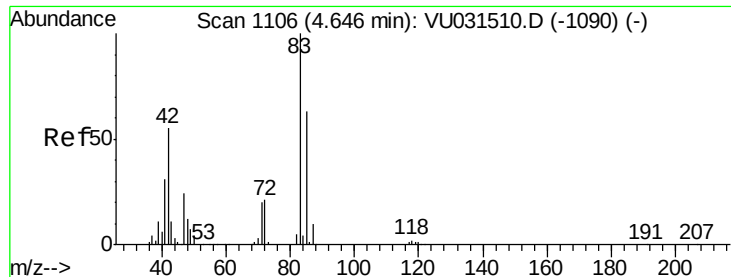
Tgt Ion: 41 Resp: 6994
Ion Ratio Lower Upper
41 100
67 67.2 54.2 81.4
39 35.4 43.8 65.8#
52 9.3 21.8 32.8#



#40
Methyl acrylate
Concen: 0.615 ug/l
RT: 4.44 min Scan# 1041
Delta R.T. 0.01 min
Lab File: VU031515.D
Acq: 26 Apr 2019 00:44

Tgt Ion: 55 Resp: 3221
Ion Ratio Lower Upper
55 100
85 33.3 11.5 17.3#
58 8.5 6.5 9.7
42 21.6 7.4 11.2#





#41

Tetrahydrofuran

Concen: 1.864 ug/l

RT: 4.66 min Scan# 1110

Delta R.T. 0.01 min

Lab File: VU031515.D

Acq: 26 Apr 2019 00:44

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT2-2019

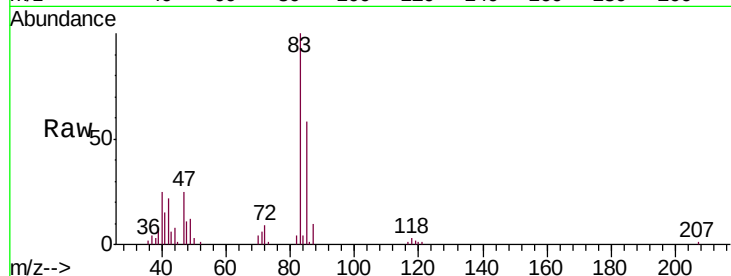
Tgt Ion: 42 Resp: 7749

Ion Ratio Lower Upper

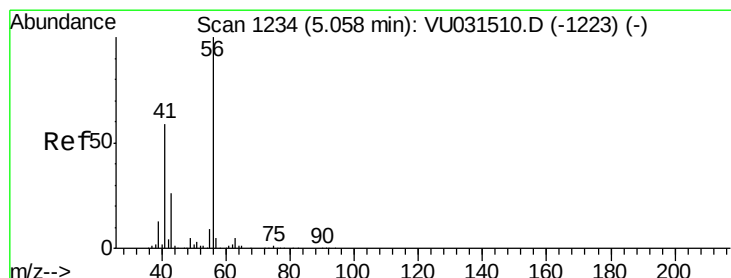
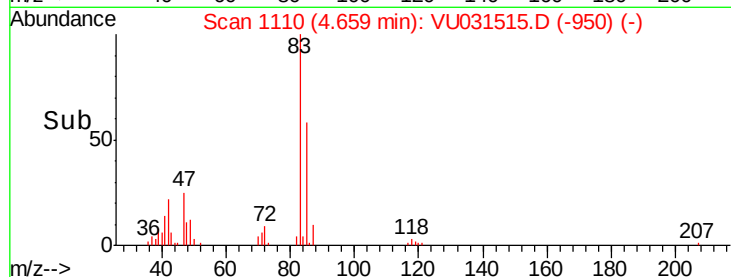
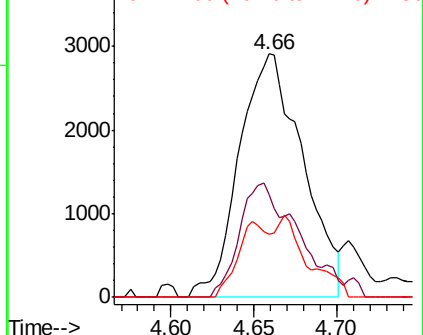
42 100

72 43.5 32.1 48.1

71 14.7 29.2 43.8#



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: 0.920 ug/l

RT: 5.06 min Scan# 1236

Delta R.T. 0.01 min

Lab File: VU031515.D

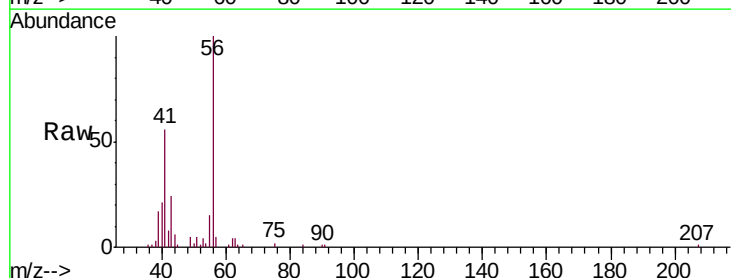
Acq: 26 Apr 2019 00:44

Tgt Ion: 56 Resp: 38492

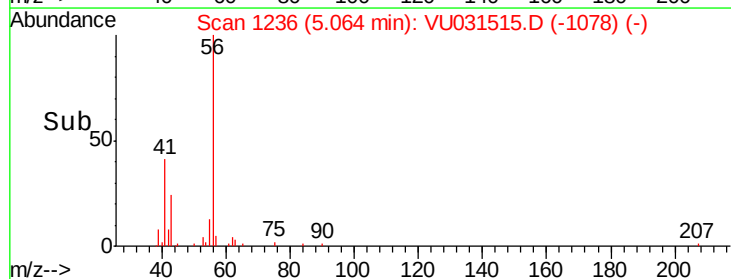
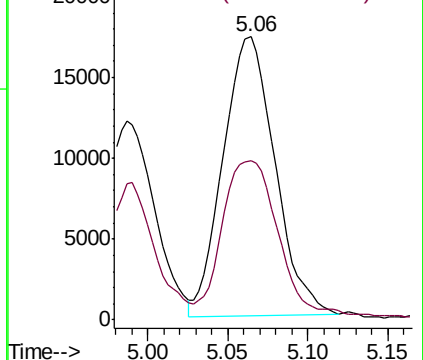
Ion Ratio Lower Upper

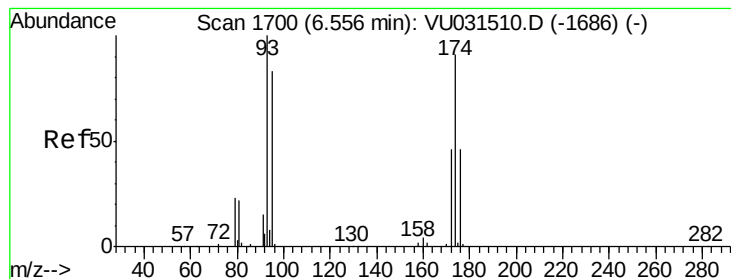
56 100

41 62.1 29.3 88.0



Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 41.00 (40.70 to 41.70): VU0





#43

Dibromomethane

Concen: 1.009 ug/l

RT: 6.56 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VU031515.D

Acq: 26 Apr 2019 00:44

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT2-2019

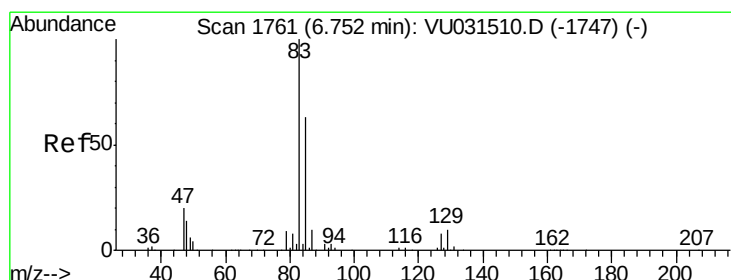
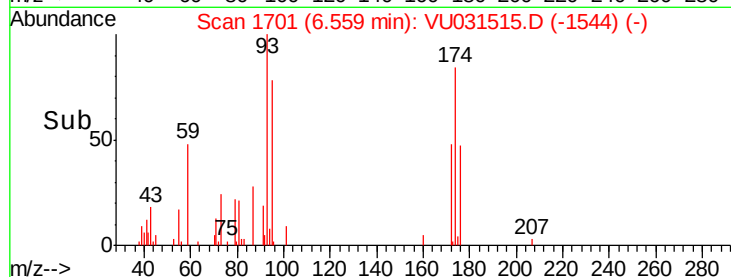
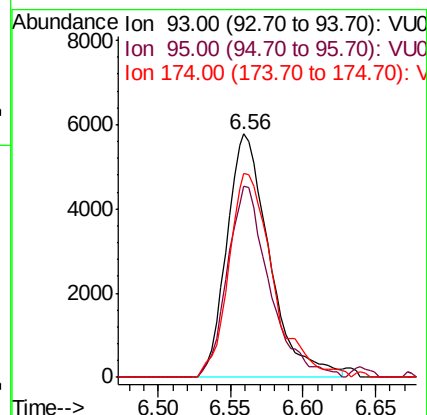
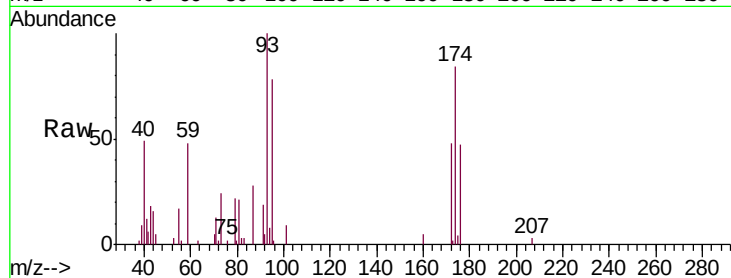
Tgt Ion: 93 Resp: 11813

Ion Ratio Lower Upper

93 100

95 77.6 65.7 98.5

174 86.7 71.8 107.8



#44

Bromodichloromethane

Concen: 0.969 ug/l

RT: 6.76 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VU031515.D

Acq: 26 Apr 2019 00:44

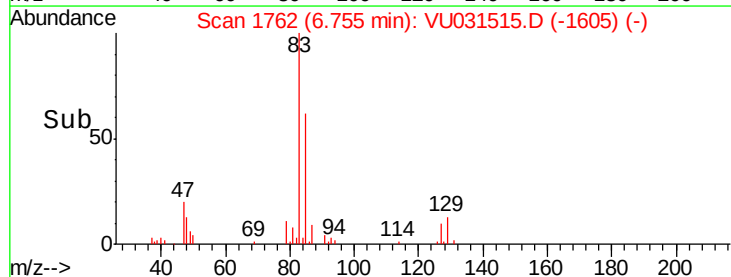
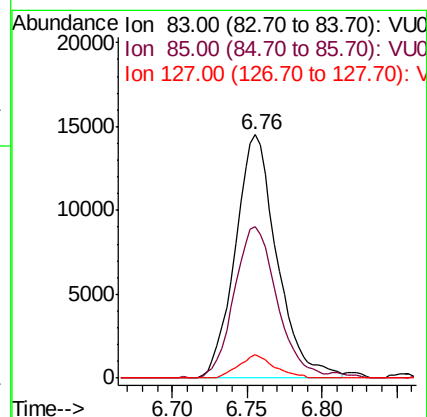
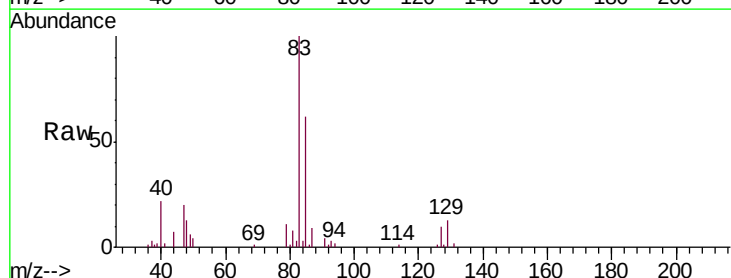
Tgt Ion: 83 Resp: 28188

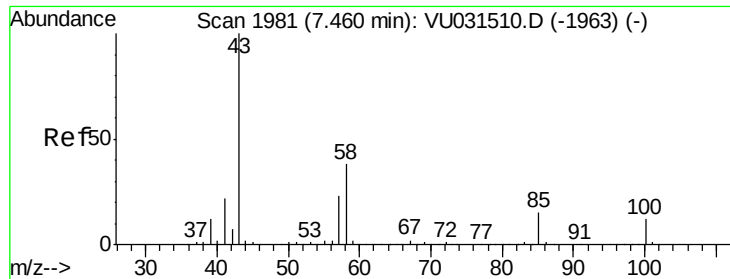
Ion Ratio Lower Upper

83 100

85 62.0 50.3 75.5

127 9.6 6.6 9.8

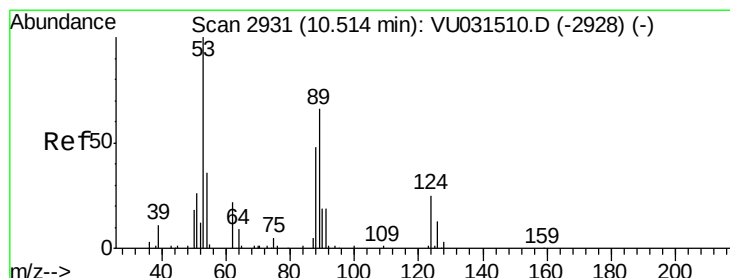
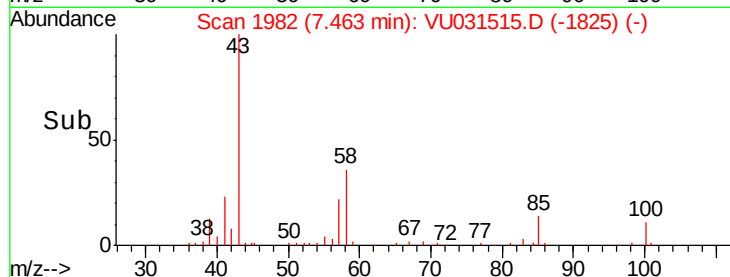
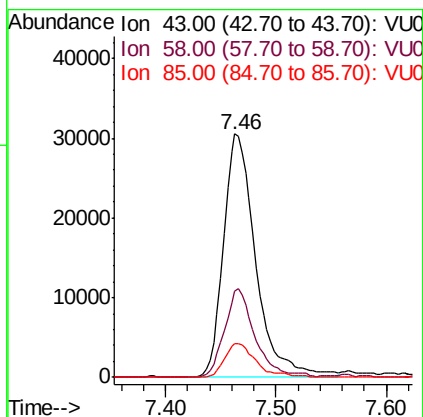
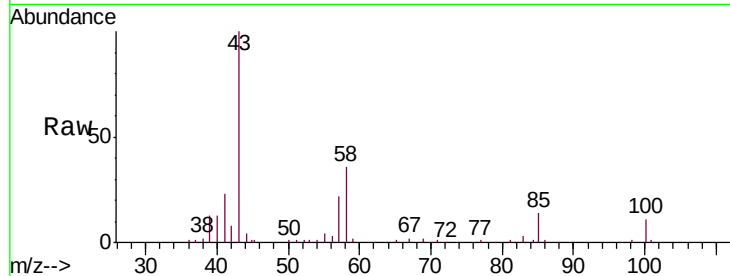




#45
4-Methyl-2-Pentanone
Concen: 4.437 ug/l
RT: 7.46 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VU031515.D
Acq: 26 Apr 2019 00:44

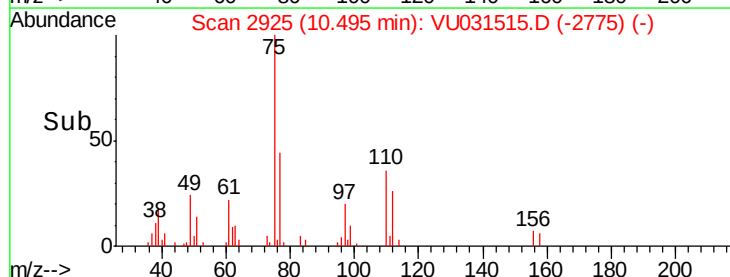
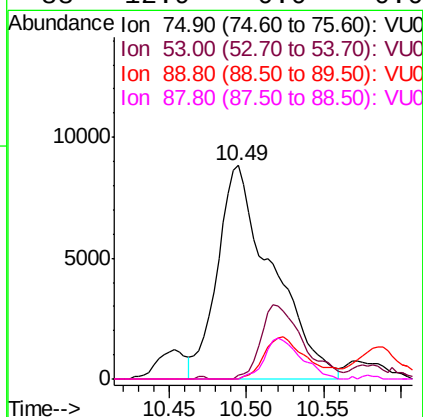
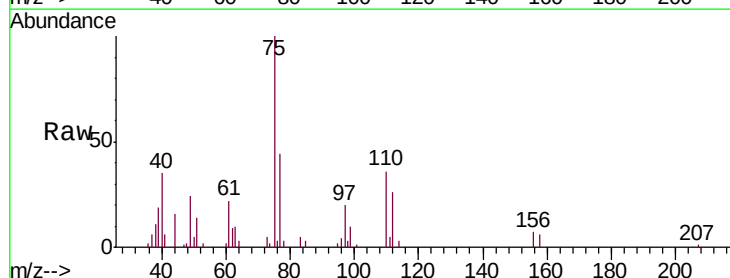
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2019

