

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX030619\
 Data File : VX007862.D
 Acq On : 06 Mar 2019 16:14
 Operator : JC/SP
 Sample : K1560-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Mar 07 07:49:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 07 07:33:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	275969	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	393358	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	347595	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	172661	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	140398	48.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.46%	
35) Dibromofluoromethane	5.50	113	121523	48.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.60%	
50) Toluene-d8	8.71	98	466832	50.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.04%	
62) 4-Bromofluorobenzene	11.13	95	162645	50.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	4876	2.068	ug/l	97
3) Chloromethane	1.33	50	6538	2.152	ug/l	99
4) Vinyl Chloride	1.41	62	6147	2.036	ug/l	97
5) Bromomethane	1.64	94	3426	1.320	ug/l	97
6) Chloroethane	1.71	64	4710	2.348	ug/l	95
7) Trichlorofluoromethane	1.92	101	7705	1.960	ug/l	92
8) Diethyl Ether	2.19	74	3342	1.963	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.38	101	5114	2.099	ug/l	98
10) Methyl Iodide	2.51	142	34024	9.846	ug/l	100
11) Tert butyl alcohol	3.09	59	31549	48.459	ug/l	98
12) 1,1-Dichloroethene	2.37	96	4792	2.041	ug/l	92
13) Acrolein	2.30	56	26500	73.025	ug/l	98
14) Allyl chloride	2.73	41	9315	1.888	ug/l	97
15) Acrylonitrile	3.15	53	16400	9.980	ug/l	99
16) Acetone	2.45	43	18297	10.859	ug/l	99
17) Carbon Disulfide	2.56	76	15417	1.728	ug/l	100
18) Methyl Acetate	2.78	43	7464	2.085	ug/l	95
19) Methyl tert-butyl Ether	3.20	73	16212	2.007	ug/l	95
20) Methylene Chloride	2.85	84	5702	2.126	ug/l	94
21) trans-1,2-Dichloroethene	3.16	96	5359	2.074	ug/l	91
22) Diisopropyl ether	3.87	45	18436	2.038	ug/l	96
23) Vinyl Acetate	3.82	43	77843	9.815	ug/l	99
24) 1,1-Dichloroethane	3.70	63	9820	2.018	ug/l	98
25) 2-Butanone	4.70	43	23721	9.944	ug/l	95
26) 2,2-Dichloropropane	4.58	77	6060	1.879	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	5957	2.015	ug/l	91
28) Bromochloromethane	5.02	49	4853	2.139	ug/l #	99
29) Tetrahydrofuran	5.15	42	14428	9.696	ug/l	98
30) Chloroform	5.21	83	9182	1.994	ug/l	94
31) Cyclohexane	5.57	56	8936	1.998	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	7153	1.873	ug/l	96
36) 1,1-Dichloropropene	5.79	75	7517	2.110	ug/l	99
37) Ethyl Acetate	4.85	43	8581	2.030	ug/l	99
38) Carbon Tetrachloride	5.77	117	6413	1.897	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	8952	2.074	ug/l	96
40) Benzene	6.14	78	21878	2.063	ug/l	100
41) Methacrylonitrile	5.06	41	4693	2.037	ug/l	95
42) 1,2-Dichloroethane	6.20	62	7306	2.107	ug/l	99
43) Isopropyl Acetate	6.46	43	11992	1.917	ug/l	100
44) Trichloroethene	7.21	130	5856	2.004	ug/l	98
45) 1,2-Dichloropropane	7.51	63	5817	2.077	ug/l	89
46) Dibromomethane	7.66	93	3497	1.973	ug/l	97
47) Bromodichloromethane	7.90	83	6591	1.961	ug/l	98
48) Methyl methacrylate	7.77	41	6110	1.858	ug/l	97
49) 1,4-Dioxane	7.76	88	2590	38.336	ug/l	94
51) 4-Methyl-2-Pentanone	8.65	43	38080	9.466	ug/l	100
52) Toluene	8.78	92	13496	2.085	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	5798	1.653	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	6575	1.660	ug/l	91
55) 1,1,2-Trichloroethane	9.21	97	5260	2.007	ug/l	98
56) Ethyl methacrylate	9.18	69	7668	1.949	ug/l	97
57) 1,3-Dichloropropane	9.37	76	8995	2.044	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	21478	10.552	ug/l	99
59) 2-Hexanone	9.49	43	30167	9.659	ug/l	97
60) Dibromochloromethane	9.58	129	4815	1.758	ug/l	99
61) 1,2-Dibromoethane	9.67	107	5447	1.958	ug/l	99
64) Tetrachloroethene	9.33	164	6039	2.097	ug/l	90
65) Chlorobenzene	10.13	112	15029	2.066	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	4623	1.773	ug/l #	63
67) Ethyl Benzene	10.25	91	24500	2.046	ug/l	99
68) m/p-Xylenes	10.36	106	17982	3.896	ug/l	95
69) o-Xylene	10.70	106	8705	1.954	ug/l	97
70) Styrene	10.71	104	13542	1.857	ug/l	98
71) Bromoform	10.86	173	3667	1.638	ug/l #	99
73) Isopropylbenzene	11.02	105	23393	2.003	ug/l	100
74) N-amyl acetate	10.90	43	9547	1.791	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.27	83	8144	2.022	ug/l	96
76) 1,2,3-Trichloropropane	11.30	75	8350	2.305	ug/l	88
77) Bromobenzene	11.26	156	6477	2.023	ug/l	97
78) n-propylbenzene	11.36	91	25835	1.994	ug/l	100
79) 2-Chlorotoluene	11.42	91	16067	2.028	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	19192	1.997	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.13	75	74353	65.597	ug/l #	11
82) 4-Chlorotoluene	11.51	91	18335	2.020	ug/l	99
83) tert-Butylbenzene	11.77	119	18710	1.933	ug/l	96
84) 1,2,4-Trimethylbenzene	11.80	105	19546	1.984	ug/l	97
85) sec-Butylbenzene	11.94	105	22589	1.981	ug/l	100
86) p-Isopropyltoluene	12.06	119	19999	1.959	ug/l	97
87) 1,3-Dichlorobenzene	12.02	146	11598	2.048	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	12238	2.110	ug/l	90
89) n-Butylbenzene	12.39	91	16276	1.881	ug/l	98
90) Hexachloroethane	12.60	117	3089	1.809	ug/l	93
91) 1,2-Dichlorobenzene	12.39	146	11658	2.072	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	1559	1.852	ug/l	89

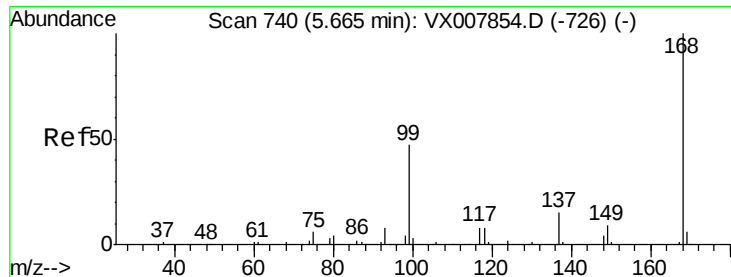
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	7481	1.893	ug/l	96
94) Hexachlorobutadiene	13.78	225	4360	2.110	ug/l	98
95) Naphthalene	13.83	128	19632	1.724	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	7498	1.904	ug/l	99

(#) = 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. -0.01 min

Lab File: VX007862.D

Acq: 06 Mar 2019 16:14

Instrument :

MSVOA_X

ClientSampleId :

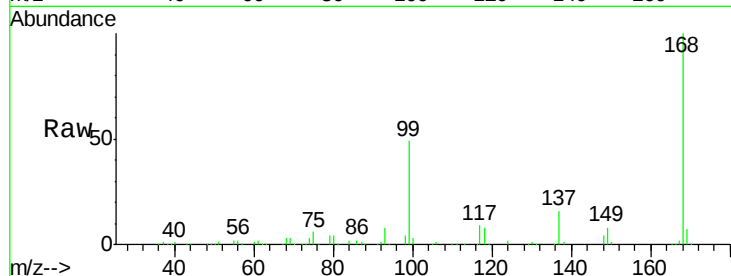
LOQ-WATER-02-QT1-2019

Tgt Ion:168 Resp: 275969

Ion Ratio Lower Upper

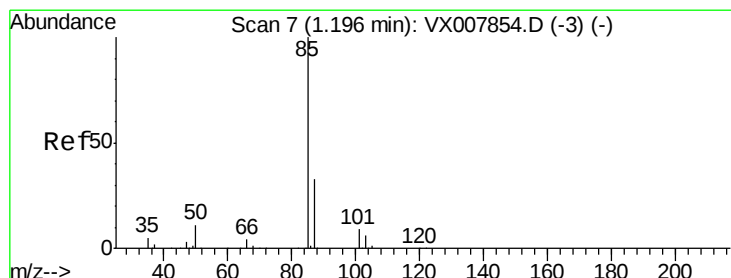
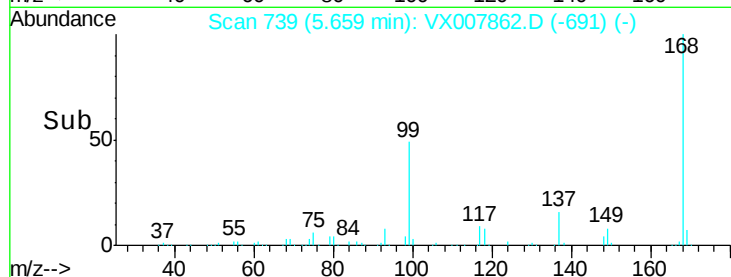
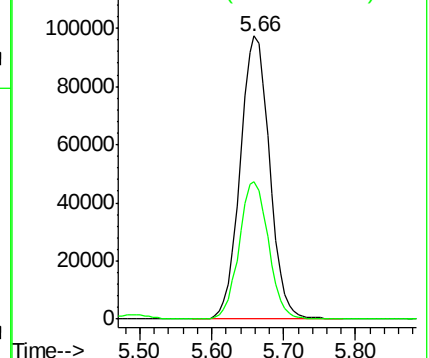
168 100

99 48.7 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: 2.068 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX007862.D

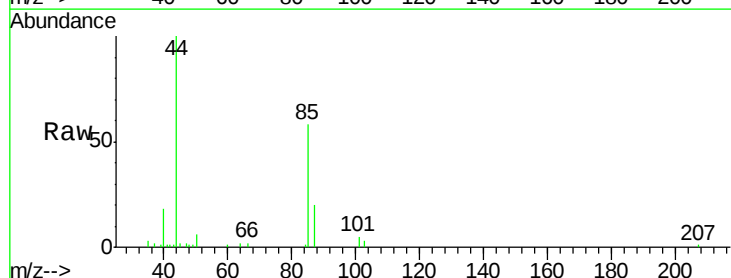
Acq: 06 Mar 2019 16:14

Tgt Ion: 85 Resp: 4876

Ion Ratio Lower Upper

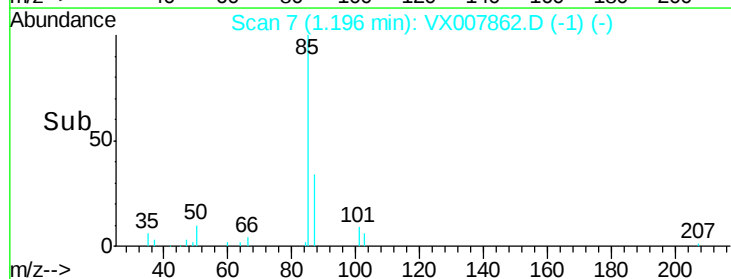
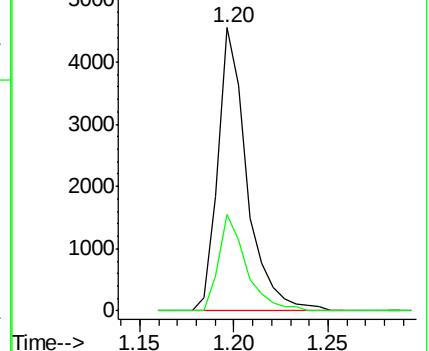
85 100

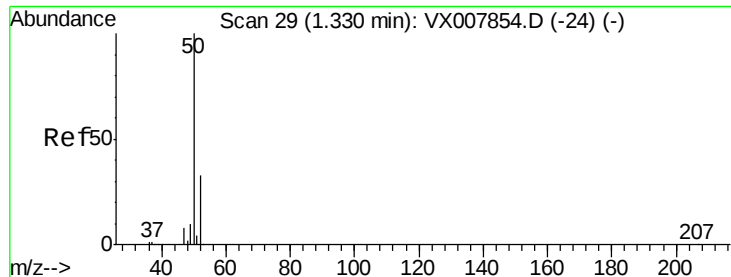
87 34.3 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 2.152 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX007862.D

Acq: 06 Mar 2019 16:14

Instrument :

MSVOA_X

ClientSampleId :

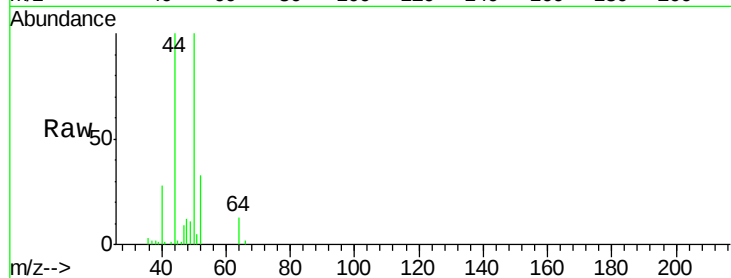
LOQ-WATER-02-QT1-2019

Tgt Ion: 50 Resp: 6538

Ion Ratio Lower Upper

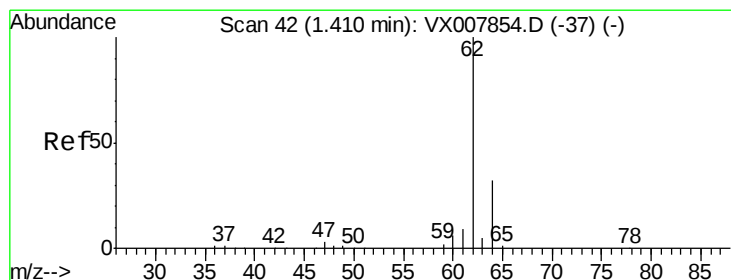
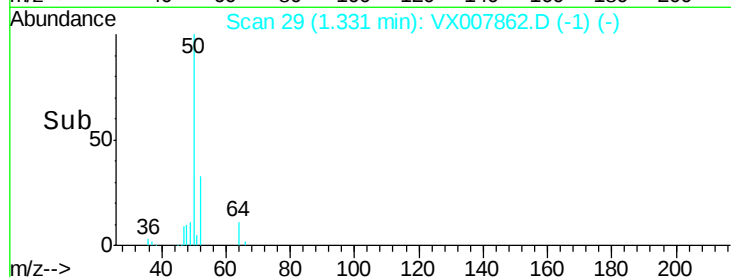
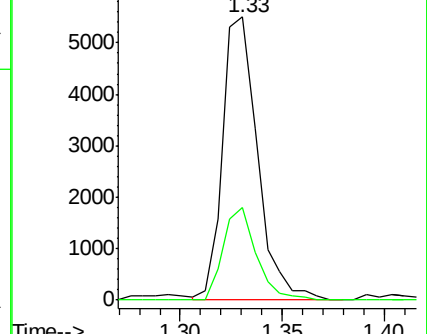
50 100

52 32.7 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 2.036 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX007862.D

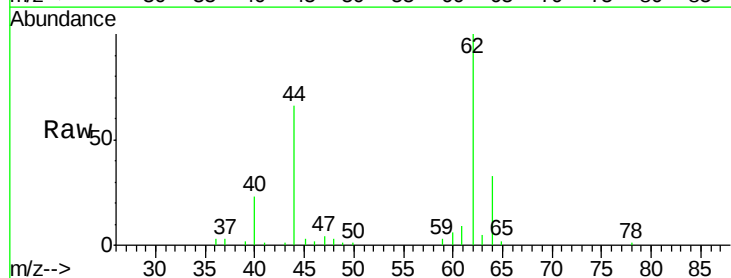
Acq: 06 Mar 2019 16:14

Tgt Ion: 62 Resp: 6147

Ion Ratio Lower Upper

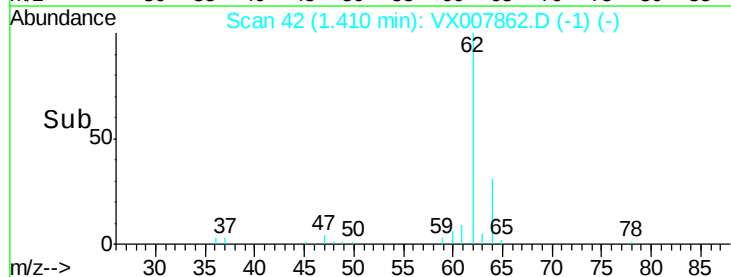
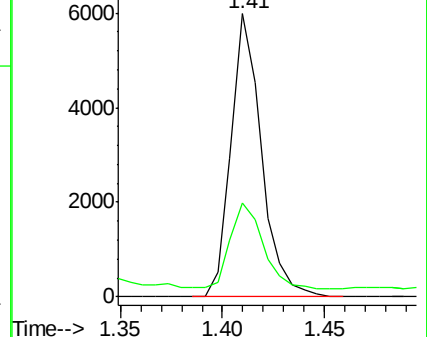
62 100

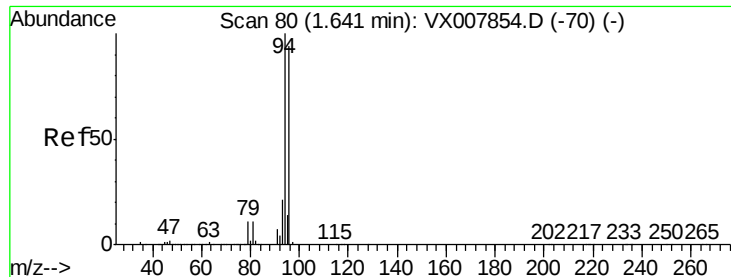
64 29.9 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 1.320 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX007862.D

Acq: 06 Mar 2019 16:14

Instrument :

MSVOA_X

ClientSampleId :

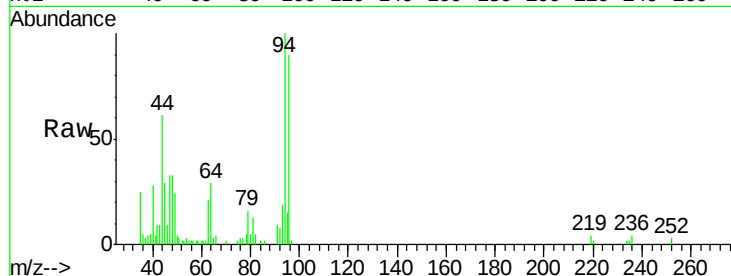
LOQ-WATER-02-QT1-2019

Tgt Ion: 94 Resp: 3426

Ion Ratio Lower Upper

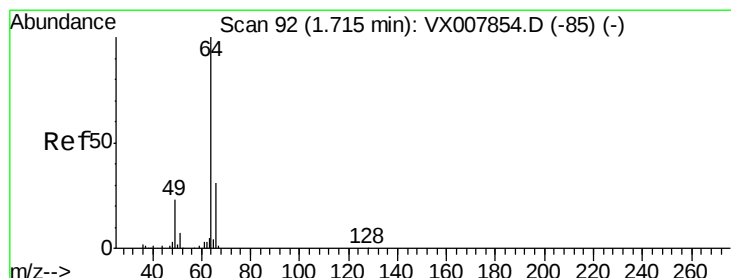
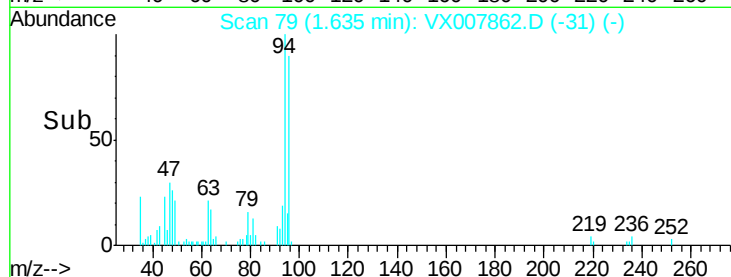
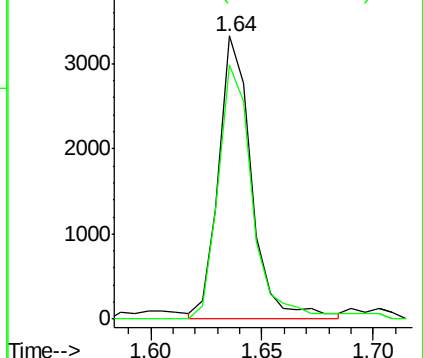
94 100

96 91.2 75.5 113.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 2.348 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX007862.D

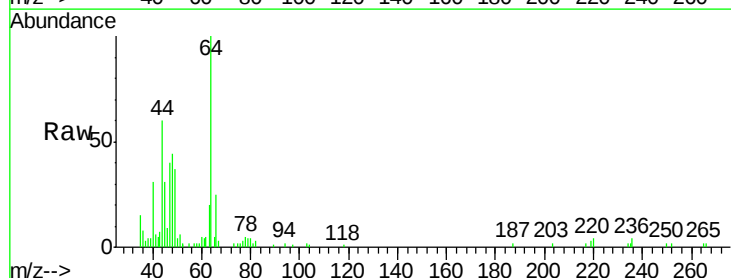
Acq: 06 Mar 2019 16:14

Tgt Ion: 64 Resp: 4710

Ion Ratio Lower Upper

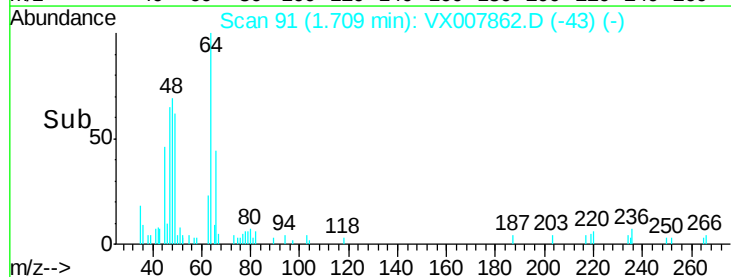
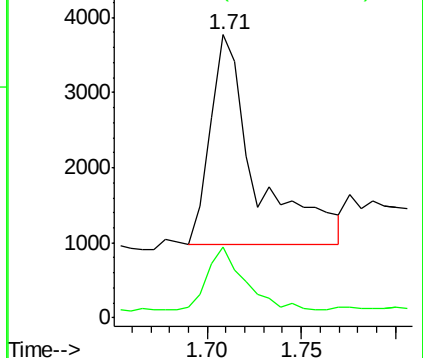
64 100

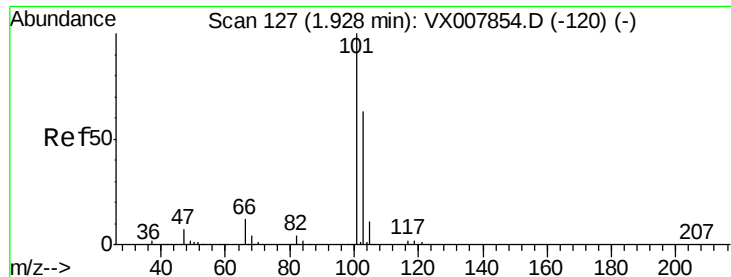
66 28.6 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



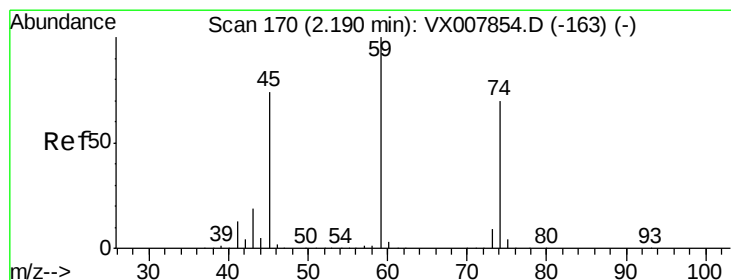
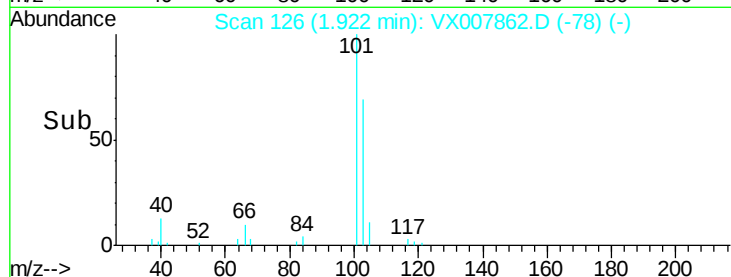
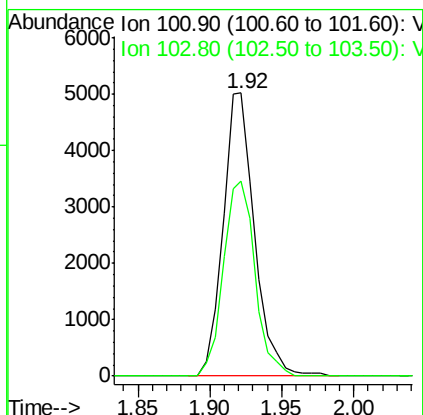
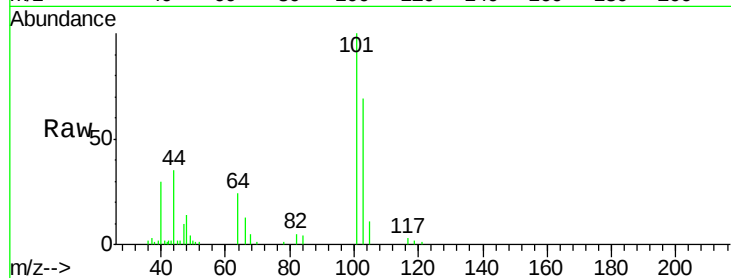


#7

Trichlorofluoromethane
Concen: 1.960 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.01 min
Lab File: VX007862.D
Acq: 06 Mar 2019 16:14

