

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072019\
 Data File : VX010993.D
 Acq On : 19 Jul 2019 11:34
 Operator : JC/SP
 Sample : 5PPB LOO
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT3-2019

Quant Time: Jul 20 00:58:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 17 06:57:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	232235	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	342305	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	307748	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	160640	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	113448	45.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.84%	
35) Dibromofluoromethane	5.49	113	99771	45.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.84%	
50) Toluene-d8	8.71	98	383678	47.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.16%	
62) 4-Bromofluorobenzene	11.13	95	139421	46.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.10%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.20	85	6519	3.150 ug/l	97
3) Chloromethane	1.32	50	8278	3.876 ug/l	98
4) Vinyl Chloride	1.41	62	8730	4.008 ug/l	94
5) Bromomethane	1.64	94	5674	4.622 ug/l	98
6) Chloroethane	1.72	64	6699	4.839 ug/l	98
7) Trichlorofluoromethane	1.93	101	17324	4.698 ug/l	96
8) Diethyl Ether	2.18	74	6553	5.158 ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	10413	4.946 ug/l	97
10) Methyl Iodide	2.51	142	7505	2.716 ug/l	98
11) Tert butyl alcohol	3.04	59	16909	29.387 ug/l	98
12) 1,1-Dichloroethene	2.37	96	9659	4.669 ug/l	95
13) Acrolein	2.29	56	7766	23.361 ug/l	93
14) Allyl chloride	2.72	41	13816	4.598 ug/l	94
15) Acrylonitrile	3.14	53	27794	23.905 ug/l	99
16) Acetone	2.44	43	27876	24.982 ug/l	100
17) Carbon Disulfide	2.57	76	22623	4.264 ug/l	99
18) Methyl Acetate	2.77	43	16126	6.347 ug/l	98
19) Methyl tert-butyl Ether	3.19	73	32811	4.927 ug/l	97
20) Methylene Chloride	2.85	84	12067	5.103 ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	11297	5.147 ug/l	96
22) Diisopropyl ether	3.85	45	31487	4.969 ug/l	95
23) Vinyl Acetate	3.81	43	116156	21.633 ug/l	98
24) 1,1-Dichloroethane	3.70	63	17434	4.737 ug/l #	91
25) 2-Butanone	4.67	43	38495	24.032 ug/l	99
26) 2,2-Dichloropropane	4.58	77	14178	4.692 ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	12717	5.006 ug/l	99
28) Bromochloromethane	5.01	49	8820	5.086 ug/l	95
29) Tetrahydrofuran	5.13	42	24265	23.915 ug/l	98
30) Chloroform	5.21	83	19891	5.000 ug/l	99
31) Cyclohexane	5.57	56	17132	5.107 ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	16556	4.811 ug/l	97
36) 1,1-Dichloropropene	5.79	75	14335	5.098 ug/l	99
37) Ethyl Acetate	4.83	43	13852	4.811 ug/l #	93
38) Carbon Tetrachloride	5.78	117	13941	4.758 ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	18527	5.081	ug/l	95
40) Benzene	6.14	78	43910	5.098	ug/l	98
41) Methacrylonitrile	5.04	41	8126	4.972	ug/l	98
42) 1,2-Dichloroethane	6.19	62	15630	5.219	ug/l	98
43) Isopropyl Acetate	6.44	43	23018	4.862	ug/l	100
44) Trichloroethene	7.21	130	12781	5.013	ug/l	87
45) 1,2-Dichloropropane	7.51	63	11009	5.022	ug/l	98
46) Dibromomethane	7.66	93	8047	5.137	ug/l	99
47) Bromodichloromethane	7.89	83	13104	4.699	ug/l	93
48) Methyl methacrylate	7.76	41	11367	4.929	ug/l	95
49) 1,4-Dioxane	7.74	88	6295	97.580	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	75442	24.583	ug/l	99
52) Toluene	8.78	92	29002	5.126	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	12966	4.325	ug/l	94
54) cis-1,3-Dichloropropene	8.43	75	15085	4.522	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	11667	5.008	ug/l	95
56) Ethyl methacrylate	9.18	69	16955	4.975	ug/l	98
57) 1,3-Dichloropropane	9.37	76	19155	5.183	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	40035	24.611	ug/l	99
59) 2-Hexanone	9.49	43	58593	24.616	ug/l	99
60) Dibromochloromethane	9.58	129	10358	6.196	ug/l	99
61) 1,2-Dibromoethane	9.67	107	12094	4.892	ug/l	100
64) Tetrachloroethene	9.34	164	13042	5.387	ug/l	97
65) Chlorobenzene	10.13	112	32372	5.121	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	10481	4.718	ug/l	98
67) Ethyl Benzene	10.25	91	54591	5.074	ug/l	98
68) m/p-Xylenes	10.35	106	42956	10.408	ug/l	99
69) o-Xylene	10.69	106	20875	5.183	ug/l	98
70) Styrene	10.71	104	33546	4.996	ug/l	98
71) Bromoform	10.85	173	7578	6.105	ug/l #	98
73) Isopropylbenzene	11.02	105	56556	5.210	ug/l	100
74) N-amyl acetate	10.90	43	19273	4.647	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.26	83	17962	5.057	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	17829	6.150	ug/l	86
77) Bromobenzene	11.26	156	15210	5.080	ug/l	98
78) n-propylbenzene	11.35	91	62750	5.232	ug/l	97
79) 2-Chlorotoluene	11.42	91	36943	5.128	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	46556	5.133	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	3885	7.105	ug/l #	84
82) 4-Chlorotoluene	11.51	91	42378	5.054	ug/l	98
83) tert-Butylbenzene	11.77	119	45670	5.126	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	45773	5.007	ug/l	100
85) sec-Butylbenzene	11.94	105	53663	5.141	ug/l	99
86) p-Isopropyltoluene	12.06	119	48430	5.018	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	26432	5.087	ug/l	97
88) 1,4-Dichlorobenzene	12.10	146	27547	5.169	ug/l	93
89) n-Butylbenzene	12.38	91	41485	5.025	ug/l	98
90) Hexachloroethane	12.59	117	6160	4.047	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	26899	5.224	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	3237	4.360	ug/l	92

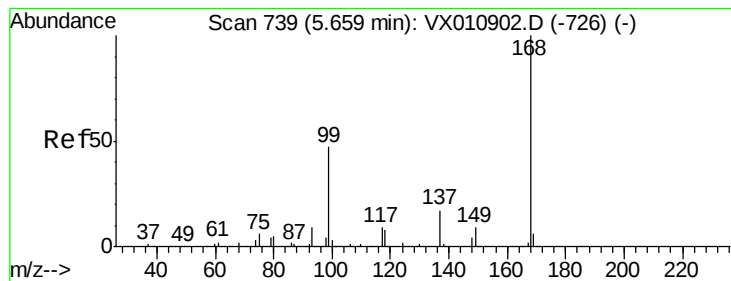
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	18010	5.161	ug/l	99
94) Hexachlorobutadiene	13.78	225	8450	4.886	ug/l	97
95) Naphthalene	13.83	128	48043	4.662	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	17800	5.126	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.00 min

Lab File: VX010993.D

Acq: 19 Jul 2019 11:34

Instrument :

MSVOA_X

ClientSampleId :

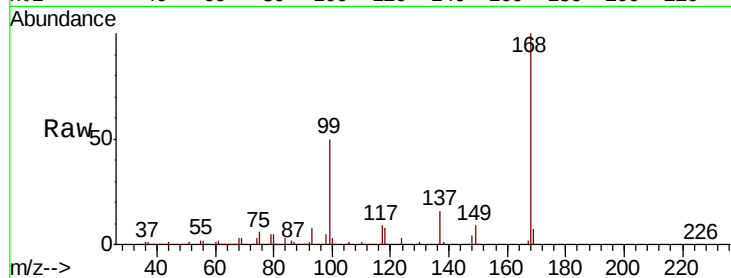
LOQ-WATER-02-QT3-2019

Tot Ion:168 Resp: 232235

Ion Ratio Lower Upper

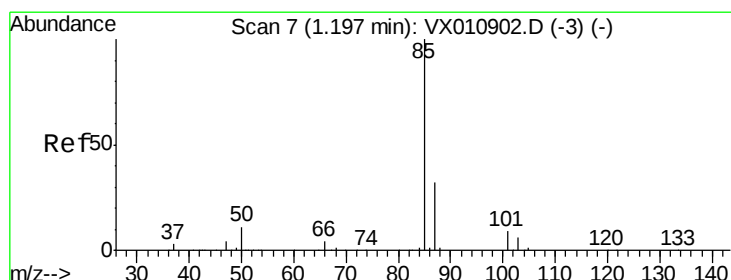
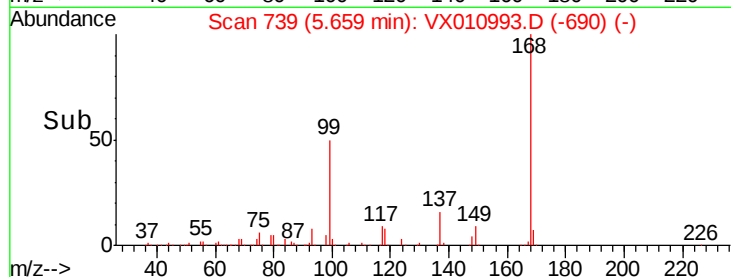
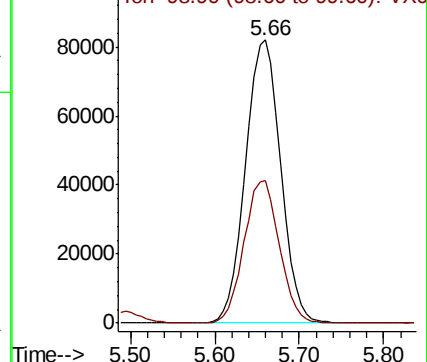
168 100

99 50.2 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 3.150 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX010993.D

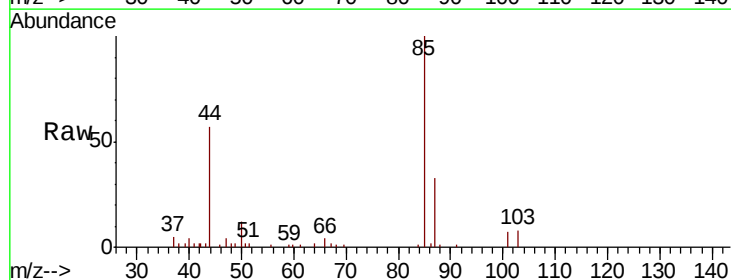
Acq: 19 Jul 2019 11:34

Tgt Ion: 85 Resp: 6519

Ion Ratio Lower Upper

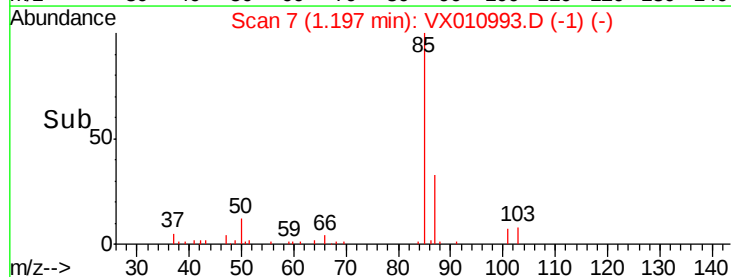
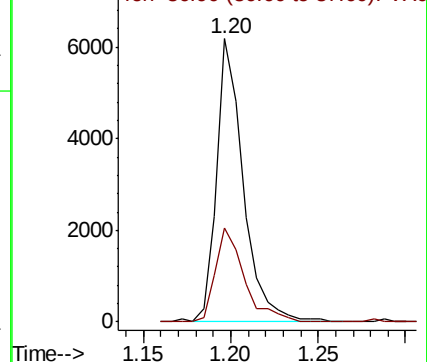
85 100

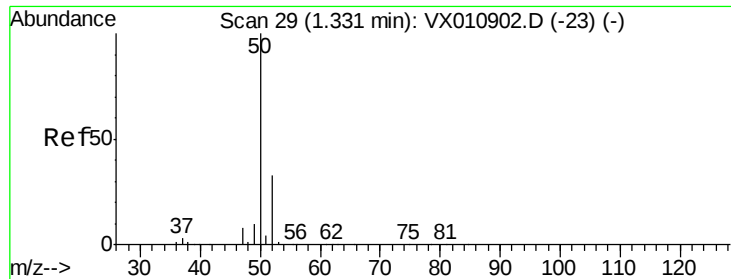
87 33.3 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 3.876 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.01 min

Lab File: VX010993.D

Acq: 19 Jul 2019 11:34

Instrument :

MSVOA_X

ClientSampleId :

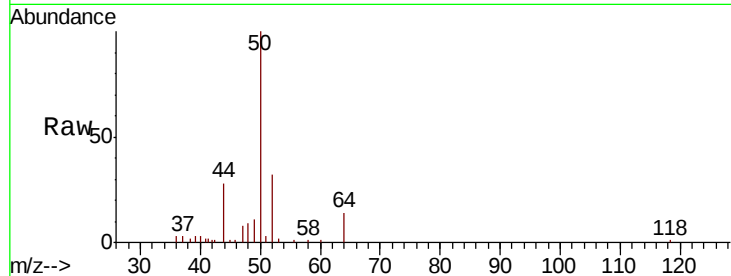
LOQ-WATER-02-QT3-2019

Tot Ion: 50 Resp: 8278

Ion Ratio Lower Upper

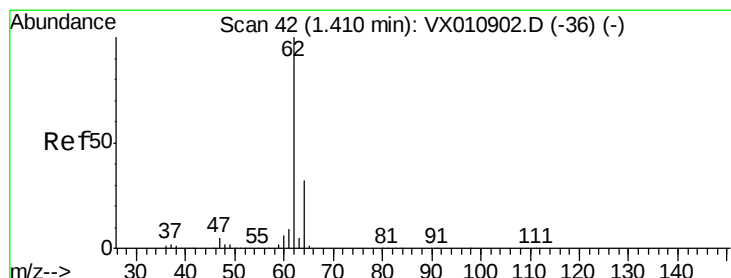
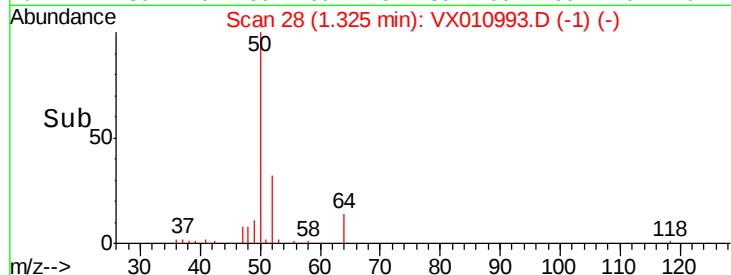
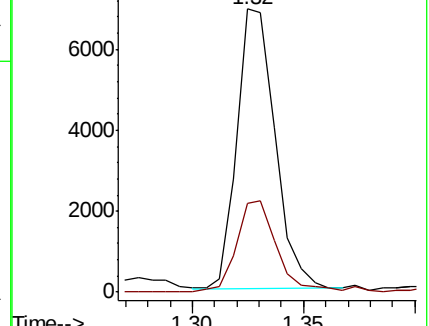
50 100

52 32.0 26.4 39.6



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 4.008 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010993.D

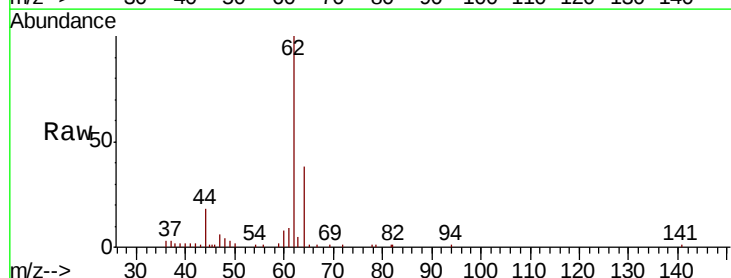
Acq: 19 Jul 2019 11:34

Tgt Ion: 62 Resp: 8730

Ion Ratio Lower Upper

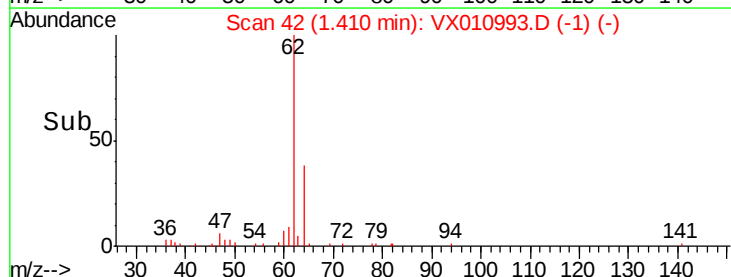
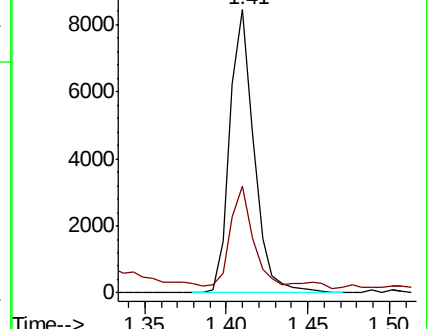
62 100

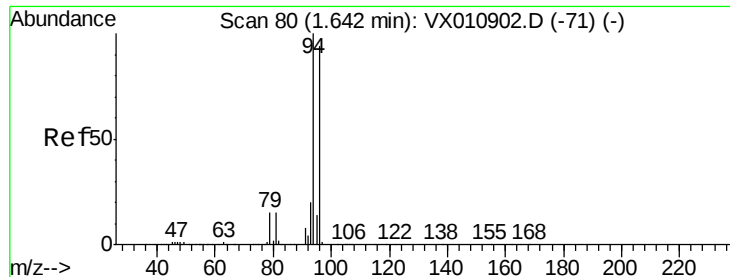
64 35.7 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 4.622 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX010993.D

Acq: 19 Jul 2019 11:34

Instrument :

MSVOA_X

ClientSampleId :

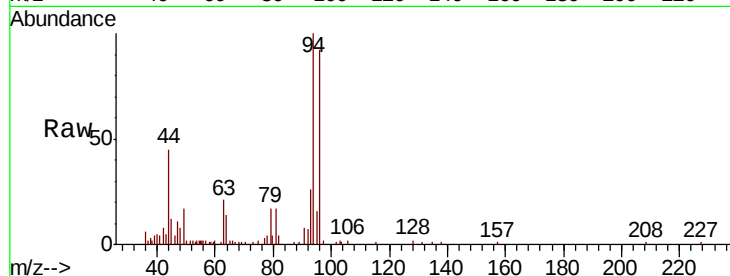
LOQ-WATER-02-QT3-2019

Tot Ion: 94 Resp: 5674

Ion Ratio Lower Upper

94 100

96 92.7 75.6 113.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

6000

5000

4000

3000

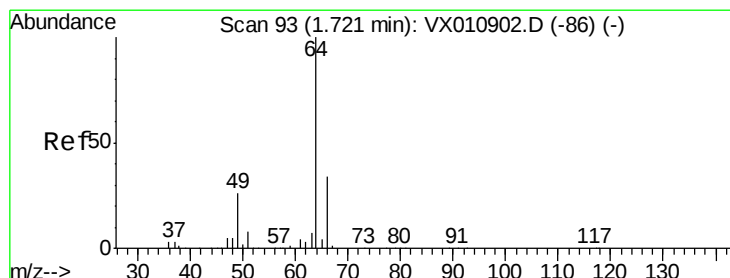
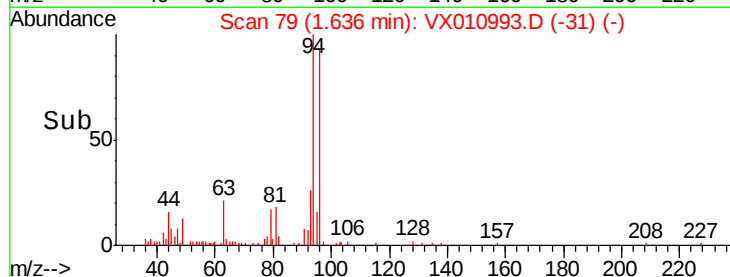
2000

1000

0

1.60 1.65 1.70

Time-->



#6

Chloroethane

Concen: 4.839 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.00 min

Lab File: VX010993.D

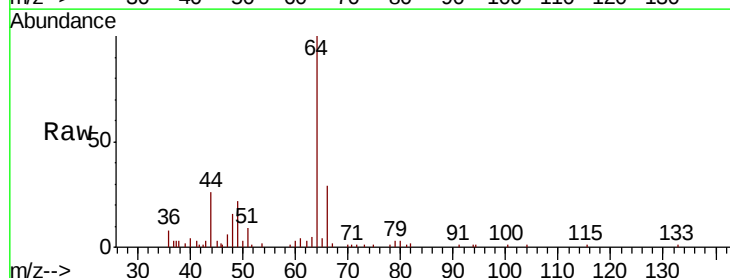
Acq: 19 Jul 2019 11:34

Tgt Ion: 64 Resp: 6699

Ion Ratio Lower Upper

64 100

66 32.4 27.0 40.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

6000

5000

4000

3000

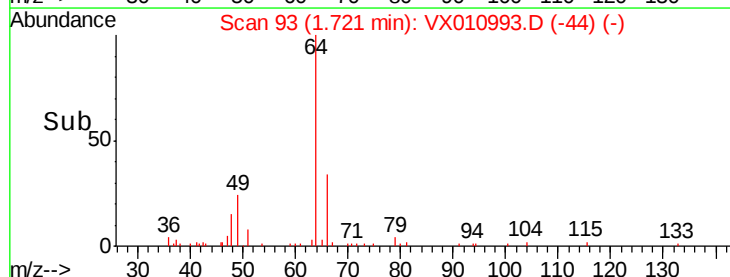
2000

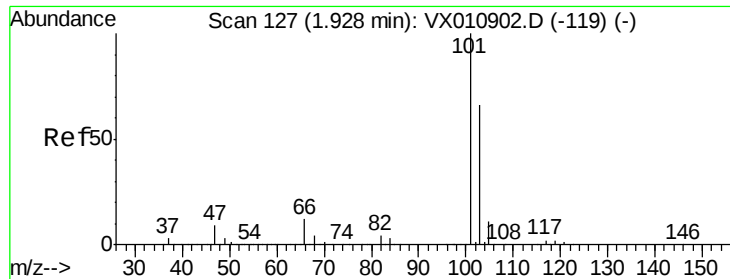
1000

0

1.70 1.75

Time-->



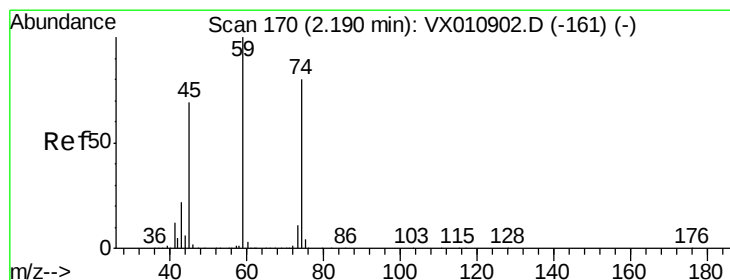
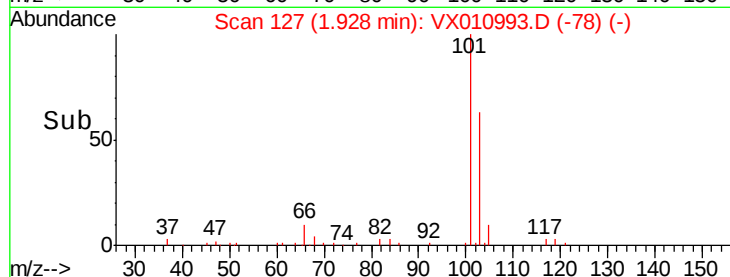
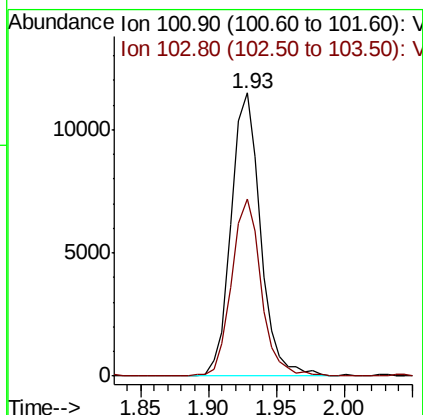
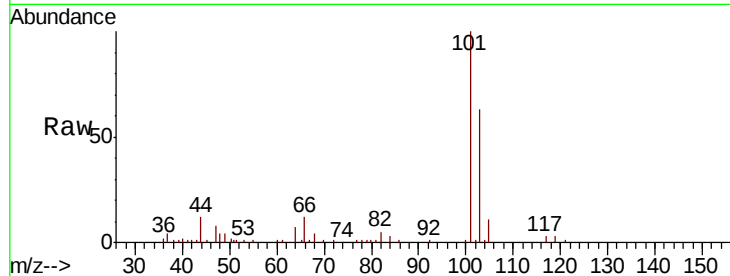


#7

Trichlorofluoromethane
 Concen: 4.698 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.00 min
 Lab File: VX010993.D
 Acq: 19 Jul 2019 11:34

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT3-2019

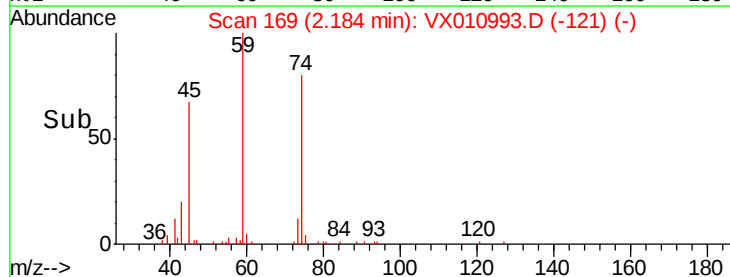
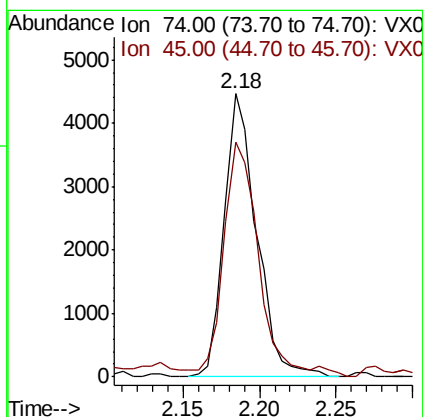
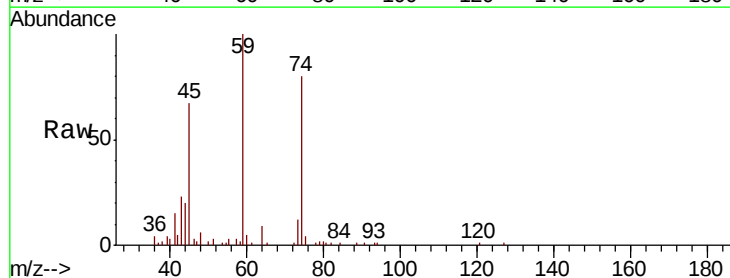
Tot Ion:101 Resp: 17324
 Ion Ratio Lower Upper
 101 100
 103 62.7 52.6 78.8

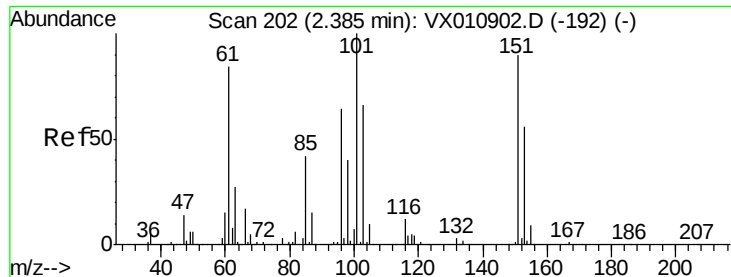


#8

Diethyl Ether
 Concen: 5.158 ug/l
 RT: 2.18 min Scan# 169
 Delta R.T. -0.01 min
 Lab File: VX010993.D
 Acq: 19 Jul 2019 11:34

Tgt Ion: 74 Resp: 6553
 Ion Ratio Lower Upper
 74 100
 45 91.1 45.5 136.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 4.946 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.01 min

Lab File: VX010993.D

Acq: 19 Jul 2019 11:34

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT3-2019

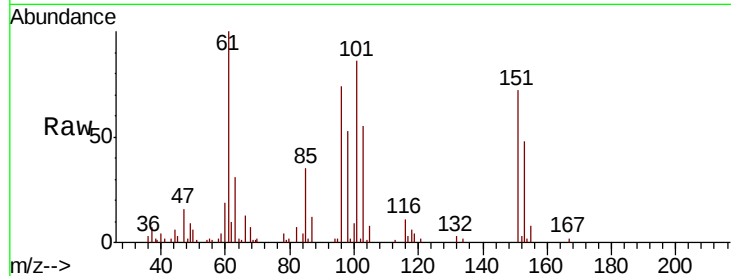
Tot Ion:101 Resp: 10413

Ion Ratio Lower Upper

101 100

85 43.6 34.6 52.0

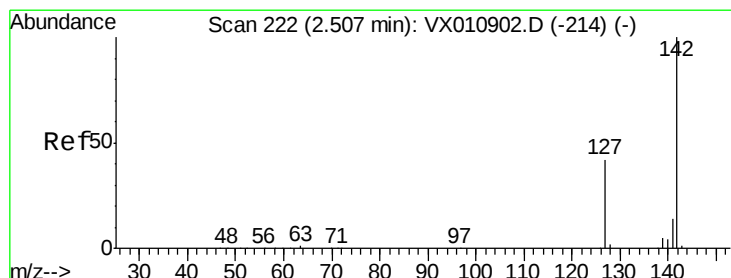
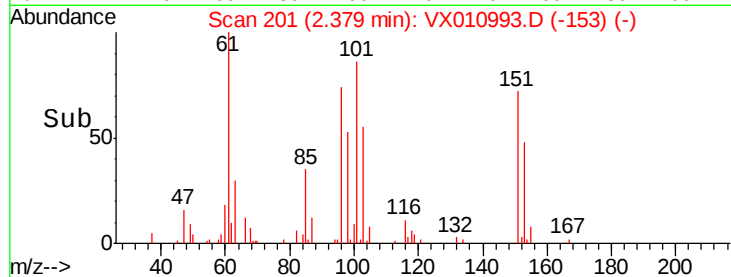
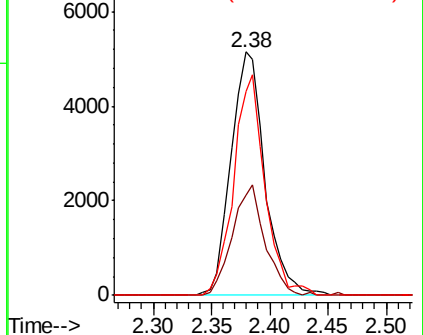
151 83.7 69.6 104.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 2.716 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX010993.D

Acq: 19 Jul 2019 11:34

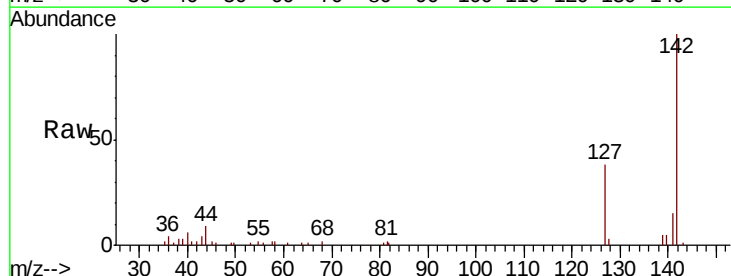
Tgt Ion:142 Resp: 7505

Ion Ratio Lower Upper

142 100

127 41.7 34.2 51.4

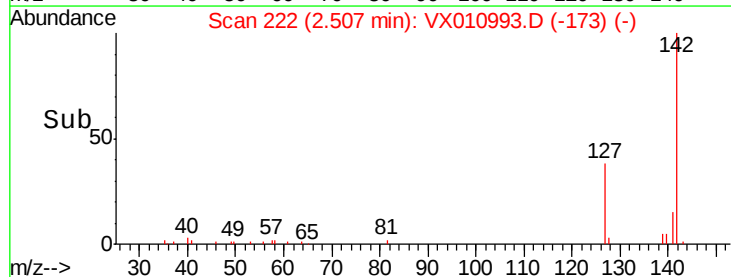
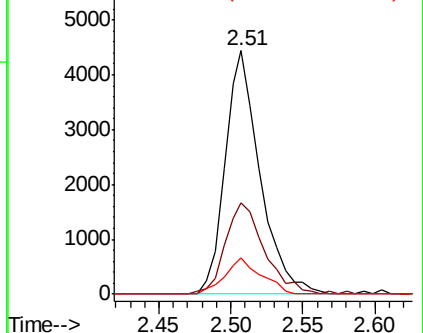
141 15.3 11.7 17.5

