

Data File : VU029676.D
Acq On : 26 Feb 2019 12:35
Operator : JC/SP
Sample : K1560-08 LOQ 1.00ppb
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2019

Quant Time: Feb 27 00:43:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U020519DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Feb 08 10:52:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.74	96	58018	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.31	95	21512	0.95	ug/l	0.00
Spiked Amount 1.000			Recovery	=	95.00%	
68) 1,2-Dichlorobenzene-d4	11.86	152	24879	1.07	ug/l	0.00
Spiked Amount 1.000			Recovery	=	107.00%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.21	85	19813	0.915 ug/l	100
3) Chloromethane	1.33	50	16442	0.831 ug/l	100
4) Vinyl Chloride	1.40	62	20637	0.890 ug/l	96
5) Bromomethane	1.63	94	12084	0.937 ug/l	92
6) Chloroethane	1.70	64	12615	0.931 ug/l	93
7) Trichlorofluoromethane	1.88	101	28858	0.891 ug/l	99
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	17759	1.038 ug/l	89
9) 1,1-Dichloroethene	2.28	96	16481	0.985 ug/l	67
10) Iodomethane	2.41	142	6610	0.556 ug/l #	71
11) Allyl Chloride	2.59	41	22659	0.807 ug/l	83
12) Acrylonitrile	2.93	53	7496	1.998 ug/l	96
13) Acetone	2.32	43	15537	4.298 ug/l #	67
14) Carbon Disulfide	2.47	76	52889	0.895 ug/l	98
15) Methylene Chloride	2.70	84	21370	1.053 ug/l #	71
16) trans-1,2-Dichloroethene	2.98	96	18539	0.991 ug/l #	72
17) 1,1-Dichloroethane	3.44	63	28854	0.973 ug/l	95
18) 2-Butanone	4.28	43	20436	5.058 ug/l	99
19) Cyclohexane	4.99	56	20956	0.762 ug/l	86
20) Methylcyclohexane	6.41	83	28253	0.978 ug/l #	84
21) 2,2-Dichloropropane	4.22	77	23923	0.871 ug/l #	86
22) cis-1,2-Dichloroethene	4.22	96	18020	1.022 ug/l	77
23) Diethyl Ether	2.10	59	12013	0.894 ug/l	88
24) tert-Butyl Alcohol	2.83	59	13042	9.338 ug/l	99
25) Methyl tert-Butyl Ether	3.00	73	42347	0.899 ug/l #	78
26) Bromochloromethane	4.54	128	8038	1.032 ug/l	71
27) Chloroform	4.67	83	28988	1.005 ug/l	96
28) 1,1,1-Trichloroethane	4.91	97	24807	0.928 ug/l	94
29) 1,1-Dichloropropene	5.13	75	21707	0.935 ug/l	91
30) Carbon Tetrachloride	5.13	117	21159	0.874 ug/l	97
31) Isopropyl Ether	3.58	45	41215	0.921 ug/l	89
32) Ethyl-t-butyl ether	4.07	59	40616	0.906 ug/l #	87
33) Tert-Amyl methyl ether	5.58	73	38150	0.941 ug/l	98
34) Propionitrile	4.34	54	5043	4.748 ug/l #	77
35) Benzene	5.39	78	65164	1.015 ug/l	100
36) 1,2-Dichloroethane	5.41	62	17828	0.918 ug/l #	84
37) Trichloroethene	6.18	130	19600	1.064 ug/l	85
38) 1,2-Dichloropropane	6.43	63	16058	0.962 ug/l #	87
39) Methacrylonitrile	4.56	41	5004	0.920 ug/l	91
40) Methyl acrylate	4.43	55	7449	0.907 ug/l #	72
41) Tetrahydrofuran	4.65	42	5356	1.955 ug/l	92
42) 1-Chlorobutane	5.06	56	28800	0.926 ug/l	86

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ALS Vial : 7 Sample Multiplier: 1

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MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2019

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Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Feb 08 10:52:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.56	93	8890	0.999	ug/l	92
44) Bromodichloromethane	6.76	83	20120	0.887	ug/l	98
45) 4-Methyl-2-Pentanone	7.46	43	43582	4.179	ug/l #	90
46) t-1,4-Dichloro-2-butene	10.49	75	16686	3.284	ug/l #	40
47) Methyl methacrylate	6.63	69	13621	1.740	ug/l #	74
48) Ethyl methacrylate	8.02	69	13467	0.802	ug/l	80
49) Toluene	7.64	92	40175	0.978	ug/l	98
50) t-1,3-Dichloropropene	7.88	75	17484	0.787	ug/l	94
51) cis-1,3-Dichloropropene	7.27	75	22234	0.842	ug/l #	85
52) 1,1,2-Trichloroethane	8.07	97	12660	1.075	ug/l	94
53) 1,3-Dichloropropane	8.24	76	20840	1.007	ug/l	98
54) 2-Hexanone	8.37	43	30092	4.116	ug/l	88
55) Dibromochloromethane	8.47	129	13595	0.812	ug/l	97
56) 1,2-Dibromoethane	8.58	107	11922	0.987	ug/l	96
58) Tetrachloroethene	8.22	164	19738	1.152	ug/l	92
59) Chlorobenzene	9.12	112	46587	1.007	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.21	131	16455	0.963	ug/l	97
61) Pentachloroethane	11.10	117	11239	0.848	ug/l	93
62) Hexachloroethane	12.14	117	10204	0.706	ug/l	93
63) Ethyl Benzene	9.25	91	74884	0.932	ug/l	92
64) m/p-Xylenes	9.37	106	60486	1.937	ug/l	83
65) o-Xylene	9.78	106	29168	0.952	ug/l	86
66) Styrene	9.79	104	45985	0.900	ug/l #	91
67) Bromoform	9.96	173	8371	0.804	ug/l	95
69) Isopropylbenzene	10.16	105	75484	0.922	ug/l	94
70) 1,1,2,2-Tetrachloroethane	10.46	83	14713	0.975	ug/l	96
71) 1,2,3-Trichloropropane	10.49	75	16686	1.609	ug/l #	89
72) Bromobenzene	10.45	156	20386	1.027	ug/l	81
73) n-propylbenzene	10.58	120	20290	0.890	ug/l	91
74) 2-Chlorotoluene	10.66	126	19074	0.982	ug/l	80
75) 1,3,5-Trimethylbenzene	10.77	105	62509	0.885	ug/l	96
76) 4-Chlorotoluene	10.77	126	19641	0.974	ug/l	71
77) tert-Butylbenzene	11.10	119	63894	0.916	ug/l	92
78) 1,2,4-Trimethylbenzene	11.14	105	64178	0.898	ug/l	94
79) sec-Butylbenzene	11.32	105	86581	0.948	ug/l	96
80) Nitrobenzene	12.87	77	231	0.343	ug/l #	43
81) p-Isopropyltoluene	11.47	119	70432	0.910	ug/l	94
82) 1,3-Dichlorobenzene	11.41	146	39287	1.009	ug/l	96
83) 1,4-Dichlorobenzene	11.51	146	37124	0.957	ug/l	97
84) n-Butylbenzene	11.89	91	59907	0.843	ug/l	95
85) 1,2-Dichlorobenzene	11.88	146	37931	1.030	ug/l	97
86) 1,2-Dibromo-3-Chloropropan	12.66	75	1972	0.700	ug/l #	63
87) 1,2,4-Trichlorobenzene	13.50	180	23569	0.911	ug/l	98
88) Hexachlorobutadiene	13.69	225	15483	1.034	ug/l	99
89) Naphthalene	13.75	128	37016	0.844	ug/l	96
90) 1,2,3-Trichlorobenzene	13.99	180	22639	0.958	ug/l	98

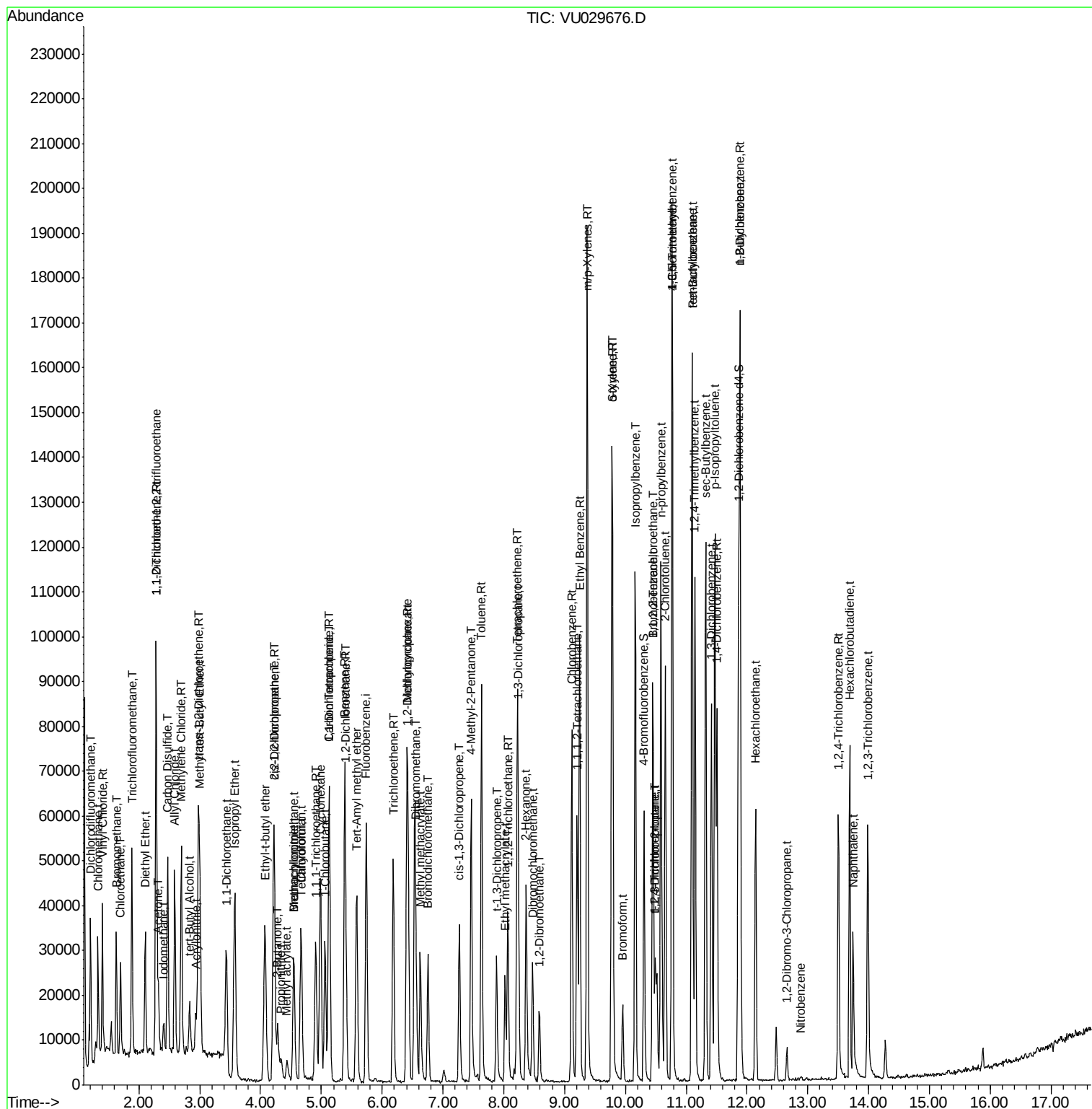
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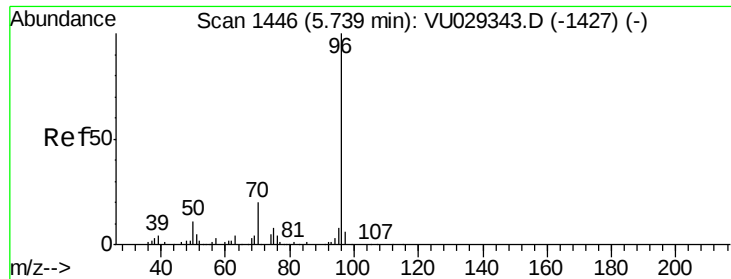
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#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 5.74 min Scan# 1446

Delta R.T. 0.00 min

Lab File: VU029676.D

Acq: 26 Feb 2019 12:35

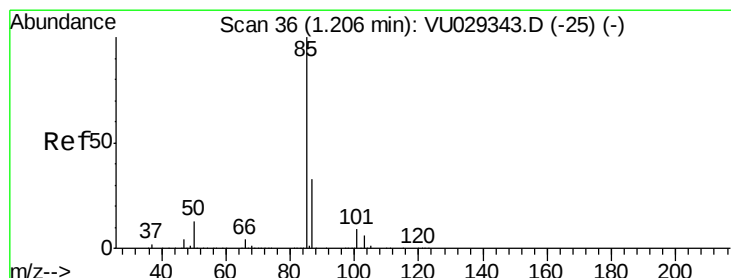
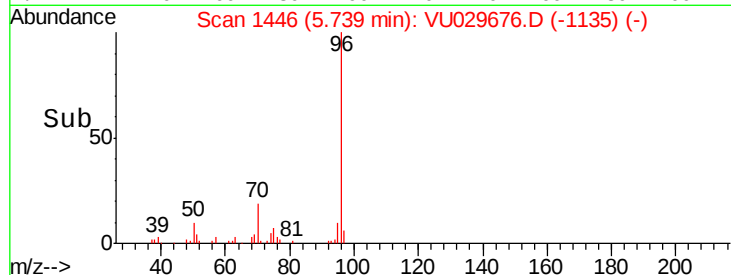
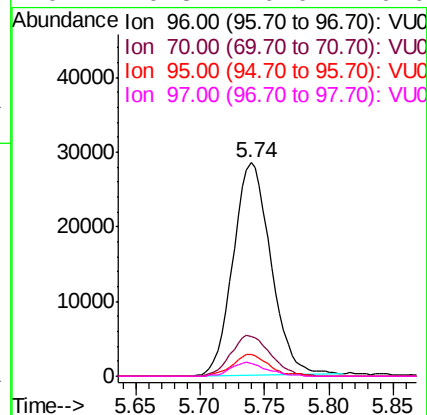
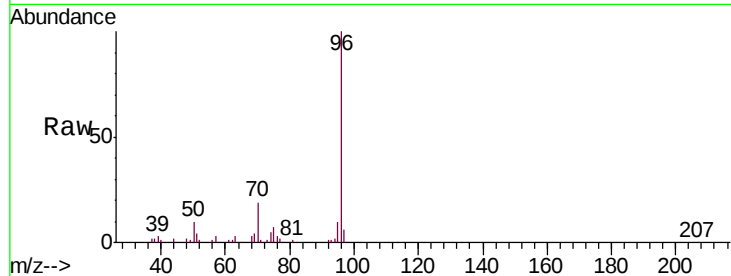
Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT1-2019

Tgt Ion:	96	Resp:	58018
Ion	Ratio	Lower	Upper
96	100		
70	20.1	16.2	24.2
95	9.7	7.4	11.2
97	6.3	0.0	0.0#



#2

Dichlorodifluoromethane

Concen: 0.915 ug/l

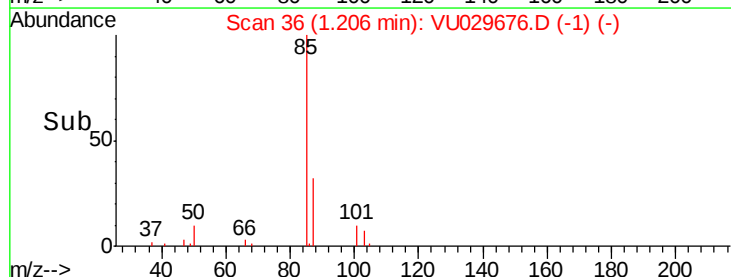
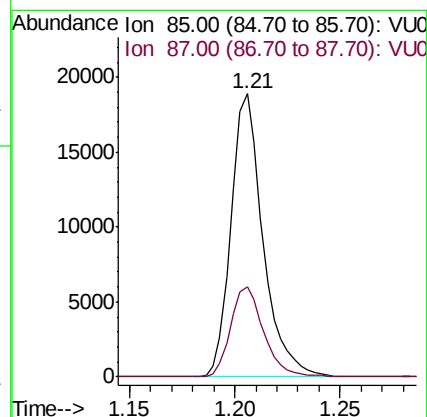
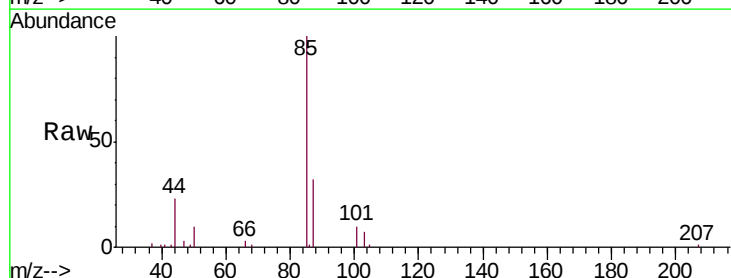
RT: 1.21 min Scan# 36

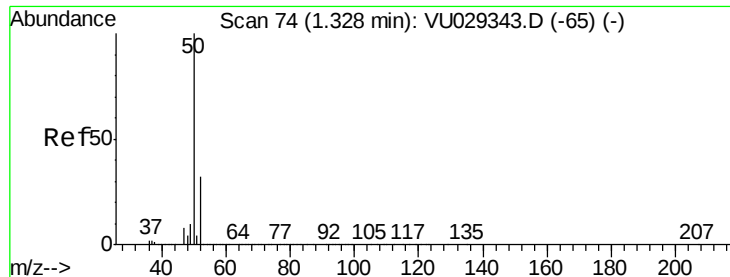
Delta R.T. 0.00 min

Lab File: VU029676.D

Acq: 26 Feb 2019 12:35

Tgt Ion:	85	Resp:	19813
Ion	Ratio	Lower	Upper
85	100		
87	31.8	15.9	47.6





#3

Chloromethane

Concen: 0.831 ug/l

RT: 1.33 min Scan# 74

Delta R.T. 0.00 min

Lab File: VU029676.D

Acq: 26 Feb 2019 12:35

Instrument :

MSVOA_U

ClientSampleId :

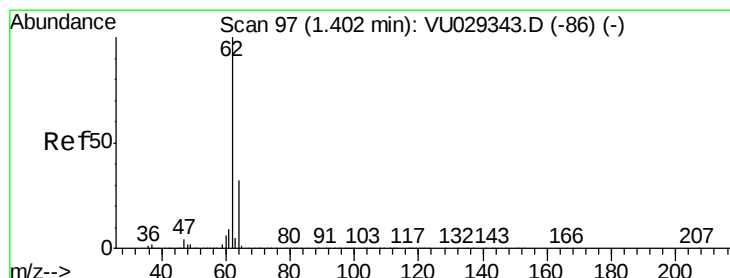
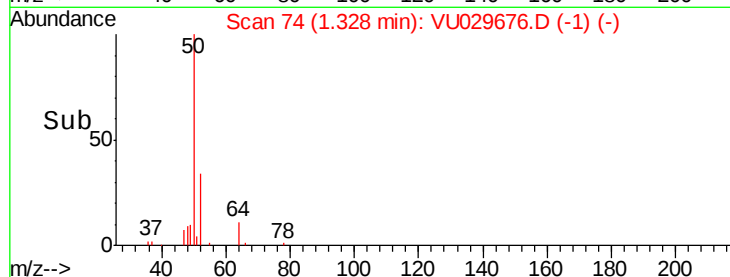
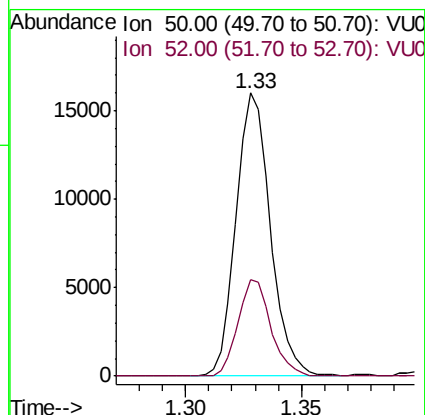
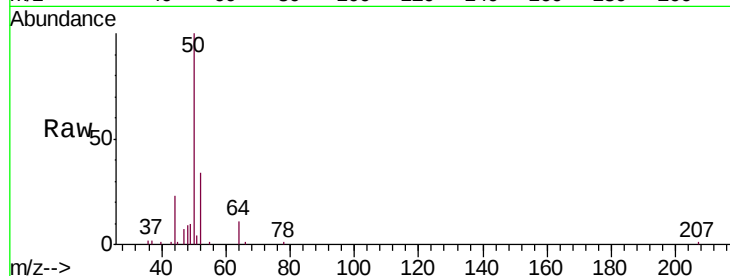
LOQ-WATER-02-QT1-2019

Tgt Ion: 50 Resp: 16442

Ion Ratio Lower Upper

50 100

52 34.0 27.3 40.9



#4

Vinyl Chloride

Concen: 0.890 ug/l

RT: 1.40 min Scan# 97

Delta R.T. 0.00 min

Lab File: VU029676.D

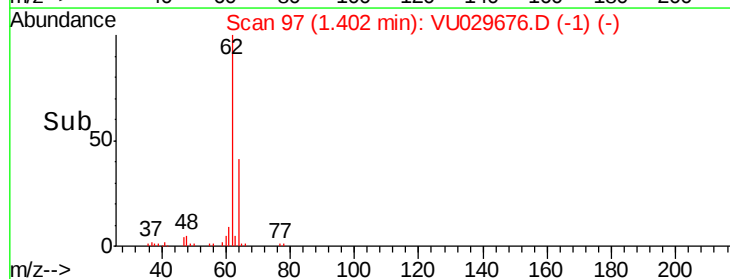
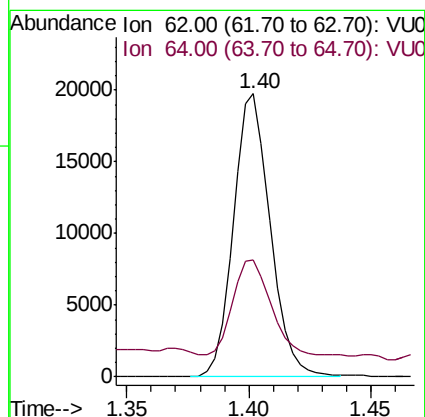
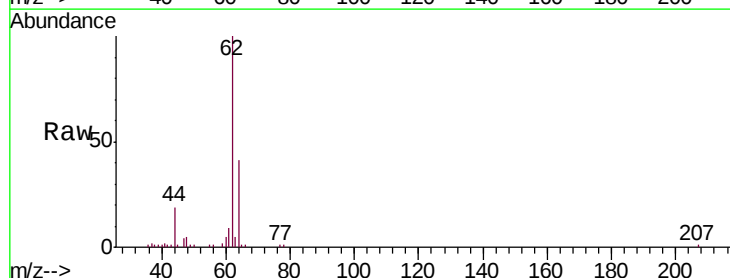
Acq: 26 Feb 2019 12:35

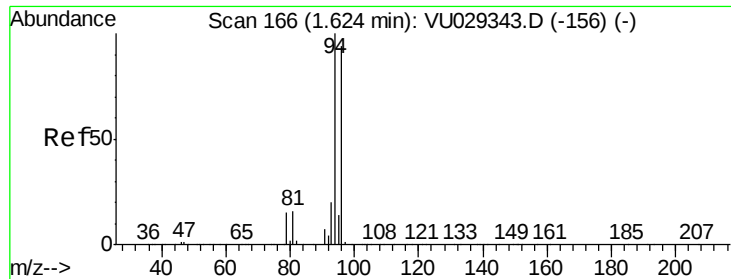
Tgt Ion: 62 Resp: 20637

Ion Ratio Lower Upper

62 100

64 33.5 25.2 37.8





#5

Bromomethane

Concen: 0.937 ug/l

RT: 1.63 min Scan# 167

Delta R.T. 0.00 min

Lab File: VU029676.D

Acq: 26 Feb 2019 12:35

Instrument :

MSVOA_U

ClientSampleId :

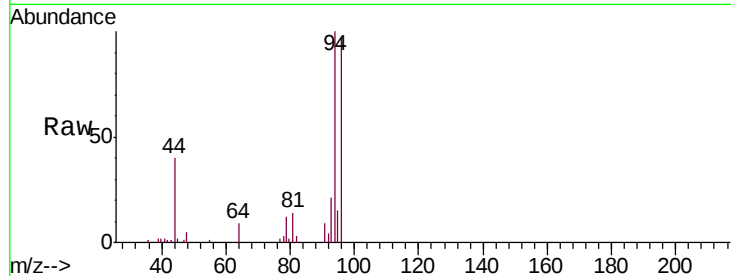
LOQ-WATER-02-QT1-2019

Tgt Ion: 94 Resp: 12084

Ion Ratio Lower Upper

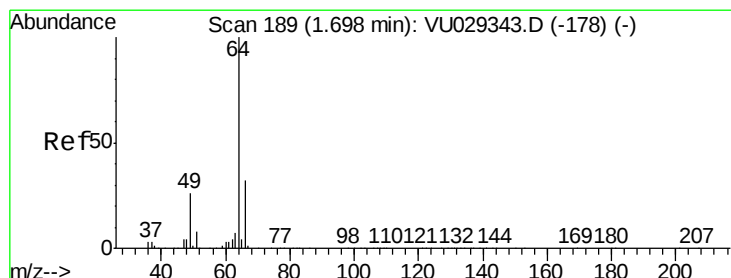
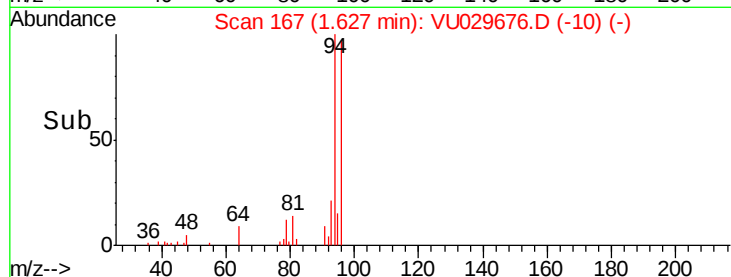
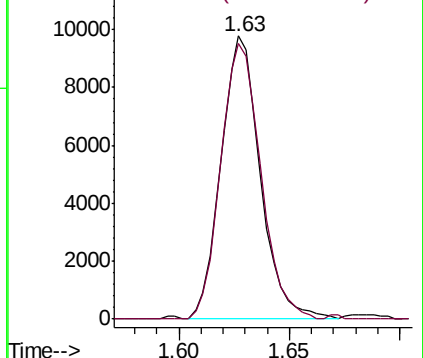
94 100

96 97.2 71.7 107.5



Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0



#6

Chloroethane

Concen: 0.931 ug/l

RT: 1.70 min Scan# 189

Delta R.T. 0.00 min

Lab File: VU029676.D

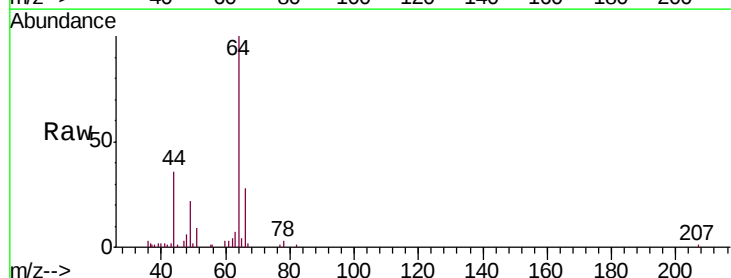
Acq: 26 Feb 2019 12:35

Tgt Ion: 64 Resp: 12615

Ion Ratio Lower Upper

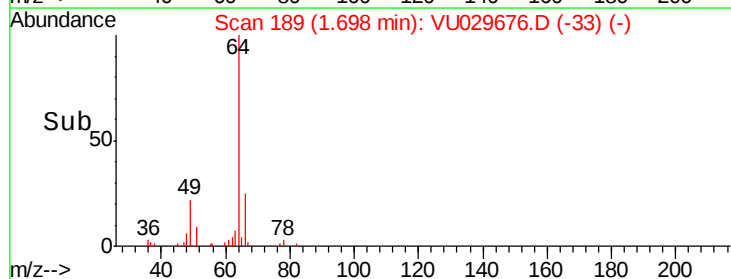
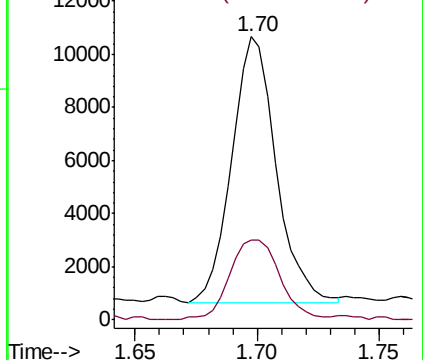
64 100

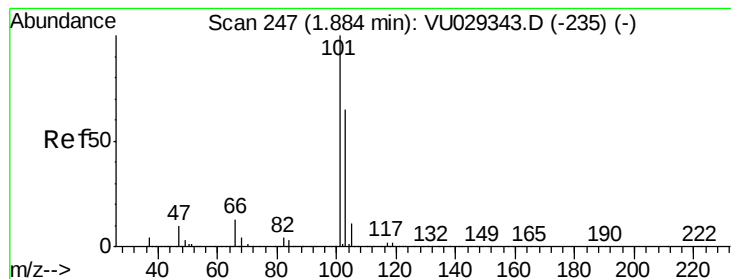
66 29.1 26.3 39.5



Abundance Ion 64.00 (63.70 to 64.70): VU0

Ion 66.00 (65.70 to 66.70): VU0



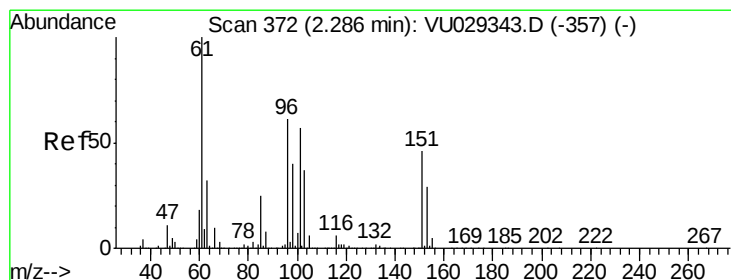
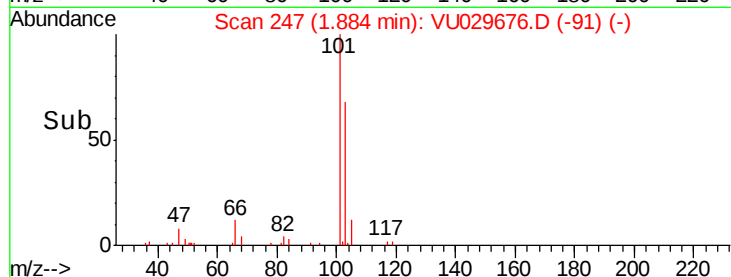
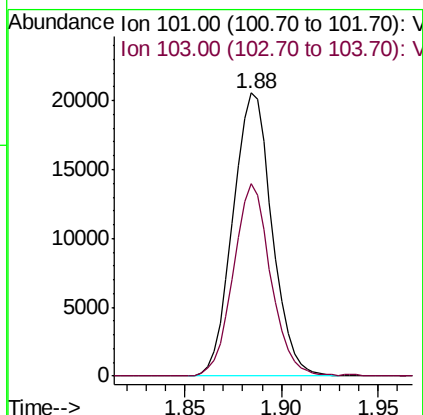
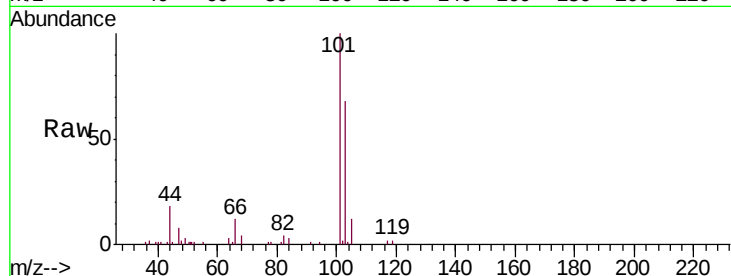


#7

Trichlorofluoromethane
 Concen: 0.891 ug/l
 RT: 1.88 min Scan# 247
 Delta R.T. 0.00 min
 Lab File: VU029676.D
 Acq: 26 Feb 2019 12:35

Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT1-2019

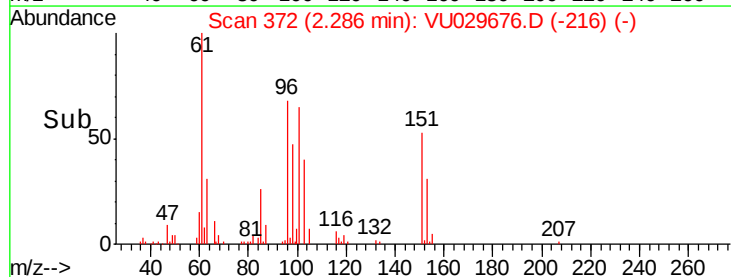
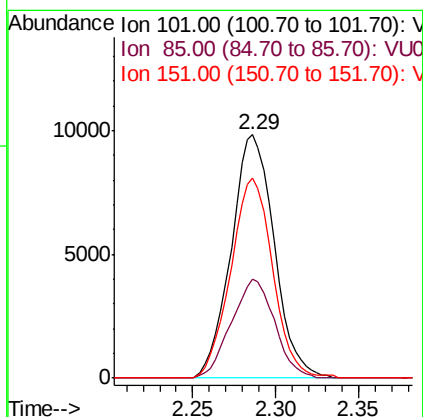
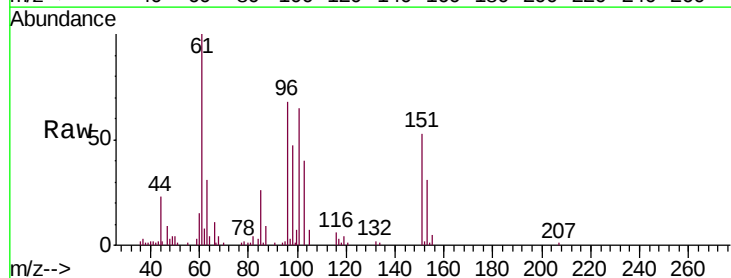
Tgt Ion:101 Resp: 28858
 Ion Ratio Lower Upper
 101 100
 103 67.9 53.9 80.9