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

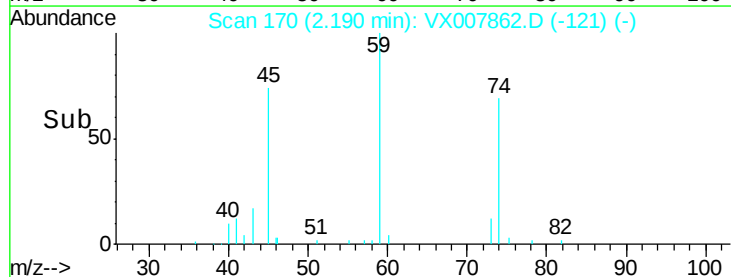
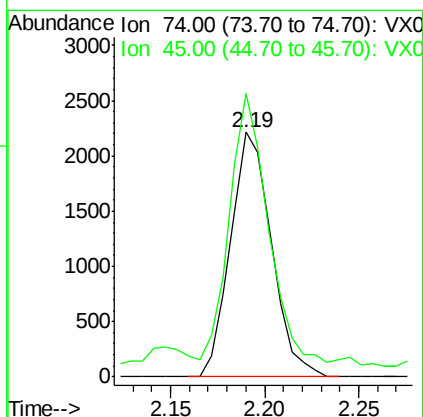
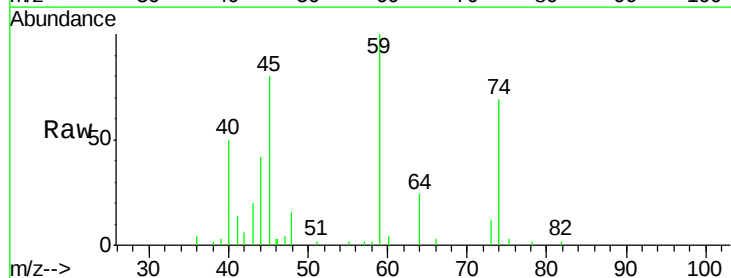
Tgt Ion: 101 Resp: 7705
Ion Ratio Lower Upper
101 100
103 69.0 50.4 75.6

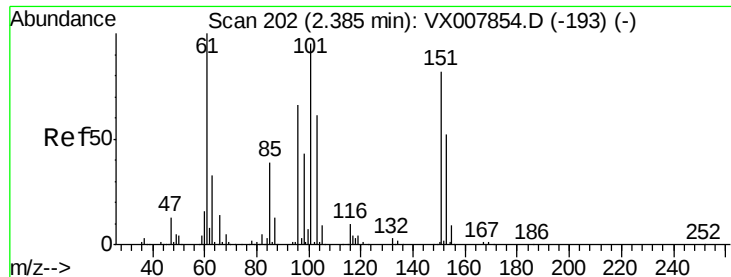


#8

Diethyl Ether
Concen: 1.963 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX007862.D
Acq: 06 Mar 2019 16:14

Tgt Ion: 74 Resp: 3342
Ion Ratio Lower Upper
74 100
45 109.1 52.1 156.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 2.099 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.01 min

Lab File: VX007862.D

Acq: 06 Mar 2019 16:14

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2019

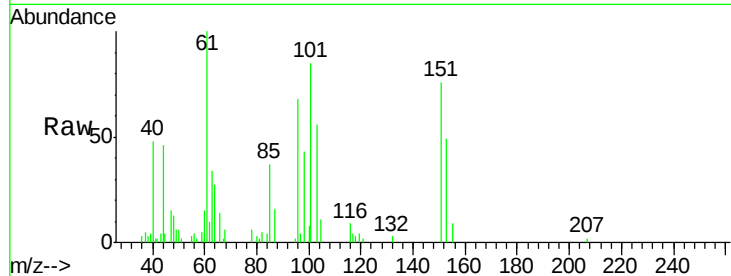
Tgt Ion:101 Resp: 5114

Ion Ratio Lower Upper

101 100

85 42.9 33.8 50.6

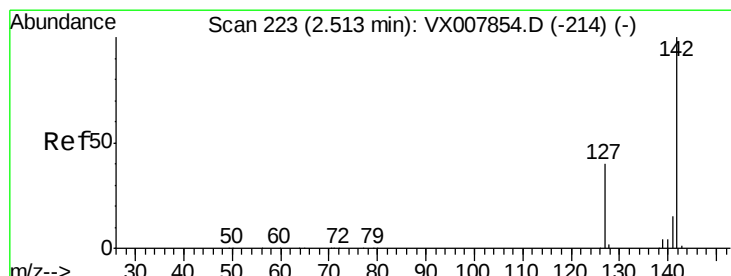
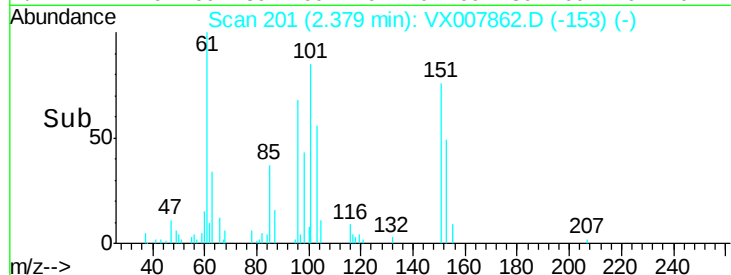
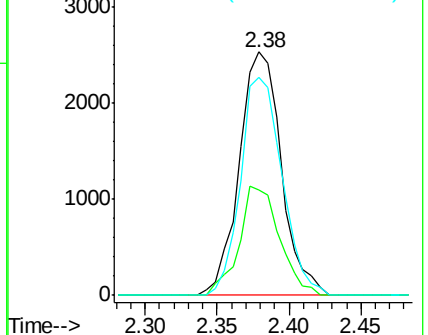
151 88.4 69.1 103.7



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: 9.846 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.01 min

Lab File: VX007862.D

Acq: 06 Mar 2019 16:14

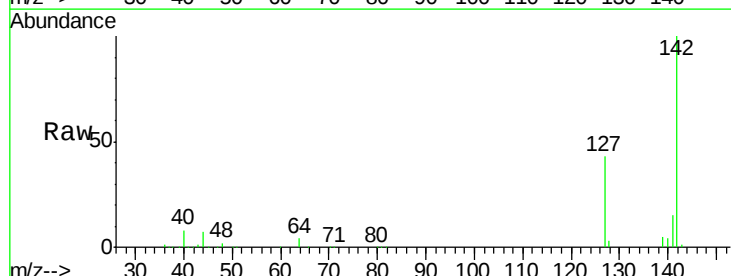
Tgt Ion:142 Resp: 34024

Ion Ratio Lower Upper

142 100

127 40.2 32.1 48.1

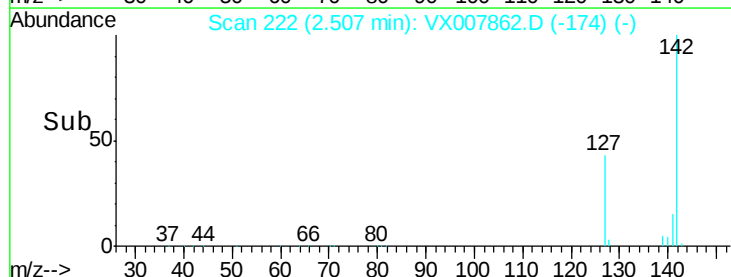
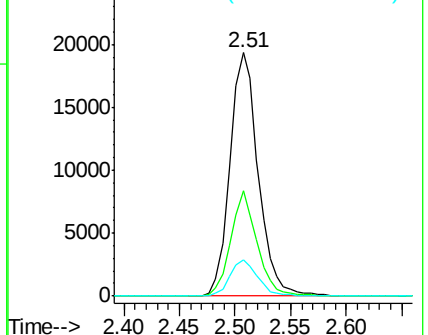
141 14.5 11.4 17.2

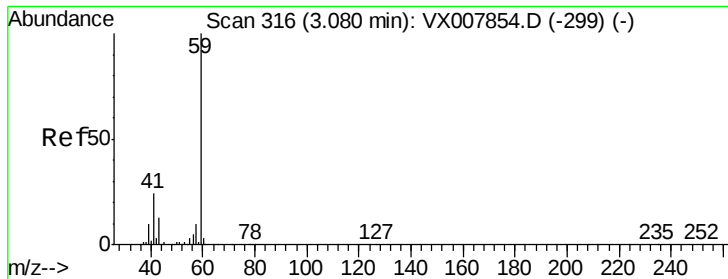


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

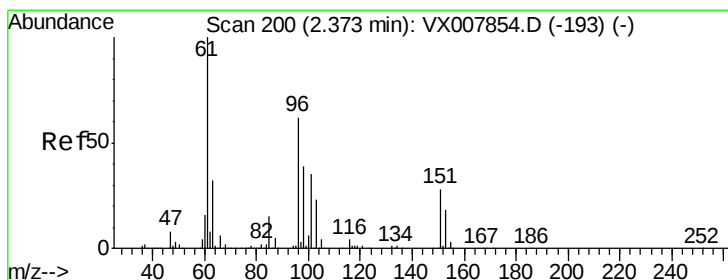
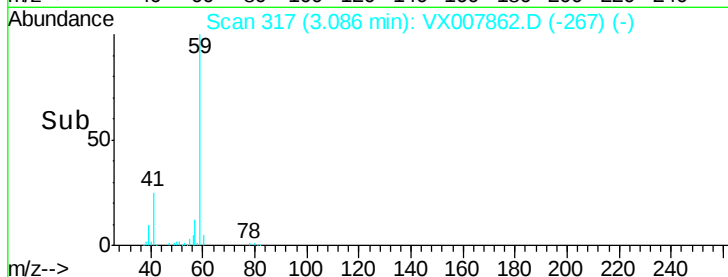
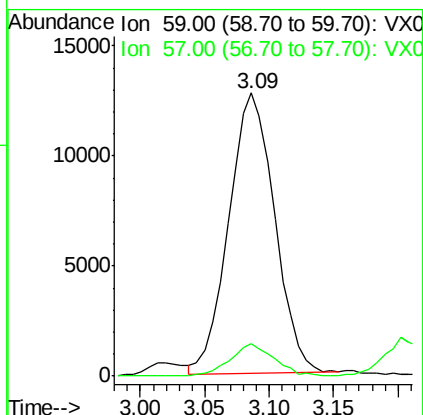
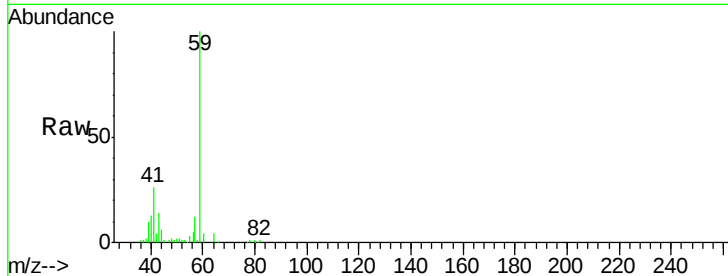




#11
Tert butyl alcohol
Concen: 48.459 ug/l
RT: 3.09 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX007862.D
Acq: 06 Mar 2019 16:14

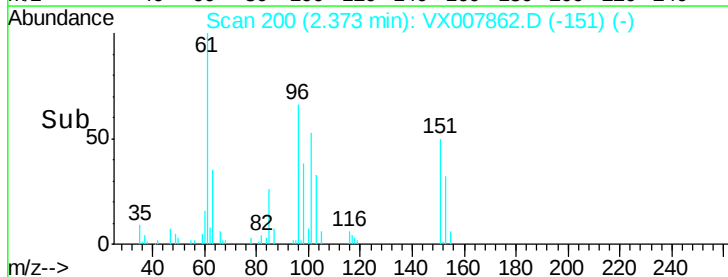
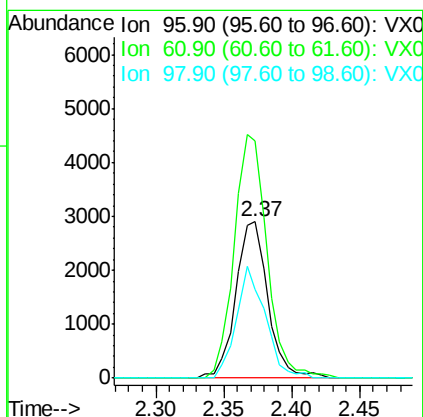
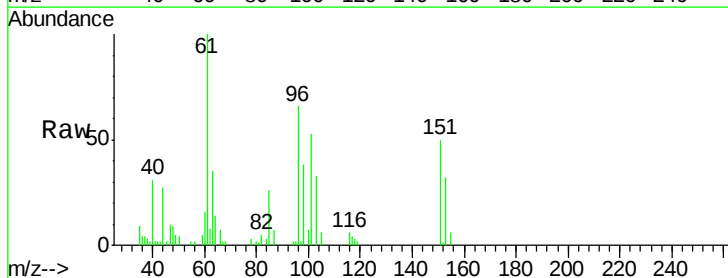
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2019

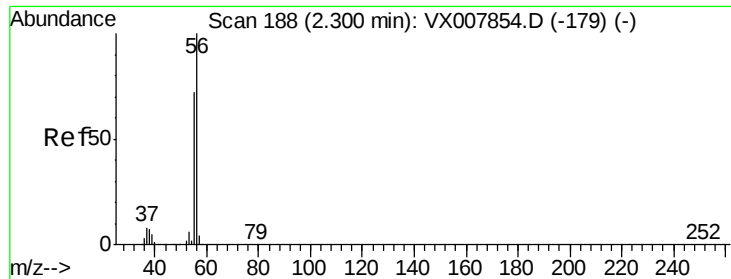
Tgt Ion: 59 Resp: 31549
Ion Ratio Lower Upper
59 100
57 11.1 8.2 12.2



#12
1,1-Dichloroethene
Concen: 2.041 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX007862.D
Acq: 06 Mar 2019 16:14

Tgt Ion: 96 Resp: 4792
Ion Ratio Lower Upper
96 100
61 152.1 129.8 194.6
98 57.1 51.0 76.6





#13

Acrolein

Concen: 73.025 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.00 min

Lab File: VX007862.D

Acq: 06 Mar 2019 16:14

Instrument :

MSVOA_X

ClientSampleId :

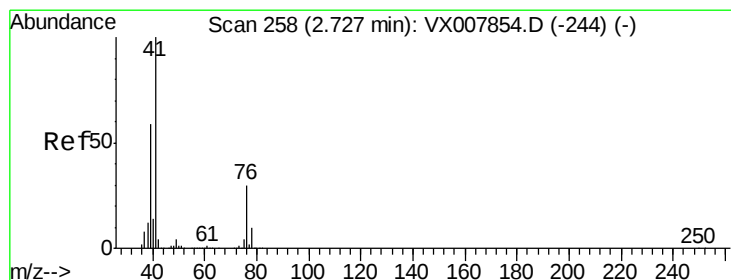
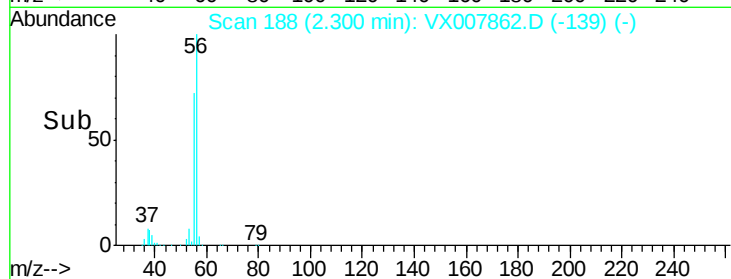
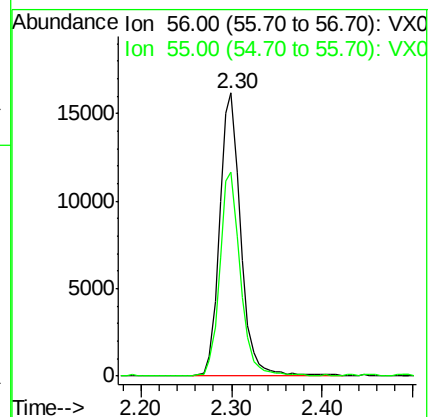
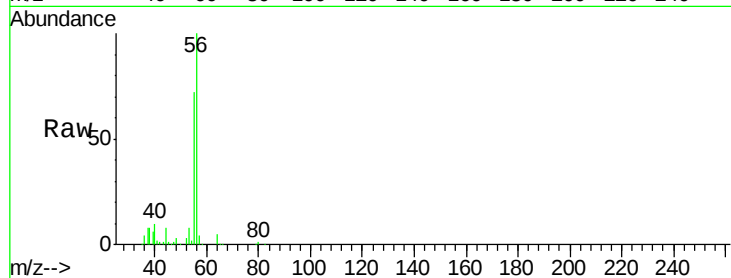
LOQ-WATER-02-QT1-2019

Tgt Ion: 56 Resp: 26500

Ion Ratio Lower Upper

56 100

55 70.2 57.8 86.6



#14

Allyl chloride

Concen: 1.888 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX007862.D

Acq: 06 Mar 2019 16:14

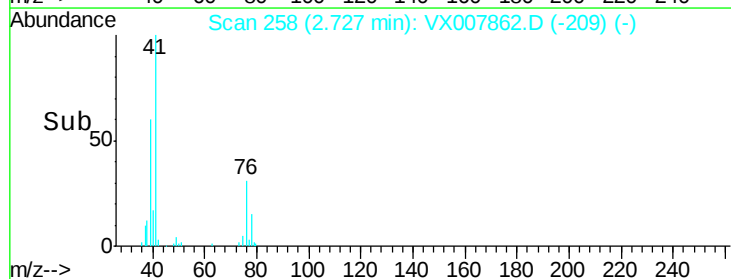
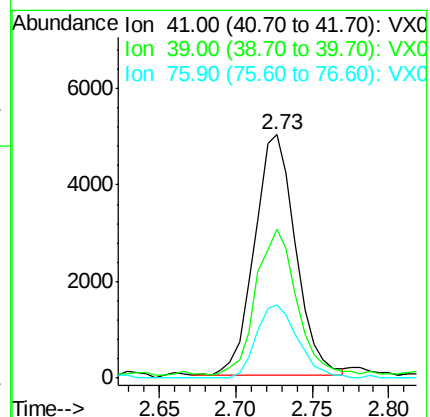
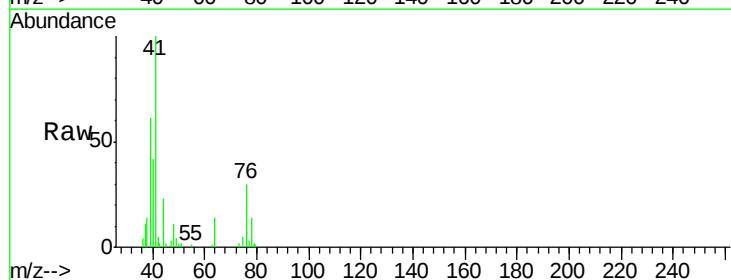
Tgt Ion: 41 Resp: 9315

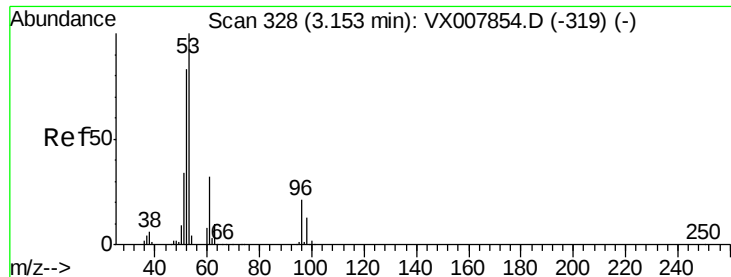
Ion Ratio Lower Upper

41 100

39 59.8 46.1 69.1

76 30.9 24.0 36.0





#15

Acrylonitrile

Concen: 9.980 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX007862.D

Acq: 06 Mar 2019 16:14

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2019

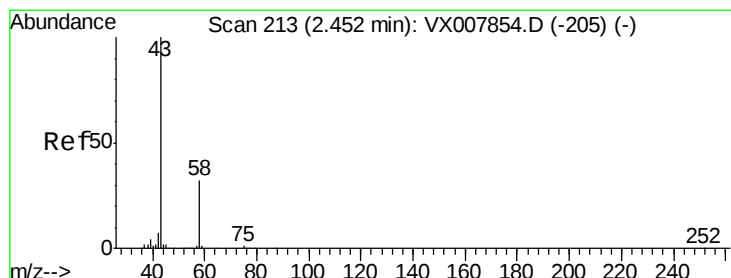
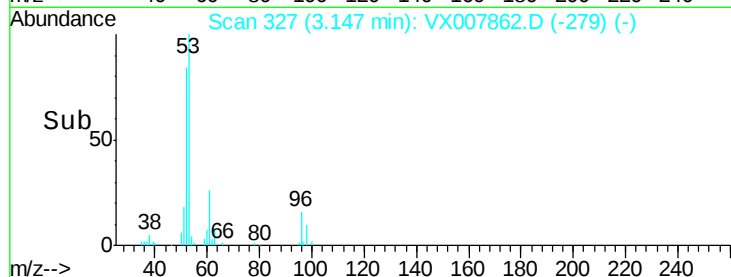
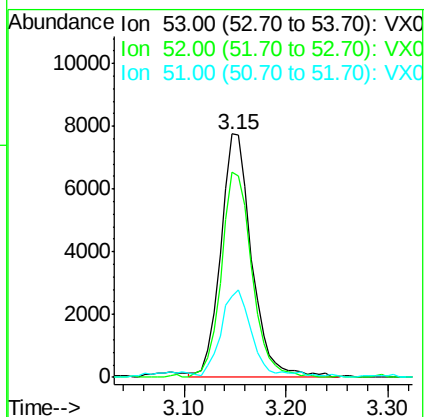
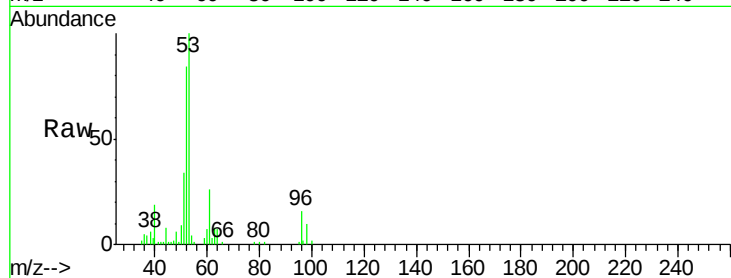
Tgt Ion: 53 Resp: 16400

Ion Ratio Lower Upper

53 100

52 83.3 66.0 99.0

51 34.6 28.0 42.0



#16

Acetone

Concen: 10.859 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.00 min

Lab File: VX007862.D

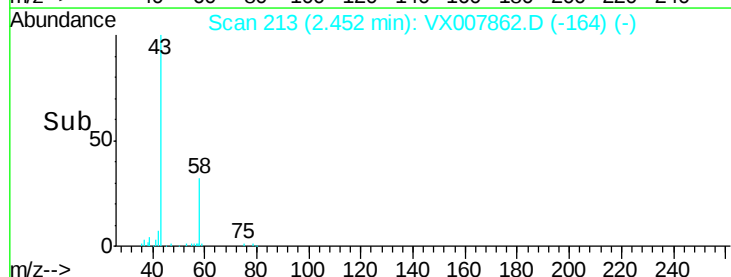
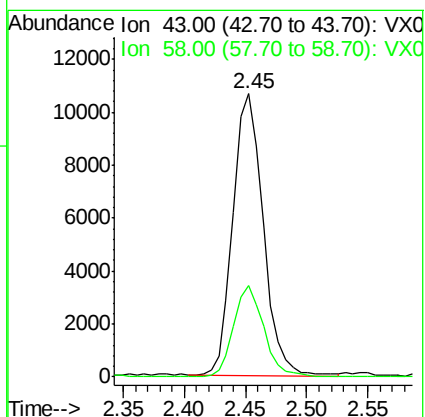
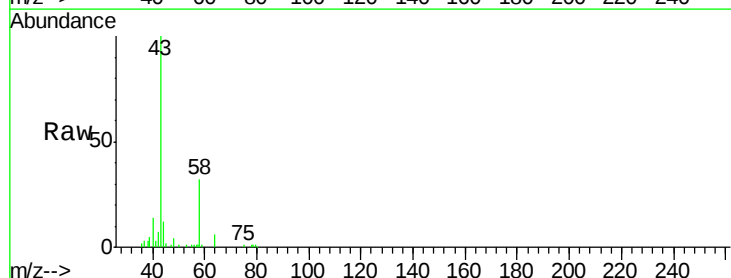
Acq: 06 Mar 2019 16:14

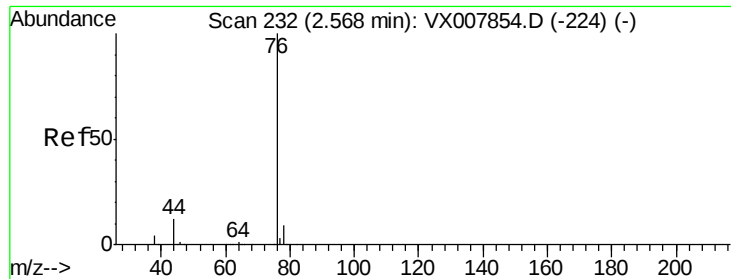
Tgt Ion: 43 Resp: 18297

Ion Ratio Lower Upper

43 100

58 32.3 25.5 38.3

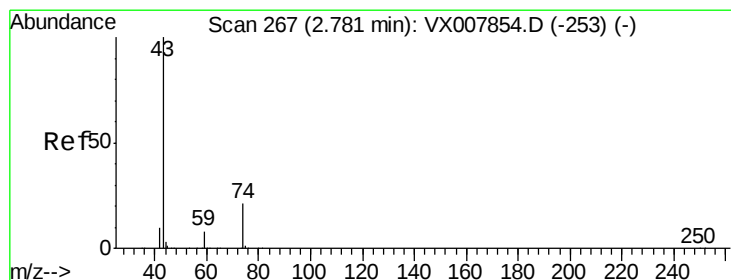
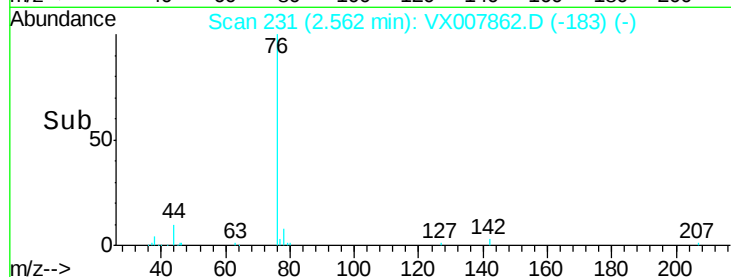
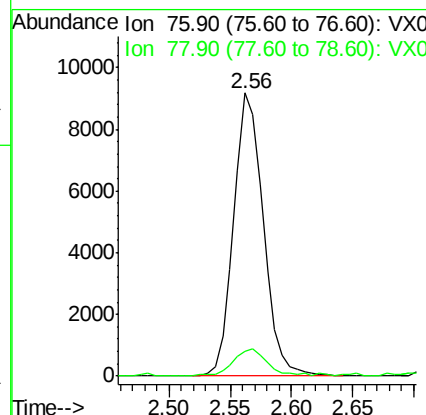
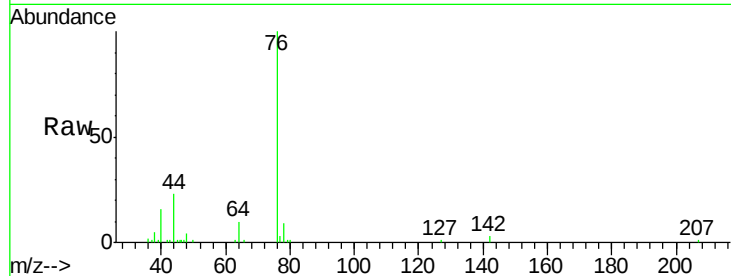