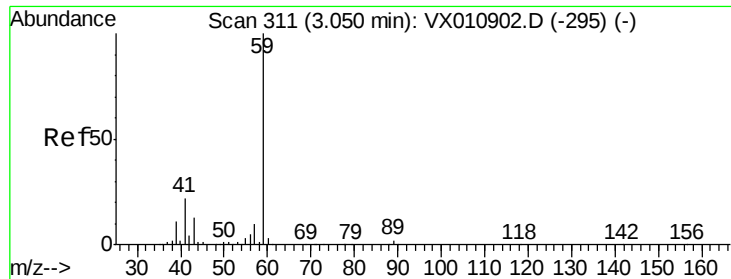


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



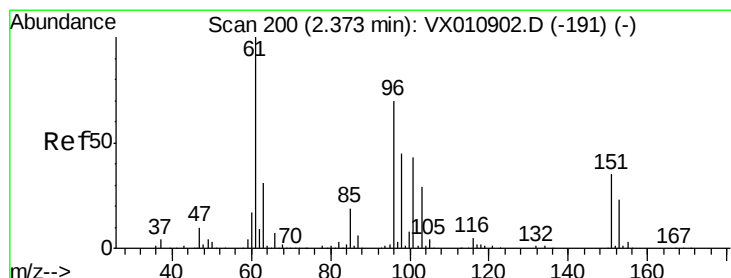
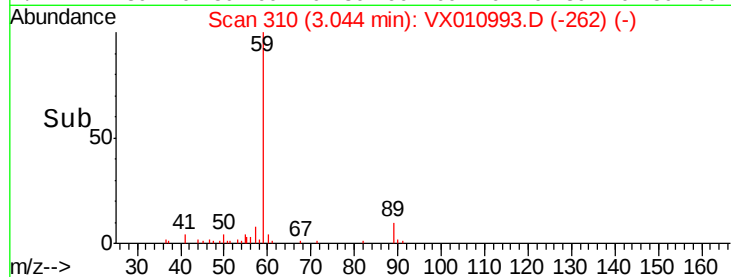
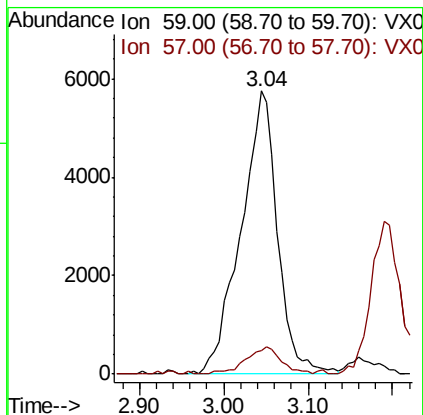
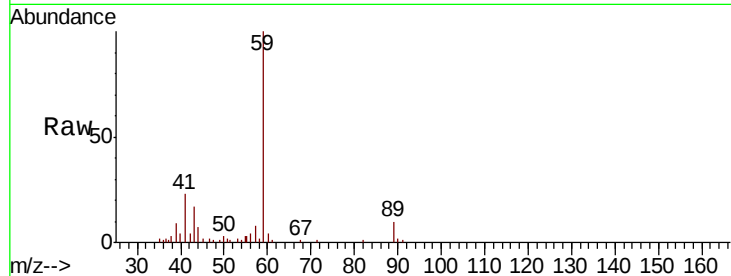


#11

Tert butyl alcohol
 Concen: 29.387 ug/l
 RT: 3.04 min Scan# 310
 Delta R.T. -0.01 min
 Lab File: VX010993.D
 Acq: 19 Jul 2019 11:34

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT3-2019

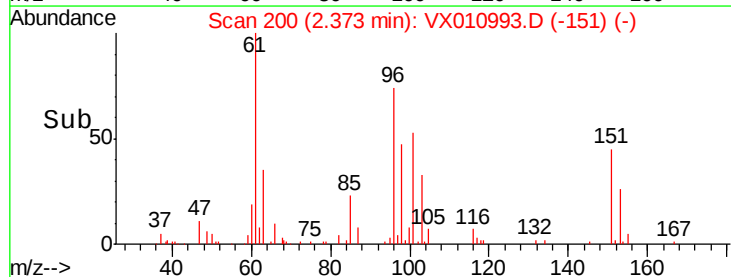
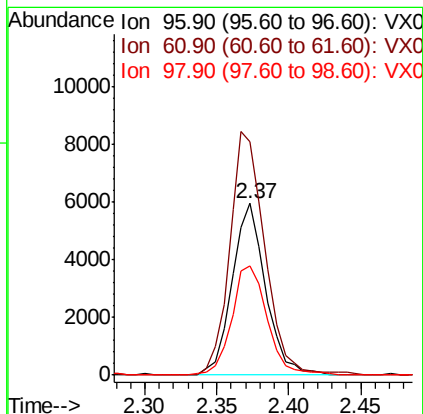
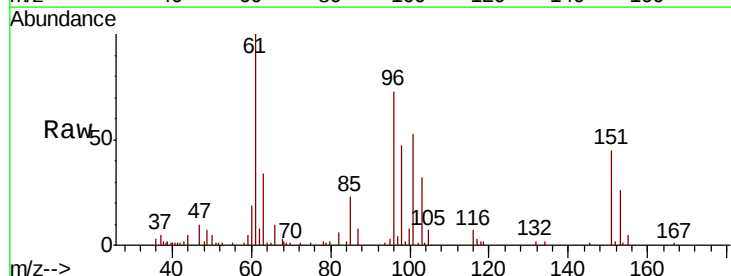
Tot Ion: 59 Resp: 16909
 Ion Ratio Lower Upper
 59 100
 57 9.3 7.9 11.9

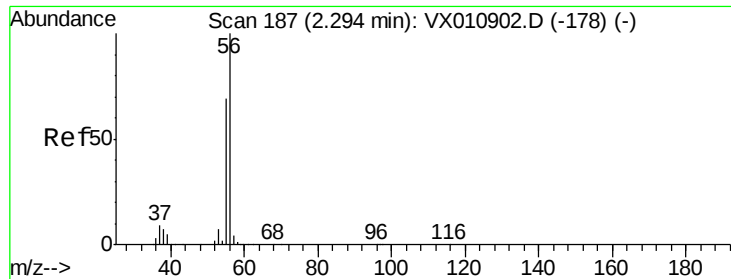


#12

1,1-Dichloroethene
 Concen: 4.669 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. 0.00 min
 Lab File: VX010993.D
 Acq: 19 Jul 2019 11:34

Tgt Ion: 96 Resp: 9659
 Ion Ratio Lower Upper
 96 100
 61 136.2 115.0 172.4
 98 63.6 52.2 78.2





#13

Acrolein

Concen: 23.361 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX010993.D

Acq: 19 Jul 2019 11:34

Instrument :

MSVOA_X

ClientSampleId :

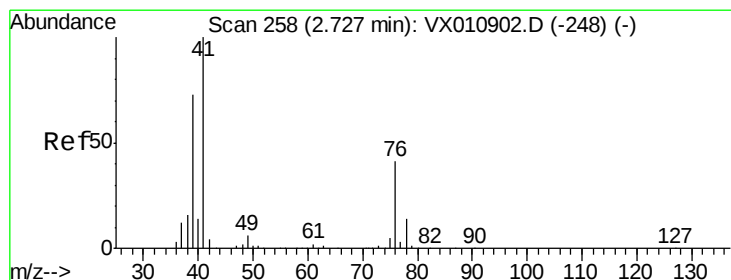
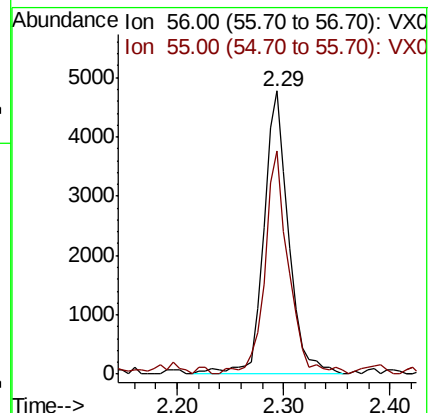
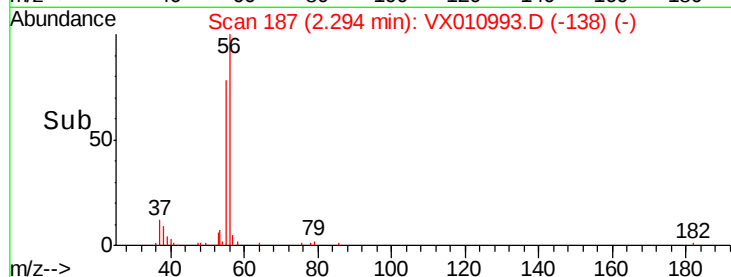
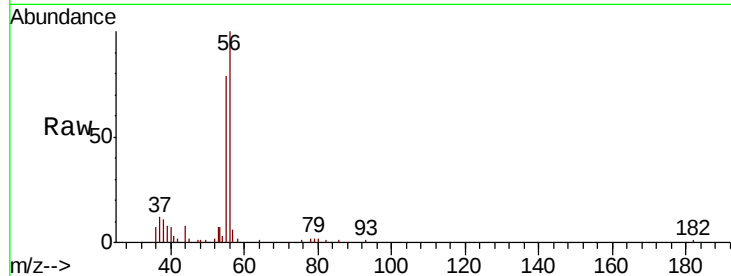
LOQ-WATER-02-QT3-2019

Tot Ion: 56 Resp: 7766

Ion Ratio Lower Upper

56 100

55 75.7 55.9 83.9



#14

Allyl chloride

Concen: 4.598 ug/l

RT: 2.72 min Scan# 257

Delta R.T. -0.01 min

Lab File: VX010993.D

Acq: 19 Jul 2019 11:34

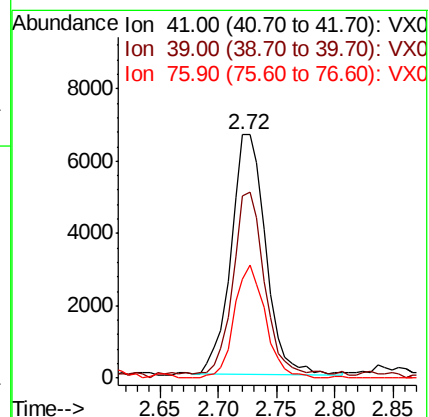
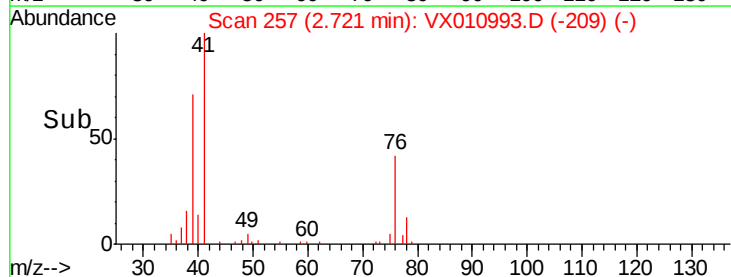
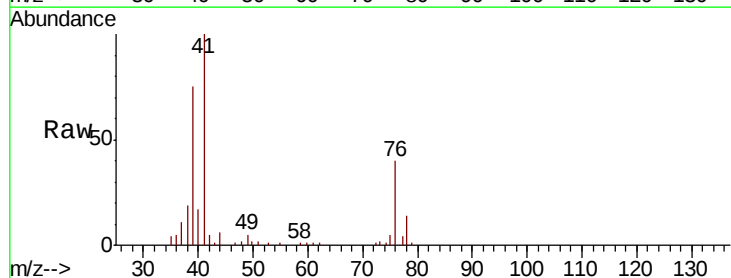
Tgt Ion: 41 Resp: 13816

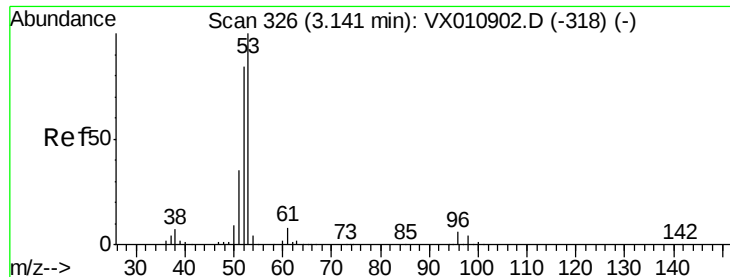
Ion Ratio Lower Upper

41 100

39 70.3 53.6 80.4

76 42.1 29.7 44.5





#15

Acrylonitrile

Concen: 23.905 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX010993.D

Acq: 19 Jul 2019 11:34

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT3-2019

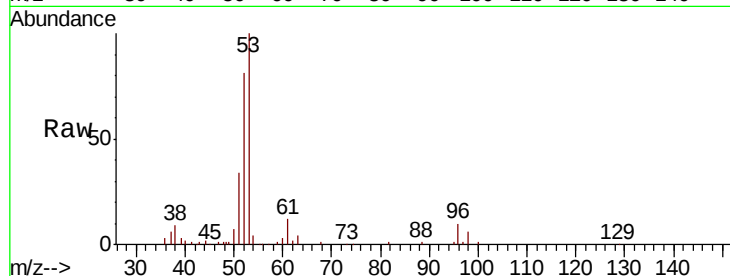
Tot Ion: 53 Resp: 27794

Ion Ratio Lower Upper

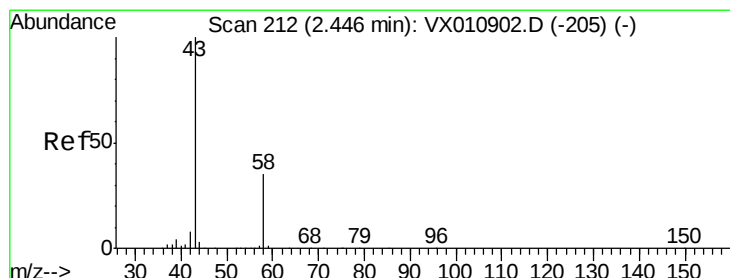
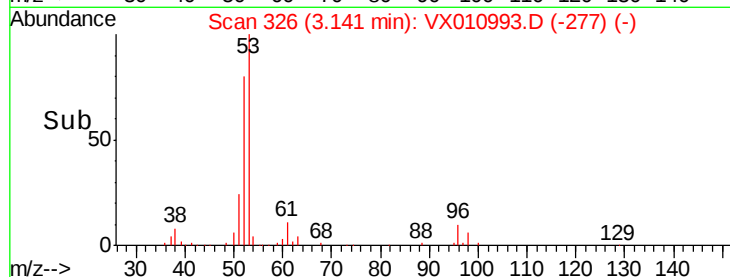
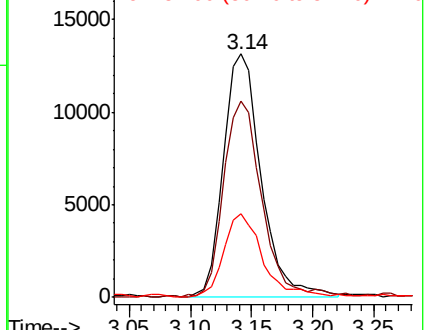
53 100

52 83.9 66.5 99.7

51 36.2 28.2 42.4



Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 24.982 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010993.D

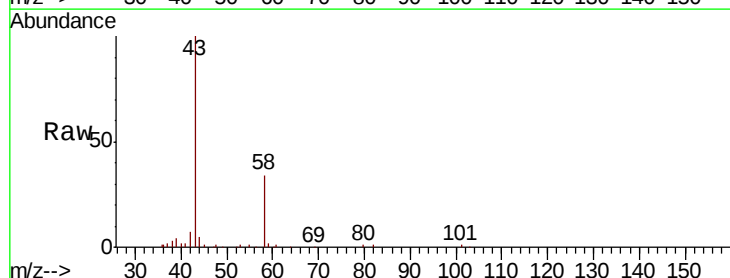
Acq: 19 Jul 2019 11:34

Tgt Ion: 43 Resp: 27876

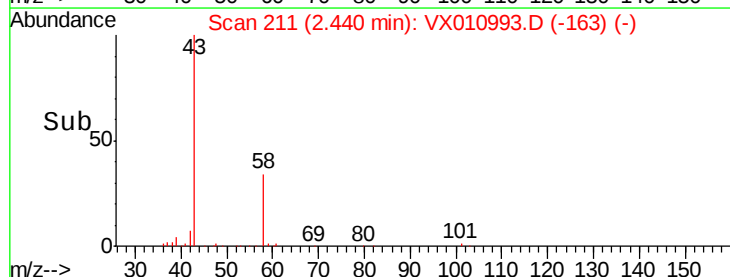
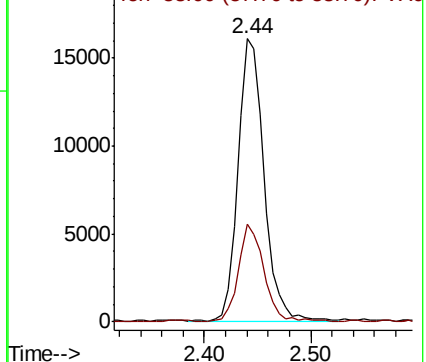
Ion Ratio Lower Upper

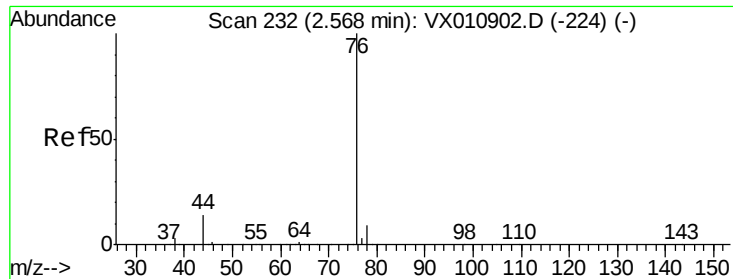
43 100

58 34.5 27.7 41.5



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

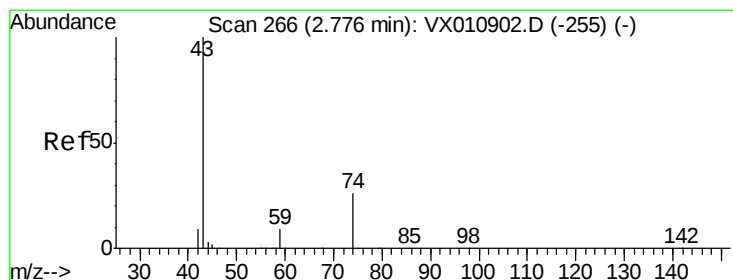
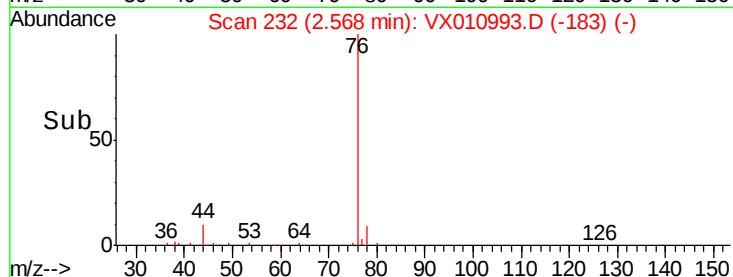
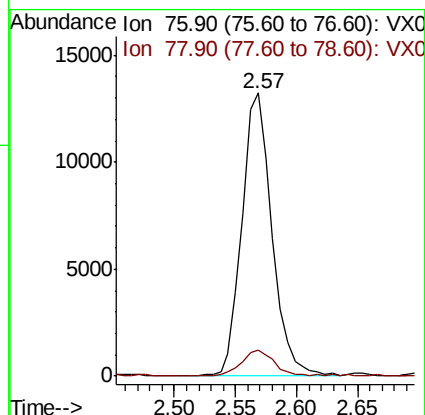
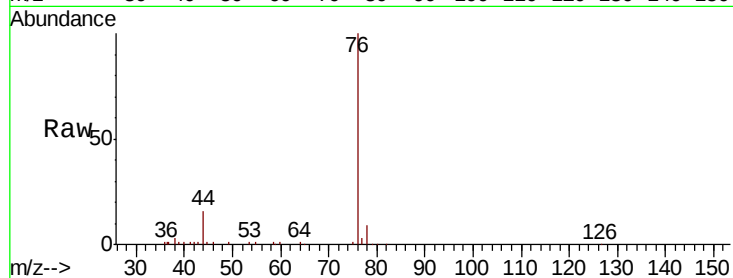




#17
Carbon Disulfide
Concen: 4.264 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX010993.D
Acq: 19 Jul 2019 11:34

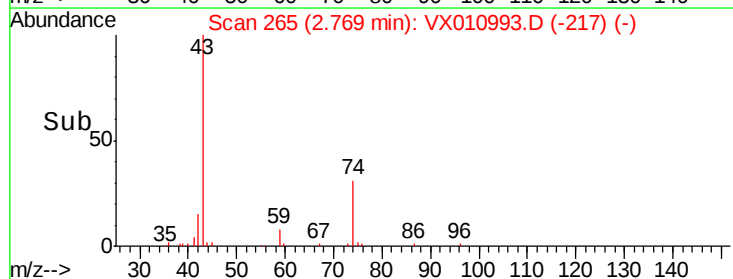
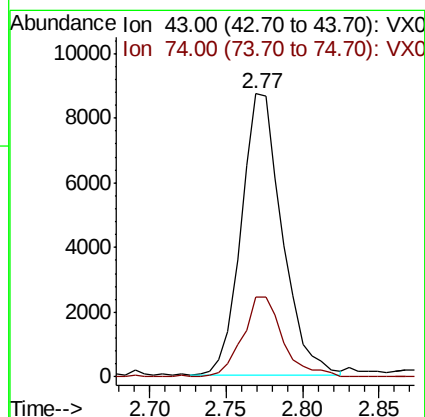
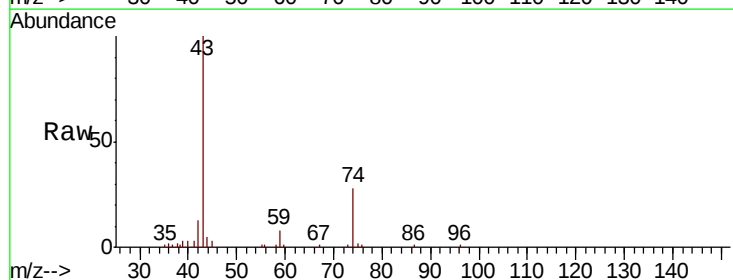
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2019

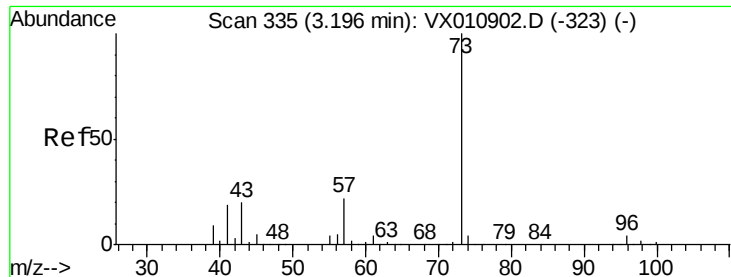
Tot Ion: 76 Resp: 22623
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.0



#18
Methyl Acetate
Concen: 6.347 ug/l
RT: 2.77 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX010993.D
Acq: 19 Jul 2019 11:34

Tgt Ion: 43 Resp: 16126
Ion Ratio Lower Upper
43 100
74 28.1 21.5 32.3

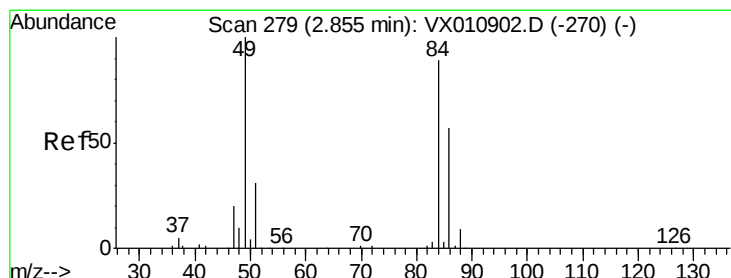
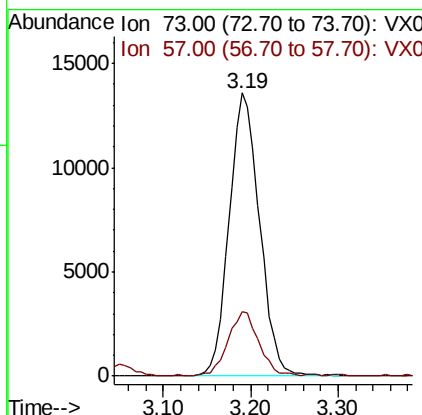
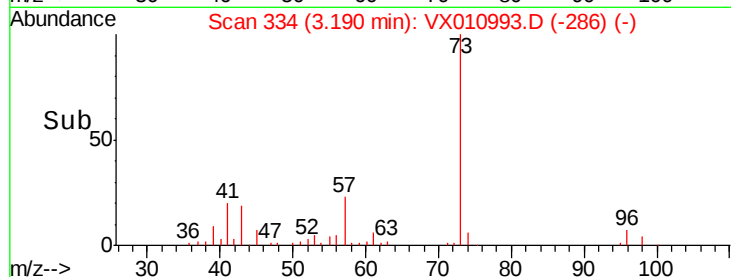
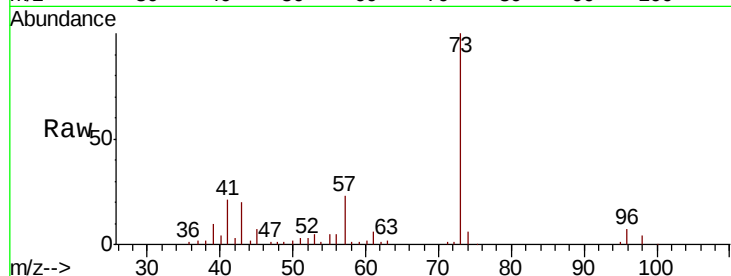




#19
Methyl tert-butyl Ether
Concen: 4.927 ug/l
RT: 3.19 min Scan# 334
Delta R.T. -0.01 min
Lab File: VX010993.D
Acq: 19 Jul 2019 11:34

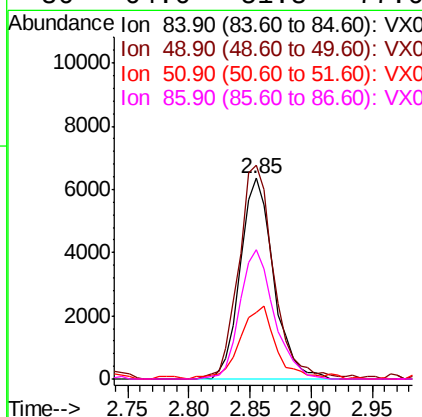
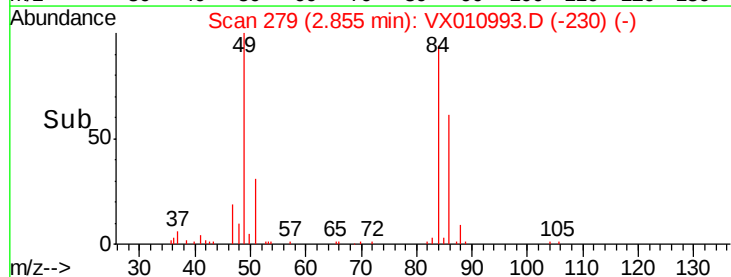
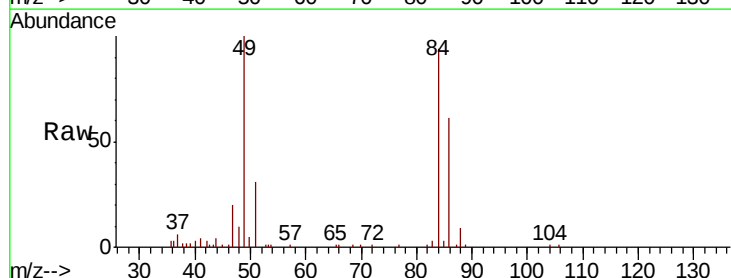
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2019

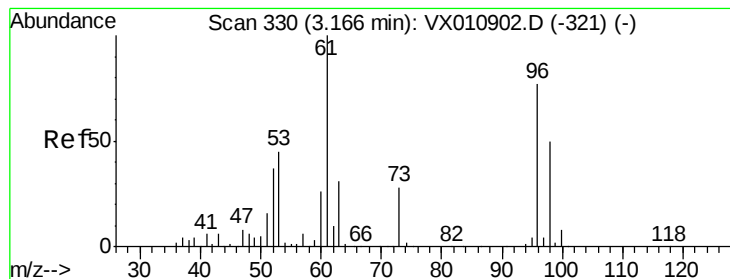
Tot Ion: 73 Resp: 32811
Ion Ratio Lower Upper
73 100
57 22.8 17.3 25.9



#20
Methylene Chloride
Concen: 5.103 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX010993.D
Acq: 19 Jul 2019 11:34

Tgt Ion: 84 Resp: 12067
Ion Ratio Lower Upper
84 100
49 106.5 89.9 134.9
51 31.5 27.8 41.6
86 64.6 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 5.147 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX010993.D

Acq: 19 Jul 2019 11:34

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT3-2019

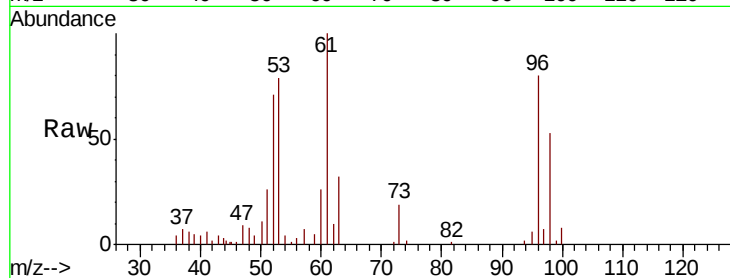
Tot Ion: 96 Resp: 11297

Ion Ratio Lower Upper

96 100

61 123.4 104.2 156.2

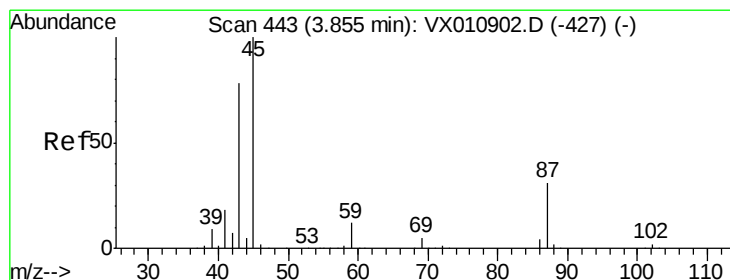
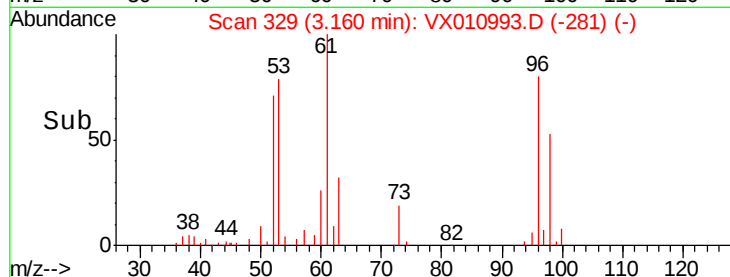
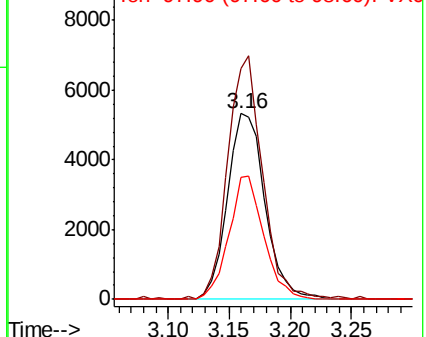
98 65.6 52.2 78.4



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 4.969 ug/l

RT: 3.85 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX010993.D

Acq: 19 Jul 2019 11:34

Tgt Ion: 45 Resp: 31487

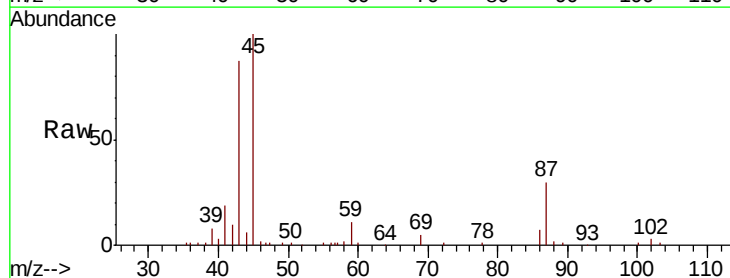
Ion Ratio Lower Upper

45 100

43 84.1 62.3 93.5

87 30.1 25.0 37.4

59 11.3 9.9 14.9

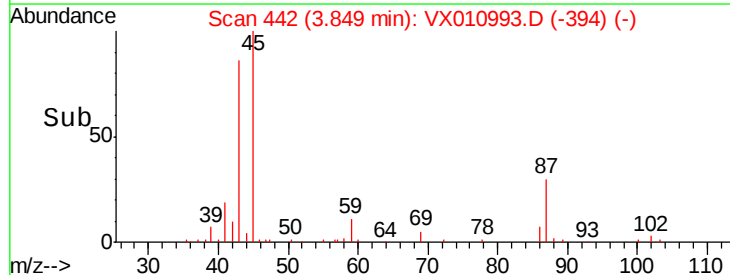
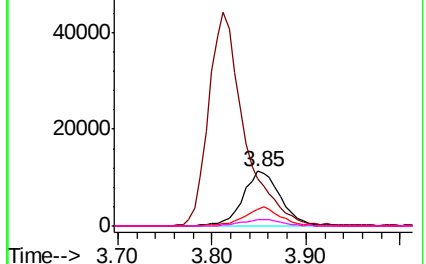


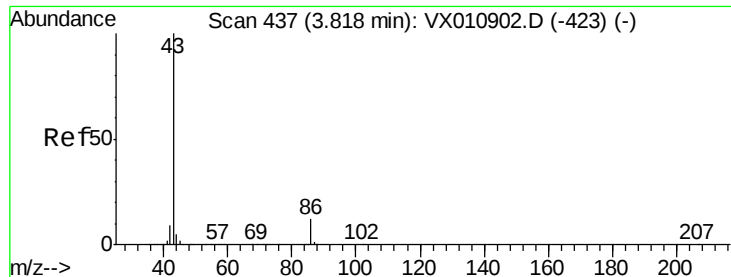
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 21.633 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX010993.D

Acq: 19 Jul 2019 11:34

Instrument :

MSVOA_X

ClientSampleId :