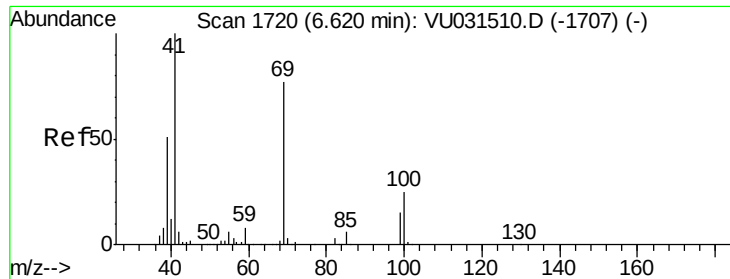
Tgt Ion: 43 Resp: 62163
Ion Ratio Lower Upper
43 100
58 33.6 18.7 56.1
85 13.2 12.1 18.1



#46
t-1,4-Dichloro-2-butene
Concen: 5.060 ug/l
RT: 10.49 min Scan# 2925
Delta R.T. -0.02 min
Lab File: VU031515.D
Acq: 26 Apr 2019 00:44

Tgt Ion: 75 Resp: 21754
Ion Ratio Lower Upper
75 100
53 26.6 63.8 95.8#
89 16.0 38.6 57.8#
88 12.9 0.0 0.0#

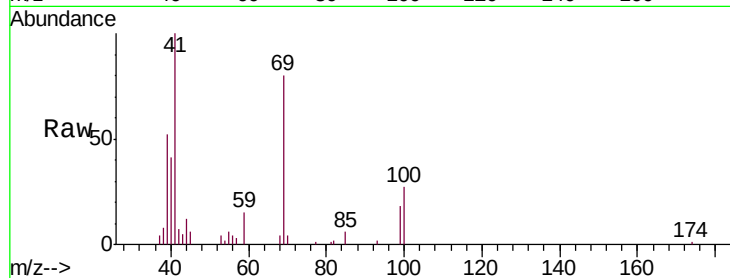




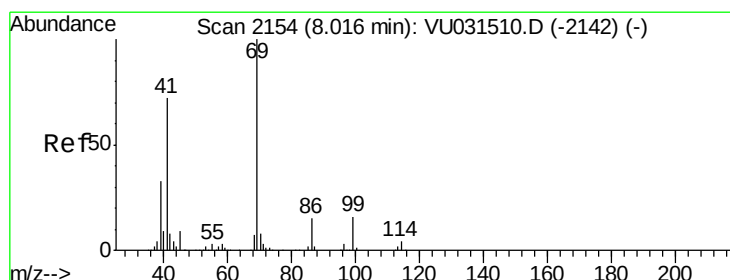
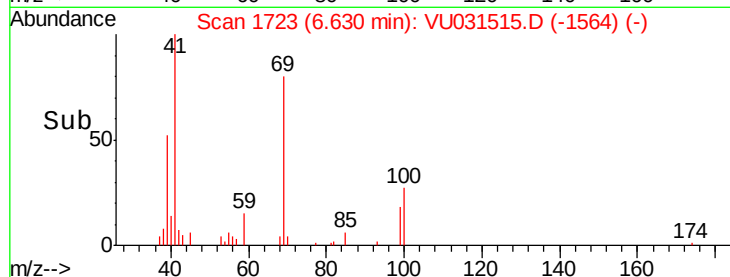
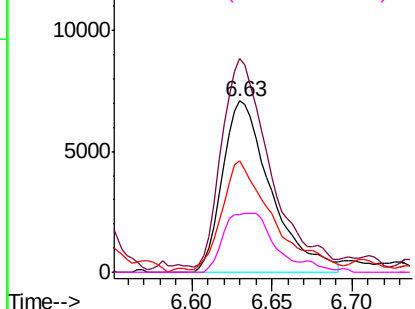
#47
Methyl methacrylate
Concen: 1.628 ug/l
RT: 6.63 min Scan# 1723
Delta R.T. 0.01 min
Lab File: VU031515.D
Acq: 26 Apr 2019 00:44

Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2019

Tgt Ion: 69 Resp: 14726
Ion Ratio Lower Upper
69 100
41 119.5 0.0 256.4
39 66.0 52.2 78.4
100 34.9 25.9 38.9

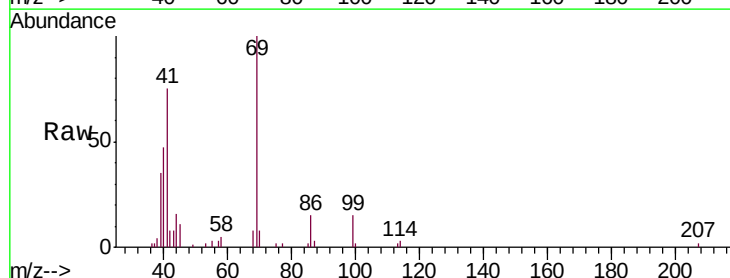


Abundance Ion 69.00 (68.70 to 69.70): VU0
Ion 41.00 (40.70 to 41.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 100.00 (99.70 to 100.70): VU0

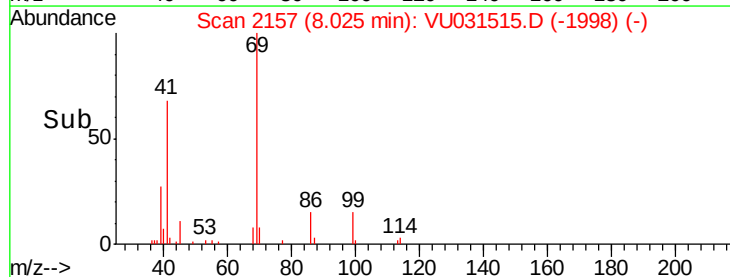
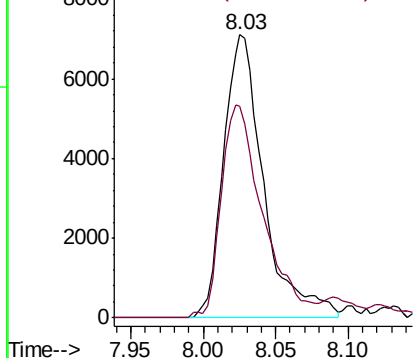


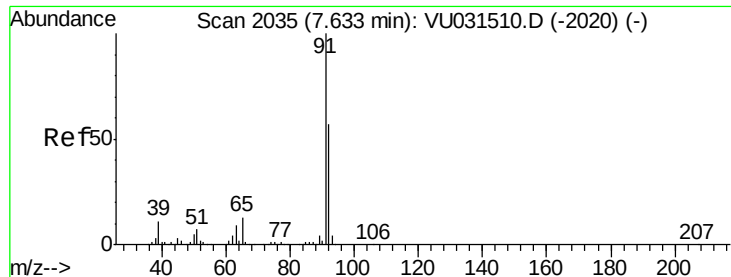
#48
Ethyl methacrylate
Concen: 0.871 ug/l
RT: 8.03 min Scan# 2157
Delta R.T. 0.01 min
Lab File: VU031515.D
Acq: 26 Apr 2019 00:44

Tgt Ion: 69 Resp: 13705
Ion Ratio Lower Upper
69 100
41 77.6 35.5 106.5



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





#49

Toluene

Concen: 0.831 ug/l

RT: 7.64 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VU031515.D

Acq: 26 Apr 2019 00:44

Instrument :

MSVOA_U

ClientSampleId :

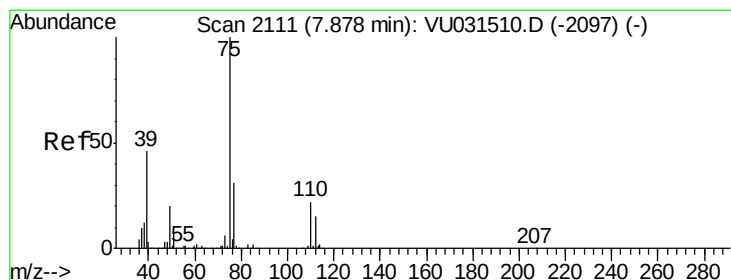
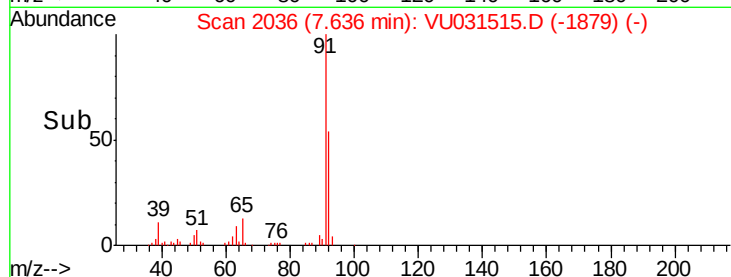
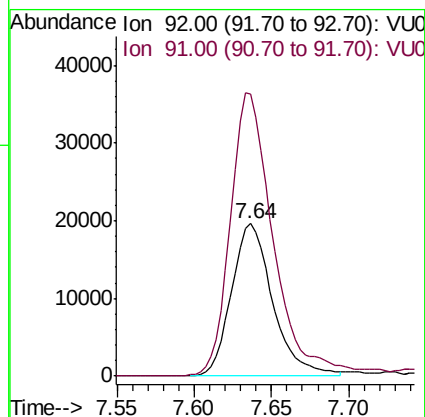
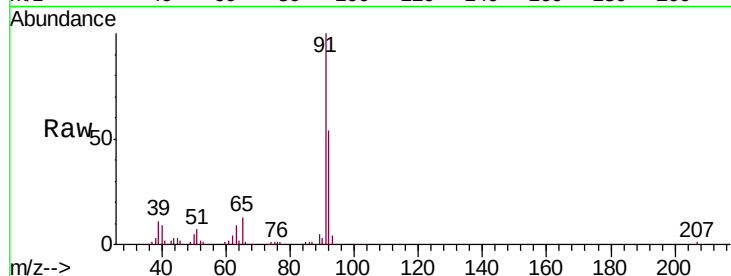
LOQ-WATER-02-QT2-2019

Tgt Ion: 92 Resp: 36415

Ion Ratio Lower Upper

92 100

91 192.9 142.0 213.0



#50

t-1,3-Dichloropropene

Concen: 0.901 ug/l

RT: 7.88 min Scan# 2113

Delta R.T. 0.01 min

Lab File: VU031515.D

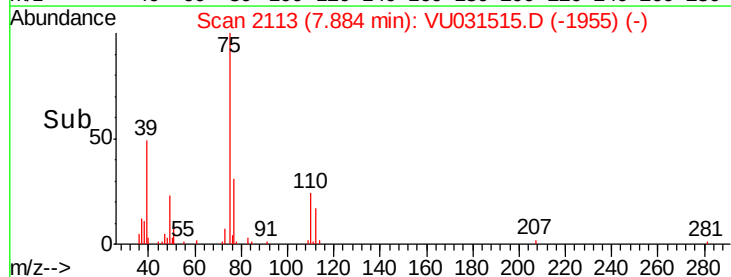
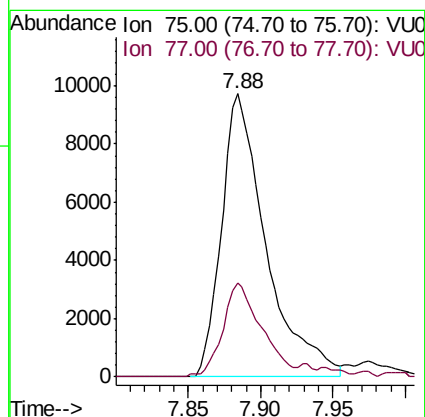
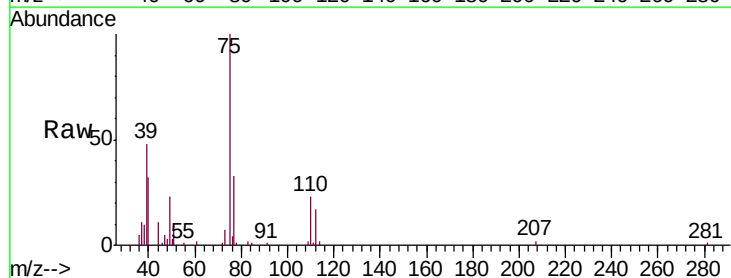
Acq: 26 Apr 2019 00:44

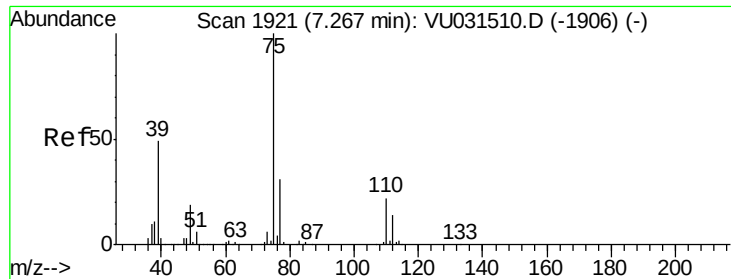
Tgt Ion: 75 Resp: 20650

Ion Ratio Lower Upper

75 100

77 32.0 25.0 37.4



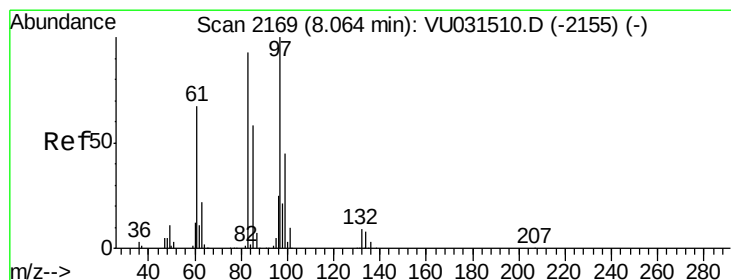
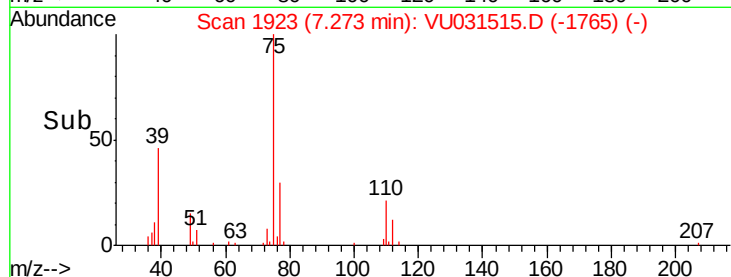
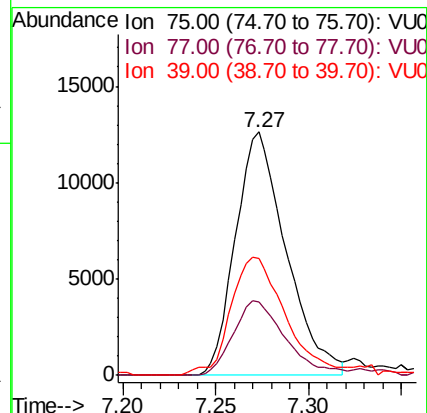
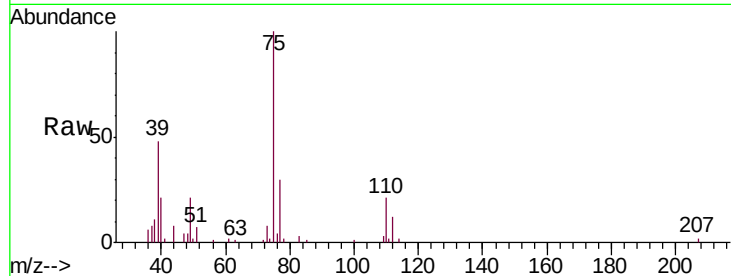


#51

cis-1,3-Dichloropropene
 Concen: 0.858 ug/l
 RT: 7.27 min Scan# 1923
 Delta R.T. 0.01 min
 Lab File: VU031515.D
 Acq: 26 Apr 2019 00:44

Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT2-2019

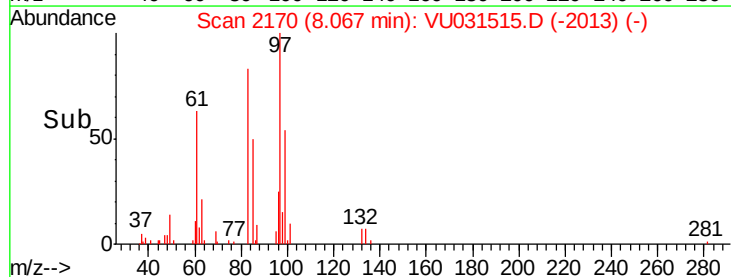
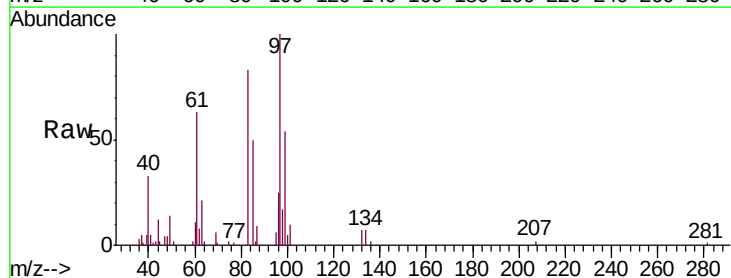
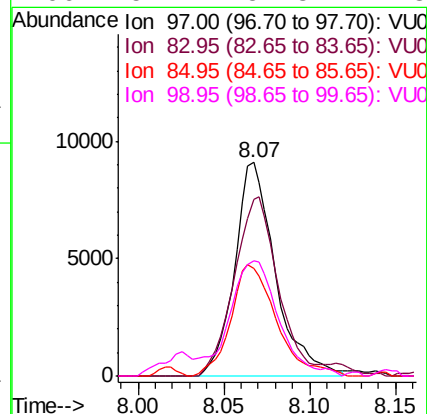
Tgt Ion: 75 Resp: 23935
 Ion Ratio Lower Upper
 75 100
 77 30.3 25.0 37.4
 39 45.6 39.0 58.6