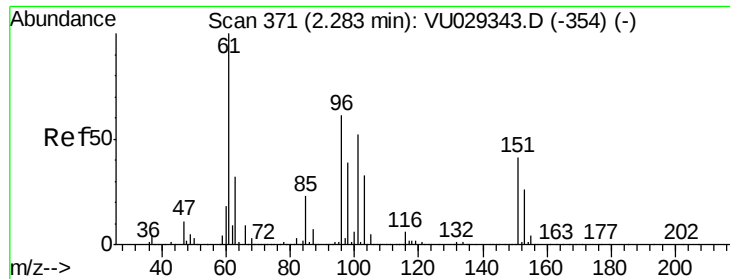


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.038 ug/l
 RT: 2.29 min Scan# 372
 Delta R.T. 0.00 min
 Lab File: VU029676.D
 Acq: 26 Feb 2019 12:35

Tgt Ion:101 Resp: 17759
 Ion Ratio Lower Upper
 101 100
 85 40.8 40.3 60.5
 151 80.0 58.1 87.1

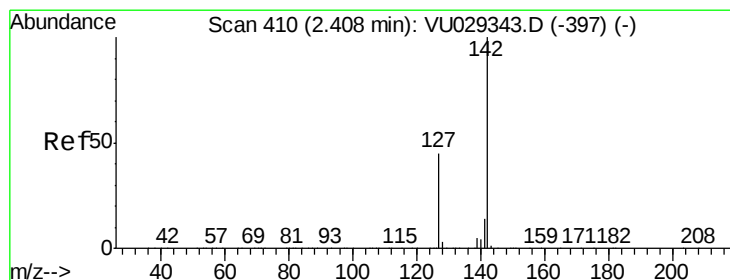
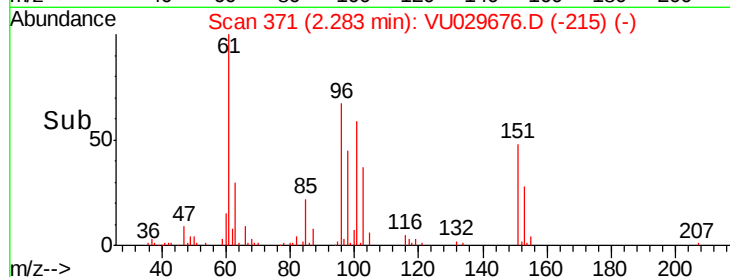
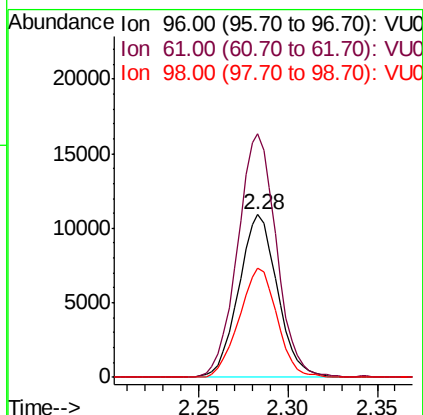
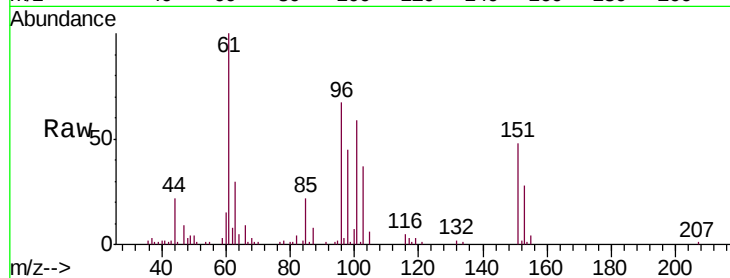




#9
1,1-Dichloroethene
Concen: 0.985 ug/l
RT: 2.28 min Scan# 371
Delta R.T. 0.00 min
Lab File: VU029676.D
Acq: 26 Feb 2019 12:35

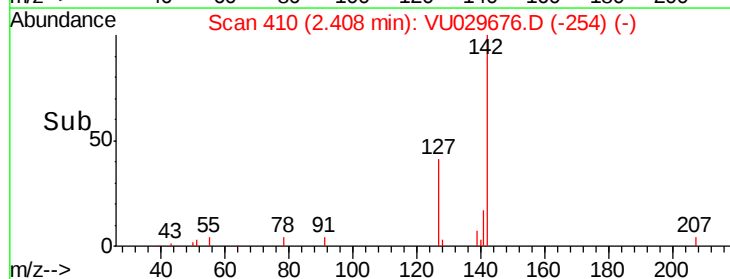
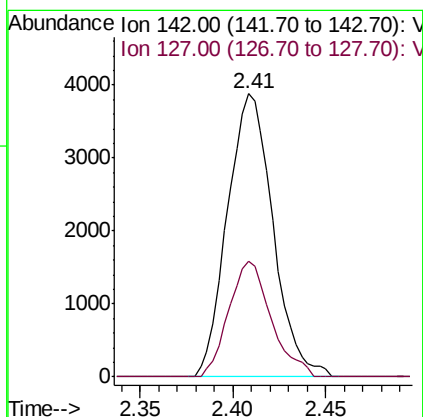
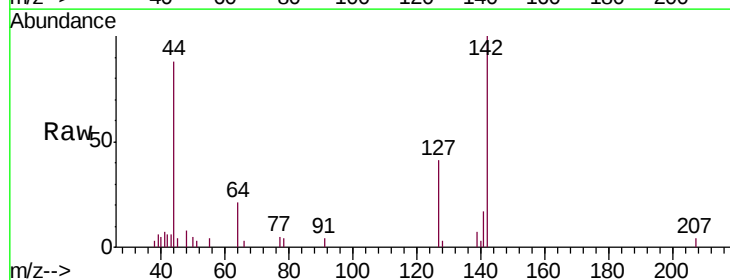
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2019

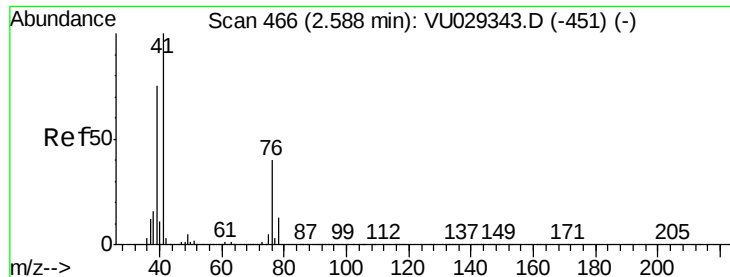
Tgt Ion: 96 Resp: 16481
Ion Ratio Lower Upper
96 100
61 149.8 0.0 641.4
98 67.4 0.0 122.6



#10
Iodomethane
Concen: 0.556 ug/l
RT: 2.41 min Scan# 410
Delta R.T. 0.00 min
Lab File: VU029676.D
Acq: 26 Feb 2019 12:35

Tgt Ion: 142 Resp: 6610
Ion Ratio Lower Upper
142 100
127 38.0 47.6 71.4#

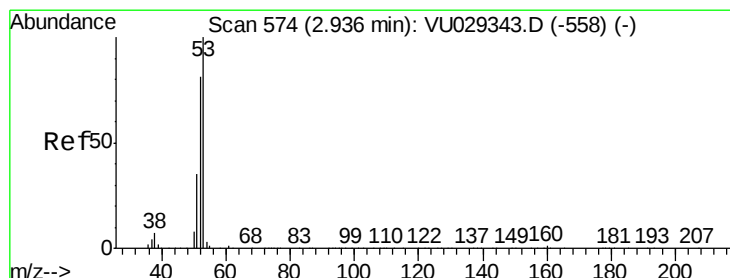
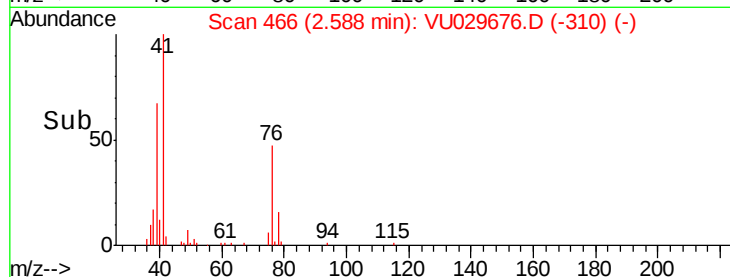
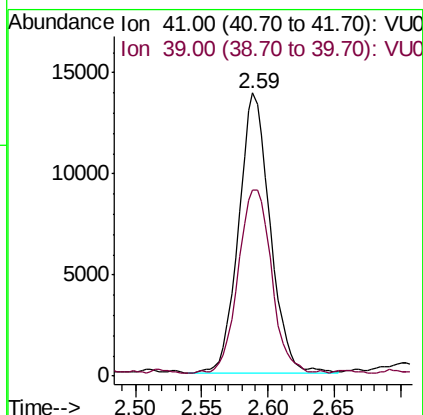
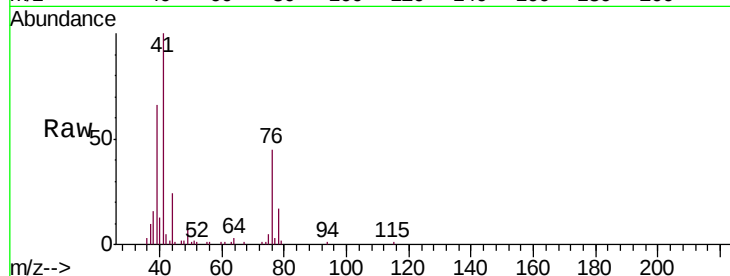




#11
 Allyl Chloride
 Concen: 0.807 ug/l
 RT: 2.59 min Scan# 466
 Delta R.T. 0.00 min
 Lab File: VU029676.D
 Acq: 26 Feb 2019 12:35

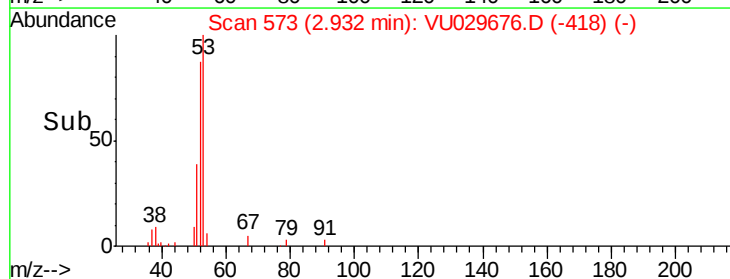
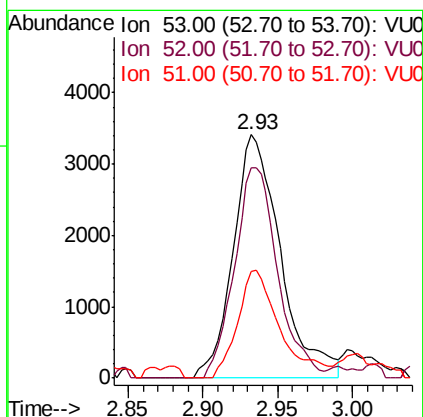
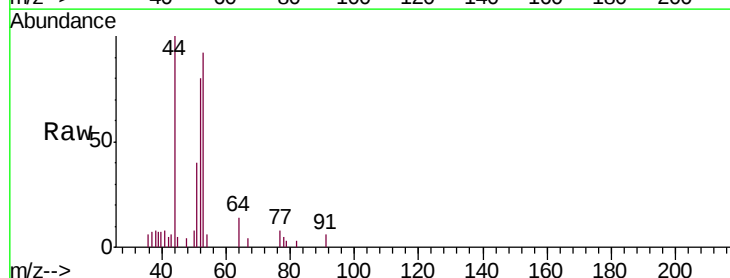
Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT1-2019

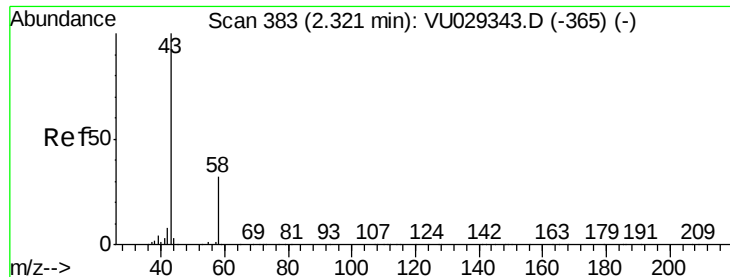
Tgt Ion: 41 Resp: 22659
 Ion Ratio Lower Upper
 41 100
 39 68.7 67.2 100.8



#12
 Acrylonitrile
 Concen: 1.998 ug/l
 RT: 2.93 min Scan# 573
 Delta R.T. -0.00 min
 Lab File: VU029676.D
 Acq: 26 Feb 2019 12:35

Tgt Ion: 53 Resp: 7496
 Ion Ratio Lower Upper
 53 100
 52 79.3 67.6 101.4
 51 39.5 31.0 46.4





#13

Acetone

Concen: 4.298 ug/l

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VU029676.D

Acq: 26 Feb 2019 12:35

Instrument :

MSVOA_U

ClientSampleId :

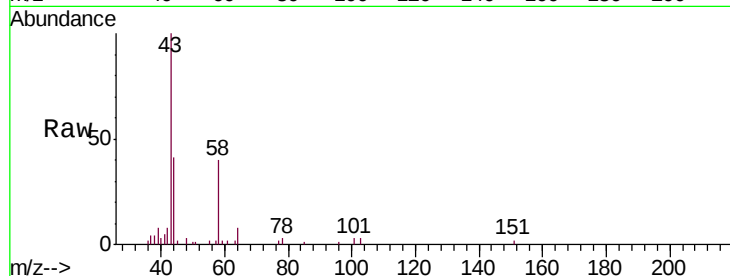
LOQ-WATER-02-QT1-2019

Tgt Ion: 43 Resp: 15537

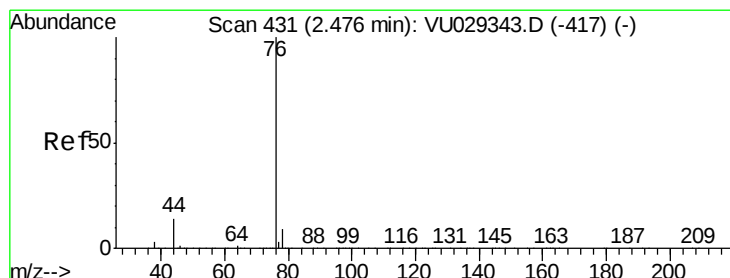
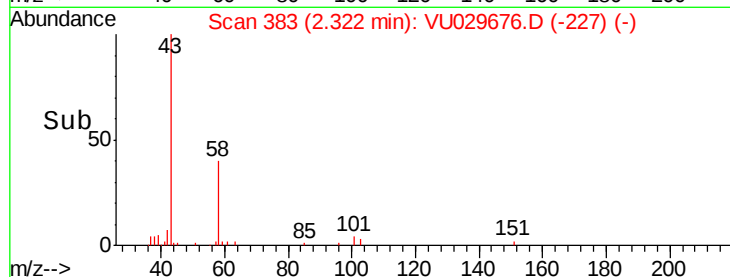
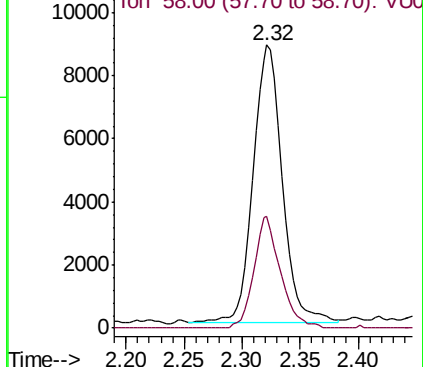
Ion Ratio Lower Upper

43 100

58 40.3 19.2 28.8#



Abundance Ion 43.00 (42.70 to 43.70): VU029343.D (-365) (-)



#14

Carbon Disulfide

Concen: 0.895 ug/l

RT: 2.47 min Scan# 430

Delta R.T. -0.00 min

Lab File: VU029676.D

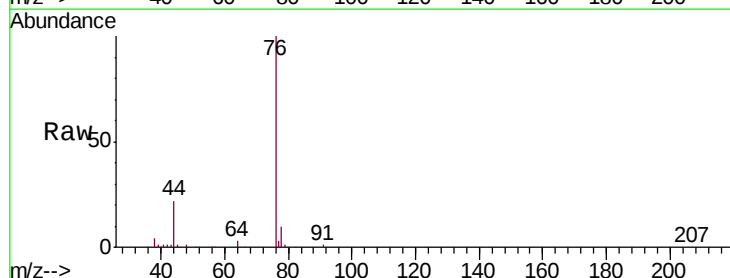
Acq: 26 Feb 2019 12:35

Tgt Ion: 76 Resp: 52889

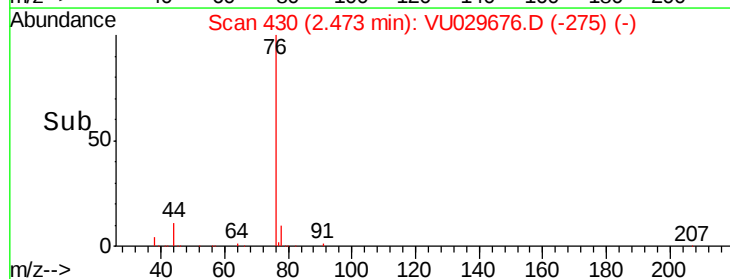
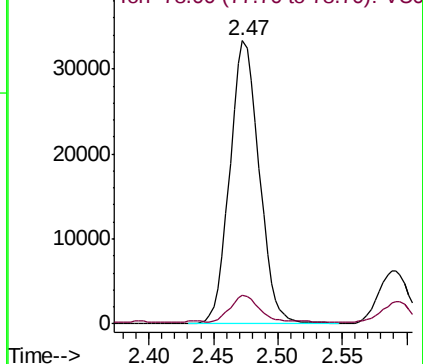
Ion Ratio Lower Upper

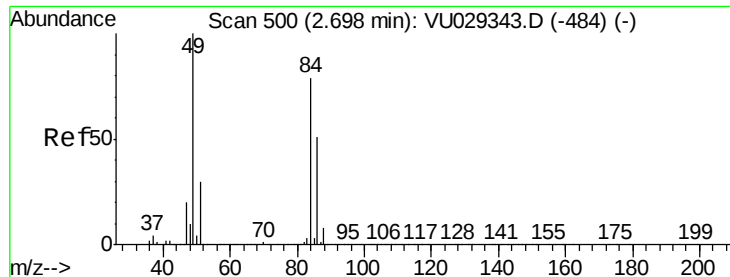
76 100

78 9.5 7.1 10.7



Abundance Ion 76.00 (75.70 to 76.70): VU029343.D (-417) (-)

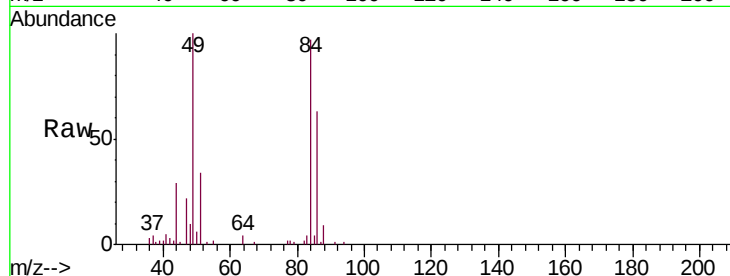




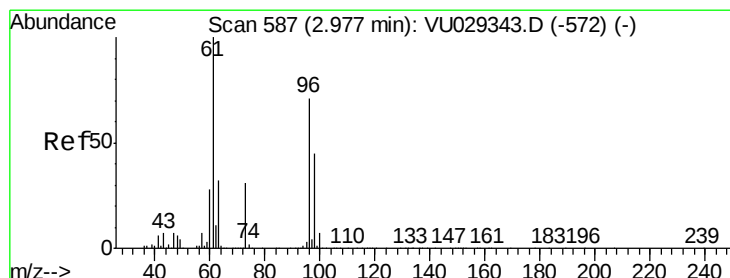
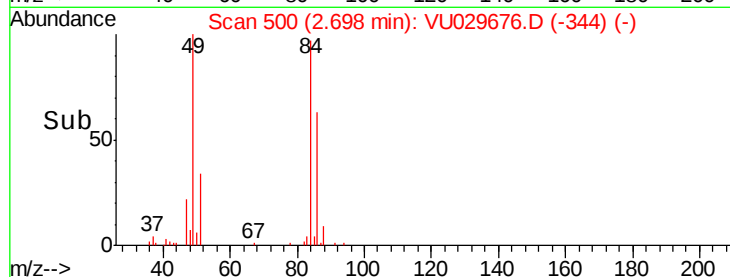
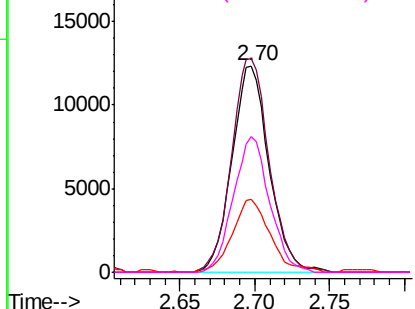
#15
Methylene Chloride
Concen: 1.053 ug/l
RT: 2.70 min Scan# 500
Delta R.T. 0.00 min
Lab File: VU029676.D
Acq: 26 Feb 2019 12:35

Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2019

Tgt Ion: 84 Resp: 21370
Ion Ratio Lower Upper
84 100
49 103.6 127.0 190.6#
51 35.2 0.0 93.4
86 65.8 50.6 75.8

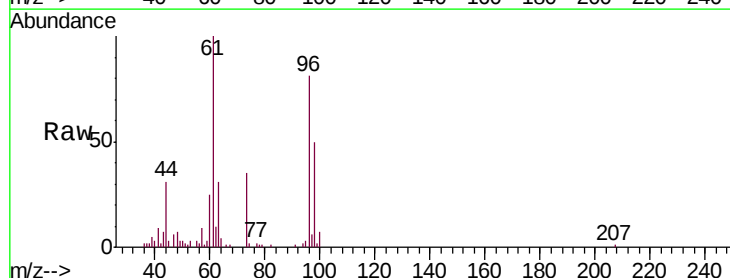


Abundance Ion 84.00 (83.70 to 84.70): VU0
Ion 49.00 (48.70 to 49.70): VU0
Ion 51.00 (50.70 to 51.70): VU0
Ion 86.00 (85.70 to 86.70): VU0

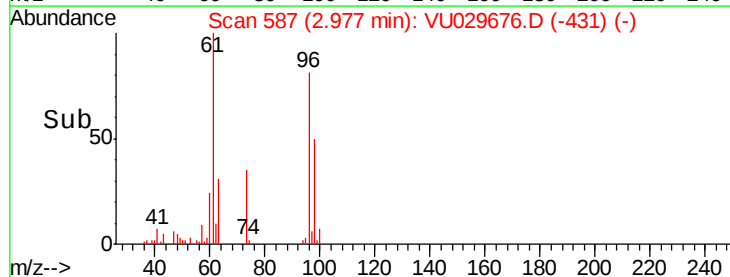
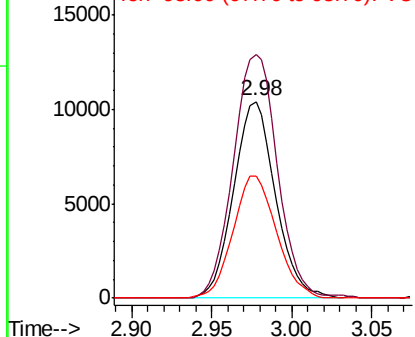


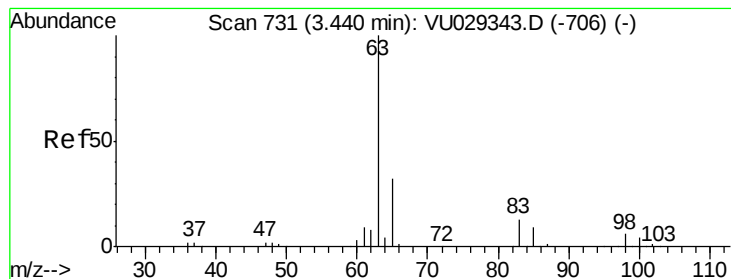
#16
trans-1,2-Dichloroethene
Concen: 0.991 ug/l
RT: 2.98 min Scan# 587
Delta R.T. 0.00 min
Lab File: VU029676.D
Acq: 26 Feb 2019 12:35

Tgt Ion: 96 Resp: 18539
Ion Ratio Lower Upper
96 100
61 123.7 140.6 210.8#
98 62.2 49.3 73.9



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: 0.973 ug/l

RT: 3.44 min Scan# 730

Delta R.T. -0.00 min

Lab File: VU029676.D

Acq: 26 Feb 2019 12:35

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT1-2019

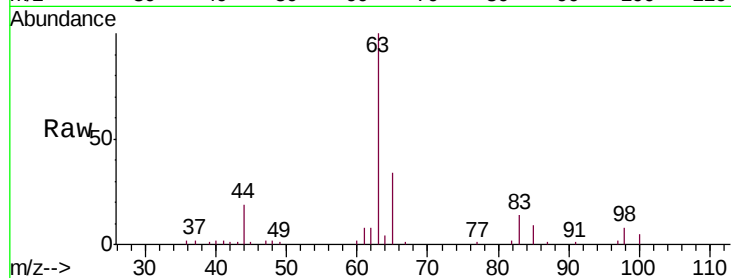
Tgt Ion: 63 Resp: 28854

Ion Ratio Lower Upper

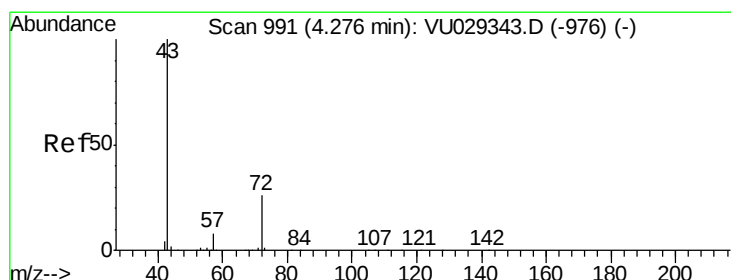
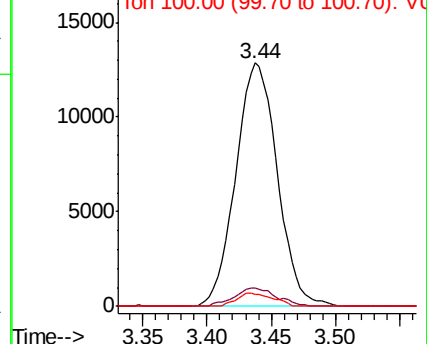
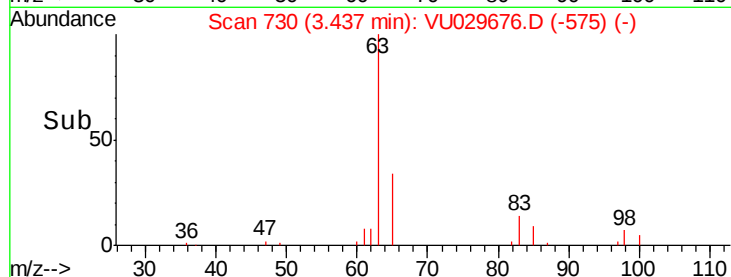
63 100

98 7.5 2.9 8.8

100 5.1 1.7 5.1



Abundance Ion 63.00 (62.70 to 63.70): VU029676.D (-575) (-)



#18

2-Butanone

Concen: 5.058 ug/l

RT: 4.28 min Scan# 992

Delta R.T. 0.00 min

Lab File: VU029676.D

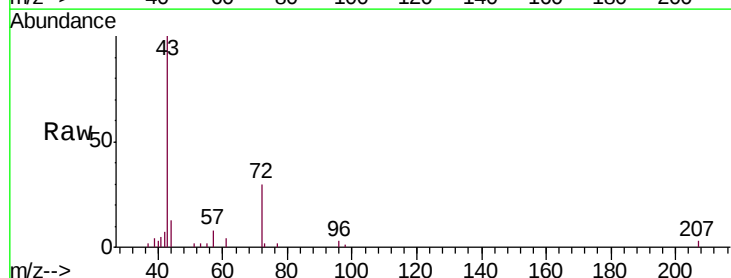
Acq: 26 Feb 2019 12:35

Tgt Ion: 43 Resp: 20436

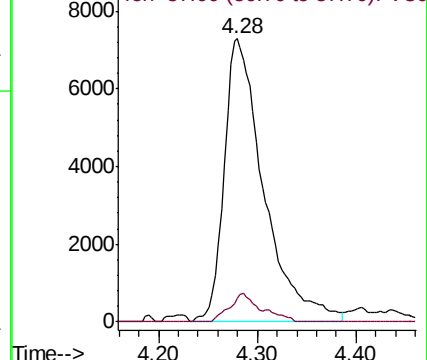
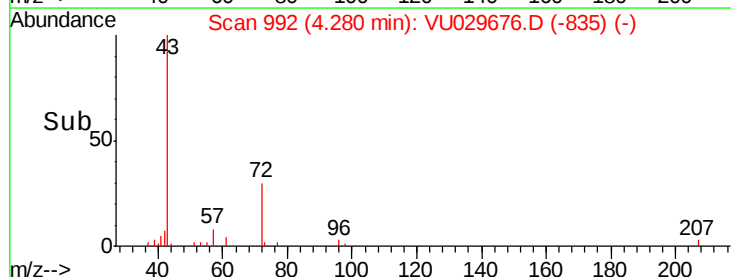
Ion Ratio Lower Upper

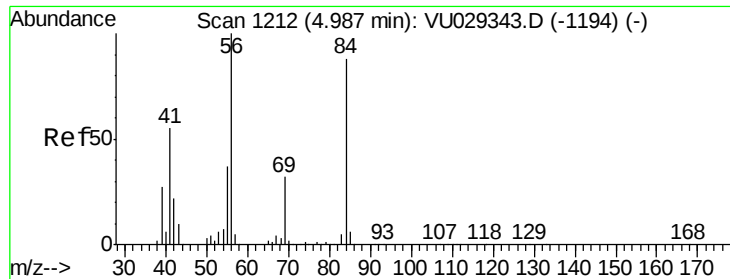
43 100

57 8.3 0.0 15.8



Abundance Ion 43.00 (42.70 to 43.70): VU029676.D (-835) (-)

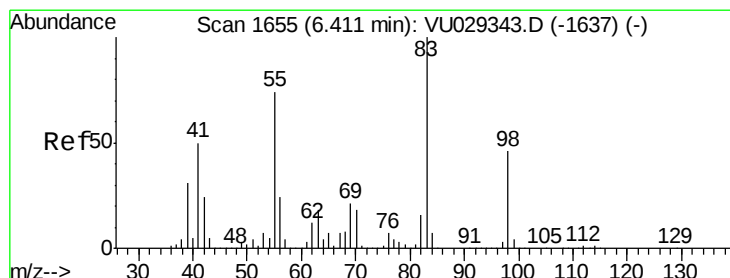
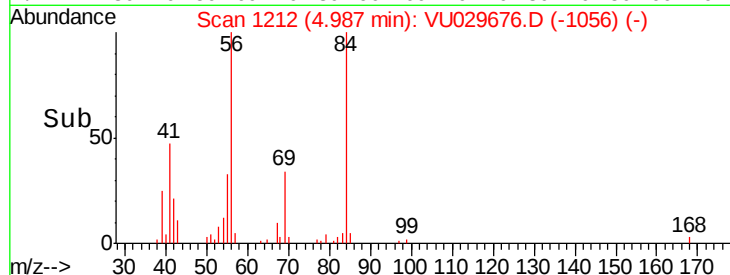
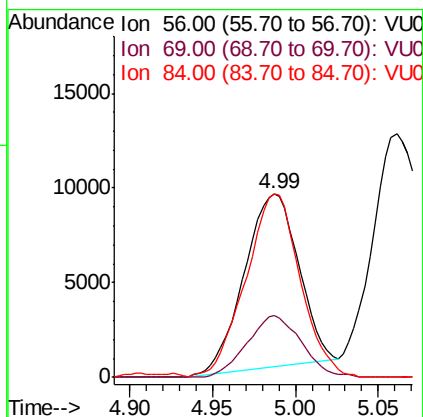
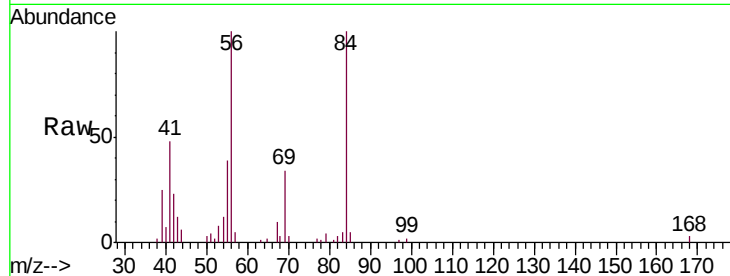




#19
Cyclohexane
Concen: 0.762 ug/l
RT: 4.99 min Scan# 1212
Delta R.T. 0.00 min
Lab File: VU029676.D
Acq: 26 Feb 2019 12:35