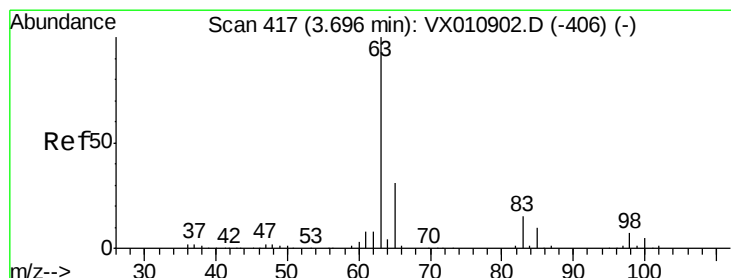
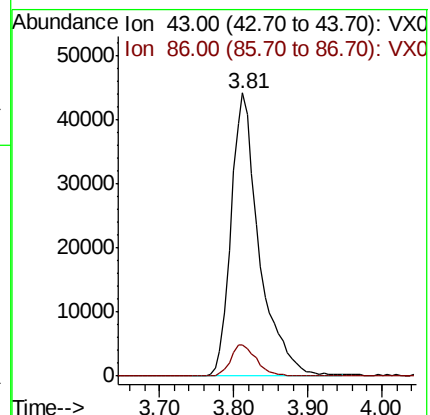
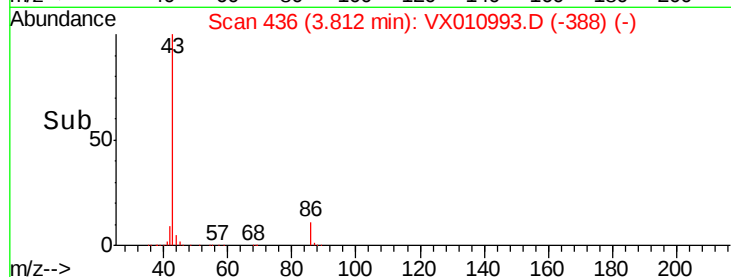
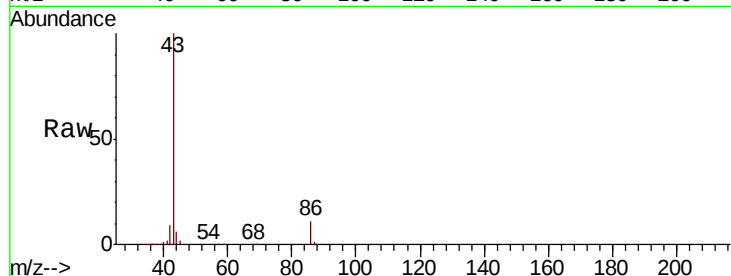
LOQ-WATER-02-QT3-2019

Tot Ion: 43 Resp: 116156

Ion Ratio Lower Upper

43 100

86 11.1 9.4 14.0



#24

1,1-Dichloroethane

Concen: 4.737 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX010993.D

Acq: 19 Jul 2019 11:34

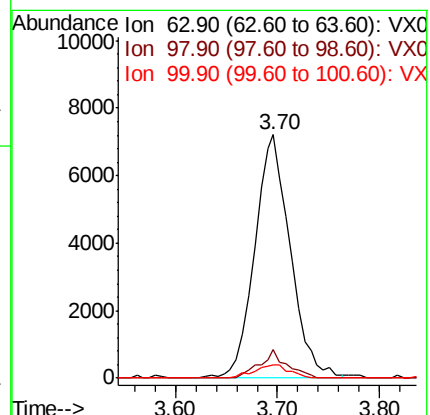
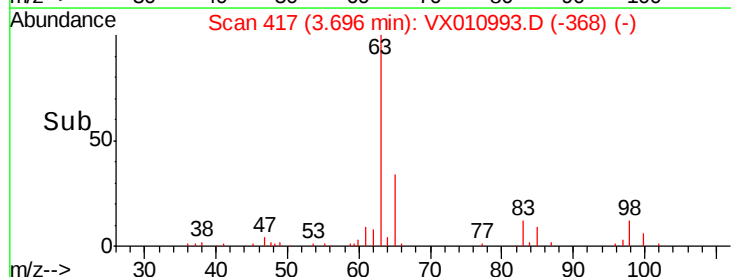
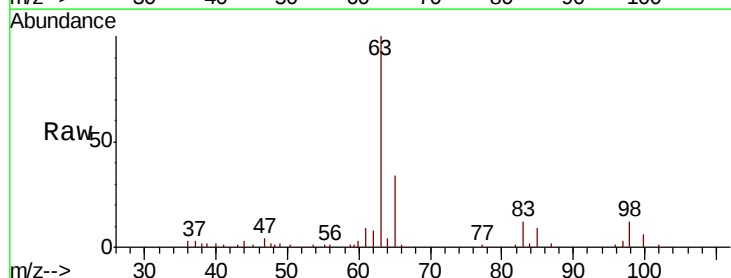
Tgt Ion: 63 Resp: 17434

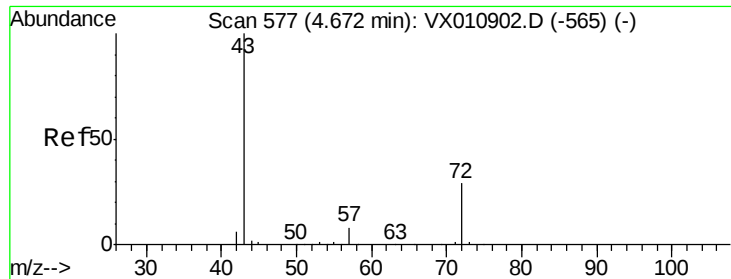
Ion Ratio Lower Upper

63 100

98 11.8 3.6 10.9#

100 5.5 2.4 7.2





#25

2-Butanone

Concen: 24.032 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX010993.D

Acq: 19 Jul 2019 11:34

Instrument :

MSVOA_X

ClientSampleId :

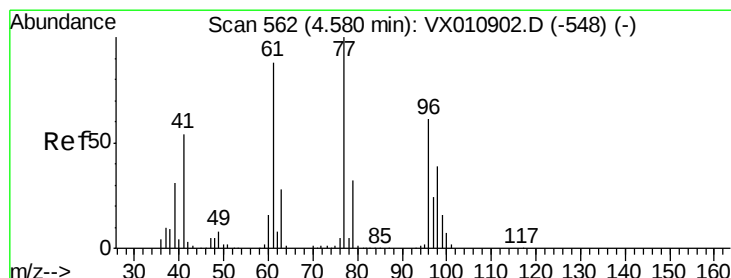
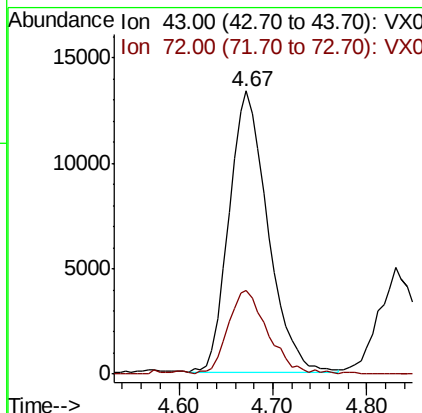
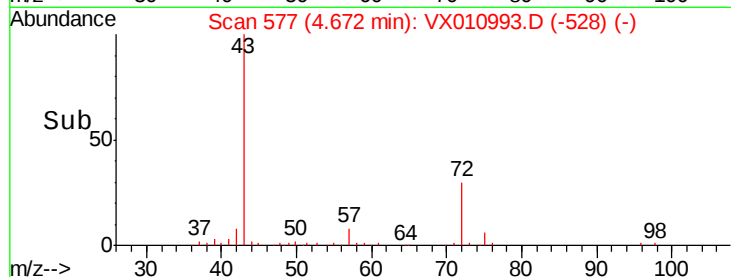
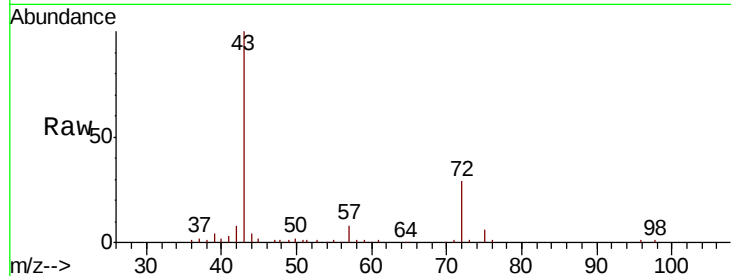
LOQ-WATER-02-QT3-2019

Tot Ion: 43 Resp: 38495

Ion Ratio Lower Upper

43 100

72 29.5 23.0 34.6



#26

2,2-Dichloropropane

Concen: 4.692 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX010993.D

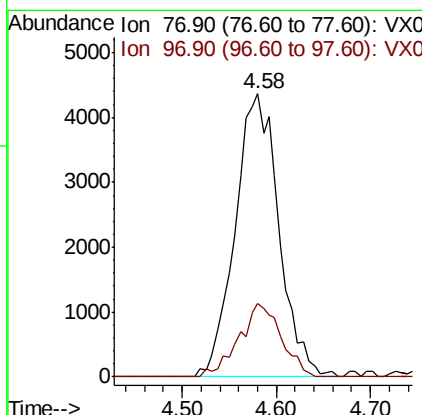
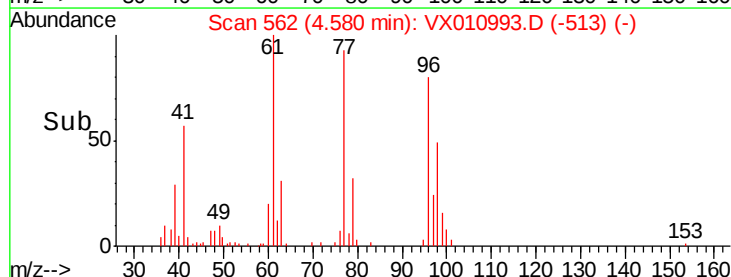
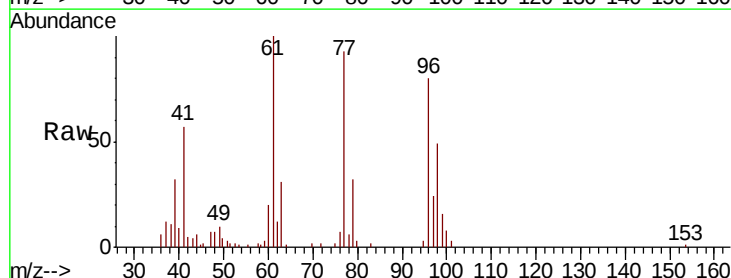
Acq: 19 Jul 2019 11:34

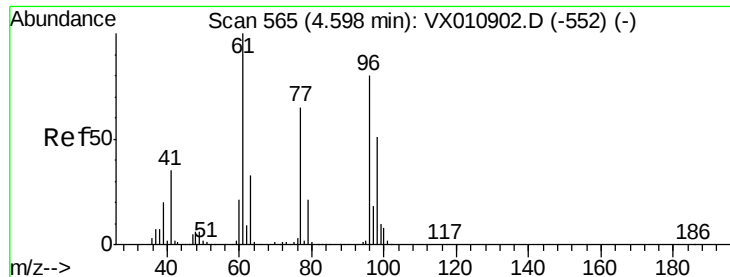
Tgt Ion: 77 Resp: 14178

Ion Ratio Lower Upper

77 100

97 24.9 12.6 37.6



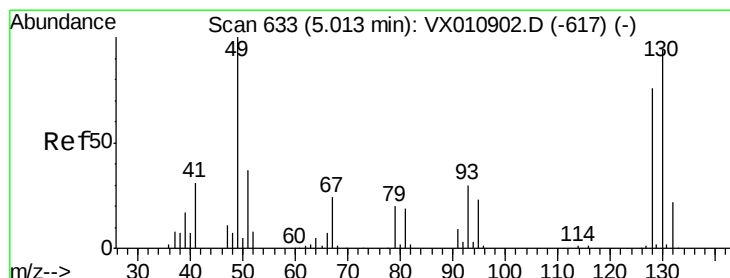
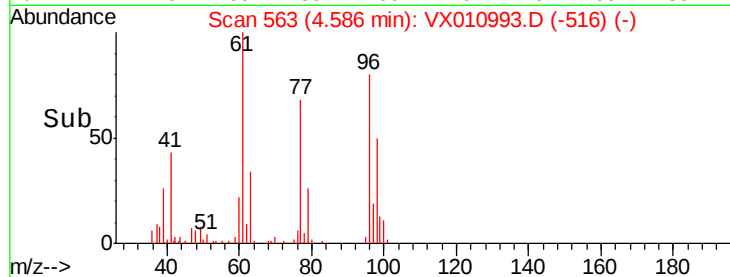
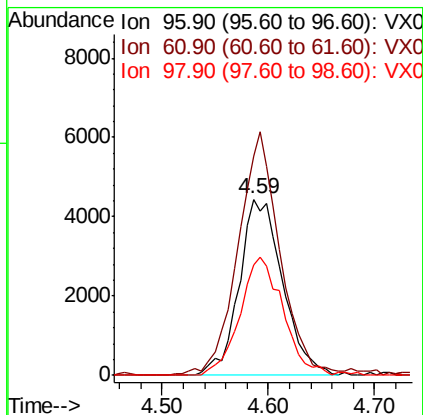
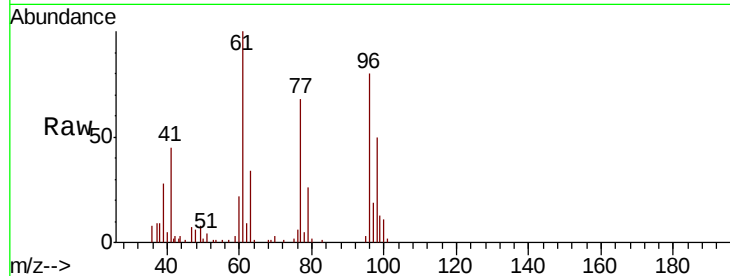


#27

cis-1,2-Dichloroethene
Concen: 5.006 ug/l
RT: 4.59 min Scan# 563
Delta R.T. -0.01 min
Lab File: VX010993.D
Acq: 19 Jul 2019 11:34

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2019

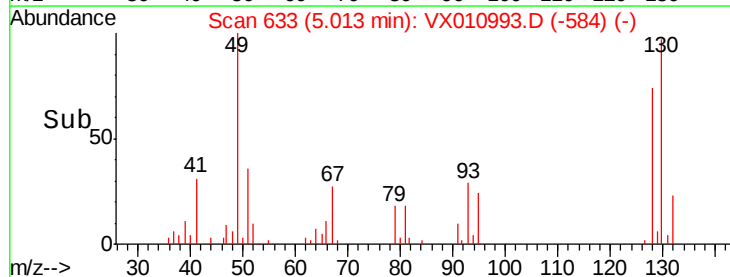
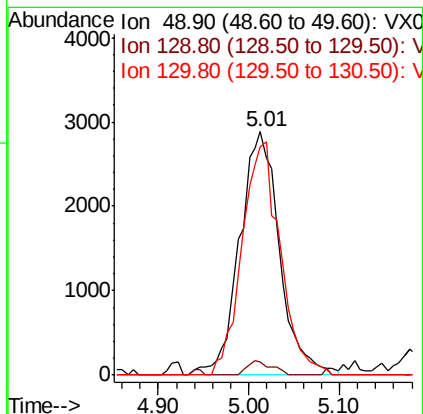
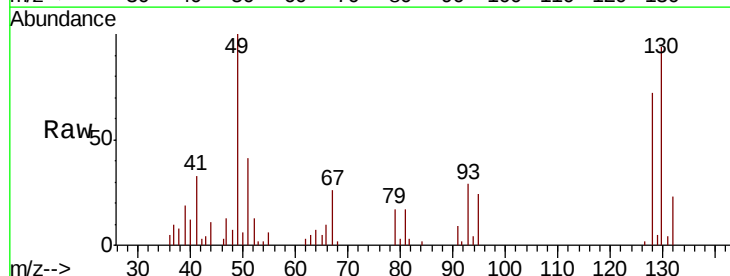
Tot Ion: 96 Resp: 12717
Ion Ratio Lower Upper
96 100
61 133.0 0.0 269.0
98 66.4 0.0 131.4

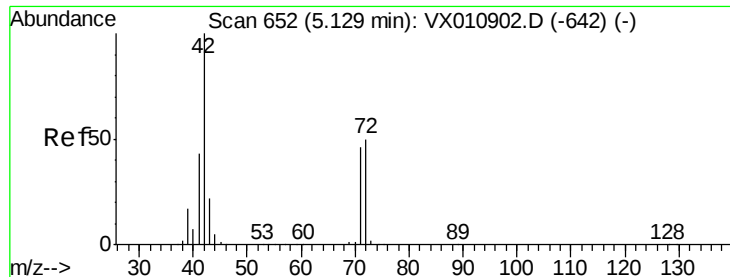


#28

Bromochloromethane
Concen: 5.086 ug/l
RT: 5.01 min Scan# 633
Delta R.T. 0.00 min
Lab File: VX010993.D
Acq: 19 Jul 2019 11:34

Tgt Ion: 49 Resp: 8820
Ion Ratio Lower Upper
49 100
129 3.6 0.0 5.2
130 91.1 76.9 115.3





#29

Tetrahydrofuran

Concen: 23.915 ug/l

RT: 5.13 min Scan# 652

Delta R.T. 0.00 min

Lab File: VX010993.D

Acq: 19 Jul 2019 11:34

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT3-2019

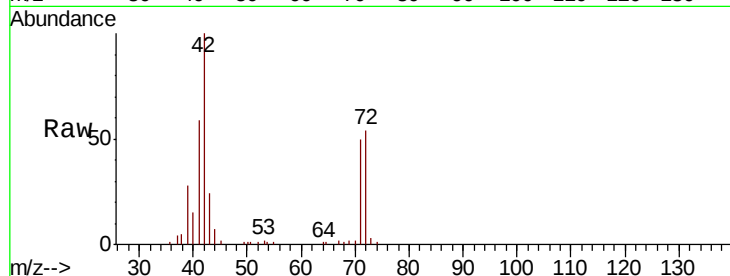
Tot Ion: 42 Resp: 24265

Ion Ratio Lower Upper

42 100

72 50.0 39.8 59.8

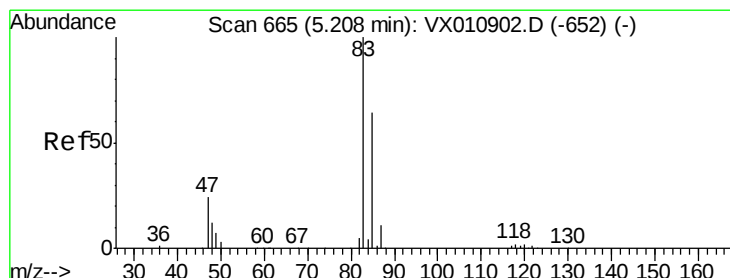
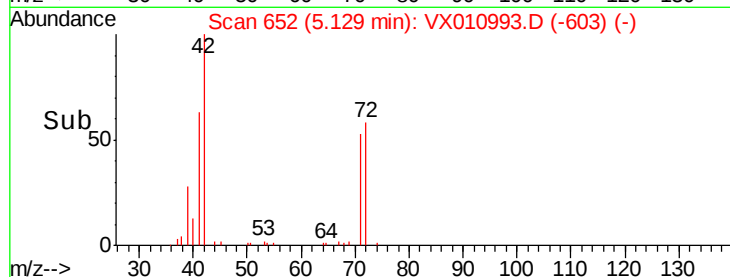
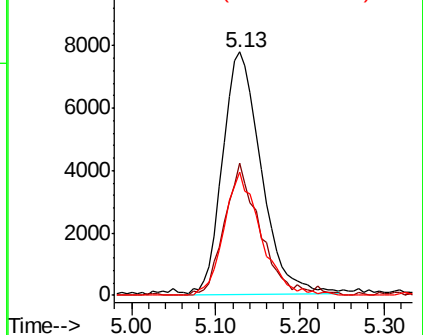
71 48.5 37.0 55.4



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 5.000 ug/l

RT: 5.21 min Scan# 665

Delta R.T. 0.00 min

Lab File: VX010993.D

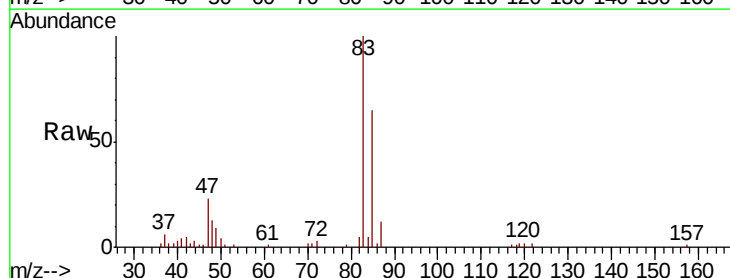
Acq: 19 Jul 2019 11:34

Tgt Ion: 83 Resp: 19891

Ion Ratio Lower Upper

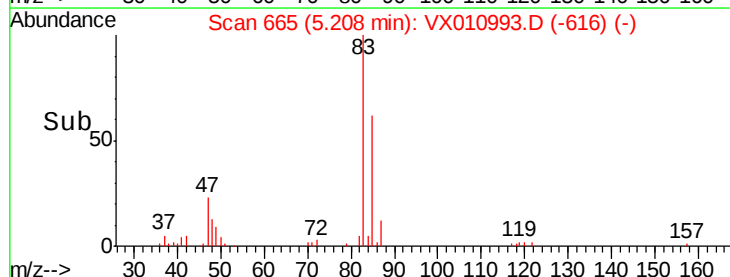
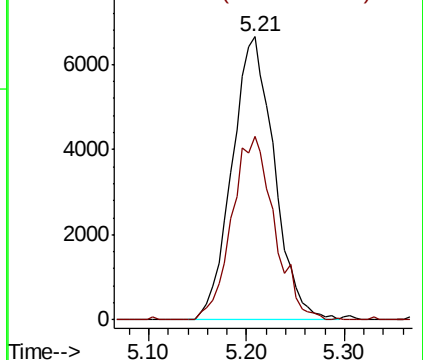
83 100

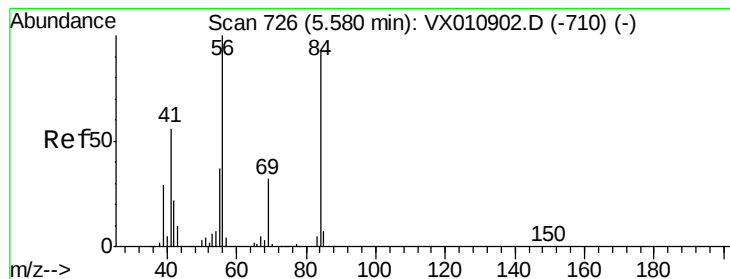
85 64.8 51.4 77.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 5.107 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX010993.D

Acq: 19 Jul 2019 11:34

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT3-2019

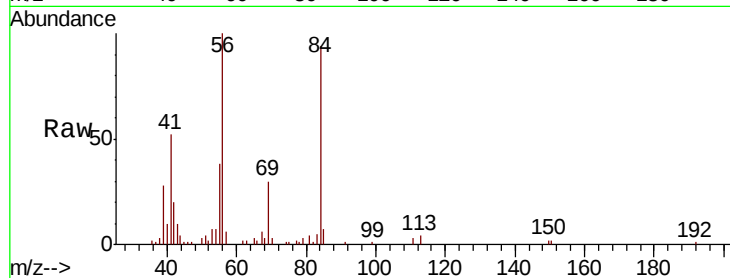
Tot Ion: 56 Resp: 17132

Ion Ratio Lower Upper

56 100

69 30.2 25.8 38.8

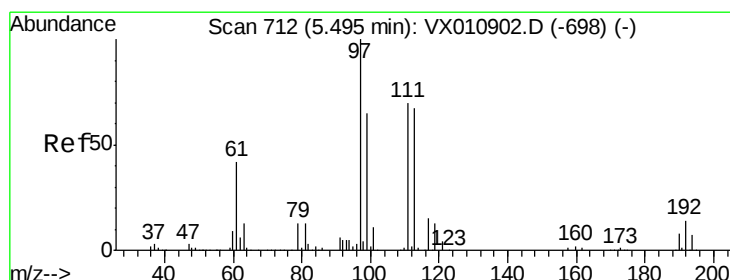
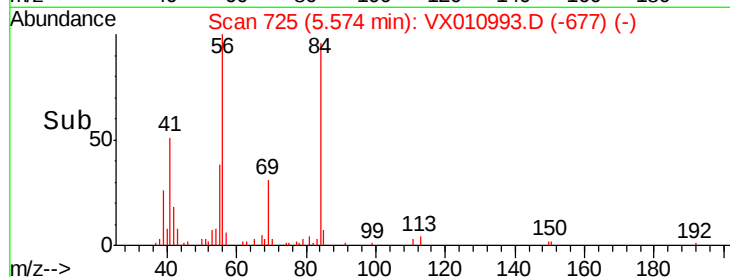
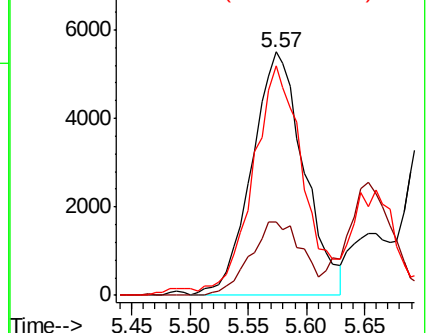
84 91.2 73.8 110.6



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 4.811 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX010993.D

Acq: 19 Jul 2019 11:34

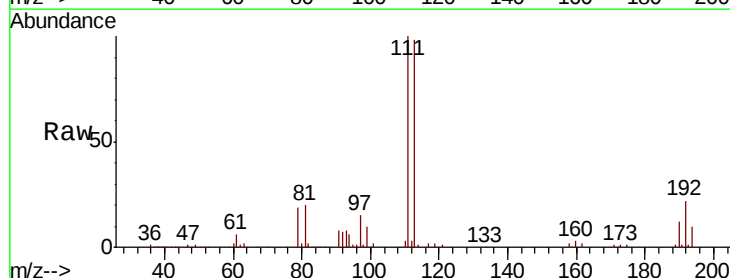
Tgt Ion: 97 Resp: 16556

Ion Ratio Lower Upper

97 100

99 62.4 51.4 77.0

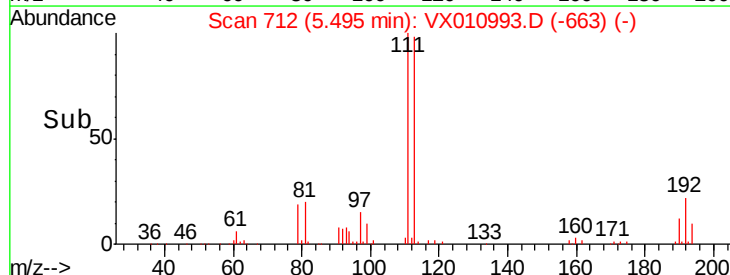
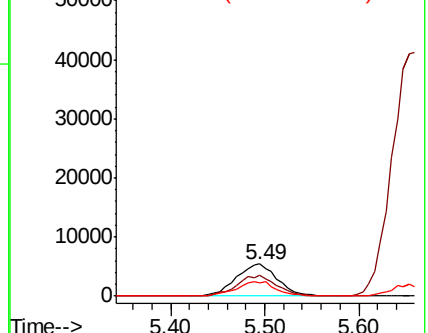
61 43.2 33.0 49.6

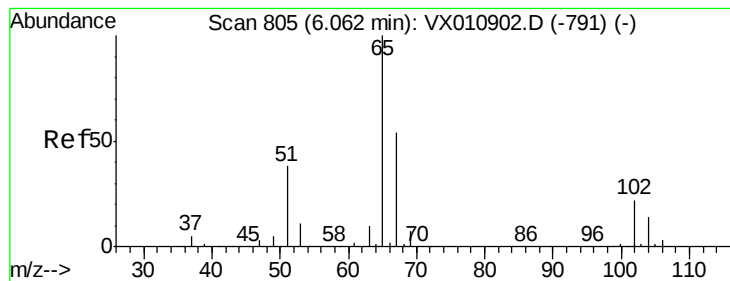


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 45.919 ug/l

RT: 6.06 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX010993.D

Acq: 19 Jul 2019 11:34

Instrument :

MSVOA_X

ClientSampleId :

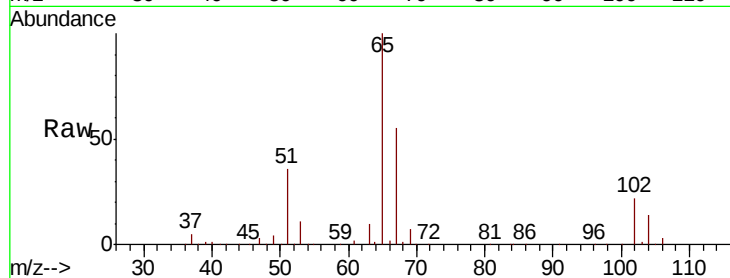
LOQ-WATER-02-QT3-2019

Tot Ion: 65 Resp: 113448

Ion Ratio Lower Upper

65 100

67 53.4 0.0 107.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

40000

30000

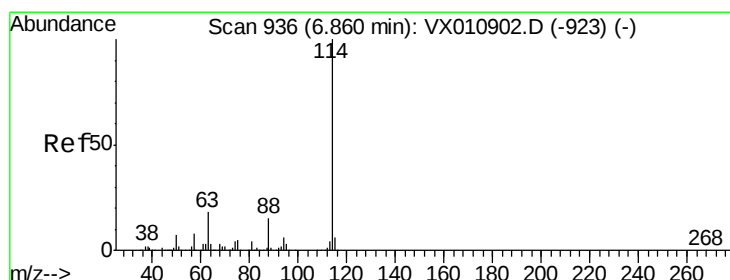
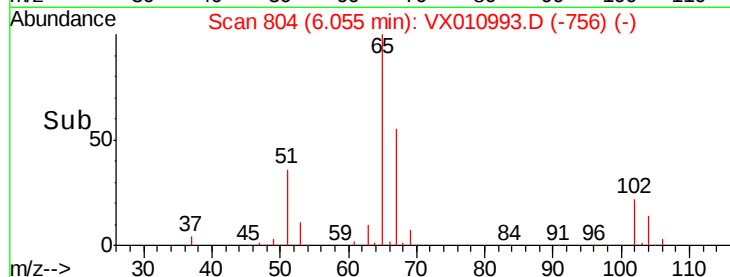
20000

10000

0

Time-->

5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX010993.D

Acq: 19 Jul 2019 11:34

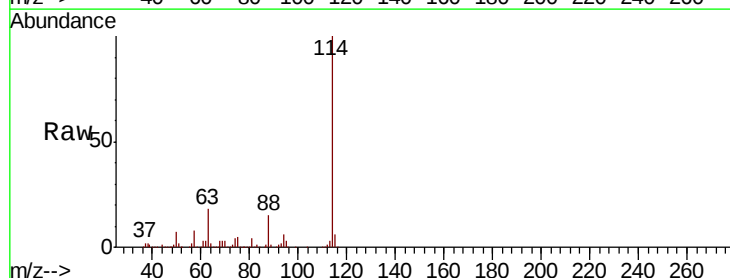
Tgt Ion: 114 Resp: 342305

Ion Ratio Lower Upper

114 100

63 17.7 0.0 35.6

88 14.9 0.0 29.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.85

200000

150000

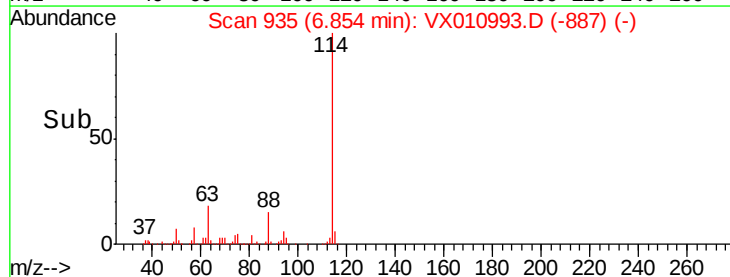
100000

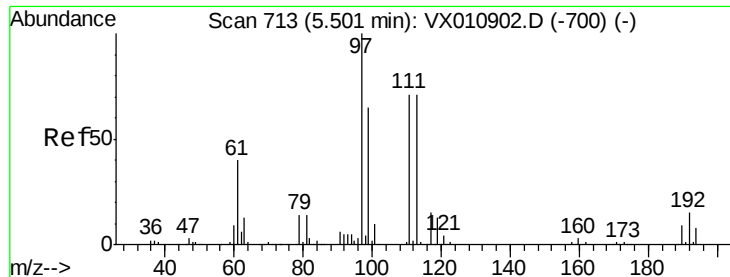
50000

0

Time-->

6.70 6.80 6.90 7.00

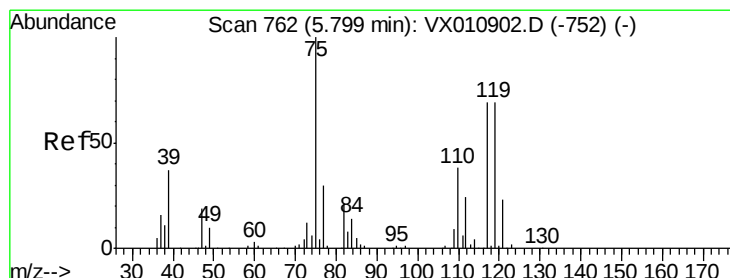
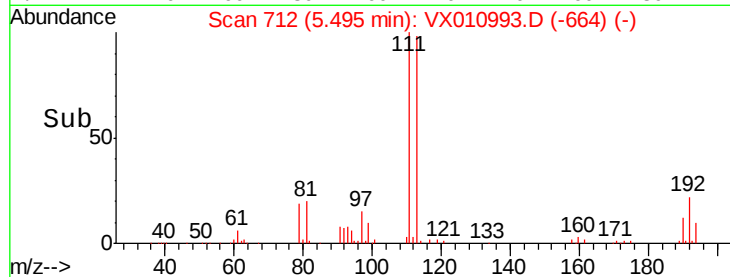
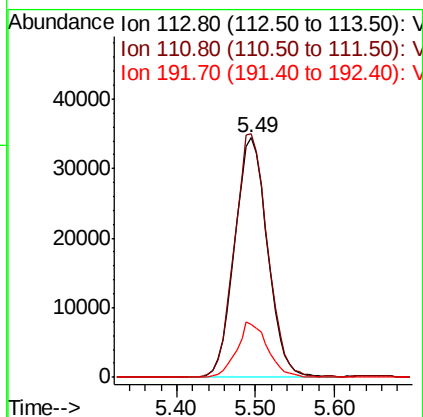
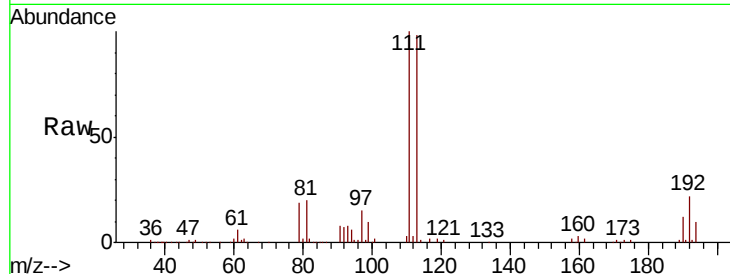