#17
Carbon Disulfide
Concen: 1.728 ug/l
RT: 2.56 min Scan# 231
Delta R.T. -0.01 min
Lab File: VX007862.D
Acq: 06 Mar 2019 16:14

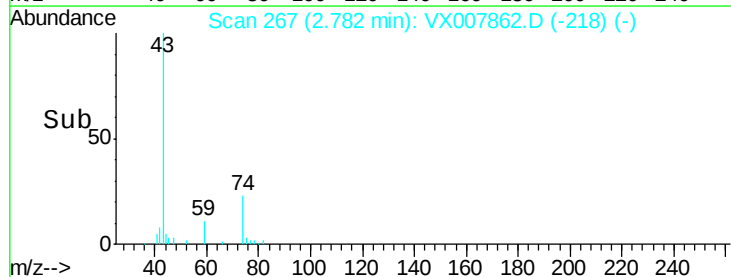
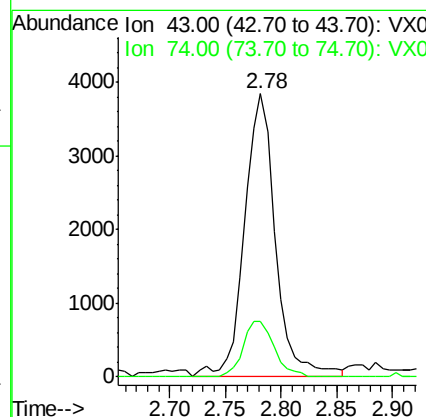
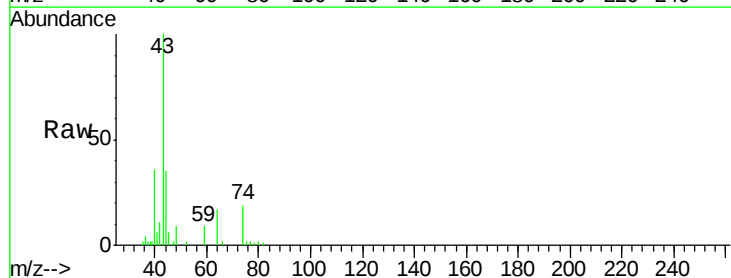
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2019

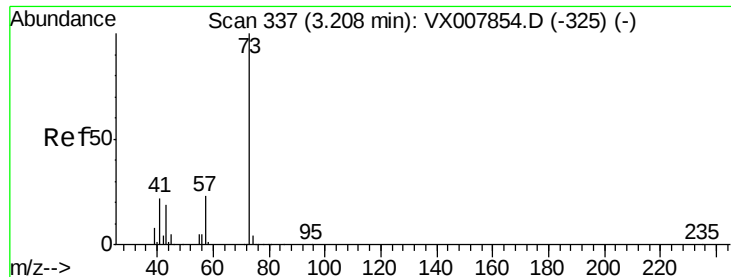
Tgt Ion: 76 Resp: 15417
Ion Ratio Lower Upper
76 100
78 8.9 7.2 10.8



#18
Methyl Acetate
Concen: 2.085 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX007862.D
Acq: 06 Mar 2019 16:14

Tgt Ion: 43 Resp: 7464
Ion Ratio Lower Upper
43 100
74 19.8 17.8 26.6

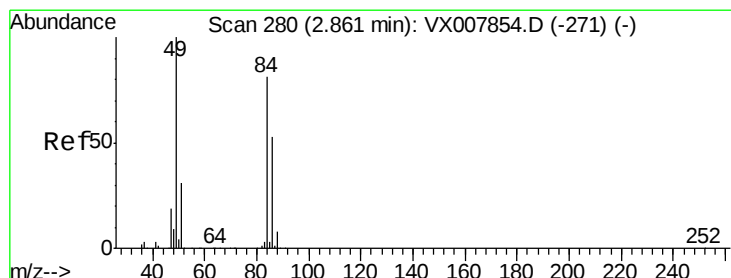
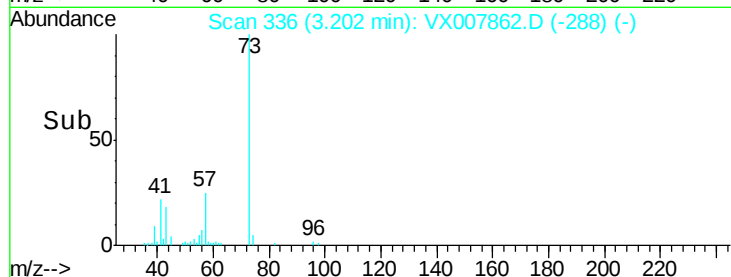
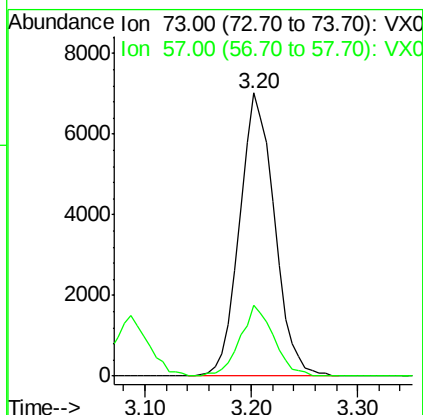
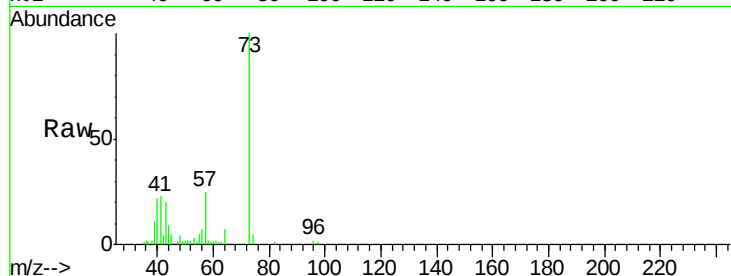




#19
Methyl tert-butyl Ether
Concen: 2.007 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.01 min
Lab File: VX007862.D
Acq: 06 Mar 2019 16:14

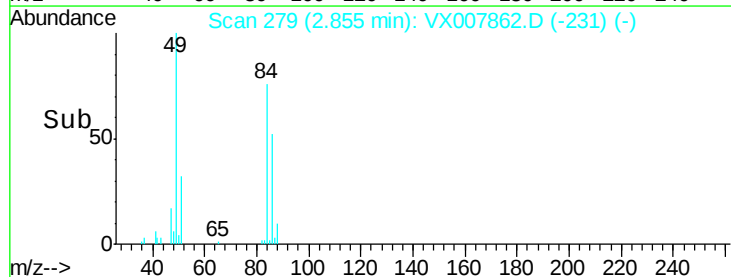
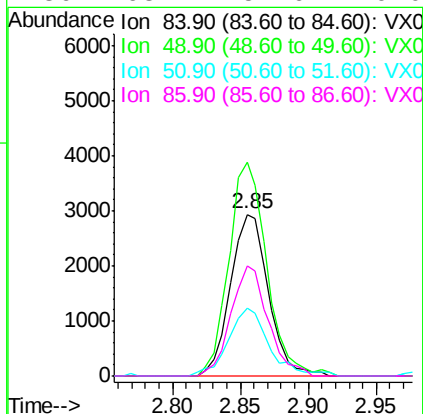
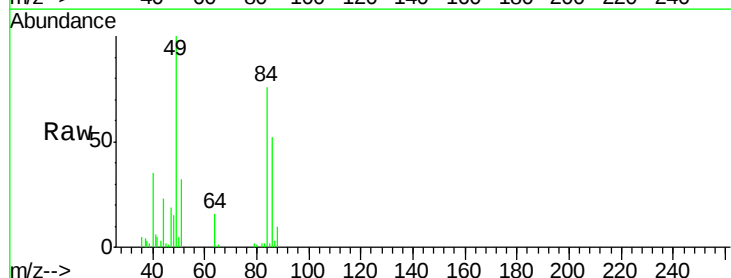
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2019

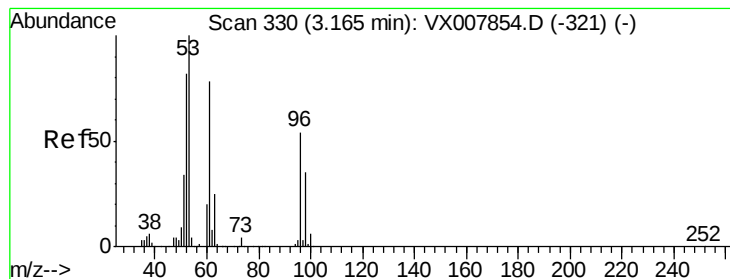
Tgt Ion: 73 Resp: 16212
Ion Ratio Lower Upper
73 100
57 25.1 18.2 27.4



#20
Methylene Chloride
Concen: 2.126 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX007862.D
Acq: 06 Mar 2019 16:14

Tgt Ion: 84 Resp: 5702
Ion Ratio Lower Upper
84 100
49 132.4 99.3 148.9
51 42.0 31.3 46.9
86 68.4 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 2.074 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX007862.D

Acq: 06 Mar 2019 16:14

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2019

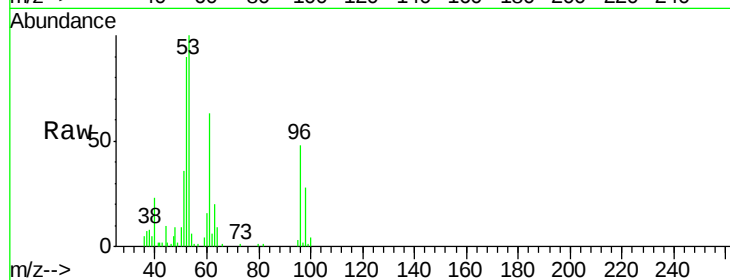
Tgt Ion: 96 Resp: 5359

Ion Ratio Lower Upper

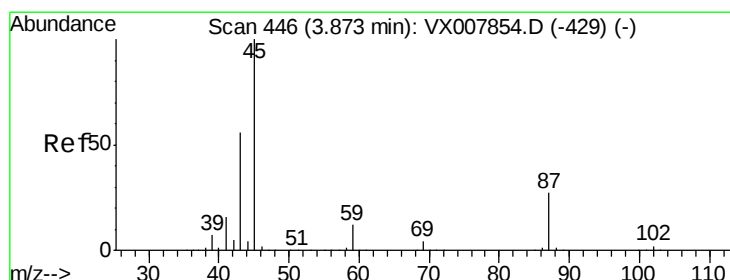
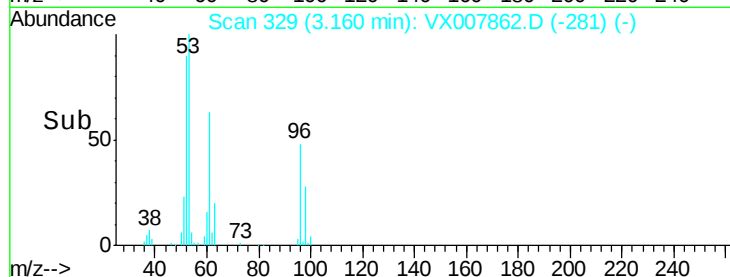
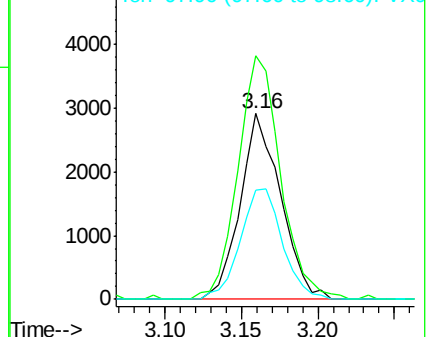
96 100

61 131.1 114.4 171.6

98 58.7 51.1 76.7



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: 2.038 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.01 min

Lab File: VX007862.D

Acq: 06 Mar 2019 16:14

Tgt Ion: 45 Resp: 18436

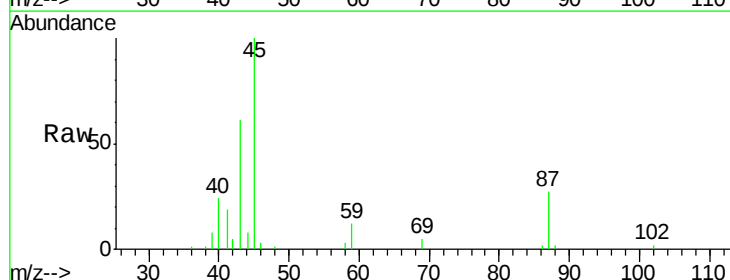
Ion Ratio Lower Upper

45 100

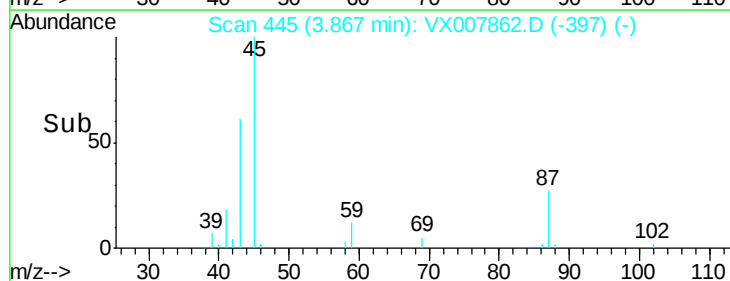
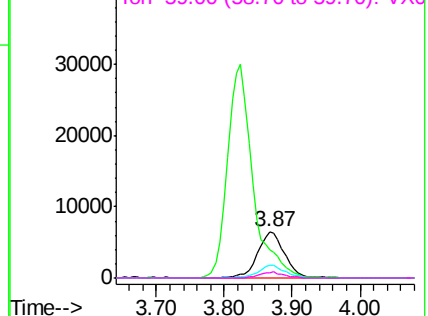
43 61.0 45.3 67.9

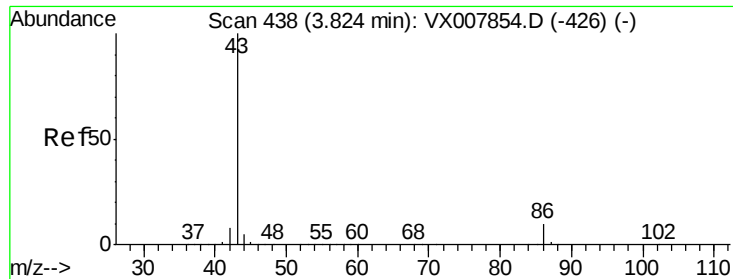
87 26.6 21.4 32.0

59 12.4 9.5 14.3



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: 9.815 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX007862.D

Acq: 06 Mar 2019 16:14

Instrument :

MSVOA_X

ClientSampleId :

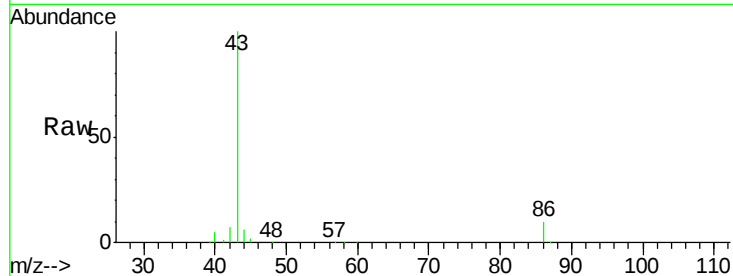
LOQ-WATER-02-QT1-2019

Tgt Ion: 43 Resp: 77843

Ion Ratio Lower Upper

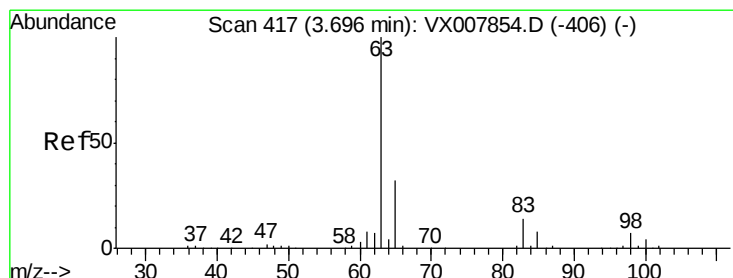
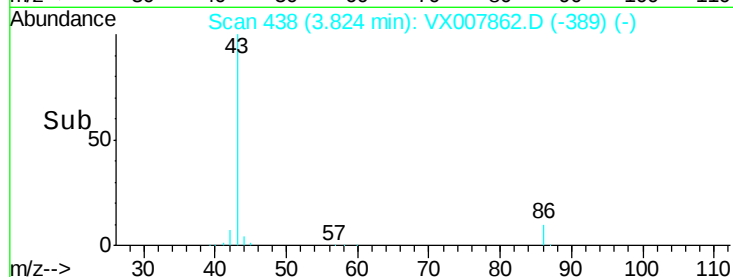
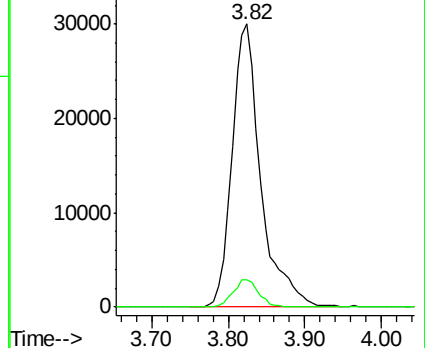
43 100

86 9.6 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 2.018 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX007862.D

Acq: 06 Mar 2019 16:14

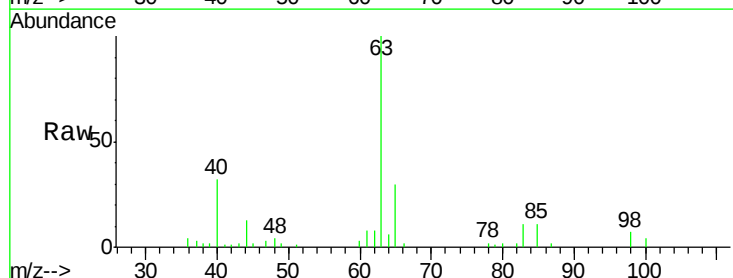
Tgt Ion: 63 Resp: 9820

Ion Ratio Lower Upper

63 100

98 7.1 3.3 9.8

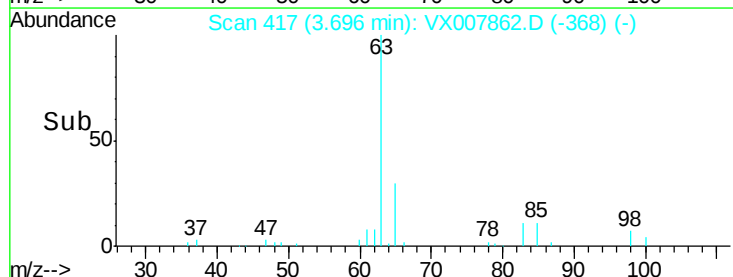
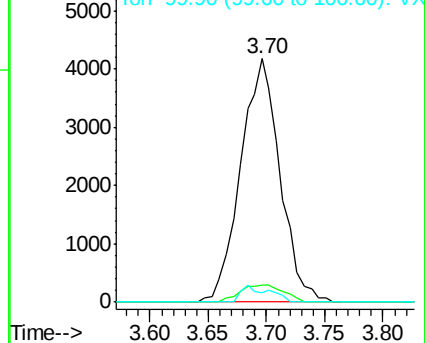
100 4.0 2.3 6.8

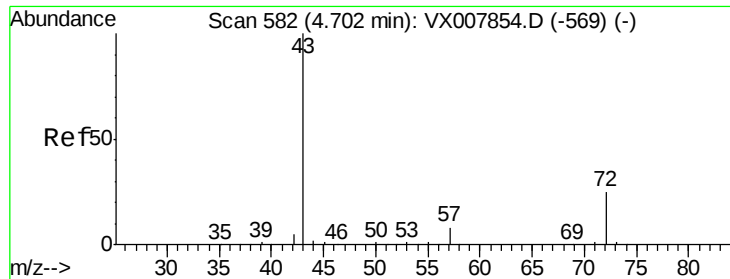


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 9.944 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX007862.D

Acq: 06 Mar 2019 16:14

Instrument :

MSVOA_X

ClientSampleId :

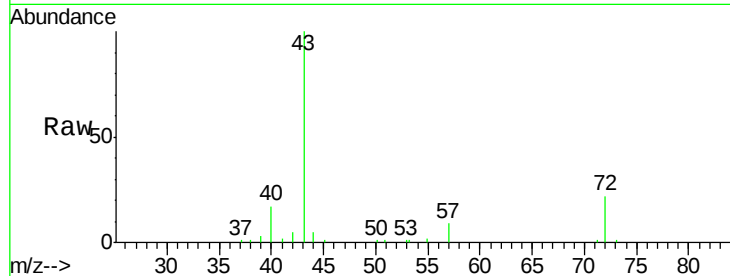
LOQ-WATER-02-QT1-2019

Tgt Ion: 43 Resp: 23721

Ion Ratio Lower Upper

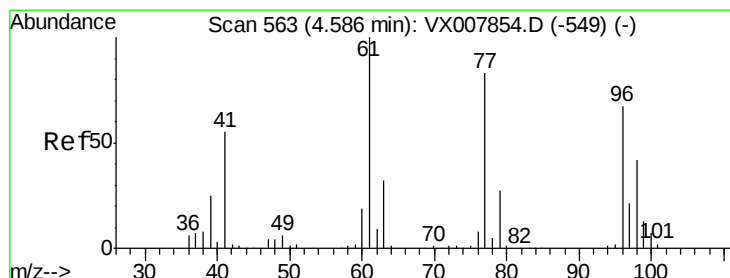
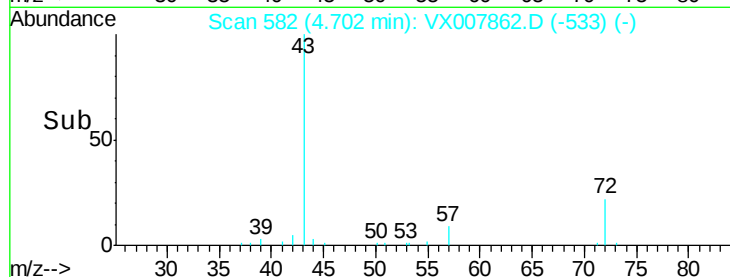
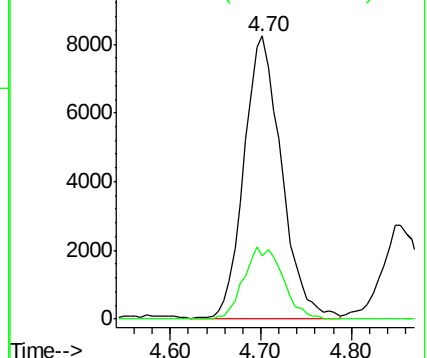
43 100

72 22.4 19.9 29.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 1.879 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX007862.D

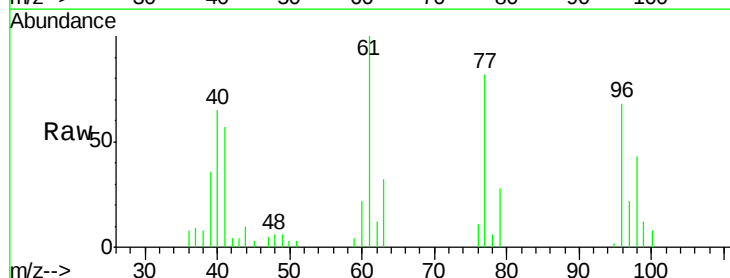
Acq: 06 Mar 2019 16:14

Tgt Ion: 77 Resp: 6060

Ion Ratio Lower Upper

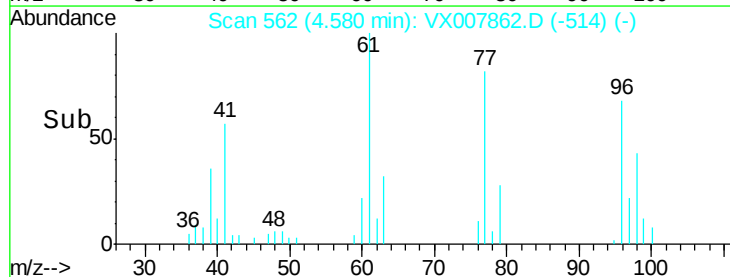
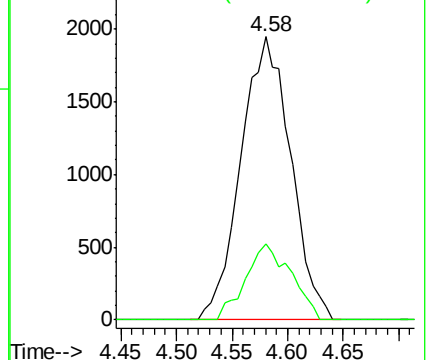
77 100

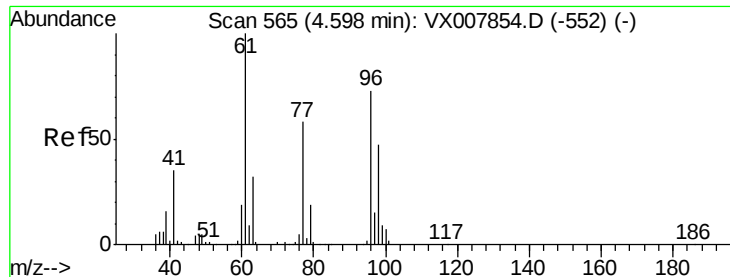
97 24.4 12.2 36.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



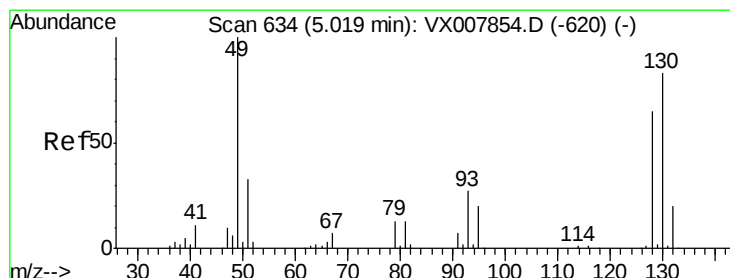
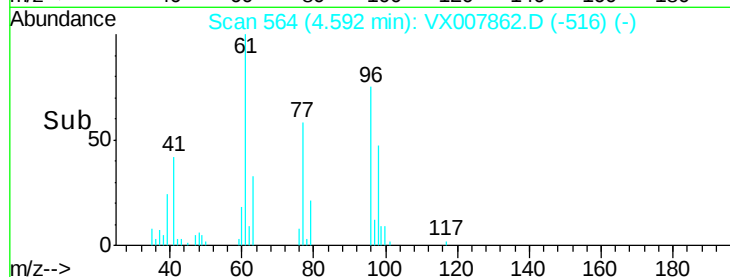
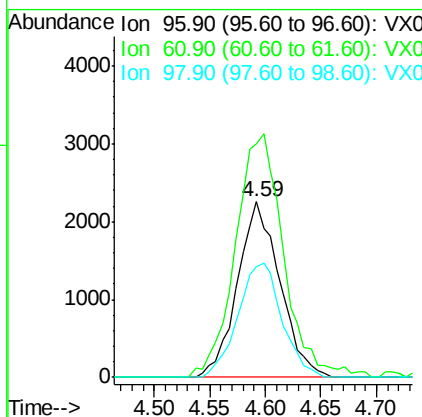
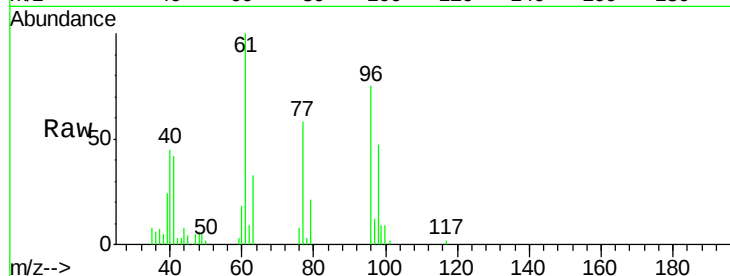