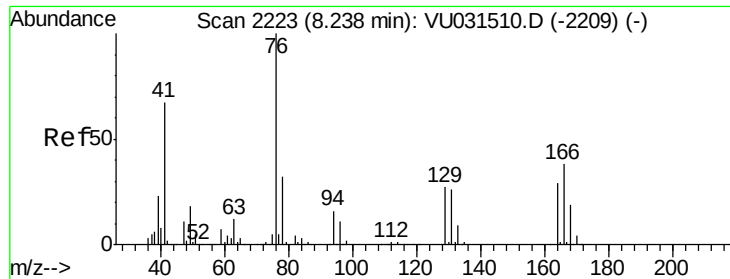


#52

1,1,2-Trichloroethane
 Concen: 0.987 ug/l
 RT: 8.07 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VU031515.D
 Acq: 26 Apr 2019 00:44

Tgt Ion: 97 Resp: 15071
 Ion Ratio Lower Upper
 97 100
 83 82.6 74.8 112.2
 85 50.2 48.3 72.5
 99 54.2 51.8 77.8





#53

1,3-Dichloropropane

Concen: 0.965 ug/l

RT: 8.24 min Scan# 2225

Delta R.T. 0.01 min

Lab File: VU031515.D

Acq: 26 Apr 2019 00:44

Instrument :

MSVOA_U

ClientSampleId :

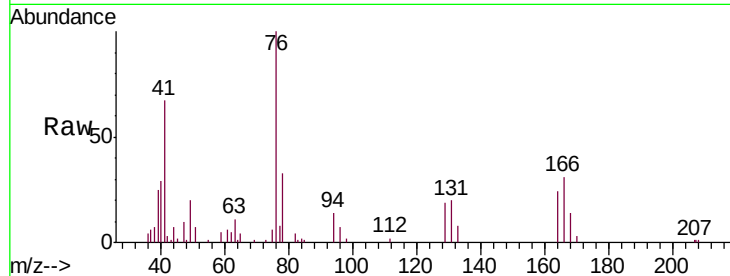
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Tgt Ion: 76 Resp: 25860

Ion Ratio Lower Upper

76 100

78 31.2 25.7 38.5



Abundance Ion 76.00 (75.70 to 76.70): VU031515.D (-2225) (-)

Ion 78.00 (77.70 to 78.70): VU031515.D (-2225) (-)

8.24

15000

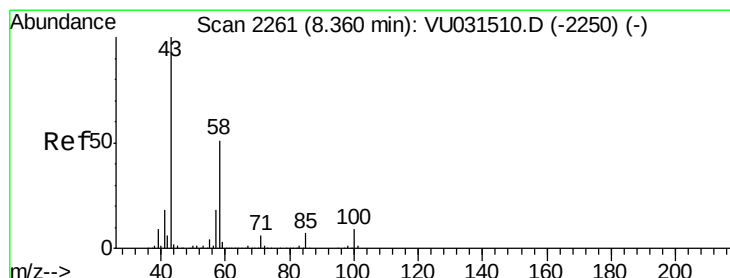
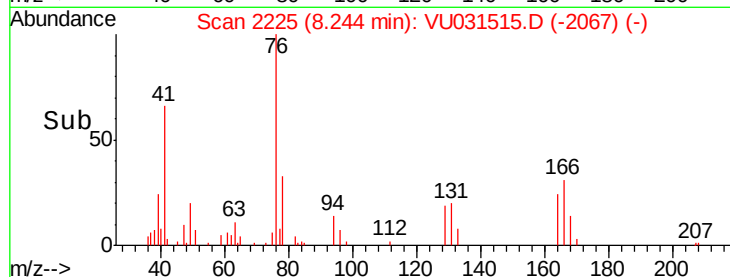
10000

5000

0

Time-->

8.15 8.20 8.25 8.30 8.35



#54

2-Hexanone

Concen: 4.192 ug/l

RT: 8.37 min Scan# 2264

Delta R.T. 0.01 min

Lab File: VU031515.D

Acq: 26 Apr 2019 00:44

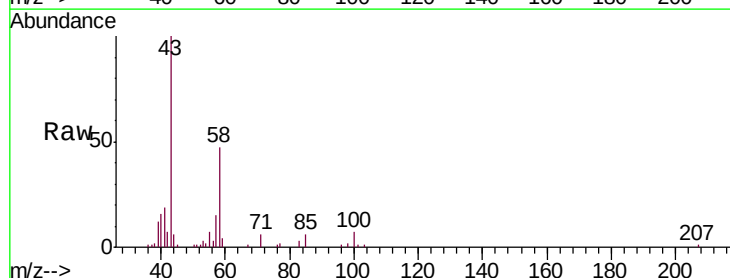
Tgt Ion: 43 Resp: 39597

Ion Ratio Lower Upper

43 100

58 43.2 30.3 70.3

57 14.6 0.0 37.8



Abundance Ion 43.00 (42.70 to 43.70): VU031515.D (-2264) (-)

Ion 58.00 (57.70 to 58.70): VU031515.D (-2264) (-)

Ion 57.00 (56.70 to 57.70): VU031515.D (-2264) (-)

8.37

25000

20000

15000

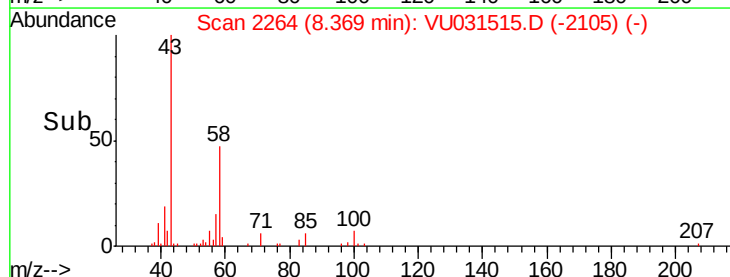
10000

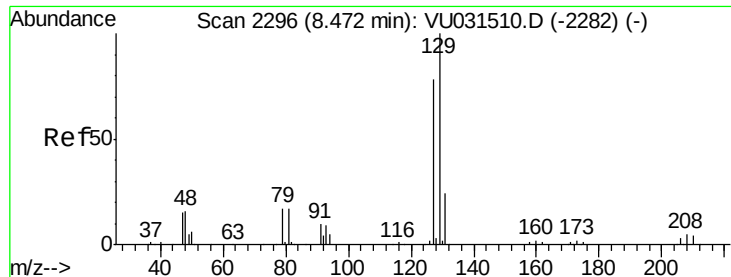
5000

0

Time-->

8.30 8.35 8.40 8.45





#55

Dibromochloromethane

Concen: 0.985 ug/l

RT: 8.48 min Scan# 2297

Delta R.T. 0.00 min

Lab File: VU031515.D

Acq: 26 Apr 2019 00:44

Instrument :

MSVOA_U

ClientSampleId :

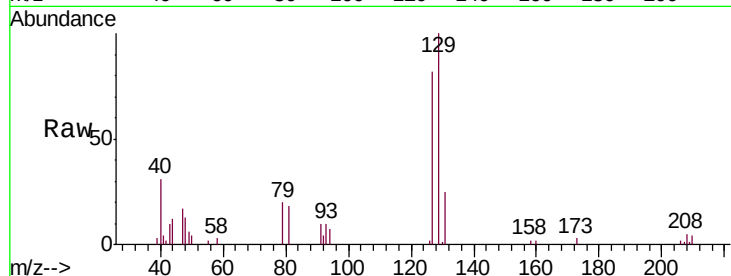
LOQ-WATER-02-QT2-2019

Tgt Ion:129 Resp: 16964

Ion Ratio Lower Upper

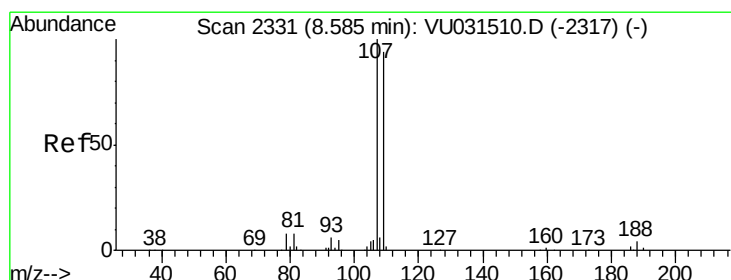
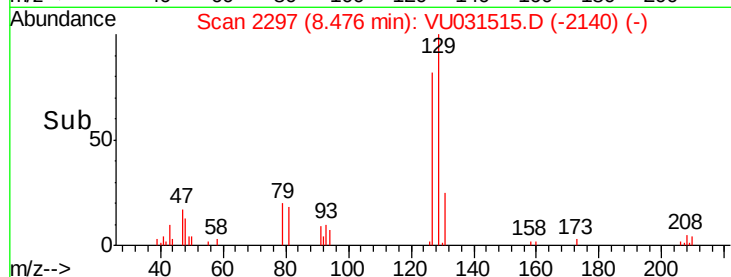
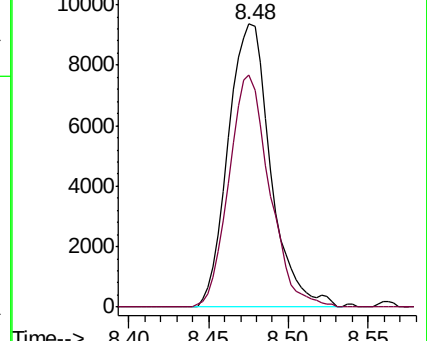
129 100

127 78.0 62.6 94.0



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#56

1,2-Dibromoethane

Concen: 0.958 ug/l

RT: 8.59 min Scan# 2332

Delta R.T. 0.00 min

Lab File: VU031515.D

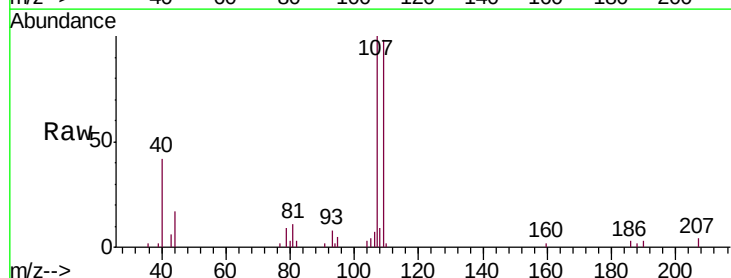
Acq: 26 Apr 2019 00:44

Tgt Ion:107 Resp: 13092

Ion Ratio Lower Upper

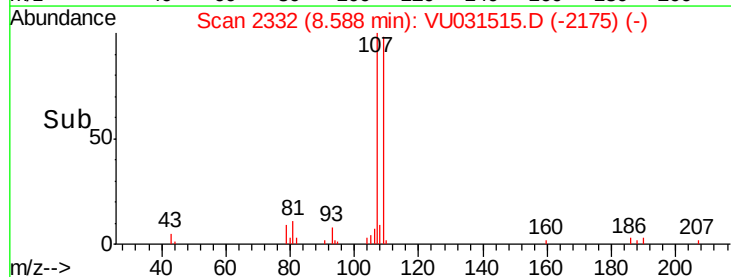
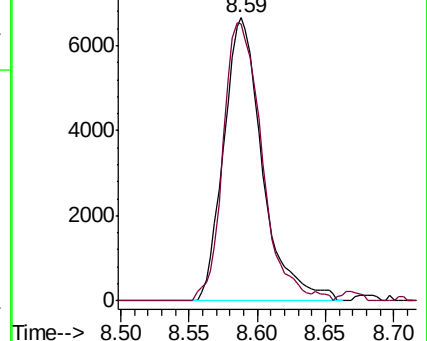
107 100

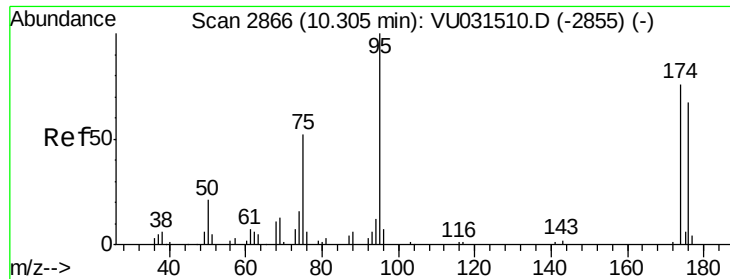
109 97.7 0.0 186.0



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

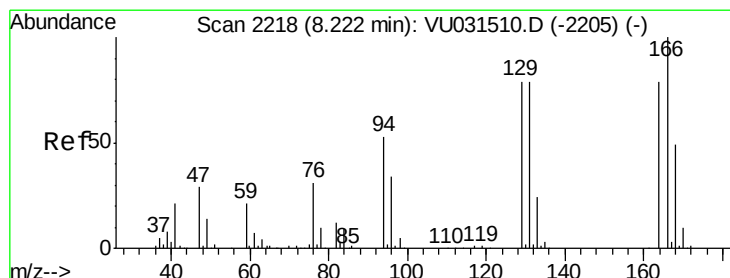
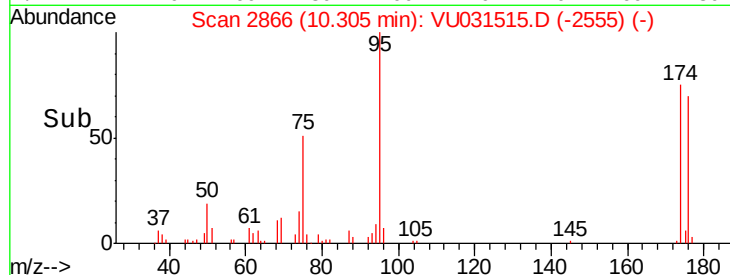
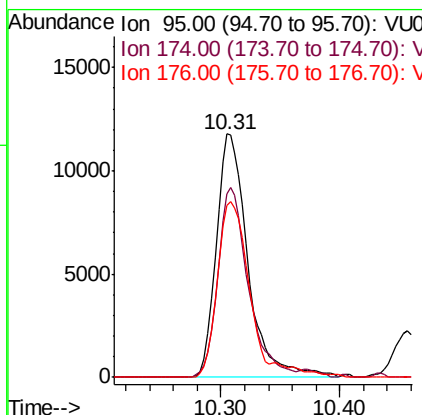
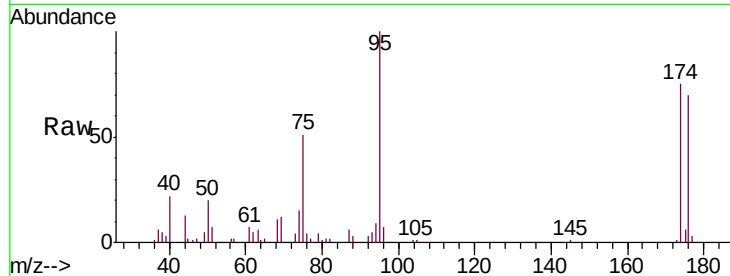




#57
 4-Bromofluorobenzene
 Concen: 0.958 ug/l
 RT: 10.31 min Scan# 2866
 Delta R.T. 0.00 min
 Lab File: VU031515.D
 Acq: 26 Apr 2019 00:44

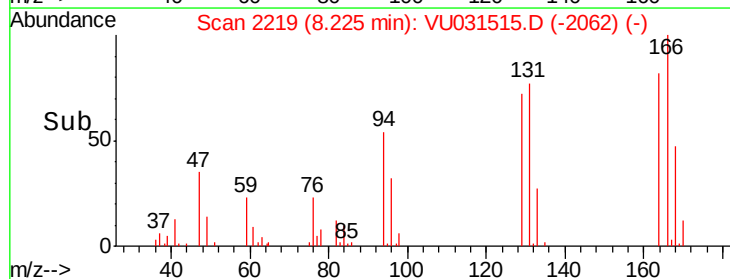
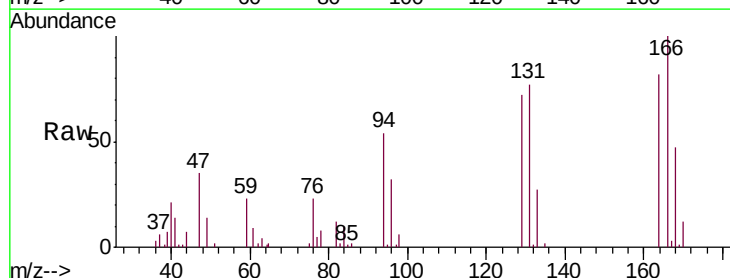
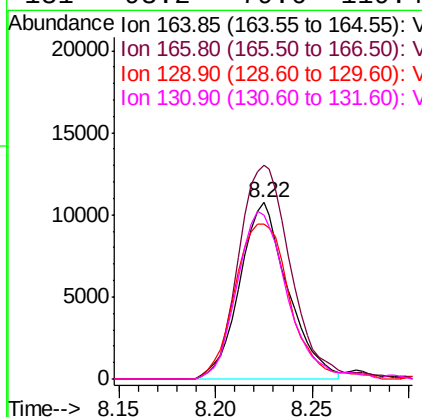
Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT2-2019

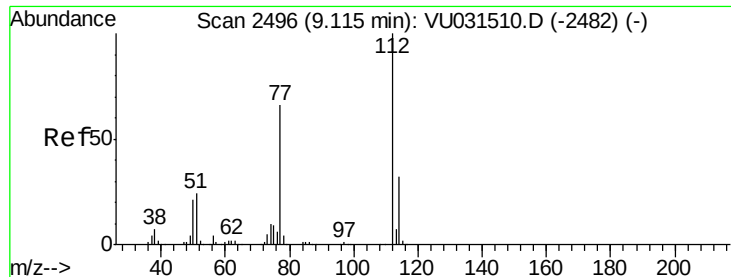
Tgt Ion: 95 Resp: 21657
 Ion Ratio Lower Upper
 95 100
 174 74.9 57.9 86.9
 176 74.5 54.0 81.0



#58
 Tetrachloroethene
 Concen: 0.937 ug/l
 RT: 8.22 min Scan# 2219
 Delta R.T. 0.00 min
 Lab File: VU031515.D
 Acq: 26 Apr 2019 00:44