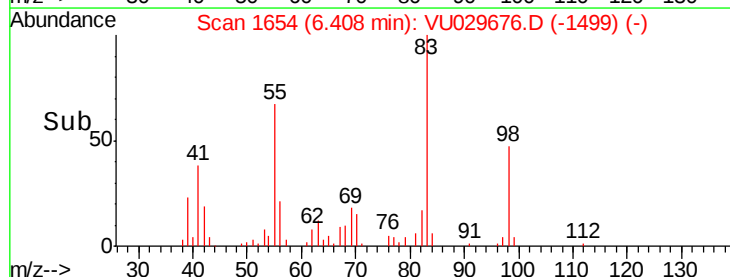
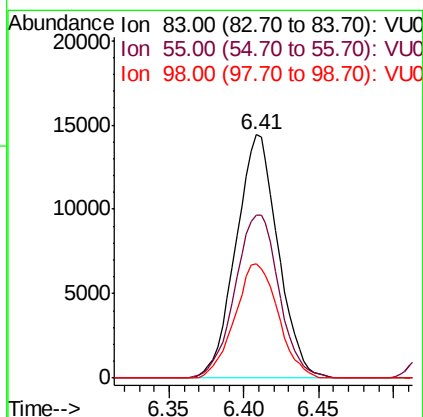
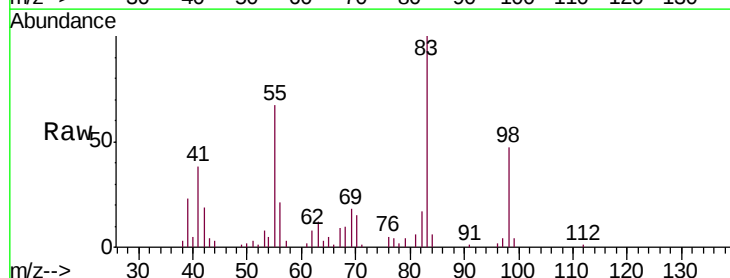
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2019

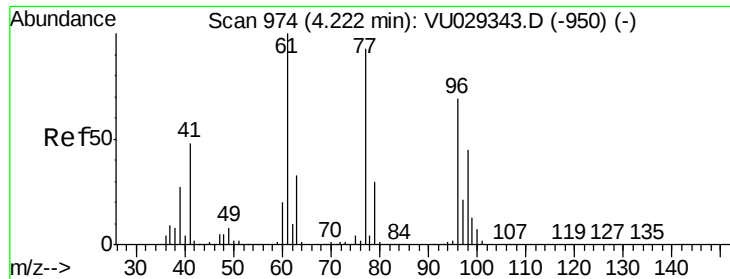
Tgt Ion: 56 Resp: 20956
Ion Ratio Lower Upper
56 100
69 35.7 26.8 40.2
84 105.8 71.5 107.3



#20
Methylcyclohexane
Concen: 0.978 ug/l
RT: 6.41 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VU029676.D
Acq: 26 Feb 2019 12:35

Tgt Ion: 83 Resp: 28253
Ion Ratio Lower Upper
83 100
55 70.2 72.4 108.6#
98 48.2 36.6 54.8





#21

2,2-Dichloropropane

Concen: 0.871 ug/l

RT: 4.22 min Scan# 974

Delta R.T. 0.00 min

Lab File: VU029676.D

Acq: 26 Feb 2019 12:35

Instrument :

MSVOA_U

ClientSampleId :

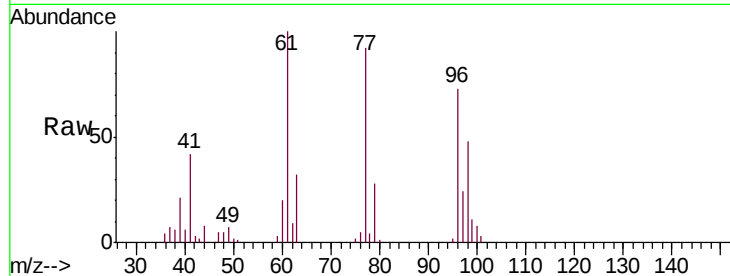
LOQ-WATER-02-QT1-2019

Tgt Ion: 77 Resp: 23923

Ion Ratio Lower Upper

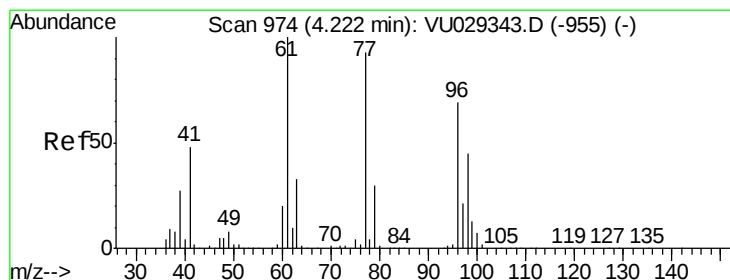
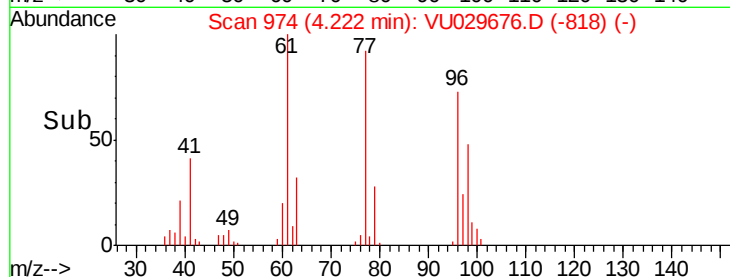
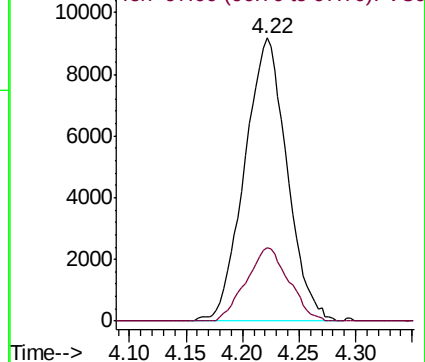
77 100

97 26.1 15.6 23.4#



Abundance Ion 77.00 (76.70 to 77.70): VU0

Ion 97.00 (96.70 to 97.70): VU0



#22

cis-1,2-Dichloroethene

Concen: 1.022 ug/l

RT: 4.22 min Scan# 975

Delta R.T. 0.00 min

Lab File: VU029676.D

Acq: 26 Feb 2019 12:35

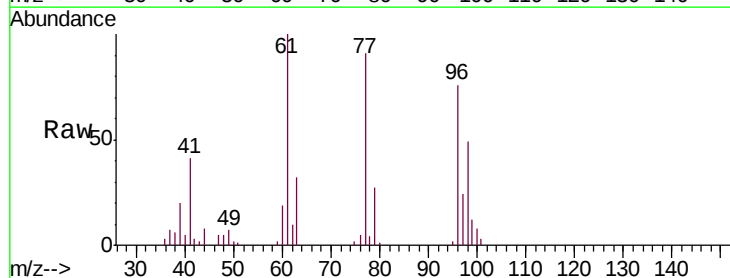
Tgt Ion: 96 Resp: 18020

Ion Ratio Lower Upper

96 100

61 140.6 0.0 460.0

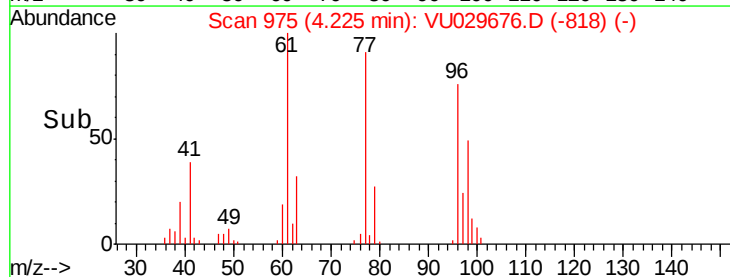
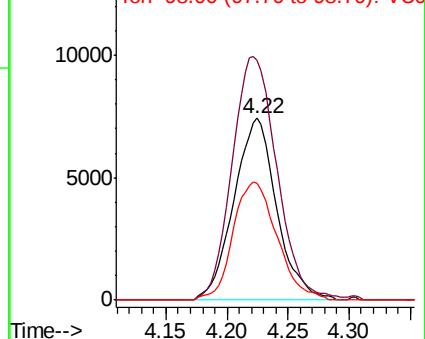
98 66.8 32.6 97.7

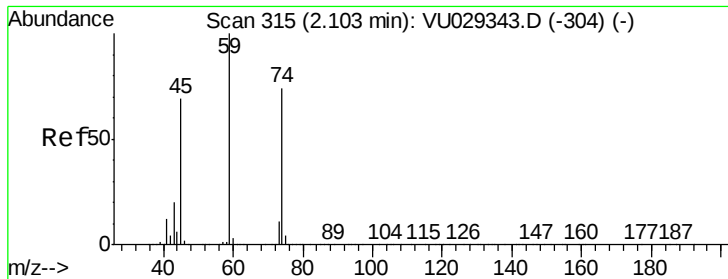


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

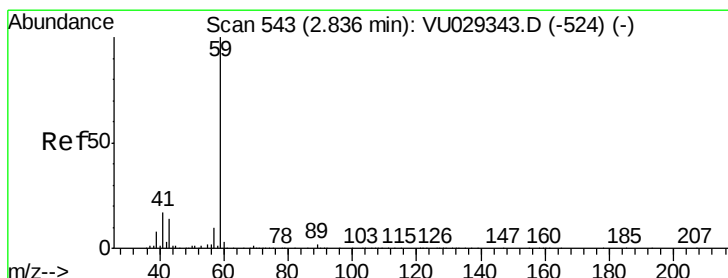
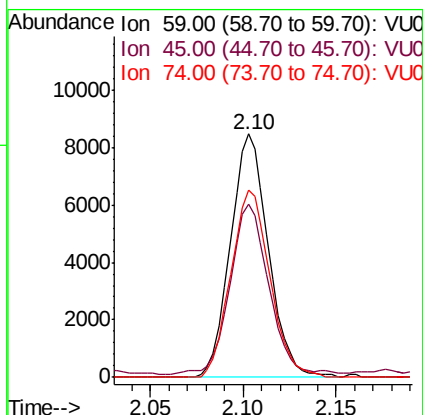
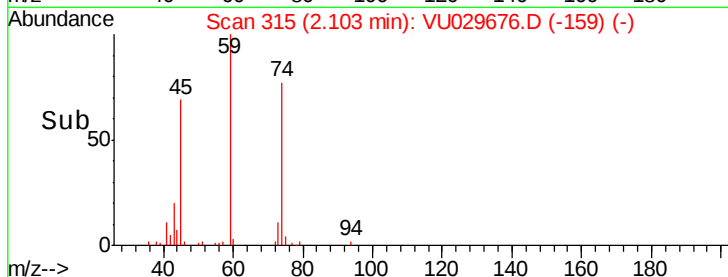
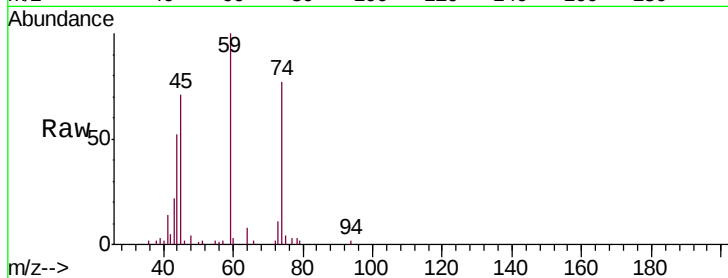




#23
Diethyl Ether
Concen: 0.894 ug/l
RT: 2.10 min Scan# 315
Delta R.T. 0.00 min
Lab File: VU029676.D
Acq: 26 Feb 2019 12:35

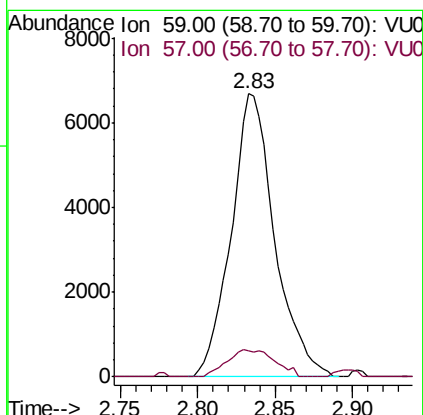
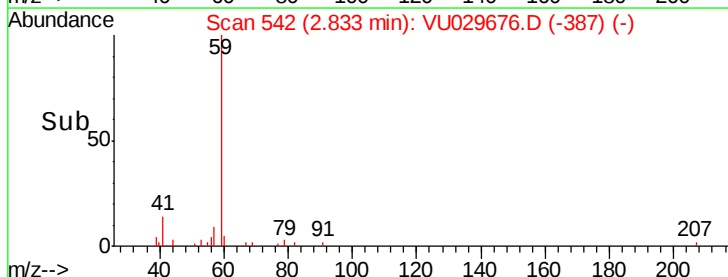
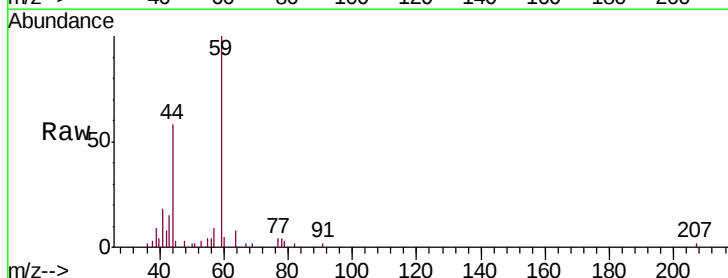
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2019

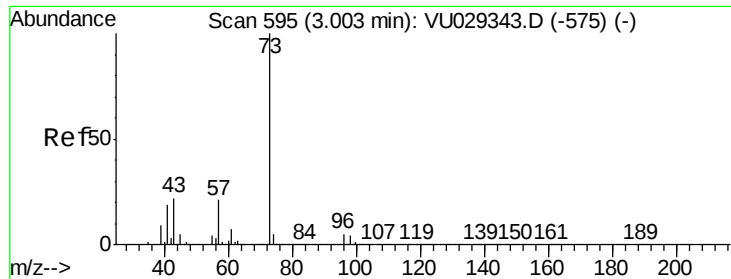
Tgt Ion: 59 Resp: 12013
Ion Ratio Lower Upper
59 100
45 70.5 64.2 96.4
74 79.4 55.3 82.9



#24
tert-Butyl Alcohol
Concen: 9.338 ug/l
RT: 2.83 min Scan# 542
Delta R.T. -0.00 min
Lab File: VU029676.D
Acq: 26 Feb 2019 12:35

Tgt Ion: 59 Resp: 13042
Ion Ratio Lower Upper
59 100
57 10.5 8.8 13.2





#25

Methyl tert-Butyl Ether

Concen: 0.899 ug/l

RT: 3.00 min Scan# 595

Delta R.T. 0.00 min

Lab File: VU029676.D

Acq: 26 Feb 2019 12:35

Instrument :

MSVOA_U

ClientSampleId :

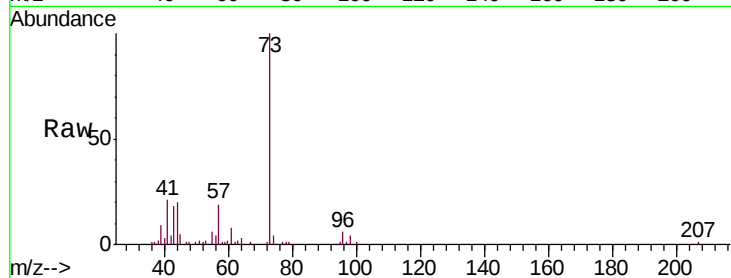
LOQ-WATER-02-QT1-2019

Tgt Ion: 73 Resp: 42347

Ion Ratio Lower Upper

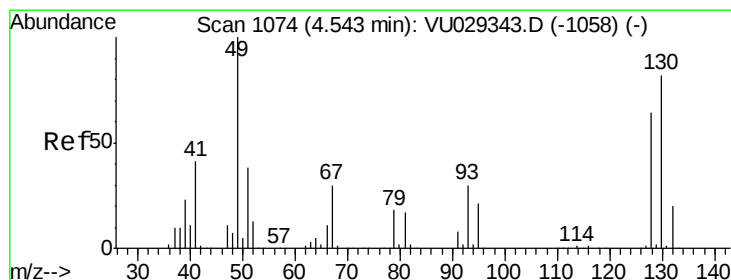
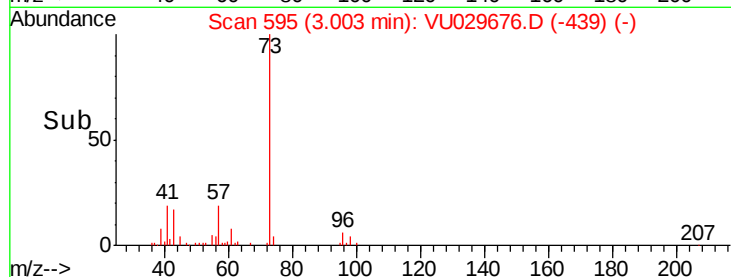
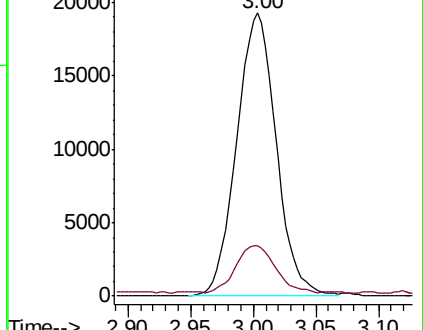
73 100

43 16.3 22.1 33.1#



Abundance Ion 73.00 (72.70 to 73.70): VU029676.D (-439) (-)

Ion 43.00 (42.70 to 43.70): VU029676.D (-439) (-)



#26

Bromochloromethane

Concen: 1.032 ug/l

RT: 4.54 min Scan# 1073

Delta R.T. -0.00 min

Lab File: VU029676.D

Acq: 26 Feb 2019 12:35

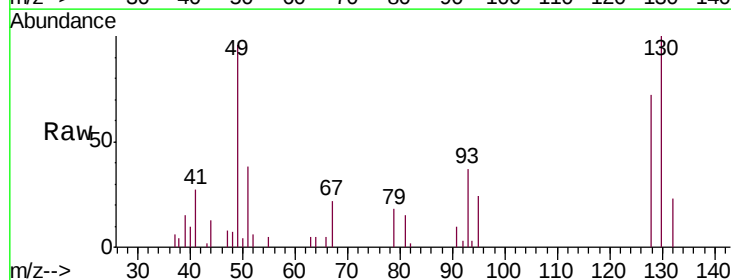
Tgt Ion: 128 Resp: 8038

Ion Ratio Lower Upper

128 100

49 129.5 0.0 401.6

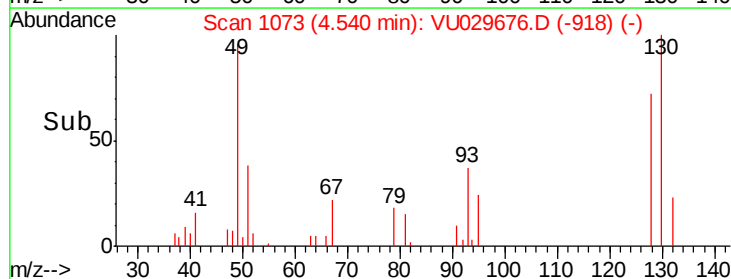
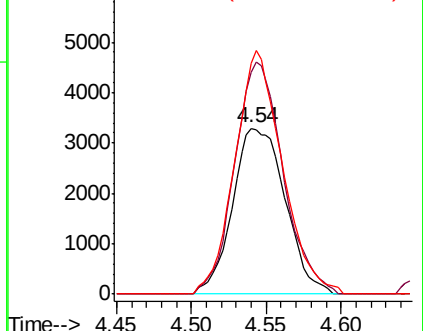
130 132.7 108.0 162.0

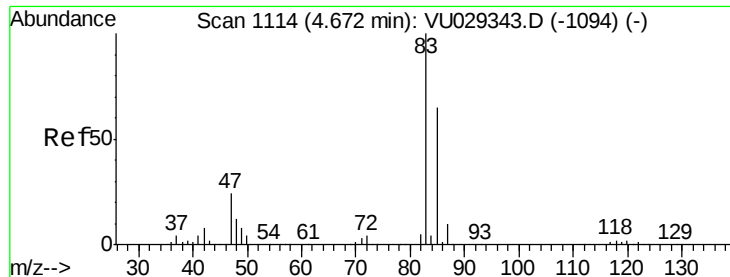


Abundance Ion 128.00 (127.70 to 128.70): VU029676.D (-918) (-)

Ion 49.00 (48.70 to 49.70): VU029676.D (-918) (-)

Ion 130.00 (129.70 to 130.70): VU029676.D (-918) (-)

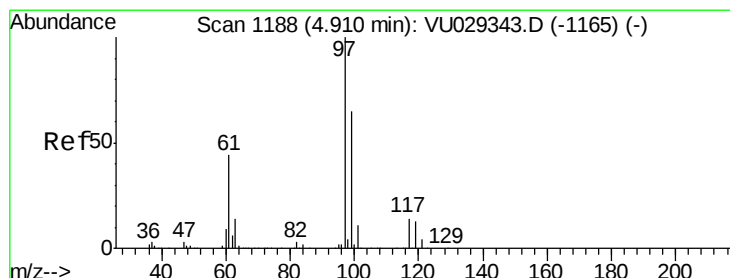
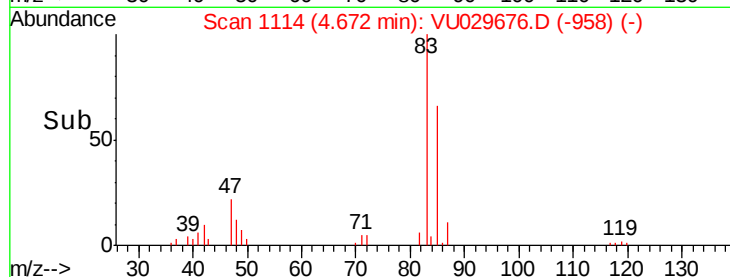
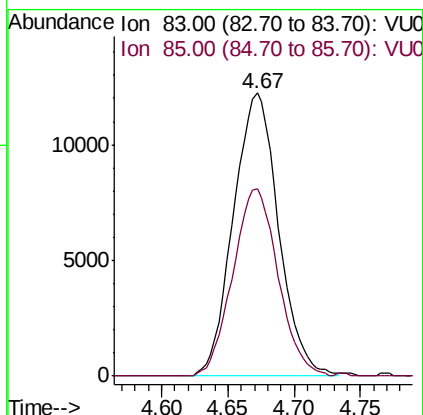
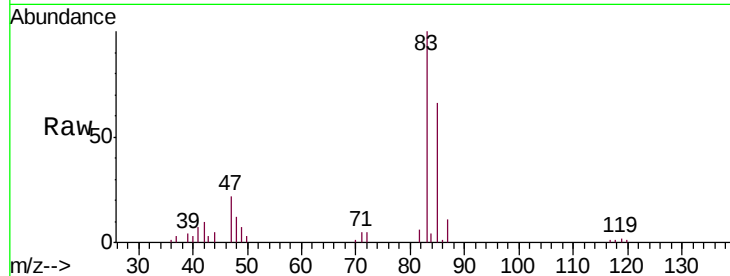




#27
Chloroform
Concen: 1.005 ug/l
RT: 4.67 min Scan# 1114
Delta R.T. 0.00 min
Lab File: VU029676.D
Acq: 26 Feb 2019 12:35

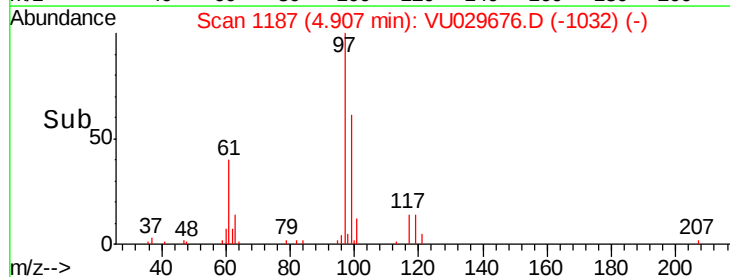
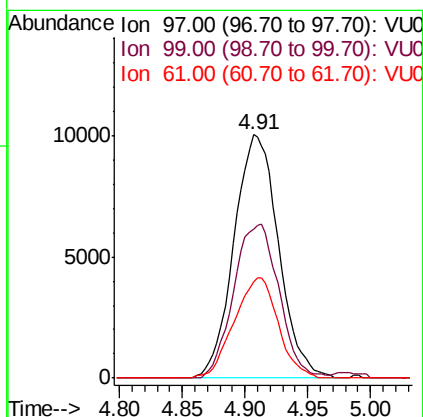
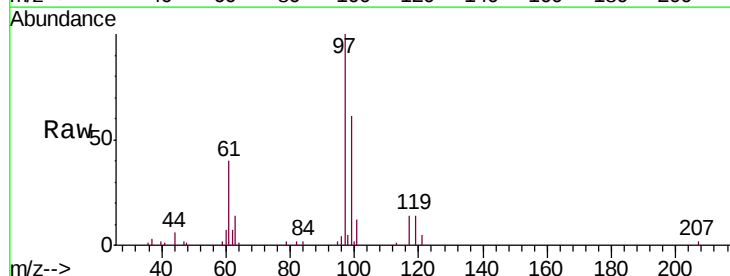
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2019

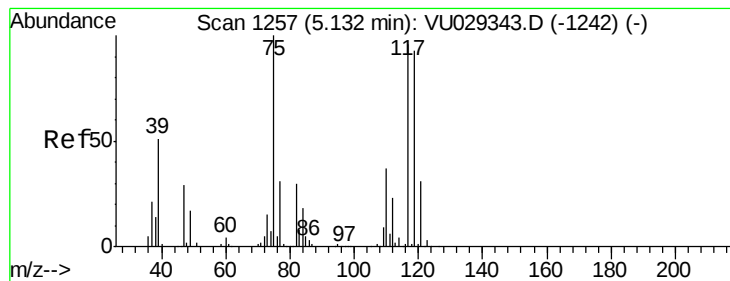
Tgt Ion: 83 Resp: 28988
Ion Ratio Lower Upper
83 100
85 66.1 0.0 126.6



#28
1,1,1-Trichloroethane
Concen: 0.928 ug/l
RT: 4.91 min Scan# 1187
Delta R.T. -0.00 min
Lab File: VU029676.D
Acq: 26 Feb 2019 12:35

Tgt Ion: 97 Resp: 24807
Ion Ratio Lower Upper
97 100
99 64.2 32.4 97.2
61 40.7 24.4 73.2





#29

1,1-Dichloropropene

Concen: 0.935 ug/l

RT: 5.13 min Scan# 1257

Delta R.T. 0.00 min

Lab File: VU029676.D

Acq: 26 Feb 2019 12:35

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT1-2019

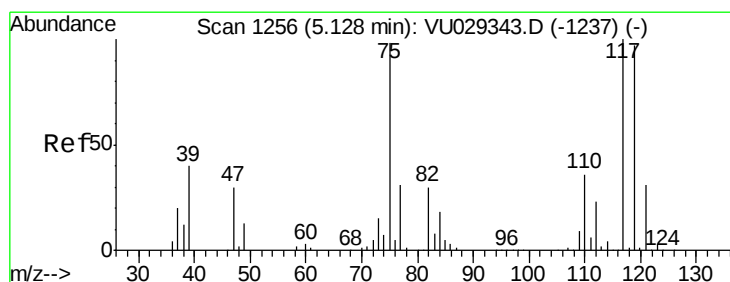
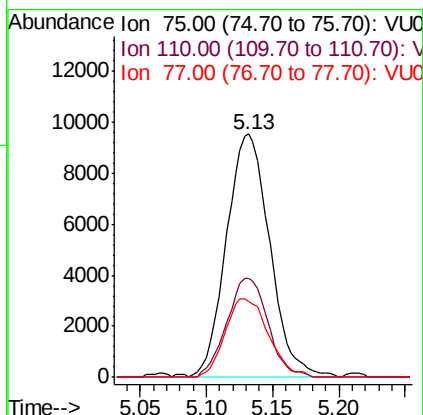
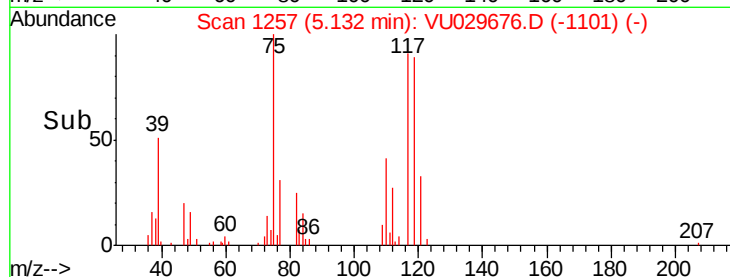
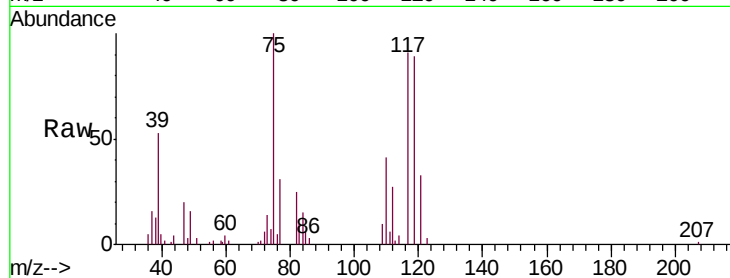
Tgt Ion: 75 Resp: 21707

Ion Ratio Lower Upper

75 100

110 38.6 15.4 46.2

77 32.3 24.1 36.1



#30

Carbon Tetrachloride

Concen: 0.874 ug/l

RT: 5.13 min Scan# 1255

Delta R.T. -0.00 min

Lab File: VU029676.D

Acq: 26 Feb 2019 12:35

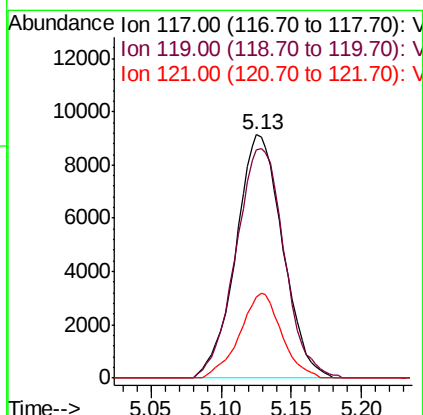
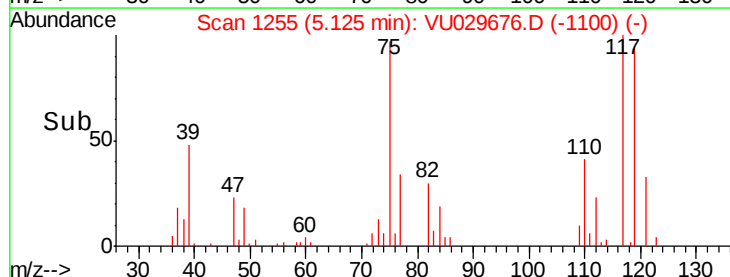
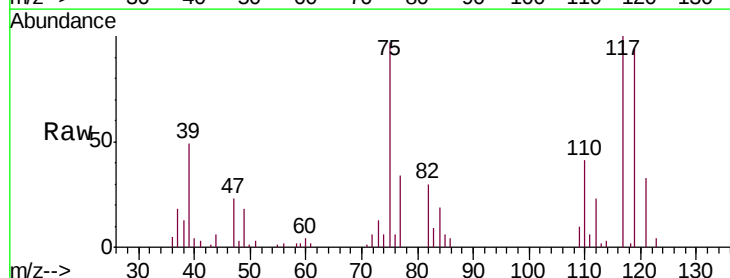
Tgt Ion: 117 Resp: 21159

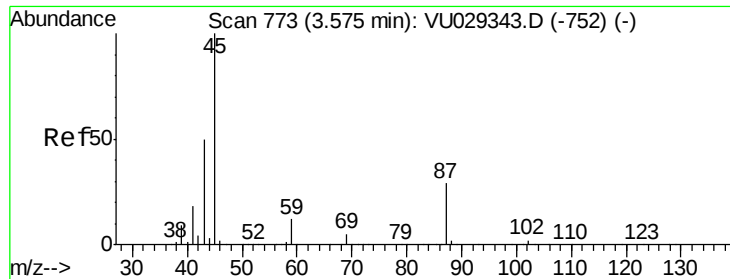
Ion Ratio Lower Upper

117 100

119 93.8 76.8 115.2

121 33.1 24.4 36.6





#31

Isopropyl Ether

Concen: 0.921 ug/l

RT: 3.58 min Scan# 773

Delta R.T. 0.00 min

Lab File: VU029676.D

Acq: 26 Feb 2019 12:35

Instrument :

MSVOA_U

ClientSampleId :

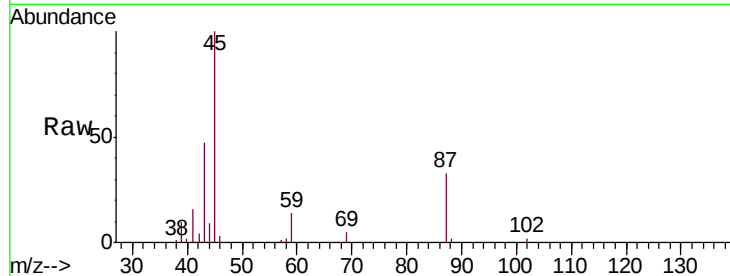
LOQ-WATER-02-QT1-2019

Tgt Ion: 45 Resp: 41215

Ion Ratio Lower Upper

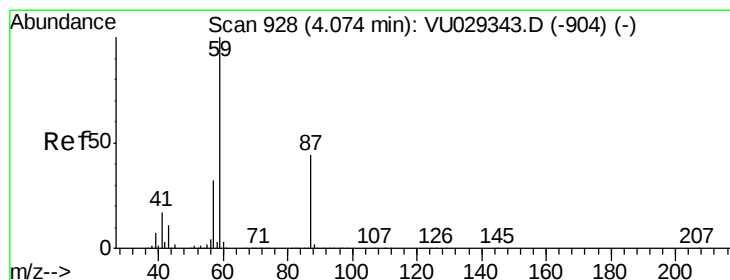
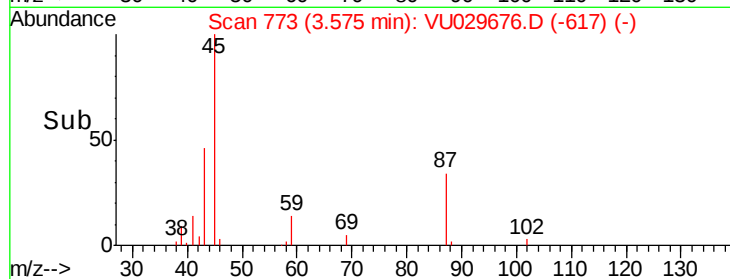
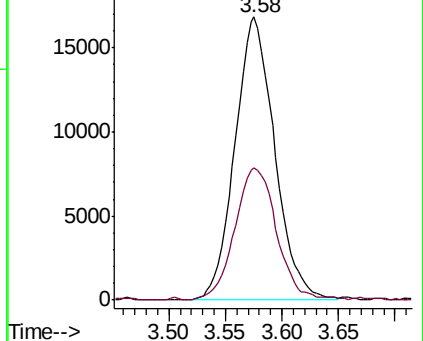
45 100