#27

cis-1,2-Dichloroethene
Concen: 2.015 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX007862.D
Acq: 06 Mar 2019 16:14

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

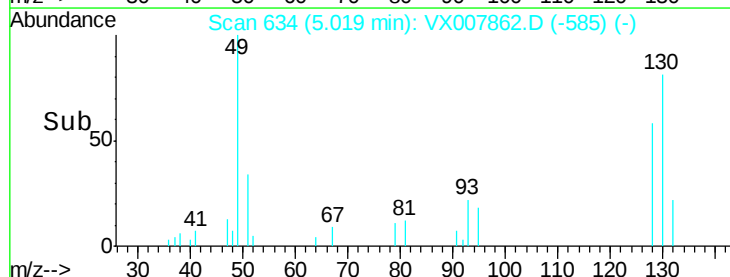
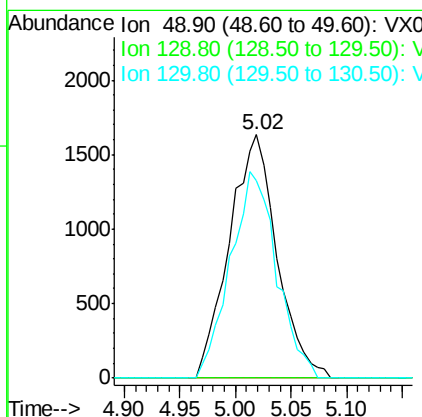
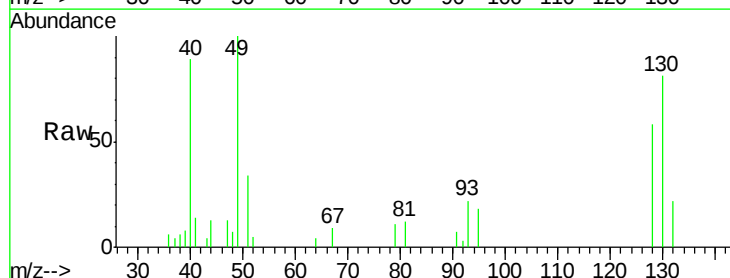
Tgt Ion: 96 Resp: 5957
Ion Ratio Lower Upper
96 100
61 158.0 0.0 288.0
98 67.3 0.0 129.0

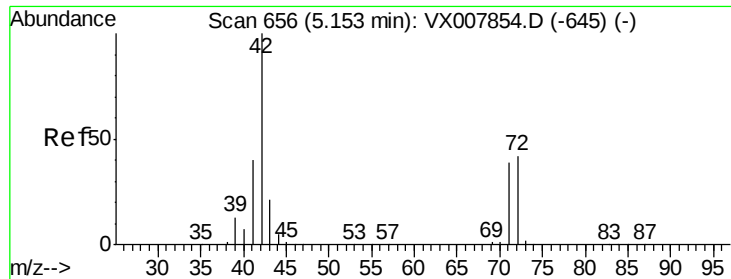


#28

Bromochloromethane
Concen: 2.139 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX007862.D
Acq: 06 Mar 2019 16:14

Tgt Ion: 49 Resp: 4853
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.0
130 82.2 65.0 97.4

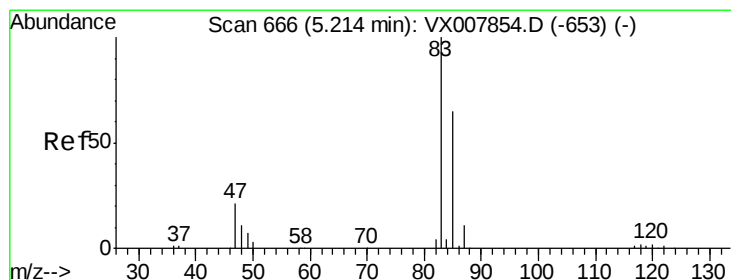
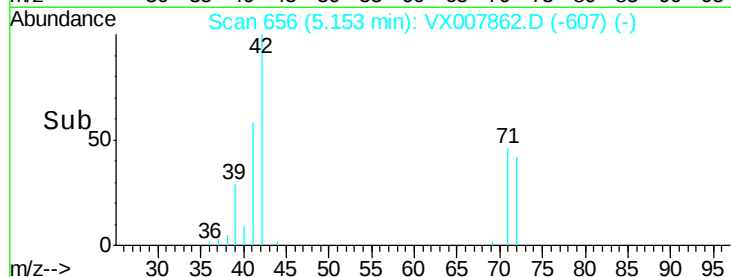
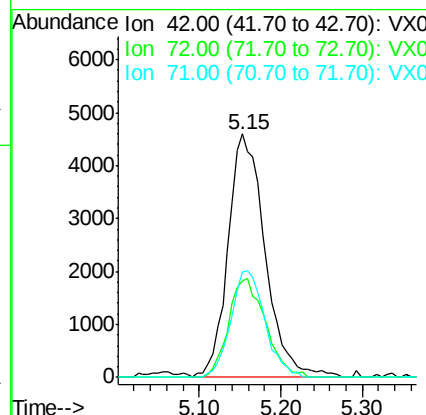
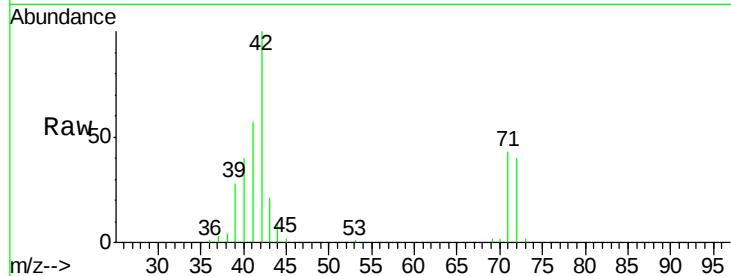




#29
Tetrahydrofuran
Concen: 9.696 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX007862.D
Acq: 06 Mar 2019 16:14

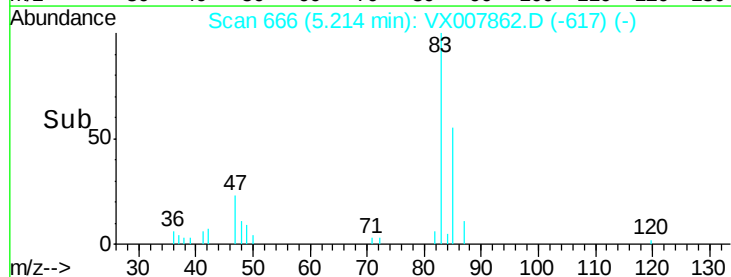
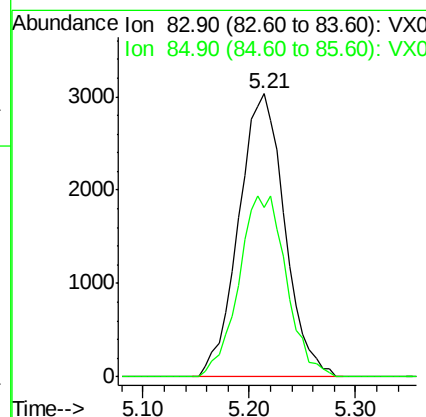
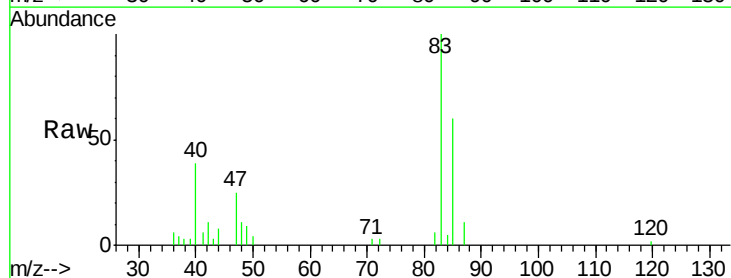
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2019

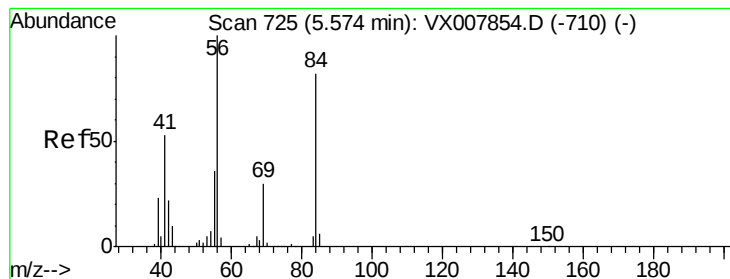
Tgt Ion: 42 Resp: 14428
Ion Ratio Lower Upper
42 100
72 40.2 33.8 50.6
71 40.2 31.5 47.3



#30
Chloroform
Concen: 1.994 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX007862.D
Acq: 06 Mar 2019 16:14

Tgt Ion: 83 Resp: 9182
Ion Ratio Lower Upper
83 100
85 59.7 51.8 77.6





#31

Cyclohexane

Concen: 1.998 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX007862.D

Acq: 06 Mar 2019 16:14

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2019

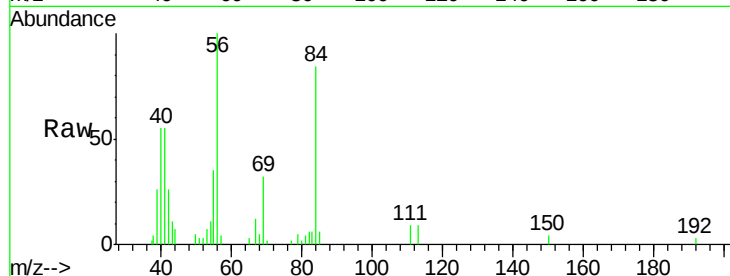
Tgt Ion: 56 Resp: 8936

Ion Ratio Lower Upper

56 100

69 31.7 24.0 36.0

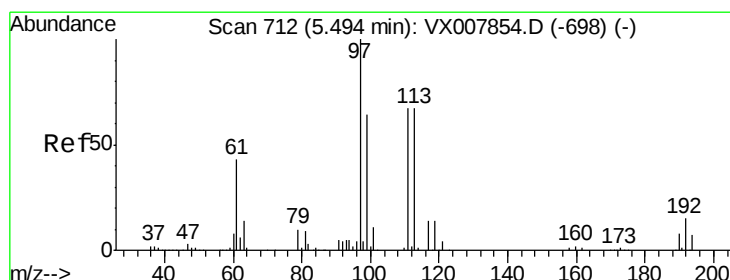
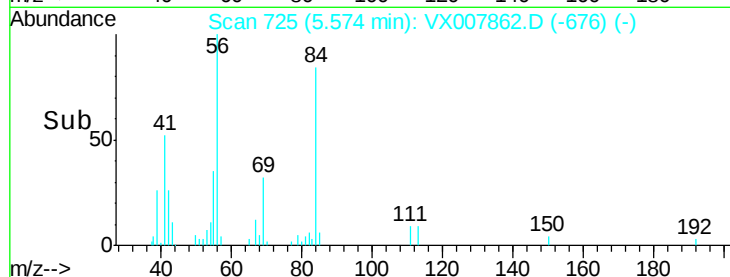
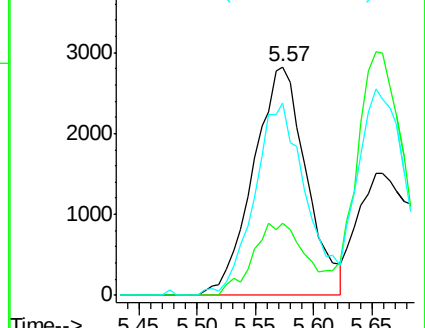
84 84.5 65.3 97.9



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: 1.873 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX007862.D

Acq: 06 Mar 2019 16:14

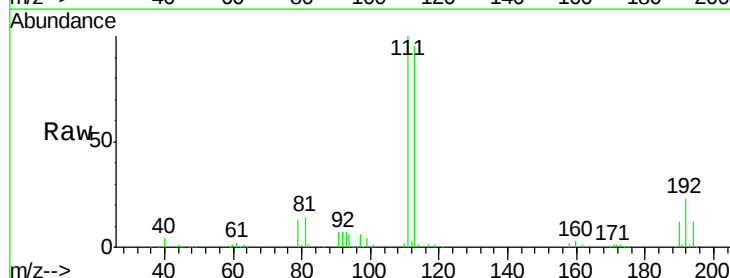
Tgt Ion: 97 Resp: 7153

Ion Ratio Lower Upper

97 100

99 67.5 52.2 78.2

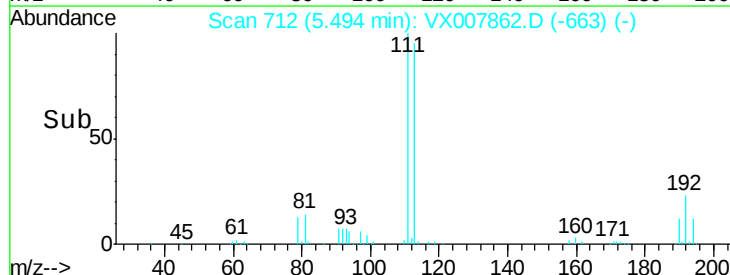
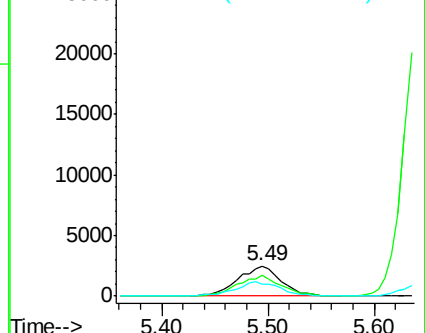
61 47.1 34.9 52.3

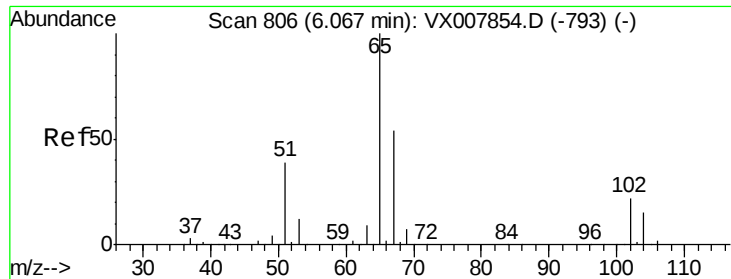


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

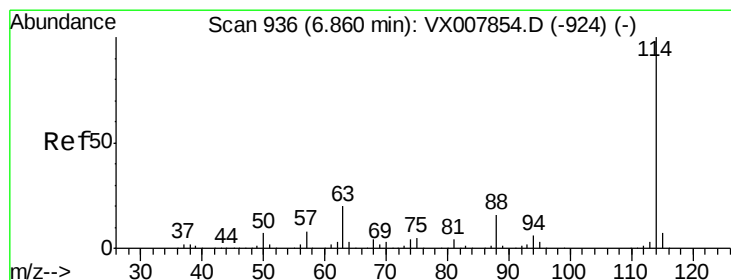
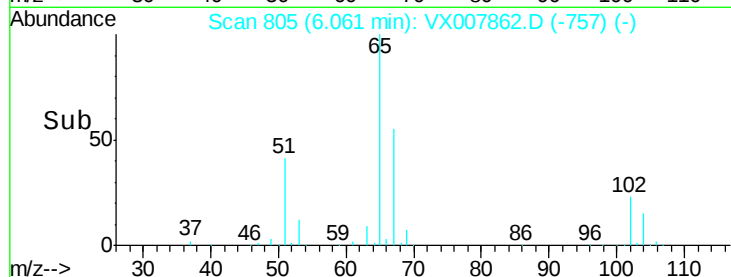
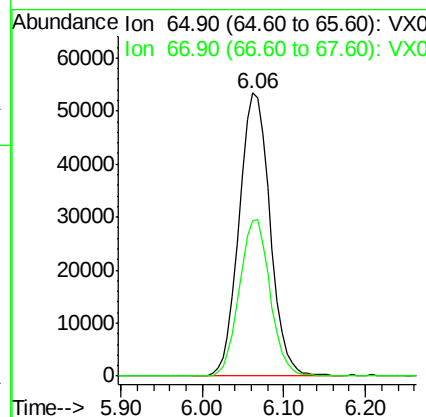
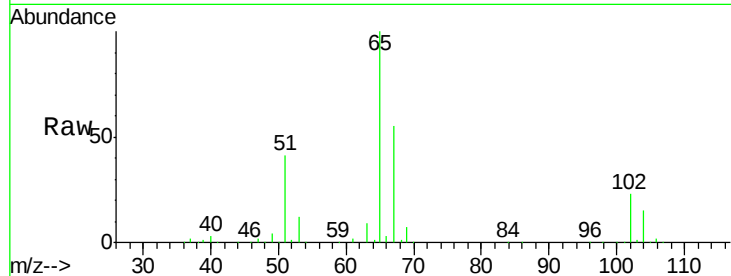




#33
 1,2-Dichloroethane-d4
 Concen: 48.227 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: VX007862.D
 Acq: 06 Mar 2019 16:14

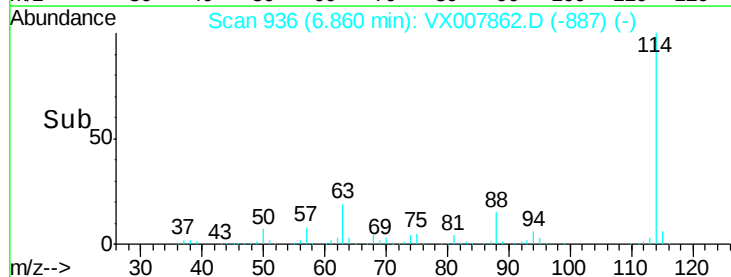
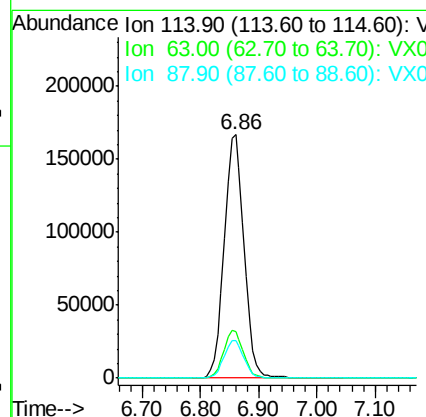
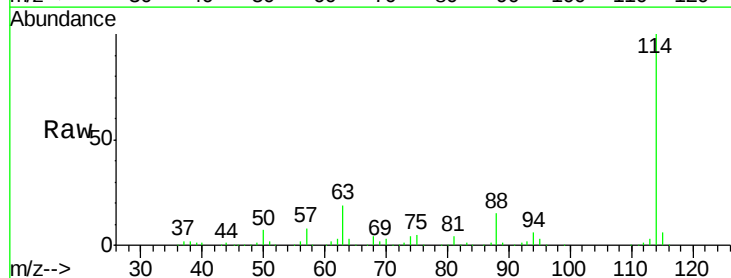
Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT1-2019

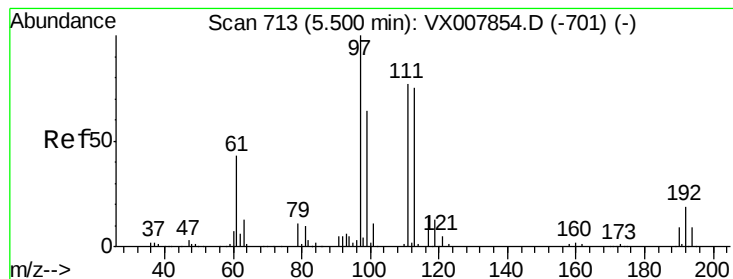
Tgt Ion: 65 Resp: 140398
 Ion Ratio Lower Upper
 65 100
 67 54.9 0.0 110.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX007862.D
 Acq: 06 Mar 2019 16:14

Tgt Ion: 114 Resp: 393358
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 39.8
 88 15.4 0.0 31.4





#35

Dibromofluoromethane

Concen: 48.297 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX007862.D

Acq: 06 Mar 2019 16:14

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2019

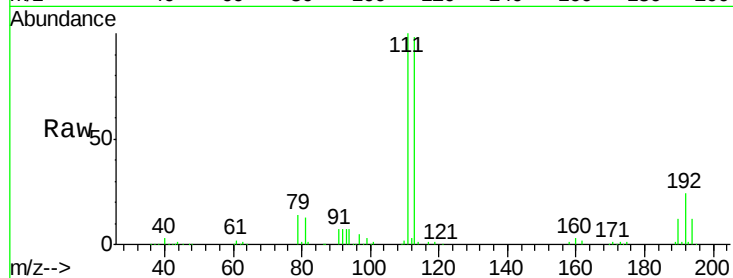
Tgt Ion:113 Resp: 121523

Ion Ratio Lower Upper

113 100

111 102.7 81.4 122.0

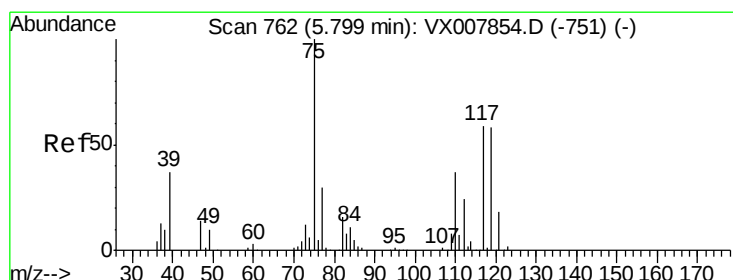
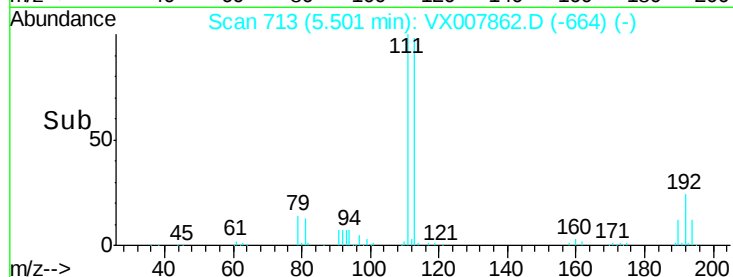
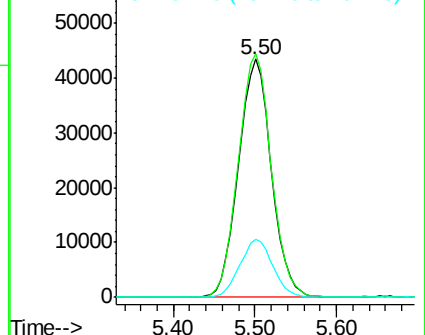
192 24.3 19.4 29.0



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 2.110 ug/l

RT: 5.79 min Scan# 761

Delta R.T. -0.01 min

Lab File: VX007862.D

Acq: 06 Mar 2019 16:14

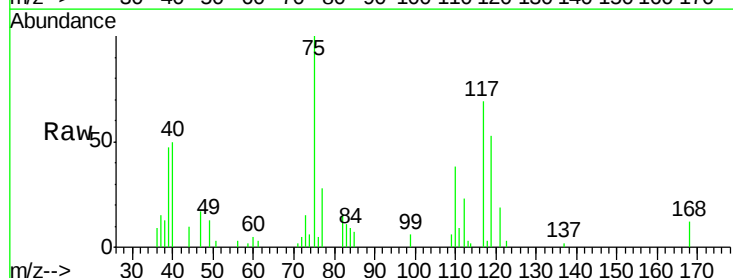
Tgt Ion: 75 Resp: 7517

Ion Ratio Lower Upper

75 100

110 37.2 18.4 55.0

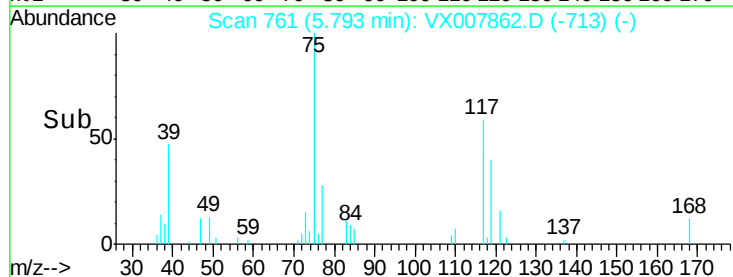
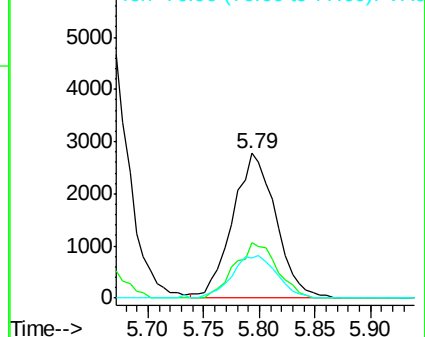
77 30.6 25.0 37.4