Tgt Ion: 164 Resp: 18636
 Ion Ratio Lower Upper
 164 100
 166 121.2 101.2 151.8
 129 87.8 80.2 120.4
 131 93.2 79.6 119.4

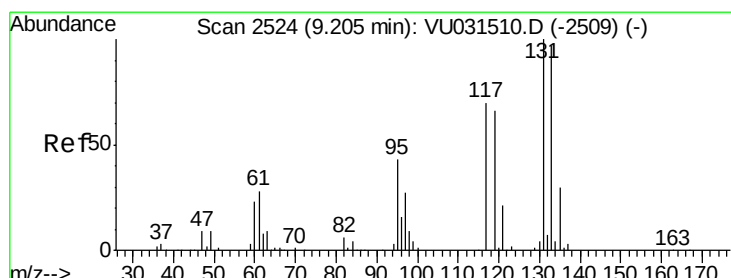
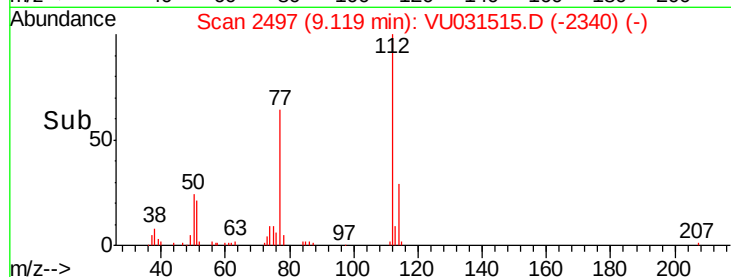
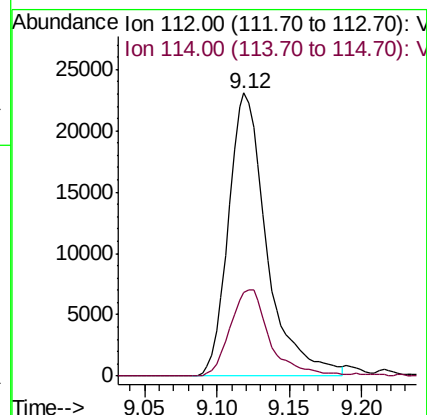
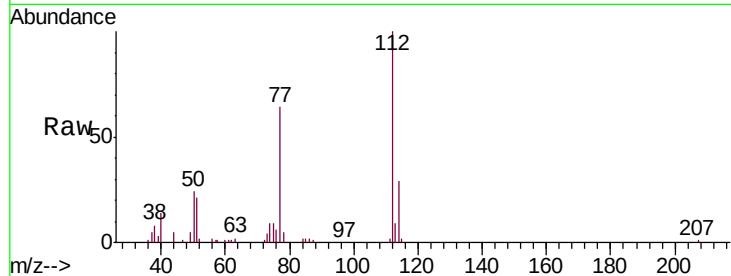




#59
Chlorobenzene
Concen: 0.924 ug/l
RT: 9.12 min Scan# 2497
Delta R.T. 0.00 min
Lab File: VU031515.D
Acq: 26 Apr 2019 00:44

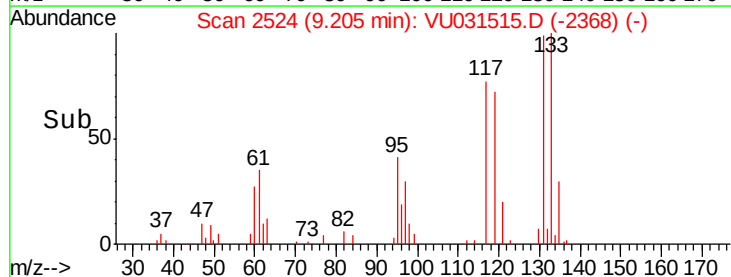
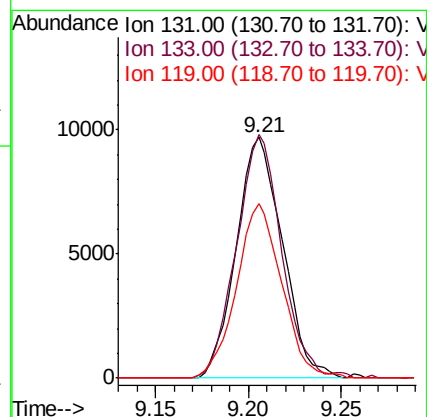
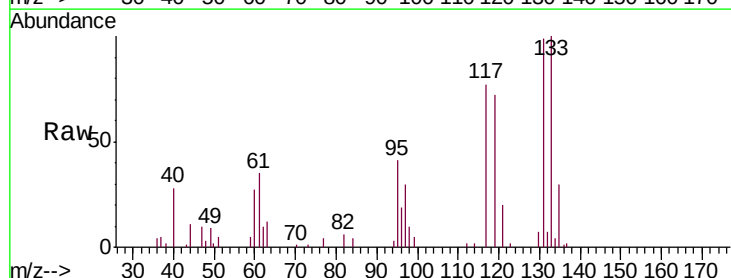
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2019

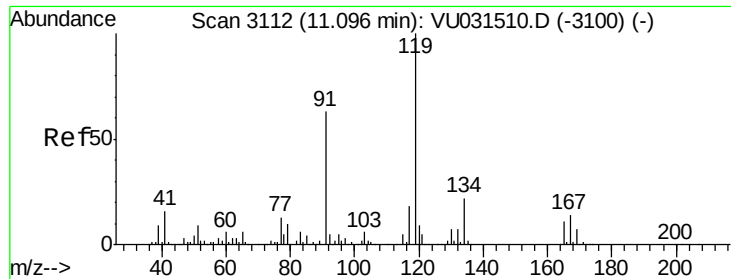
Tgt Ion:112 Resp: 42478
Ion Ratio Lower Upper
112 100
114 29.4 25.8 38.6



#60
1,1,1,2-Tetrachloroethane
Concen: 0.936 ug/l
RT: 9.21 min Scan# 2524
Delta R.T. 0.00 min
Lab File: VU031515.D
Acq: 26 Apr 2019 00:44

Tgt Ion:131 Resp: 16783
Ion Ratio Lower Upper
131 100
133 98.2 77.7 116.5
119 71.0 53.4 80.0





#61

Pentachloroethane

Concen: 0.942 ug/l

RT: 11.10 min Scan# 3112

Delta R.T. 0.00 min

Lab File: VU031515.D

Acq: 26 Apr 2019 00:44

Instrument :

MSVOA_U

ClientSampleId :

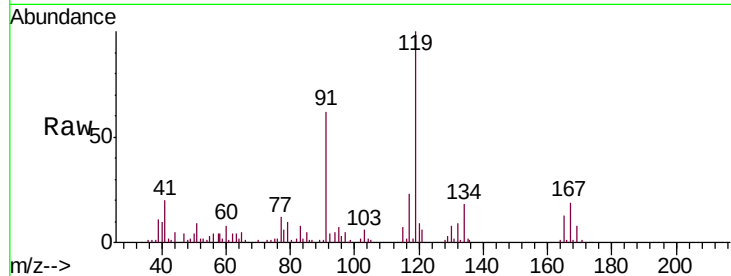
LOQ-WATER-02-QT2-2019

Tgt Ion:117 Resp: 11965

Ion Ratio Lower Upper

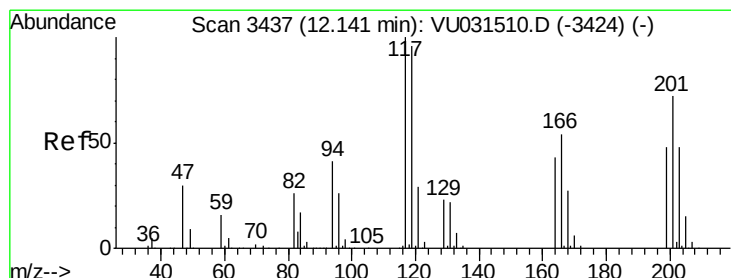
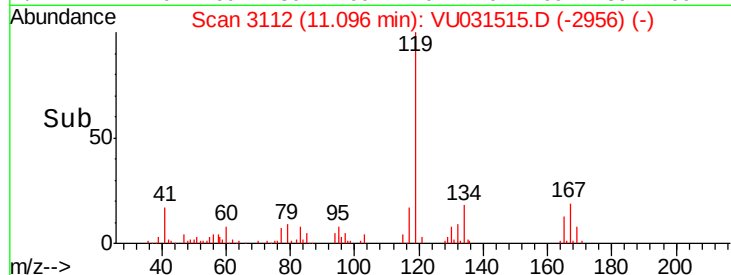
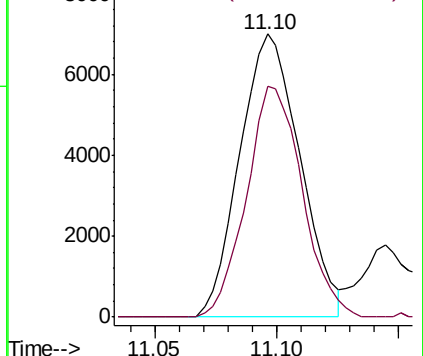
117 100

167 75.4 62.5 93.7



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 166.70 (166.40 to 167.40): V



#62

Hexachloroethane

Concen: 1.040 ug/l

RT: 12.14 min Scan# 3436

Delta R.T. -0.00 min

Lab File: VU031515.D

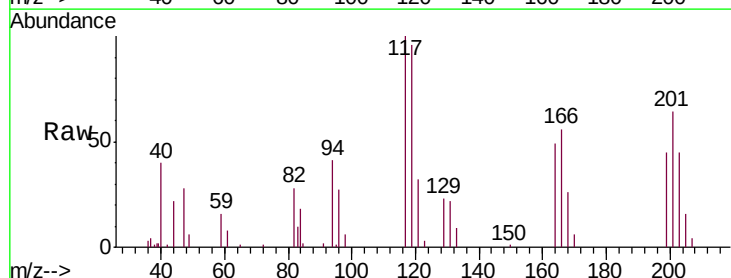
Acq: 26 Apr 2019 00:44

Tgt Ion:117 Resp: 13014

Ion Ratio Lower Upper

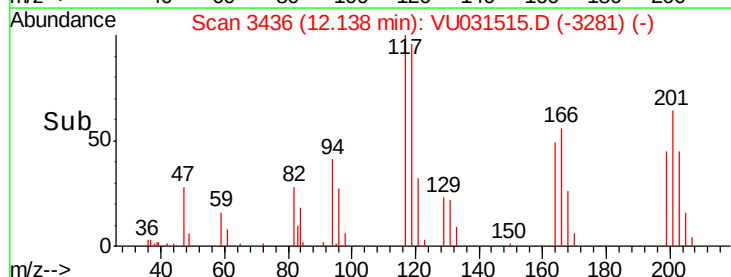
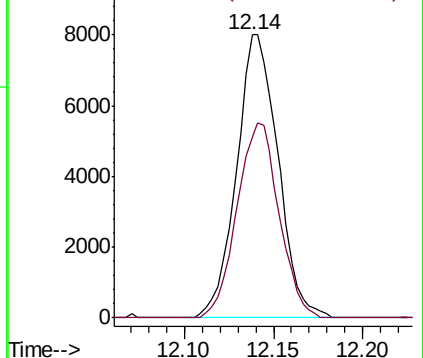
117 100

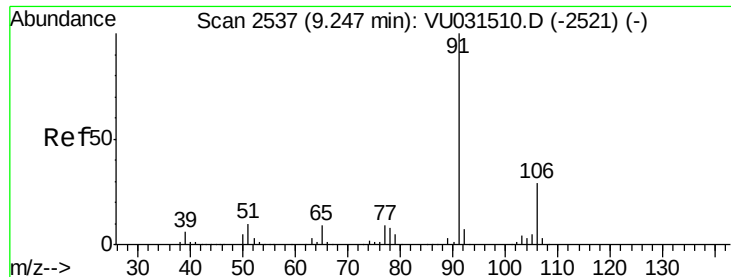
201 69.6 60.0 90.0



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.60 (200.30 to 201.30): V

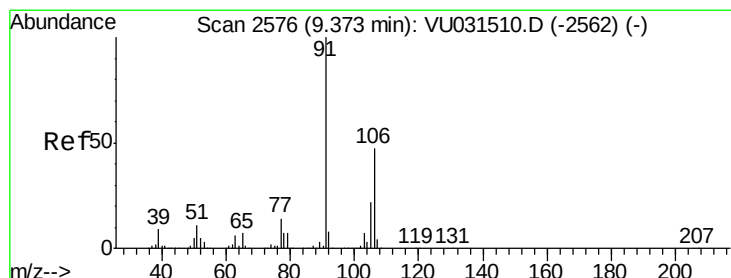
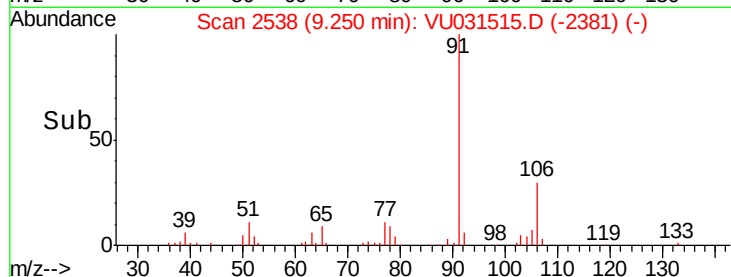
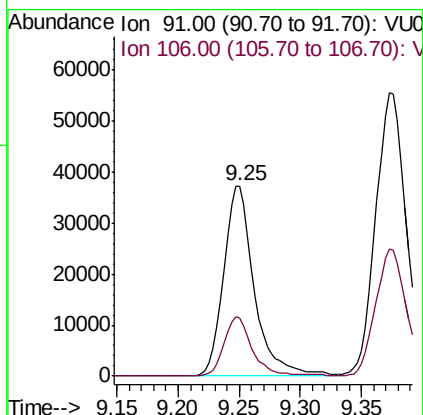
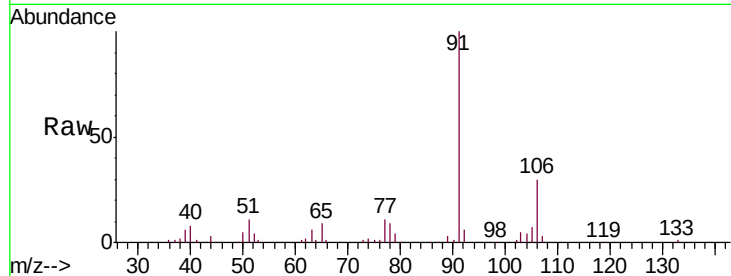




#63
Ethyl Benzene
Concen: 0.873 ug/l
RT: 9.25 min Scan# 2538
Delta R.T. 0.00 min
Lab File: VU031515.D
Acq: 26 Apr 2019 00:44

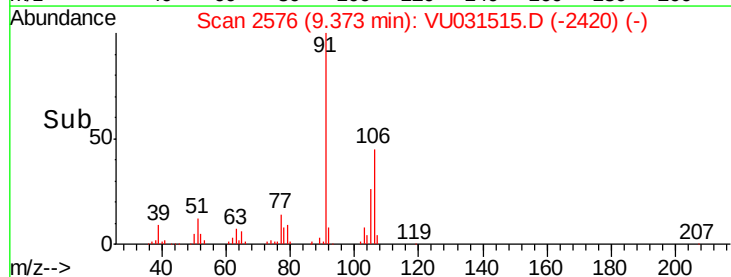
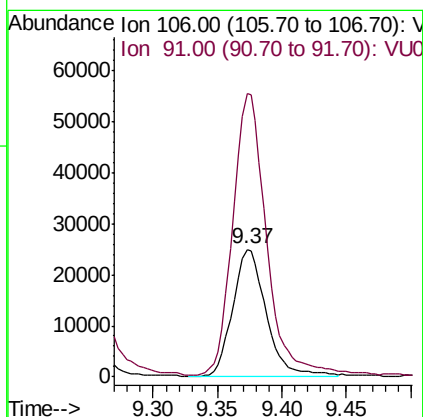
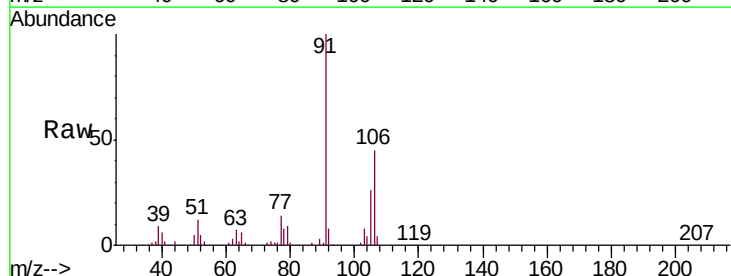
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2019

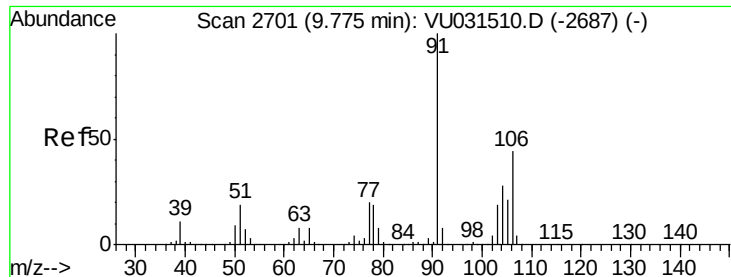
Tgt Ion: 91 Resp: 65725
Ion Ratio Lower Upper
91 100
106 30.4 23.4 35.2



#64
m/p-Xylenes
Concen: 1.591 ug/l
RT: 9.37 min Scan# 2576
Delta R.T. 0.00 min
Lab File: VU031515.D
Acq: 26 Apr 2019 00:44