43 48.7 28.4 85.3



Abundance Ion 45.00 (44.70 to 45.70): VU0

Ion 43.00 (42.70 to 43.70): VU0



#32

Ethyl-t-butyl ether

Concen: 0.906 ug/l

RT: 4.07 min Scan# 928

Delta R.T. 0.00 min

Lab File: VU029676.D

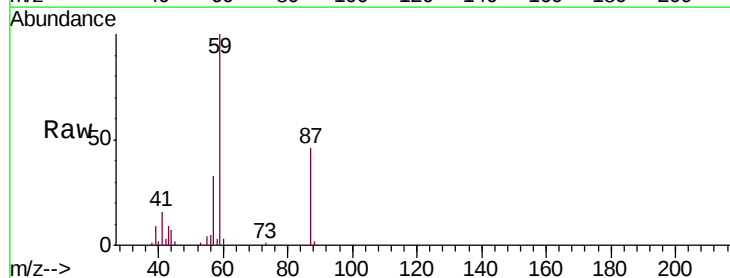
Acq: 26 Feb 2019 12:35

Tgt Ion: 59 Resp: 40616

Ion Ratio Lower Upper

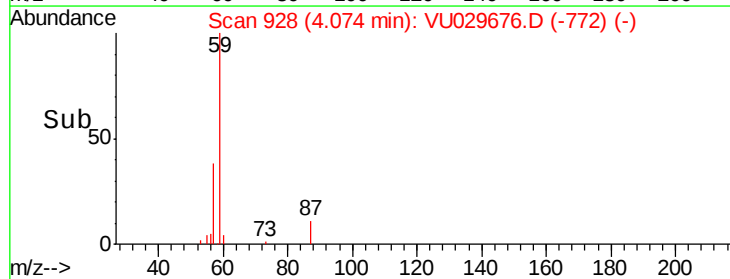
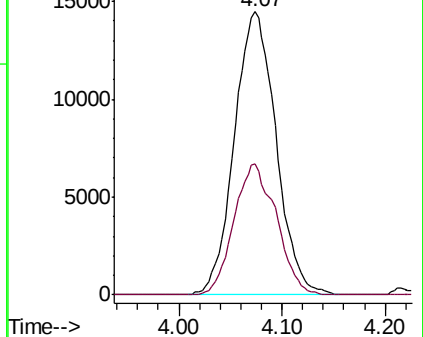
59 100

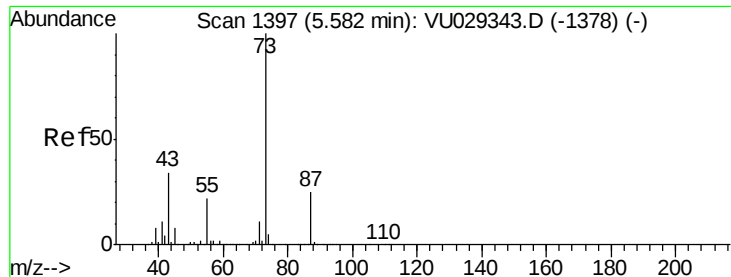
87 47.1 31.1 46.7#



Abundance Ion 59.00 (58.70 to 59.70): VU0

Ion 87.00 (86.70 to 87.70): VU0





#33

Tert-Amyl methyl ether

Concen: 0.941 ug/l

RT: 5.58 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VU029676.D

Acq: 26 Feb 2019 12:35

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT1-2019

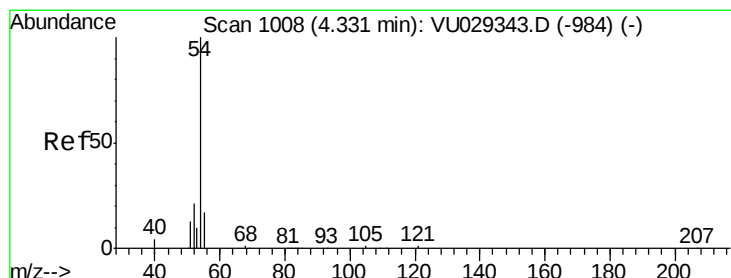
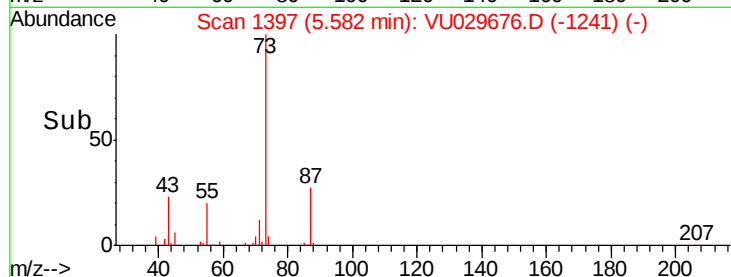
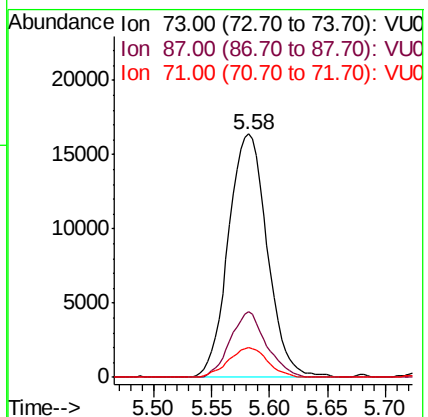
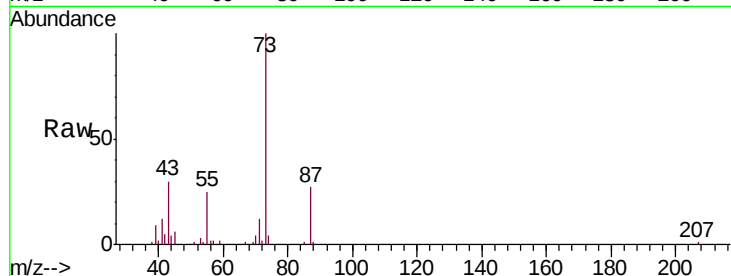
Tgt Ion: 73 Resp: 38150

Ion Ratio Lower Upper

73 100

87 24.8 19.4 29.0

71 12.3 9.0 13.4



#34

Propionitrile

Concen: 4.748 ug/l

RT: 4.34 min Scan# 1010

Delta R.T. 0.01 min

Lab File: VU029676.D

Acq: 26 Feb 2019 12:35

Tgt Ion: 54 Resp: 5043

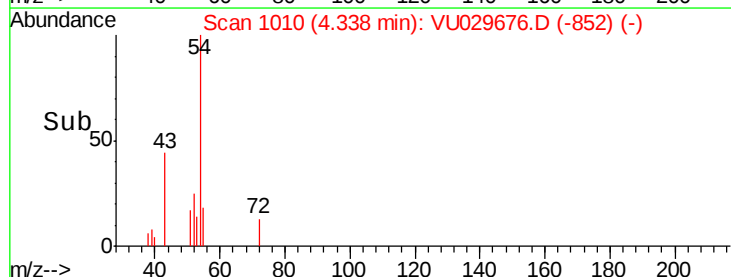
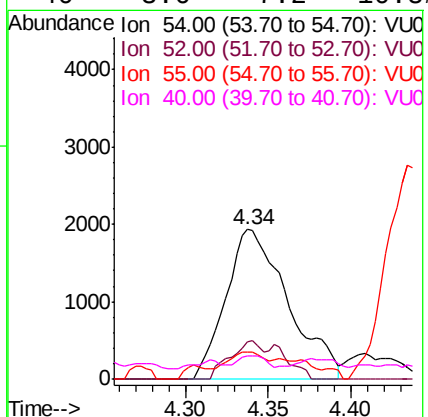
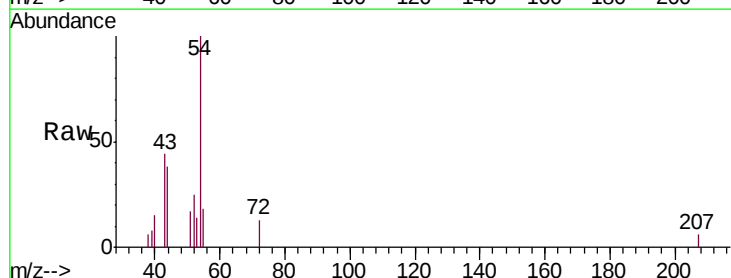
Ion Ratio Lower Upper

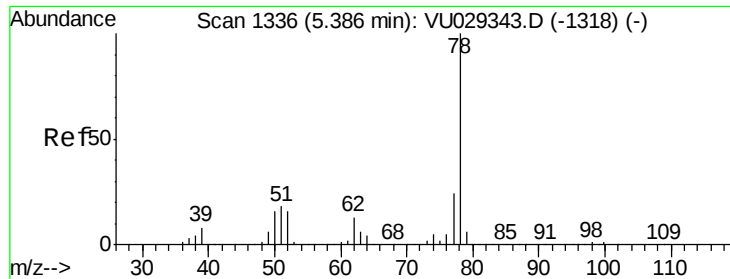
54 100

52 13.1 18.9 28.3#

55 6.1 15.1 22.7#

40 3.6 7.2 10.8#





#35

Benzene

Concen: 1.015 ug/l

RT: 5.39 min Scan# 1336

Delta R.T. 0.00 min

Lab File: VU029676.D

Acq: 26 Feb 2019 12:35

Instrument :

MSVOA_U

ClientSampleId :

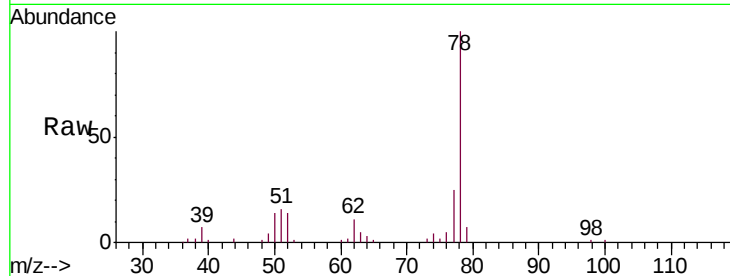
LOQ-WATER-02-QT1-2019

Tgt Ion: 78 Resp: 65164

Ion Ratio Lower Upper

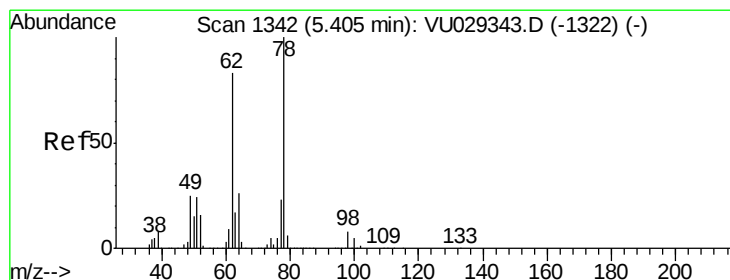
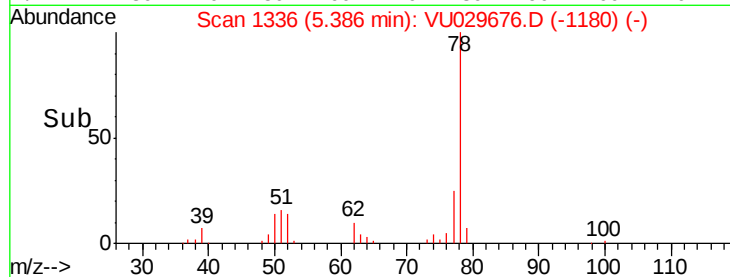
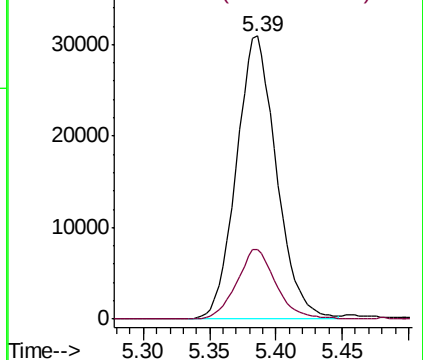
78 100

77 24.6 19.8 29.8



Abundance Ion 78.10 (77.80 to 78.80): VU0

Ion 77.00 (76.70 to 77.70): VU0



#36

1,2-Dichloroethane

Concen: 0.918 ug/l

RT: 5.41 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VU029676.D

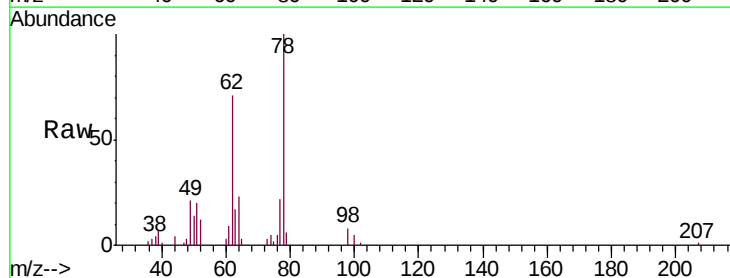
Acq: 26 Feb 2019 12:35

Tgt Ion: 62 Resp: 17828

Ion Ratio Lower Upper

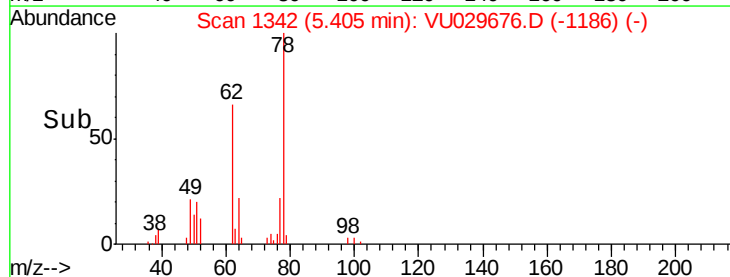
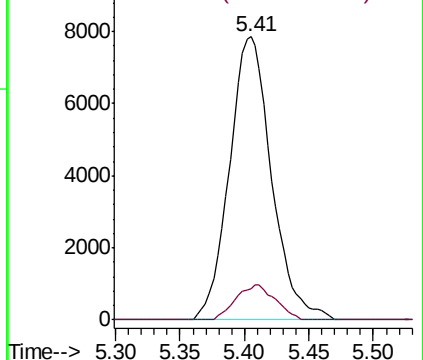
62 100

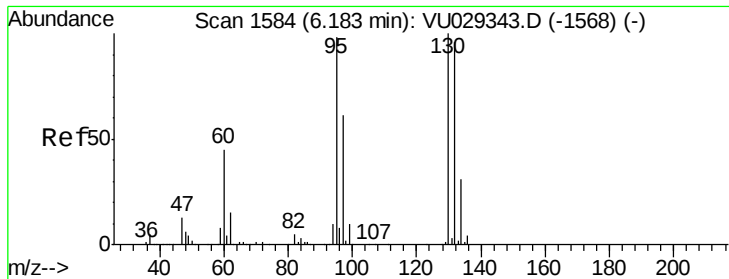
98 11.6 4.9 7.3#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 98.00 (97.70 to 98.70): VU0





#37

Trichloroethene

Concen: 1.064 ug/l

RT: 6.18 min Scan# 1584

Delta R.T. 0.00 min

Lab File: VU029676.D

Acq: 26 Feb 2019 12:35

Instrument :

MSVOA_U

ClientSampleId :

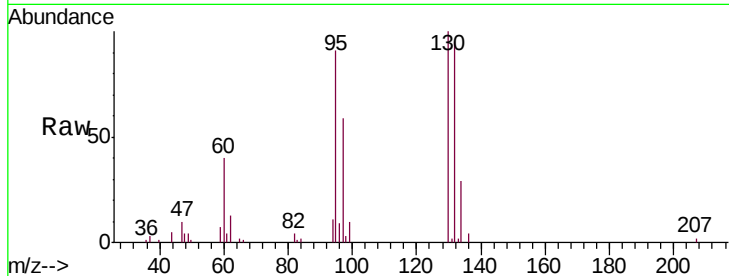
LOQ-WATER-02-QT1-2019

Tgt Ion:130 Resp: 19600

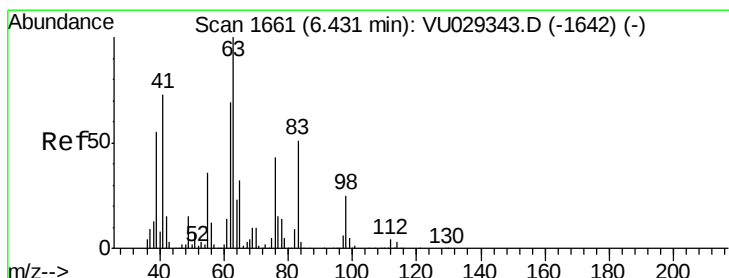
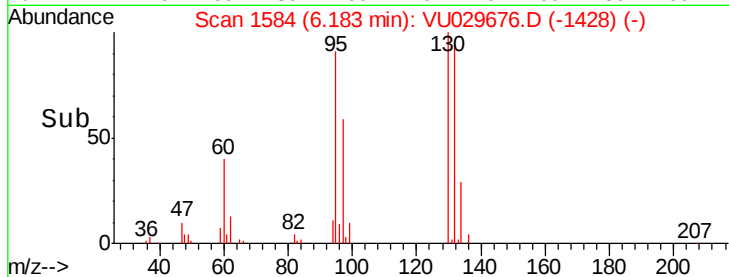
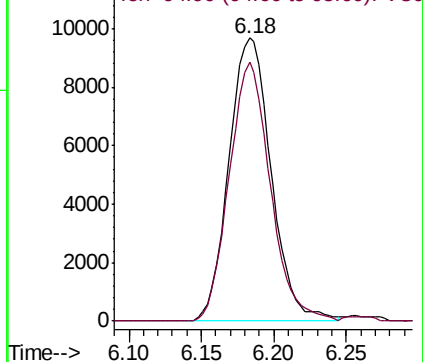
Ion Ratio Lower Upper

130 100

95 91.5 85.4 128.0



Abundance Ion 129.90 (129.60 to 130.60): VU029343.D (-1568) (-)



#38

1,2-Dichloropropane

Concen: 0.962 ug/l

RT: 6.43 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VU029676.D

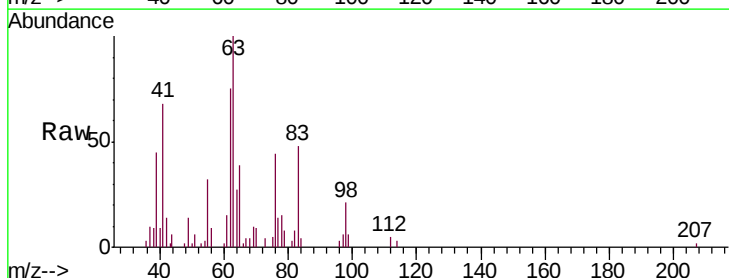
Acq: 26 Feb 2019 12:35

Tgt Ion: 63 Resp: 16058

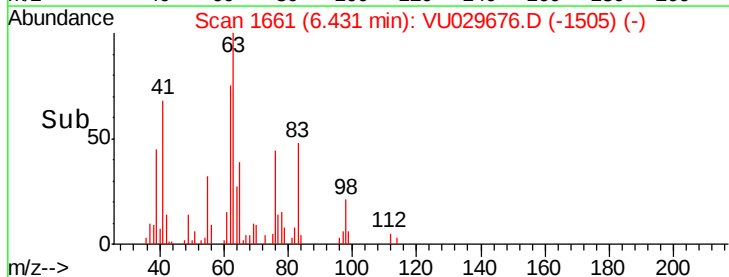
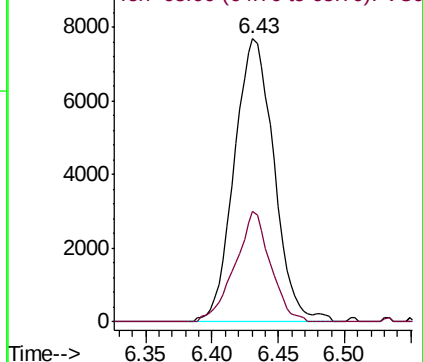
Ion Ratio Lower Upper

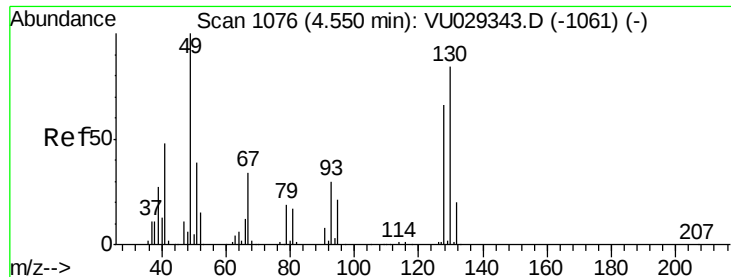
63 100

65 39.0 25.5 38.3#



Abundance Ion 63.00 (62.70 to 63.70): VU029343.D (-1642) (-)

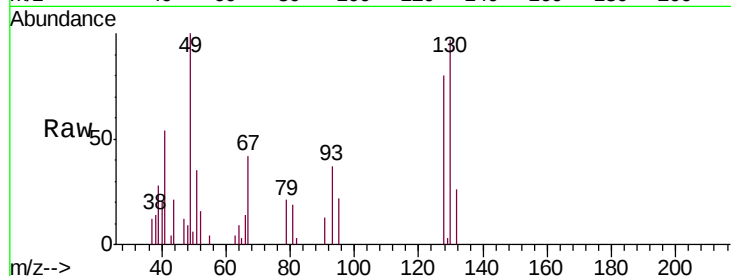




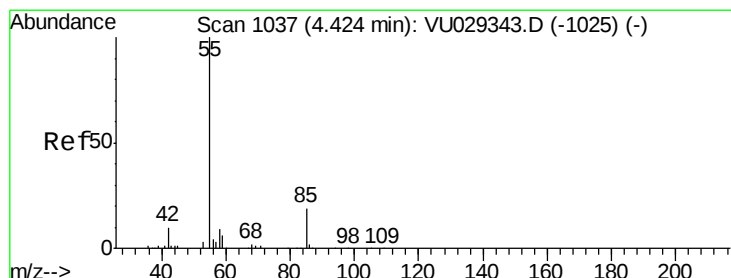
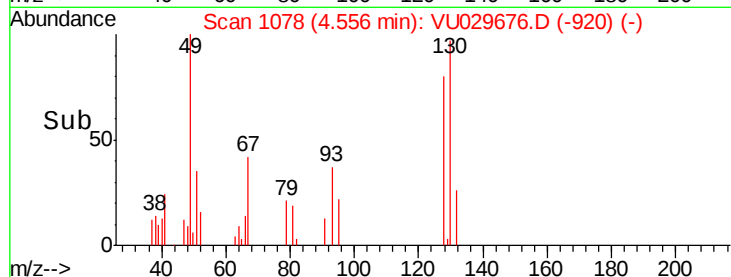
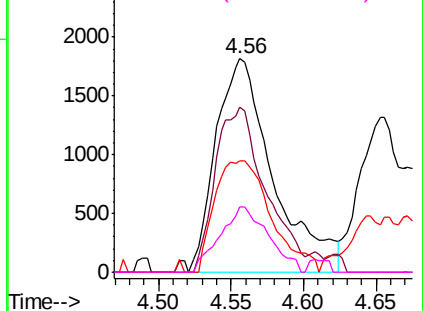
#39
Methacrylonitrile
Concen: 0.920 ug/l
RT: 4.56 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VU029676.D
Acq: 26 Feb 2019 12:35

Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2019

Tgt Ion: 41 Resp: 5004
Ion Ratio Lower Upper
41 100
67 67.7 50.1 75.1
39 51.1 47.9 71.9
52 25.7 24.8 37.2

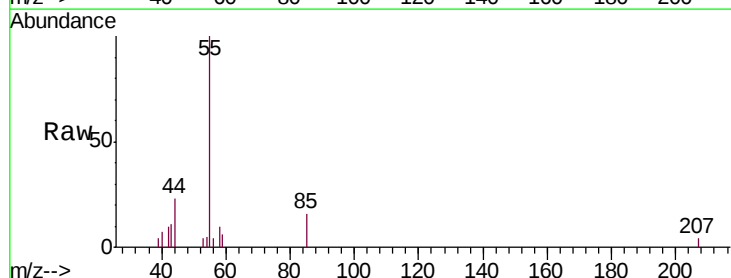


Abundance Ion 41.00 (40.70 to 41.70): VU0
Ion 67.00 (66.70 to 67.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 52.00 (51.70 to 52.70): VU0

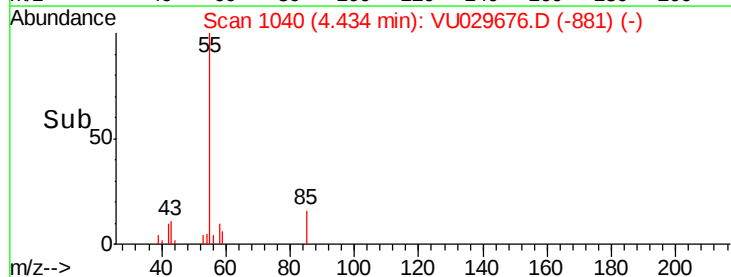
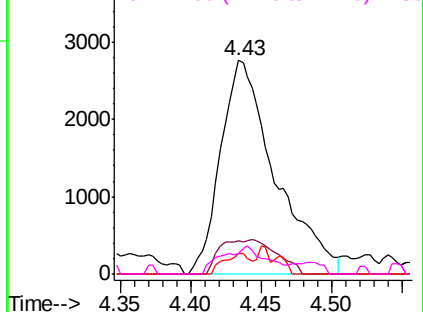


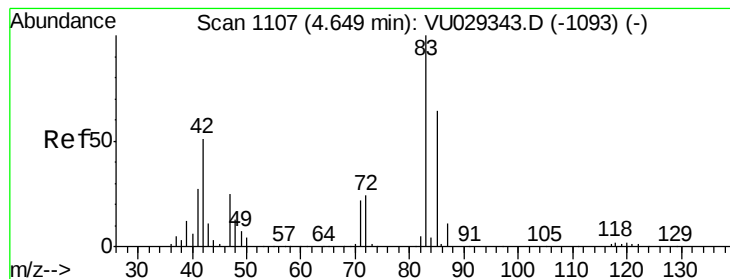
#40
Methyl acrylate
Concen: 0.907 ug/l
RT: 4.43 min Scan# 1040
Delta R.T. 0.01 min
Lab File: VU029676.D
Acq: 26 Feb 2019 12:35

Tgt Ion: 55 Resp: 7449
Ion Ratio Lower Upper
55 100
85 0.0 11.3 16.9#
58 4.6 6.2 9.4#
42 0.0 10.1 15.1#



Abundance Ion 55.00 (54.70 to 55.70): VU0
Ion 85.00 (84.70 to 85.70): VU0
Ion 58.00 (57.70 to 58.70): VU0
Ion 42.00 (41.70 to 42.70): VU0





#41

Tetrahydrofuran

Concen: 1.955 ug/l

RT: 4.65 min Scan# 1108

Delta R.T. 0.00 min

Lab File: VU029676.D

Acq: 26 Feb 2019 12:35

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT1-2019

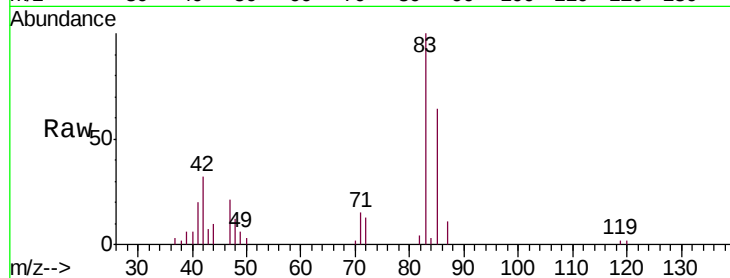
Tgt Ion: 42 Resp: 5356

Ion Ratio Lower Upper

42 100

72 45.5 33.1 49.7

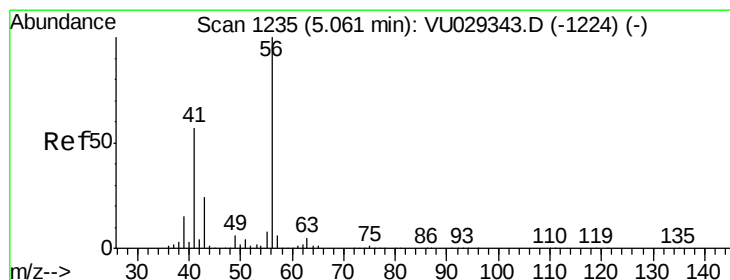
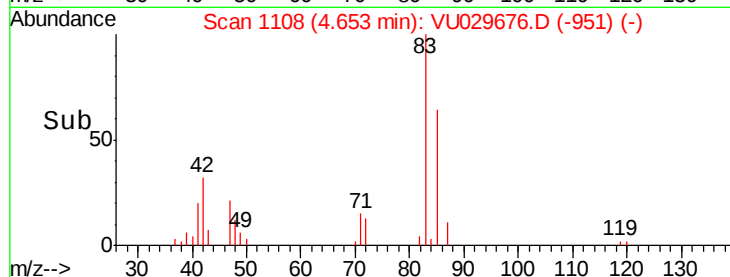
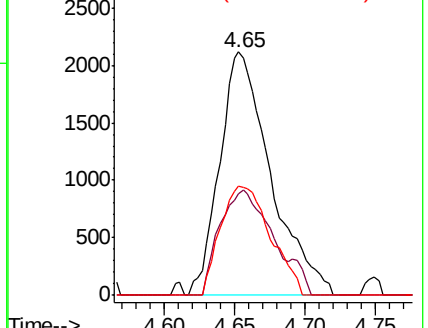
71 43.7 30.2 45.2



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: 0.926 ug/l

RT: 5.06 min Scan# 1235

Delta R.T. 0.00 min

Lab File: VU029676.D

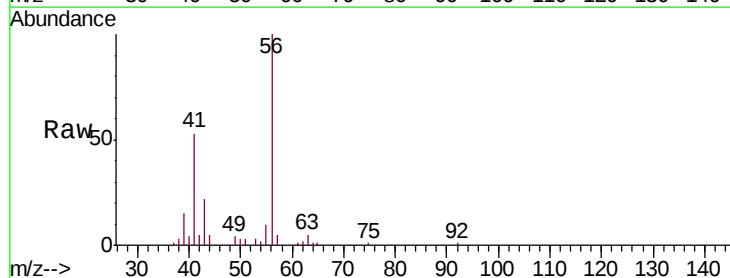
Acq: 26 Feb 2019 12:35

Tgt Ion: 56 Resp: 28800

Ion Ratio Lower Upper

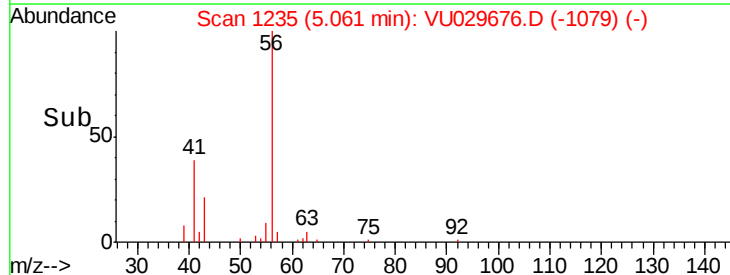
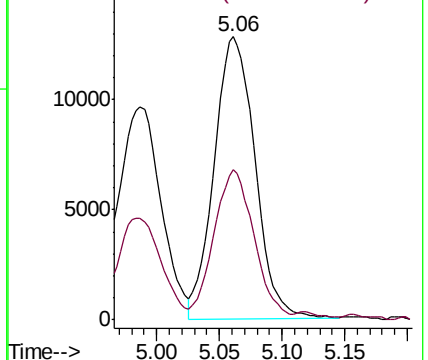
56 100

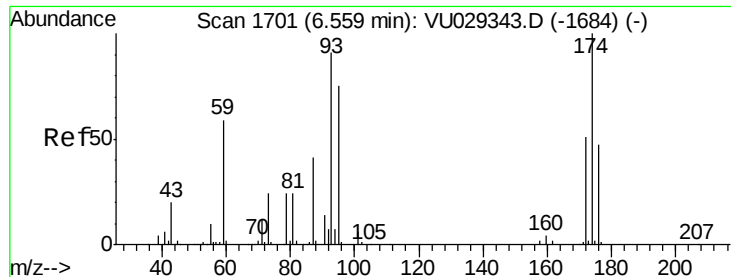
41 51.7 31.3 93.8



Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 41.00 (40.70 to 41.70): VU0