#35
 Dibromofluoromethane
 Concen: 45.921 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: VX010993.D
 Acq: 19 Jul 2019 11:34

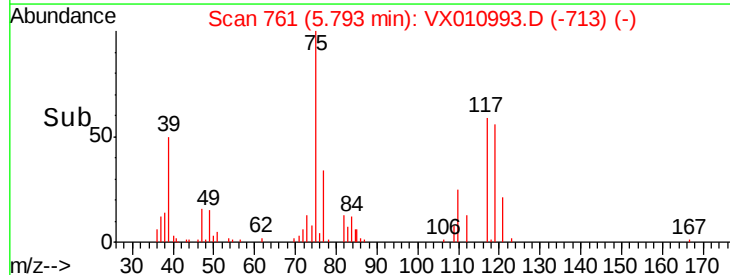
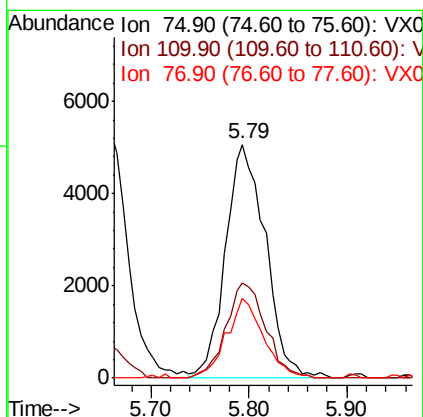
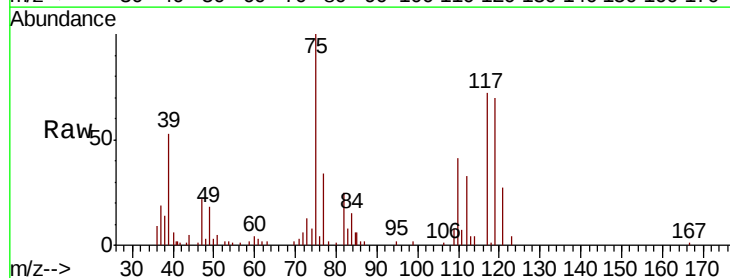
Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT3-2019

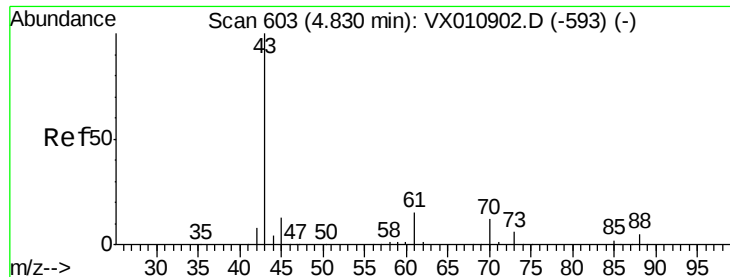
Tot Ion:113 Resp: 99771
 Ion Ratio Lower Upper
 113 100
 111 102.0 82.3 123.5
 192 21.6 17.4 26.2



#36
 1,1-Dichloropropene
 Concen: 5.098 ug/l
 RT: 5.79 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: VX010993.D
 Acq: 19 Jul 2019 11:34

Tgt Ion: 75 Resp: 14335
 Ion Ratio Lower Upper
 75 100
 110 40.6 19.9 59.7
 77 32.1 25.0 37.4

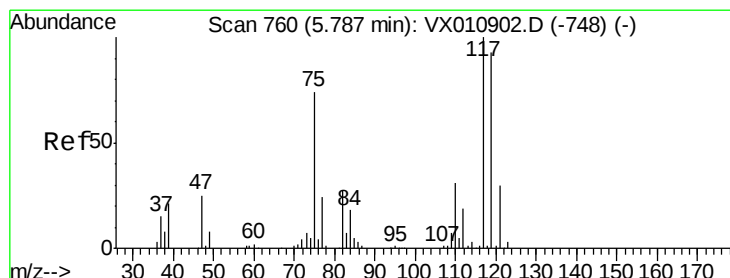
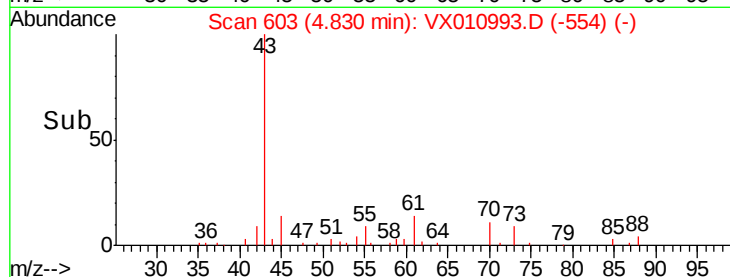
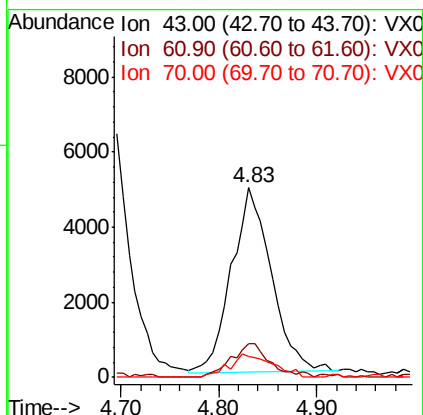
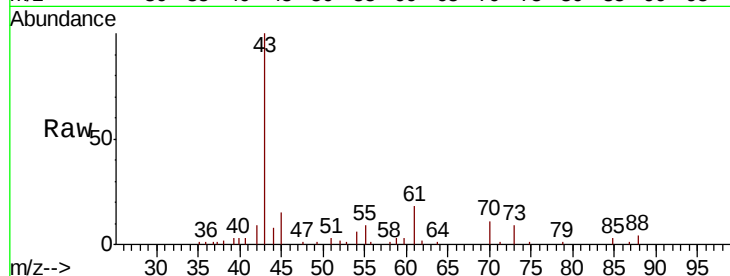




#37
Ethyl Acetate
Concen: 4.811 ug/l
RT: 4.83 min Scan# 603
Delta R.T. 0.00 min
Lab File: VX010993.D
Acq: 19 Jul 2019 11:34

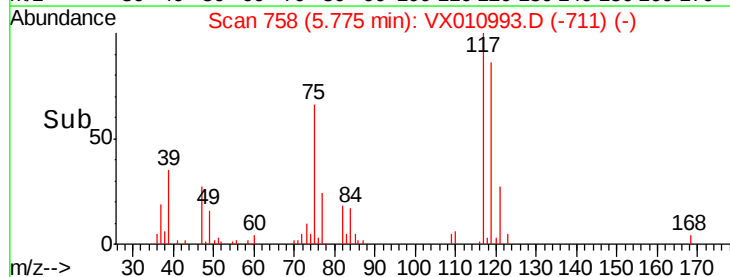
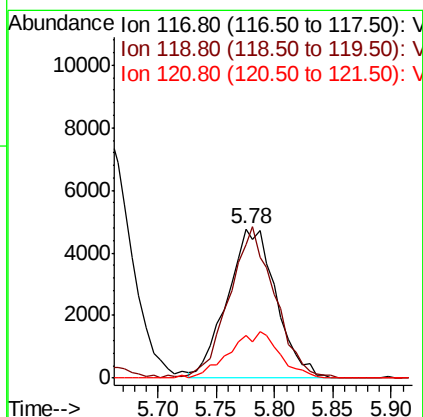
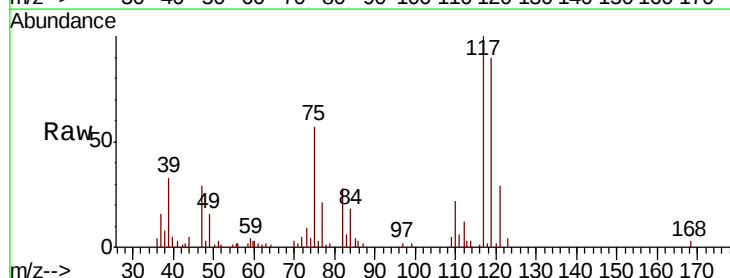
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2019

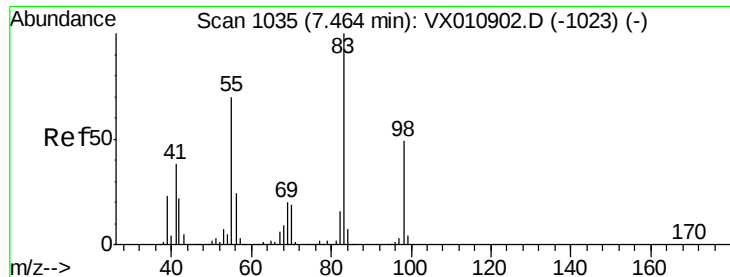
Tot Ion: 43 Resp: 13852
Ion Ratio Lower Upper
43 100
61 17.9 11.6 17.4#
70 13.6 9.1 13.7



#38
Carbon Tetrachloride
Concen: 4.758 ug/l
RT: 5.78 min Scan# 758
Delta R.T. -0.01 min
Lab File: VX010993.D
Acq: 19 Jul 2019 11:34

Tgt Ion: 117 Resp: 13941
Ion Ratio Lower Upper
117 100
119 89.5 74.2 111.2
121 28.6 24.2 36.2

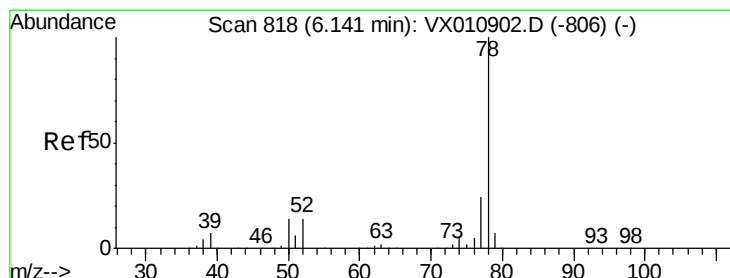
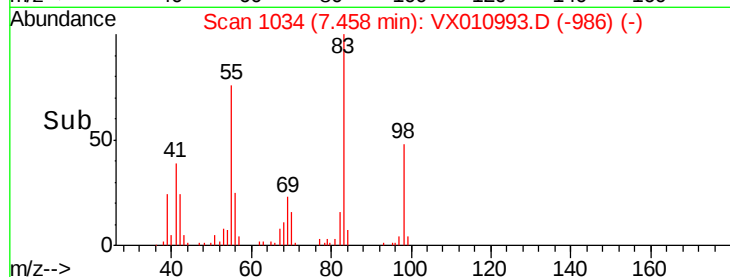
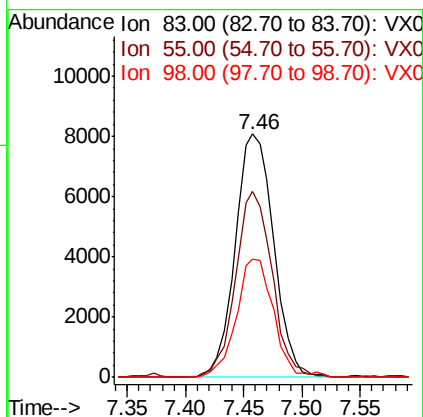
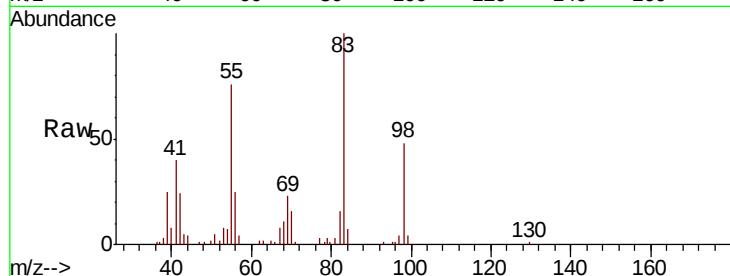




#39
Methvlcvclohexane
Concen: 5.081 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX010993.D
Acq: 19 Jul 2019 11:34

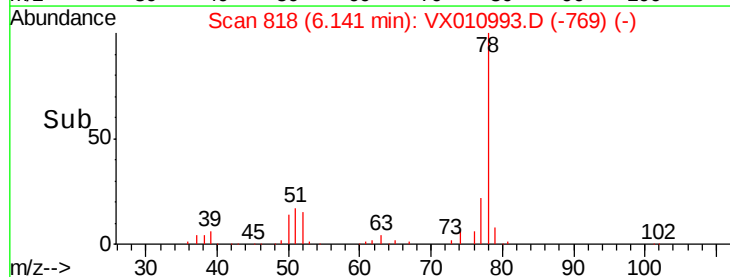
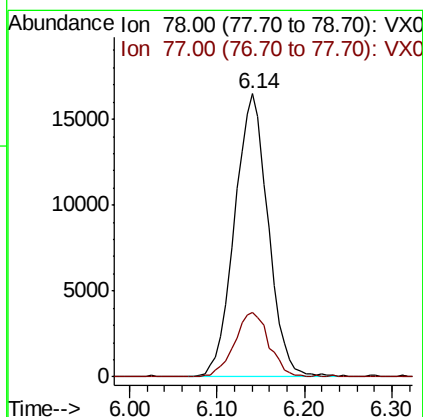
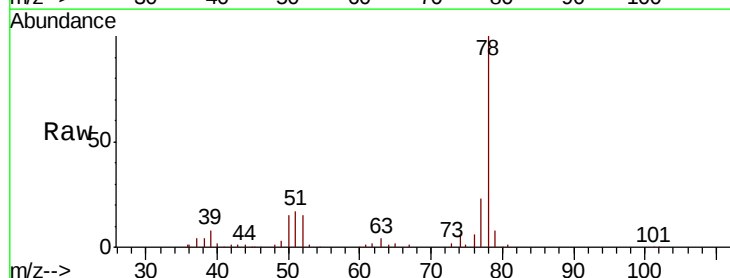
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2019

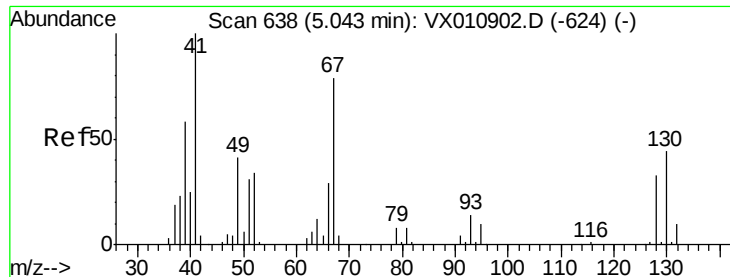
Tot Ion: 83 Resp: 18527
Ion Ratio Lower Upper
83 100
55 76.3 56.2 84.4
98 48.3 39.0 58.4



#40
Benzene
Concen: 5.098 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX010993.D
Acq: 19 Jul 2019 11:34

Tgt Ion: 78 Resp: 43910
Ion Ratio Lower Upper
78 100
77 22.8 19.0 28.6





#41

Methacrylonitrile

Concen: 4.972 ug/l

RT: 5.04 min Scan# 638

Delta R.T. 0.00 min

Lab File: VX010993.D

Acq: 19 Jul 2019 11:34

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT3-2019

Tot Ion: 41 Resp: 8126

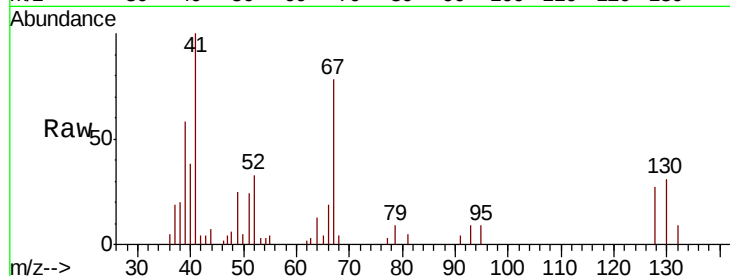
Ion Ratio Lower Upper

41 100

39 57.1 45.4 68.2

67 82.1 65.9 98.9

52 36.2 26.2 39.2

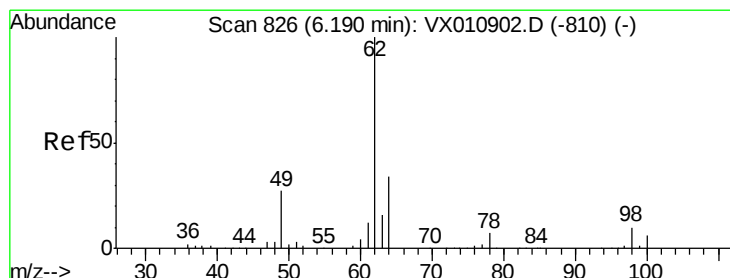
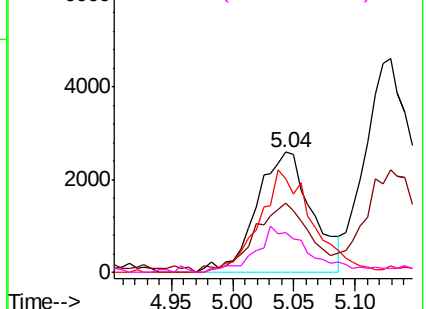
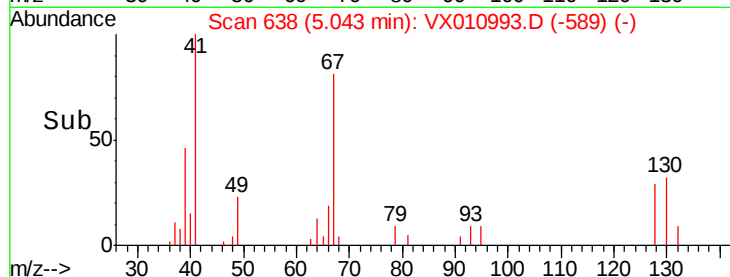


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 5.219 ug/l

RT: 6.19 min Scan# 826

Delta R.T. 0.00 min

Lab File: VX010993.D

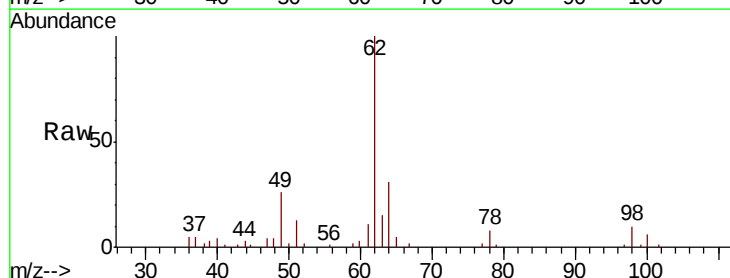
Acq: 19 Jul 2019 11:34

Tgt Ion: 62 Resp: 15630

Ion Ratio Lower Upper

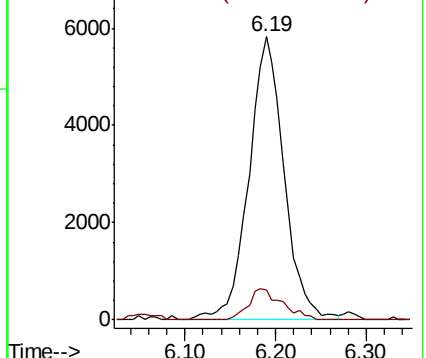
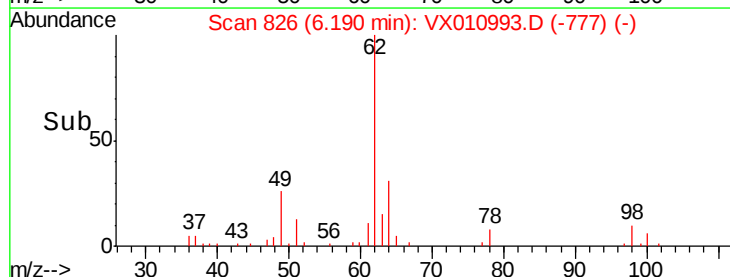
62 100

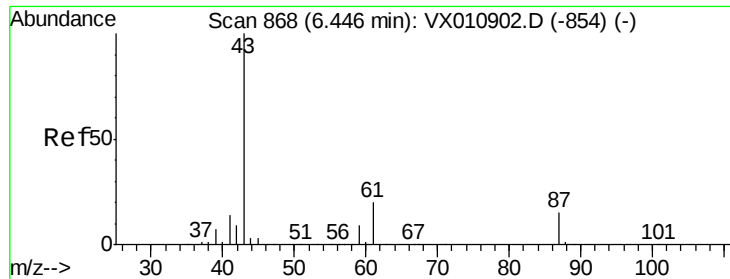
98 10.6 0.0 20.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 4.862 ug/l

RT: 6.44 min Scan# 867

Delta R.T. -0.01 min

Lab File: VX010993.D

Acq: 19 Jul 2019 11:34

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT3-2019

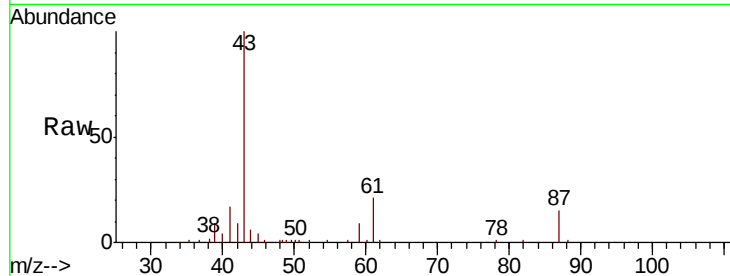
Tot Ion: 43 Resp: 23018

Ion Ratio Lower Upper

43 100

61 21.6 17.1 25.7

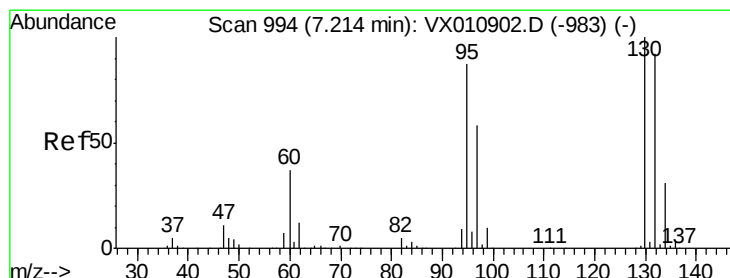
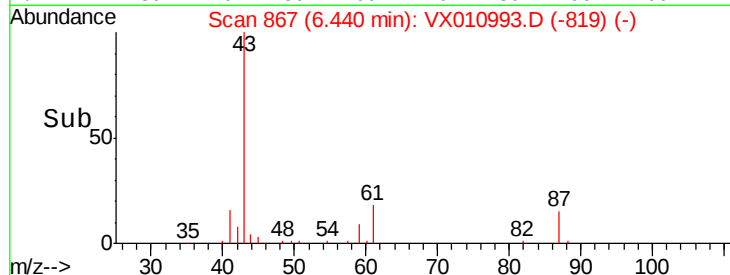
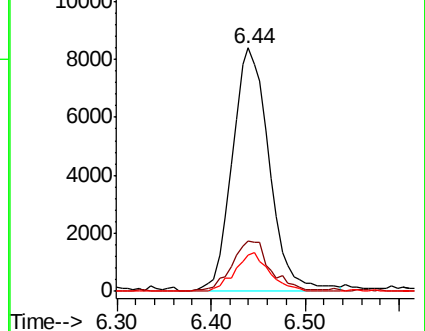
87 14.8 12.0 18.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 5.013 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX010993.D

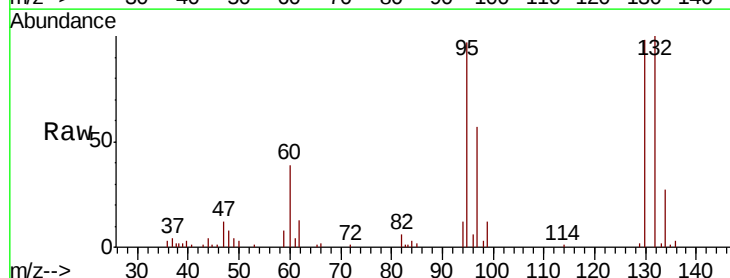
Acq: 19 Jul 2019 11:34

Tgt Ion:130 Resp: 12781

Ion Ratio Lower Upper

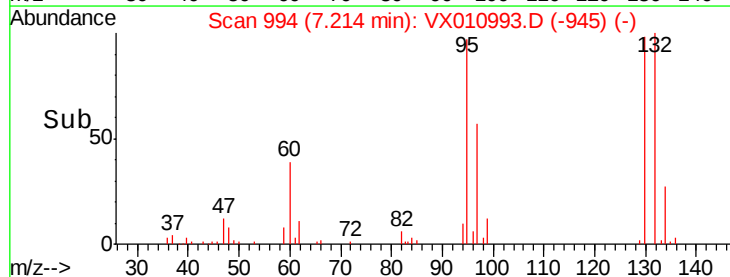
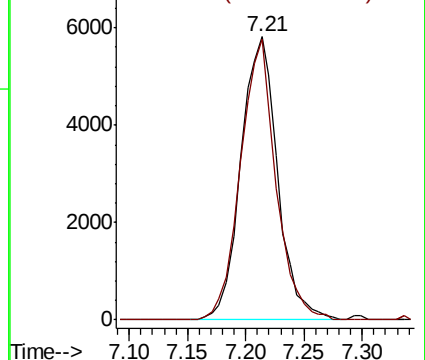
130 100

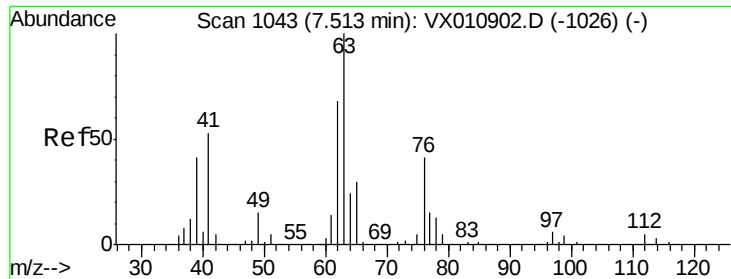
95 99.0 0.0 174.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

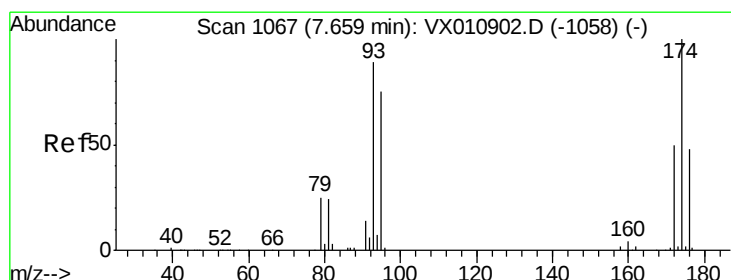
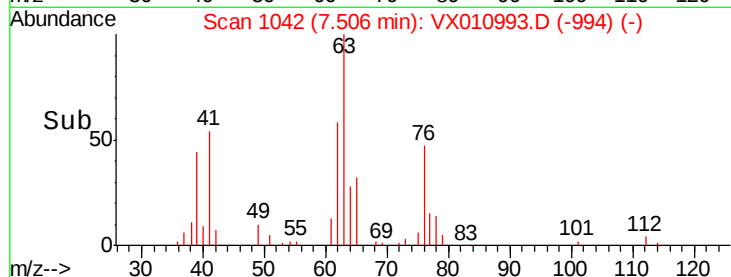
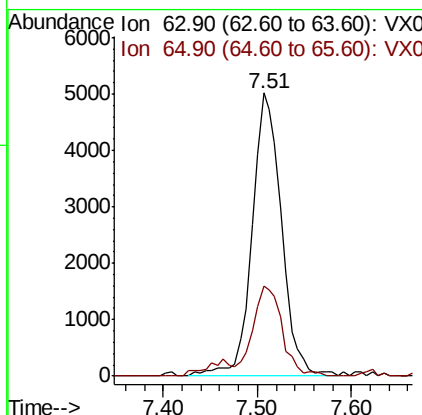
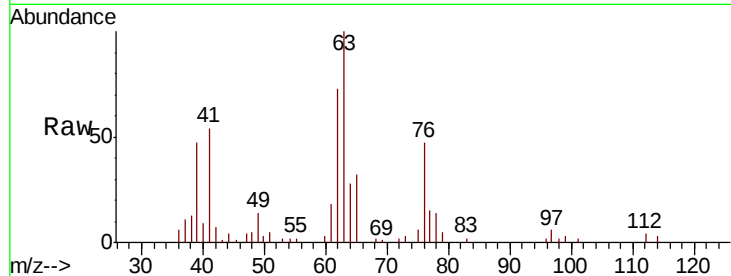




#45
 1,2-Dichloropropane
 Concen: 5.022 ug/l
 RT: 7.51 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: VX010993.D
 Acq: 19 Jul 2019 11:34

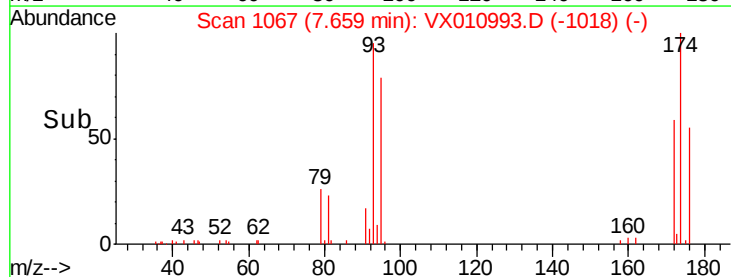
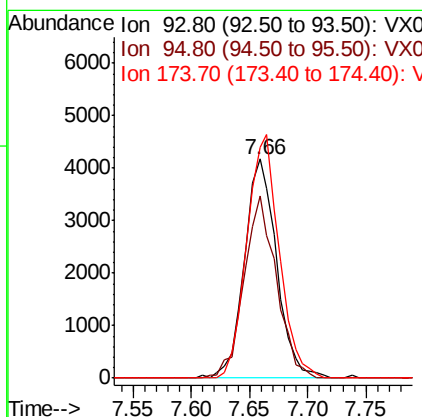
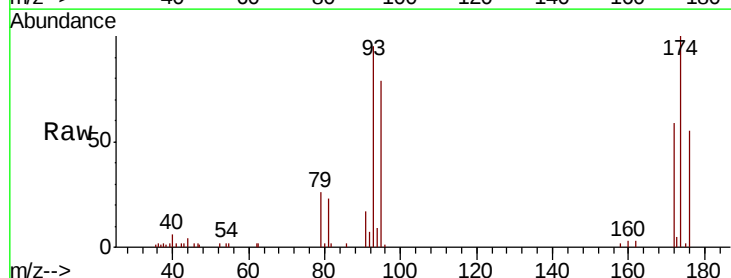
Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT3-2019

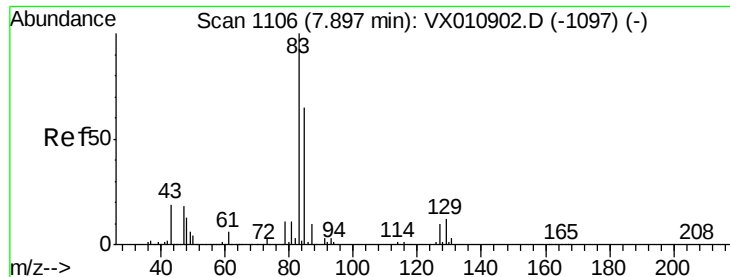
Tot Ion: 63 Resp: 11009
 Ion Ratio Lower Upper
 63 100
 65 31.6 24.4 36.6



#46
 Dibromomethane
 Concen: 5.137 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX010993.D
 Acq: 19 Jul 2019 11:34

Tgt Ion: 93 Resp: 8047
 Ion Ratio Lower Upper
 93 100
 95 83.2 67.2 100.8
 174 111.4 90.6 135.8

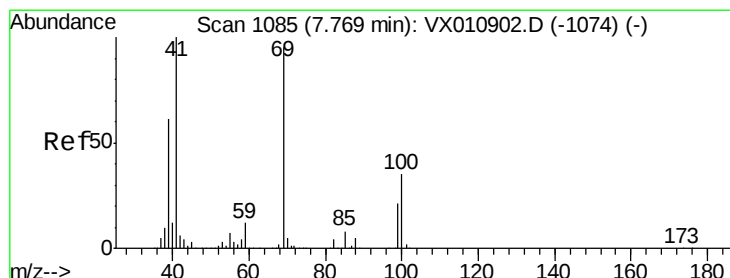
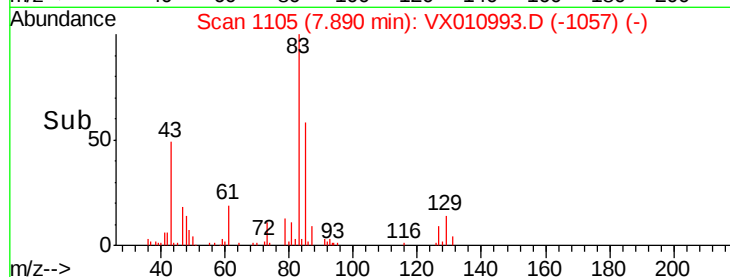
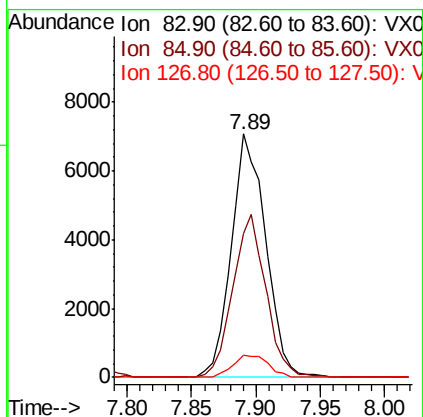
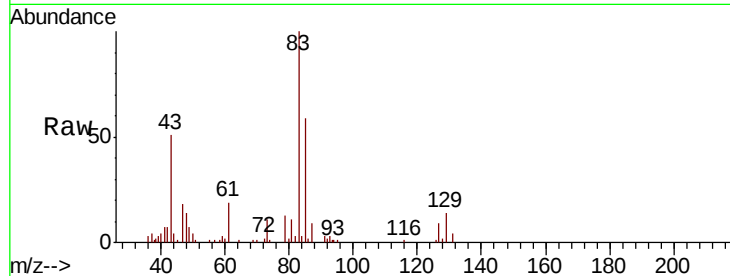