Tgt Ion: 106 Resp: 44821
Ion Ratio Lower Upper
106 100
91 222.4 171.0 256.4





#65

o-Xylene

Concen: 0.798 ug/l

RT: 9.78 min Scan# 2702

Delta R.T. 0.00 min

Lab File: VU031515.D

Acq: 26 Apr 2019 00:44

Instrument :

MSVOA_U

ClientSampleId :

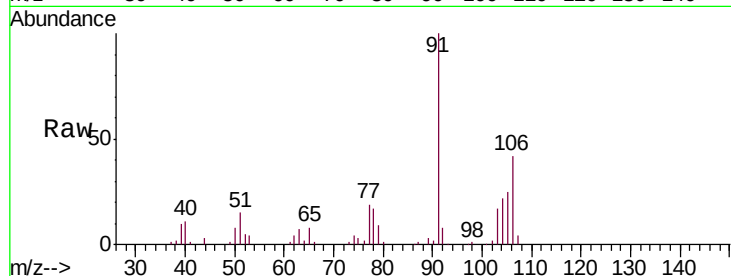
LOQ-WATER-02-QT2-2019

Tgt Ion:106 Resp: 21854

Ion Ratio Lower Upper

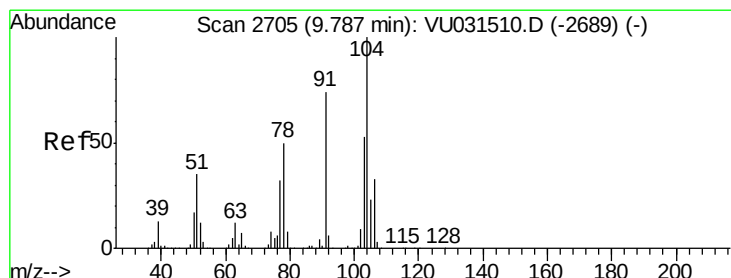
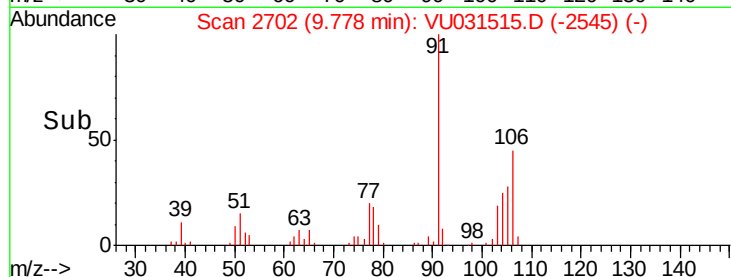
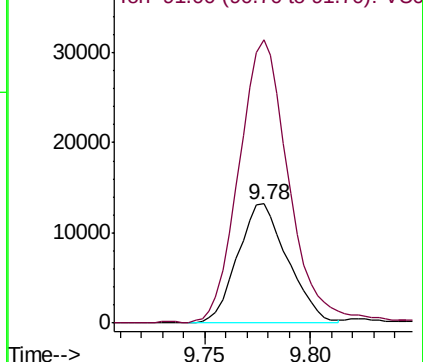
106 100

91 238.1 113.8 341.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#66

Styrene

Concen: 0.946 ug/l

RT: 9.79 min Scan# 2707

Delta R.T. 0.01 min

Lab File: VU031515.D

Acq: 26 Apr 2019 00:44

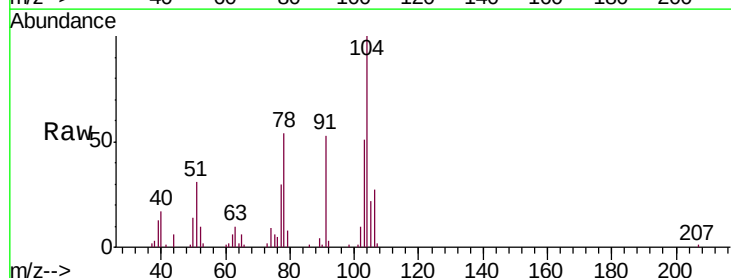
Tgt Ion:104 Resp: 35597

Ion Ratio Lower Upper

104 100

78 56.8 42.5 63.7

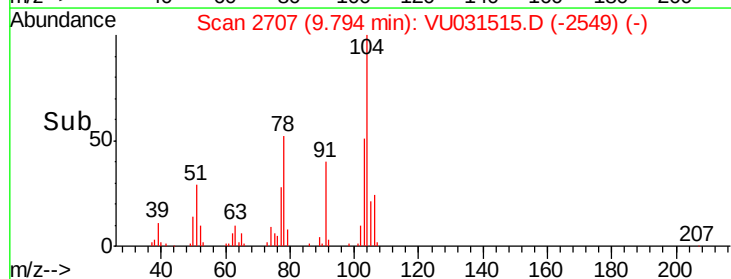
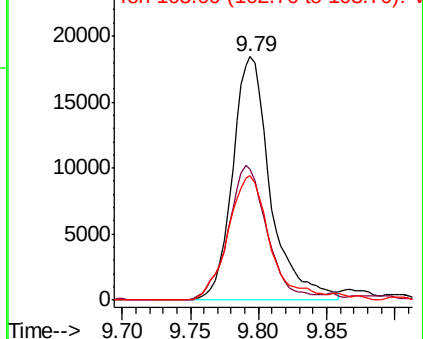
103 56.0 44.5 66.7

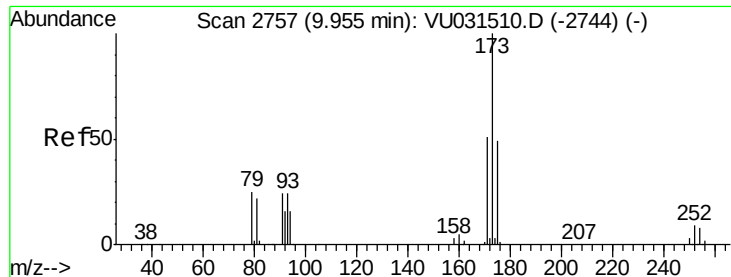


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VU0

Ion 103.00 (102.70 to 103.70): V





#67

Bromoform

Concen: 0.971 ug/l

RT: 9.96 min Scan# 2758

Delta R.T. 0.00 min

Lab File: VU031515.D

Acq: 26 Apr 2019 00:44

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT2-2019

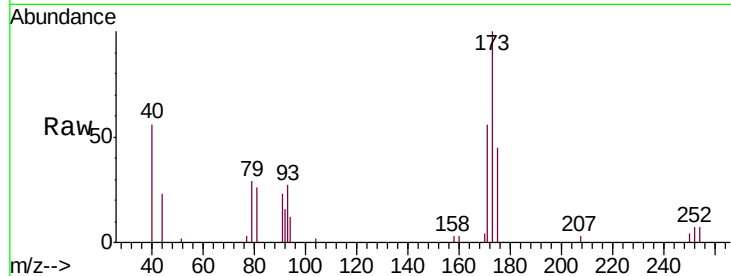
Tgt Ion:173 Resp: 9358

Ion Ratio Lower Upper

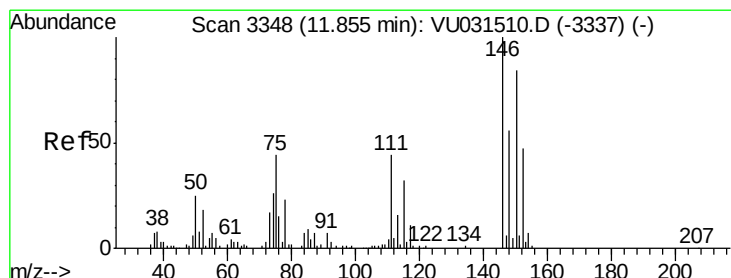
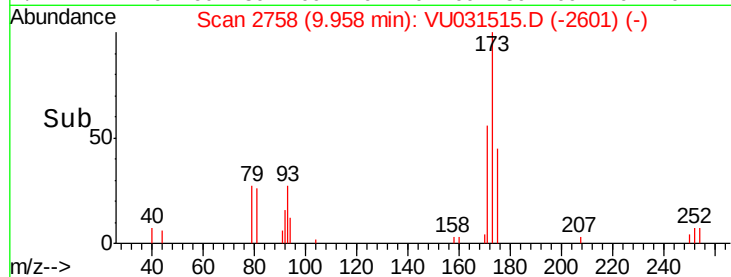
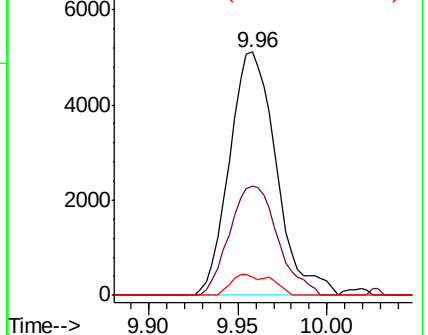
173 100

175 46.1 38.7 58.1

254 4.7 6.0 9.0#



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



#68

1,2-Dichlorobenzene-d4

Concen: 0.971 ug/l

RT: 11.86 min Scan# 3350

Delta R.T. 0.01 min

Lab File: VU031515.D

Acq: 26 Apr 2019 00:44

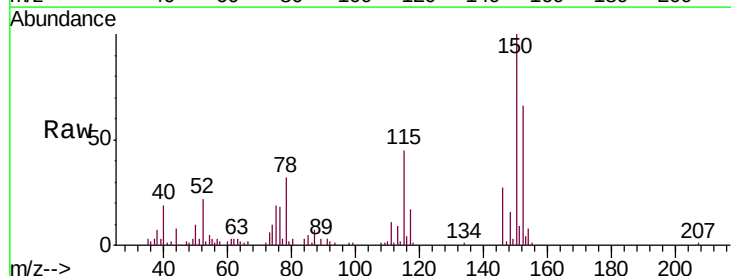
Tgt Ion:152 Resp: 21757

Ion Ratio Lower Upper

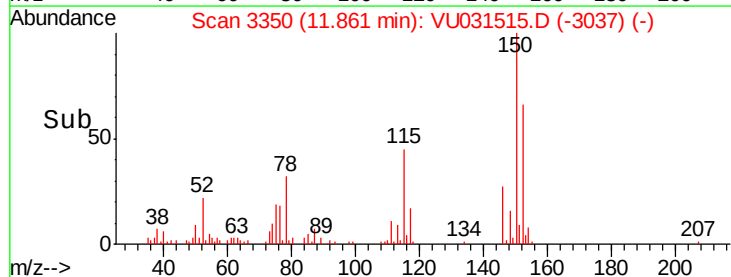
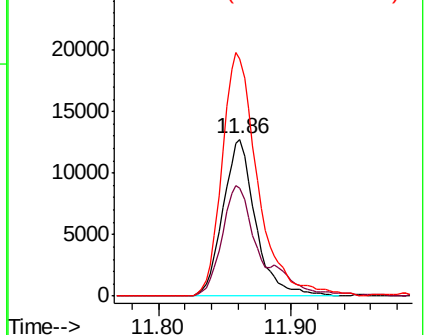
152 100

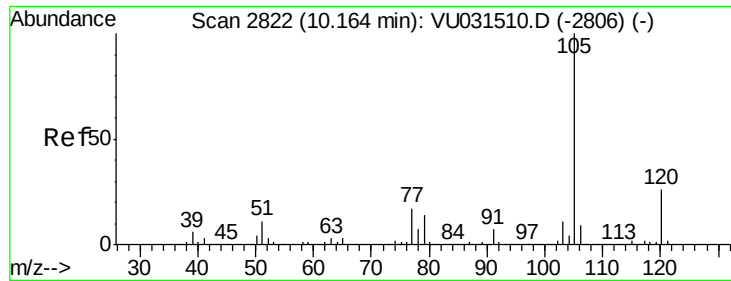
115 81.0 0.0 123.2

150 170.9 0.0 658.2



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





#69

Isopropylbenzene

Concen: 0.828 ug/l

RT: 10.16 min Scan# 2822

Delta R.T. 0.00 min

Lab File: VU031515.D

Acq: 26 Apr 2019 00:44

Instrument :

MSVOA_U

ClientSampleId :

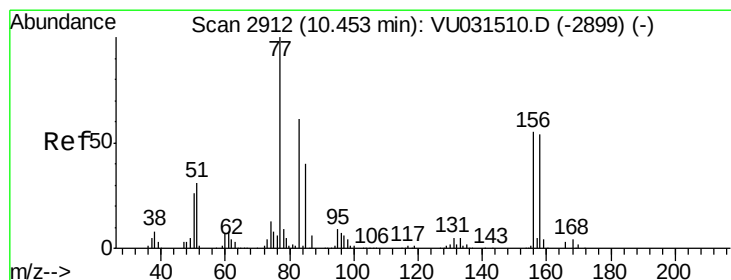
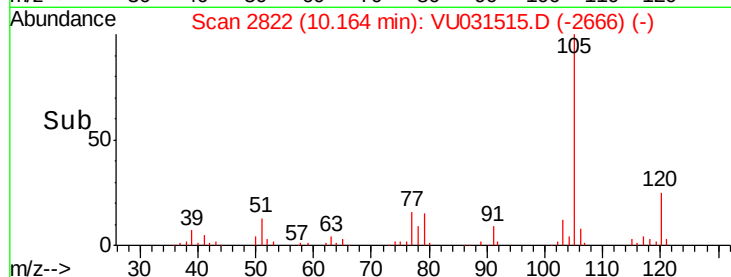
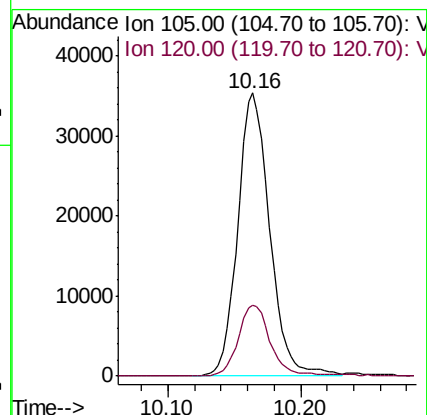
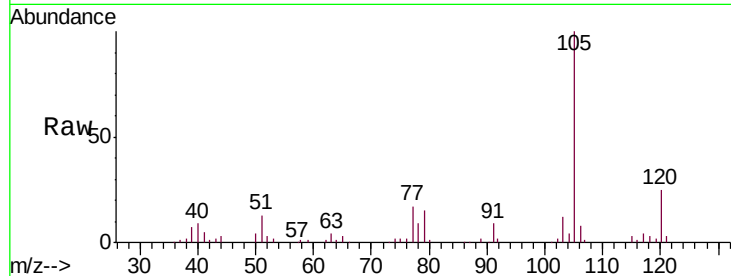
LOQ-WATER-02-QT2-2019

Tgt Ion: 105 Resp: 59341

Ion Ratio Lower Upper

105 100

120 25.4 12.4 37.4



#70

1,1,2,2-Tetrachloroethane

Concen: 1.040 ug/l

RT: 10.45 min Scan# 2912

Delta R.T. 0.00 min

Lab File: VU031515.D

Acq: 26 Apr 2019 00:44

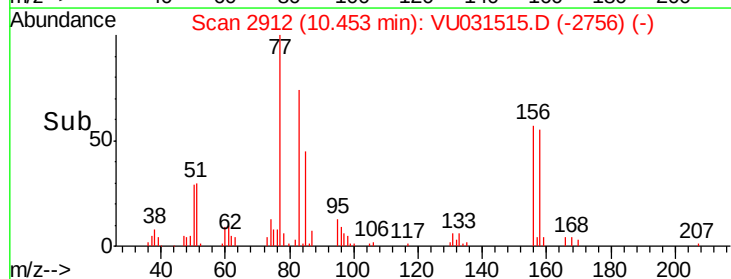
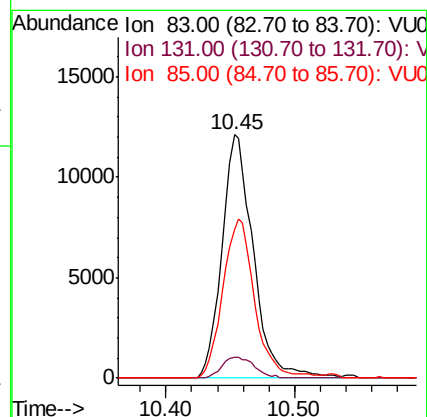
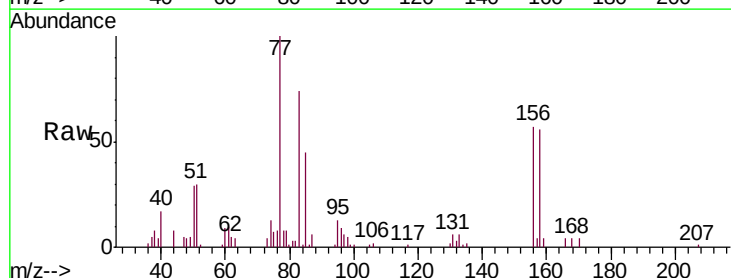
Tgt Ion: 83 Resp: 20448