#43

Dibromomethane

Concen: 0.999 ug/l

RT: 6.56 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VU029676.D

Acq: 26 Feb 2019 12:35

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT1-2019

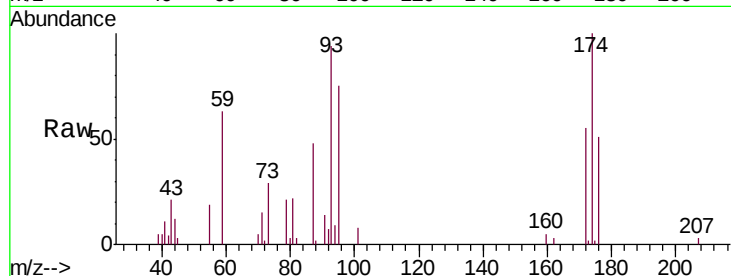
Tgt Ion: 93 Resp: 8890

Ion Ratio Lower Upper

93 100

95 83.5 68.2 102.2

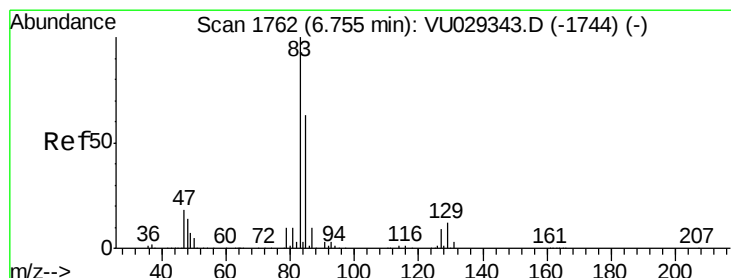
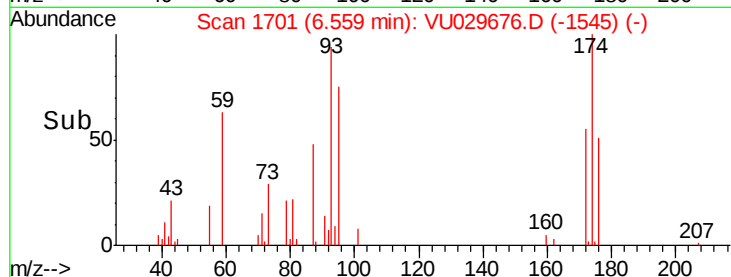
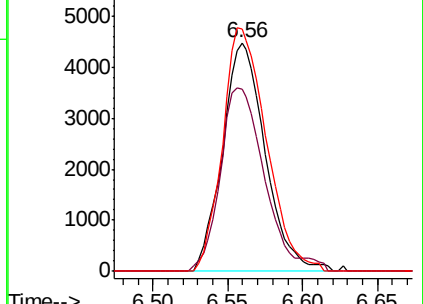
174 109.3 77.6 116.4



Abundance Ion 93.00 (92.70 to 93.70): VU029676.D (-1684) (-)

Ion 95.00 (94.70 to 95.70): VU029676.D (-1684) (-)

Ion 174.00 (173.70 to 174.70): VU029676.D (-1684) (-)



#44

Bromodichloromethane

Concen: 0.887 ug/l

RT: 6.76 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VU029676.D

Acq: 26 Feb 2019 12:35

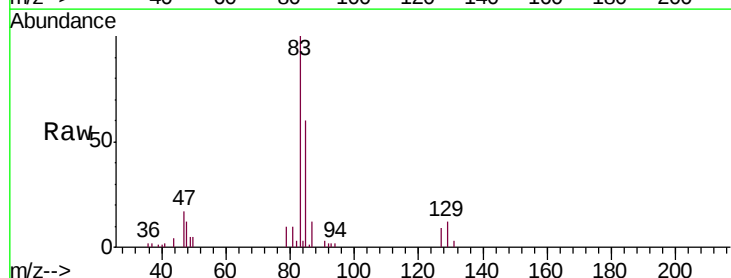
Tgt Ion: 83 Resp: 20120

Ion Ratio Lower Upper

83 100

85 59.8 49.2 73.8

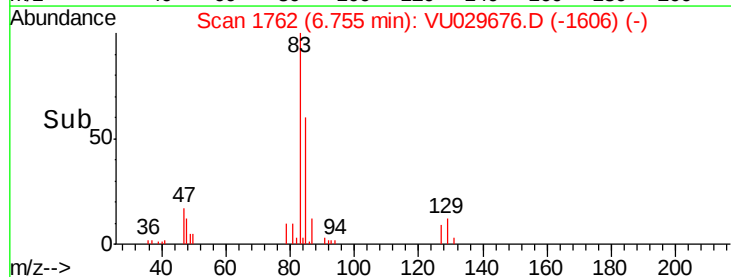
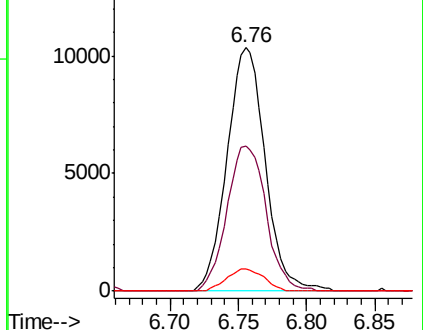
127 9.0 7.0 10.6

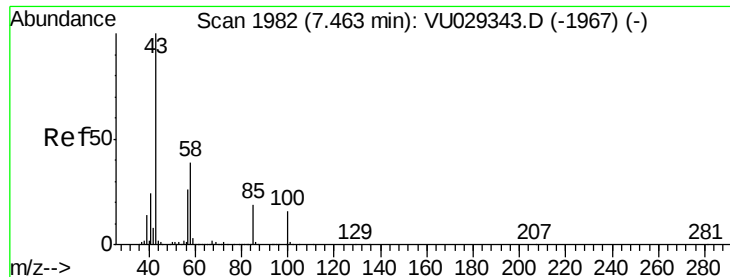


Abundance Ion 83.00 (82.70 to 83.70): VU029676.D (-1606) (-)

Ion 85.00 (84.70 to 85.70): VU029676.D (-1606) (-)

Ion 127.00 (126.70 to 127.70): VU029676.D (-1606) (-)

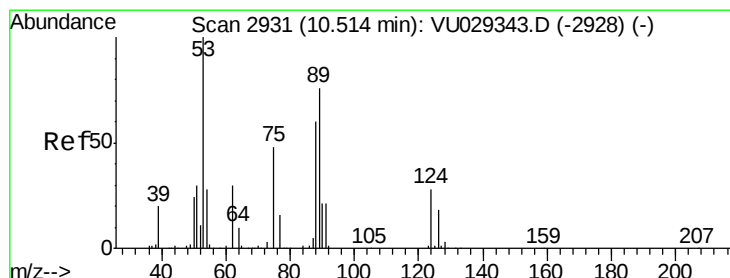
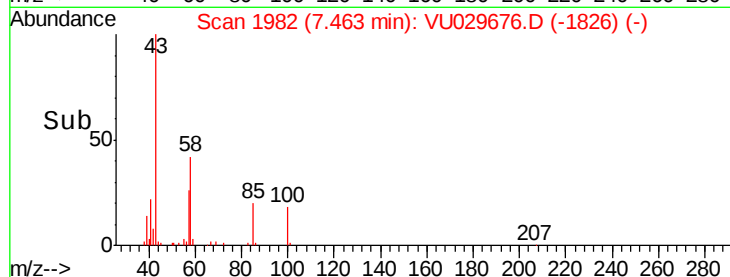
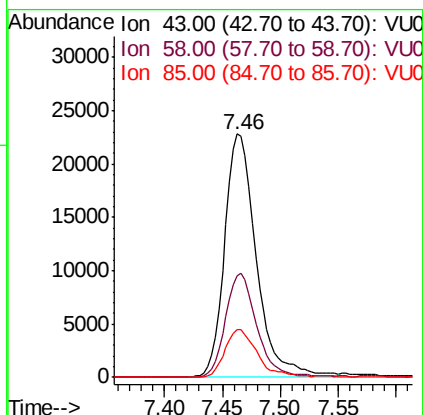
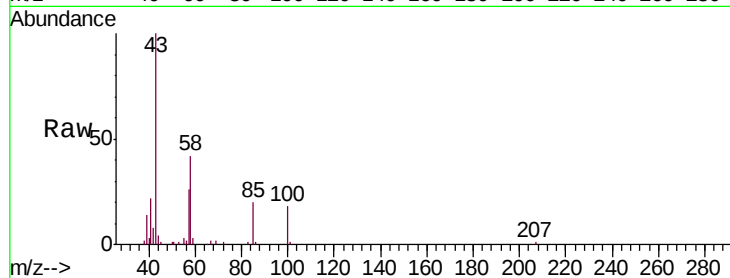




#45
 4-Methyl-2-Pentanone
 Concen: 4.179 ug/l
 RT: 7.46 min Scan# 1982
 Delta R.T. 0.00 min
 Lab File: VU029676.D
 Acq: 26 Feb 2019 12:35

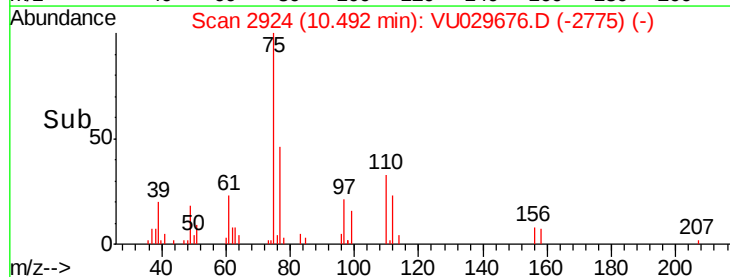
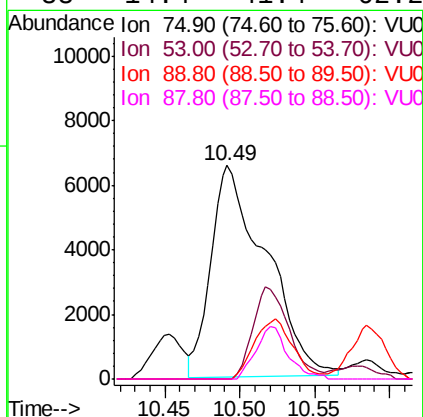
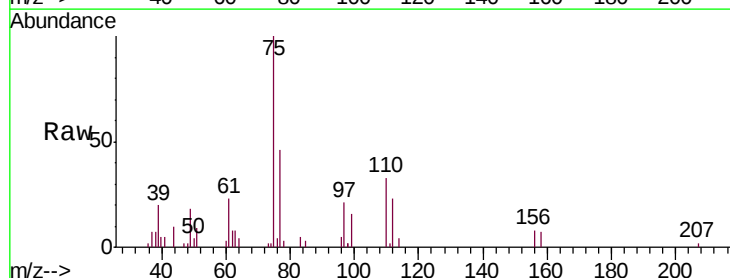
Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT1-2019

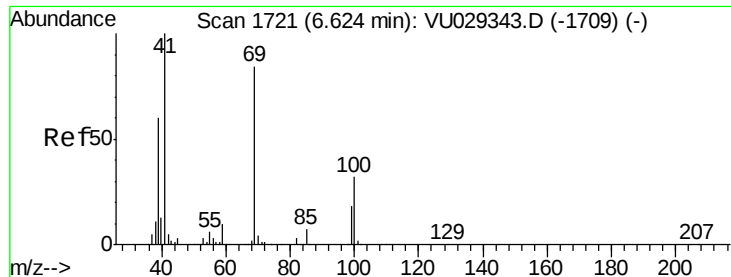
Tgt Ion: 43 Resp: 43582
 Ion Ratio Lower Upper
 43 100
 58 41.2 17.6 52.8
 85 19.9 12.3 18.5#



#46
 t-1,4-Dichloro-2-butene
 Concen: 3.284 ug/l
 RT: 10.49 min Scan# 2924
 Delta R.T. -0.02 min
 Lab File: VU029676.D
 Acq: 26 Feb 2019 12:35

Tgt Ion: 75 Resp: 16686
 Ion Ratio Lower Upper
 75 100
 53 28.6 78.2 117.4#
 89 19.9 44.2 66.4#
 88 14.4 41.4 62.2#





#47

Methyl methacrylate

Concen: 1.740 ug/l

RT: 6.63 min Scan# 1722

Delta R.T. 0.00 min

Lab File: VU029676.D

Acq: 26 Feb 2019 12:35

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT1-2019

Tgt Ion: 69 Resp: 13621

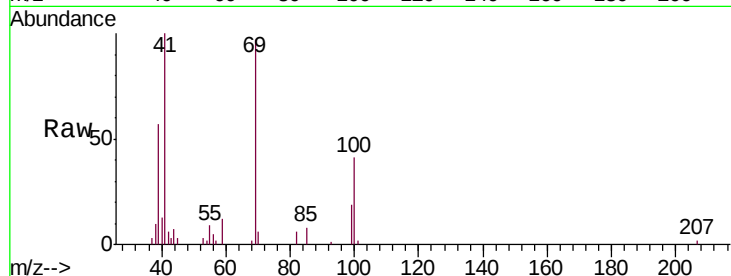
Ion Ratio Lower Upper

69 100

41 110.3 0.0 296.2

39 63.1 71.2 106.8#

100 40.2 28.6 42.8

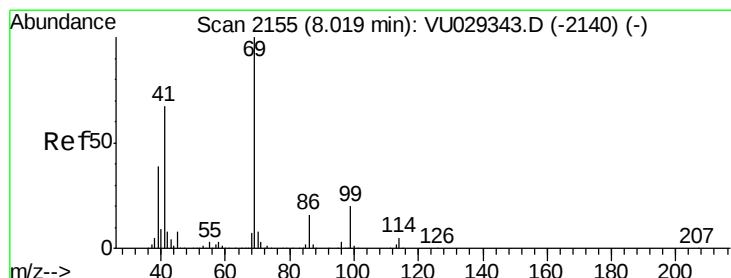
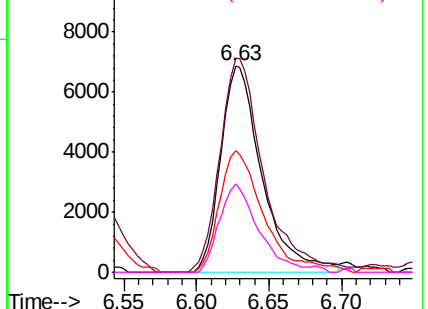
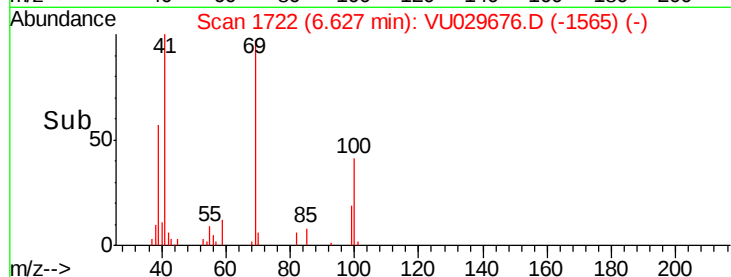


Abundance Ion 69.00 (68.70 to 69.70): VU029676.D (-1709) (-)

Ion 41.00 (40.70 to 41.70): VU029676.D (-1709) (-)

Ion 39.00 (38.70 to 39.70): VU029676.D (-1709) (-)

Ion 100.00 (99.70 to 100.70): VU029676.D (-1709) (-)



#48

Ethyl methacrylate

Concen: 0.802 ug/l

RT: 8.02 min Scan# 2156

Delta R.T. 0.00 min

Lab File: VU029676.D

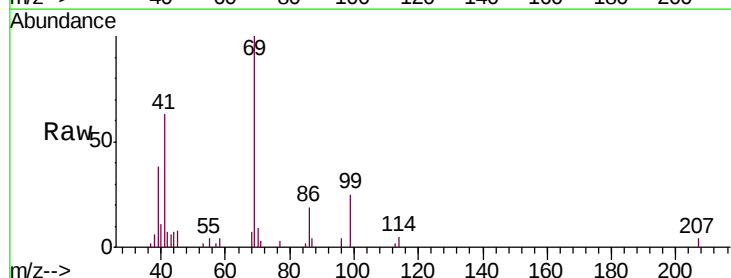
Acq: 26 Feb 2019 12:35

Tgt Ion: 69 Resp: 13467

Ion Ratio Lower Upper

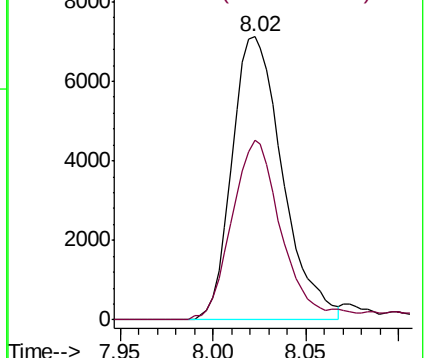
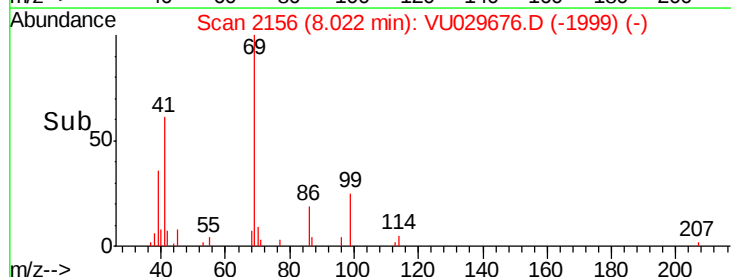
69 100

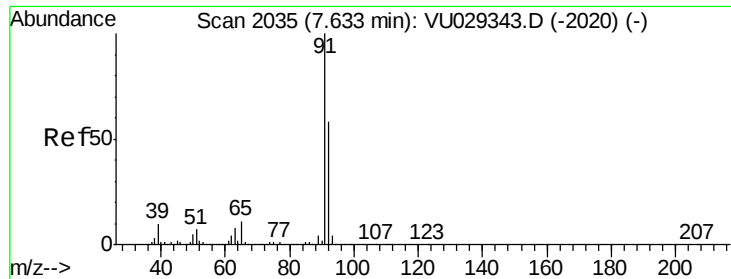
41 62.4 39.9 119.7



Abundance Ion 69.00 (68.70 to 69.70): VU029676.D (-2140) (-)

Ion 41.00 (40.70 to 41.70): VU029676.D (-2140) (-)





#49

Toluene

Concen: 0.978 ug/l

RT: 7.64 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VU029676.D

Acq: 26 Feb 2019 12:35

Instrument :

MSVOA_U

ClientSampleId :

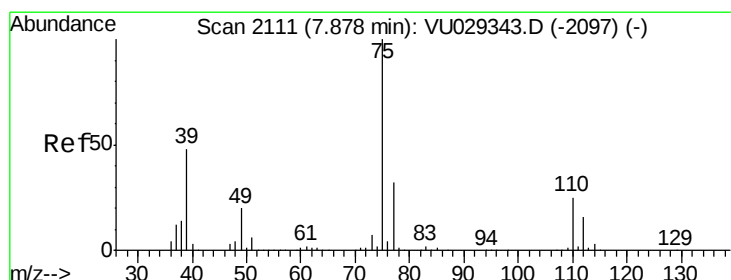
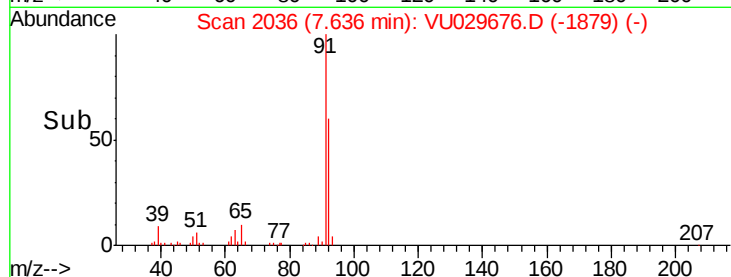
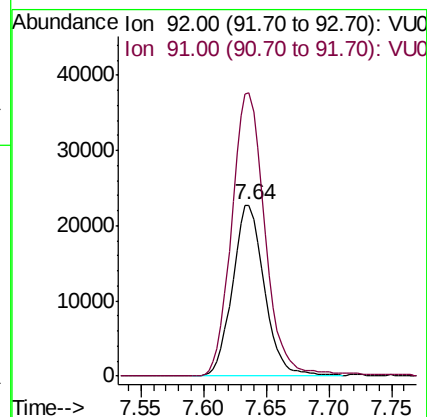
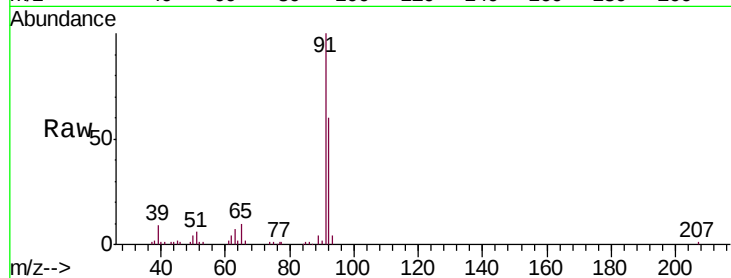
LOQ-WATER-02-QT1-2019

Tgt Ion: 92 Resp: 40175

Ion Ratio Lower Upper

92 100

91 172.6 140.7 211.1



#50

t-1,3-Dichloropropene

Concen: 0.787 ug/l

RT: 7.88 min Scan# 2112

Delta R.T. 0.00 min

Lab File: VU029676.D

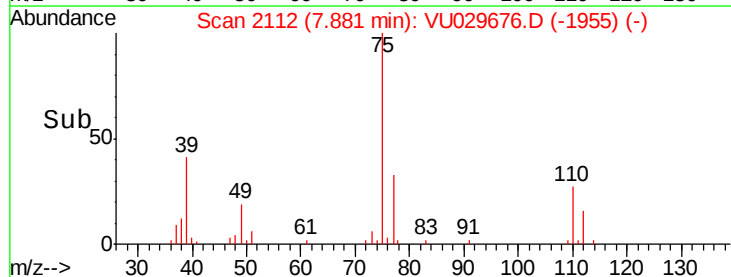
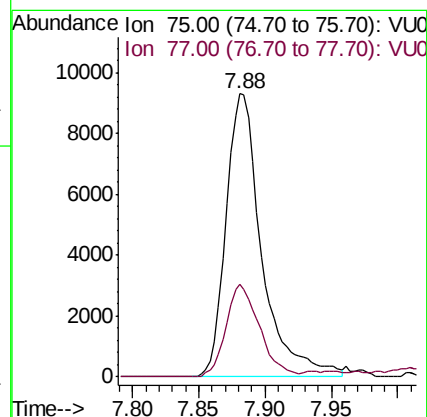
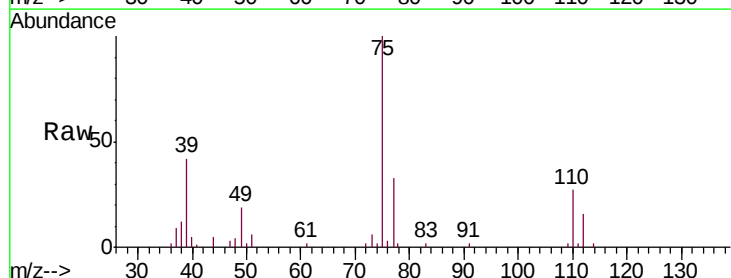
Acq: 26 Feb 2019 12:35

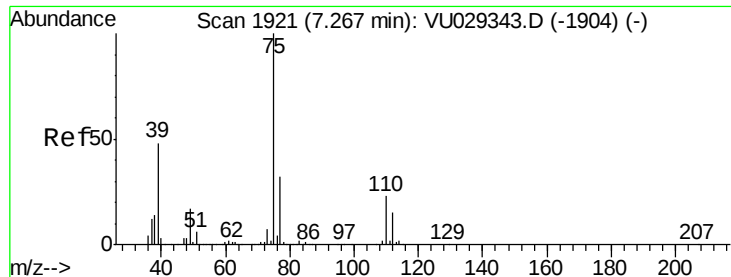
Tgt Ion: 75 Resp: 17484

Ion Ratio Lower Upper

75 100

77 32.6 23.6 35.4

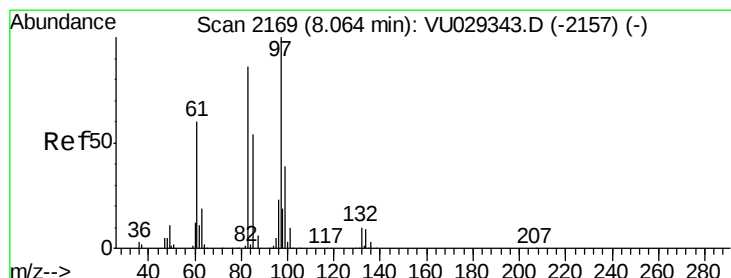
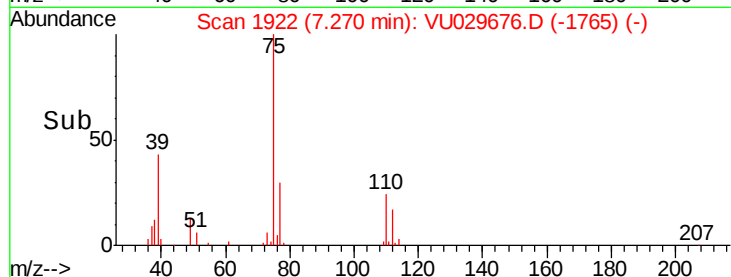
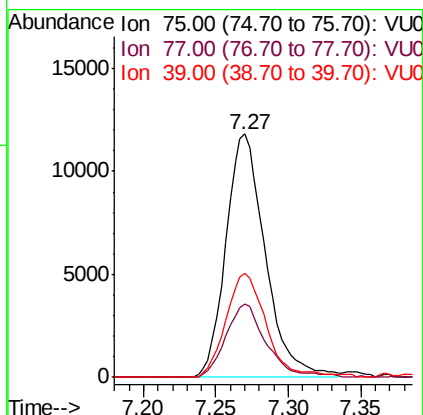
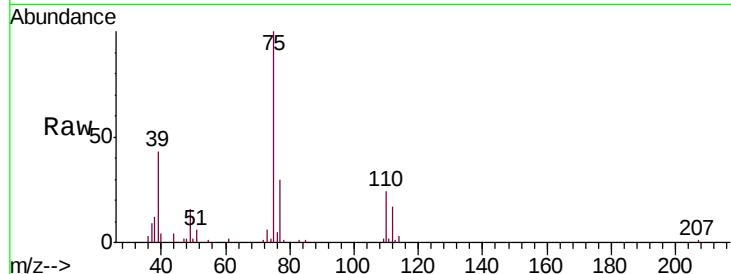




#51
 cis-1,3-Dichloropropene
 Concen: 0.842 ug/l
 RT: 7.27 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VU029676.D
 Acq: 26 Feb 2019 12:35

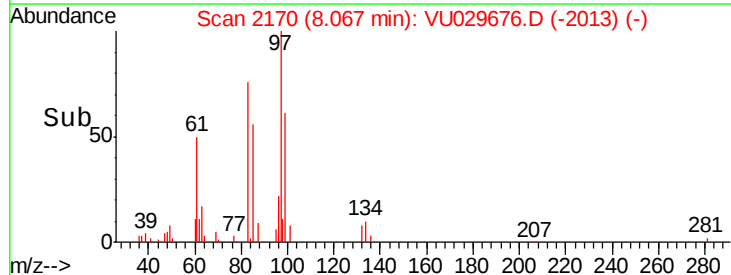
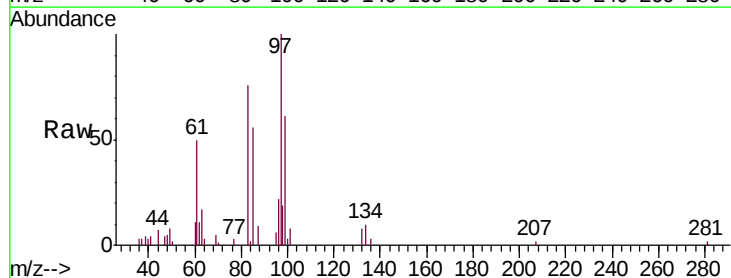
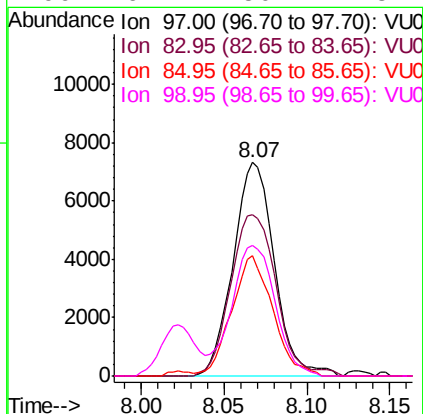
Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT1-2019

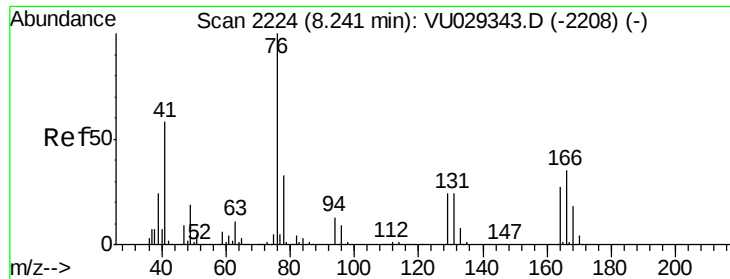
Tgt Ion: 75 Resp: 22234
 Ion Ratio Lower Upper
 75 100
 77 29.9 24.9 37.3
 39 42.6 47.2 70.8#



#52
 1,1,2-Trichloroethane
 Concen: 1.075 ug/l
 RT: 8.07 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VU029676.D
 Acq: 26 Feb 2019 12:35

Tgt Ion: 97 Resp: 12660
 Ion Ratio Lower Upper
 97 100
 83 75.8 69.9 104.9
 85 56.2 45.8 68.6
 99 61.2 50.2 75.2

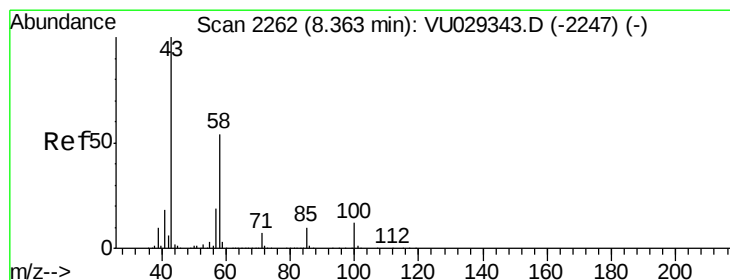
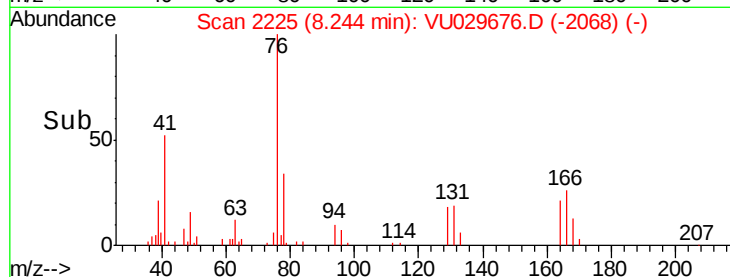
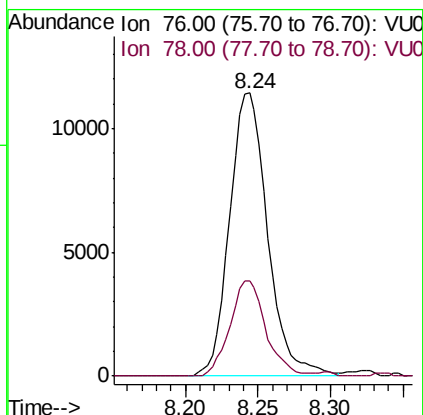
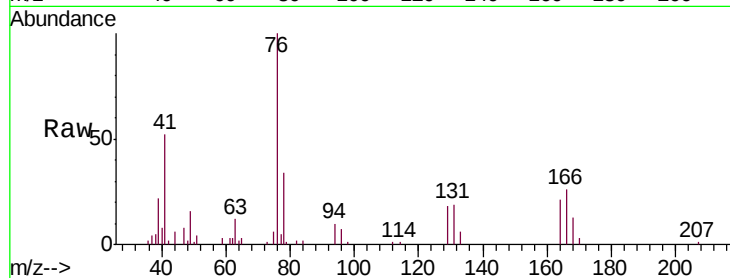




#53
 1,3-Dichloropropane
 Concen: 1.007 ug/l
 RT: 8.24 min Scan# 2225
 Delta R.T. 0.00 min
 Lab File: VU029676.D
 Acq: 26 Feb 2019 12:35

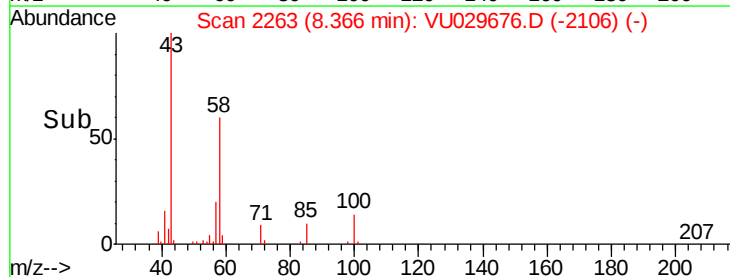
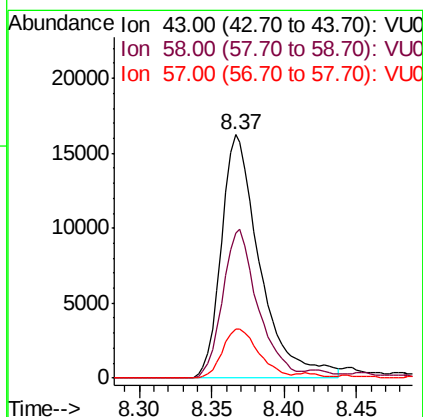
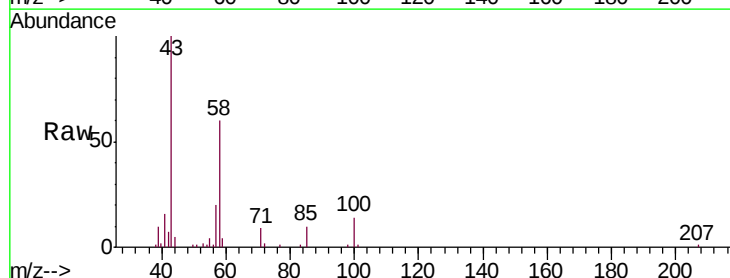
Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT1-2019

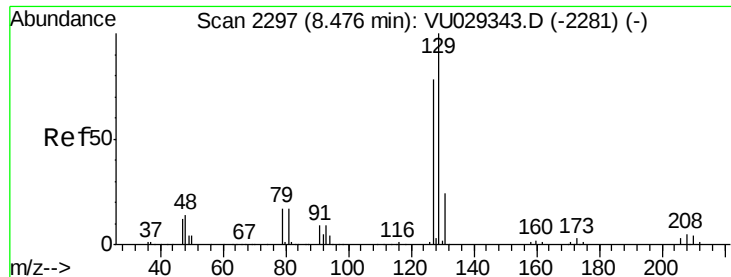
Tgt Ion: 76 Resp: 20840
 Ion Ratio Lower Upper
 76 100
 78 31.7 26.3 39.5