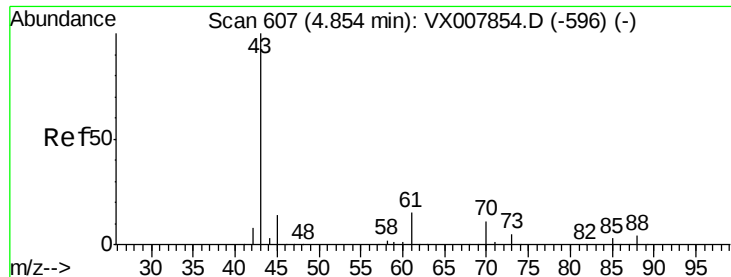


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

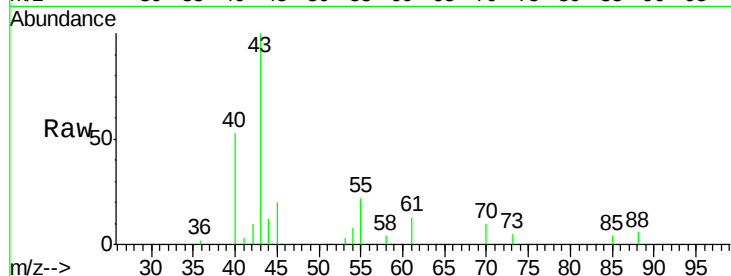




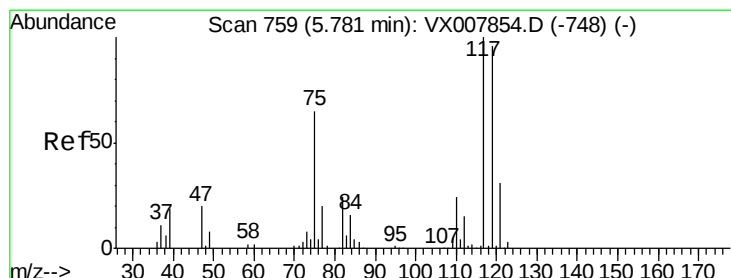
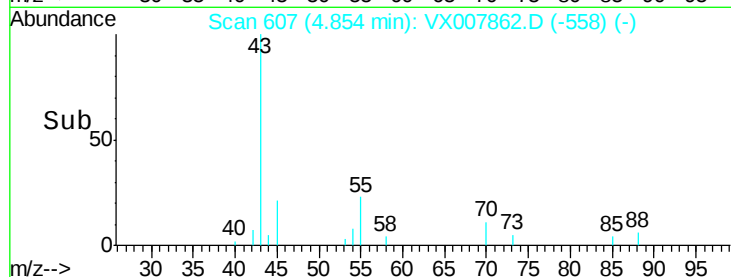
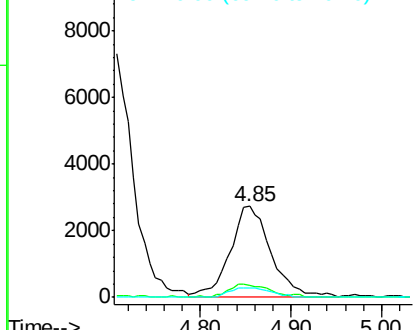
#37
Ethyl Acetate
Concen: 2.030 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX007862.D
Acq: 06 Mar 2019 16:14

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

Tgt Ion: 43 Resp: 8581
Ion Ratio Lower Upper
43 100
61 14.5 11.3 16.9
70 10.5 8.5 12.7

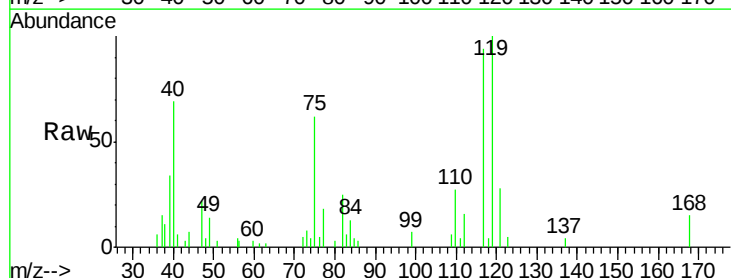


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

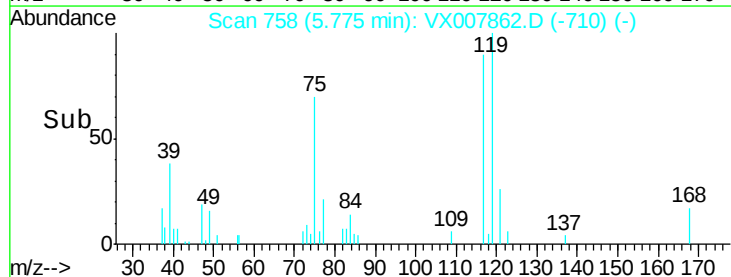
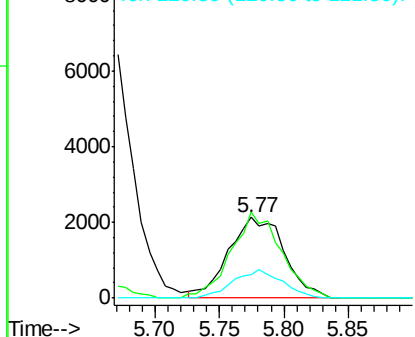


#38
Carbon Tetrachloride
Concen: 1.897 ug/l
RT: 5.77 min Scan# 758
Delta R.T. -0.01 min
Lab File: VX007862.D
Acq: 06 Mar 2019 16:14

Tgt Ion: 117 Resp: 6413
Ion Ratio Lower Upper
117 100
119 106.3 76.2 114.2
121 29.7 24.6 36.8



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

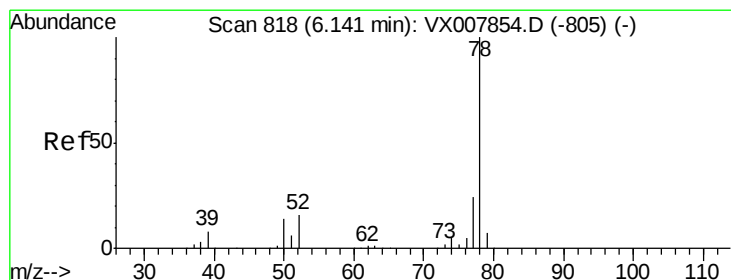
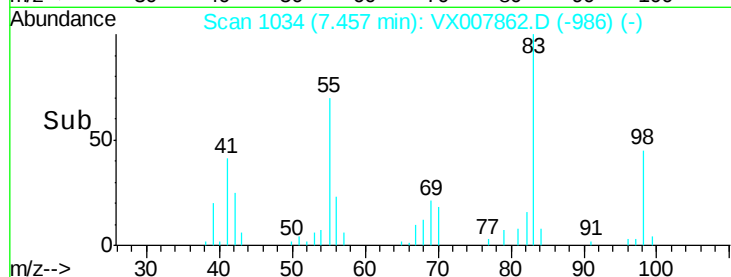
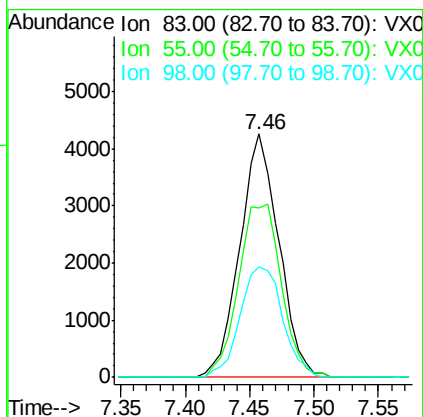
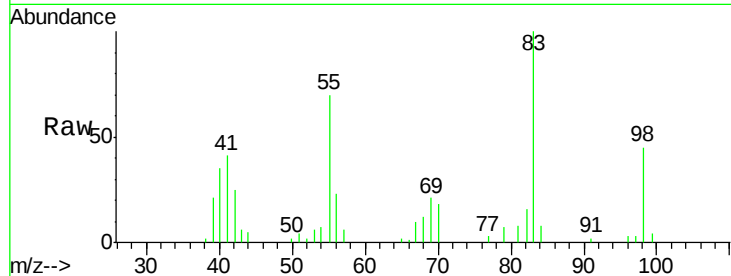




#39
Methylcyclohexane
Concen: 2.074 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX007862.D
Acq: 06 Mar 2019 16:14

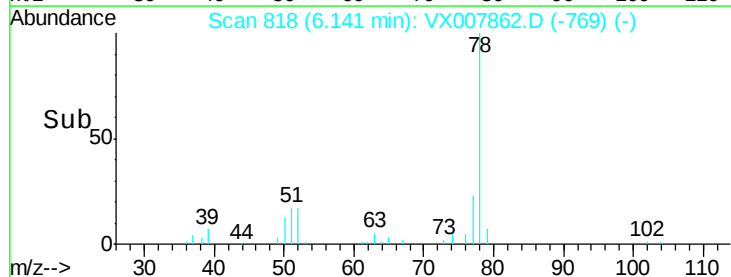
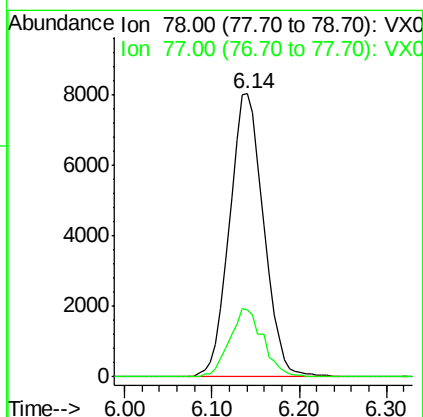
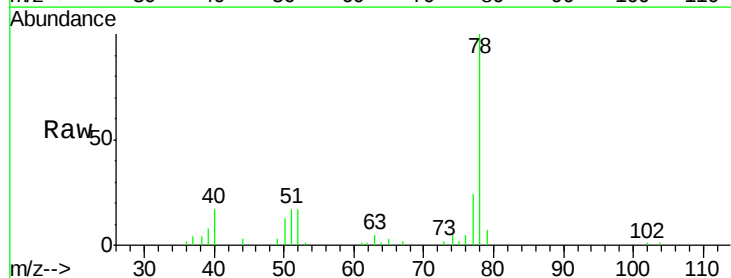
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2019

Tgt Ion: 83 Resp: 8952
Ion Ratio Lower Upper
83 100
55 69.6 60.4 90.6
98 45.3 36.5 54.7



#40
Benzene
Concen: 2.063 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX007862.D
Acq: 06 Mar 2019 16:14

Tgt Ion: 78 Resp: 21878
Ion Ratio Lower Upper
78 100
77 23.8 19.0 28.4

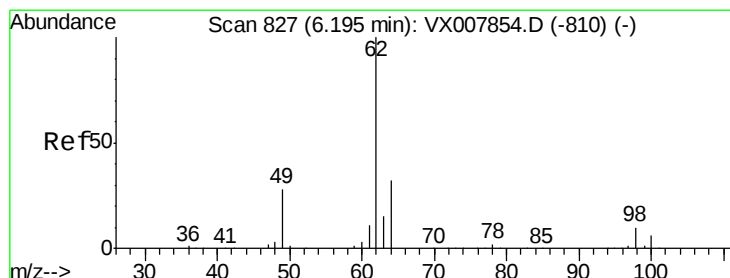
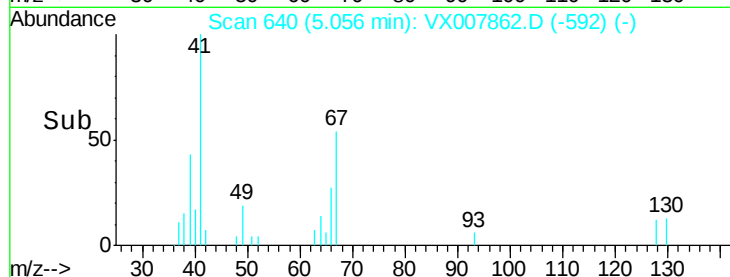
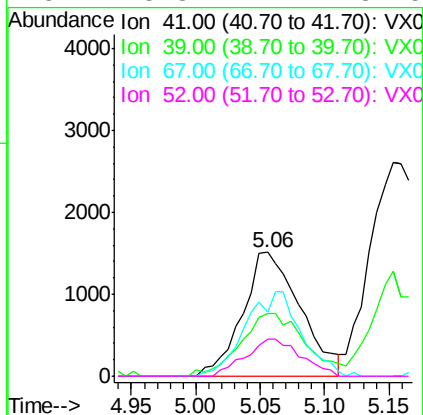
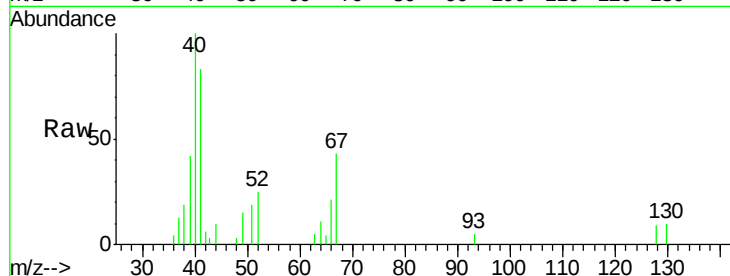




#41
Methacrylonitrile
Concen: 2.037 ug/l
RT: 5.06 min Scan# 640
Delta R.T. -0.01 min
Lab File: VX007862.D
Acq: 06 Mar 2019 16:14

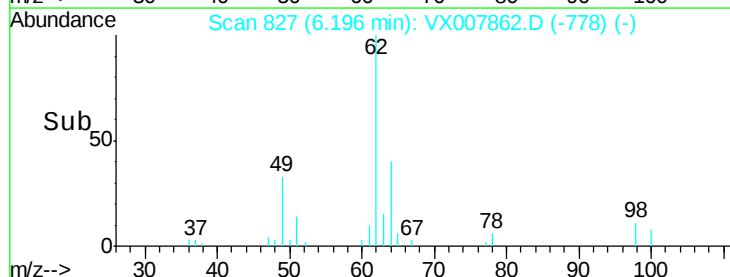
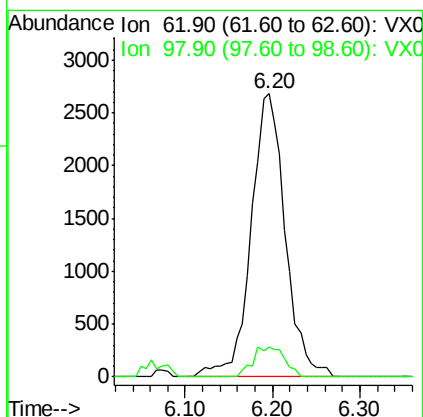
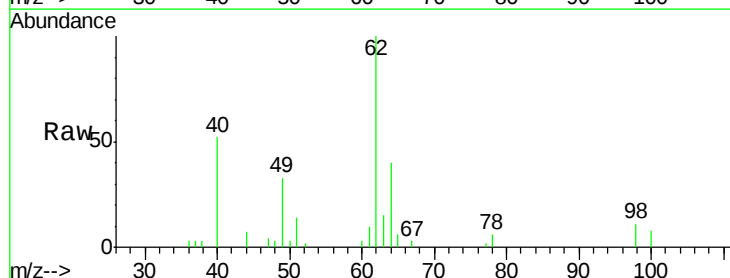
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2019

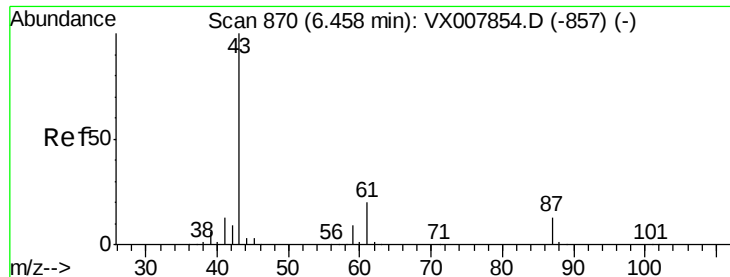
Tgt Ion:	41	Resp:	4693
Ion	Ratio	Lower	Upper
41	100		
39	57.2	41.6	62.4
67	66.0	55.8	83.6
52	28.8	21.7	32.5



#42
1,2-Dichloroethane
Concen: 2.107 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX007862.D
Acq: 06 Mar 2019 16:14

Tgt Ion:	62	Resp:	7306
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	20.4





#43

Isopropyl Acetate

Concen: 1.917 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.00 min

Lab File: VX007862.D

Acq: 06 Mar 2019 16:14

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2019

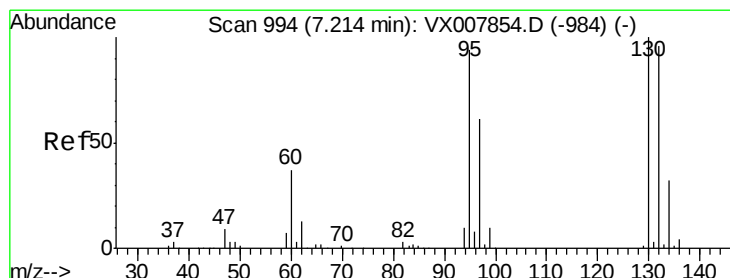
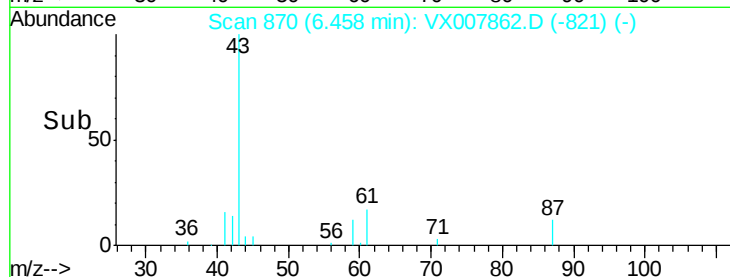
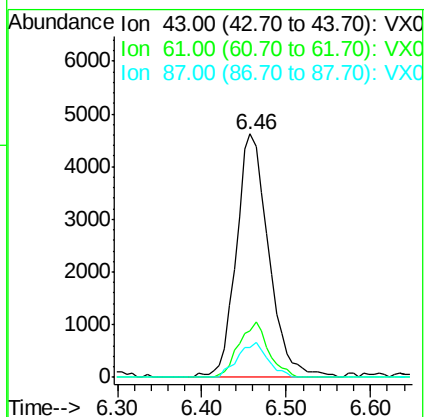
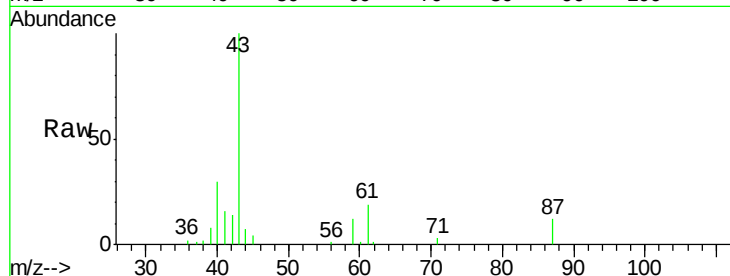
Tgt Ion: 43 Resp: 11992

Ion Ratio Lower Upper

43 100

61 20.7 16.3 24.5

87 13.1 10.5 15.7



#44

Trichloroethene

Concen: 2.004 ug/l

RT: 7.21 min Scan# 993

Delta R.T. -0.01 min

Lab File: VX007862.D

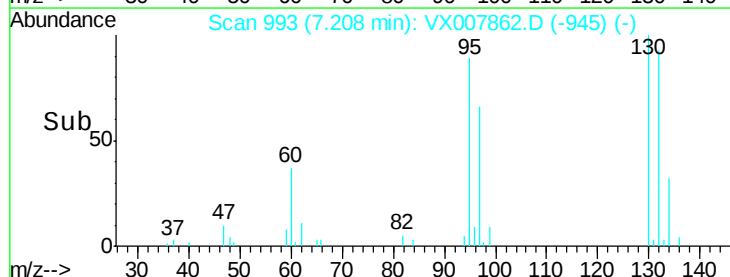
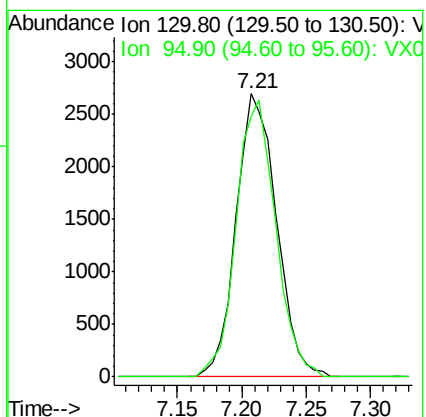
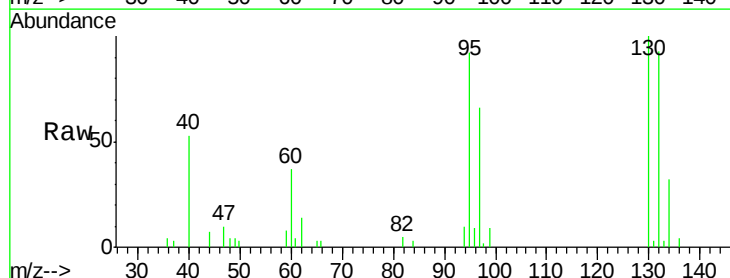
Acq: 06 Mar 2019 16:14

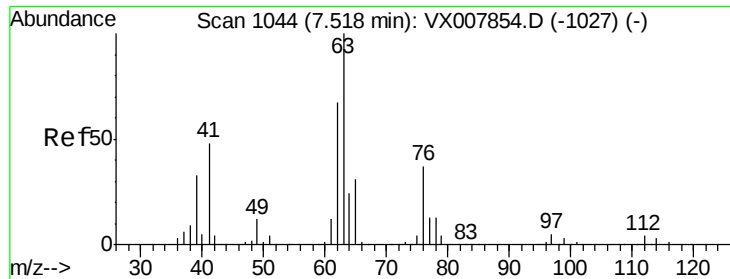
Tgt Ion: 130 Resp: 5856

Ion Ratio Lower Upper

130 100

95 91.8 0.0 188.0

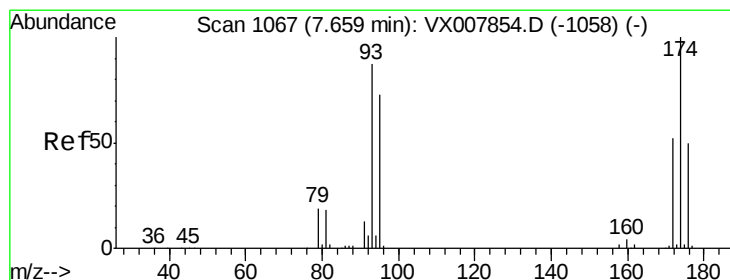
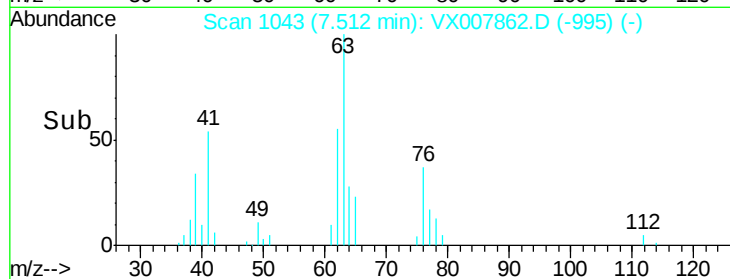
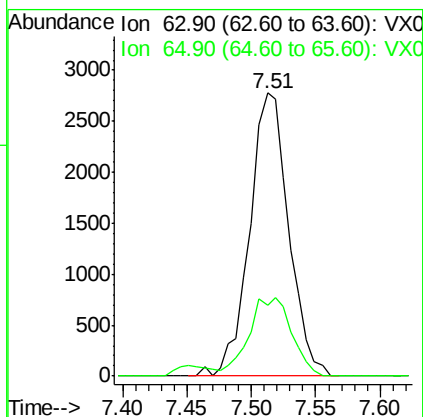
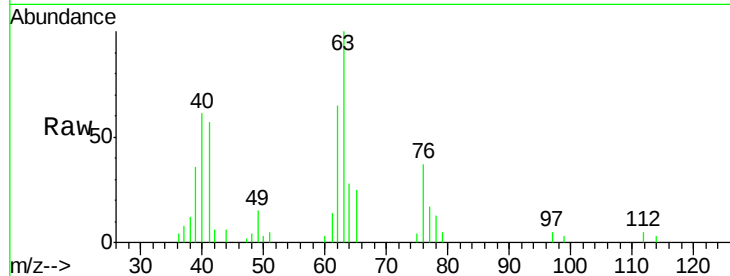




#45
 1,2-Dichloropropane
 Concen: 2.077 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: VX007862.D
 Acq: 06 Mar 2019 16:14

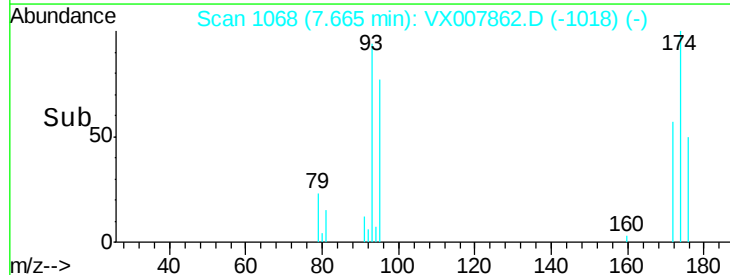
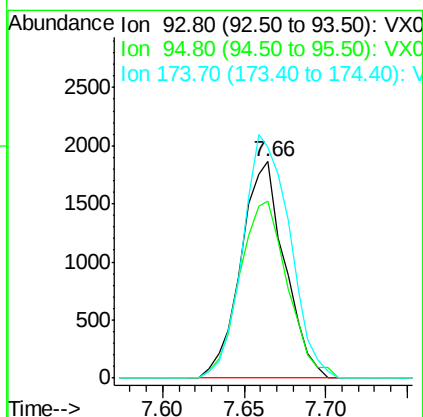
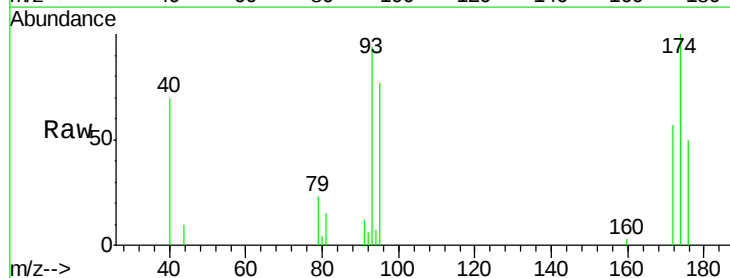
Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT1-2019

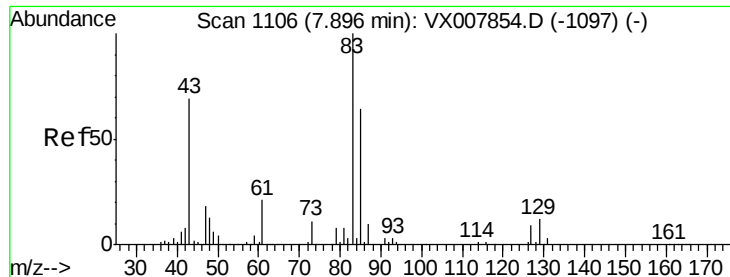
Tgt Ion: 63 Resp: 5817
 Ion Ratio Lower Upper
 63 100
 65 25.1 24.7 37.1



#46
 Dibromomethane
 Concen: 1.973 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.01 min
 Lab File: VX007862.D
 Acq: 06 Mar 2019 16:14

Tgt Ion: 93 Resp: 3497
 Ion Ratio Lower Upper
 93 100
 95 88.7 66.8 100.2
 174 120.0 97.3 145.9