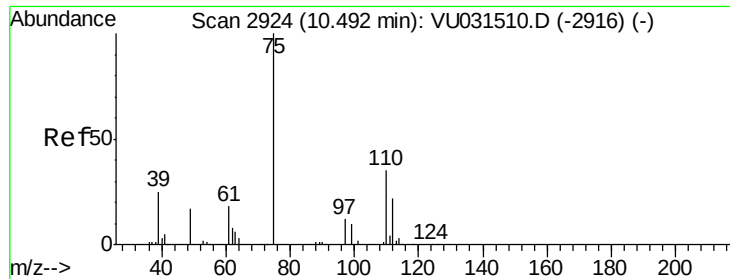
Ion Ratio Lower Upper

83 100

131 8.8 7.2 10.8

85 65.1 52.8 79.2

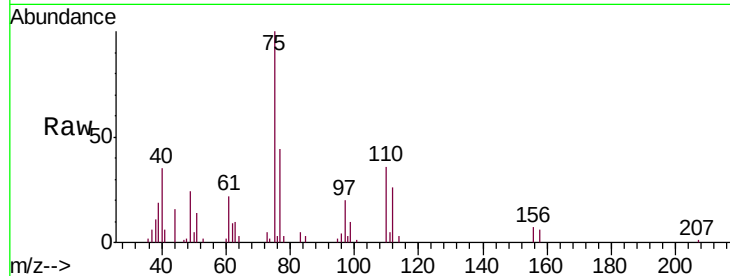




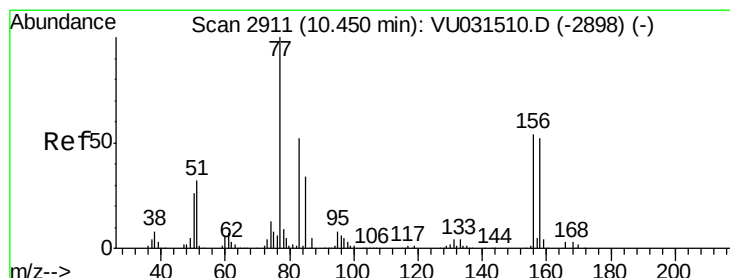
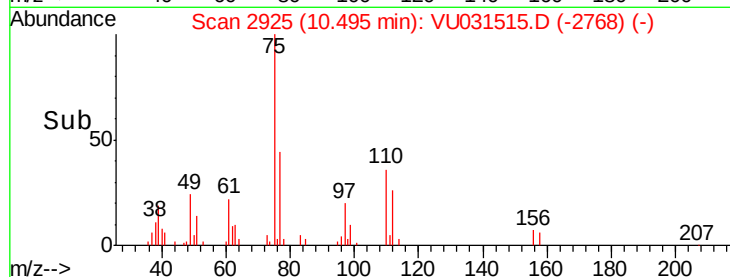
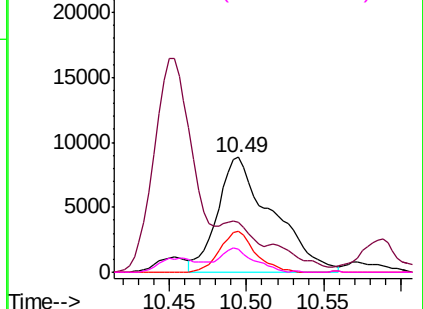
#71
 1,2,3-Trichloropropane
 Concen: 1.518 ug/l
 RT: 10.49 min Scan# 2925
 Delta R.T. 0.00 min
 Lab File: VU031515.D
 Acq: 26 Apr 2019 00:44

Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT2-2019

Tgt Ion:	75	Resp:	21754
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0
110	23.2	0.0	68.2
97	13.0	0.0	36.6

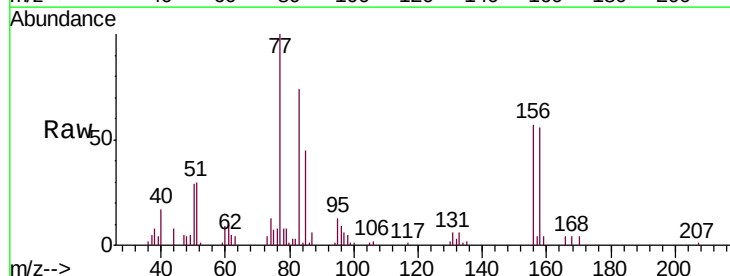


Abundance Ion 75.00 (74.70 to 75.70): VU0
 Ion 77.00 (76.70 to 77.70): VU0
 Ion 110.00 (109.70 to 110.70): V
 Ion 97.00 (96.70 to 97.70): VU0

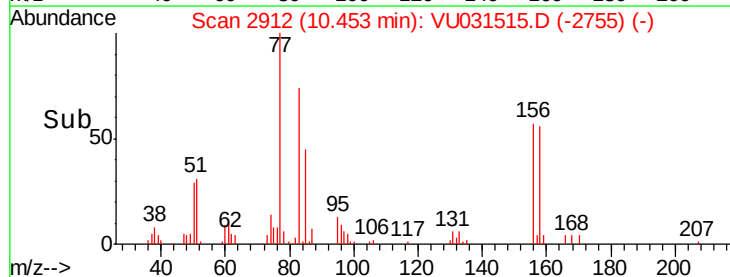
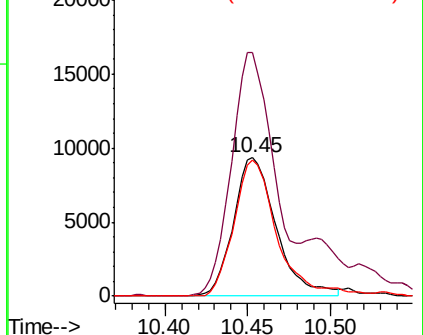


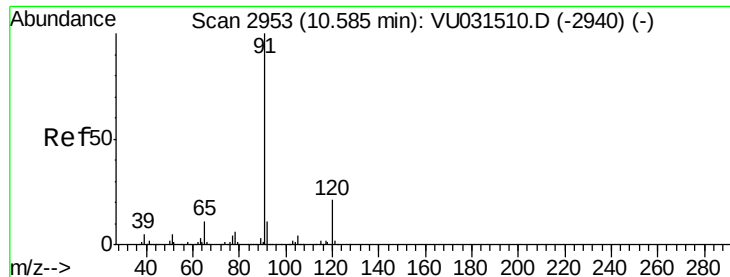
#72
 Bromobenzene
 Concen: 0.926 ug/l
 RT: 10.45 min Scan# 2912
 Delta R.T. 0.00 min
 Lab File: VU031515.D
 Acq: 26 Apr 2019 00:44

Tgt Ion:	156	Resp:	16842
Ion	Ratio	Lower	Upper
156	100		
77	171.4	0.0	353.4
158	98.6	0.0	190.6



Abundance Ion 156.00 (155.70 to 156.70): V
 Ion 77.00 (76.70 to 77.70): VU0
 Ion 158.00 (157.70 to 158.70): V





#73

n-propylbenzene

Concen: 0.833 ug/l

RT: 10.58 min Scan# 2953

Delta R.T. 0.00 min

Lab File: VU031515.D

Acq: 26 Apr 2019 00:44

Instrument :

MSVOA_U

ClientSampleId :

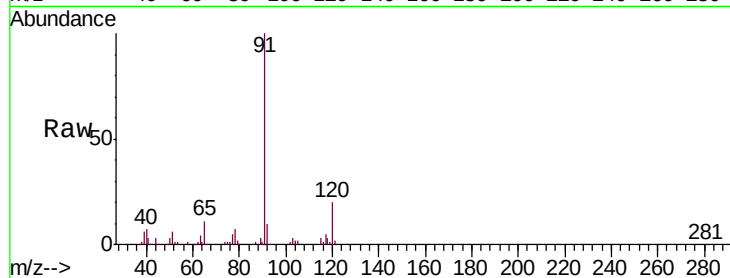
LOQ-WATER-02-QT2-2019

Tgt Ion:120 Resp: 15454

Ion Ratio Lower Upper

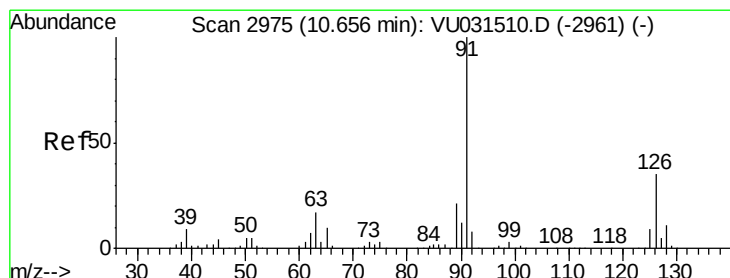
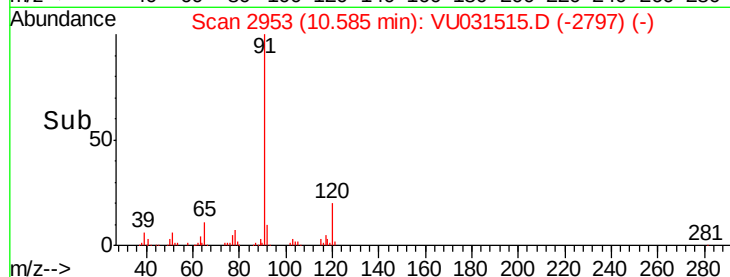
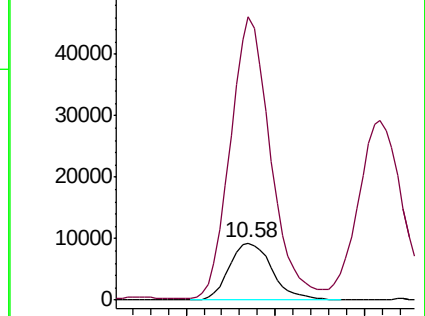
120 100

91 465.0 373.9 560.9



Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0



#74

2-Chlorotoluene

Concen: 0.844 ug/l

RT: 10.66 min Scan# 2976

Delta R.T. 0.00 min

Lab File: VU031515.D

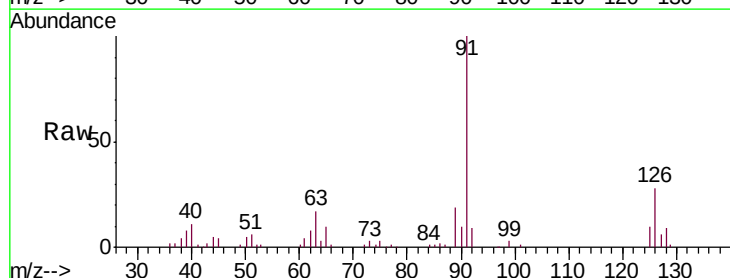
Acq: 26 Apr 2019 00:44

Tgt Ion:126 Resp: 14918

Ion Ratio Lower Upper

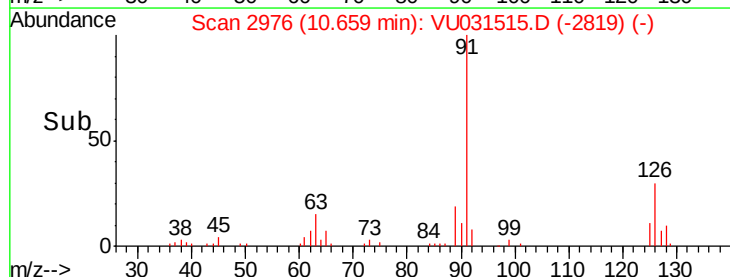
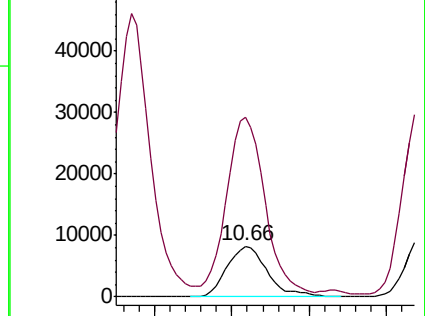
126 100

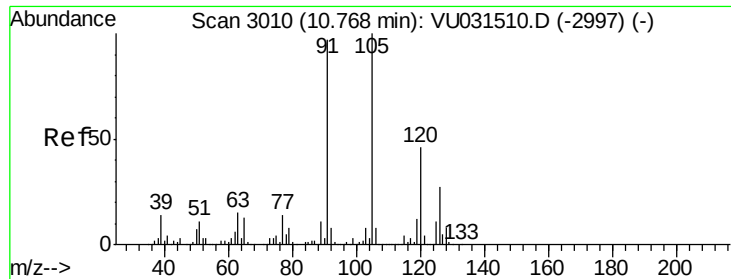
91 325.1 0.0 659.6



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0





#75

1,3,5-Trimethylbenzene

Concen: 0.897 ug/l

RT: 10.77 min Scan# 3010

Delta R.T. 0.00 min

Lab File: VU031515.D

Acq: 26 Apr 2019 00:44

Instrument :

MSVOA_U

ClientSampleId :

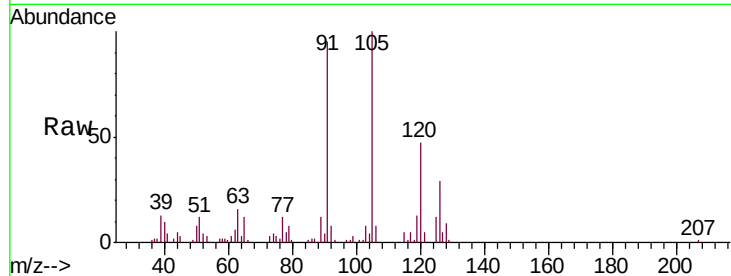
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Tgt Ion:105 Resp: 48649

Ion Ratio Lower Upper

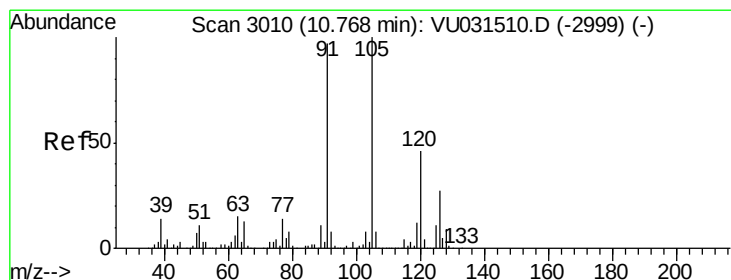
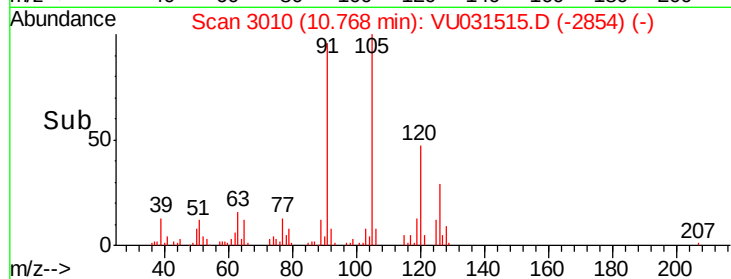
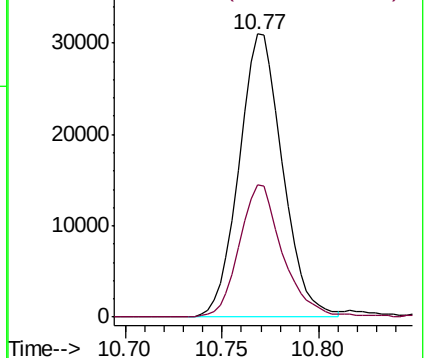
105 100

120 46.8 36.8 55.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#76

4-Chlorotoluene

Concen: 0.915 ug/l

RT: 10.77 min Scan# 3011

Delta R.T. 0.00 min

Lab File: VU031515.D

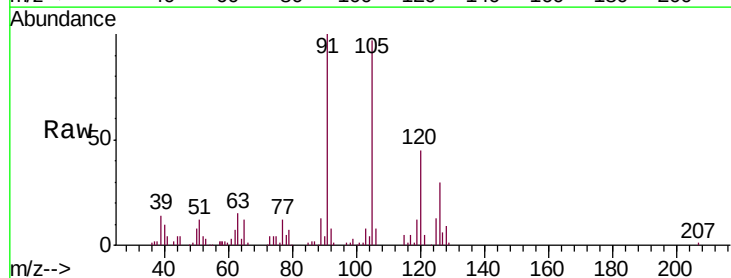
Acq: 26 Apr 2019 00:44

Tgt Ion:126 Resp: 15131

Ion Ratio Lower Upper

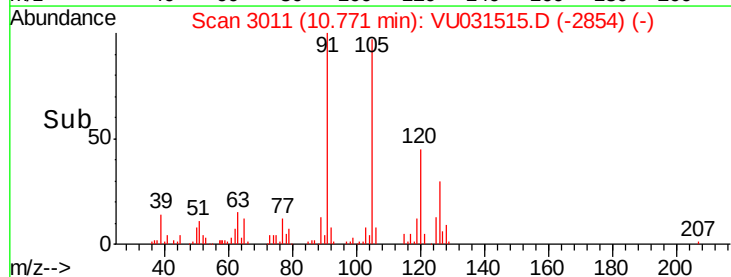
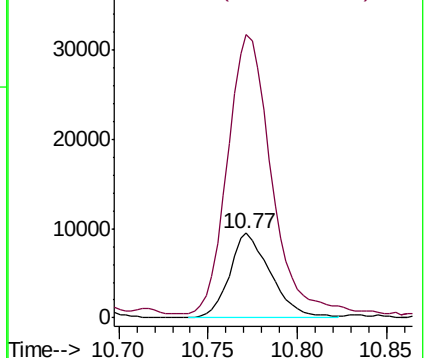
126 100