#47
Bromodichloromethane
Concen: 4.699 ug/l
RT: 7.89 min Scan# 1105
Delta R.T. -0.01 min
Lab File: VX010993.D
Acq: 19 Jul 2019 11:34

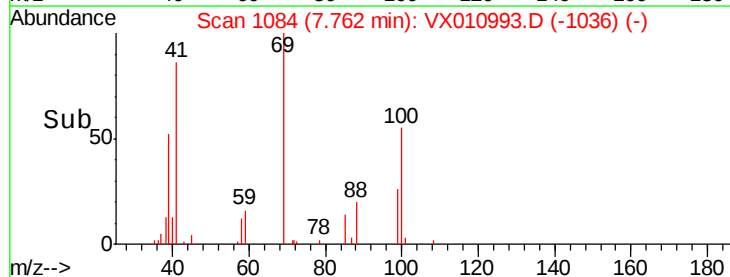
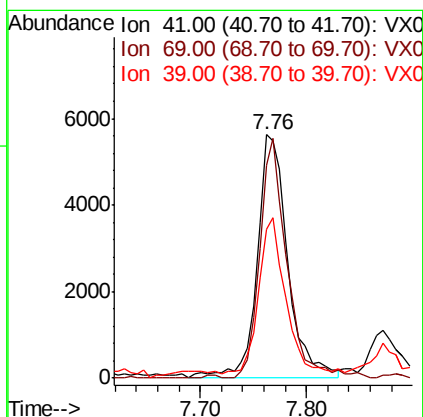
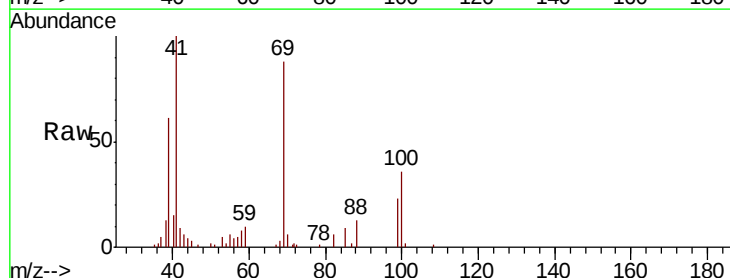
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2019

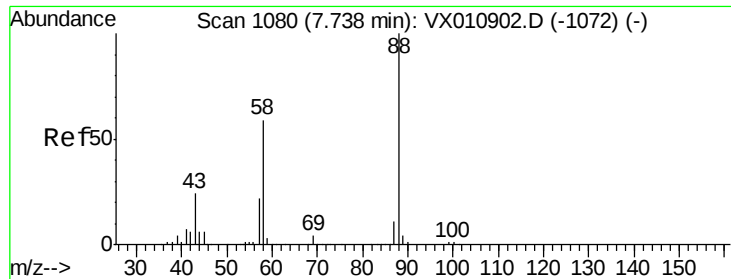
Tot Ion: 83 Resp: 13104
Ion Ratio Lower Upper
83 100
85 59.2 52.5 78.7
127 9.0 7.8 11.8



#48
Methyl methacrylate
Concen: 4.929 ug/l
RT: 7.76 min Scan# 1084
Delta R.T. -0.01 min
Lab File: VX010993.D
Acq: 19 Jul 2019 11:34

Tgt Ion: 41 Resp: 11367
Ion Ratio Lower Upper
41 100
69 87.5 74.4 111.6
39 57.8 48.9 73.3

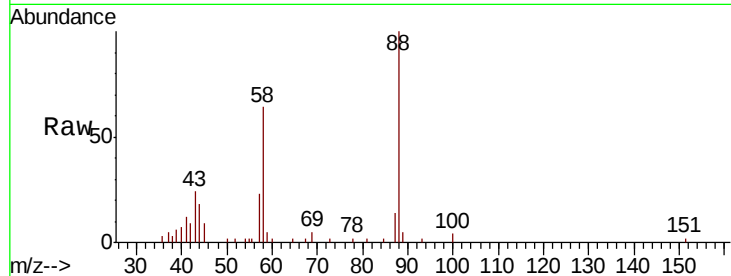




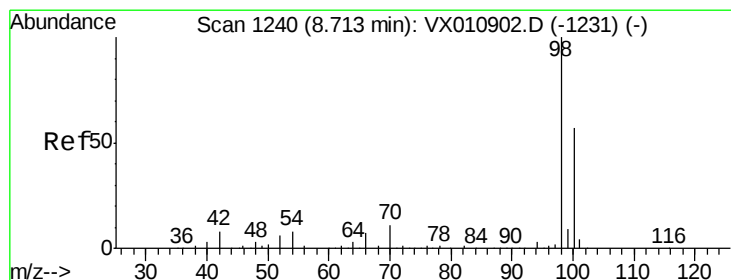
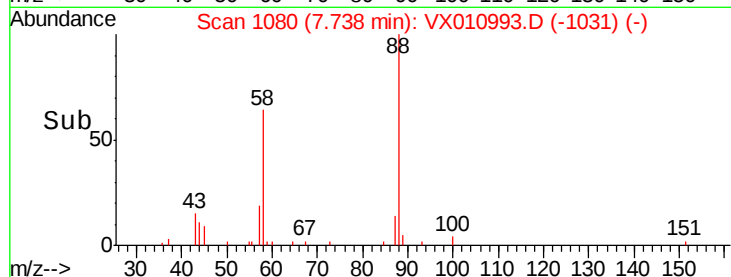
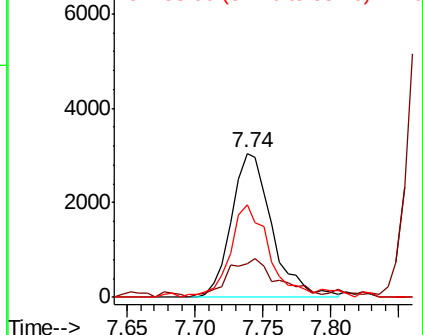
#49
1,4-Dioxane
Concen: 97.580 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX010993.D
Acq: 19 Jul 2019 11:34

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2019

Tot Ion: 88 Resp: 6295
Ion Ratio Lower Upper
88 100
43 33.7 22.9 34.3
58 61.7 49.8 74.8

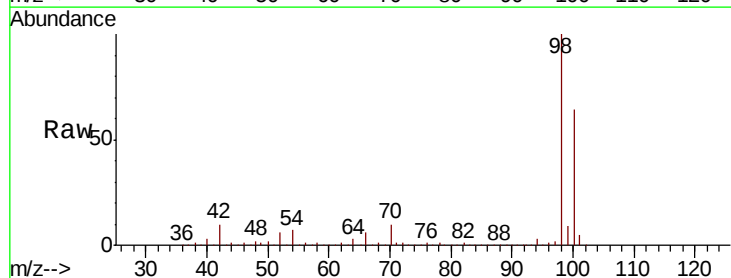


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

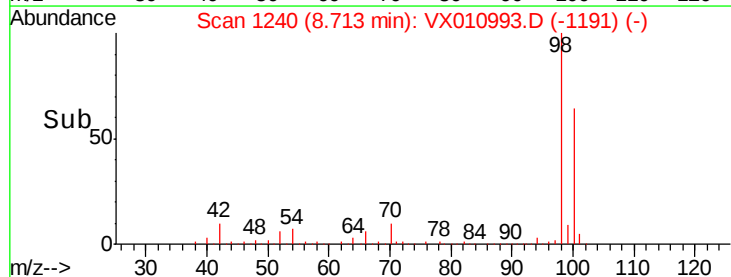
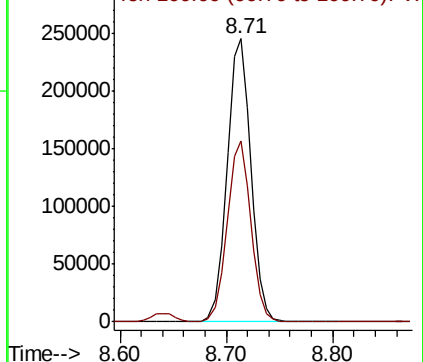


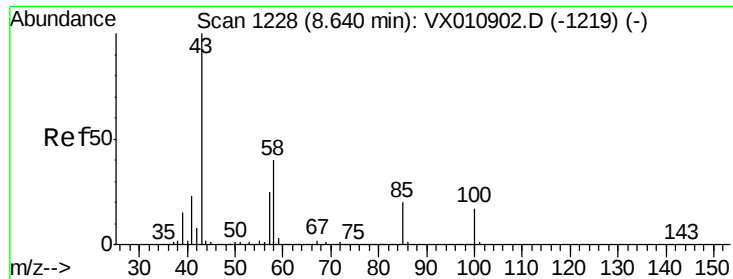
#50
Toluene-d8
Concen: 47.083 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010993.D
Acq: 19 Jul 2019 11:34

Tgt Ion: 98 Resp: 383678
Ion Ratio Lower Upper
98 100
100 63.3 50.6 75.8



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V

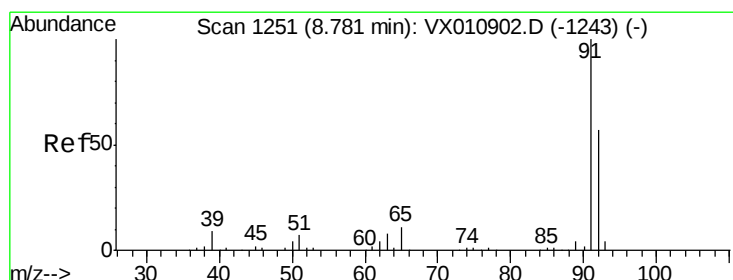
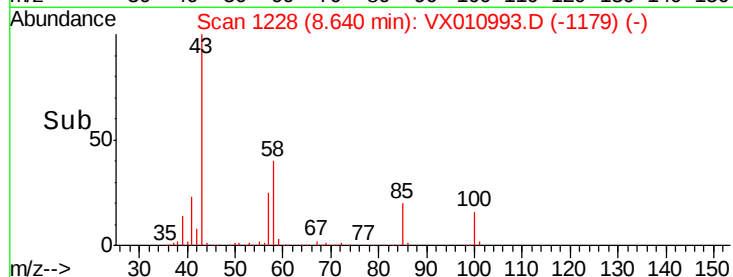
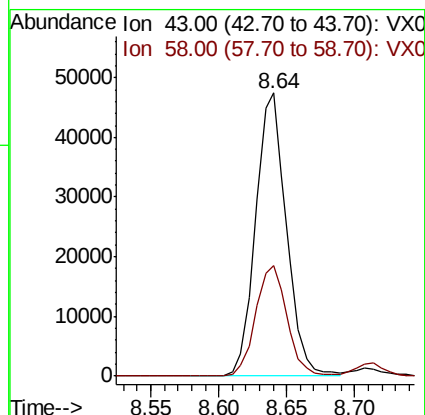
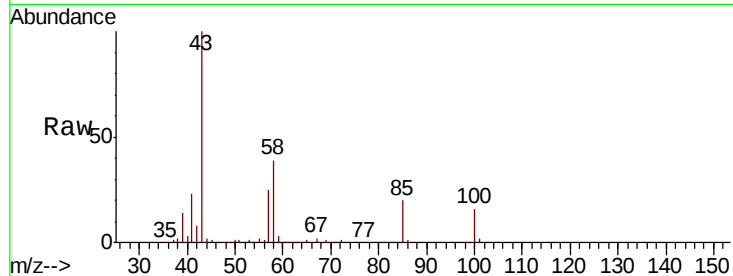




#51
4-Methyl-2-Pentanone
Concen: 24.583 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. 0.00 min
Lab File: VX010993.D
Acq: 19 Jul 2019 11:34

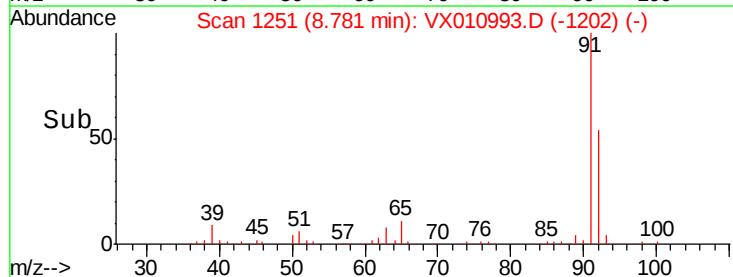
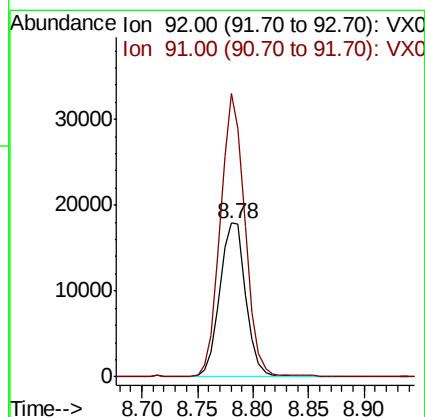
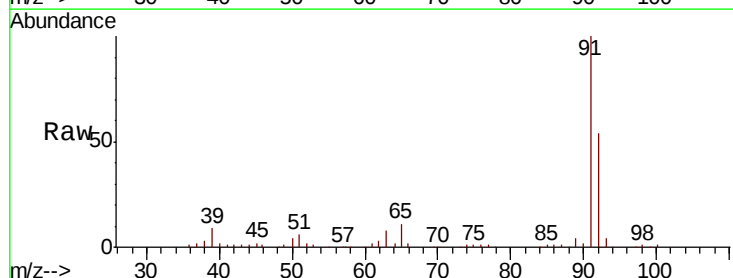
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2019

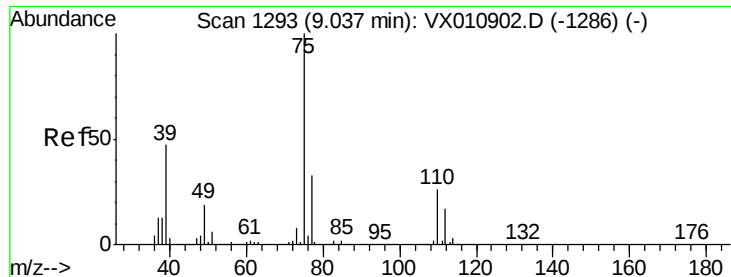
Tot Ion: 43 Resp: 75442
Ion Ratio Lower Upper
43 100
58 39.8 32.2 48.4



#52
Toluene
Concen: 5.126 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. 0.00 min
Lab File: VX010993.D
Acq: 19 Jul 2019 11:34

Tgt Ion: 92 Resp: 29002
Ion Ratio Lower Upper
92 100
91 174.2 139.4 209.0

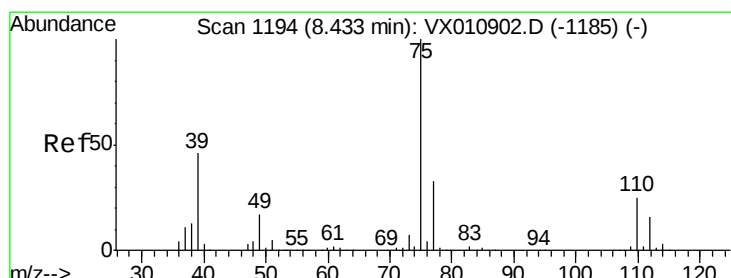
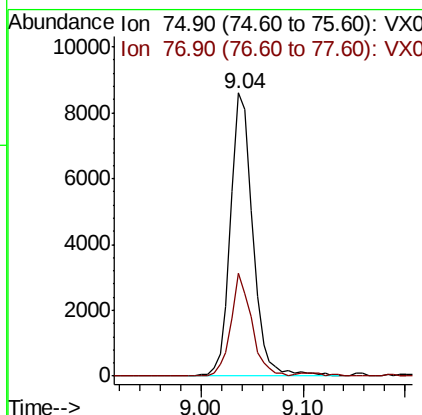
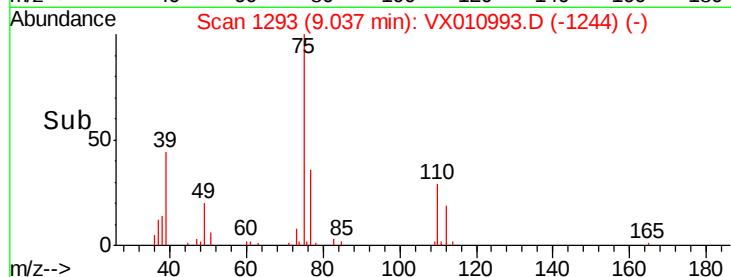
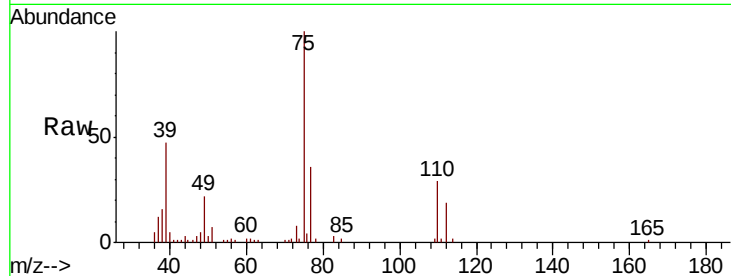




#53
 t-1,3-Dichloropropene
 Concen: 4.325 ug/l
 RT: 9.04 min Scan# 1293
 Delta R.T. 0.00 min
 Lab File: VX010993.D
 Acq: 19 Jul 2019 11:34

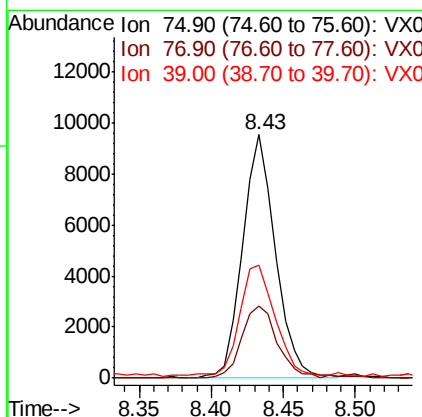
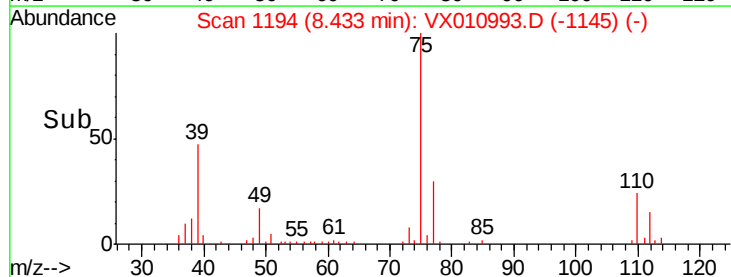
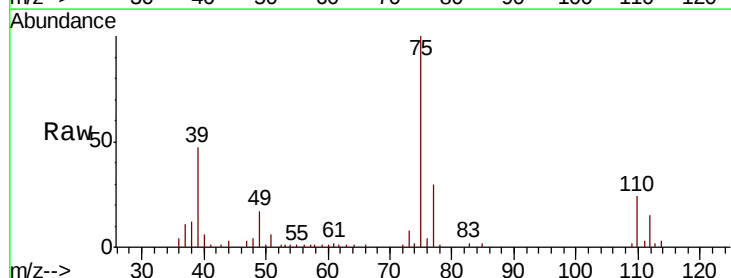
Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT3-2019

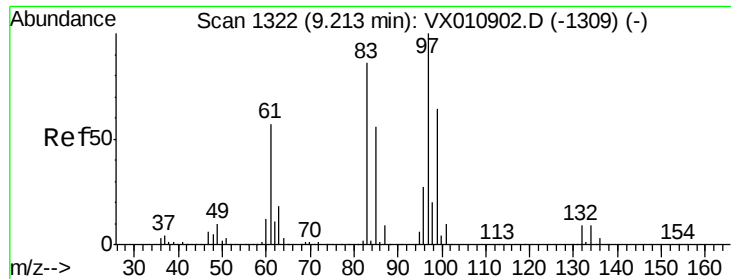
Tot Ion: 75 Resp: 12966
 Ion Ratio Lower Upper
 75 100
 77 36.3 26.2 39.2



#54
 cis-1,3-Dichloropropene
 Concen: 4.522 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: VX010993.D
 Acq: 19 Jul 2019 11:34

Tgt Ion: 75 Resp: 15085
 Ion Ratio Lower Upper
 75 100
 77 29.6 26.1 39.1
 39 45.5 36.6 54.8





#55

1,1,2-Trichloroethane

Concen: 5.008 ug/l

RT: 9.21 min Scan# 1321

Delta R.T. -0.01 min

Lab File: VX010993.D

Acq: 19 Jul 2019 11:34

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT3-2019

Tot Ion: 97 Resp: 11667

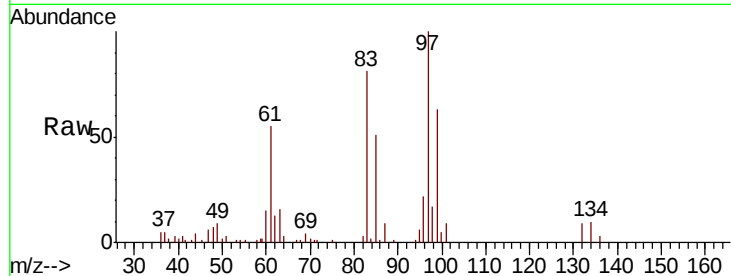
Ion Ratio Lower Upper

97 100

83 80.9 69.2 103.8

85 50.4 44.6 66.8

99 63.1 51.2 76.8

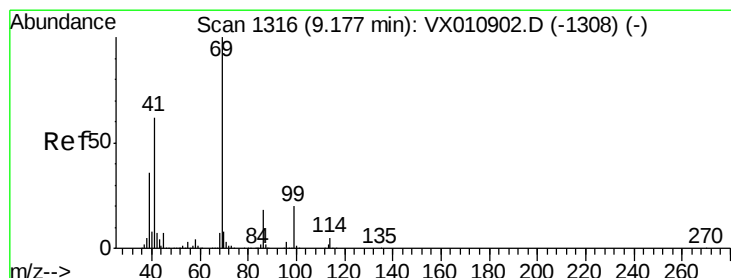
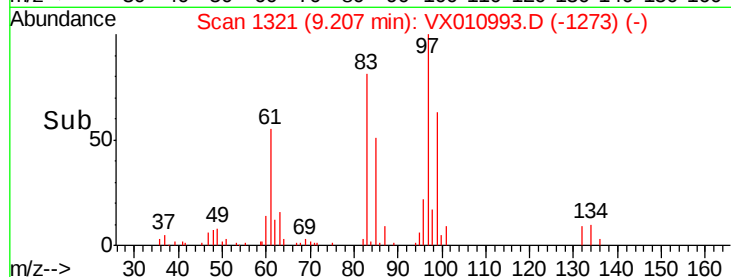
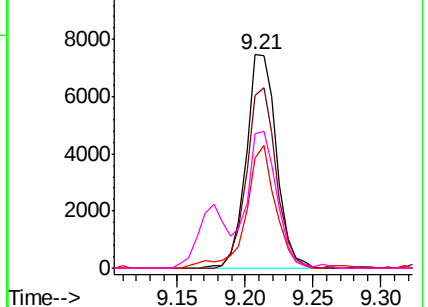


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 4.975 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VX010993.D

Acq: 19 Jul 2019 11:34

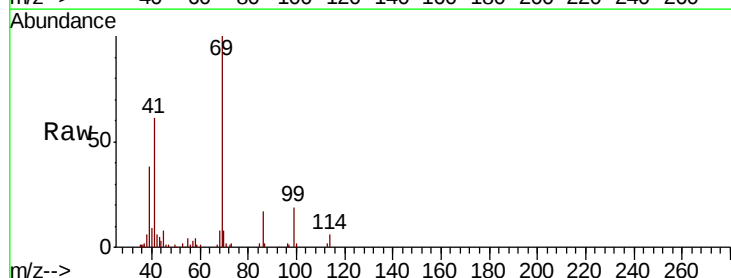
Tgt Ion: 69 Resp: 16955

Ion Ratio Lower Upper

69 100

41 59.9 49.7 74.5

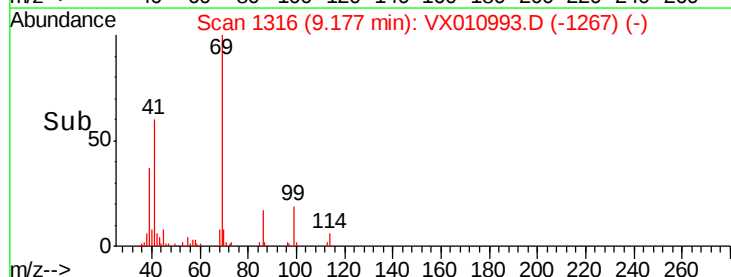
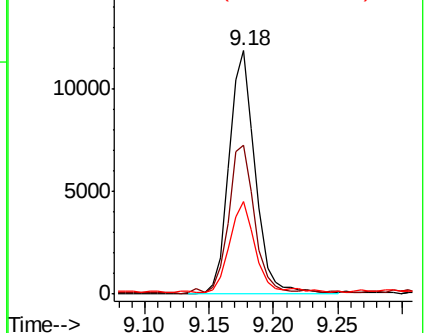
39 37.6 29.6 44.4

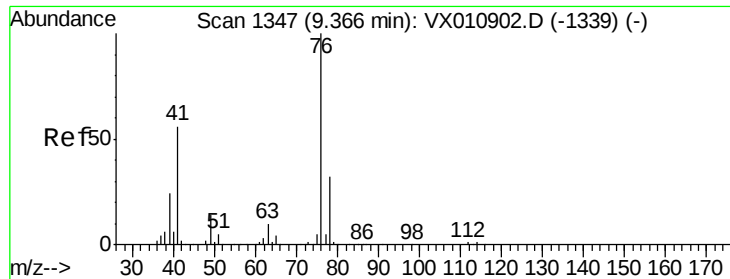


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 5.183 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. 0.00 min

Lab File: VX010993.D

Acq: 19 Jul 2019 11:34

Instrument :

MSVOA_X

ClientSampleId :

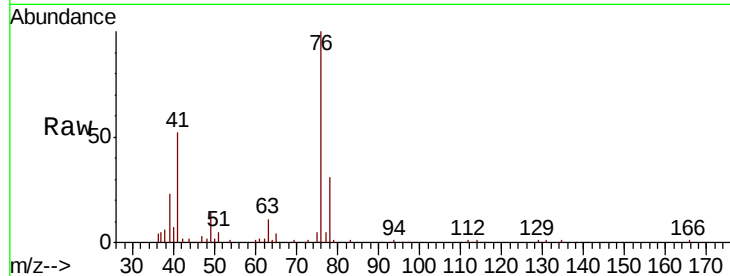
LOQ-WATER-02-QT3-2019

Tot Ion: 76 Resp: 19155

Ion Ratio Lower Upper

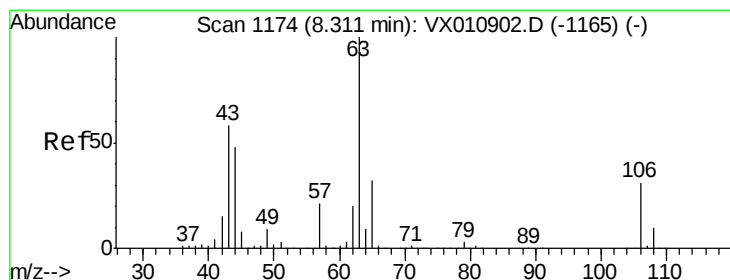
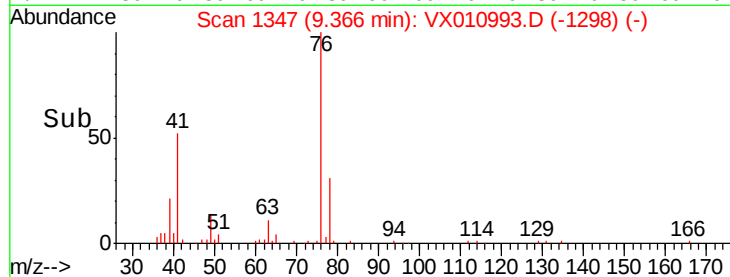
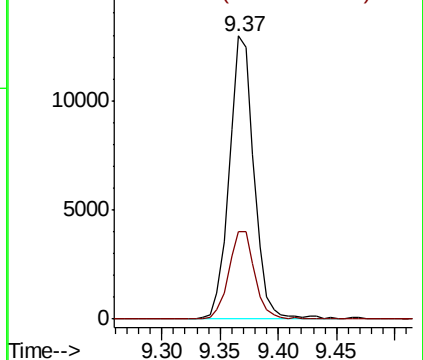
76 100

78 32.4 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 24.611 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX010993.D

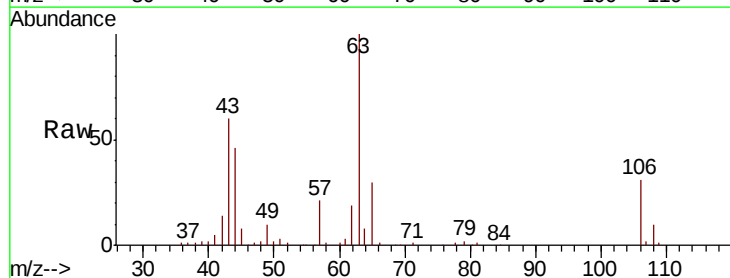
Acq: 19 Jul 2019 11:34

Tgt Ion: 63 Resp: 40035

Ion Ratio Lower Upper

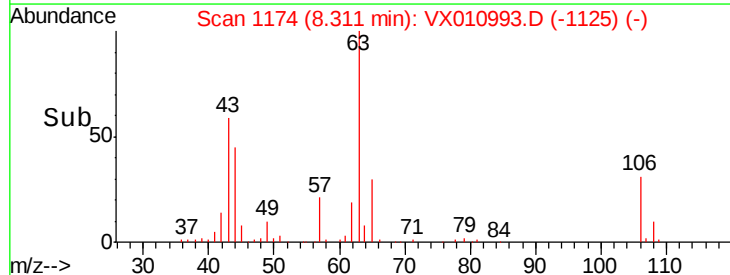
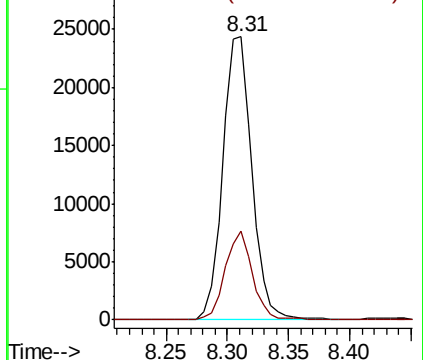
63 100

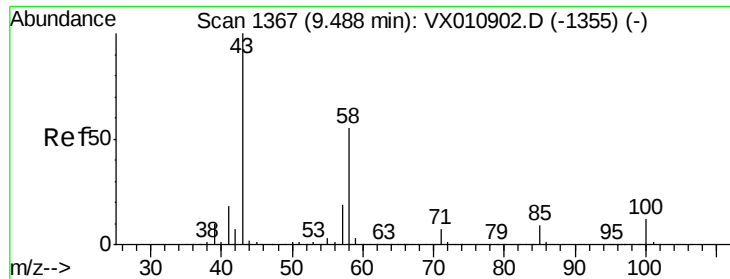
106 29.2 24.0 36.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

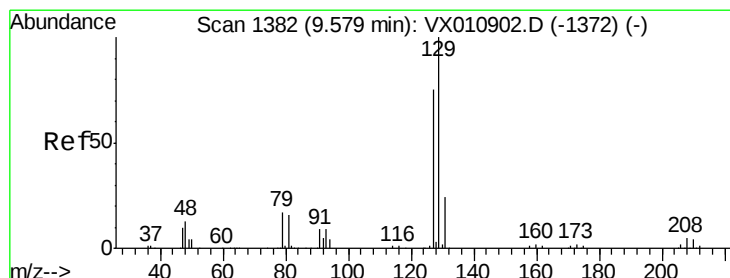
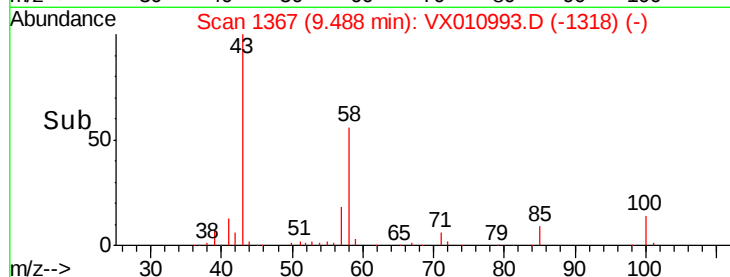
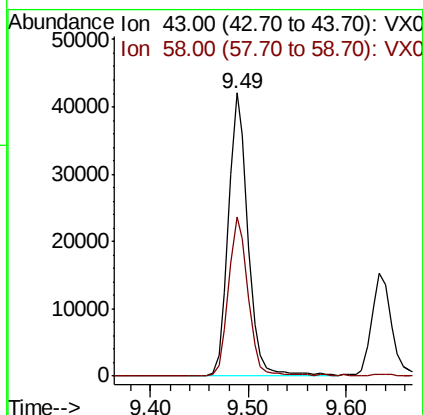
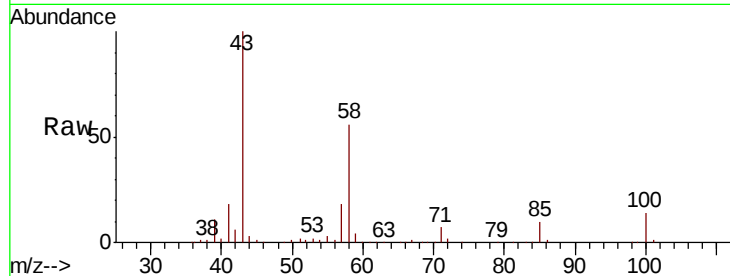