#54
 2-Hexanone
 Concen: 4.116 ug/l
 RT: 8.37 min Scan# 2263
 Delta R.T. 0.00 min
 Lab File: VU029676.D
 Acq: 26 Feb 2019 12:35

Tgt Ion: 43 Resp: 30092
 Ion Ratio Lower Upper
 43 100
 58 55.9 26.0 66.0
 57 18.9 0.0 37.7





#55

Dibromochloromethane

Concen: 0.812 ug/l

RT: 8.47 min Scan# 2296

Delta R.T. -0.00 min

Lab File: VU029676.D

Acq: 26 Feb 2019 12:35

Instrument :

MSVOA_U

ClientSampleId :

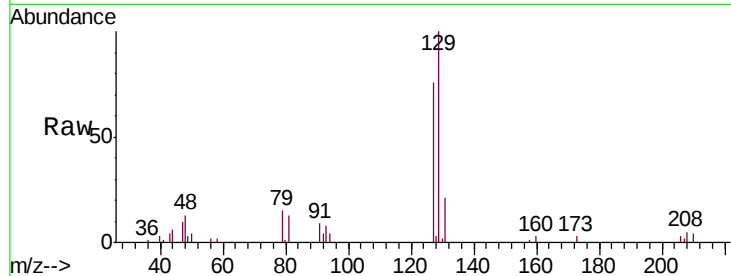
LOQ-WATER-02-QT1-2019

Tgt Ion:129 Resp: 13595

Ion Ratio Lower Upper

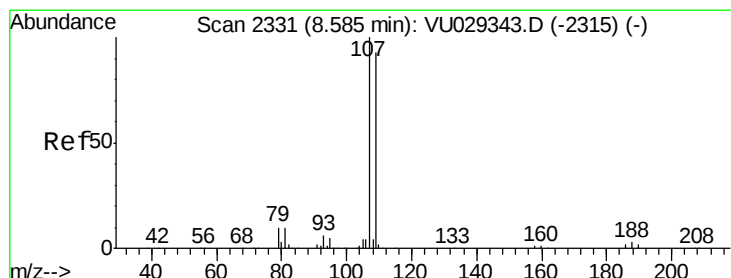
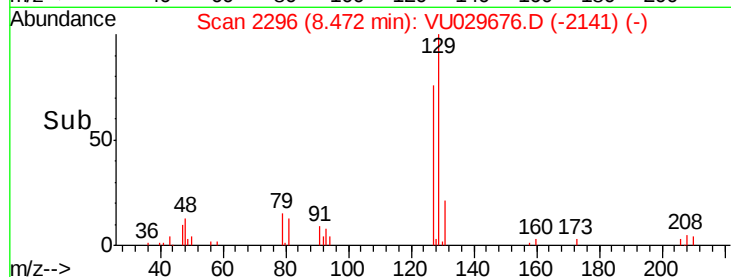
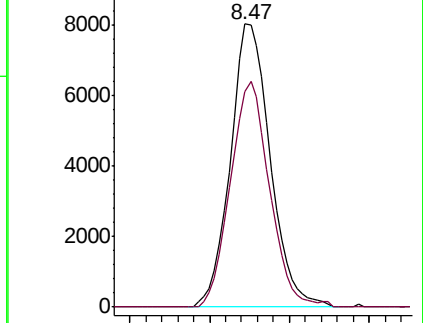
129 100

127 78.4 60.5 90.7



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#56

1,2-Dibromoethane

Concen: 0.987 ug/l

RT: 8.58 min Scan# 2331

Delta R.T. 0.00 min

Lab File: VU029676.D

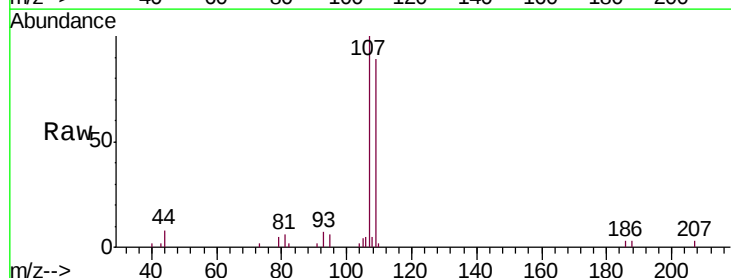
Acq: 26 Feb 2019 12:35

Tgt Ion:107 Resp: 11922

Ion Ratio Lower Upper

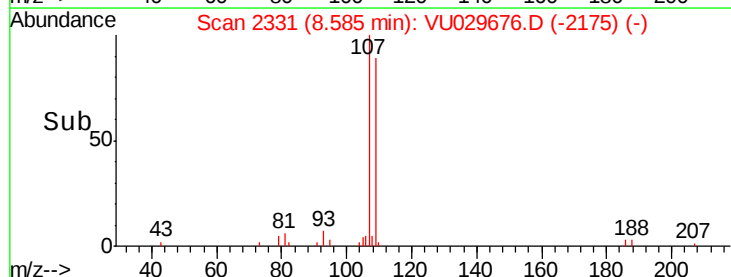
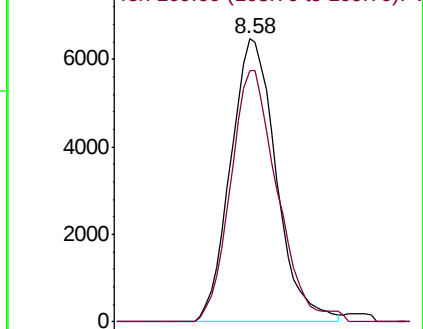
107 100

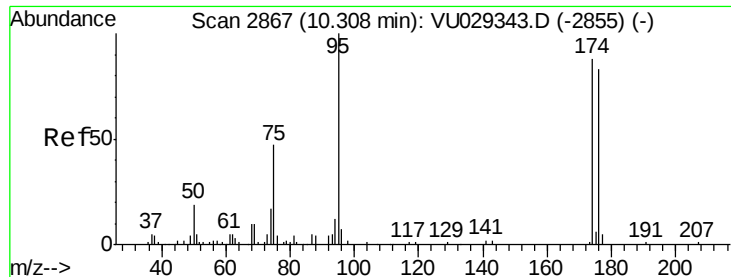
109 90.9 0.0 189.6



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

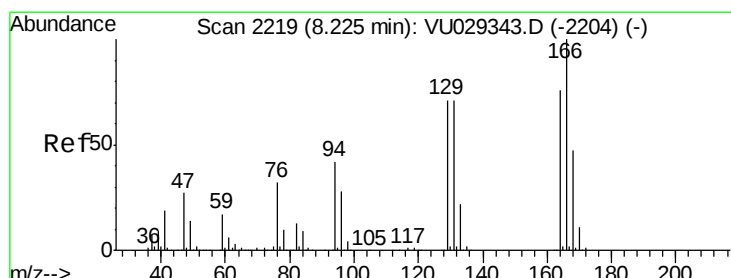
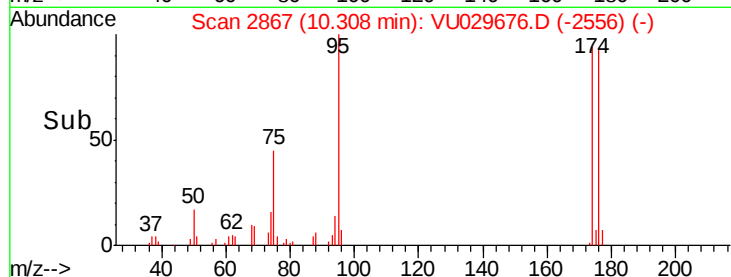
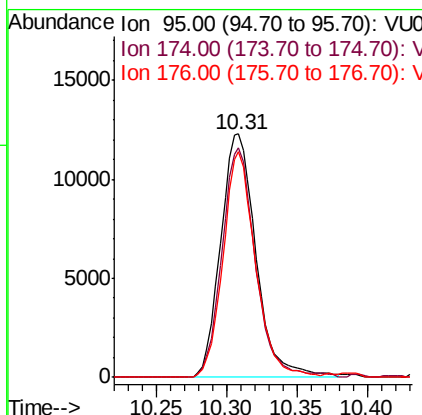
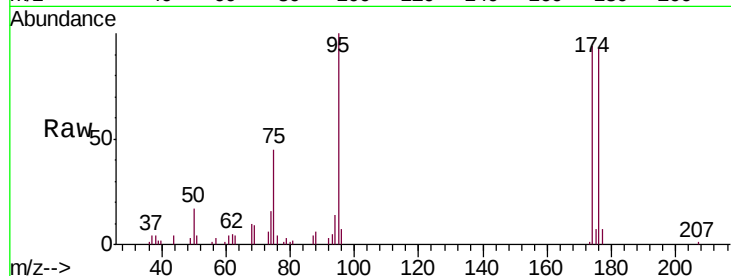




#57
4-Bromofluorobenzene
Concen: 0.987 ug/l
RT: 10.31 min Scan# 2867
Delta R.T. 0.00 min
Lab File: VU029676.D
Acq: 26 Feb 2019 12:35

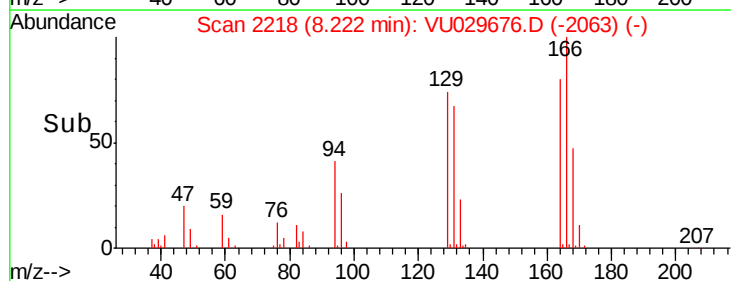
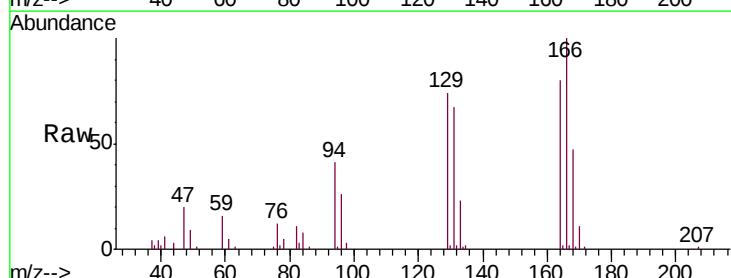
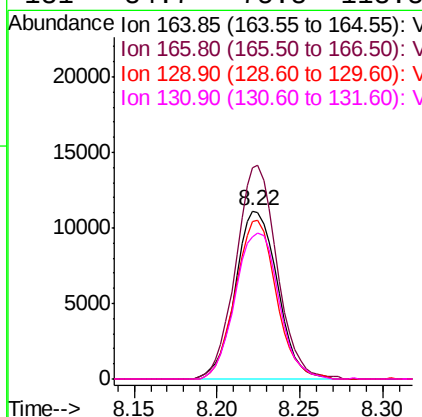
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2019

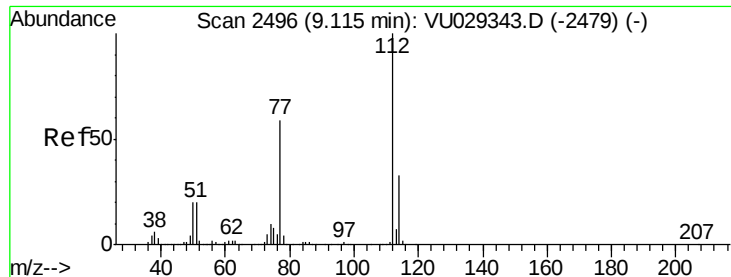
Tgt Ion: 95 Resp: 21512
Ion Ratio Lower Upper
95 100
174 89.4 64.2 96.2
176 85.2 62.3 93.5



#58
Tetrachloroethene
Concen: 1.152 ug/l
RT: 8.22 min Scan# 2218
Delta R.T. -0.00 min
Lab File: VU029676.D
Acq: 26 Feb 2019 12:35

Tgt Ion: 164 Resp: 19738
Ion Ratio Lower Upper
164 100
166 125.5 106.6 159.8
129 93.4 79.9 119.9
131 84.7 75.8 113.8

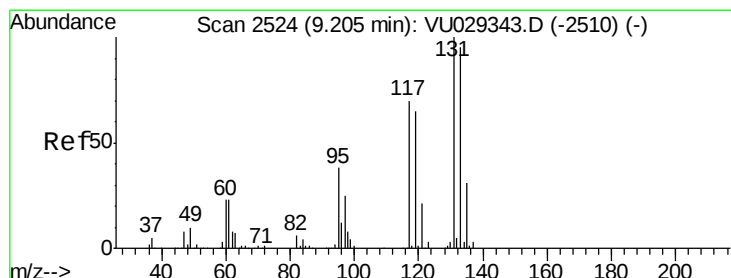
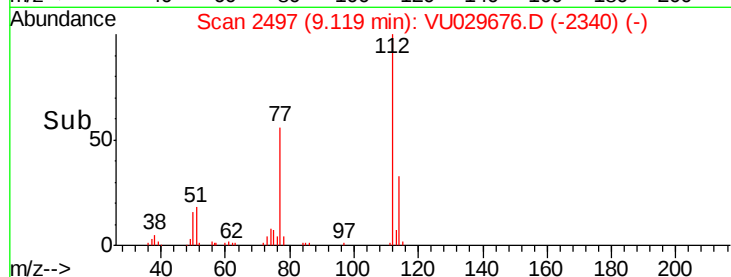
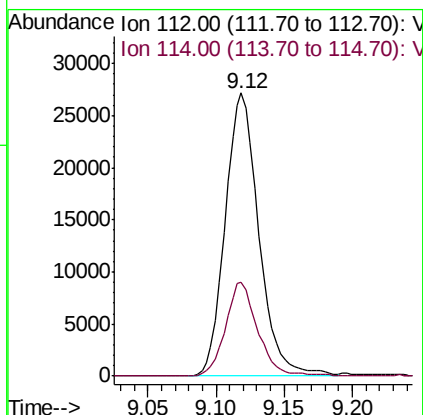
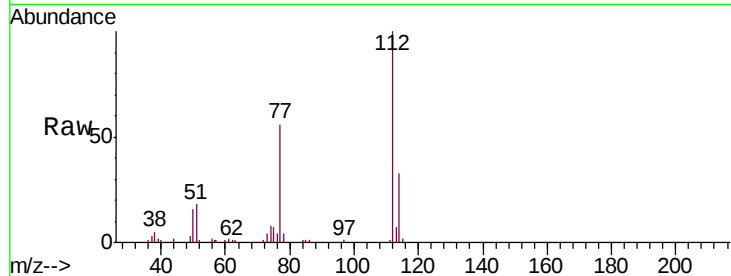




#59
Chlorobenzene
Concen: 1.007 ug/l
RT: 9.12 min Scan# 2497
Delta R.T. 0.00 min
Lab File: VU029676.D
Acq: 26 Feb 2019 12:35

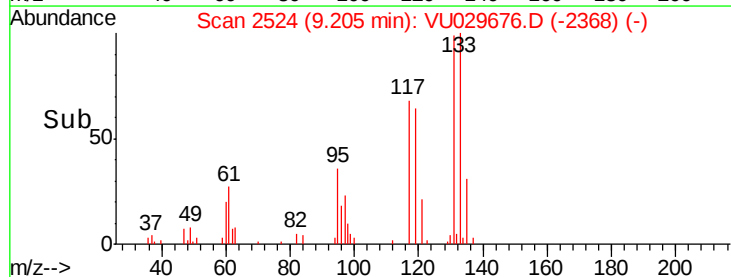
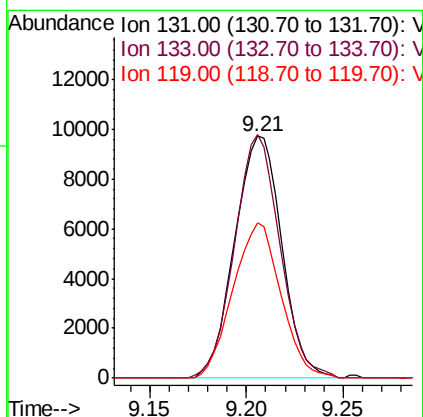
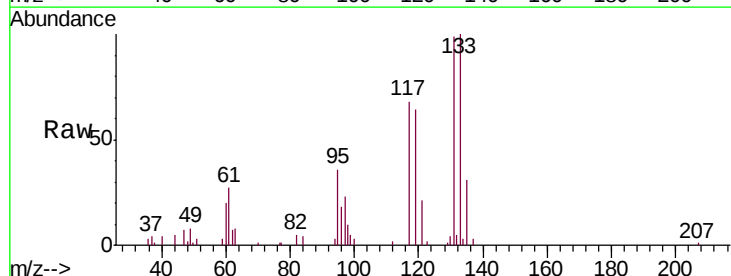
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2019

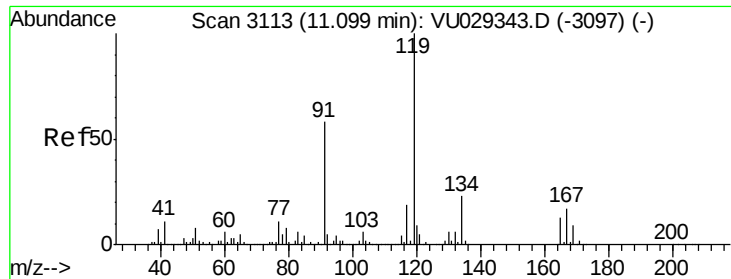
Tgt Ion:112 Resp: 46587
Ion Ratio Lower Upper
112 100
114 33.2 26.2 39.4



#60
1,1,1,2-Tetrachloroethane
Concen: 0.963 ug/l
RT: 9.21 min Scan# 2524
Delta R.T. 0.00 min
Lab File: VU029676.D
Acq: 26 Feb 2019 12:35

Tgt Ion:131 Resp: 16455
Ion Ratio Lower Upper
131 100
133 97.7 77.3 115.9
119 65.4 48.9 73.3

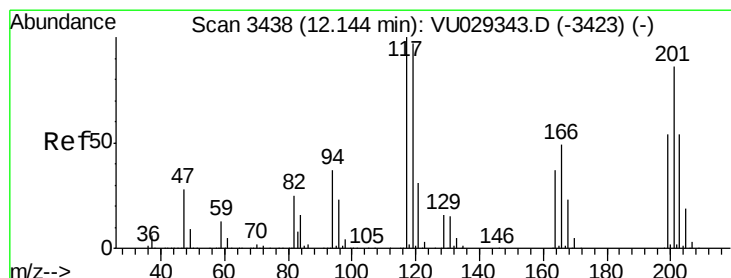
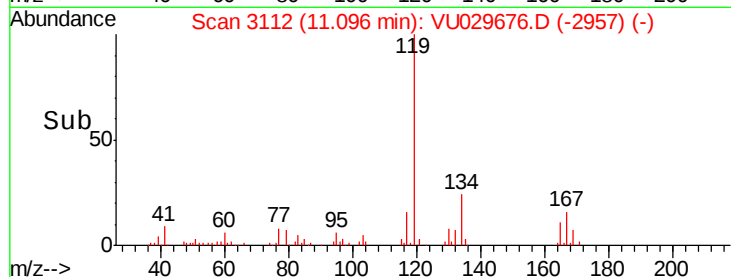
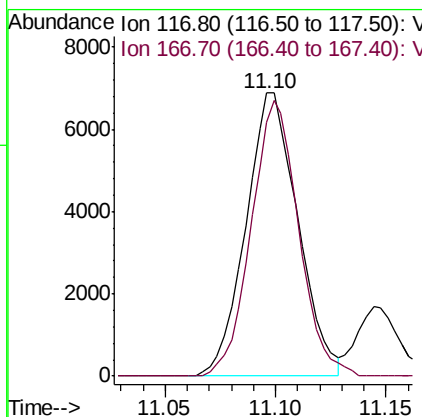
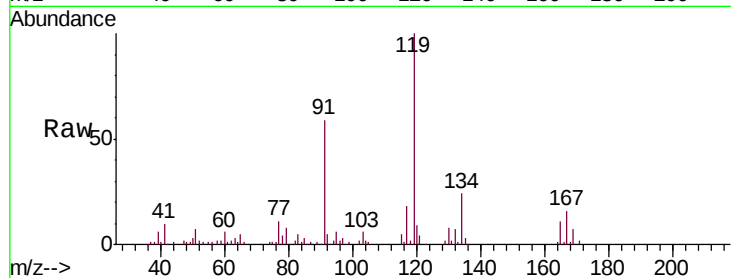




#61
 Pentachloroethane
 Concen: 0.848 ug/l
 RT: 11.10 min Scan# 3112
 Delta R.T. -0.00 min
 Lab File: VU029676.D
 Acq: 26 Feb 2019 12:35

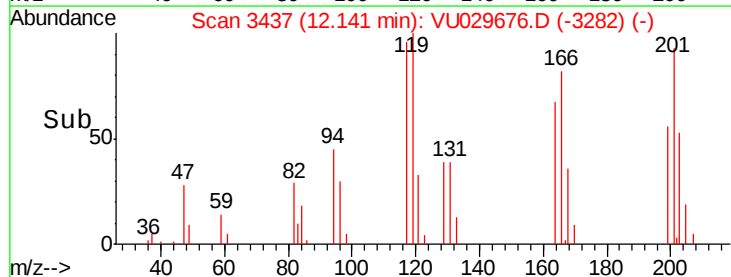
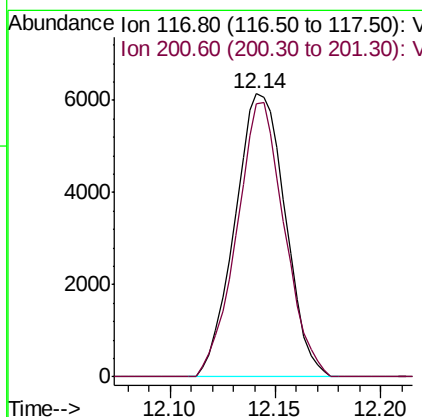
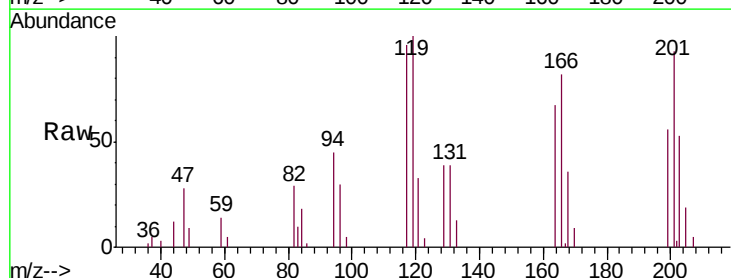
Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT1-2019

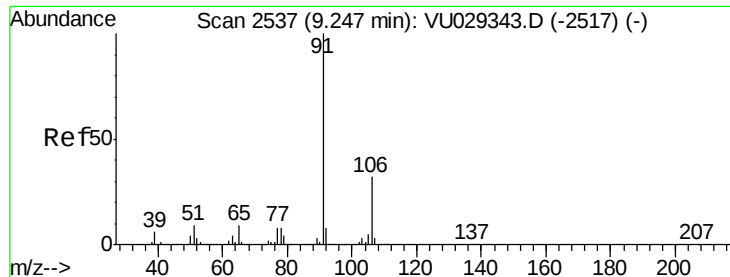
Tgt Ion:117 Resp: 11239
 Ion Ratio Lower Upper
 117 100
 167 88.8 65.9 98.9



#62
 Hexachloroethane
 Concen: 0.706 ug/l
 RT: 12.14 min Scan# 3437
 Delta R.T. -0.00 min
 Lab File: VU029676.D
 Acq: 26 Feb 2019 12:35

Tgt Ion:117 Resp: 10204
 Ion Ratio Lower Upper
 117 100
 201 92.0 68.2 102.2

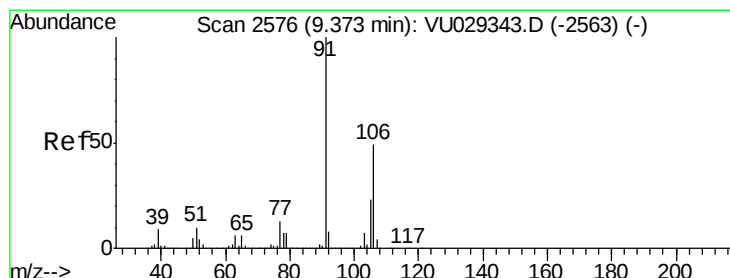
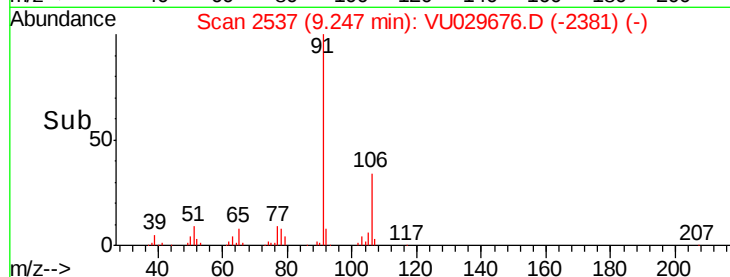
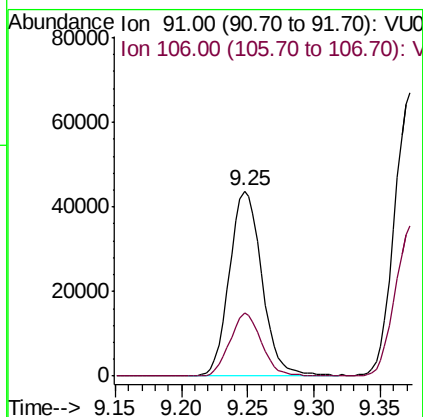
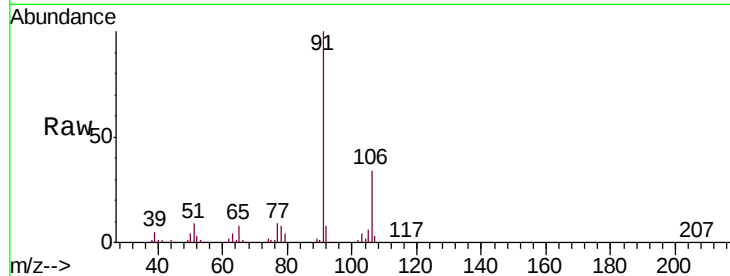




#63
Ethyl Benzene
Concen: 0.932 ug/l
RT: 9.25 min Scan# 2537
Delta R.T. 0.00 min
Lab File: VU029676.D
Acq: 26 Feb 2019 12:35

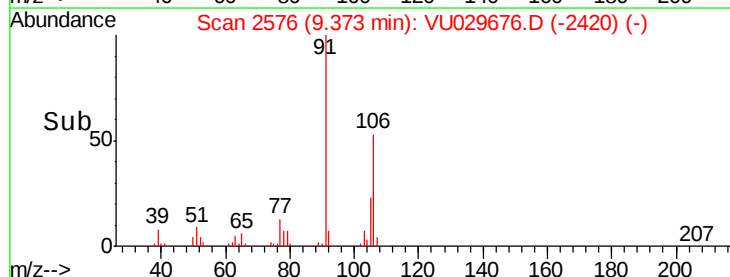
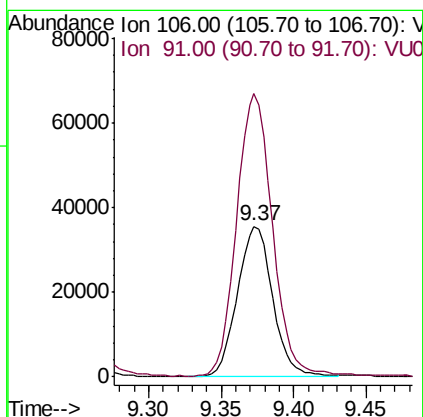
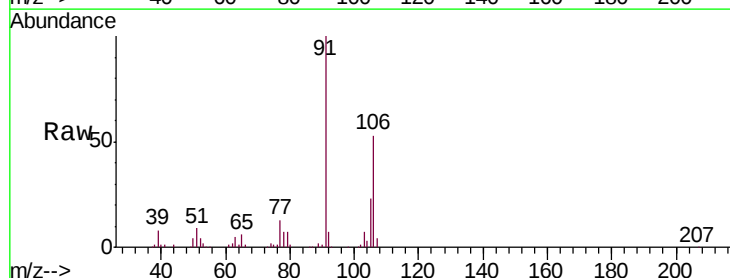
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2019

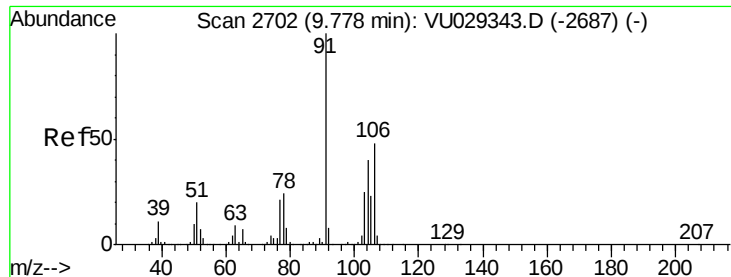
Tgt Ion: 91 Resp: 74884
Ion Ratio Lower Upper
91 100
106 33.9 23.8 35.6



#64
m/p-Xylenes
Concen: 1.937 ug/l
RT: 9.37 min Scan# 2576
Delta R.T. 0.00 min
Lab File: VU029676.D
Acq: 26 Feb 2019 12:35

Tgt Ion: 106 Resp: 60486
Ion Ratio Lower Upper
106 100
91 190.3 174.6 261.8

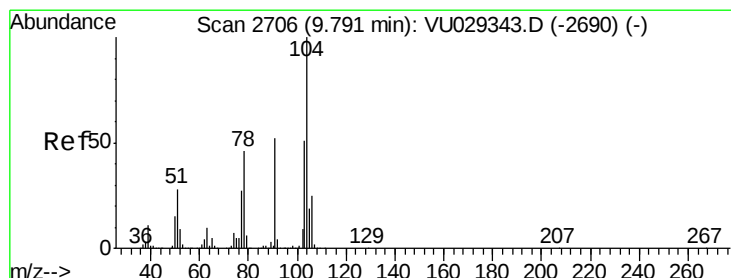
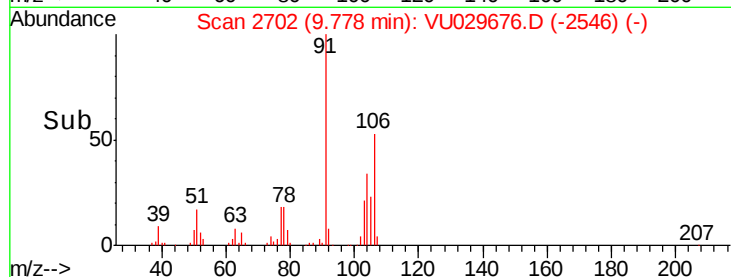
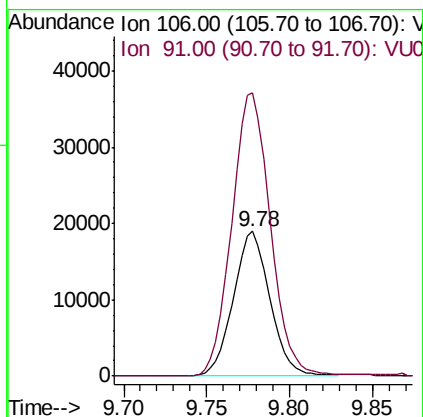
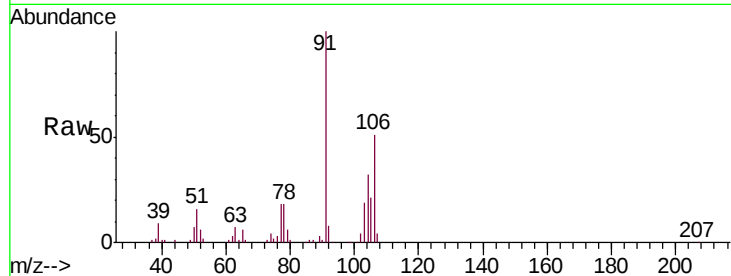




#65
o-Xylene
Concen: 0.952 ug/l
RT: 9.78 min Scan# 2702
Delta R.T. 0.00 min
Lab File: VU029676.D
Acq: 26 Feb 2019 12:35

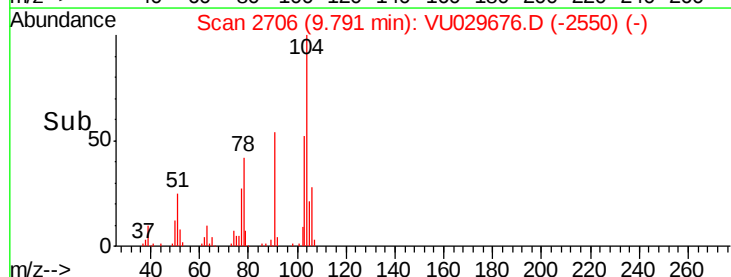
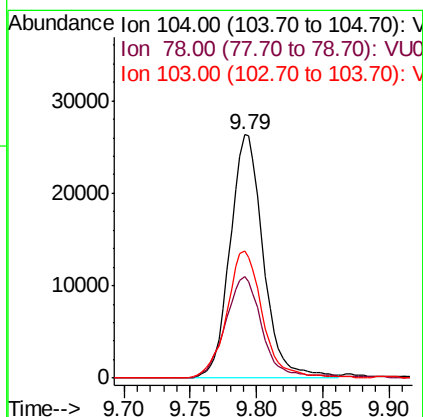
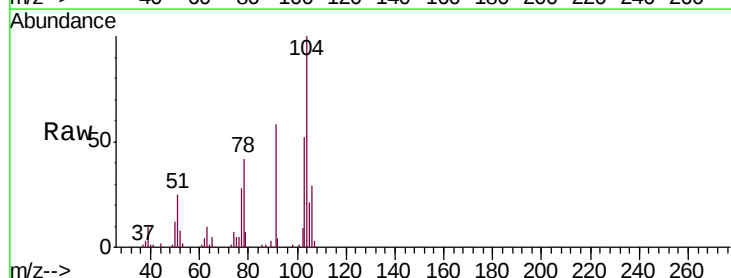
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2019