#47

Bromodichloromethane

Concen: 1.961 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX007862.D

Acq: 06 Mar 2019 16:14

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2019

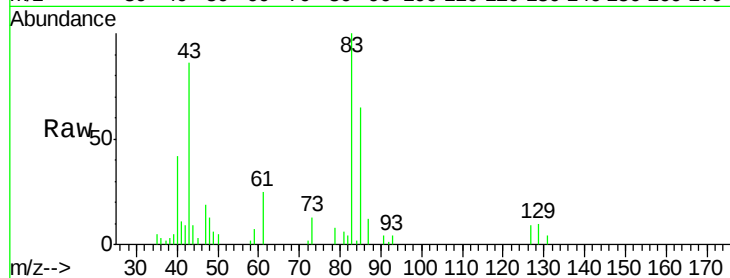
Tgt Ion: 83 Resp: 6591

Ion Ratio Lower Upper

83 100

85 65.5 50.9 76.3

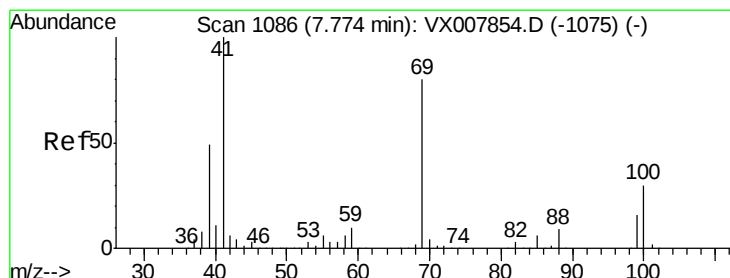
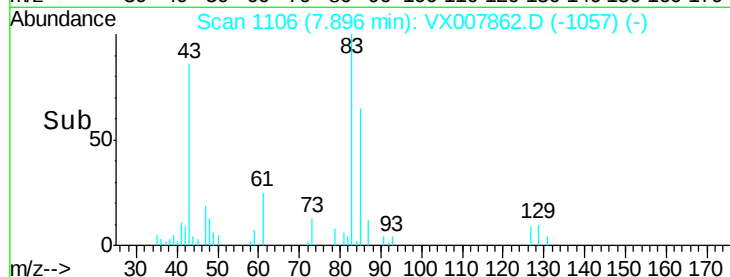
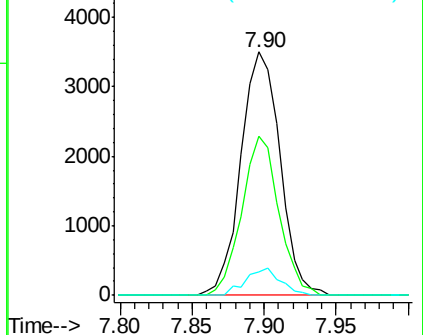
127 9.4 7.4 11.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 1.858 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX007862.D

Acq: 06 Mar 2019 16:14

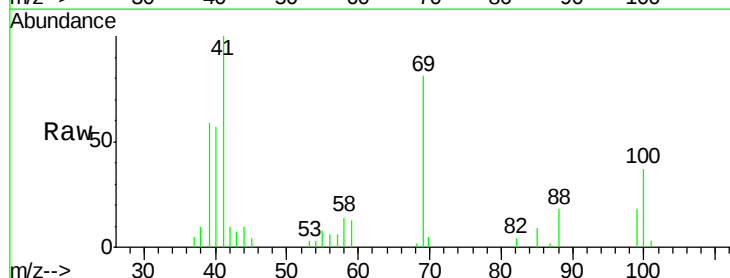
Tgt Ion: 41 Resp: 6110

Ion Ratio Lower Upper

41 100

69 80.8 65.2 97.8

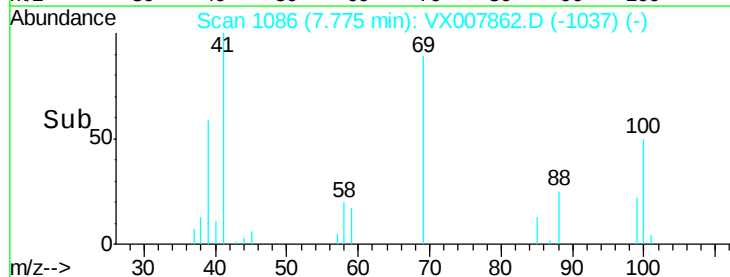
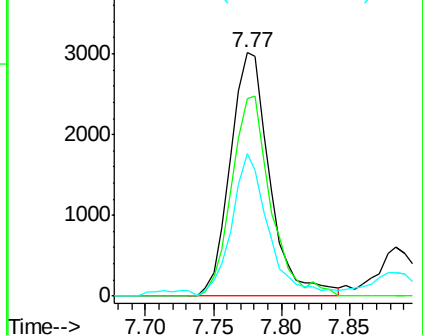
39 54.5 39.4 59.2

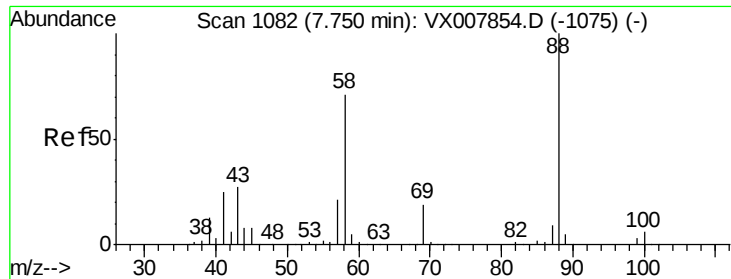


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

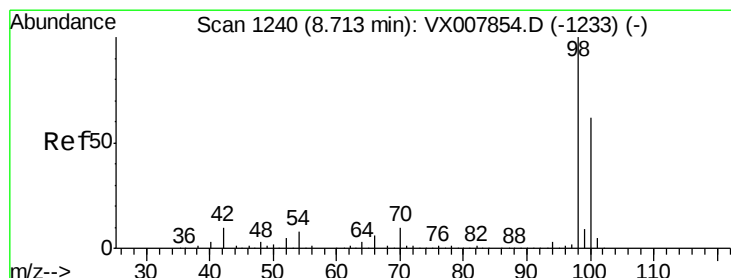
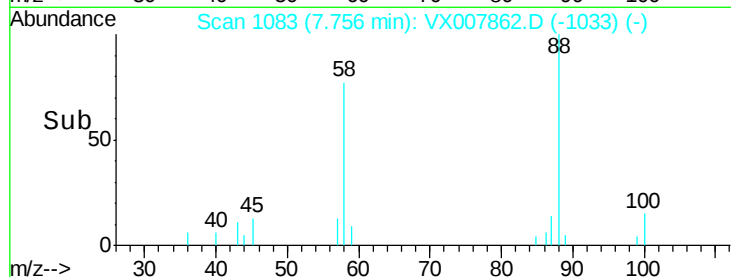
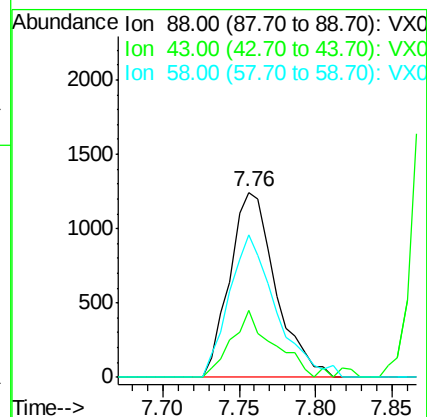
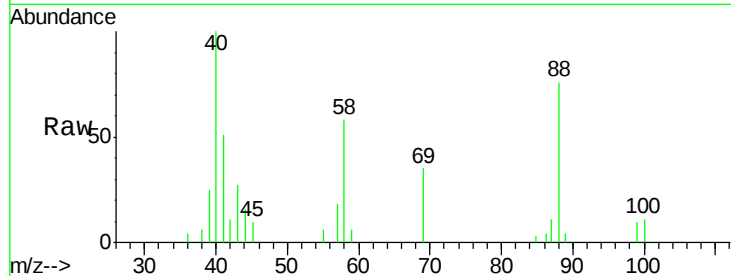




#49
1,4-Dioxane
Concen: 38.336 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. 0.01 min
Lab File: VX007862.D
Acq: 06 Mar 2019 16:14

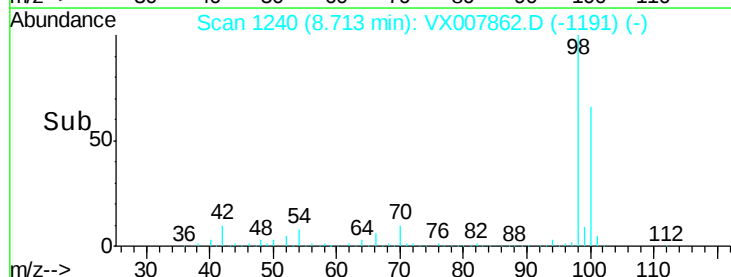
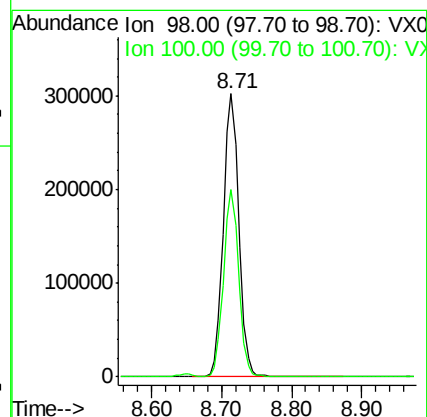
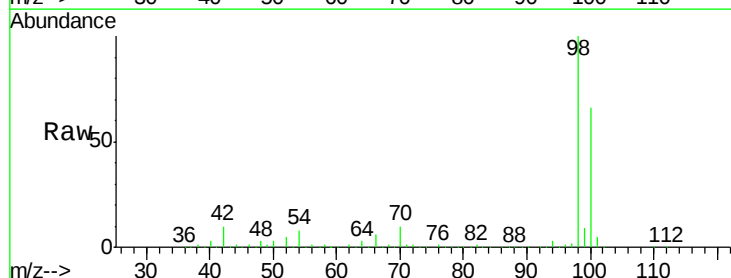
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2019

Tgt Ion: 88 Resp: 2590
Ion Ratio Lower Upper
88 100
43 32.9 25.1 37.7
58 78.3 57.8 86.6



#50
Toluene-d8
Concen: 50.519 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX007862.D
Acq: 06 Mar 2019 16:14

Tgt Ion: 98 Resp: 466832
Ion Ratio Lower Upper
98 100
100 64.5 51.7 77.5

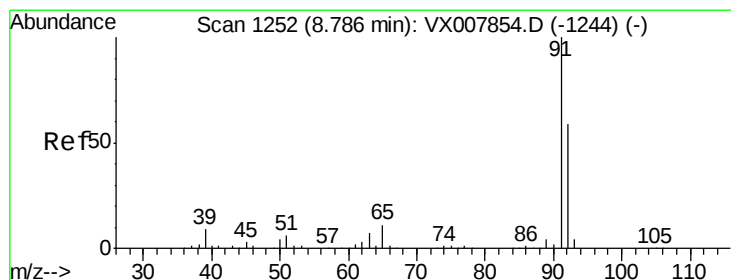
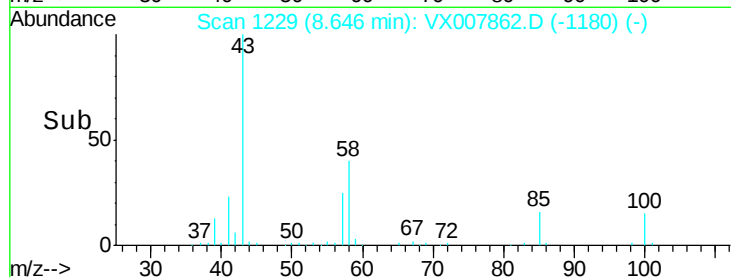
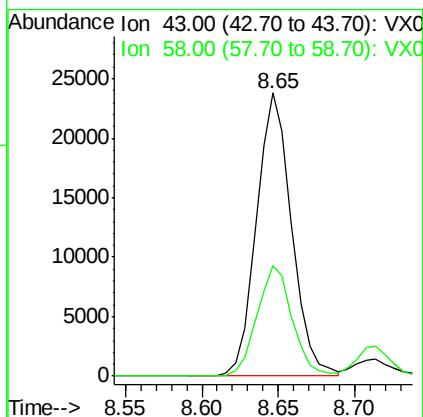
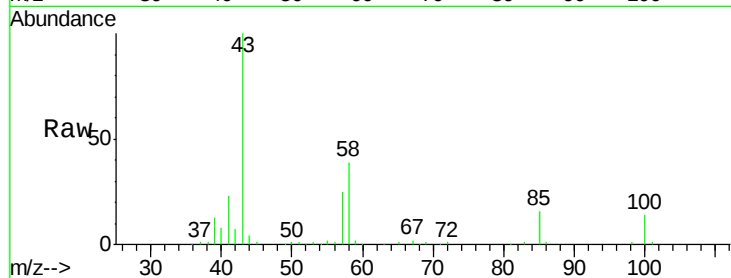




#51
4-Methyl-2-Pentanone
Concen: 9.466 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. 0.00 min
Lab File: VX007862.D
Acq: 06 Mar 2019 16:14

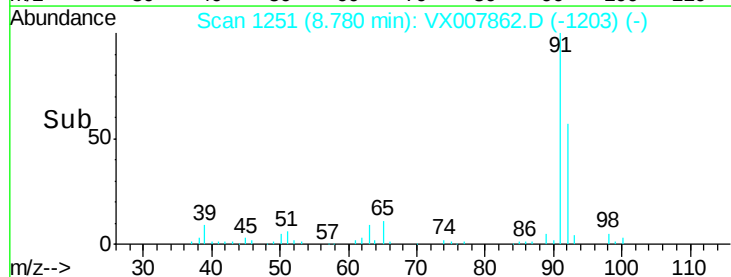
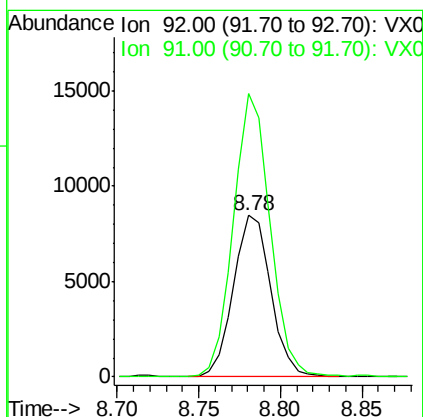
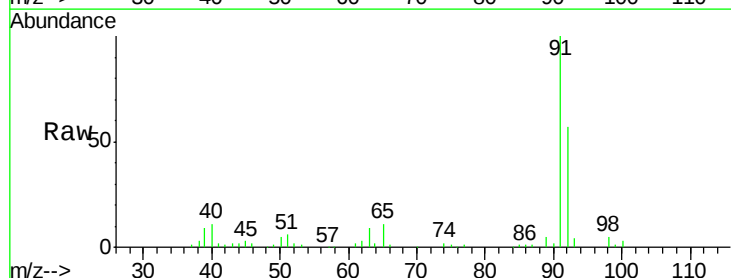
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2019

Tgt Ion: 43 Resp: 38080
Ion Ratio Lower Upper
43 100
58 38.8 31.3 46.9



#52
Toluene
Concen: 2.085 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.01 min
Lab File: VX007862.D
Acq: 06 Mar 2019 16:14

Tgt Ion: 92 Resp: 13496
Ion Ratio Lower Upper
92 100
91 172.6 137.4 206.0





#53

t-1,3-Dichloropropene

Concen: 1.653 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX007862.D

Acq: 06 Mar 2019 16:14

Instrument :

MSVOA_X

ClientSampleId :

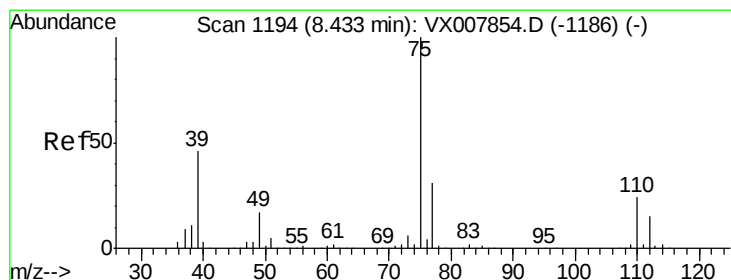
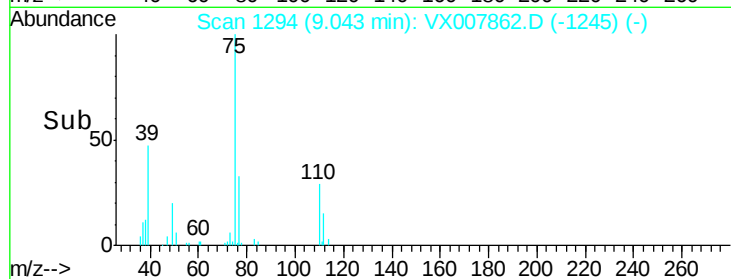
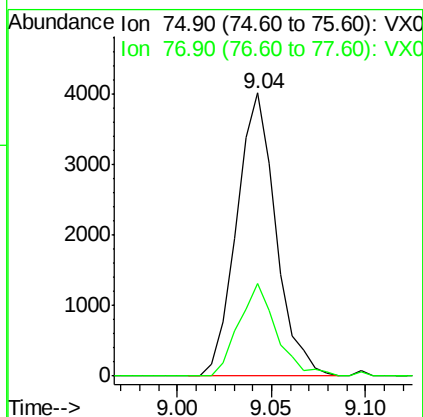
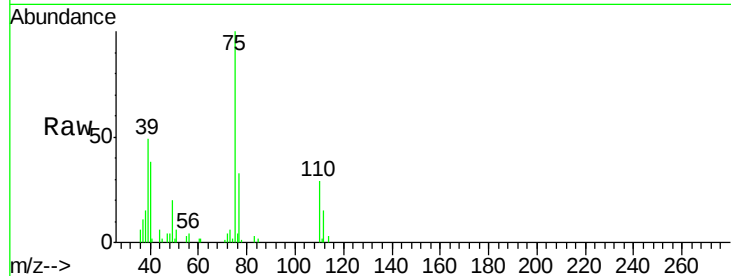
LOQ-WATER-02-QT1-2019

Tgt Ion: 75 Resp: 5798

Ion Ratio Lower Upper

75 100

77 32.5 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 1.660 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX007862.D

Acq: 06 Mar 2019 16:14

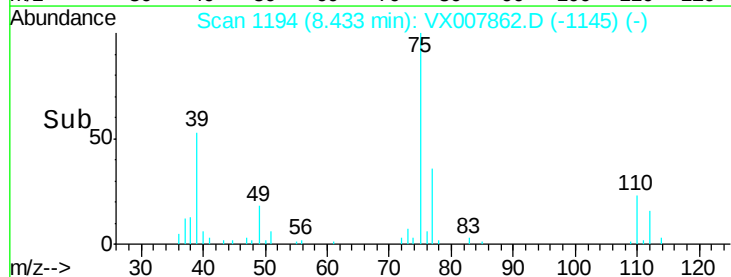
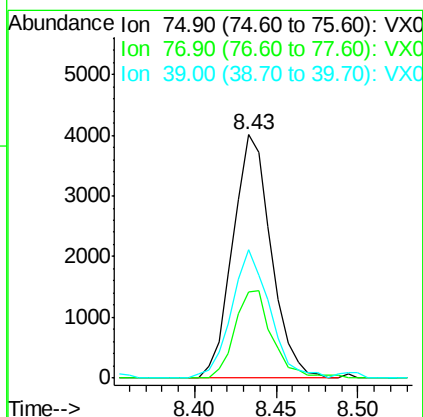
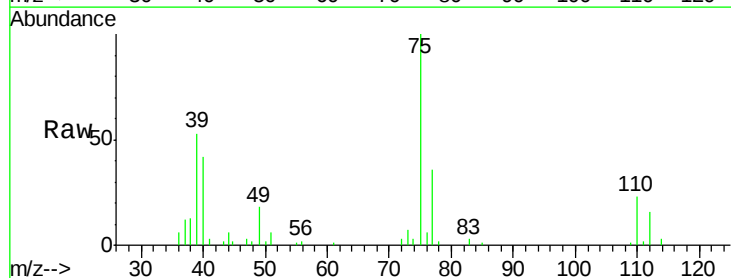
Tgt Ion: 75 Resp: 6575

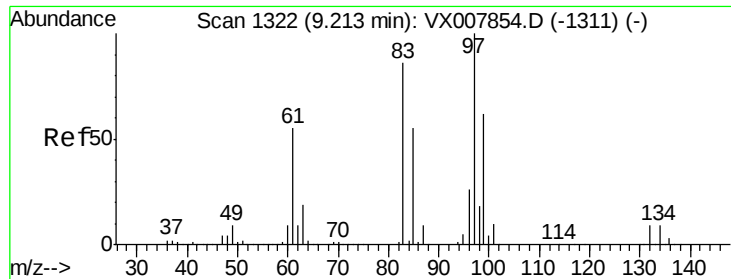
Ion Ratio Lower Upper

75 100

77 35.5 25.0 37.6

39 52.5 36.6 54.8

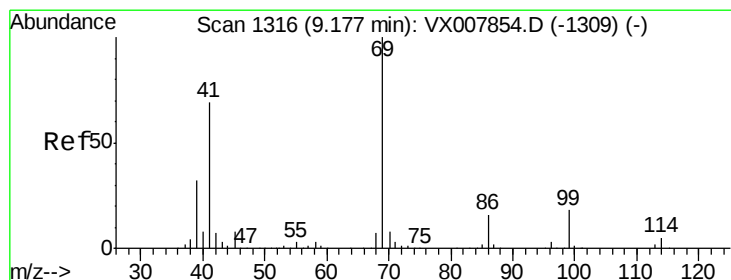
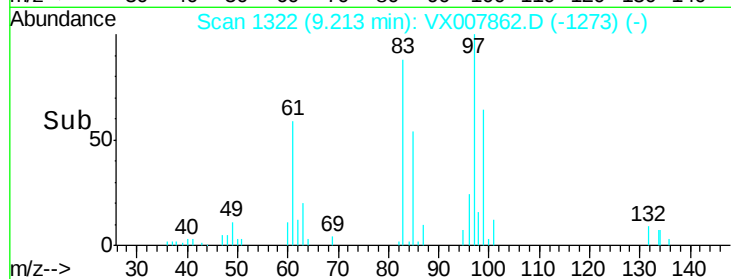
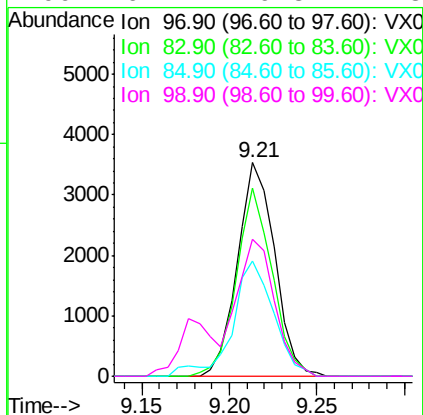
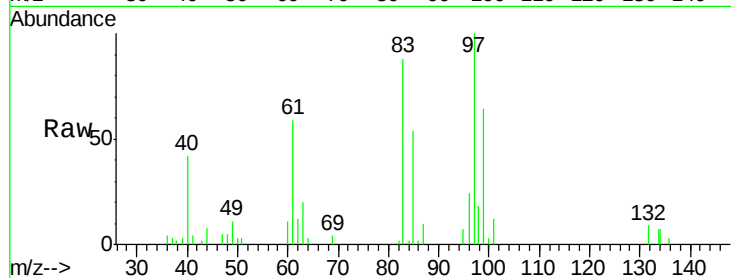




#55
 1,1,2-Trichloroethane
 Concen: 2.007 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX007862.D
 Acq: 06 Mar 2019 16:14

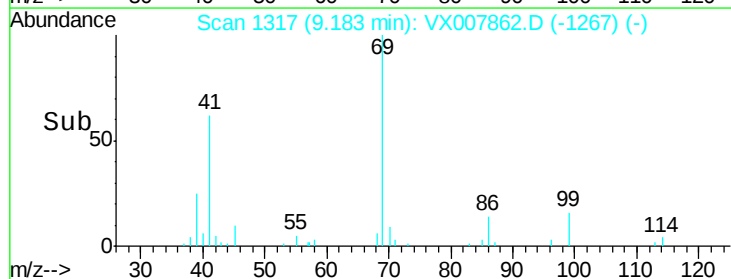
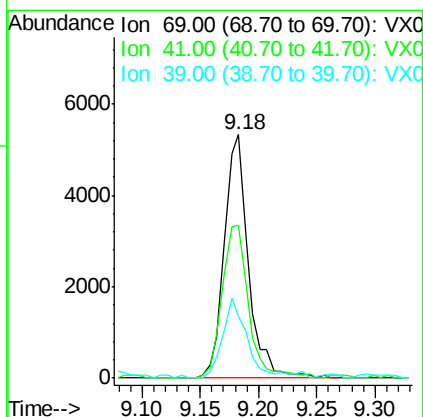
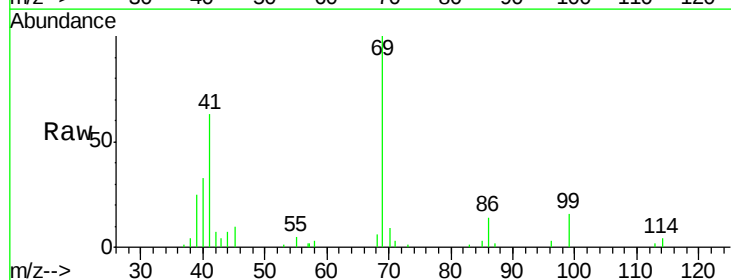
Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT1-2019

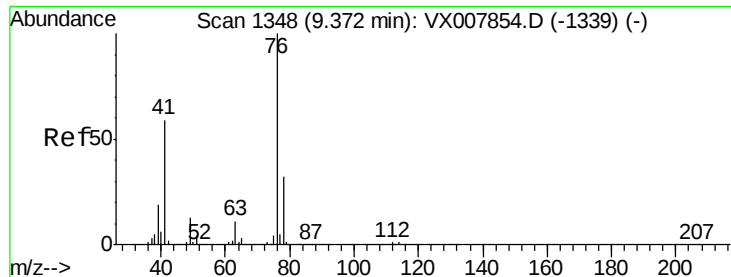
Tgt Ion:	97	Resp:	5260
Ion	Ratio	Lower	Upper
97	100		
83	88.2	69.1	103.7
85	54.0	44.3	66.5
99	64.1	49.8	74.8



#56
 Ethyl methacrylate
 Concen: 1.949 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.01 min
 Lab File: VX007862.D
 Acq: 06 Mar 2019 16:14

Tgt Ion:	69	Resp:	7668
Ion	Ratio	Lower	Upper
69	100		
41	69.2	54.2	81.4
39	34.2	25.0	37.4





#57

1,3-Dichloropropane

Concen: 2.044 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX007862.D

Acq: 06 Mar 2019 16:14

Instrument :

MSVOA_X

ClientSampleId :