#59
2-Hexanone
Concen: 24.616 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX010993.D
Acq: 19 Jul 2019 11:34

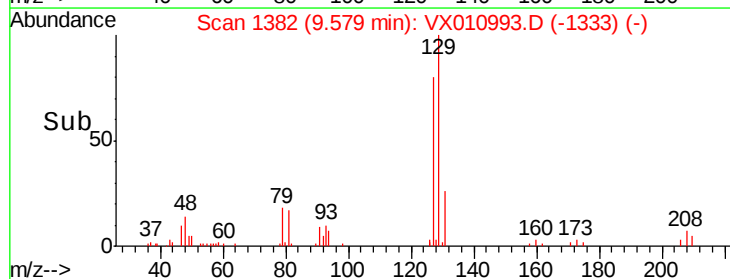
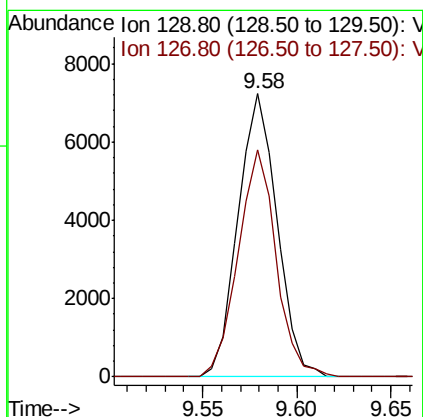
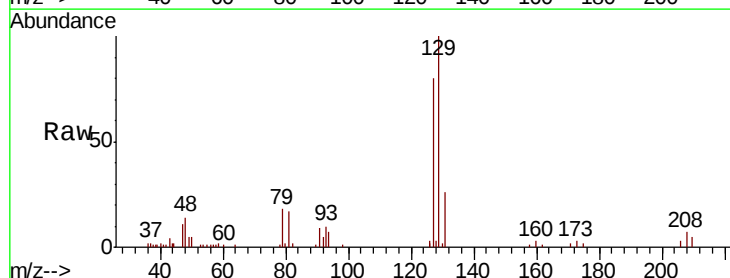
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2019

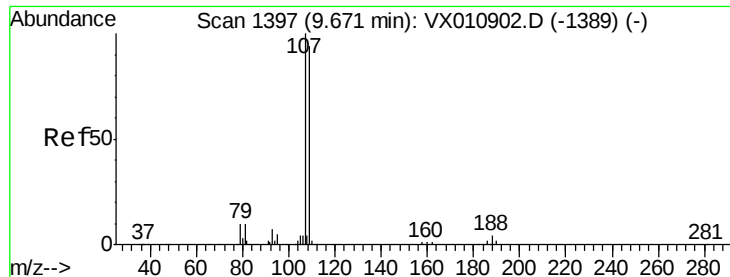
Tot Ion: 43 Resp: 58593
Ion Ratio Lower Upper
43 100
58 56.4 28.0 83.9



#60
Dibromochloromethane
Concen: 6.196 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX010993.D
Acq: 19 Jul 2019 11:34

Tgt Ion:129 Resp: 10358
Ion Ratio Lower Upper
129 100
127 78.4 38.6 115.8





#61

1,2-Dibromoethane

Concen: 4.892 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX010993.D

Acq: 19 Jul 2019 11:34

Instrument :

MSVOA_X

ClientSampleId :

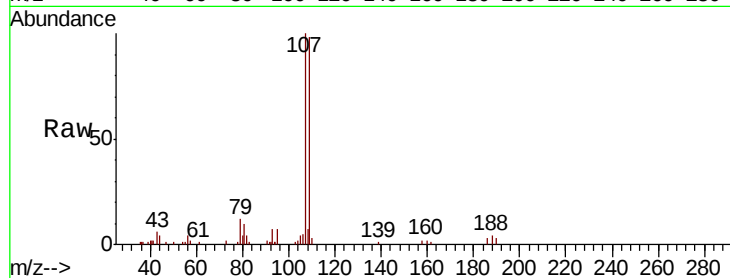
LOQ-WATER-02-QT3-2019

Tot Ion:107 Resp: 12094

Ion Ratio Lower Upper

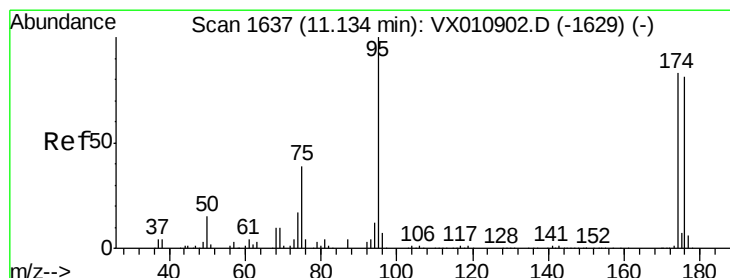
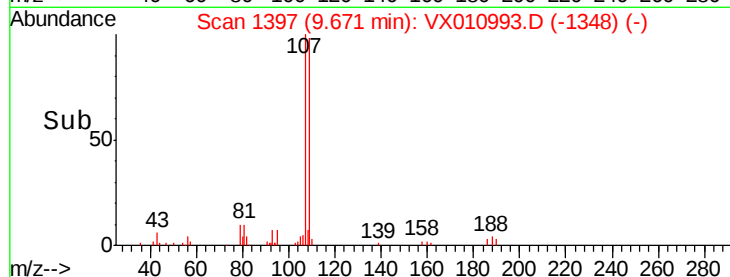
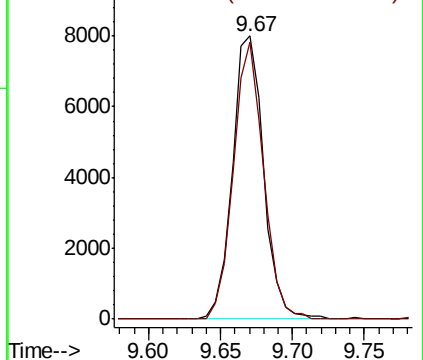
107 100

109 94.2 75.4 113.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 46.547 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010993.D

Acq: 19 Jul 2019 11:34

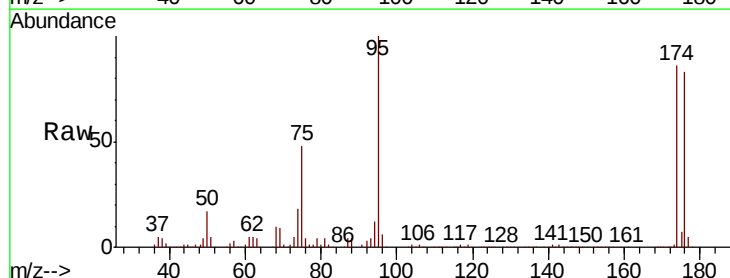
Tgt Ion: 95 Resp: 139421

Ion Ratio Lower Upper

95 100

174 91.6 0.0 180.6

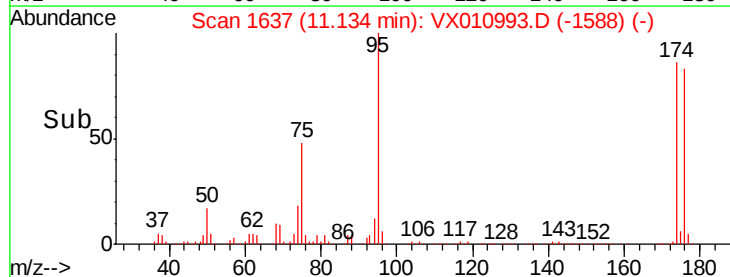
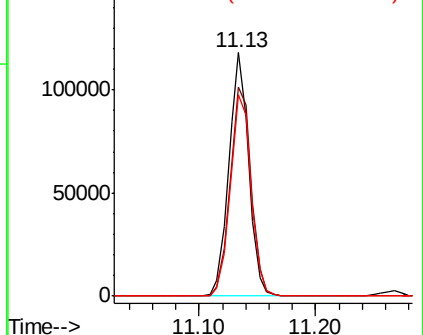
176 87.3 0.0 173.8

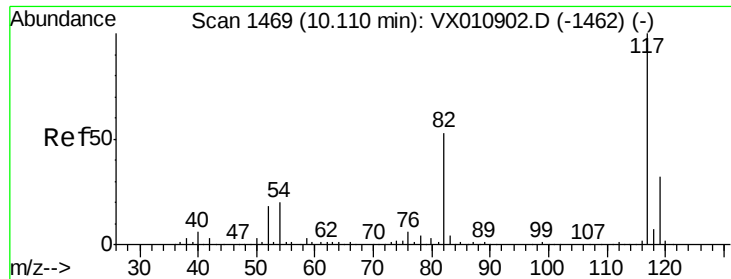


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

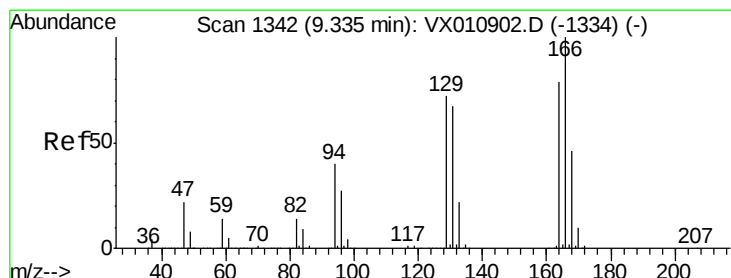
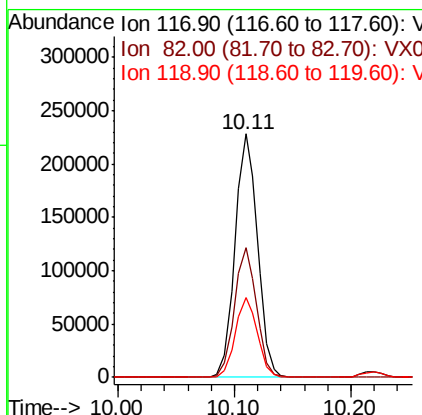
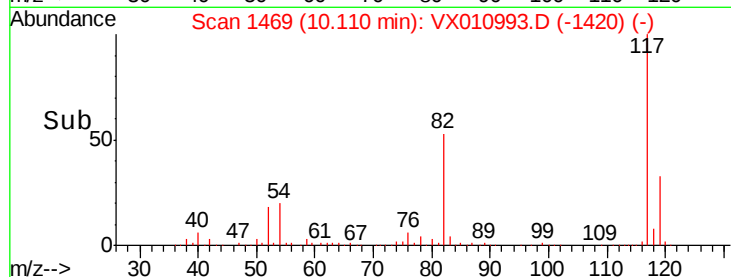
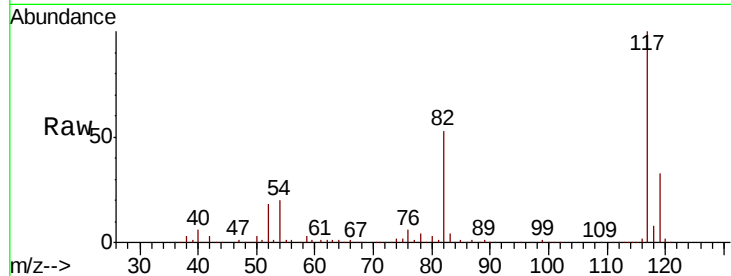




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010993.D
Acq: 19 Jul 2019 11:34

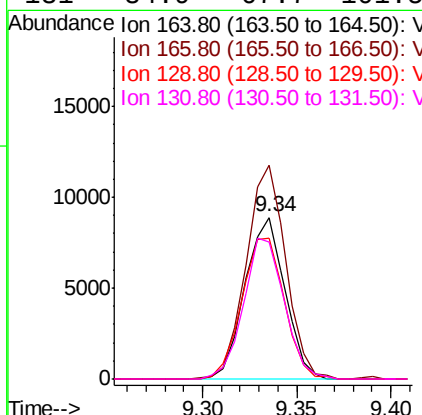
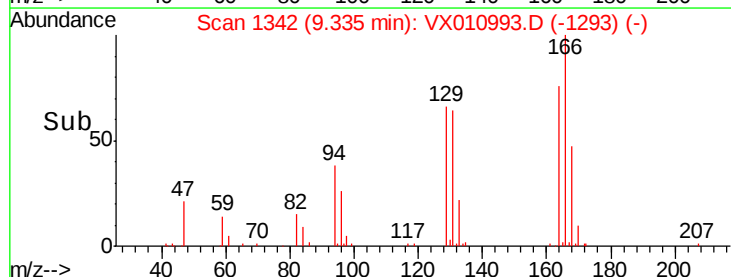
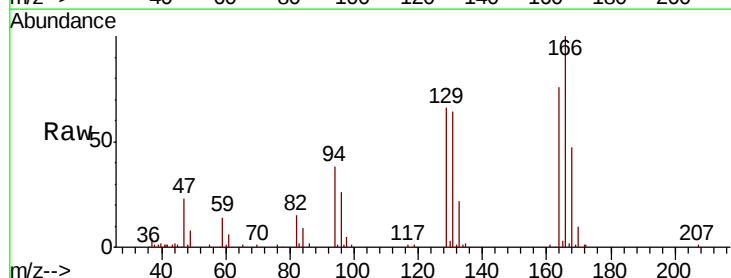
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2019

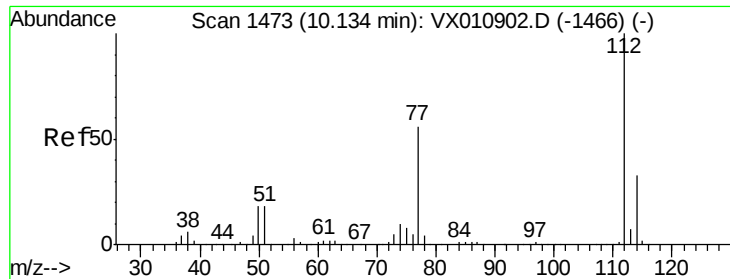
Tot Ion:117 Resp: 307748
Ion Ratio Lower Upper
117 100
82 53.0 42.6 63.8
119 32.6 25.9 38.9



#64
Tetrachloroethene
Concen: 5.387 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX010993.D
Acq: 19 Jul 2019 11:34

Tgt Ion:164 Resp: 13042
Ion Ratio Lower Upper
164 100
166 132.1 100.8 151.2
129 87.5 72.6 109.0
131 84.9 67.7 101.5

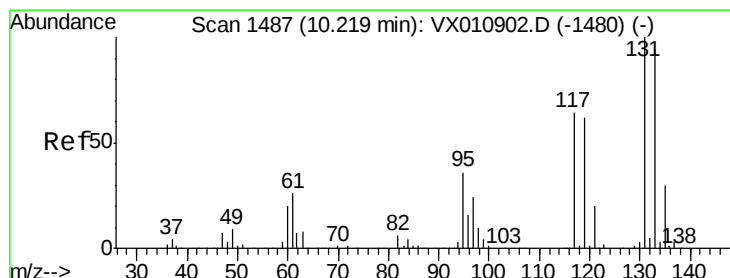
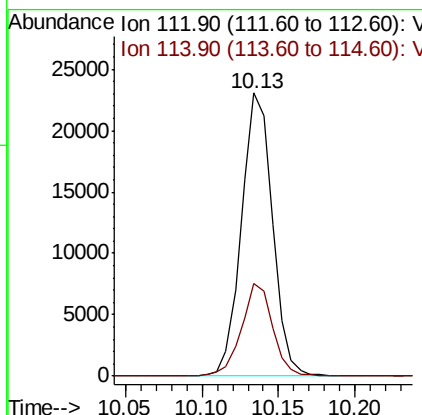
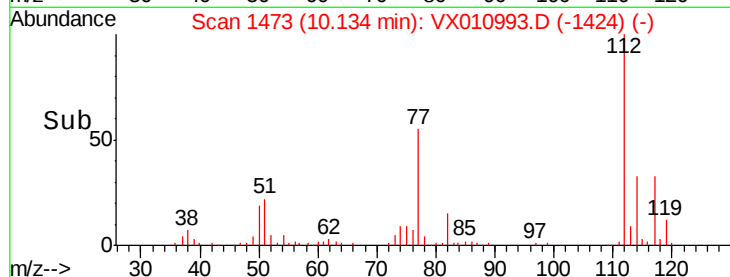
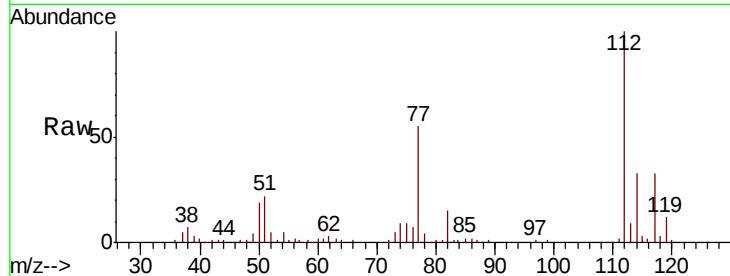




#65
Chlorobenzene
Concen: 5.121 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX010993.D
Acq: 19 Jul 2019 11:34

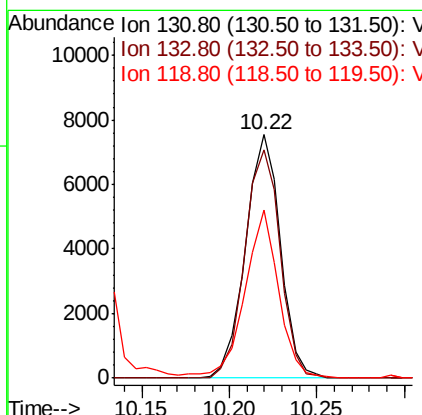
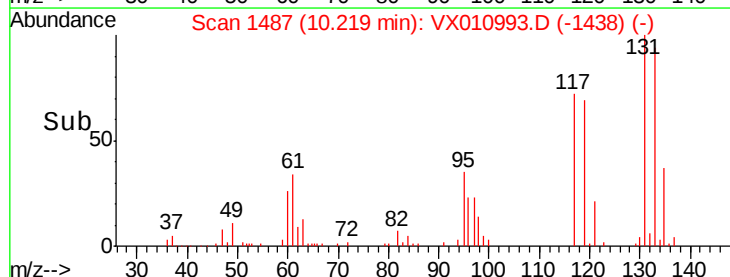
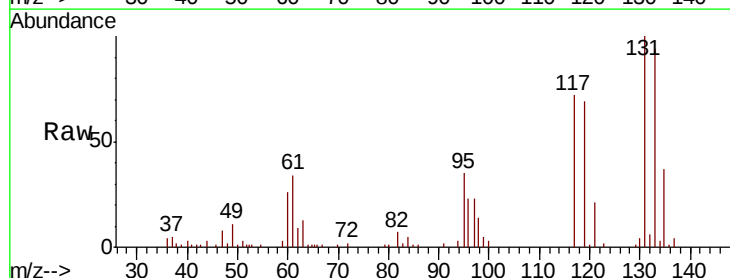
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2019

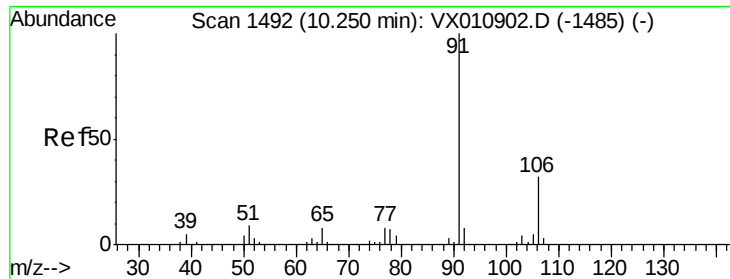
Tot Ion:112 Resp: 32372
Ion Ratio Lower Upper
112 100
114 32.6 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 4.718 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX010993.D
Acq: 19 Jul 2019 11:34

Tgt Ion:131 Resp: 10481
Ion Ratio Lower Upper
131 100
133 94.5 47.1 141.4
119 66.9 31.9 95.7





#67

Ethyl Benzene

Concen: 5.074 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX010993.D

Acq: 19 Jul 2019 11:34

Instrument :

MSVOA_X

ClientSampleId :

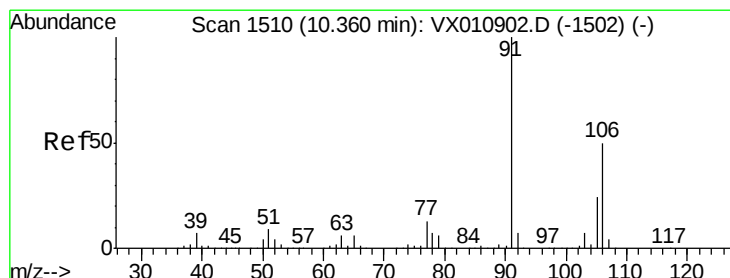
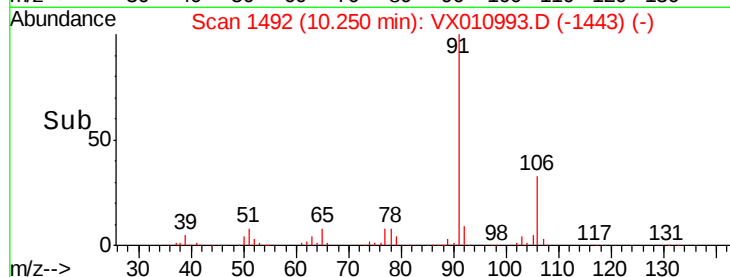
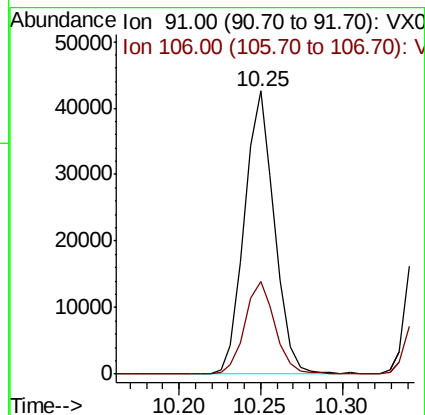
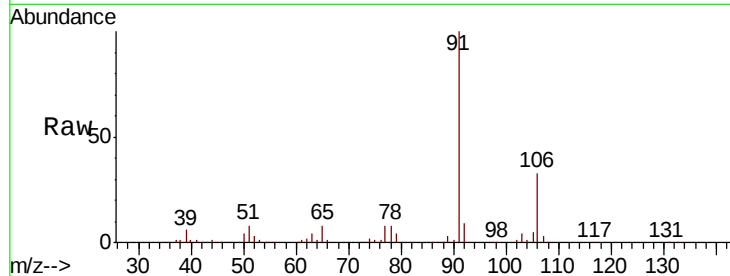
LOQ-WATER-02-QT3-2019

Tot Ion: 91 Resp: 54591

Ion Ratio Lower Upper

91 100

106 32.8 25.4 38.2



#68

m/p-Xylenes

Concen: 10.408 ug/l

RT: 10.35 min Scan# 1509

Delta R.T. -0.01 min

Lab File: VX010993.D

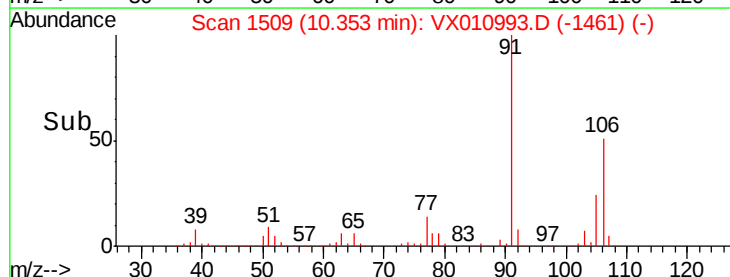
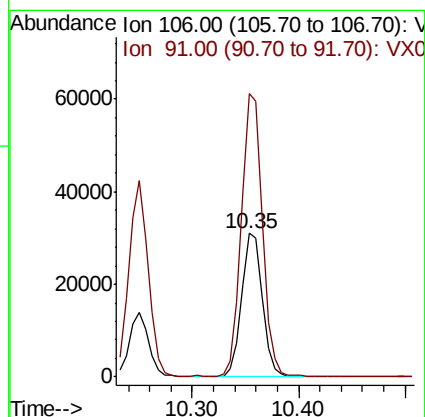
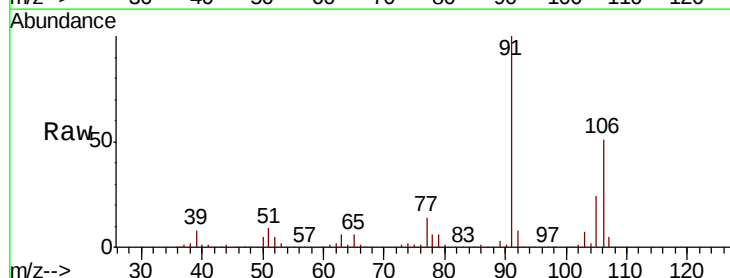
Acq: 19 Jul 2019 11:34

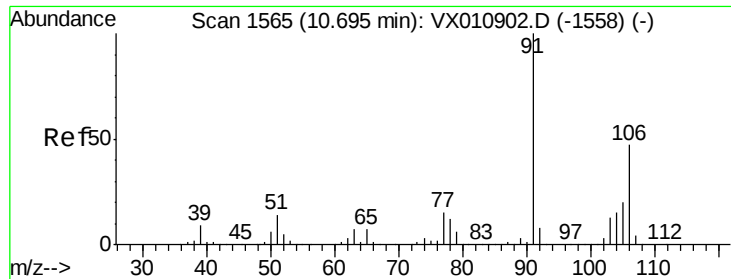
Tgt Ion: 106 Resp: 42956

Ion Ratio Lower Upper

106 100

91 198.4 160.1 240.1

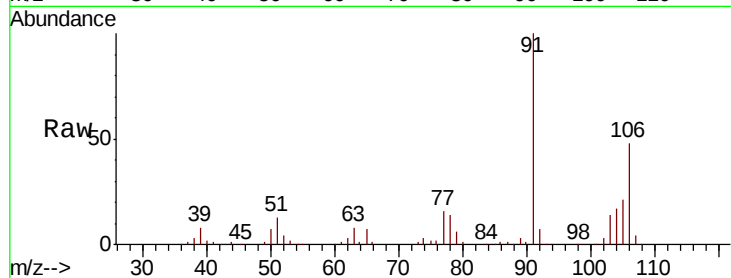




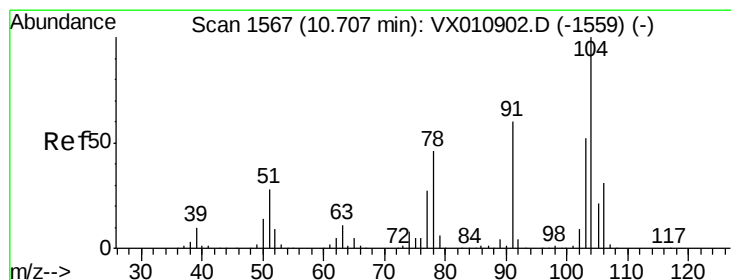
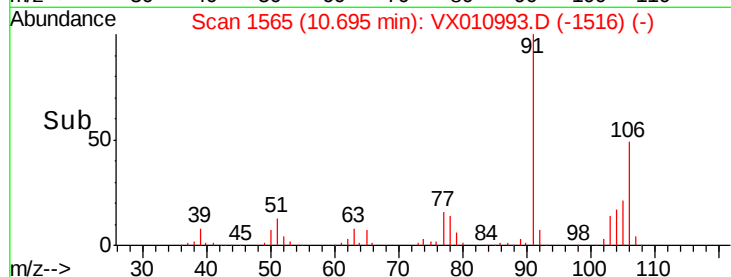
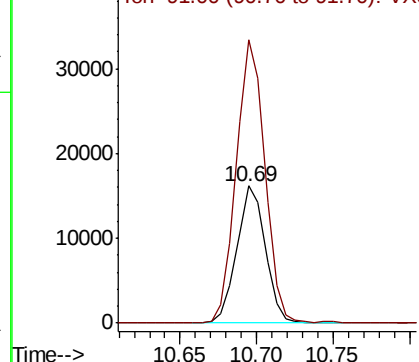
#69
o-Xylene
Concen: 5.183 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010993.D
Acq: 19 Jul 2019 11:34

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2019

Tot Ion:106 Resp: 20875
Ion Ratio Lower Upper
106 100
91 207.7 105.1 315.3

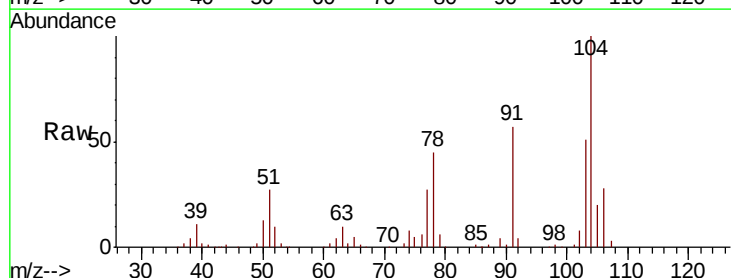


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

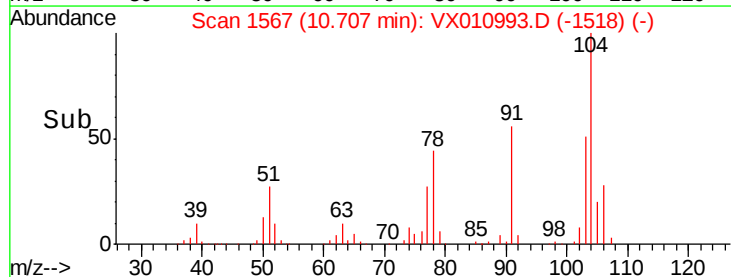
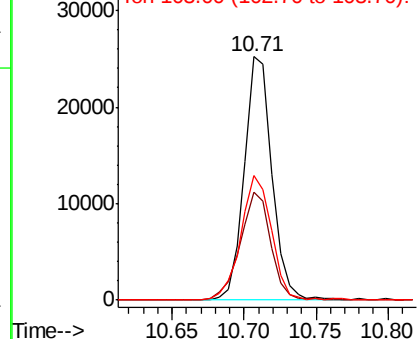


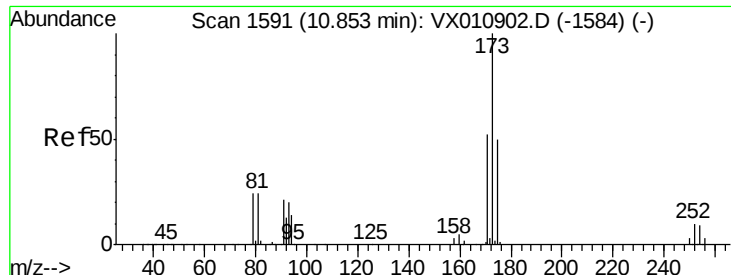
#70
Styrene
Concen: 4.996 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX010993.D
Acq: 19 Jul 2019 11:34

Tgt Ion:104 Resp: 33546
Ion Ratio Lower Upper
104 100
78 49.7 38.8 58.2
103 57.2 44.2 66.4



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 6.105 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX010993.D

Acq: 19 Jul 2019 11:34

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT3-2019

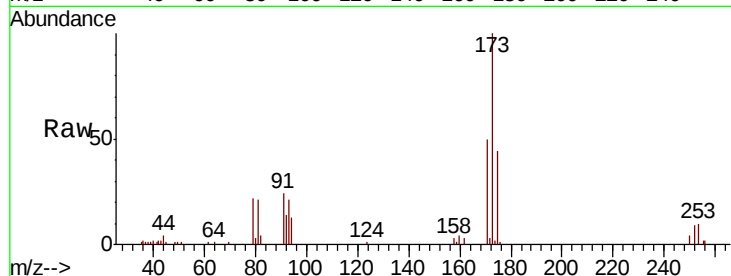
Tot Ion:173 Resp: 7578

Ion Ratio Lower Upper

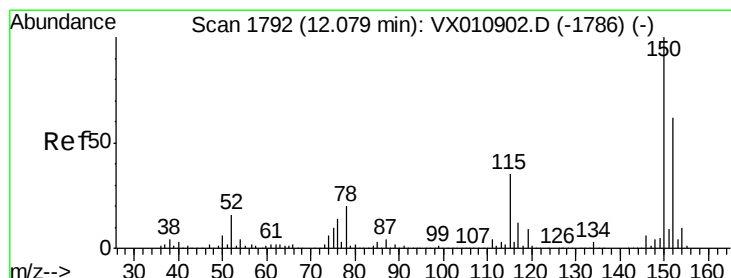
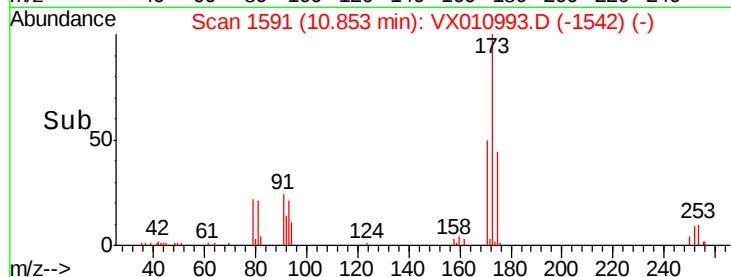
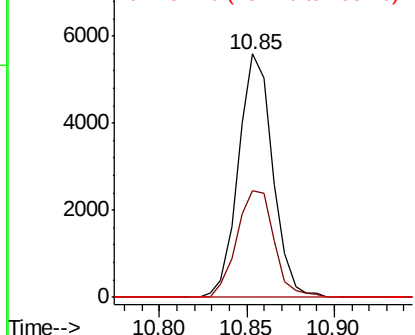
173 100