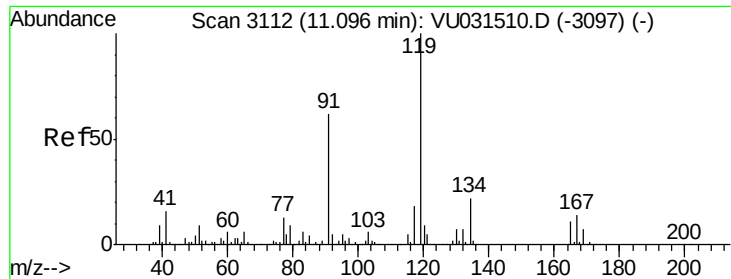
91 353.7 0.0 732.0



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0

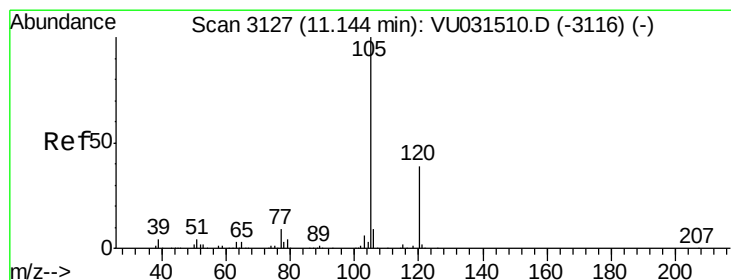
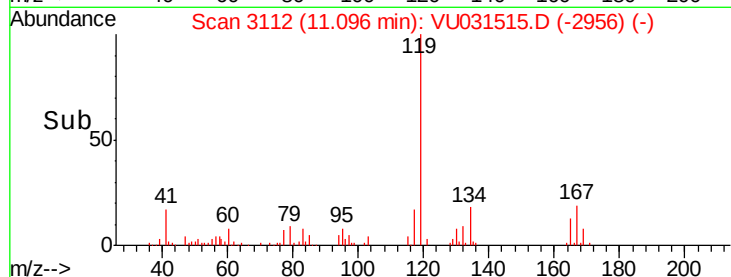
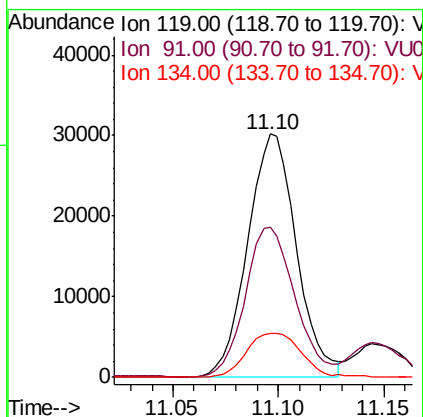
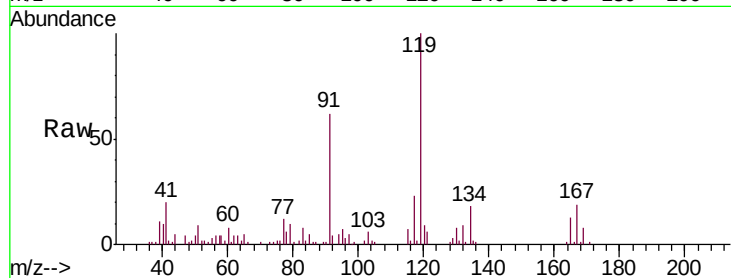




#77
 tert-Butylbenzene
 Concen: 0.848 ug/l
 RT: 11.10 min Scan# 3112
 Delta R.T. 0.00 min
 Lab File: VU031515.D
 Acq: 26 Apr 2019 00:44

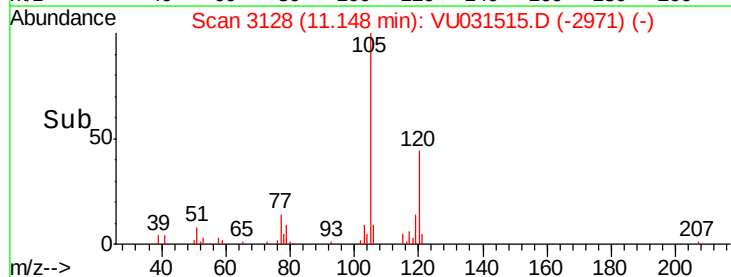
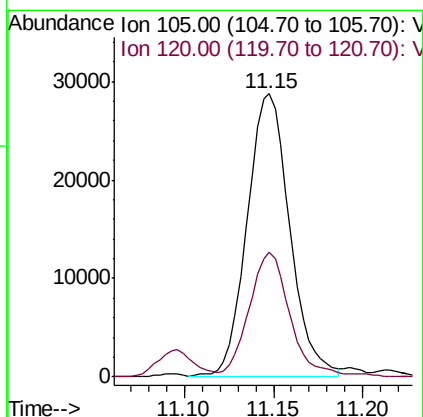
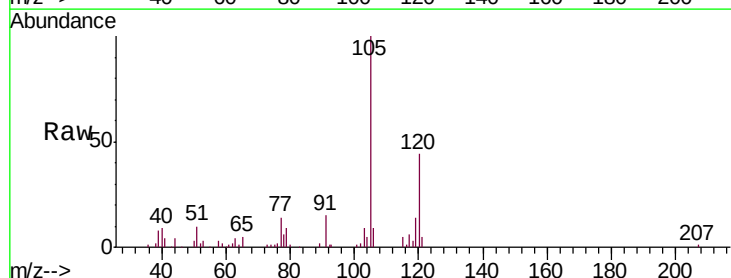
Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT2-2019

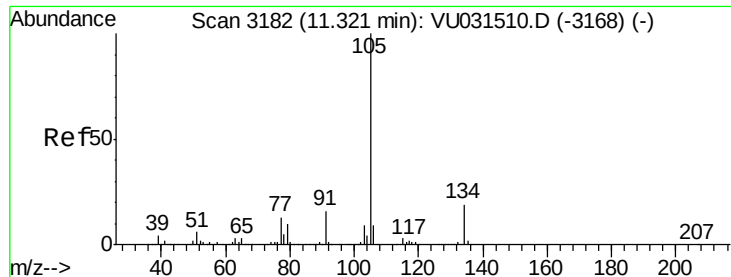
Tgt Ion:119 Resp: 48592
 Ion Ratio Lower Upper
 119 100
 91 62.7 31.4 94.2
 134 20.3 17.4 26.2



#78
 1,2,4-Trimethylbenzene
 Concen: 0.877 ug/l
 RT: 11.15 min Scan# 3128
 Delta R.T. 0.00 min
 Lab File: VU031515.D
 Acq: 26 Apr 2019 00:44

Tgt Ion:105 Resp: 47677
 Ion Ratio Lower Upper
 105 100
 120 42.8 21.6 65.0





#79

sec-Butylbenzene

Concen: 0.841 ug/l

RT: 11.32 min Scan# 3182

Delta R.T. 0.00 min

Lab File: VU031515.D

Acq: 26 Apr 2019 00:44

Instrument :

MSVOA_U

ClientSampleId :

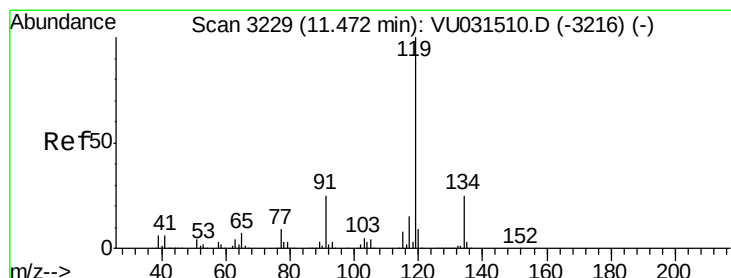
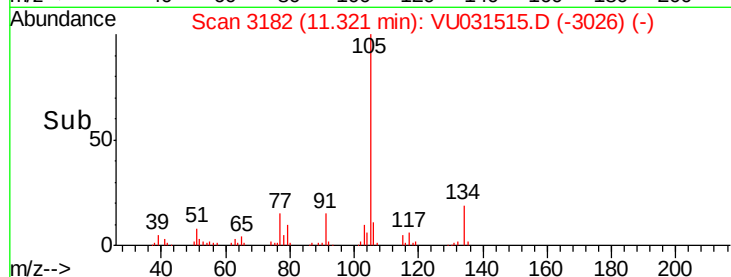
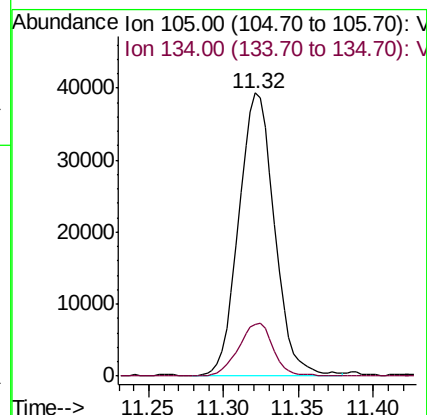
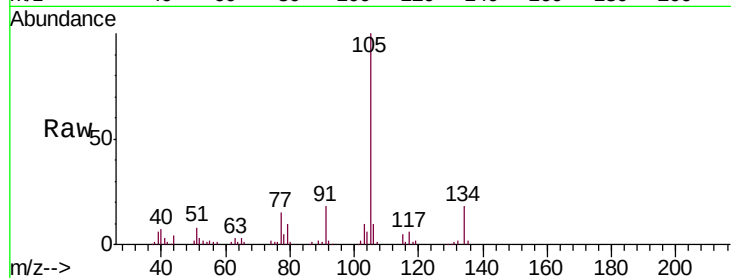
LOQ-WATER-02-QT2-2019

Tgt Ion:105 Resp: 65738

Ion Ratio Lower Upper

105 100

134 18.2 15.0 22.6



#81

p-Isopropyltoluene

Concen: 0.916 ug/l

RT: 11.47 min Scan# 3229

Delta R.T. 0.00 min

Lab File: VU031515.D

Acq: 26 Apr 2019 00:44

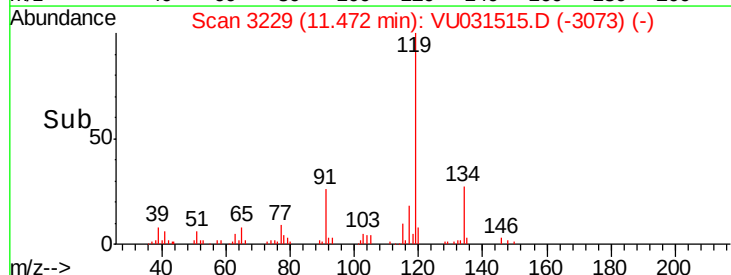
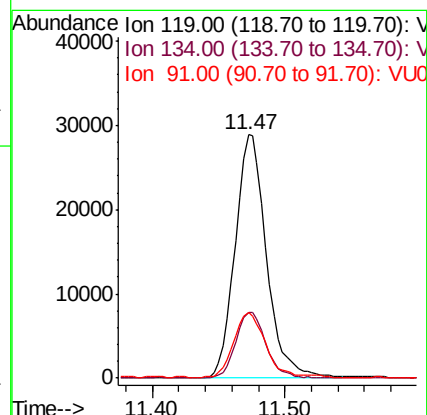
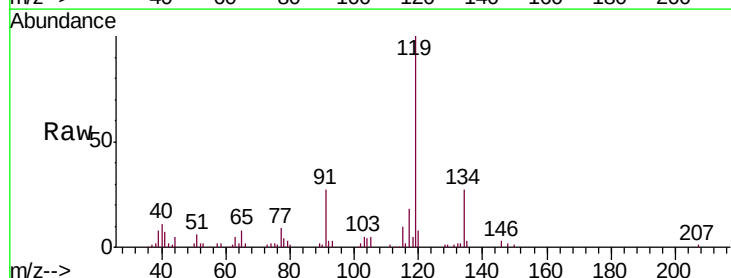
Tgt Ion:119 Resp: 47468

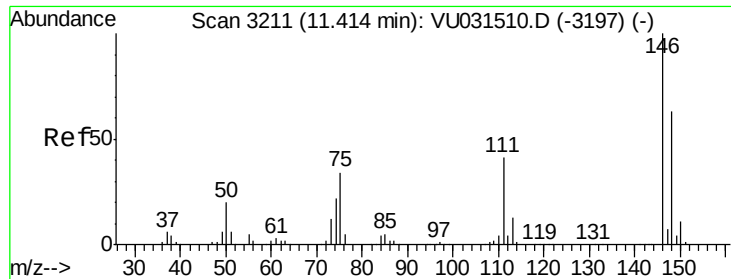
Ion Ratio Lower Upper

119 100

134 26.0 20.3 30.5

91 28.4 20.3 30.5

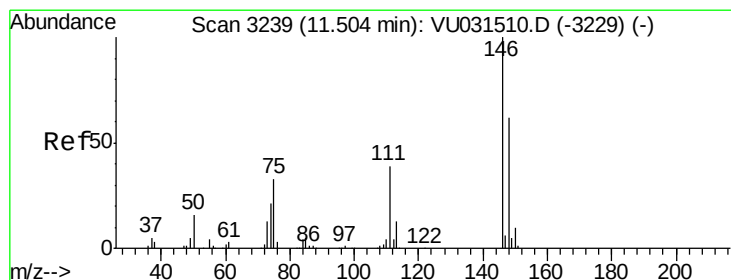
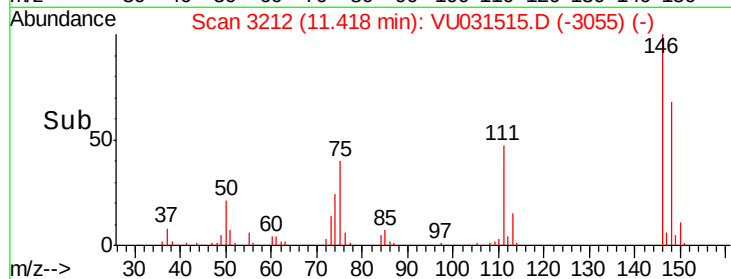
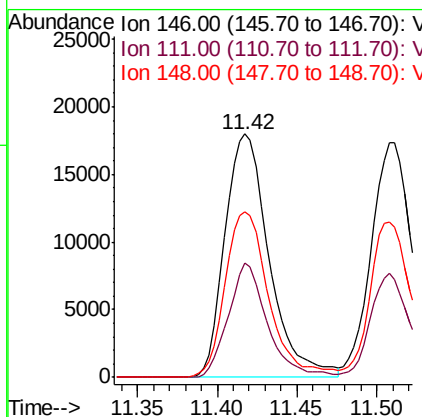
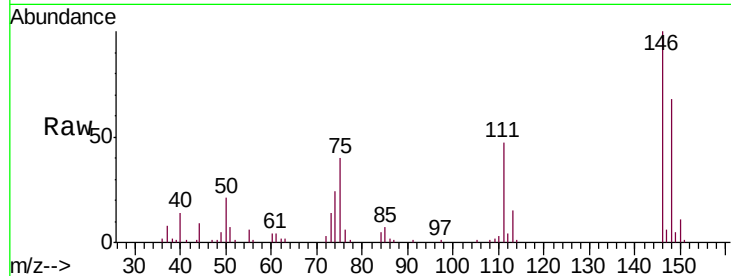




#82
 1,3-Dichlorobenzene
 Concen: 0.945 ug/l
 RT: 11.42 min Scan# 3212
 Delta R.T. 0.00 min
 Lab File: VU031515.D
 Acq: 26 Apr 2019 00:44

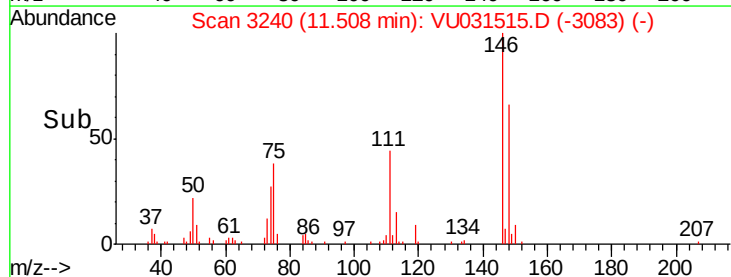
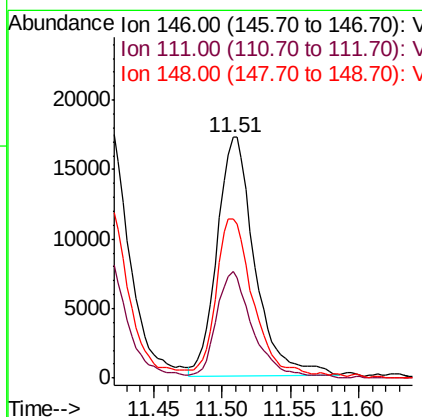
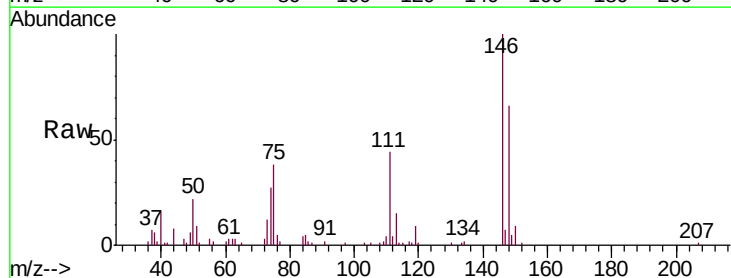
Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT2-2019

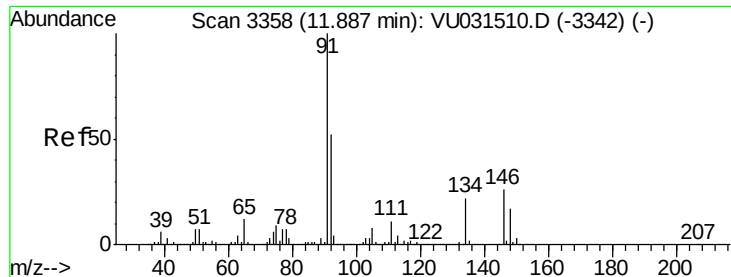
Tgt Ion:146 Resp: 33971
 Ion Ratio Lower Upper
 146 100
 111 41.4 33.4 50.0
 148 67.2 50.2 75.4



#83
 1,4-Dichlorobenzene
 Concen: 0.955 ug/l
 RT: 11.51 min Scan# 3240
 Delta R.T. 0.00 min
 Lab File: VU031515.D
 Acq: 26 Apr 2019 00:44

Tgt Ion:146 Resp: 32974
 Ion Ratio Lower Upper
 146 100
 111 40.7 32.2 48.4
 148 62.6 51.2 76.8