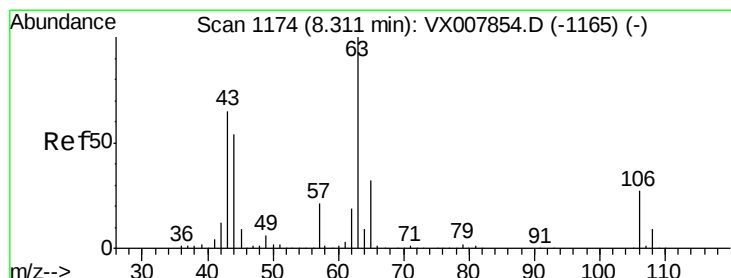
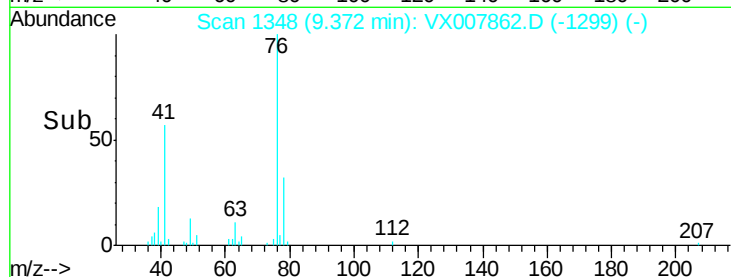
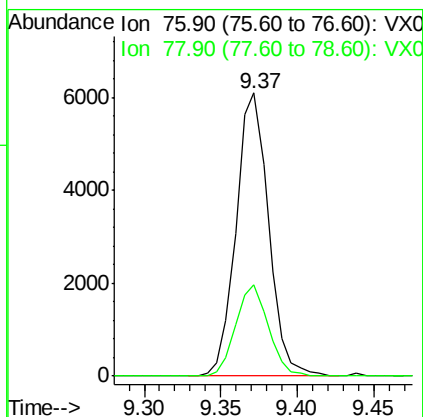
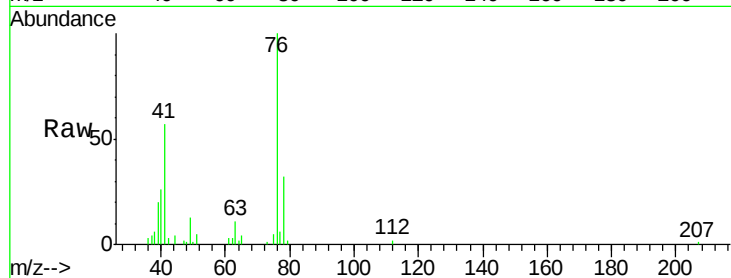
LOQ-WATER-02-QT1-2019

Tgt Ion: 76 Resp: 8995

Ion Ratio Lower Upper

76 100

78 32.1 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 10.552 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX007862.D

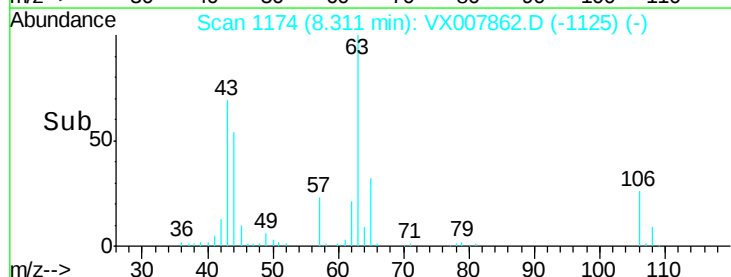
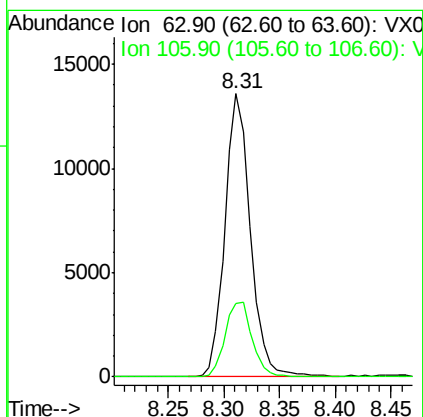
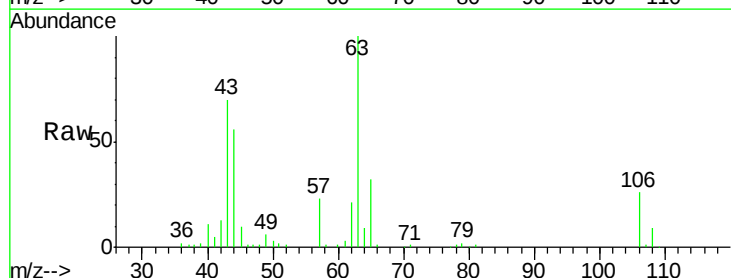
Acq: 06 Mar 2019 16:14

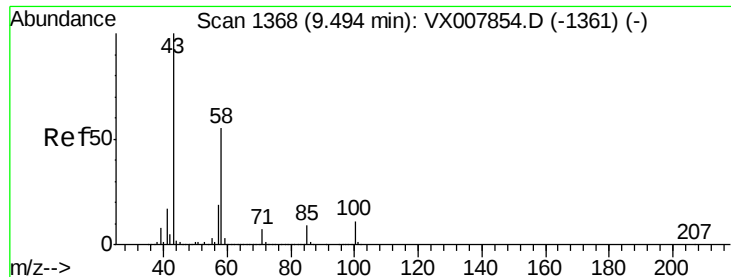
Tgt Ion: 63 Resp: 21478

Ion Ratio Lower Upper

63 100

106 28.2 22.2 33.2

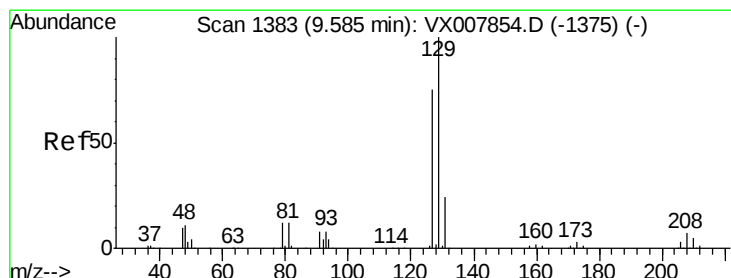
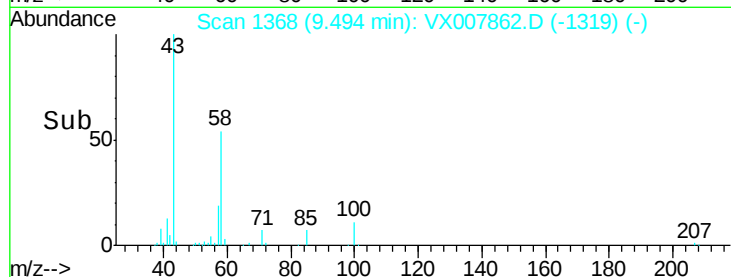
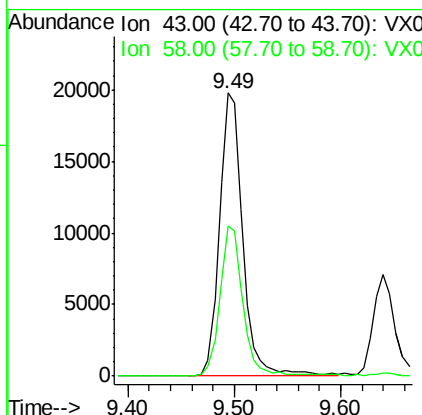
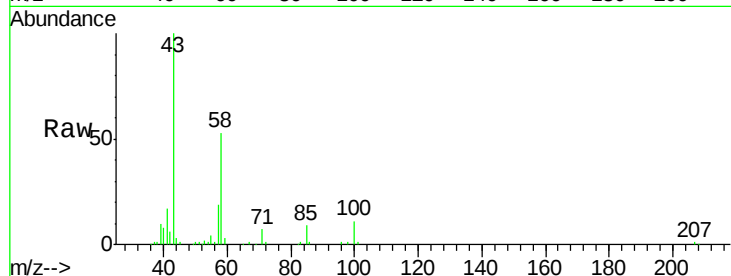




#59
2-Hexanone
Concen: 9.659 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX007862.D
Acq: 06 Mar 2019 16:14

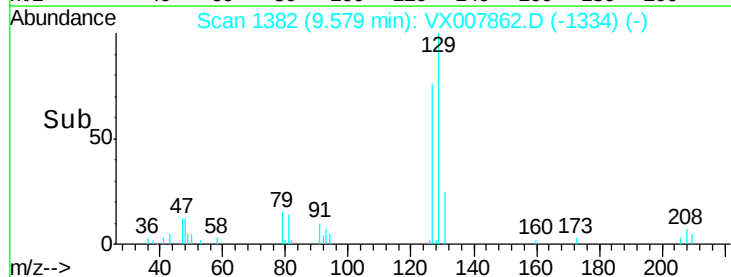
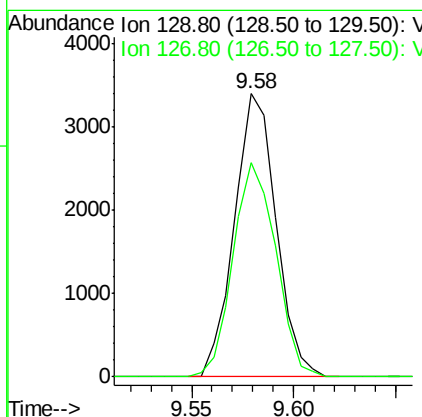
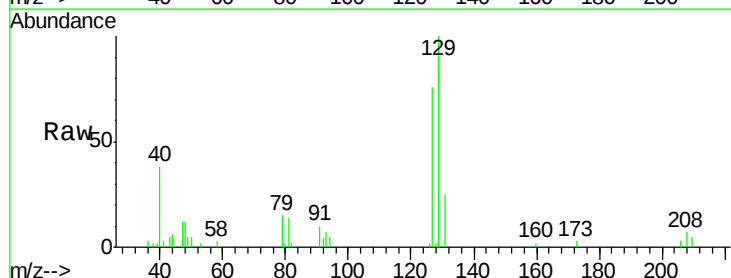
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2019

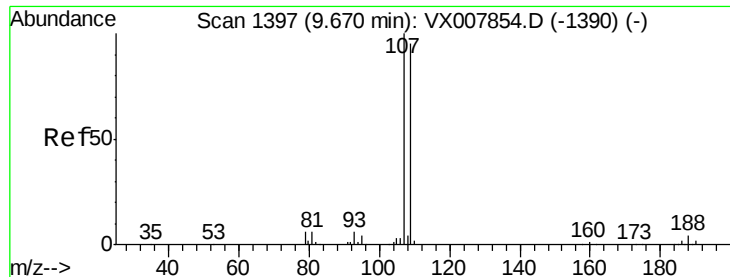
Tgt Ion: 43 Resp: 30167
Ion Ratio Lower Upper
43 100
58 52.7 27.6 82.7



#60
Dibromochloromethane
Concen: 1.758 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.01 min
Lab File: VX007862.D
Acq: 06 Mar 2019 16:14

Tgt Ion: 129 Resp: 4815
Ion Ratio Lower Upper
129 100
127 77.7 38.3 114.8





#61

1,2-Dibromoethane

Concen: 1.958 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX007862.D

Acq: 06 Mar 2019 16:14

Instrument :

MSVOA_X

ClientSampleId :

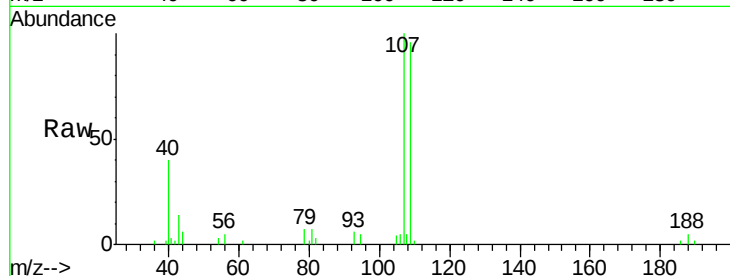
LOQ-WATER-02-QT1-2019

Tgt Ion: 107 Resp: 5447

Ion Ratio Lower Upper

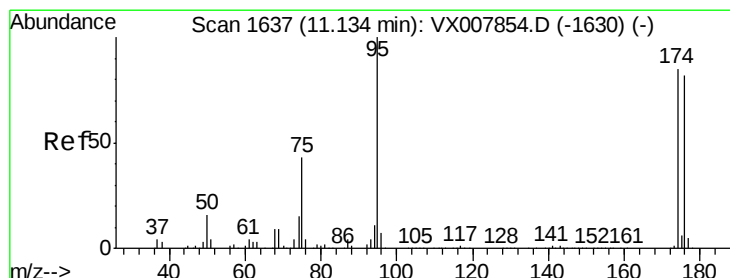
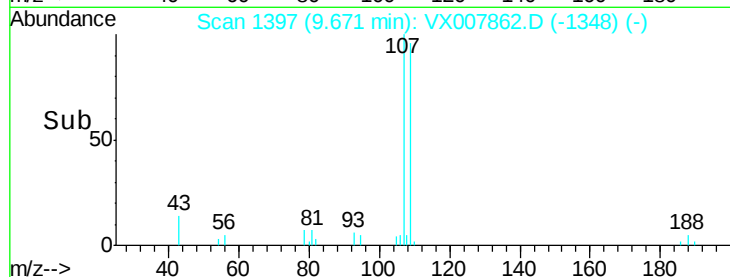
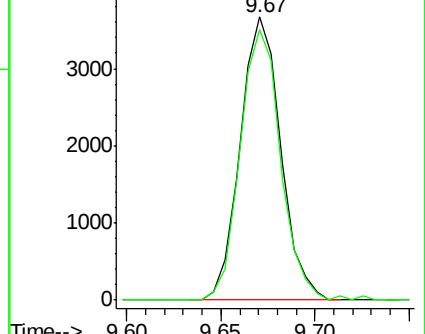
107 100

109 95.9 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.201 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007862.D

Acq: 06 Mar 2019 16:14

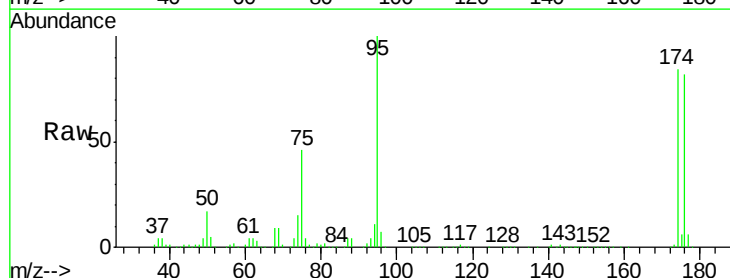
Tgt Ion: 95 Resp: 162645

Ion Ratio Lower Upper

95 100

174 90.0 0.0 182.8

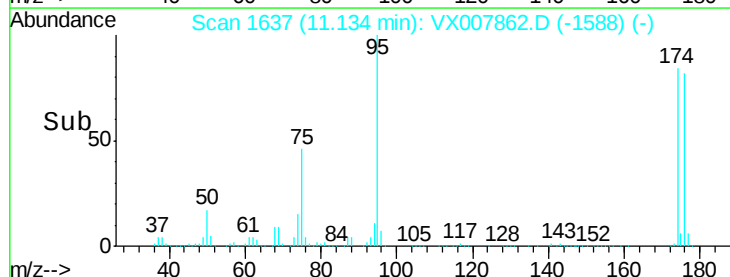
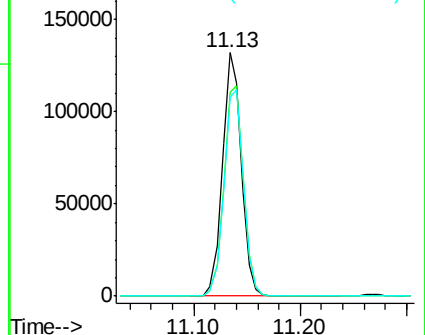
176 88.2 0.0 178.0

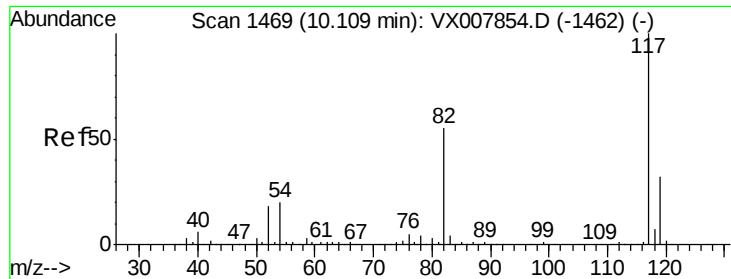


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

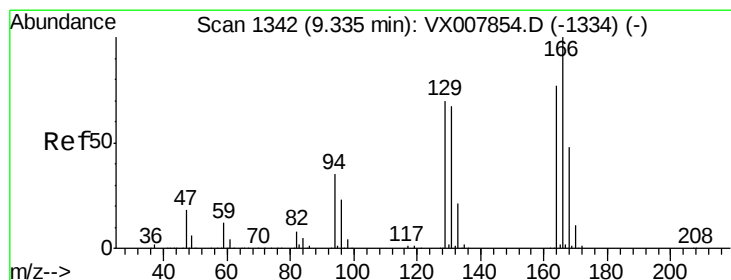
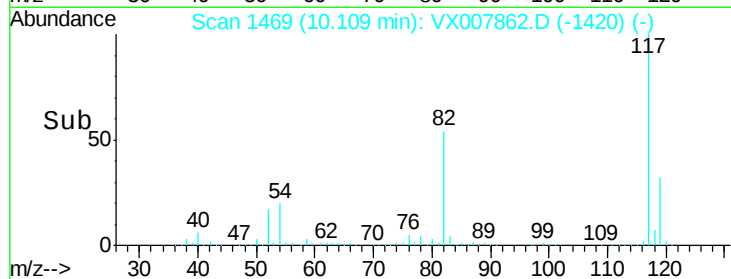
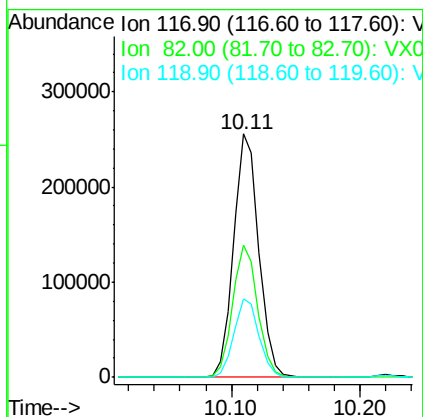
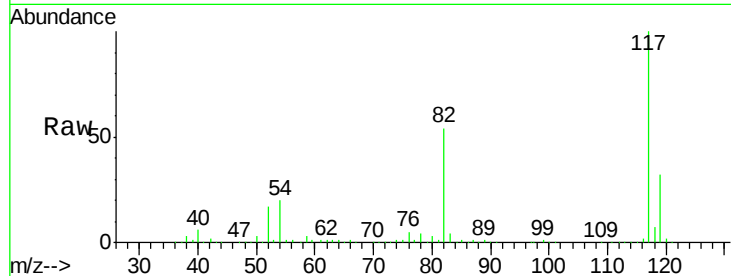




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX007862.D
Acq: 06 Mar 2019 16:14

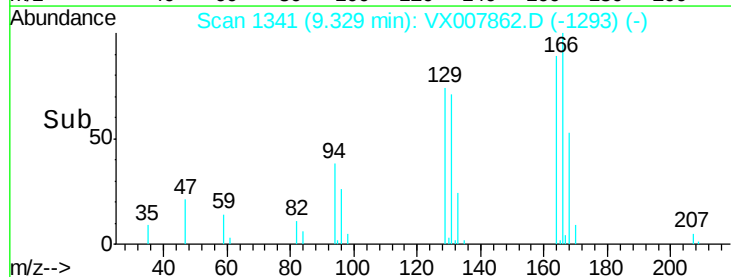
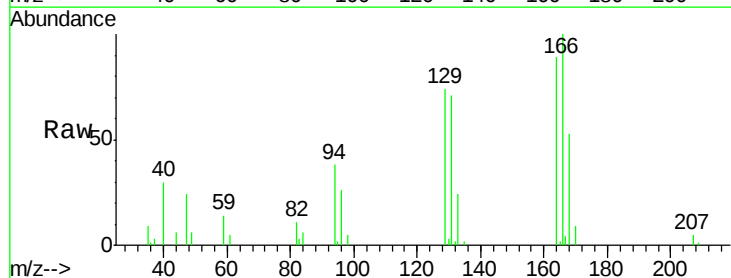
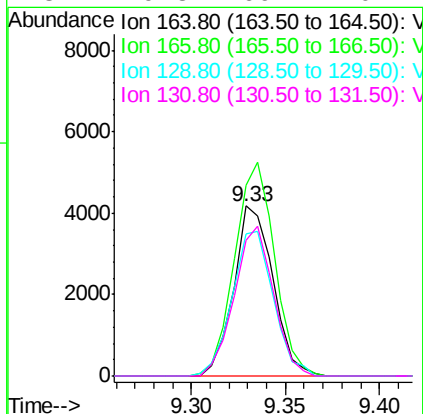
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2019

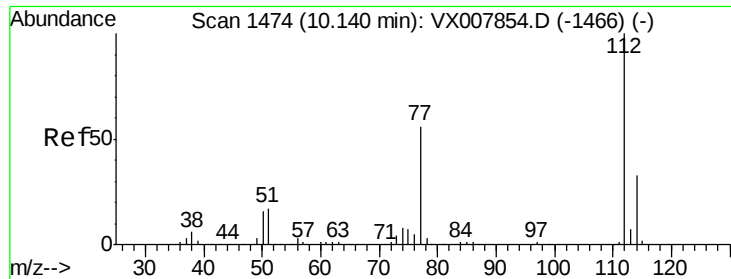
Tgt Ion:117 Resp: 347595
Ion Ratio Lower Upper
117 100
82 54.3 44.3 66.5
119 32.0 25.3 37.9



#64
Tetrachloroethene
Concen: 2.097 ug/l
RT: 9.33 min Scan# 1341
Delta R.T. -0.01 min
Lab File: VX007862.D
Acq: 06 Mar 2019 16:14

Tgt Ion:164 Resp: 6039
Ion Ratio Lower Upper
164 100
166 112.3 103.4 155.0
129 83.4 72.2 108.4
131 79.8 69.4 104.2

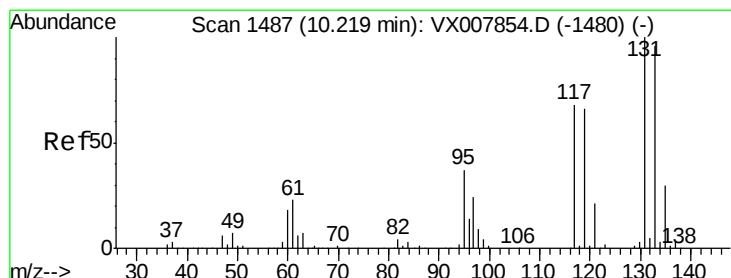
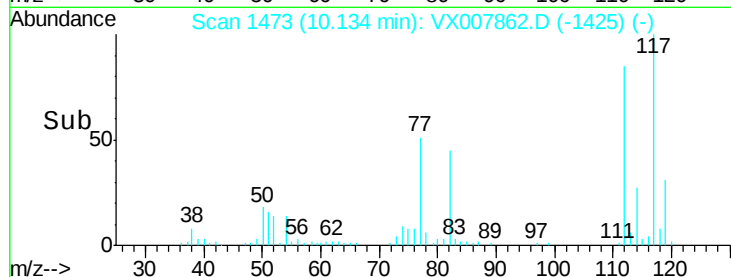
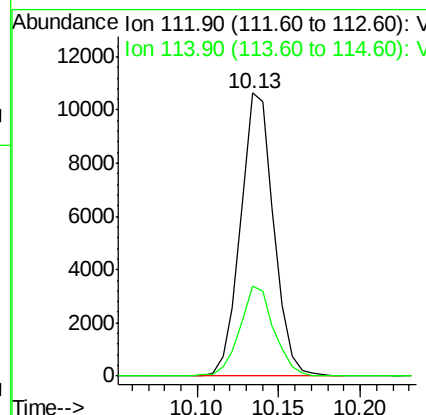
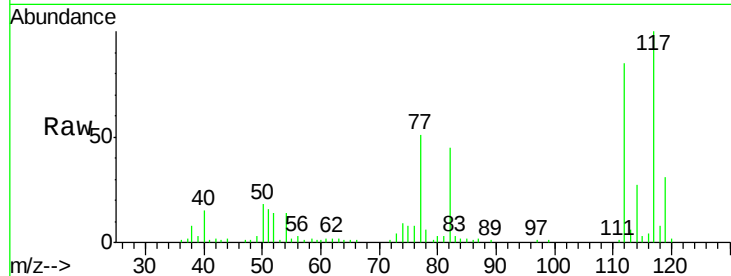




#65
Chlorobenzene
Concen: 2.066 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.01 min
Lab File: VX007862.D
Acq: 06 Mar 2019 16:14

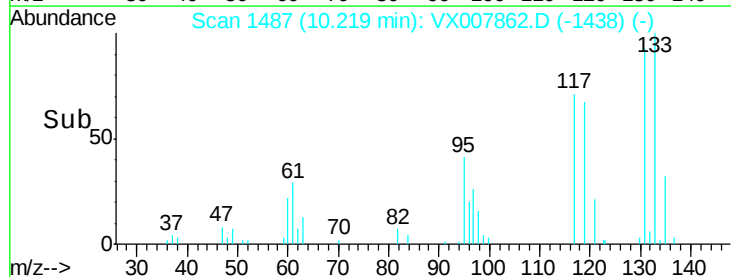
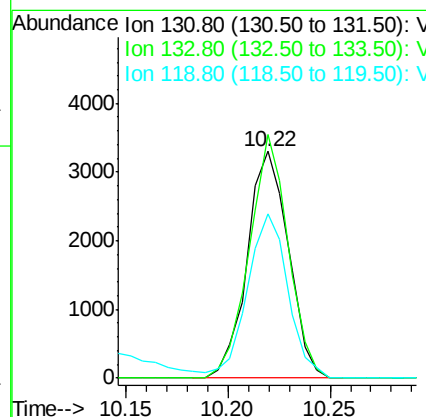
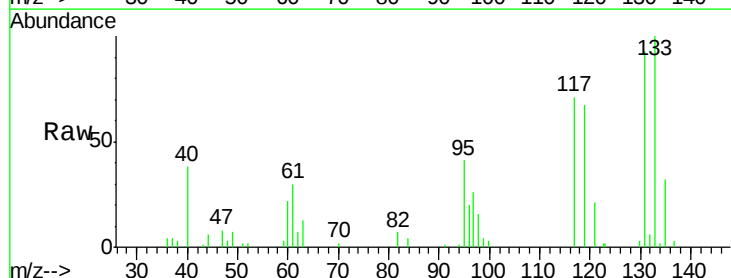
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2019