175 47.8 24.6 73.6

254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX010993.D

Acq: 19 Jul 2019 11:34

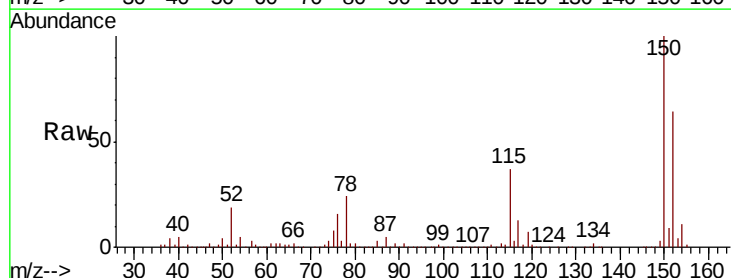
Tgt Ion:152 Resp: 160640

Ion Ratio Lower Upper

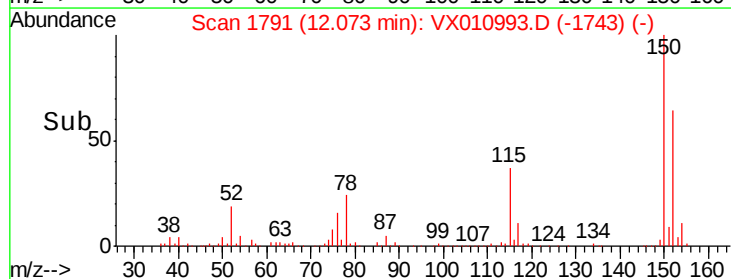
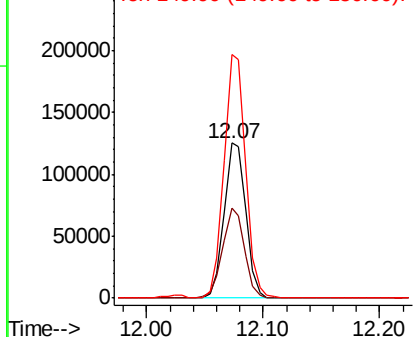
152 100

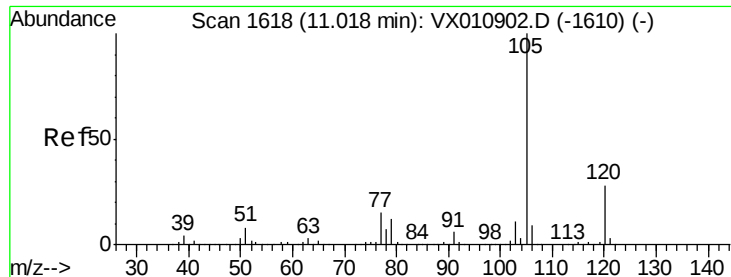
115 58.1 39.7 119.1

150 156.3 0.0 345.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 5.210 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010993.D

Acq: 19 Jul 2019 11:34

Instrument :

MSVOA_X

ClientSampleId :

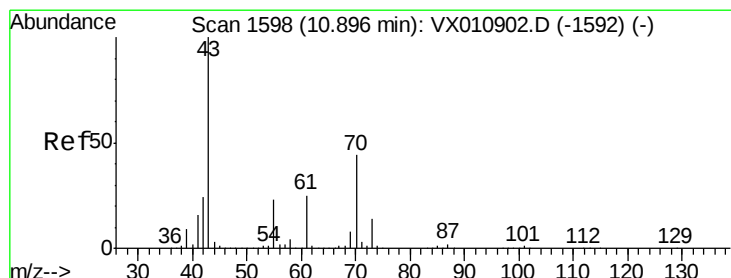
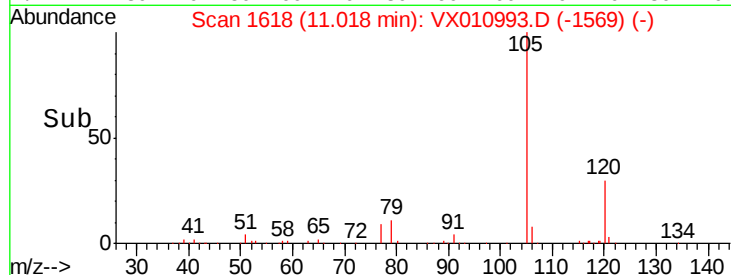
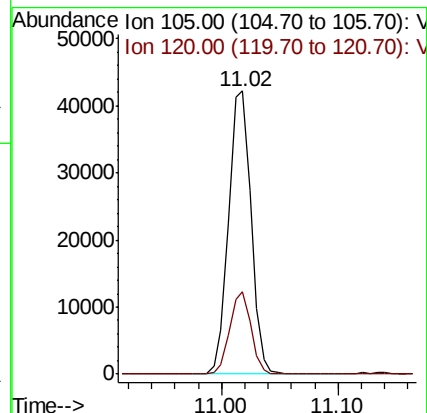
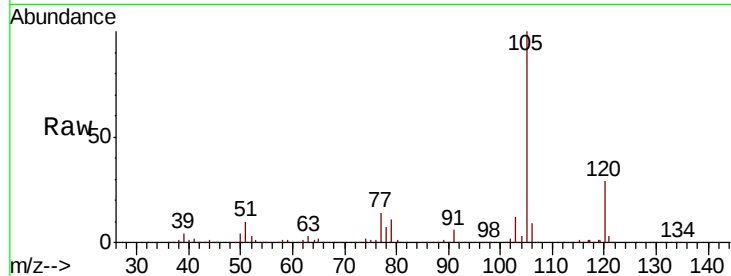
LOQ-WATER-02-QT3-2019

Tot Ion:105 Resp: 56556

Ion Ratio Lower Upper

105 100

120 27.4 13.7 41.1



#74

N-ethyl acetate

Concen: 4.647 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX010993.D

Acq: 19 Jul 2019 11:34

Tgt Ion: 43 Resp: 19273

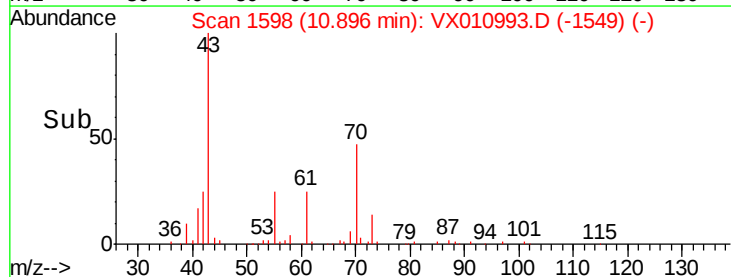
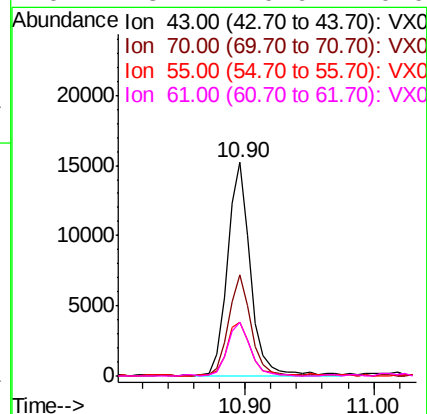
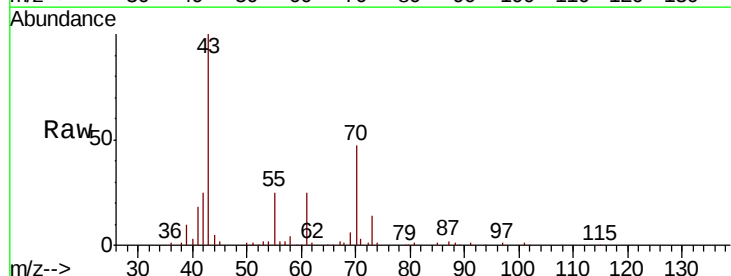
Ion Ratio Lower Upper

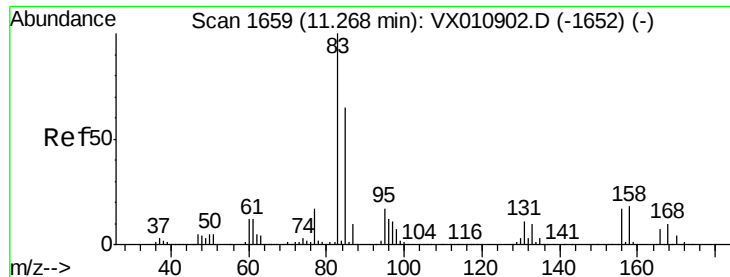
43 100

70 46.6 34.7 52.1

55 26.3 19.1 28.7

61 25.2 19.9 29.9





#75

1,1,2,2-Tetrachloroethane

Concen: 5.057 ug/l

RT: 11.26 min Scan# 1658

Delta R.T. -0.01 min

Lab File: VX010993.D

Acq: 19 Jul 2019 11:34

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT3-2019

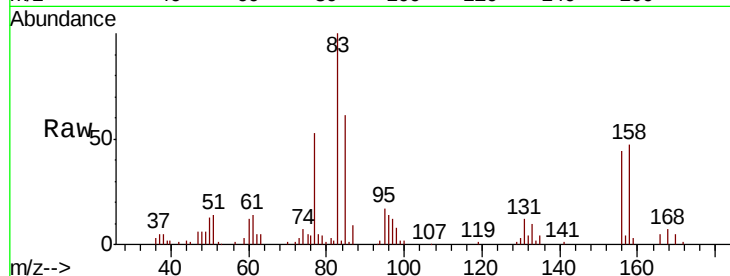
Tot Ion: 83 Resp: 17962

Ion Ratio Lower Upper

83 100

131 11.2 5.5 16.4

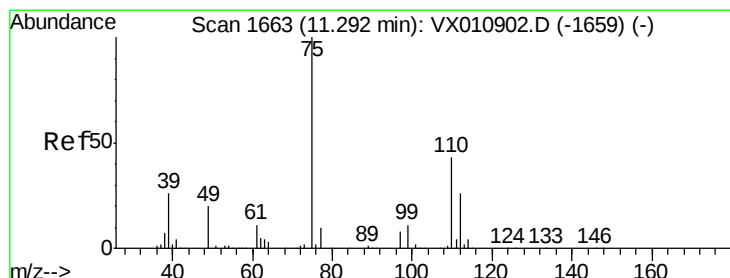
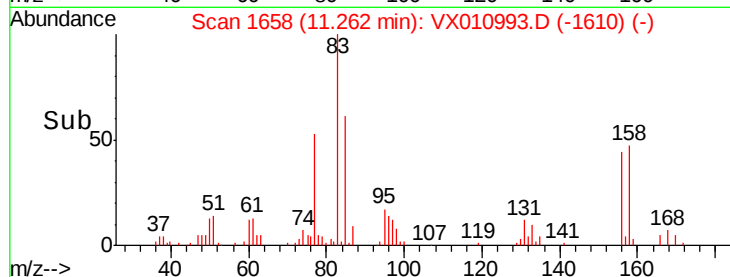
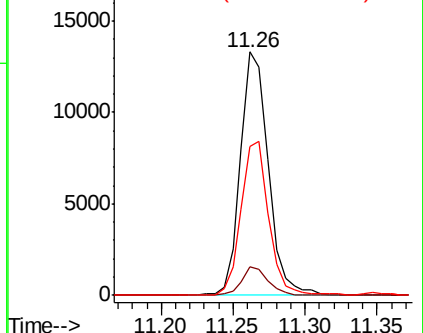
85 62.9 32.3 96.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 6.150 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX010993.D

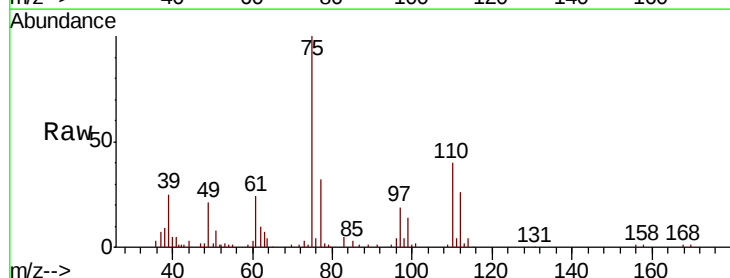
Acq: 19 Jul 2019 11:34

Tgt Ion: 75 Resp: 17829

Ion Ratio Lower Upper

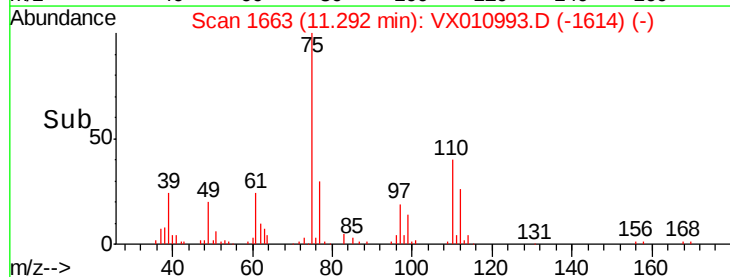
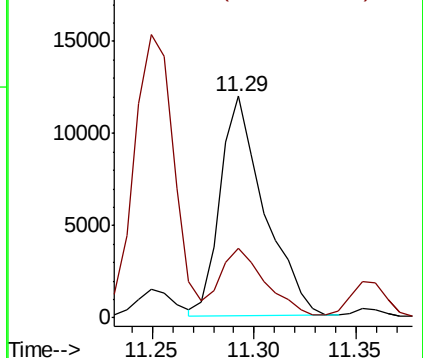
75 100

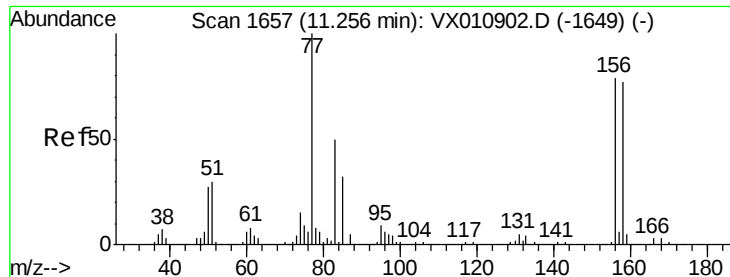
77 33.7 21.3 64.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 5.080 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX010993.D

Acq: 19 Jul 2019 11:34

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT3-2019

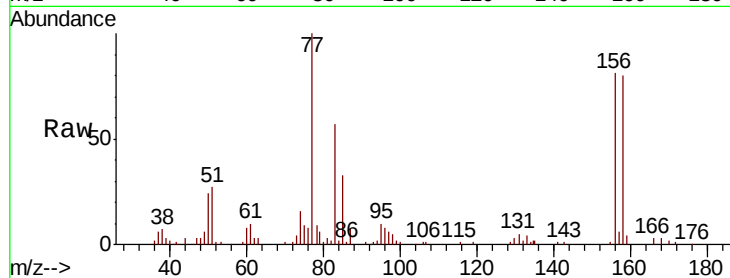
Tot Ion:156 Resp: 15210

Ion Ratio Lower Upper

156 100

77 137.3 68.7 206.1

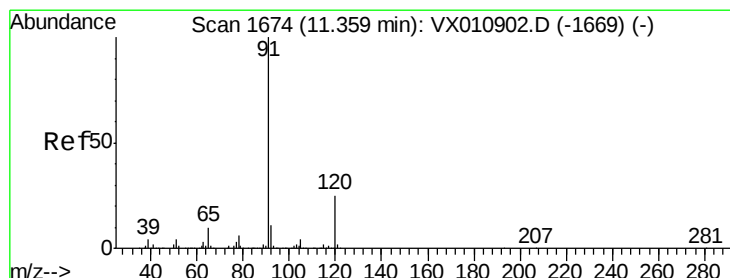
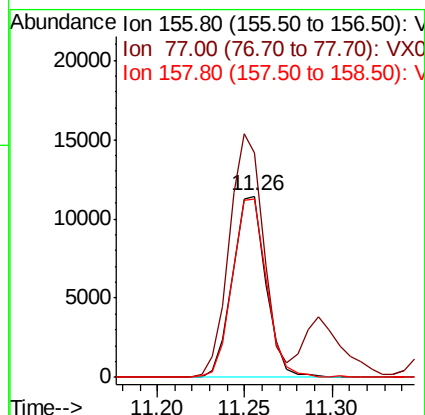
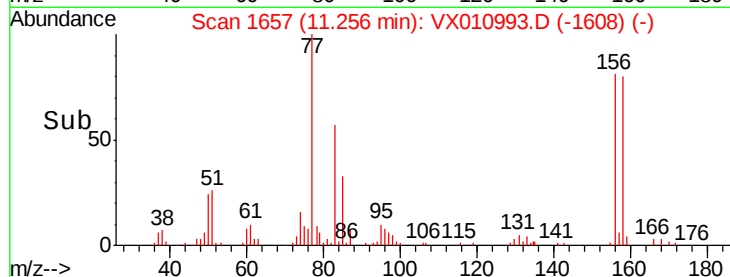
158 100.3 47.9 143.7



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 5.232 ug/l

RT: 11.35 min Scan# 1673

Delta R.T. -0.01 min

Lab File: VX010993.D

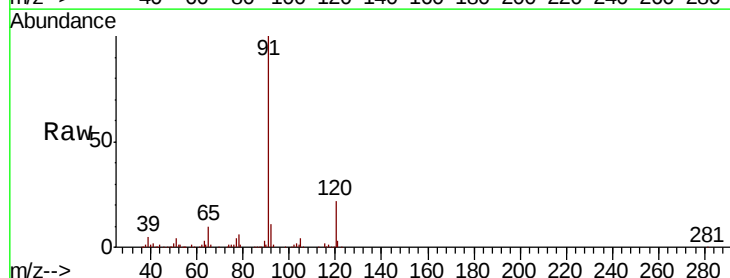
Acq: 19 Jul 2019 11:34

Tgt Ion: 91 Resp: 62750

Ion Ratio Lower Upper

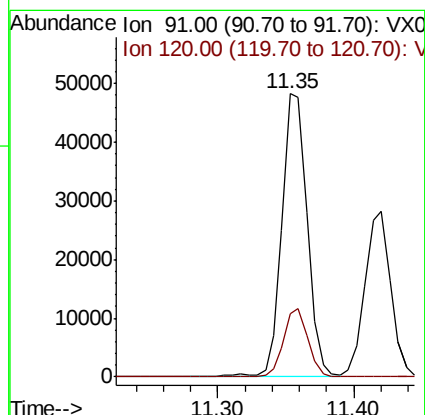
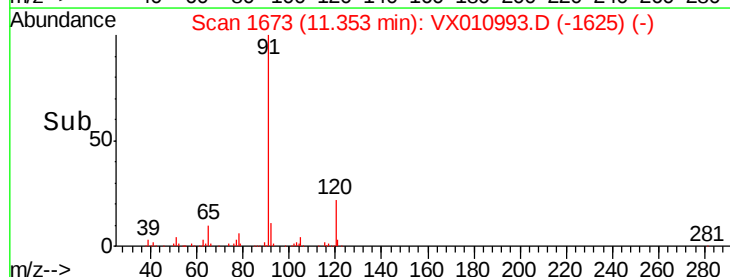
91 100

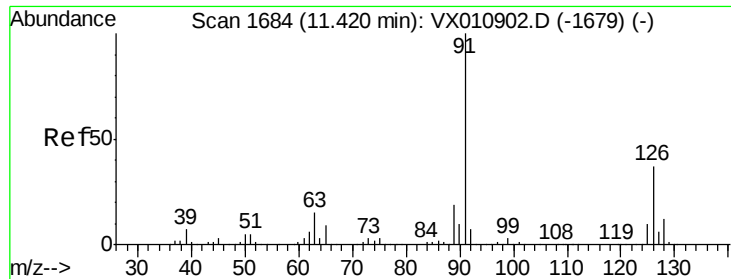
120 22.9 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

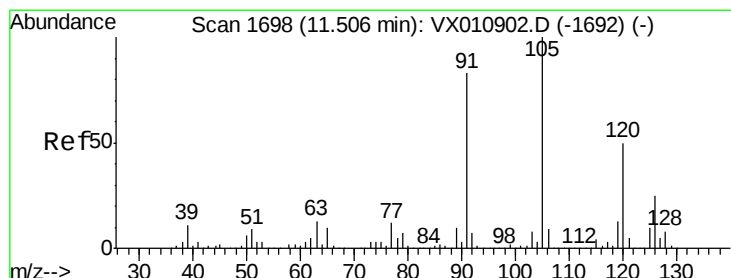
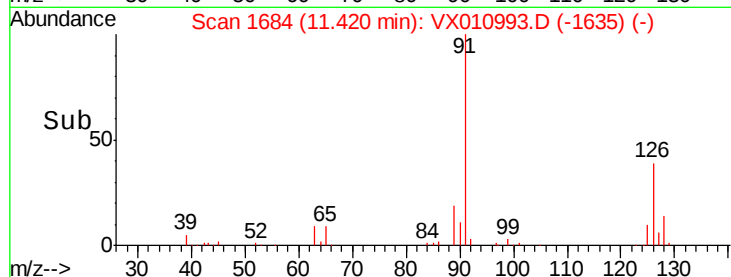
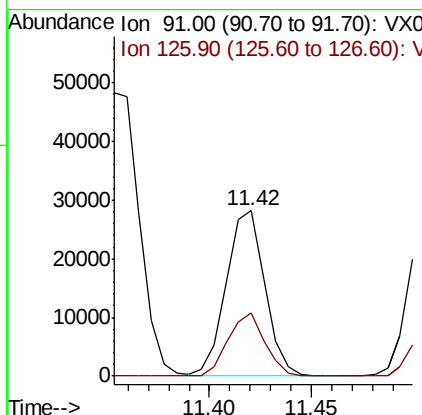
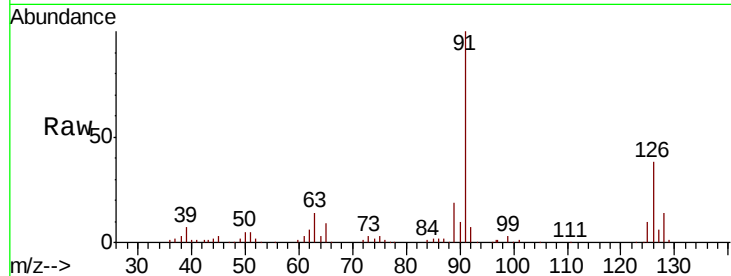




#79
 2-Chlorotoluene
 Concen: 5.128 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX010993.D
 Acq: 19 Jul 2019 11:34

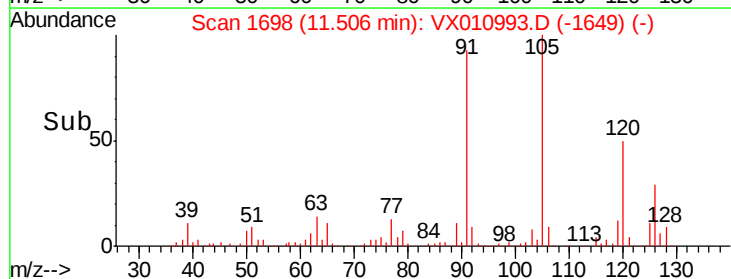
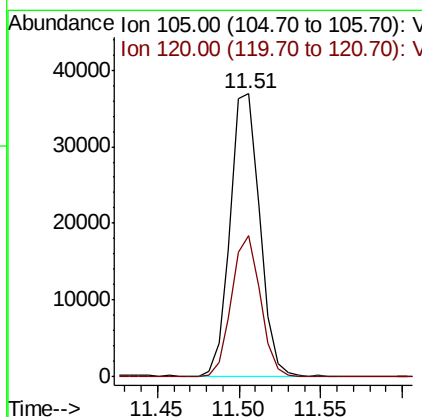
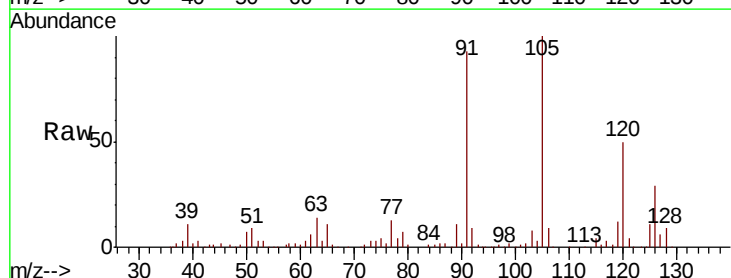
Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT3-2019

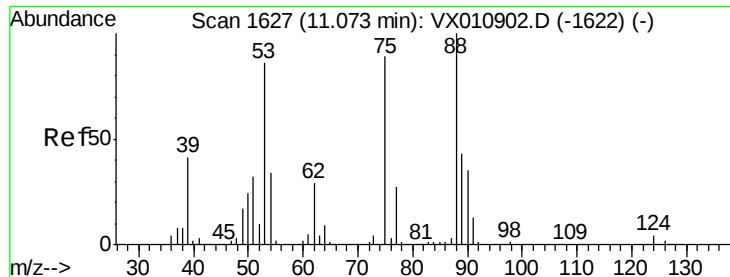
Tot Ion: 91 Resp: 36943
 Ion Ratio Lower Upper
 91 100
 126 36.3 18.0 54.0



#80
 1,3,5-Trimethylbenzene
 Concen: 5.133 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX010993.D
 Acq: 19 Jul 2019 11:34

Tgt Ion: 105 Resp: 46556
 Ion Ratio Lower Upper
 105 100
 120 49.1 24.6 73.8





#81

trans-1,4-Dichloro-2-butene

Concen: 7.105 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX010993.D

Acq: 19 Jul 2019 11:34

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT3-2019

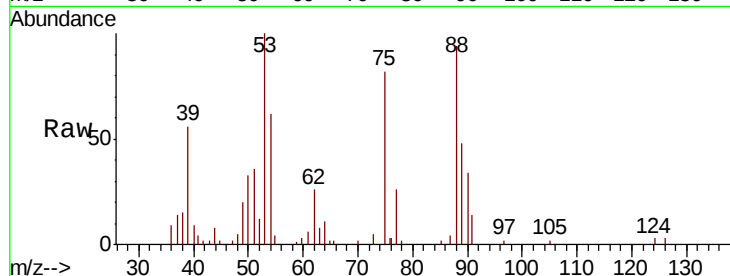
Tot Ion: 75 Resp: 3885

Ion Ratio Lower Upper

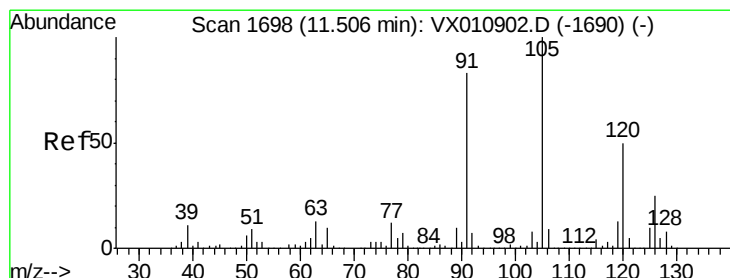
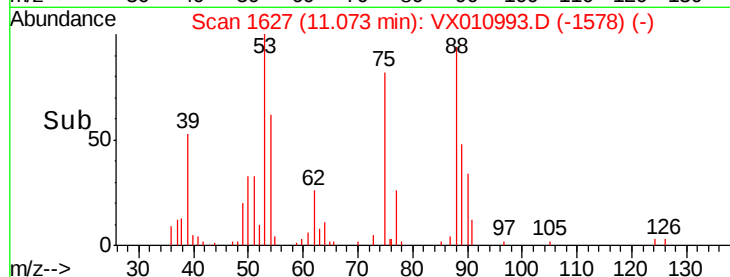
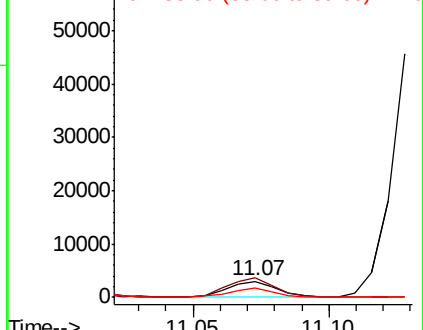
75 100

53 117.4 76.7 115.1#

89 51.1 38.5 57.7



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 5.054 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX010993.D

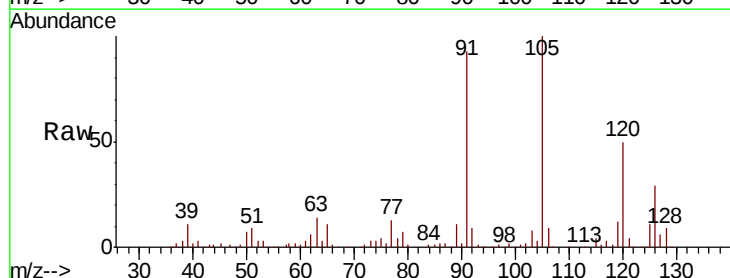
Acq: 19 Jul 2019 11:34

Tgt Ion: 91 Resp: 42378

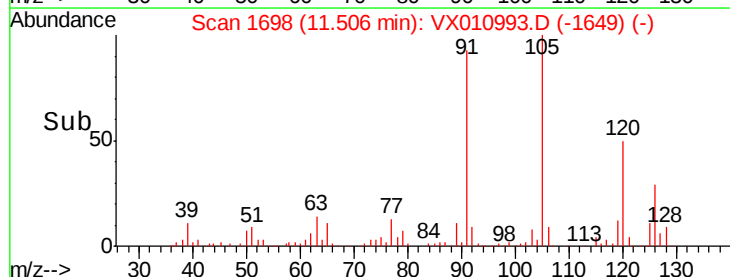
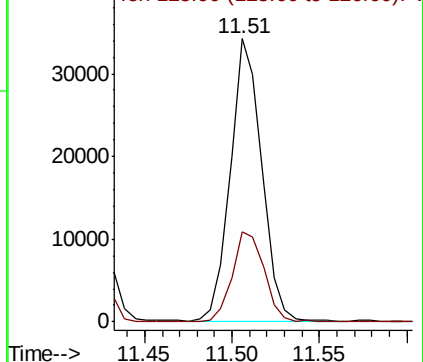
Ion Ratio Lower Upper

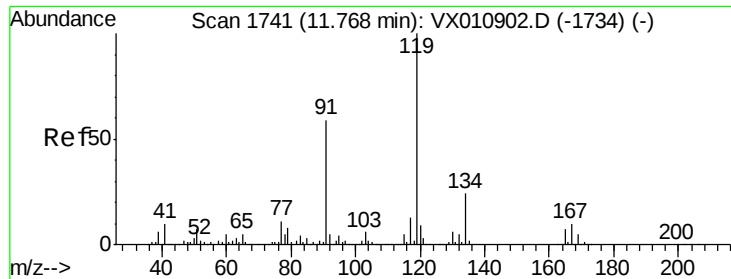
91 100

126 32.7 15.9 47.7



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 5.126 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX010993.D

Acq: 19 Jul 2019 11:34

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT3-2019

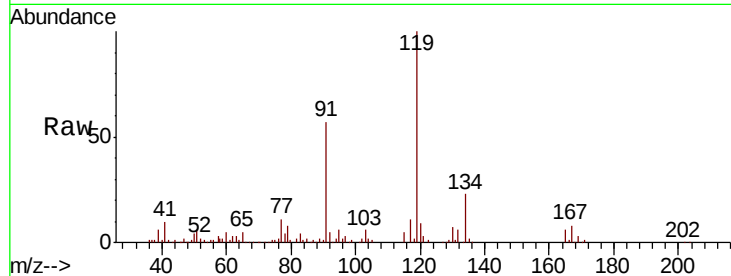
Tot Ion:119 Resp: 45670

Ion Ratio Lower Upper

119 100

91 58.2 28.6 85.8

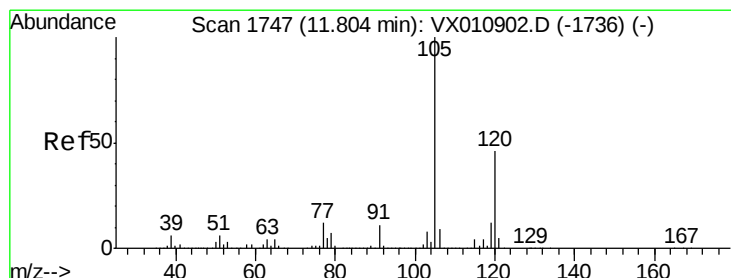
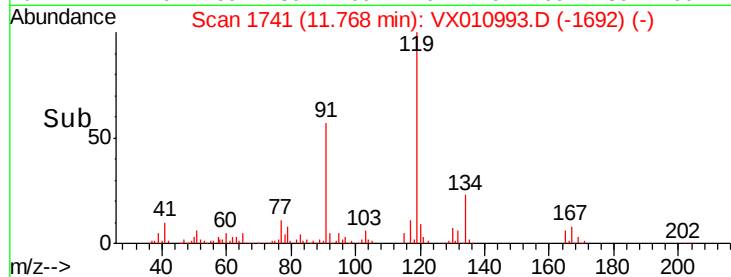
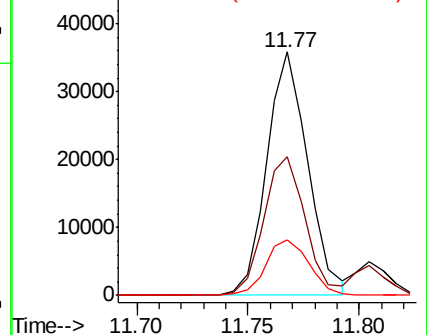
134 24.2 11.6 34.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 5.007 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX010993.D