#84

n-Butylbenzene

Concen: 1.026 ug/l

RT: 11.89 min Scan# 3358

Delta R.T. 0.00 min

Lab File: VU031515.D

Acq: 26 Apr 2019 00:44

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT2-2019

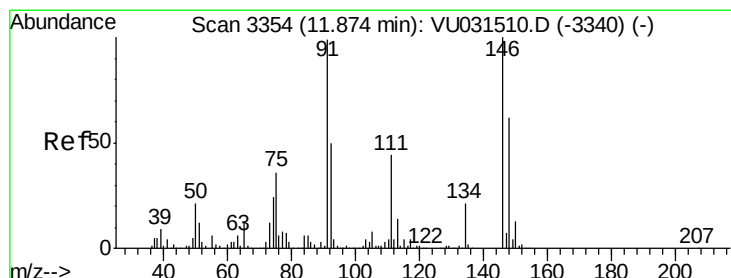
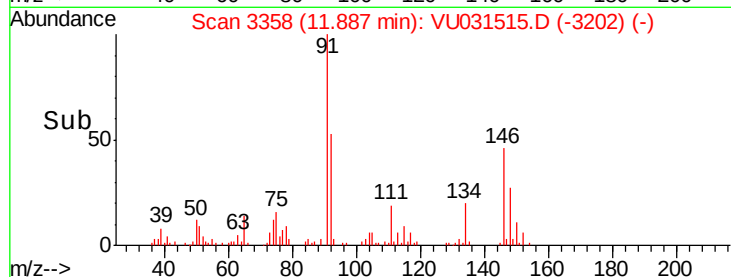
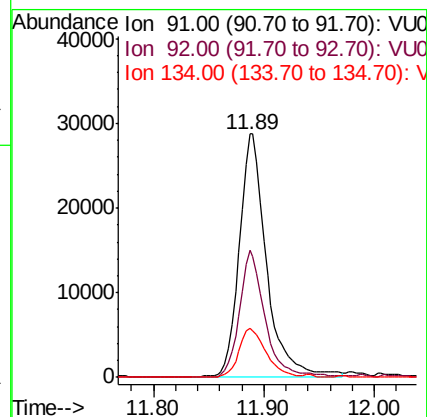
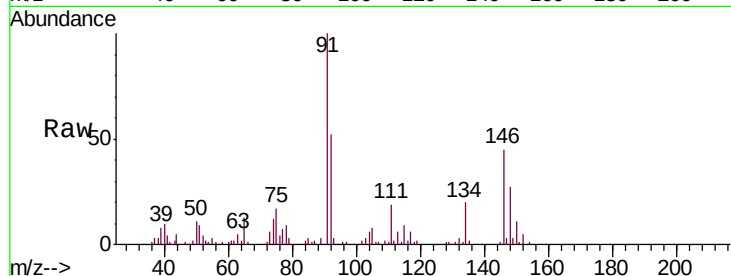
Tgt Ion: 91 Resp: 49494

Ion Ratio Lower Upper

91 100

92 48.6 41.2 61.8

134 20.0 18.1 27.1



#85

1,2-Dichlorobenzene

Concen: 0.962 ug/l

RT: 11.88 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VU031515.D

Acq: 26 Apr 2019 00:44

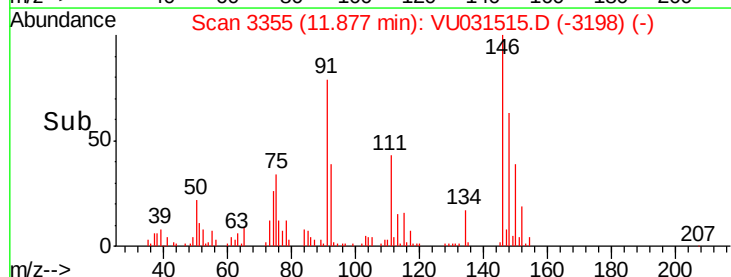
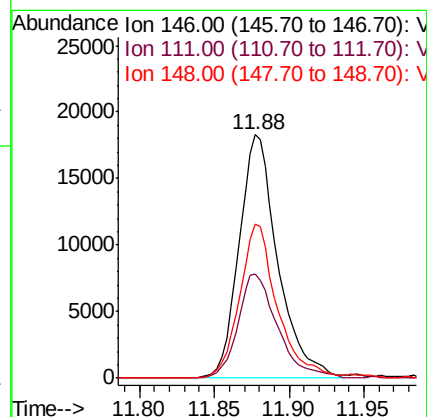
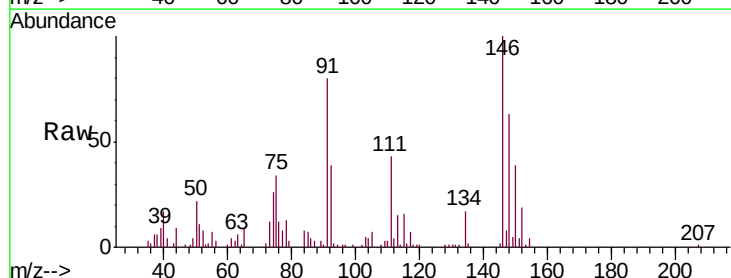
Tgt Ion: 146 Resp: 32889

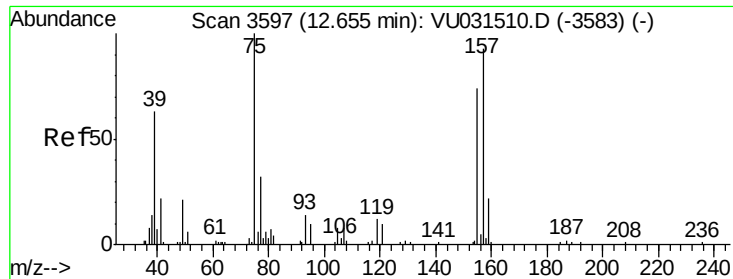
Ion Ratio Lower Upper

146 100

111 43.6 21.7 65.1

148 61.8 31.6 94.7

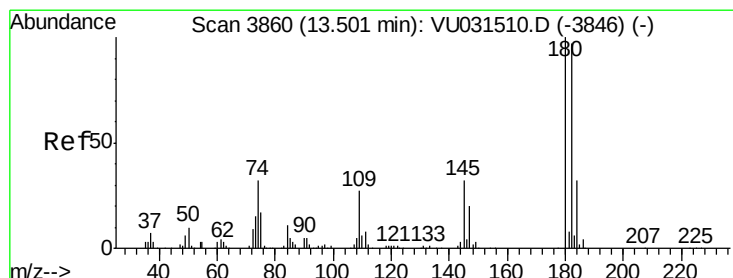
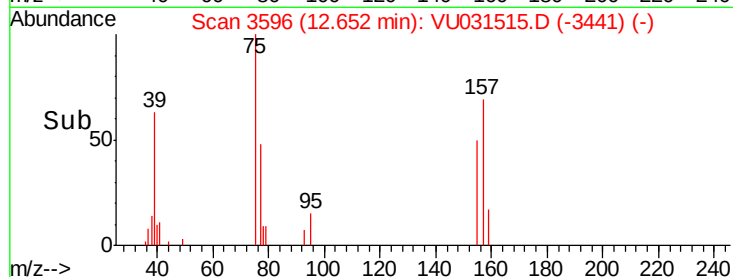
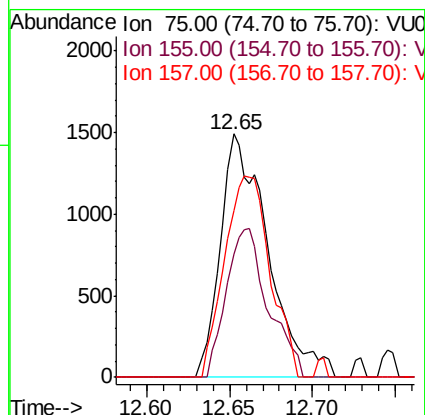
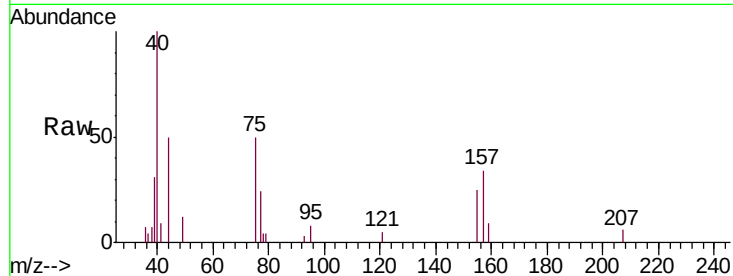




#86
 1,2-Dibromo-3-Chloropropane
 Concen: 1.050 ug/l
 RT: 12.65 min Scan# 3596
 Delta R.T. -0.00 min
 Lab File: VU031515.D
 Acq: 26 Apr 2019 00:44

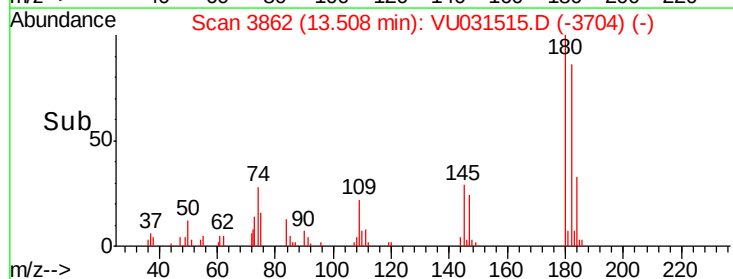
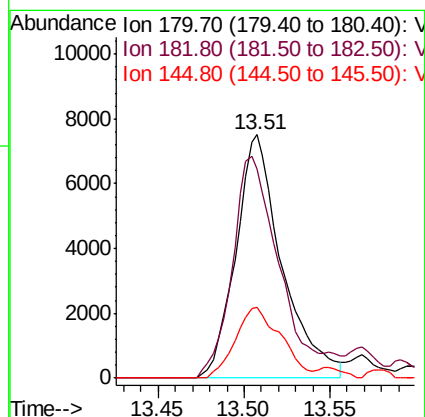
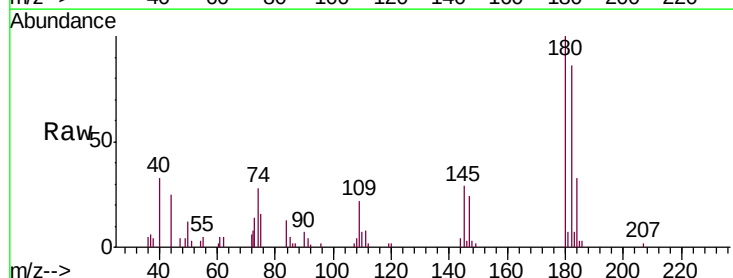
Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT2-2019

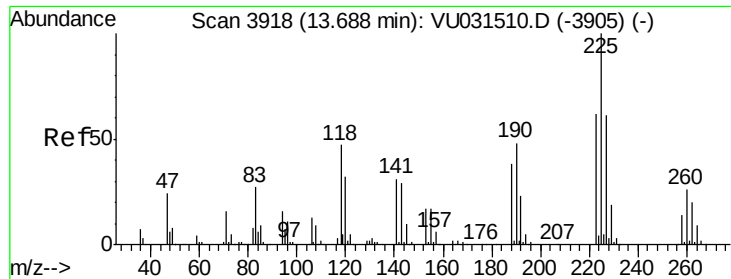
Tgt Ion: 75 Resp: 2972
 Ion Ratio Lower Upper
 75 100
 155 53.6 58.5 87.7#
 157 79.2 75.0 112.4



#87
 1,2,4-Trichlorobenzene
 Concen: 1.029 ug/l
 RT: 13.51 min Scan# 3862
 Delta R.T. 0.01 min
 Lab File: VU031515.D
 Acq: 26 Apr 2019 00:44

Tgt Ion: 180 Resp: 13996
 Ion Ratio Lower Upper
 180 100
 182 94.6 75.5 113.3
 145 28.6 23.9 35.9





#88

Hexachlorobutadiene

Concen: 0.930 ug/l

RT: 13.69 min Scan# 3918

Delta R.T. 0.00 min

Lab File: VU031515.D

Acq: 26 Apr 2019 00:44

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT2-2019

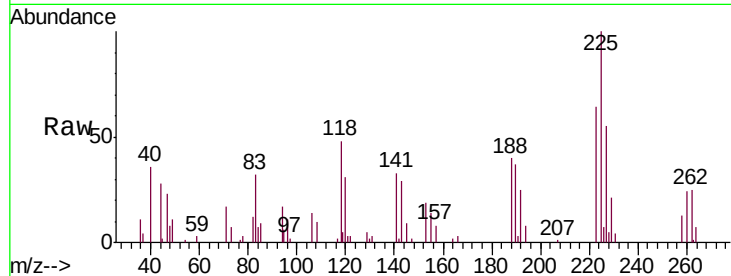
Tgt Ion:225 Resp: 11671

Ion Ratio Lower Upper

225 100

223 66.1 50.2 75.4

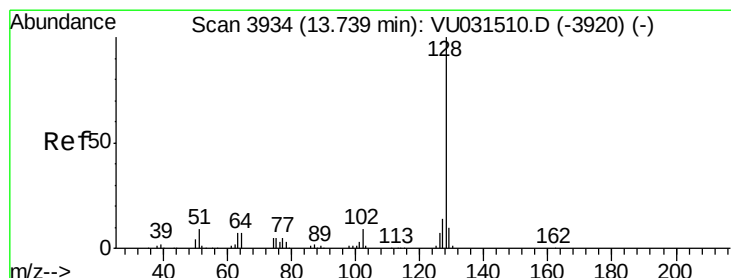
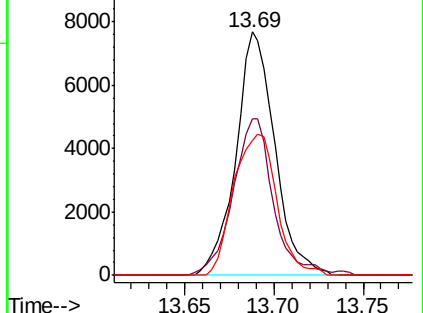
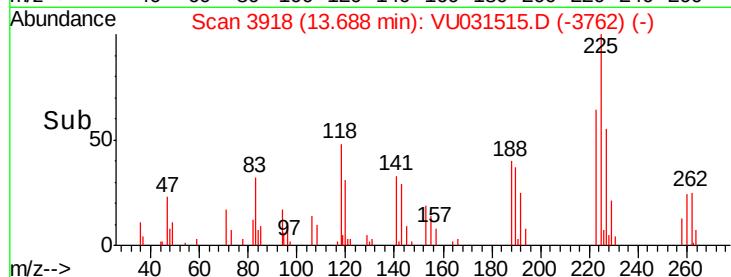
227 64.2 50.4 75.6



Abundance Ion 224.60 (224.30 to 225.30): V

Ion 222.60 (222.30 to 223.30): V

Ion 226.60 (226.30 to 227.30): V



#89

Naphthalene

Concen: 1.179 ug/l

RT: 13.75 min Scan# 3938

Delta R.T. 0.01 min

Lab File: VU031515.D

Acq: 26 Apr 2019 00:44

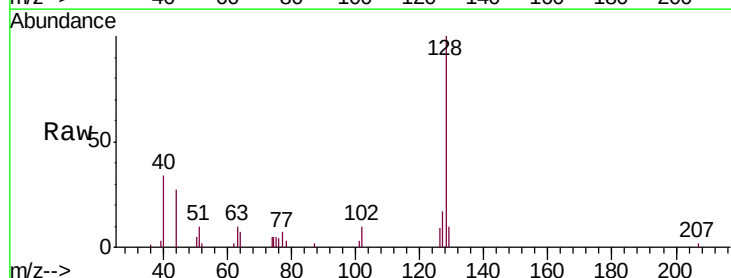
Tgt Ion:128 Resp: 22931

Ion Ratio Lower Upper

128 100

127 13.1 10.8 16.2

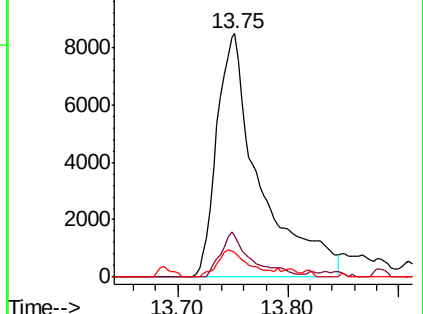
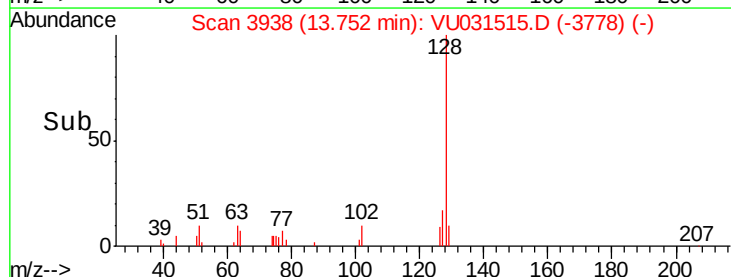
129 7.8 8.2 12.2#

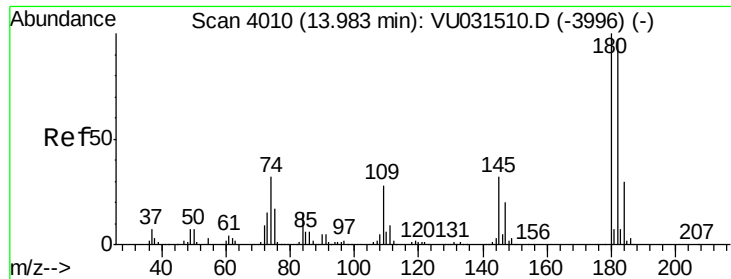


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#90
 1,2,3-Trichlorobenzene
 Concen: 0.828 ug/l
 RT: 13.99 min Scan# 4012
 Delta R.T. 0.01 min
 Lab File: VU031515.D
 Acq: 26 Apr 2019 00:44

Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT2-2019

Tgt Ion	Ratio	Lower	Upper
180	100		
182	100.7	77.1	115.7
145	30.4	25.9	38.9