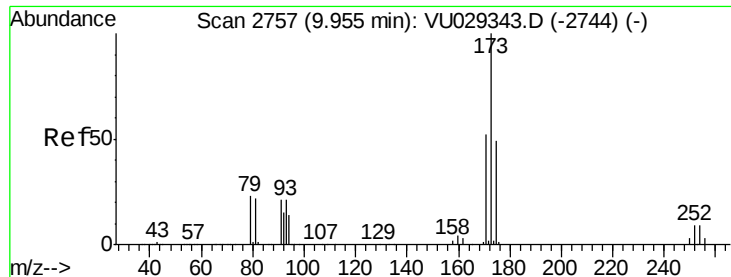
Tgt Ion:106 Resp: 29168
Ion Ratio Lower Upper
106 100
91 206.6 114.5 343.4



#66
Styrene
Concen: 0.900 ug/l
RT: 9.79 min Scan# 2706
Delta R.T. 0.00 min
Lab File: VU029676.D
Acq: 26 Feb 2019 12:35

Tgt Ion:104 Resp: 45985
Ion Ratio Lower Upper
104 100
78 45.3 46.5 69.7#
103 56.0 44.7 67.1

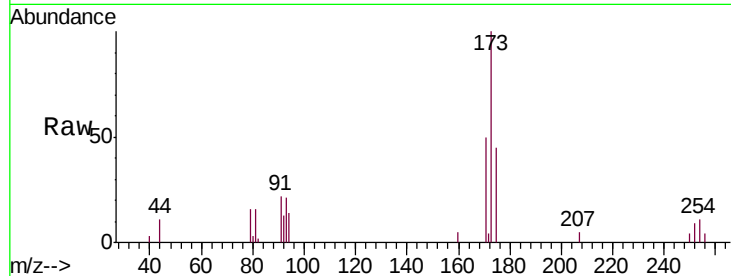




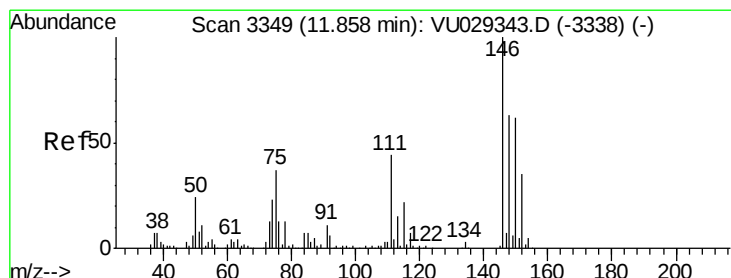
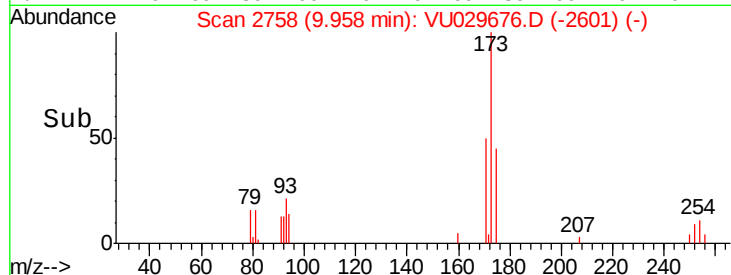
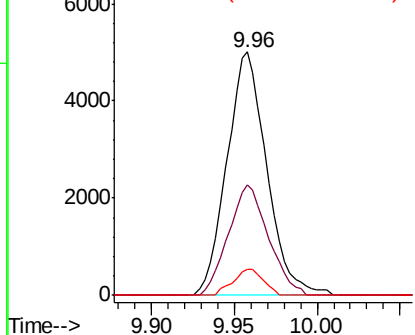
#67
Bromoform
Concen: 0.804 ug/l
RT: 9.96 min Scan# 2758
Delta R.T. 0.00 min
Lab File: VU029676.D
Acq: 26 Feb 2019 12:35

Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2019

Tgt Ion:173 Resp: 8371
Ion Ratio Lower Upper
173 100
175 45.4 38.9 58.3
254 8.1 7.4 11.2

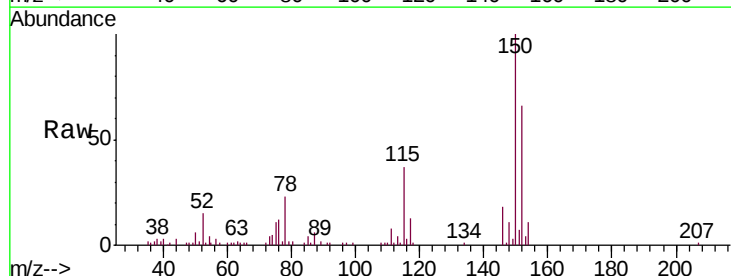


Abundance Ion 172.90 (172.60 to 173.60): V
Ion 174.90 (174.60 to 175.60): V
Ion 253.75 (253.45 to 254.45): V

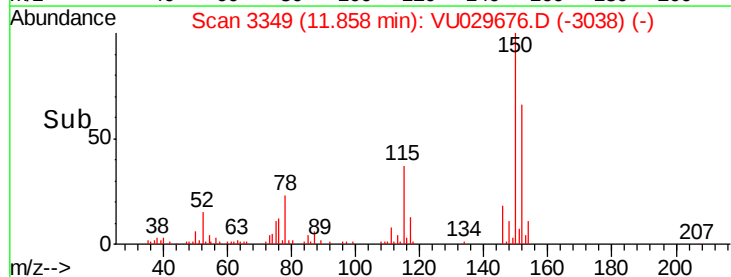
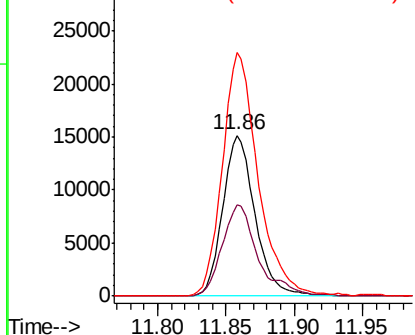


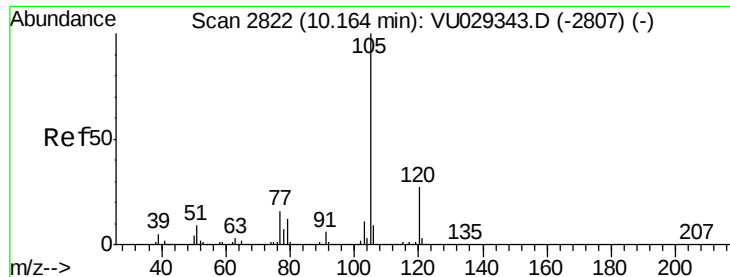
#68
1,2-Dichlorobenzene-d4
Concen: 0.804 ug/l
RT: 11.86 min Scan# 3349
Delta R.T. 0.00 min
Lab File: VU029676.D
Acq: 26 Feb 2019 12:35

Tgt Ion:152 Resp: 24879
Ion Ratio Lower Upper
152 100
115 62.4 0.0 133.4
150 167.5 0.0 670.8



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





#69

Isopropylbenzene

Concen: 0.922 ug/l

RT: 10.16 min Scan# 2822

Delta R.T. 0.00 min

Lab File: VU029676.D

Acq: 26 Feb 2019 12:35

Instrument :

MSVOA_U

ClientSampleId :

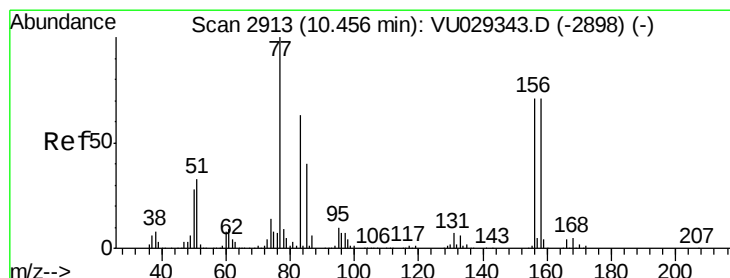
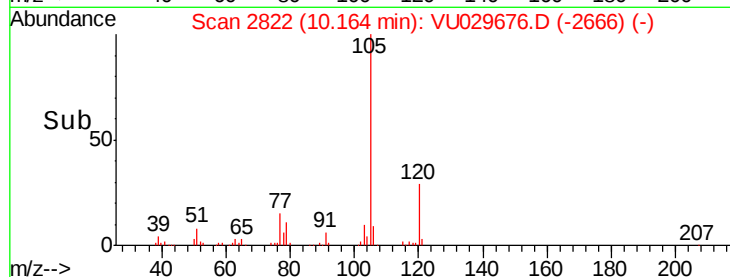
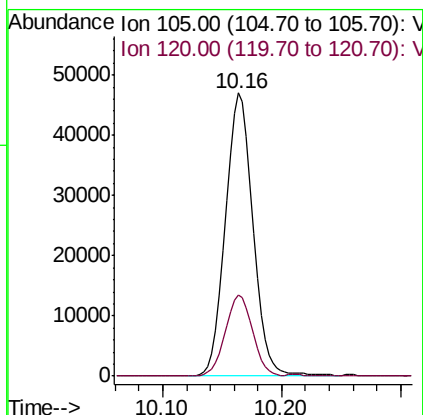
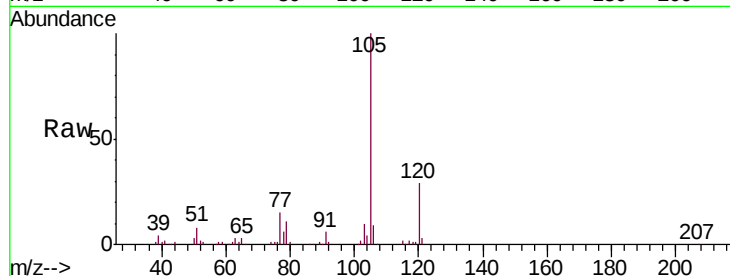
LOQ-WATER-02-QT1-2019

Tgt Ion:105 Resp: 75484

Ion Ratio Lower Upper

105 100

120 28.3 12.6 37.6



#70

1,1,2,2-Tetrachloroethane

Concen: 0.975 ug/l

RT: 10.46 min Scan# 2913

Delta R.T. 0.00 min

Lab File: VU029676.D

Acq: 26 Feb 2019 12:35

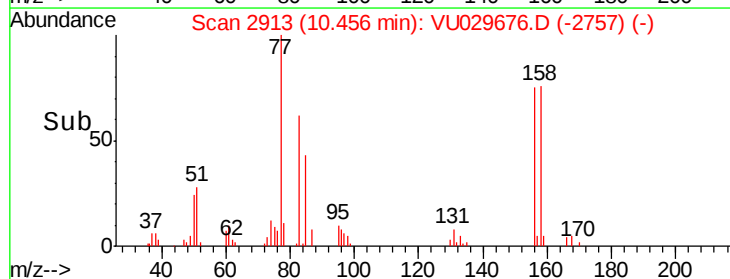
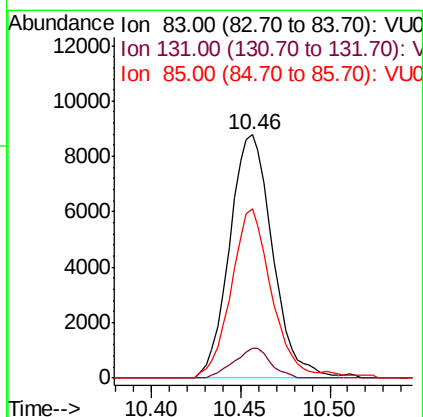
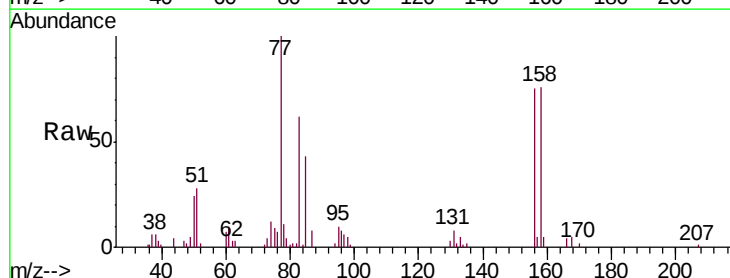
Tgt Ion: 83 Resp: 14713

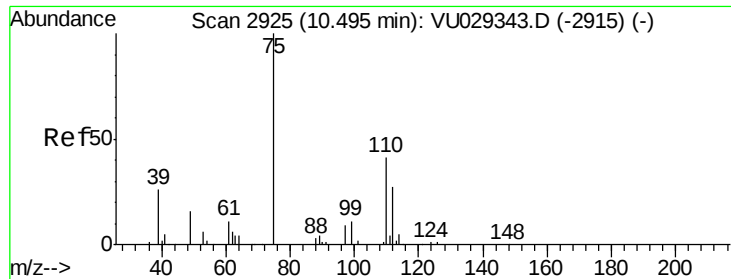
Ion Ratio Lower Upper

83 100

131 10.5 8.1 12.1

85 66.1 50.3 75.5

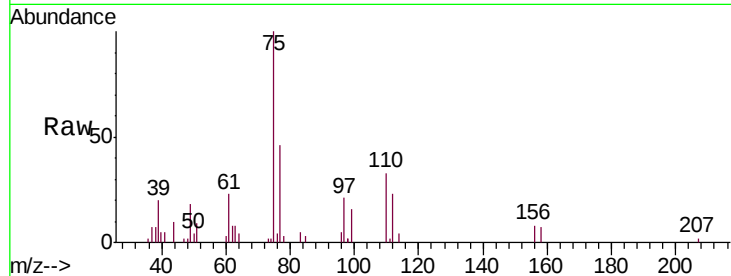




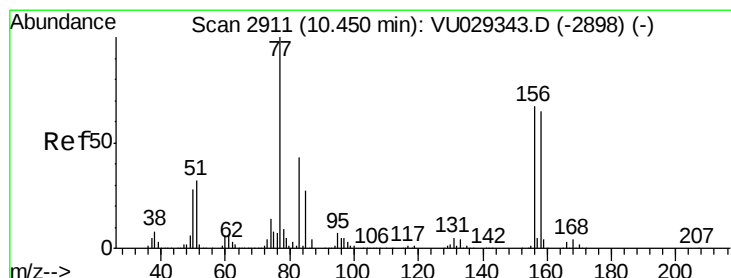
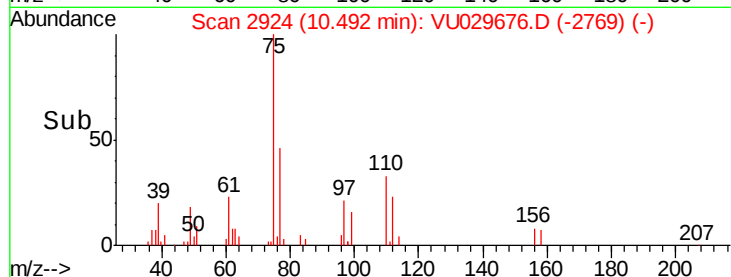
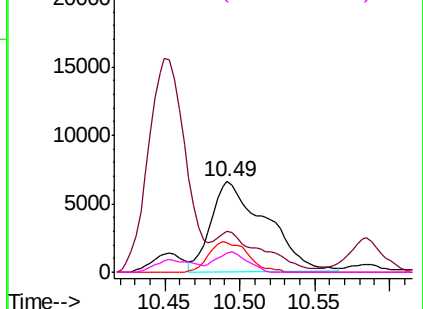
#71
 1,2,3-Trichloropropane
 Concen: 1.609 ug/l
 RT: 10.49 min Scan# 2924
 Delta R.T. -0.00 min
 Lab File: VU029676.D
 Acq: 26 Feb 2019 12:35

Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT1-2019

Tgt Ion: 75 Resp: 16686
 Ion Ratio Lower Upper
 75 100
 77 38.3 0.0 0.0#
 110 24.5 0.0 63.6
 97 13.0 0.0 31.4

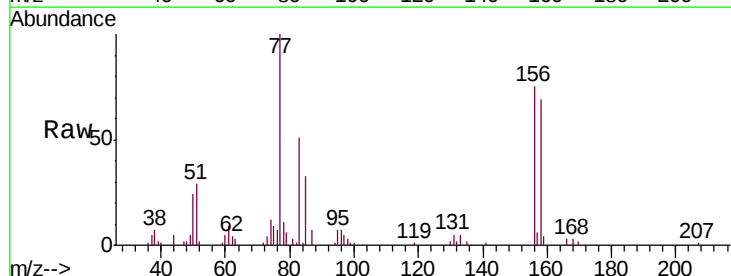


Abundance Ion 75.00 (74.70 to 75.70): VU0
 Ion 77.00 (76.70 to 77.70): VU0
 Ion 110.00 (109.70 to 110.70): V
 Ion 97.00 (96.70 to 97.70): VU0

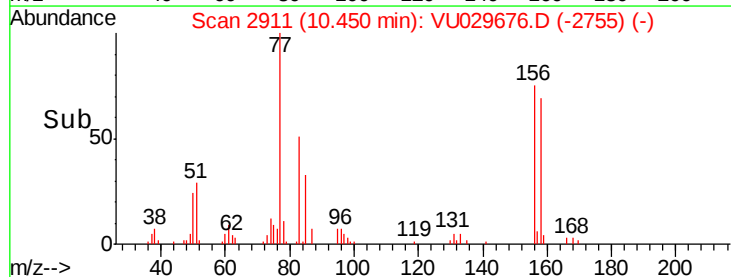
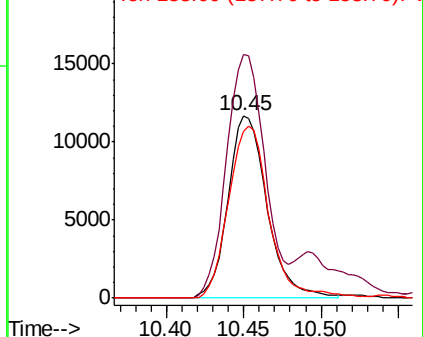


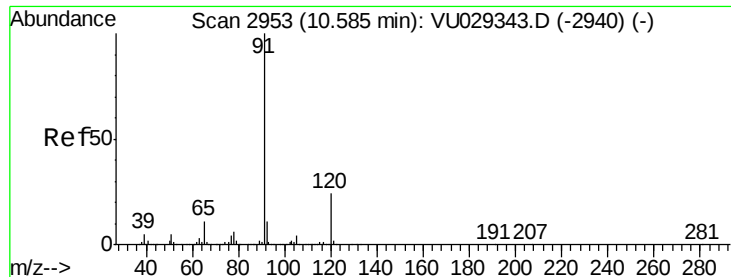
#72
 Bromobenzene
 Concen: 1.027 ug/l
 RT: 10.45 min Scan# 2911
 Delta R.T. 0.00 min
 Lab File: VU029676.D
 Acq: 26 Feb 2019 12:35

Tgt Ion: 156 Resp: 20386
 Ion Ratio Lower Upper
 156 100
 77 132.3 0.0 343.8
 158 98.0 0.0 195.0



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: 0.890 ug/l

RT: 10.58 min Scan# 2953

Delta R.T. 0.00 min

Lab File: VU029676.D

Acq: 26 Feb 2019 12:35

Instrument :

MSVOA_U

ClientSampleId :

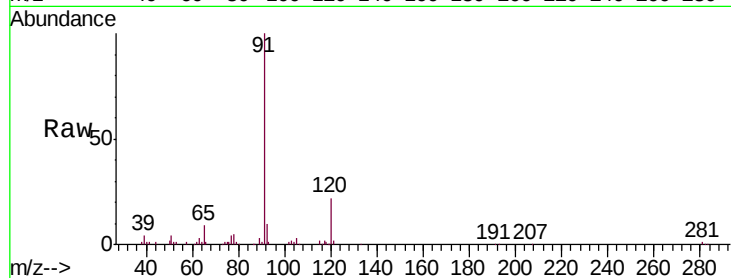
LOQ-WATER-02-QT1-2019

Tgt Ion:120 Resp: 20290

Ion Ratio Lower Upper

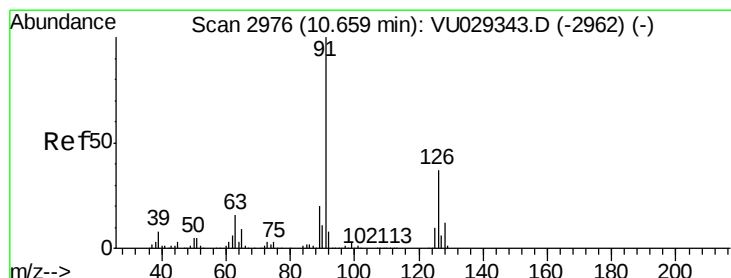
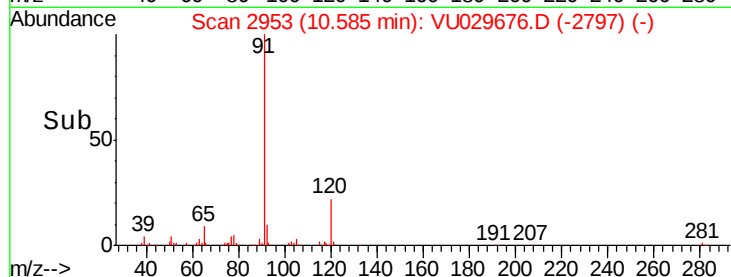
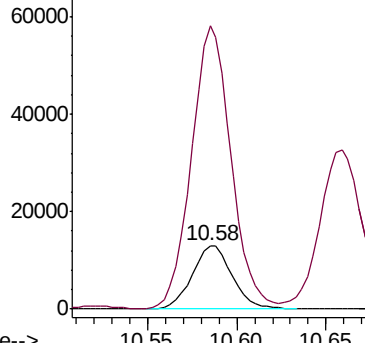
120 100

91 438.3 370.0 555.0



Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0



#74

2-Chlorotoluene

Concen: 0.982 ug/l

RT: 10.66 min Scan# 2976

Delta R.T. 0.00 min

Lab File: VU029676.D

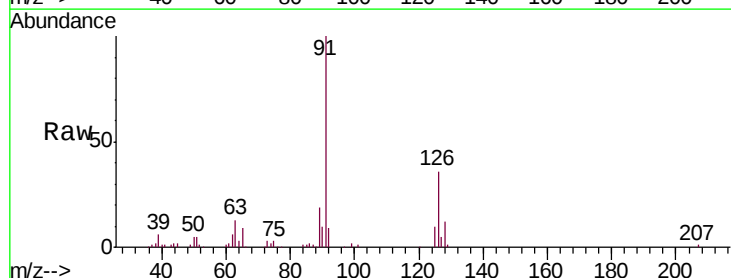
Acq: 26 Feb 2019 12:35

Tgt Ion:126 Resp: 19074

Ion Ratio Lower Upper

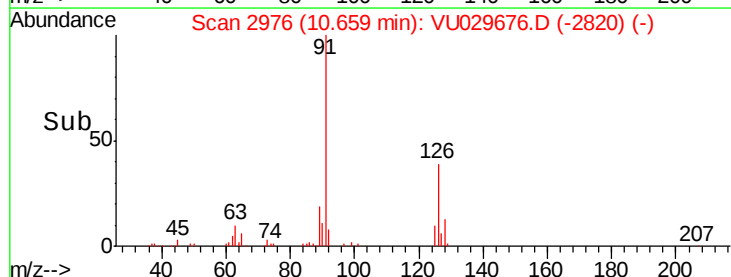
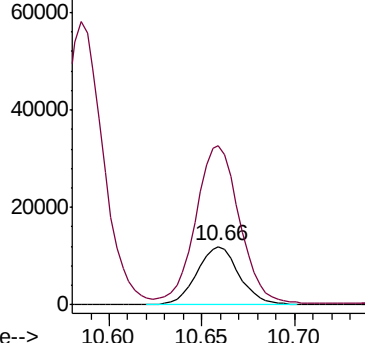
126 100

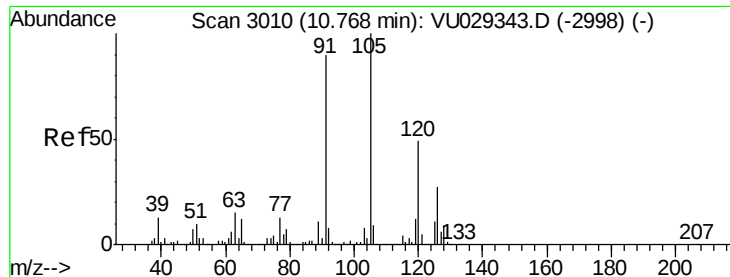
91 280.9 0.0 643.0



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0





#75

1,3,5-Trimethylbenzene

Concen: 0.885 ug/l

RT: 10.77 min Scan# 3010

Delta R.T. 0.00 min

Lab File: VU029676.D

Acq: 26 Feb 2019 12:35

Instrument :

MSVOA_U

ClientSampleId :

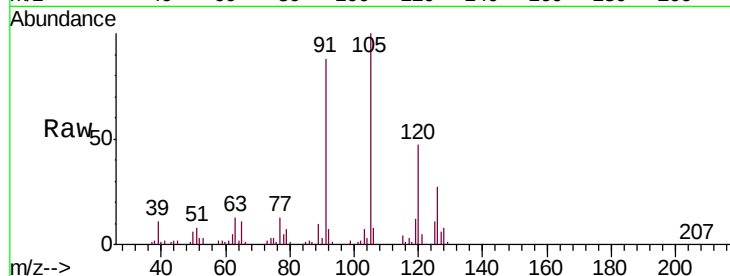
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Tgt Ion:105 Resp: 62509

Ion Ratio Lower Upper

105 100

120 49.0 37.3 55.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

10.77

40000

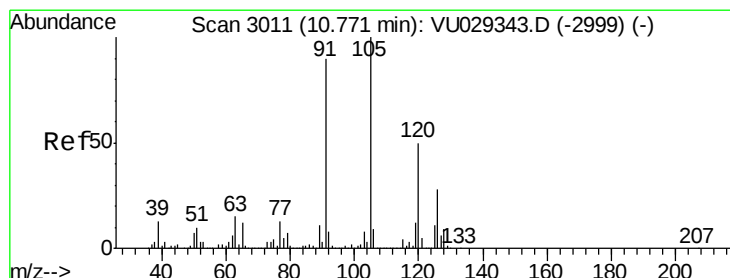
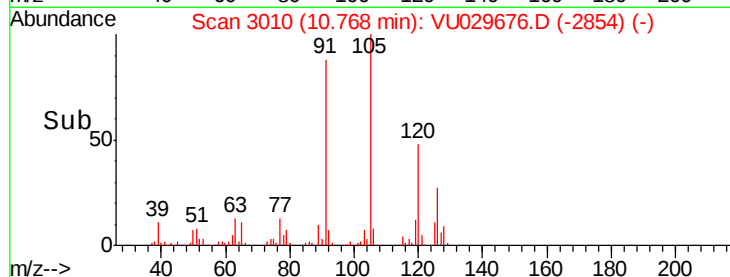
30000

20000

10000

0

Time--> 10.70 10.75 10.80 10.85



#76

4-Chlorotoluene

Concen: 0.974 ug/l

RT: 10.77 min Scan# 3011

Delta R.T. 0.00 min

Lab File: VU029676.D

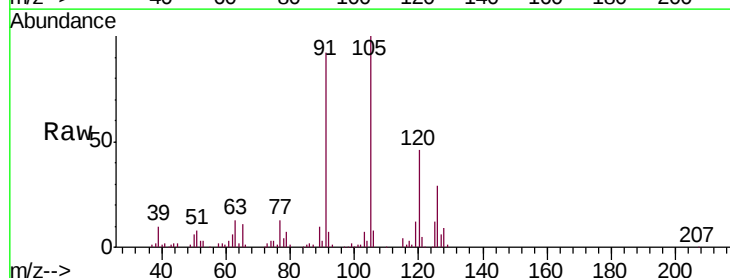
Acq: 26 Feb 2019 12:35

Tgt Ion:126 Resp: 19641

Ion Ratio Lower Upper

126 100

91 299.8 0.0 727.4



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0

10.77

40000

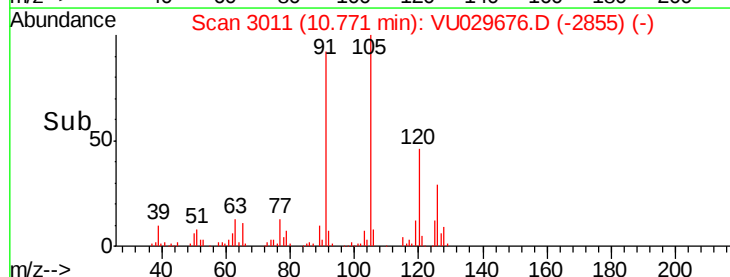
30000

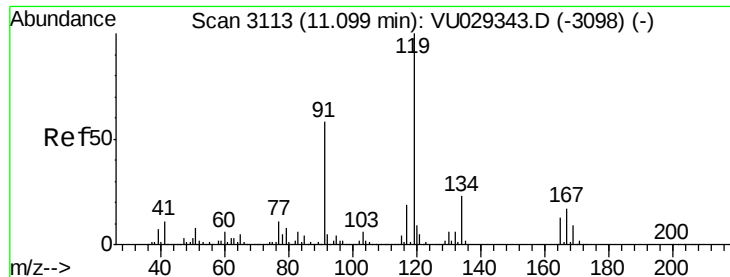
20000

10000

0

Time--> 10.70 10.75 10.80 10.85

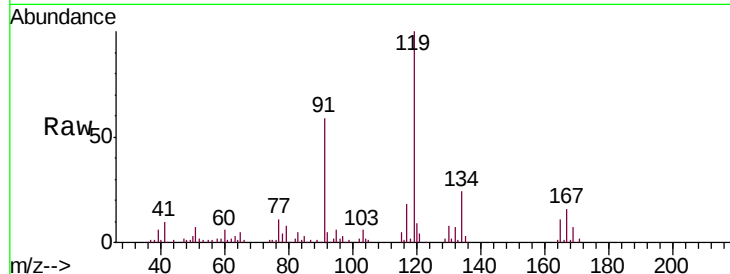




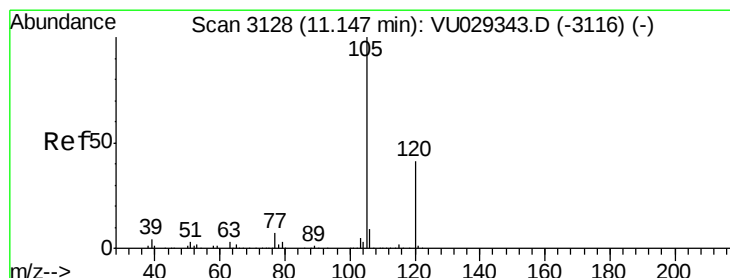
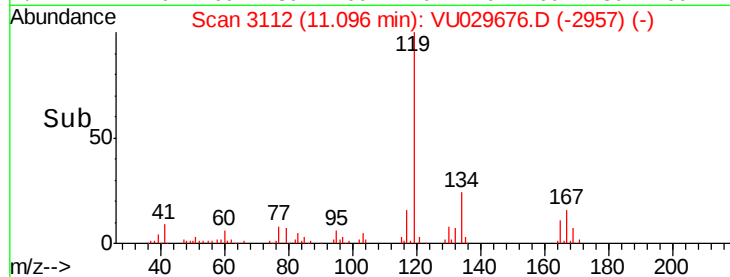
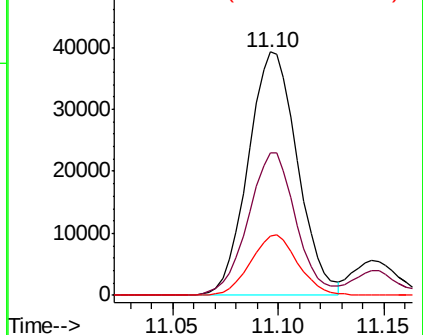
#77
 tert-Butylbenzene
 Concen: 0.916 ug/l
 RT: 11.10 min Scan# 3112
 Delta R.T. -0.00 min
 Lab File: VU029676.D
 Acq: 26 Feb 2019 12:35

Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT1-2019

Tgt Ion:119 Resp: 63894
 Ion Ratio Lower Upper
 119 100
 91 56.5 32.2 96.6
 134 23.7 17.6 26.4

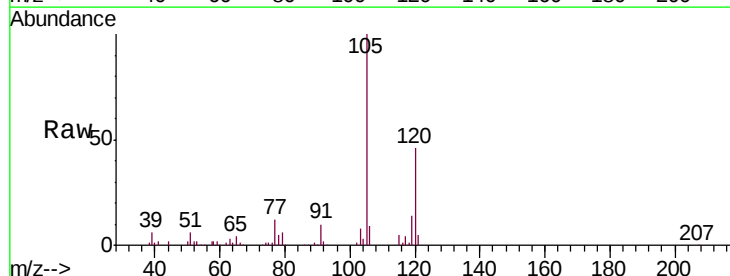


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VU0
 Ion 134.00 (133.70 to 134.70): V

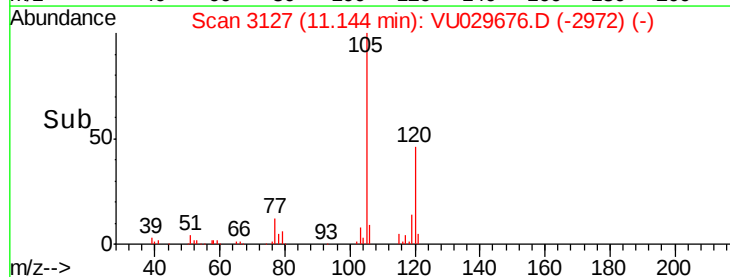
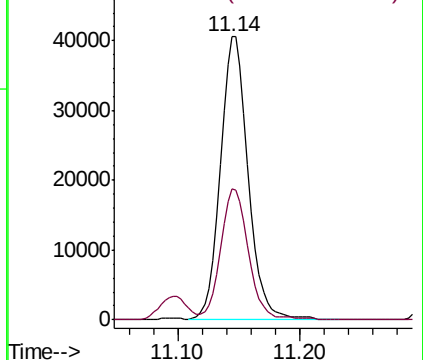