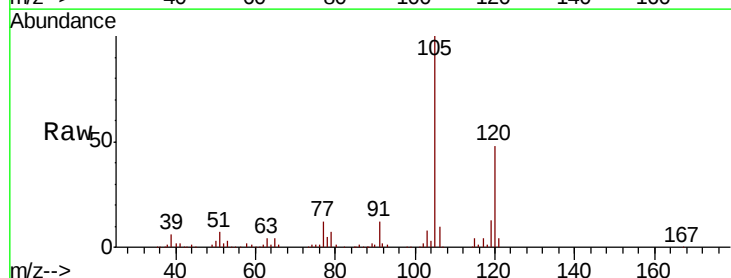
Acq: 19 Jul 2019 11:34

Tgt Ion:105 Resp: 45773

Ion Ratio Lower Upper

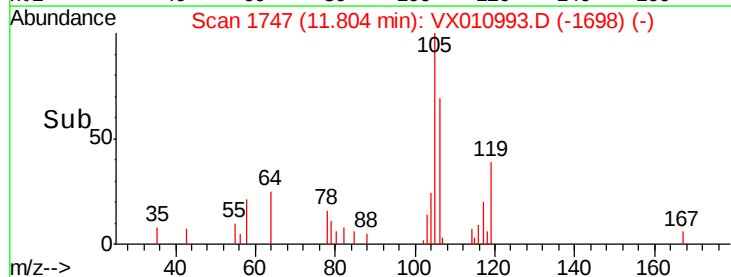
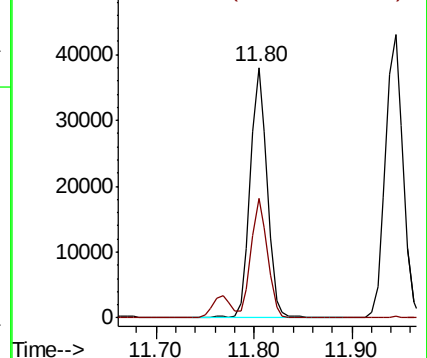
105 100

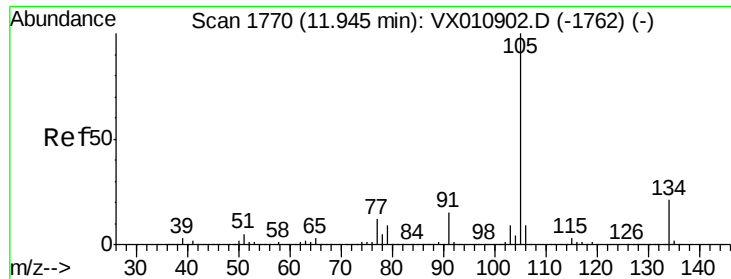
120 45.9 22.9 68.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

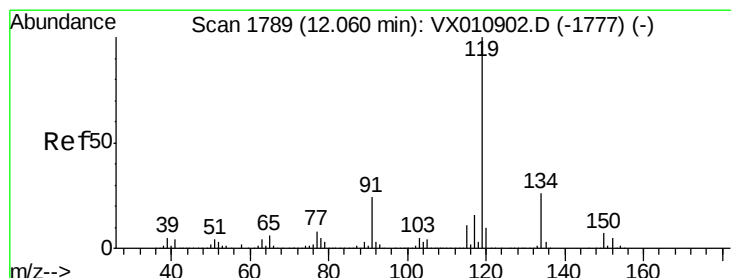
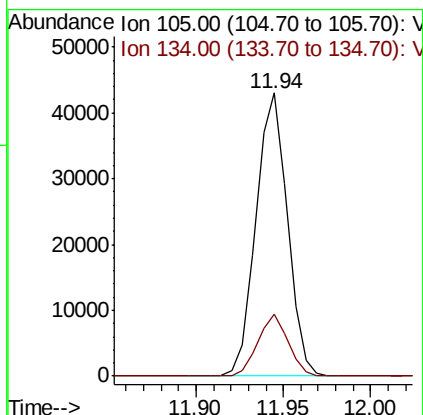
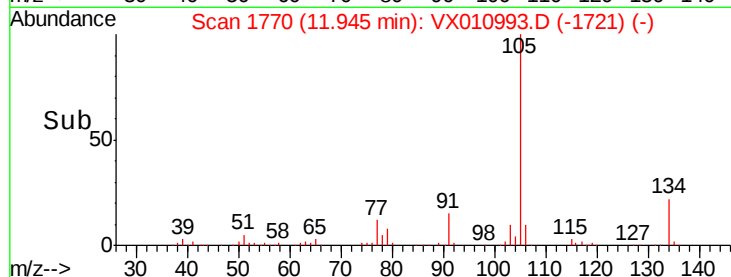
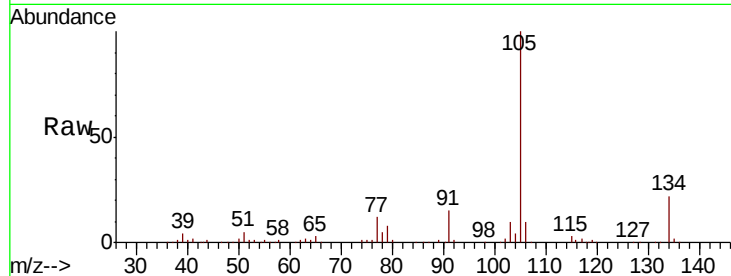




#85
 sec-Butylbenzene
 Concen: 5.141 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX010993.D
 Acq: 19 Jul 2019 11:34

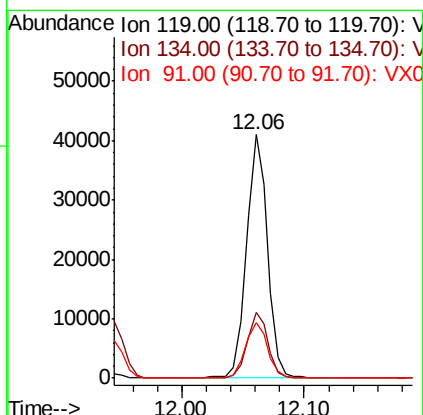
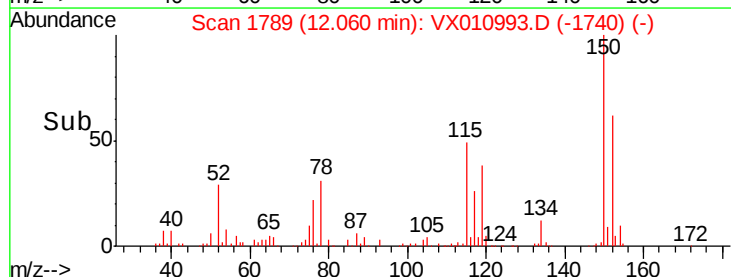
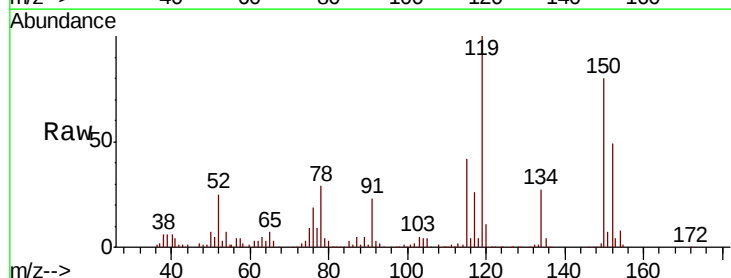
Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT3-2019

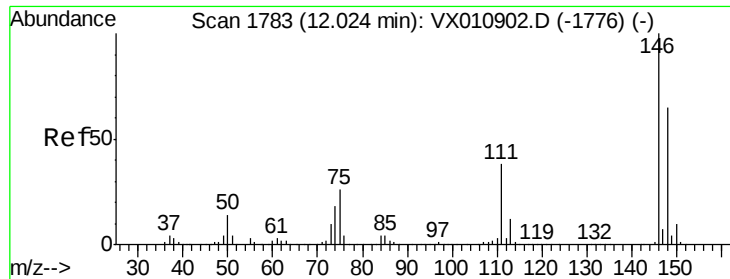
Tot Ion:105 Resp: 53663
 Ion Ratio Lower Upper
 105 100
 134 21.2 10.4 31.4



#86
 p-Isopropyltoluene
 Concen: 5.018 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX010993.D
 Acq: 19 Jul 2019 11:34

Tgt Ion:119 Resp: 48430
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.4 40.1
 91 24.2 11.8 35.4

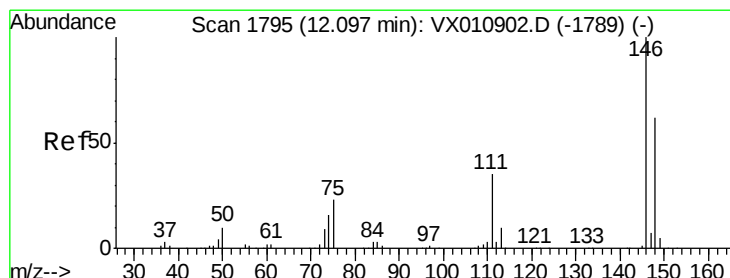
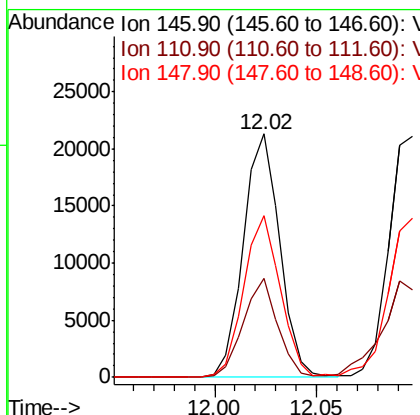
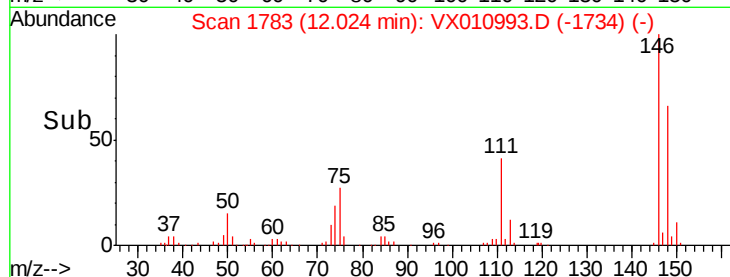
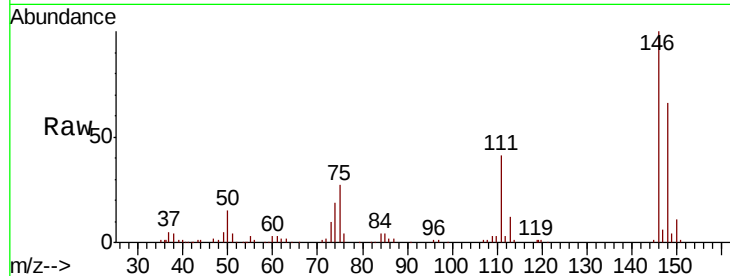




#87
 1,3-Dichlorobenzene
 Concen: 5.087 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX010993.D
 Acq: 19 Jul 2019 11:34

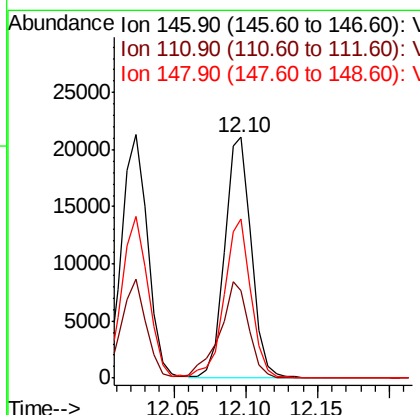
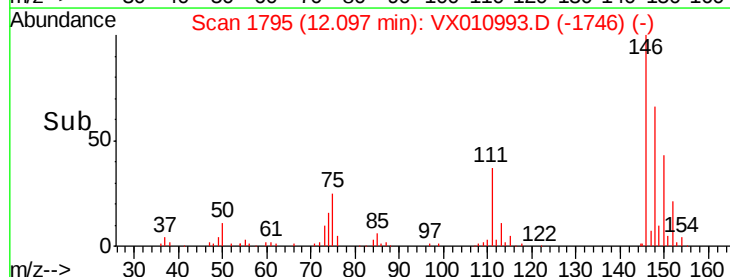
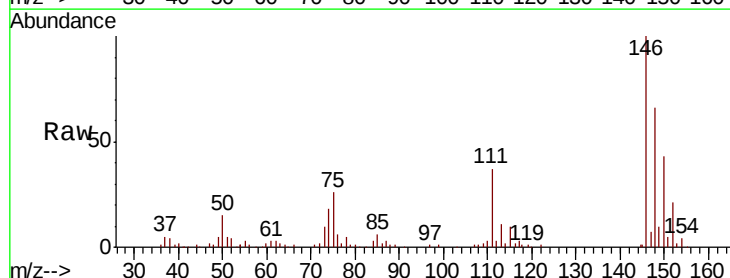
Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT3-2019

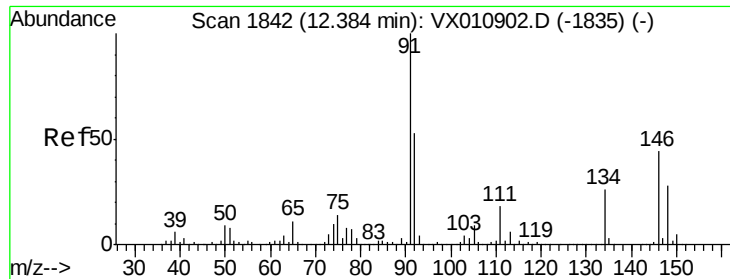
Tot Ion:146 Resp: 26432
 Ion Ratio Lower Upper
 146 100
 111 38.8 18.9 56.9
 148 66.9 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 5.169 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX010993.D
 Acq: 19 Jul 2019 11:34

Tgt Ion:146 Resp: 27547
 Ion Ratio Lower Upper
 146 100
 111 43.9 18.6 55.8
 148 66.5 31.6 94.7

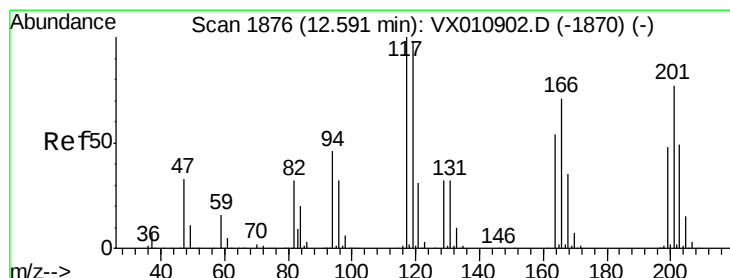
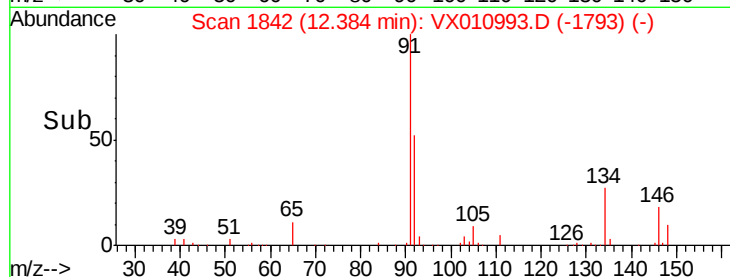
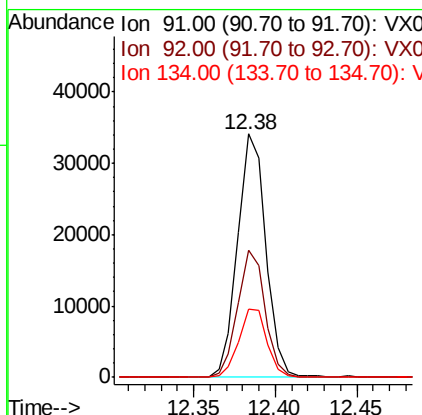
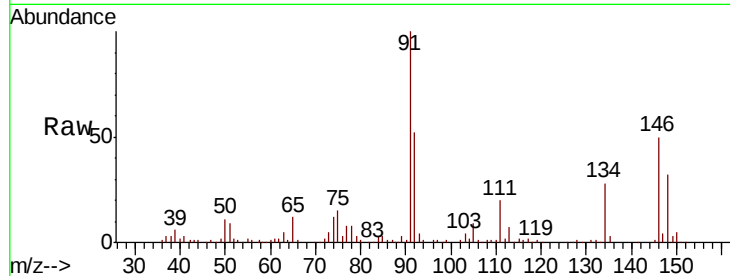




#89
n-Butylbenzene
Concen: 5.025 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX010993.D
Acq: 19 Jul 2019 11:34

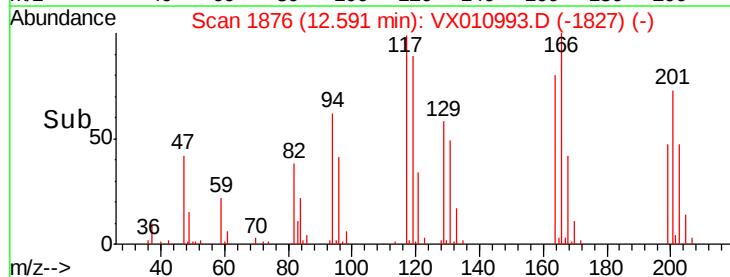
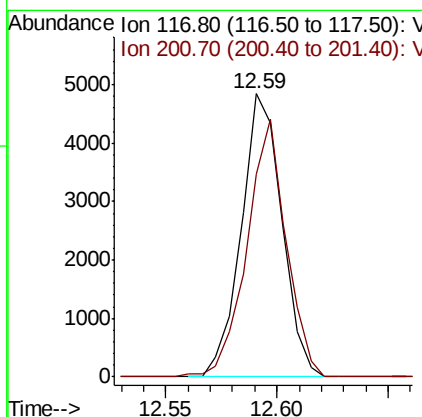
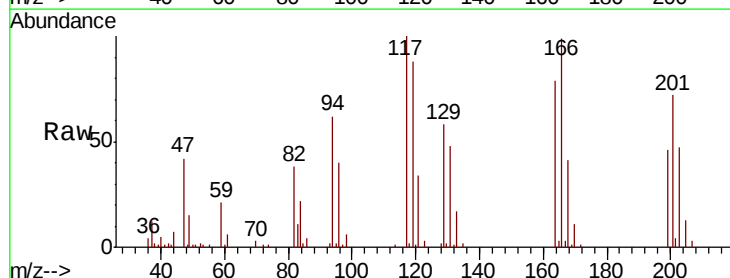
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2019

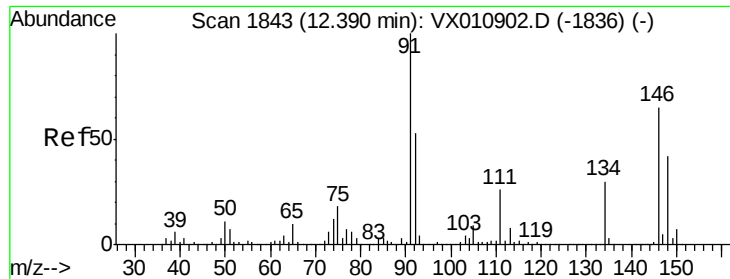
Tot Ion: 91 Resp: 41485
Ion Ratio Lower Upper
91 100
92 50.7 26.2 78.5
134 28.1 13.8 41.3



#90
Hexachloroethane
Concen: 4.047 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. 0.00 min
Lab File: VX010993.D
Acq: 19 Jul 2019 11:34

Tgt Ion: 117 Resp: 6160
Ion Ratio Lower Upper
117 100
201 87.9 43.3 129.8

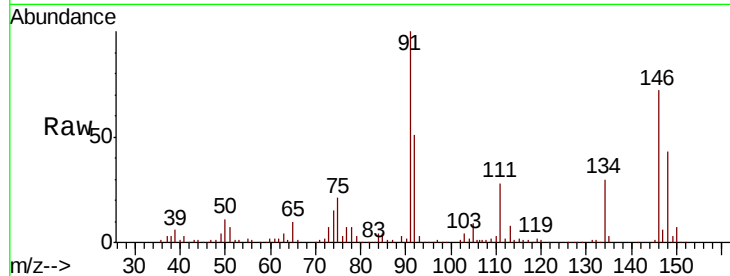




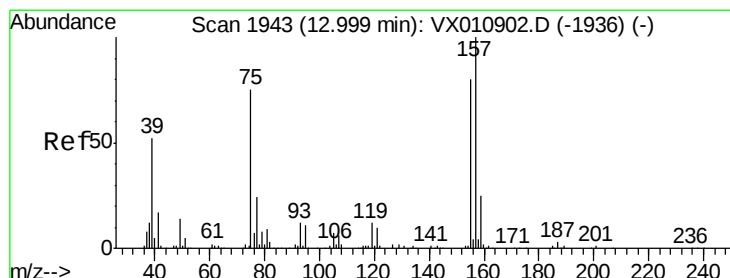
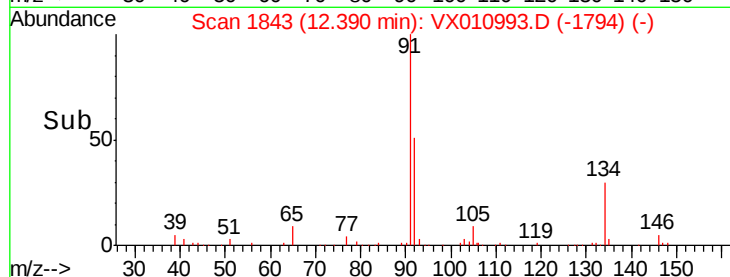
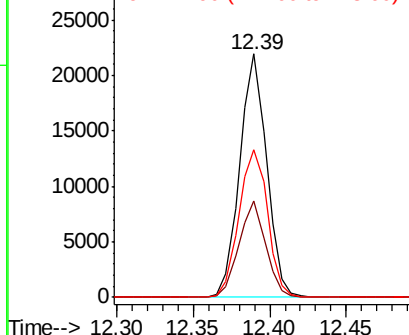
#91
 1,2-Dichlorobenzene
 Concen: 5.224 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX010993.D
 Acq: 19 Jul 2019 11:34

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT3-2019

Tot Ion:146 Resp: 26899
 Ion Ratio Lower Upper
 146 100
 111 39.2 19.9 59.7
 148 64.2 32.0 96.2

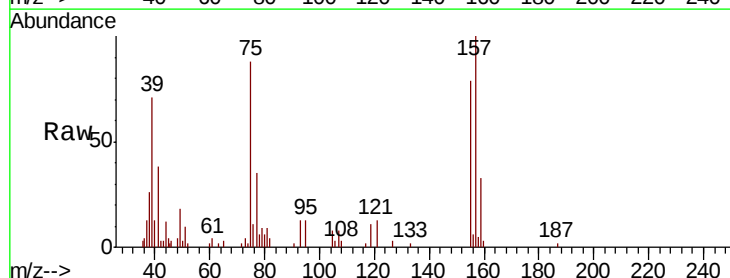


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

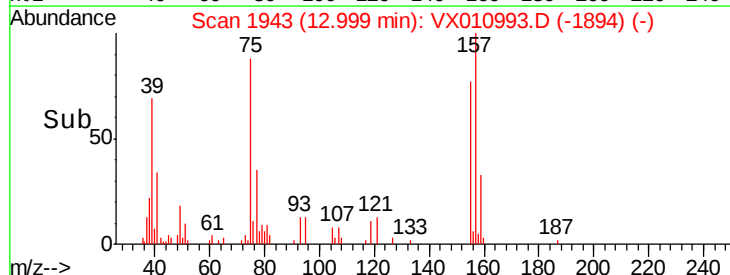
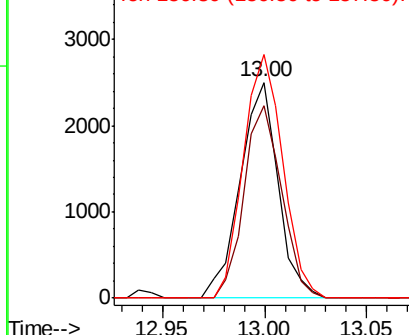


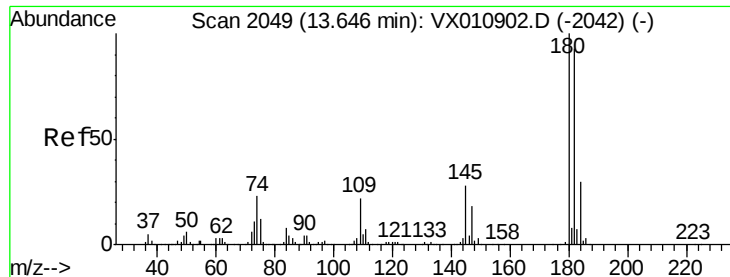
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 4.360 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX010993.D
 Acq: 19 Jul 2019 11:34

Tgt Ion: 75 Resp: 3237
 Ion Ratio Lower Upper
 75 100
 155 88.2 48.7 146.1
 157 117.1 62.5 187.6



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

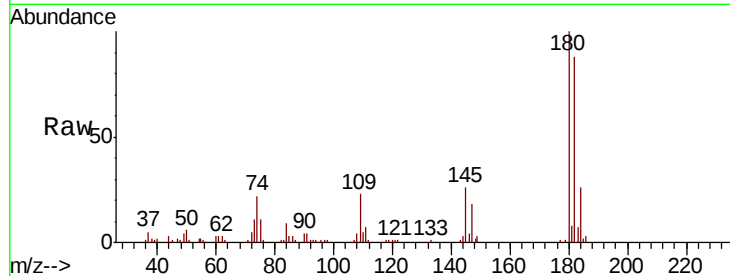




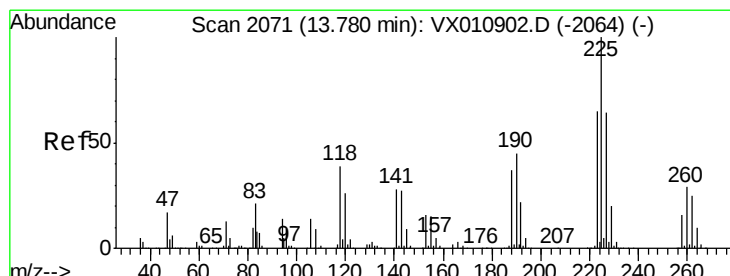
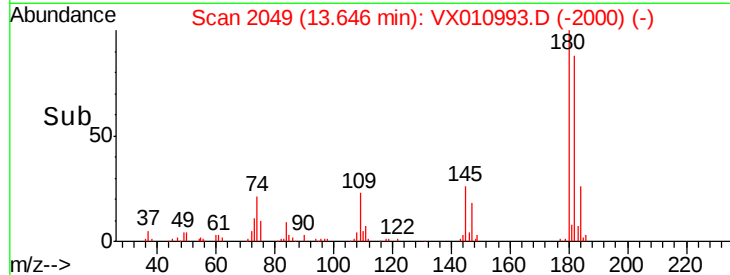
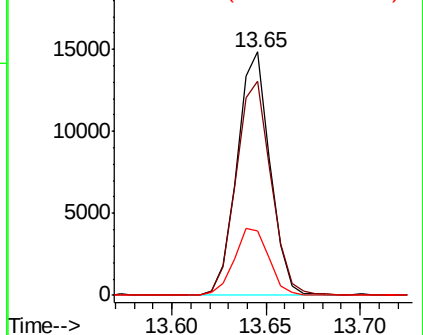
#93
 1,2,4-Trichlorobenzene
 Concen: 5.161 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX010993.D
 Acq: 19 Jul 2019 11:34

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT3-2019

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.2	47.1	141.3
145	28.6	14.8	44.4

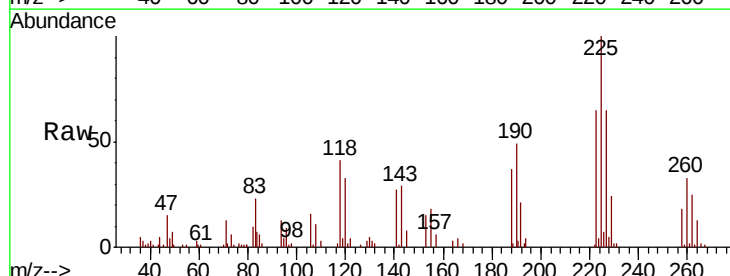


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

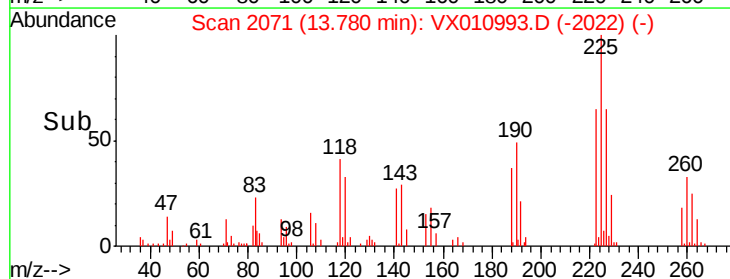
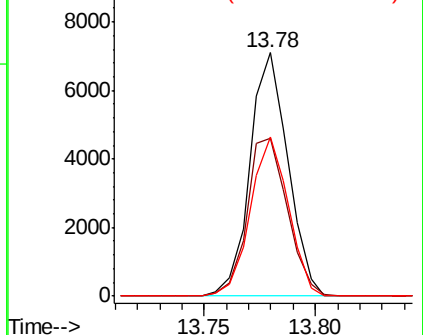


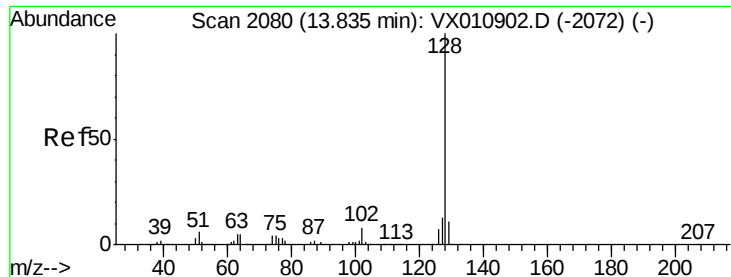
#94
 Hexachlorobutadiene
 Concen: 4.886 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX010993.D
 Acq: 19 Jul 2019 11:34

Tgt Ion	Ratio	Lower	Upper
225	100		
223	68.9	31.9	95.9
227	65.2	32.5	97.4



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 4.662 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX010993.D

Acq: 19 Jul 2019 11:34

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT3-2019

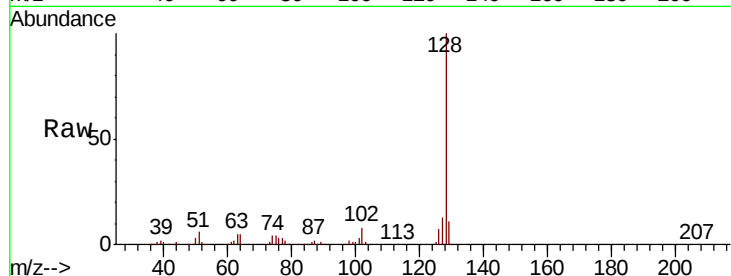
Tot Ion:128 Resp: 48043

Ion Ratio Lower Upper

128 100

127 13.6 10.4 15.6

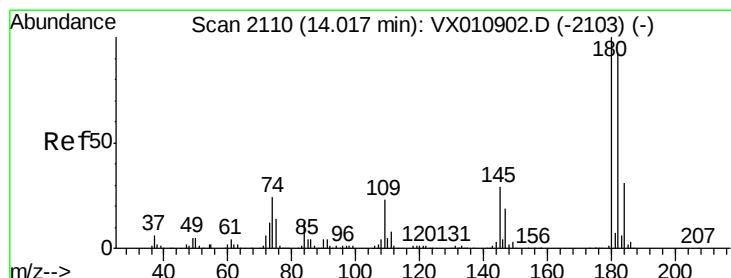
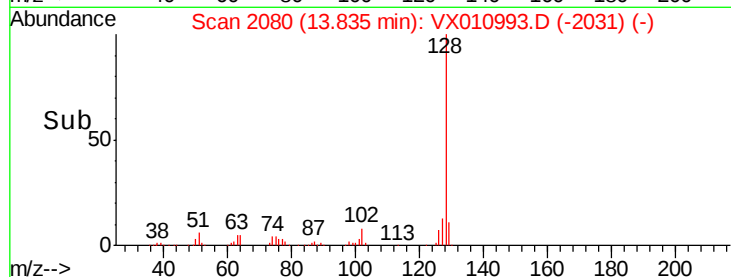
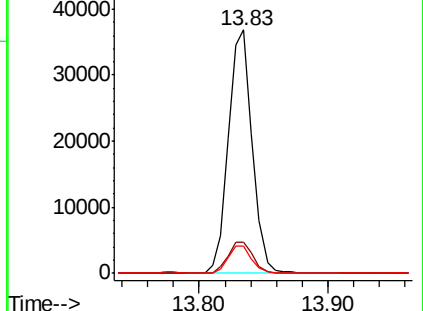
129 11.4 8.9 13.3



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



#96

1,2,3-Trichlorobenzene

Concen: 5.126 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX010993.D

Acq: 19 Jul 2019 11:34

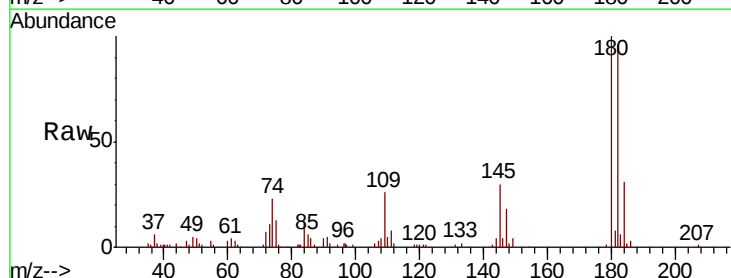
Tgt Ion:180 Resp: 17800

Ion Ratio Lower Upper

180 100

182 94.8 47.4 142.3

145 29.8 15.1 45.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