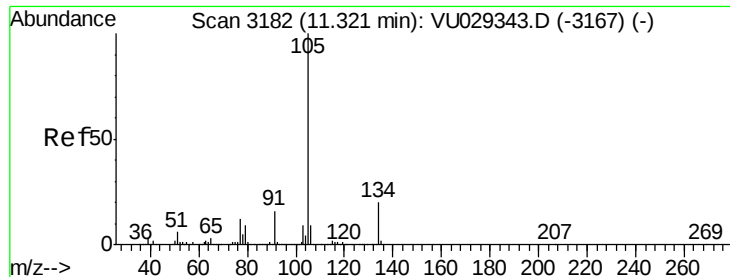
#78
 1,2,4-Trimethylbenzene
 Concen: 0.898 ug/l
 RT: 11.14 min Scan# 3127
 Delta R.T. -0.00 min
 Lab File: VU029676.D
 Acq: 26 Feb 2019 12:35

Tgt Ion:105 Resp: 64178
 Ion Ratio Lower Upper
 105 100
 120 47.0 21.4 64.3



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#79

sec-Butylbenzene

Concen: 0.948 ug/l

RT: 11.32 min Scan# 3182

Delta R.T. 0.00 min

Lab File: VU029676.D

Acq: 26 Feb 2019 12:35

Instrument :

MSVOA_U

ClientSampleId :

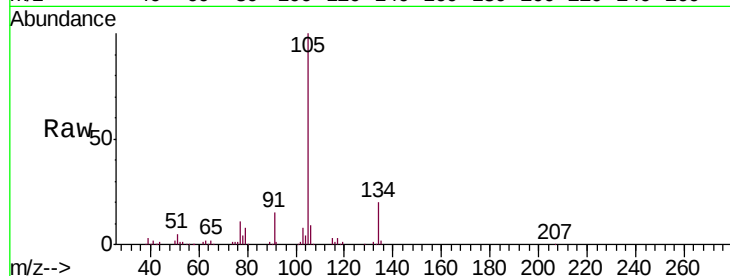
LOQ-WATER-02-QT1-2019

Tgt Ion:105 Resp: 86581

Ion Ratio Lower Upper

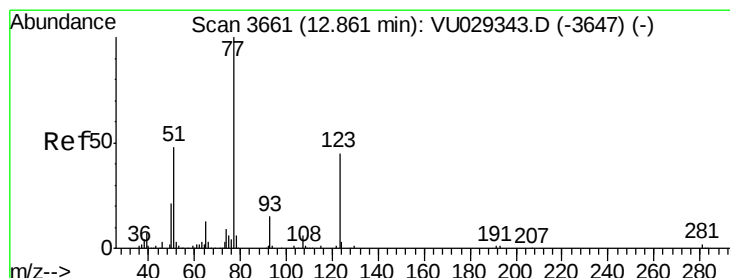
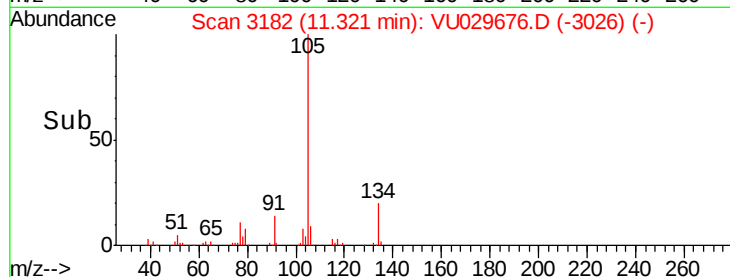
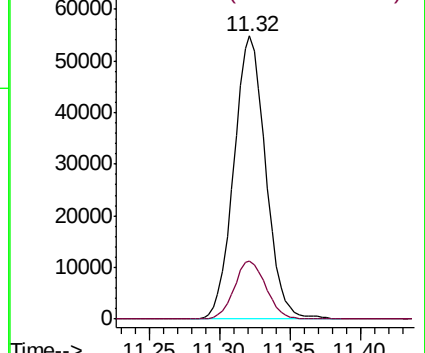
105 100

134 20.5 15.0 22.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#80

Nitrobenzene

Concen: 0.343 ug/l

RT: 12.87 min Scan# 3664

Delta R.T. 0.01 min

Lab File: VU029676.D

Acq: 26 Feb 2019 12:35

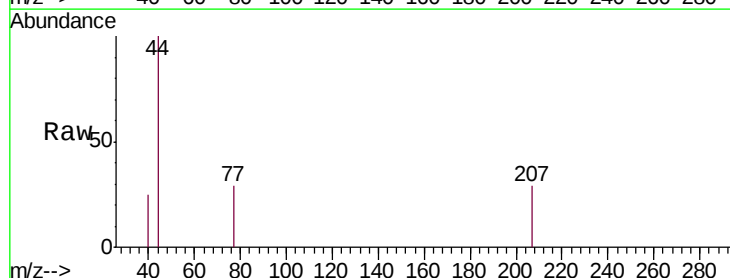
Tgt Ion: 77 Resp: 231

Ion Ratio Lower Upper

77 100

123 0.0 17.5 61.9#

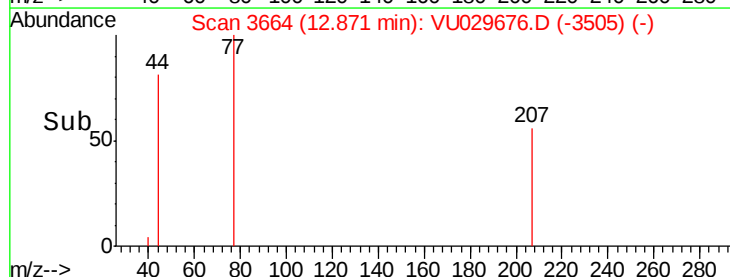
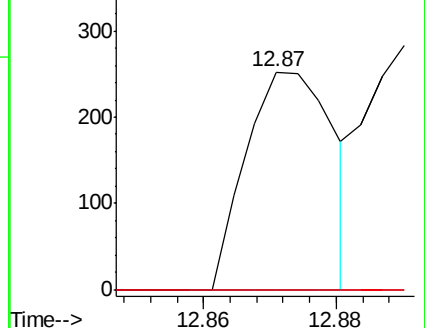
65 0.0 10.8 13.8#

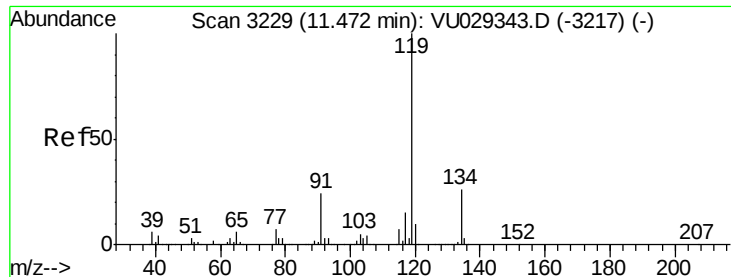


Abundance Ion 77.00 (76.70 to 77.70): VU0

Ion 123.00 (122.70 to 123.70): V

Ion 65.00 (64.70 to 65.70): VU0

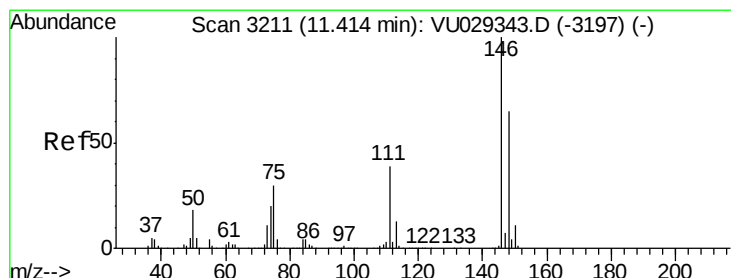
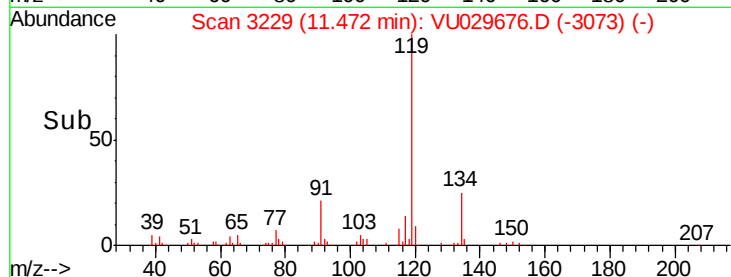
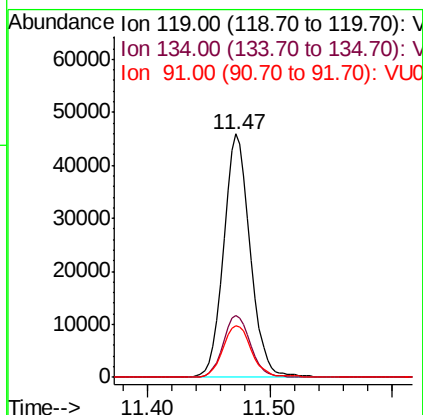
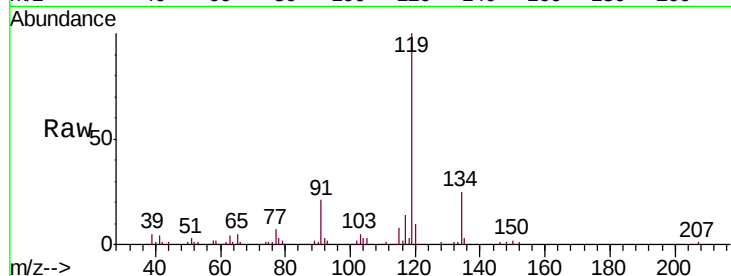




#81
p-Isopropyltoluene
Concen: 0.910 ug/l
RT: 11.47 min Scan# 3229
Delta R.T. 0.00 min
Lab File: VU029676.D
Acq: 26 Feb 2019 12:35

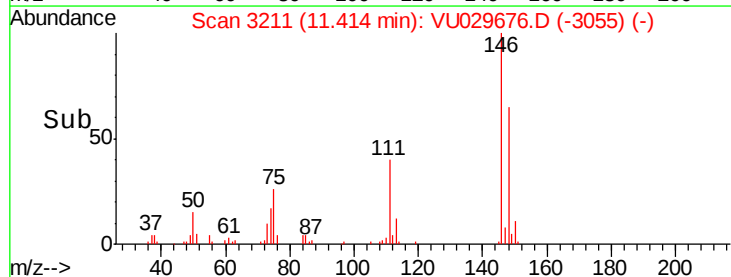
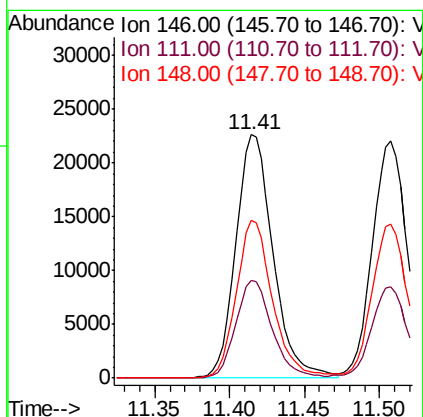
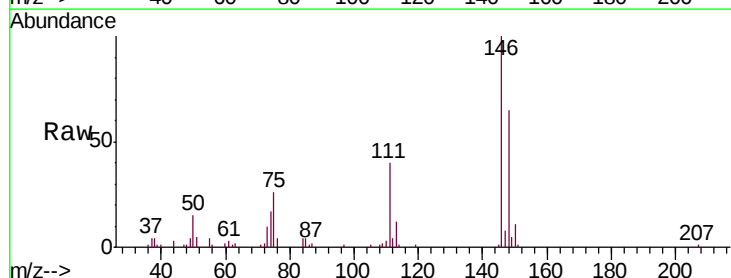
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2019

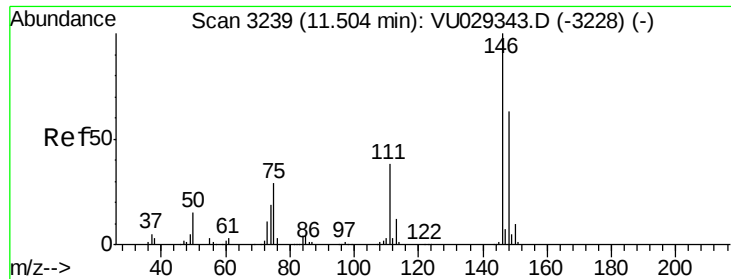
Tgt Ion:119 Resp: 70432
Ion Ratio Lower Upper
119 100
134 26.3 19.8 29.6
91 22.7 21.5 32.3



#82
1,3-Dichlorobenzene
Concen: 1.009 ug/l
RT: 11.41 min Scan# 3211
Delta R.T. 0.00 min
Lab File: VU029676.D
Acq: 26 Feb 2019 12:35

Tgt Ion:146 Resp: 39287
Ion Ratio Lower Upper
146 100
111 39.1 34.1 51.1
148 63.0 52.3 78.5

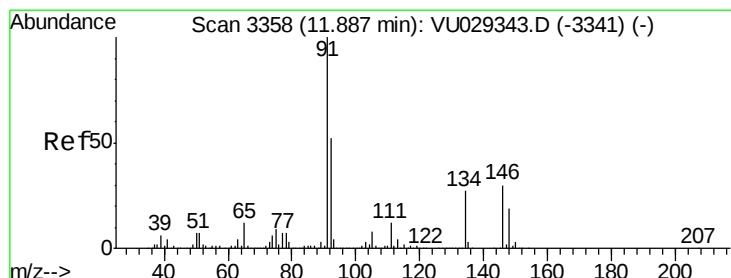
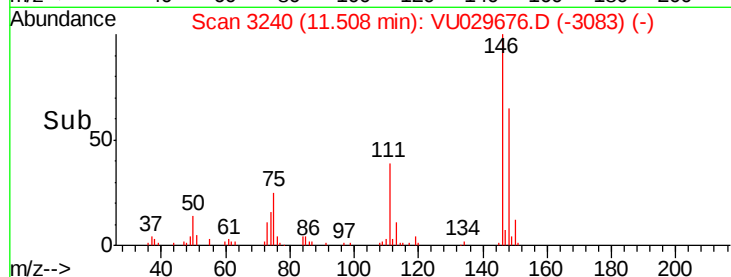
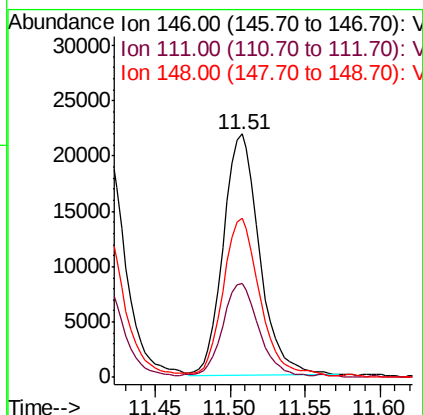
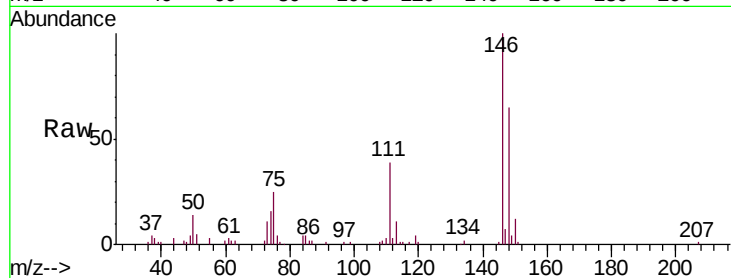




#83
 1,4-Dichlorobenzene
 Concen: 0.957 ug/l
 RT: 11.51 min Scan# 3240
 Delta R.T. 0.00 min
 Lab File: VU029676.D
 Acq: 26 Feb 2019 12:35

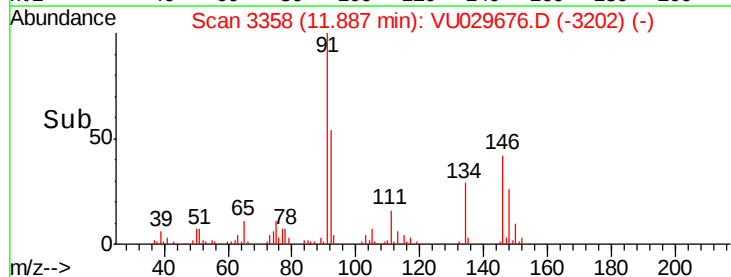
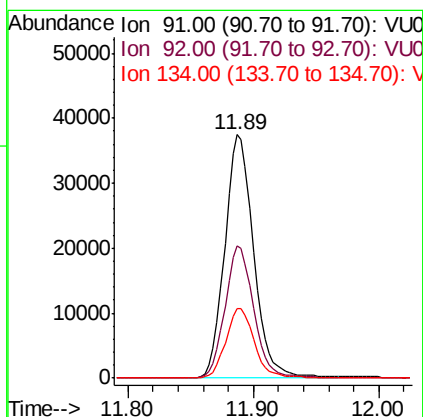
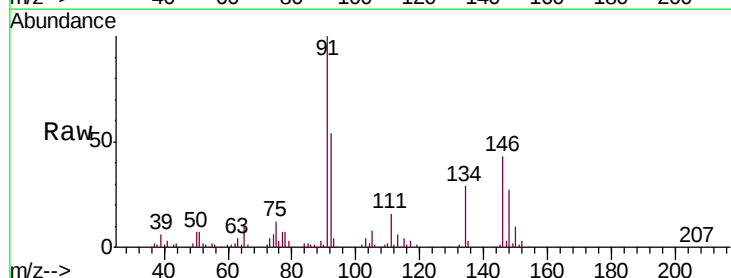
Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT1-2019

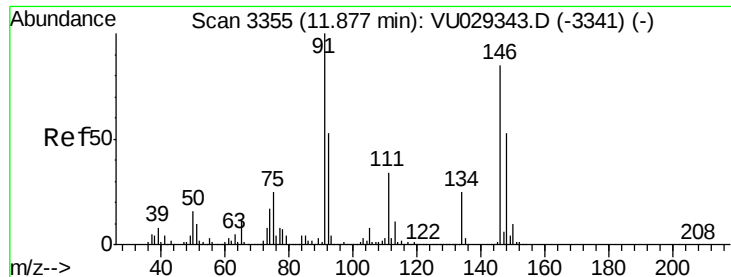
Tgt Ion: 146 Resp: 37124
 Ion Ratio Lower Upper
 146 100
 111 37.5 32.9 49.3
 148 66.0 51.8 77.6



#84
 n-Butylbenzene
 Concen: 0.843 ug/l
 RT: 11.89 min Scan# 3358
 Delta R.T. 0.00 min
 Lab File: VU029676.D
 Acq: 26 Feb 2019 12:35

Tgt Ion: 91 Resp: 59907
 Ion Ratio Lower Upper
 91 100
 92 53.6 41.0 61.6
 134 28.1 19.1 28.7





#85

1,2-Dichlorobenzene

Concen: 1.030 ug/l

RT: 11.88 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VU029676.D

Acq: 26 Feb 2019 12:35

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT1-2019

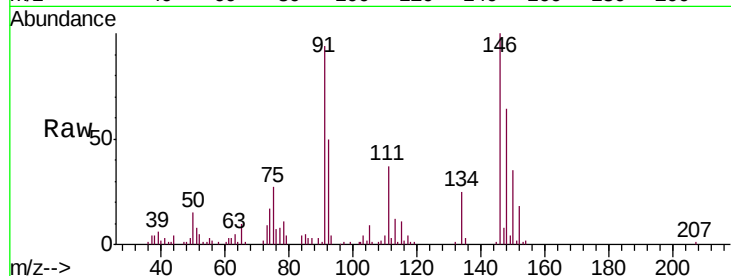
Tgt Ion:146 Resp: 37931

Ion Ratio Lower Upper

146 100

111 38.7 21.9 65.8

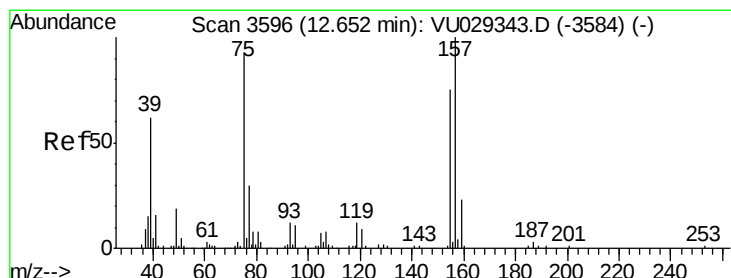
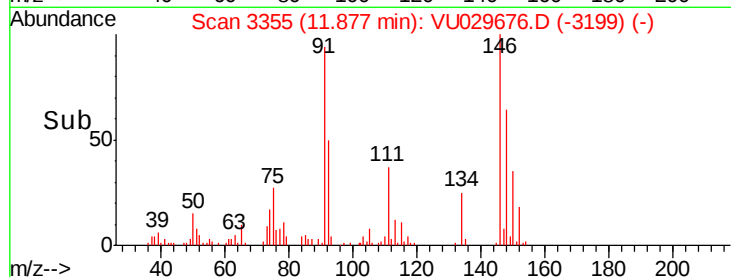
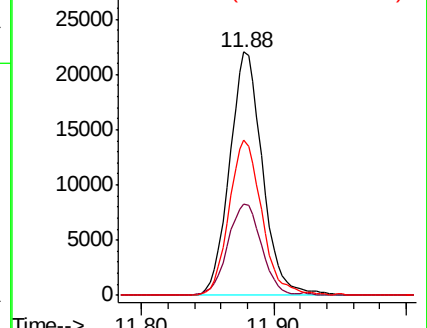
148 63.5 31.8 95.3



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#86

1,2-Dibromo-3-Chloropropane

Concen: 0.700 ug/l

RT: 12.66 min Scan# 3598

Delta R.T. 0.01 min

Lab File: VU029676.D

Acq: 26 Feb 2019 12:35

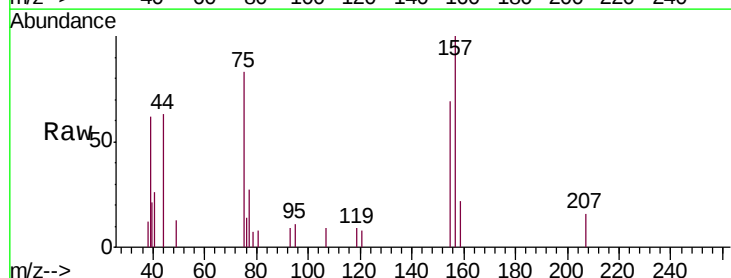
Tgt Ion: 75 Resp: 1972

Ion Ratio Lower Upper

75 100

155 89.6 53.8 80.8#

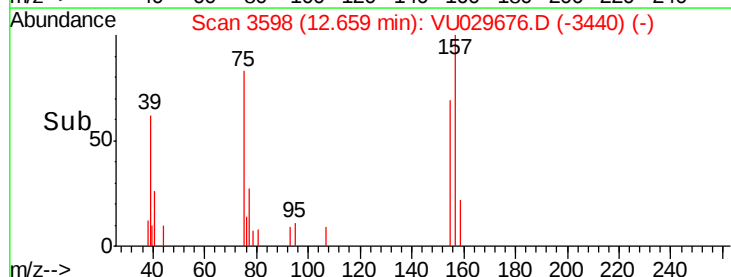
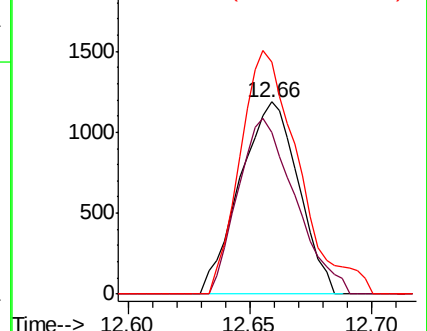
157 127.4 69.2 103.8#

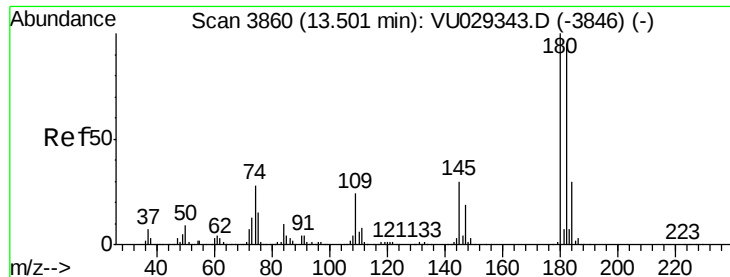


Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

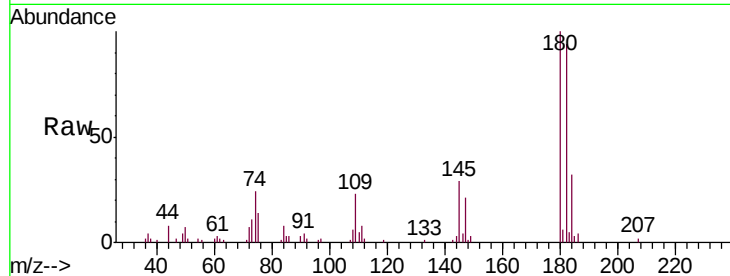




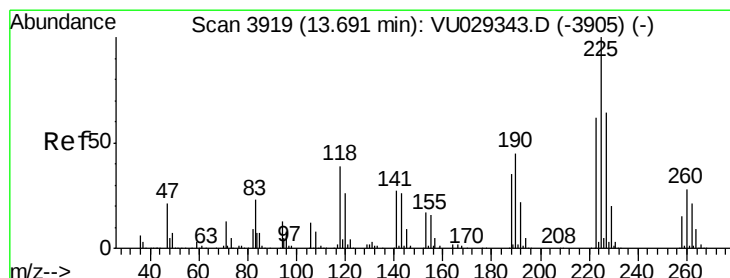
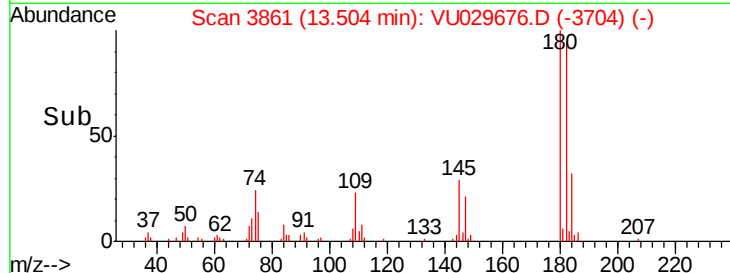
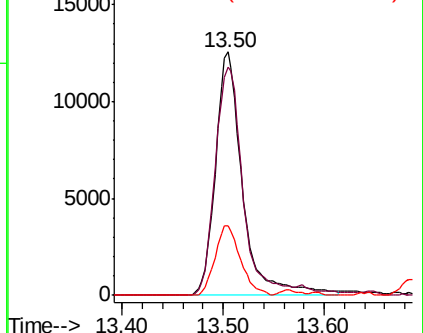
#87
 1,2,4-Trichlorobenzene
 Concen: 0.911 ug/l
 RT: 13.50 min Scan# 3861
 Delta R.T. 0.00 min
 Lab File: VU029676.D
 Acq: 26 Feb 2019 12:35

Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT1-2019

Tgt Ion:180 Resp: 23569
 Ion Ratio Lower Upper
 180 100
 182 95.0 76.6 114.8
 145 26.7 24.6 36.8

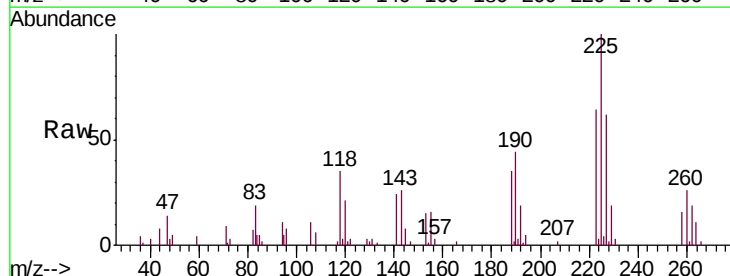


Abundance Ion 179.70 (179.40 to 180.40): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

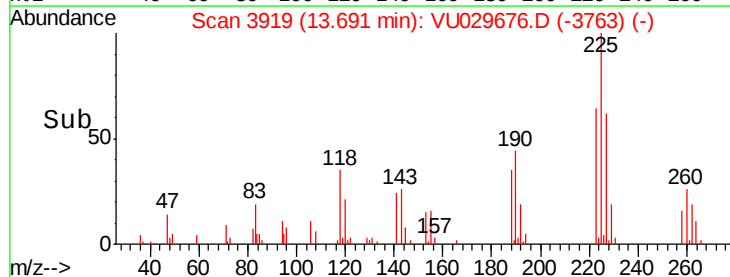
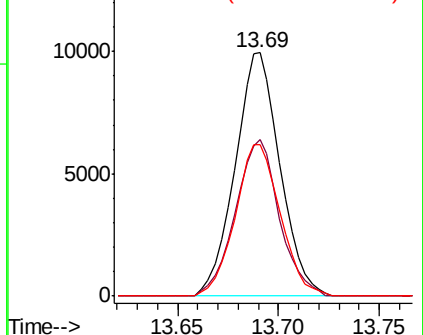


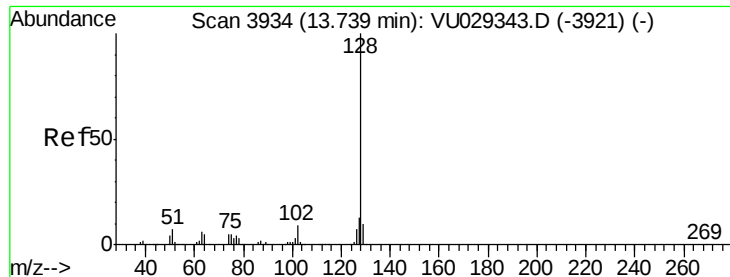
#88
 Hexachlorobutadiene
 Concen: 1.034 ug/l
 RT: 13.69 min Scan# 3919
 Delta R.T. 0.00 min
 Lab File: VU029676.D
 Acq: 26 Feb 2019 12:35

Tgt Ion:225 Resp: 15483
 Ion Ratio Lower Upper
 225 100
 223 63.1 49.5 74.3
 227 62.6 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: 0.844 ug/l

RT: 13.75 min Scan# 3936

Delta R.T. 0.01 min

Lab File: VU029676.D

Acq: 26 Feb 2019 12:35

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT1-2019

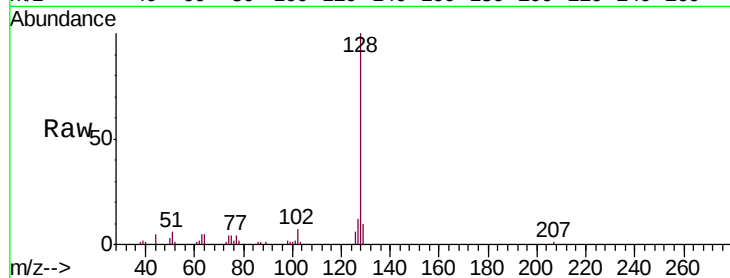
Tgt Ion:128 Resp: 37016

Ion Ratio Lower Upper

128 100

127 11.3 10.7 16.1

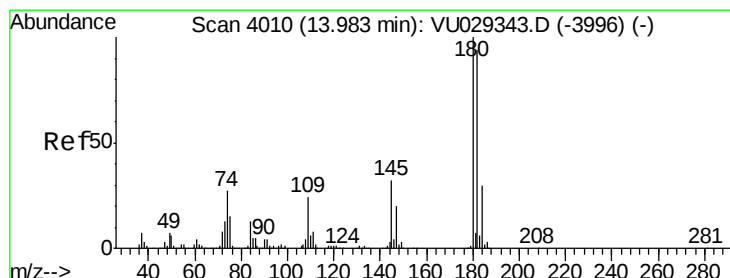
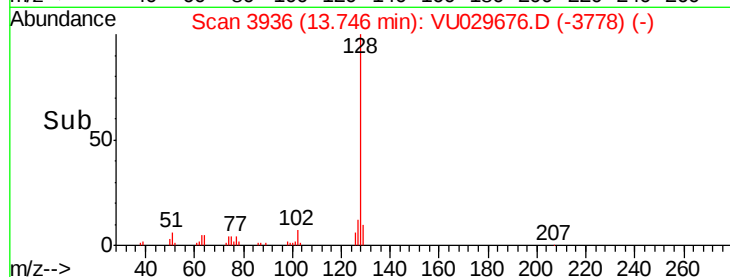
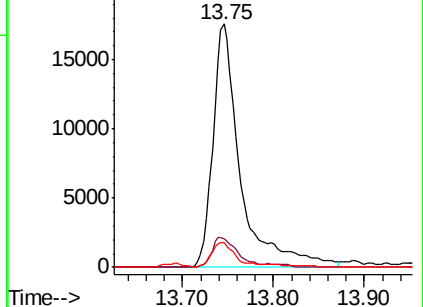
129 9.0 8.2 12.4



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: 0.958 ug/l

RT: 13.99 min Scan# 4011

Delta R.T. 0.00 min

Lab File: VU029676.D

Acq: 26 Feb 2019 12:35

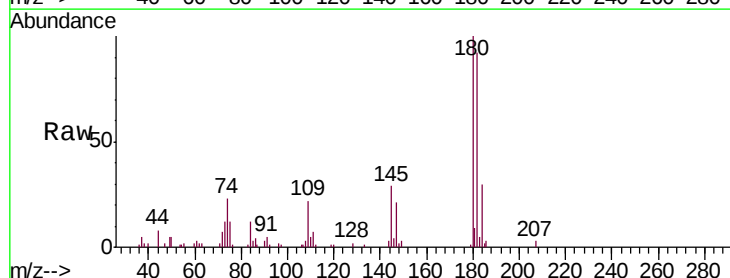
Tgt Ion:180 Resp: 22639

Ion Ratio Lower Upper

180 100

182 95.9 78.0 117.0

145 31.9 26.6 39.8



Abundance Ion 179.70 (179.40 to 180.40): V

Ion 181.70 (181.40 to 182.40): V

Ion 144.80 (144.50 to 145.50): V