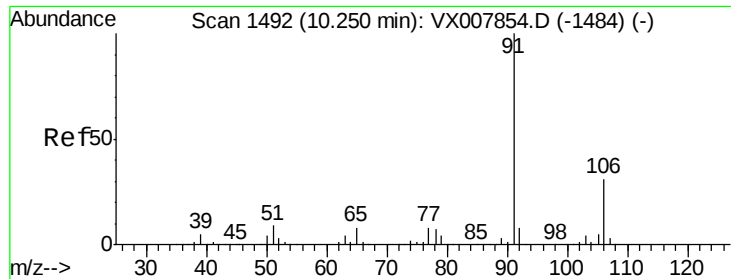
Tgt Ion:112 Resp: 15029
Ion Ratio Lower Upper
112 100
114 31.7 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 1.773 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX007862.D
Acq: 06 Mar 2019 16:14

Tgt Ion:131 Resp: 4623
Ion Ratio Lower Upper
131 100
133 101.8 47.8 143.3
119 0.0 32.5 97.5#

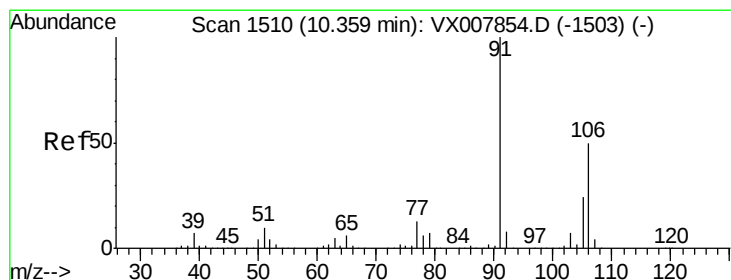
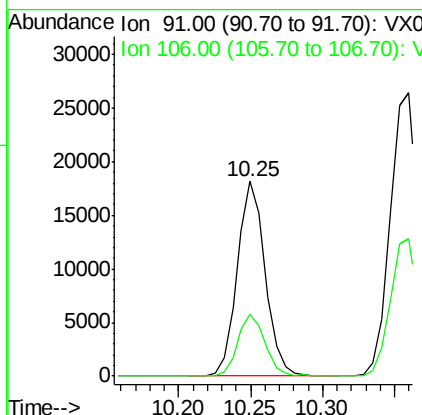
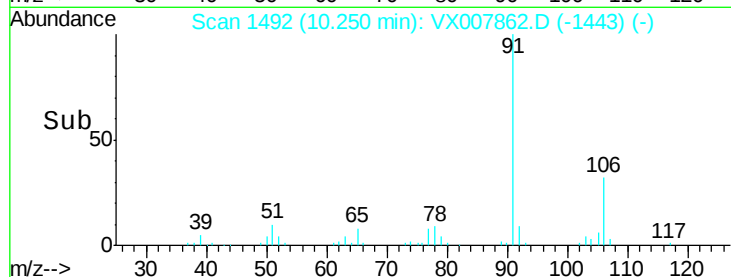
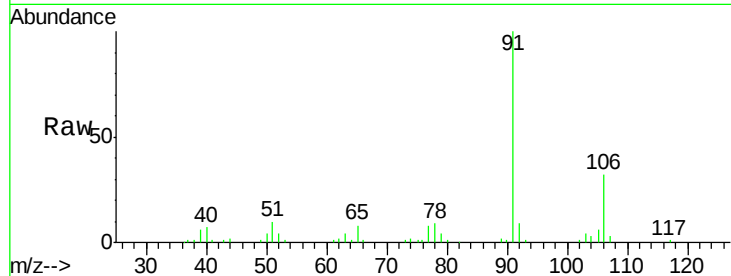




#67
Ethyl Benzene
Concen: 2.046 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX007862.D
Acq: 06 Mar 2019 16:14

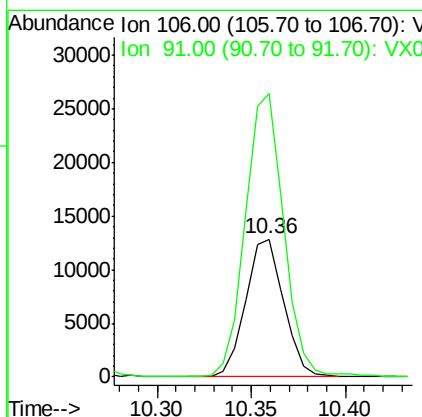
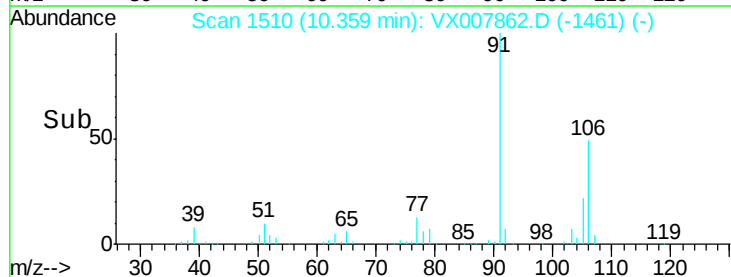
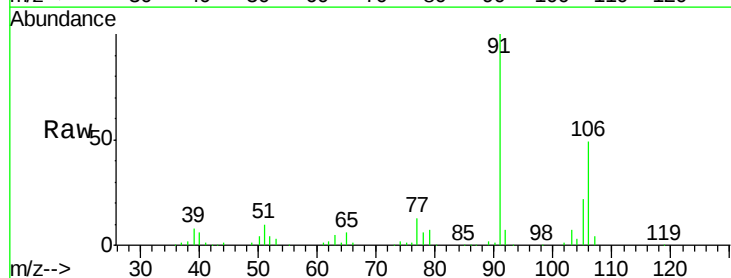
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2019

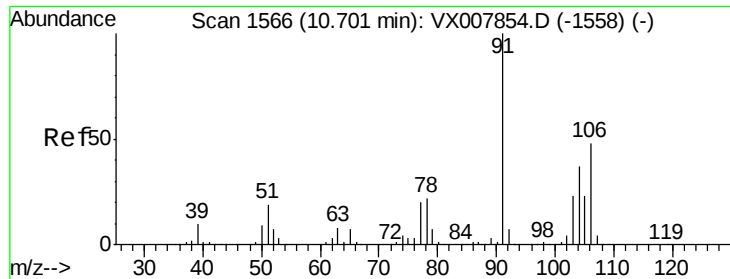
Tgt Ion: 91 Resp: 24500
Ion Ratio Lower Upper
91 100
106 32.0 25.2 37.8



#68
m/p-Xylenes
Concen: 3.896 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX007862.D
Acq: 06 Mar 2019 16:14

Tgt Ion: 106 Resp: 17982
Ion Ratio Lower Upper
106 100
91 206.5 159.8 239.6

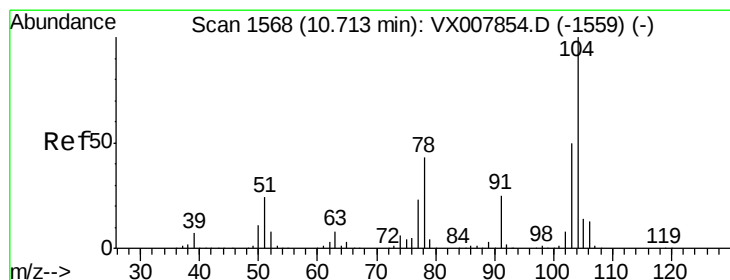
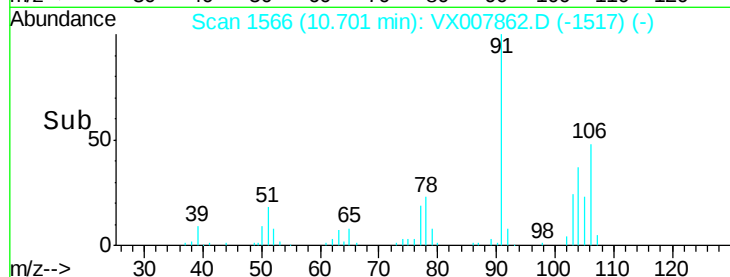
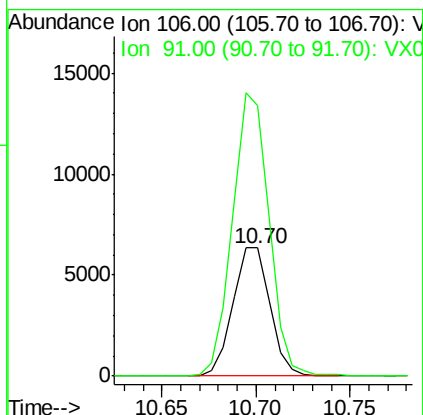
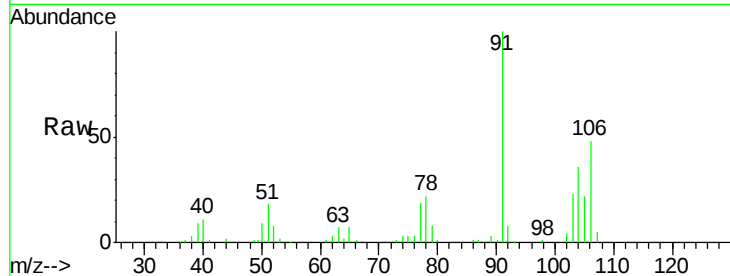




#69
o-Xylene
Concen: 1.954 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX007862.D
Acq: 06 Mar 2019 16:14

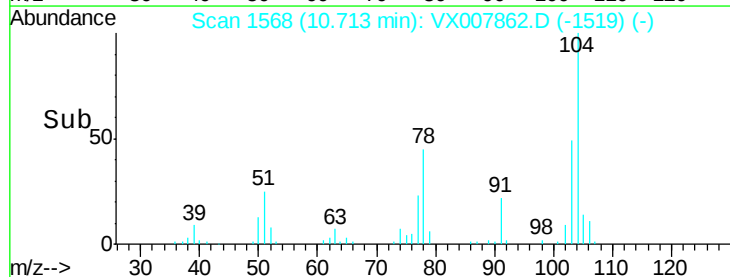
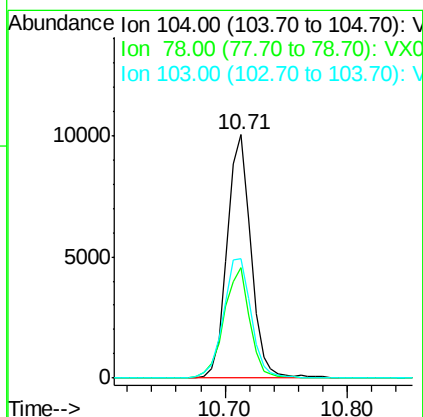
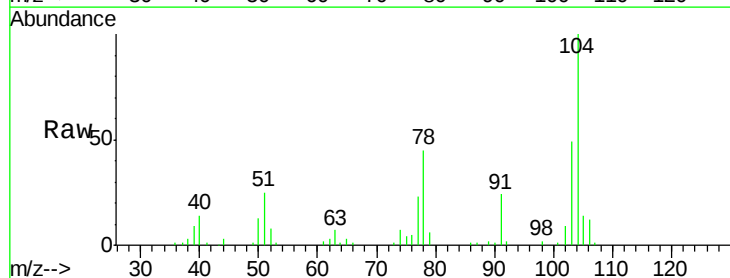
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2019

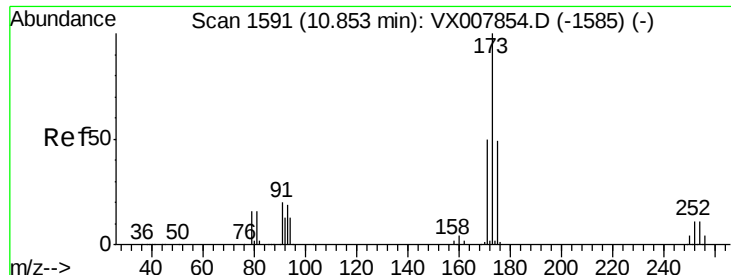
Tgt Ion:106 Resp: 8705
Ion Ratio Lower Upper
106 100
91 216.7 106.3 318.9



#70
Styrene
Concen: 1.857 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX007862.D
Acq: 06 Mar 2019 16:14

Tgt Ion:104 Resp: 13542
Ion Ratio Lower Upper
104 100
78 49.2 38.5 57.7
103 56.8 44.1 66.1





#71

Bromoform

Concen: 1.638 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.01 min

Lab File: VX007862.D

Acq: 06 Mar 2019 16:14

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2019

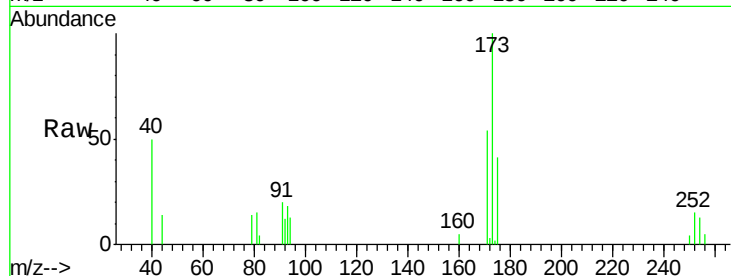
Tgt Ion:173 Resp: 3667

Ion Ratio Lower Upper

173 100

175 47.6 24.3 72.9

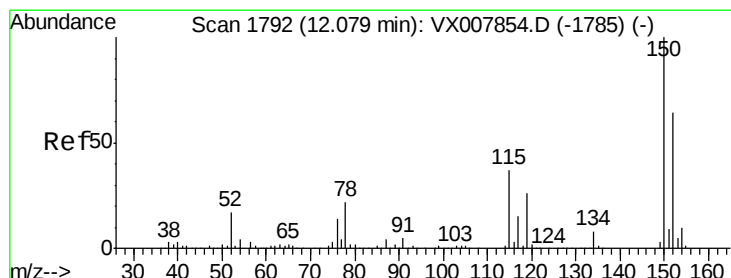
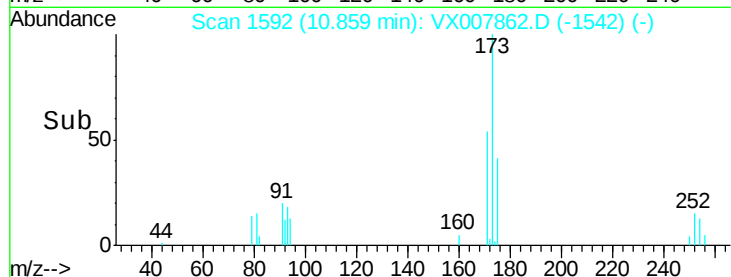
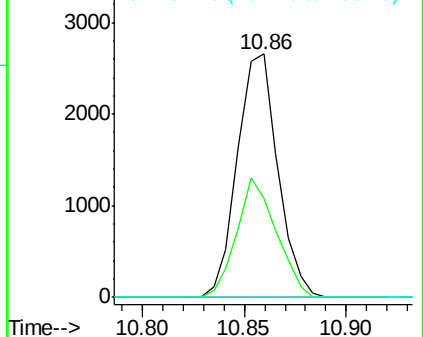
254 0.0 0.1 0.1#



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: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX007862.D

Acq: 06 Mar 2019 16:14

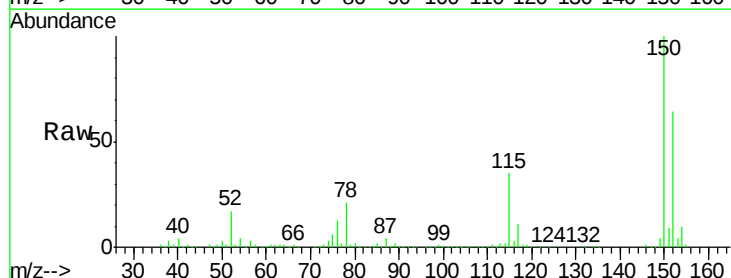
Tgt Ion:152 Resp: 172661

Ion Ratio Lower Upper

152 100

115 56.4 38.6 115.7

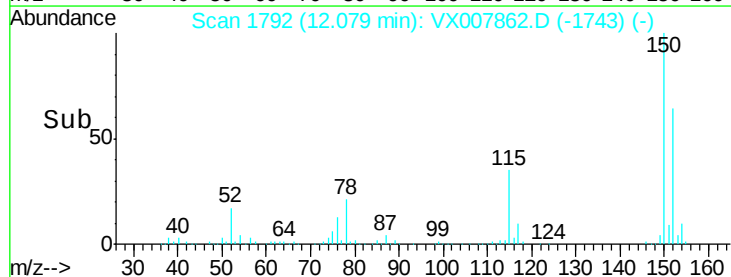
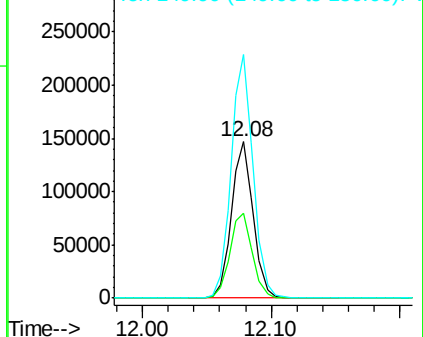
150 157.2 0.0 348.4



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: 2.003 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX007862.D

Acq: 06 Mar 2019 16:14

Instrument :

MSVOA_X

ClientSampleId :

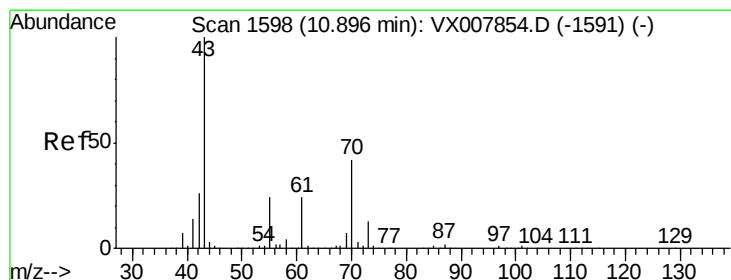
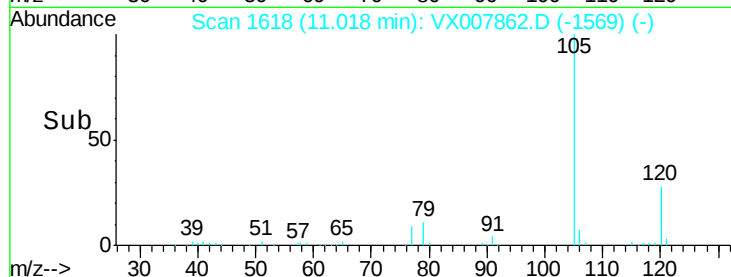
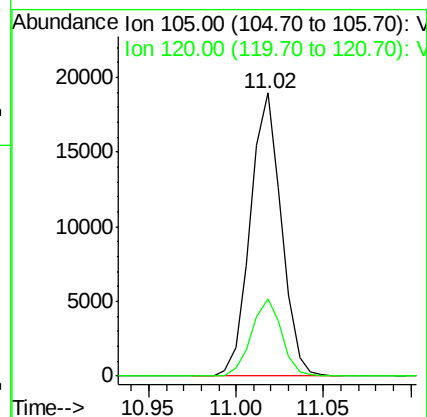
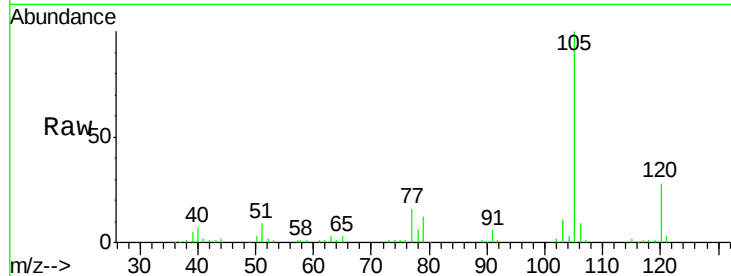
LOQ-WATER-02-QT1-2019

Tgt Ion: 105 Resp: 23393

Ion Ratio Lower Upper

105 100

120 26.5 13.4 40.1



#74

N-ethyl acetate

Concen: 1.791 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX007862.D

Acq: 06 Mar 2019 16:14

Tgt Ion: 43 Resp: 9547

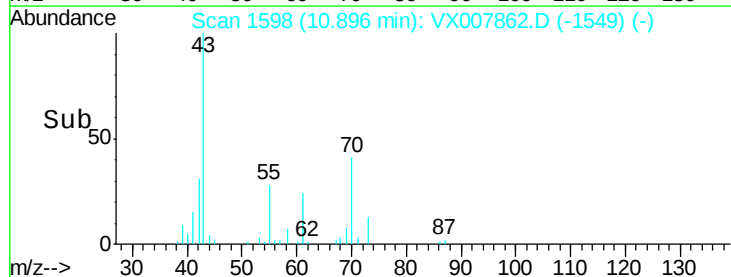
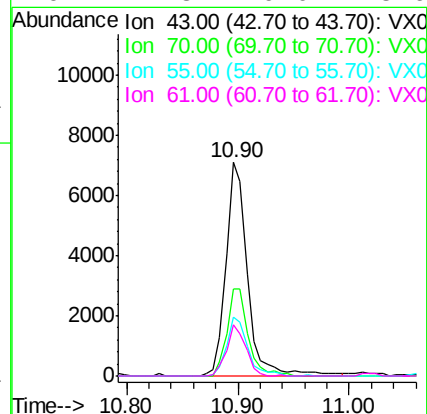
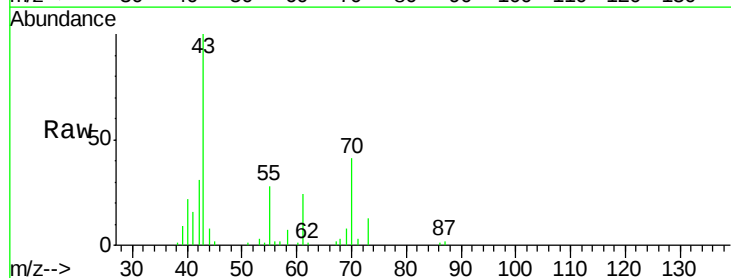
Ion Ratio Lower Upper

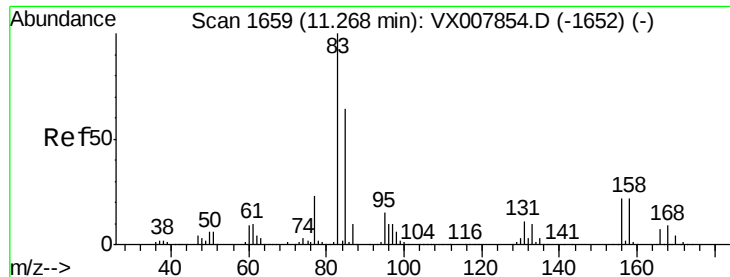
43 100

70 40.2 33.5 50.3

55 26.7 19.2 28.8

61 21.3 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 2.022 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX007862.D

Acq: 06 Mar 2019 16:14

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2019

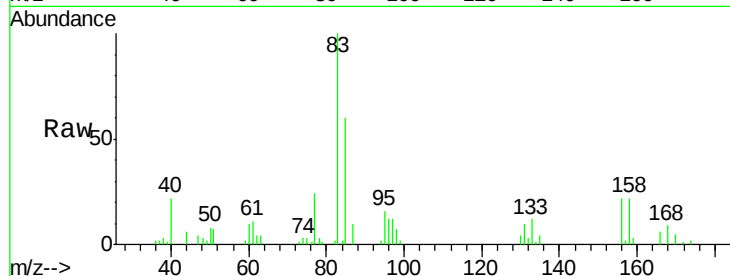
Tgt Ion: 83 Resp: 8144

Ion Ratio Lower Upper

83 100

131 11.1 5.4 16.2

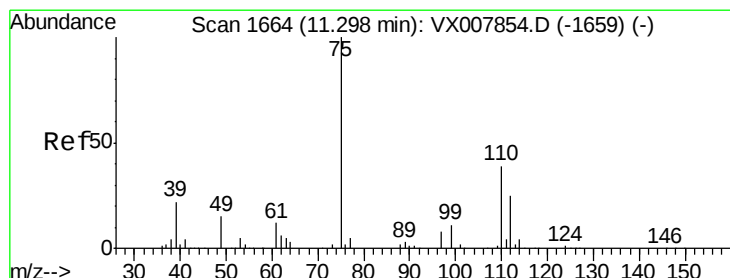
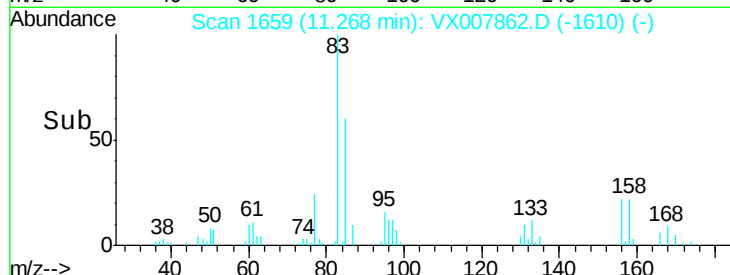
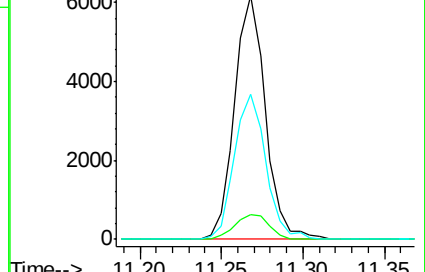
85 60.9 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 2.305 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX007862.D

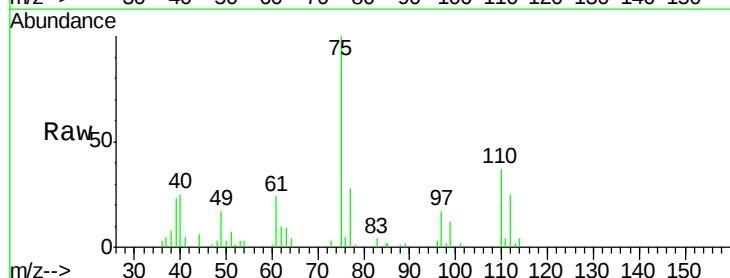
Acq: 06 Mar 2019 16:14

Tgt Ion: 75 Resp: 8350

Ion Ratio Lower Upper

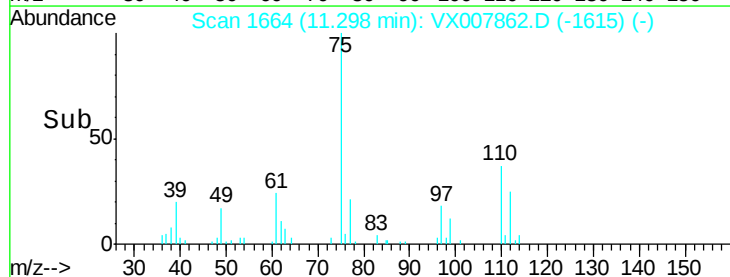
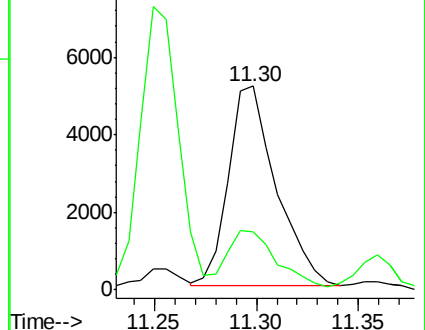
75 100

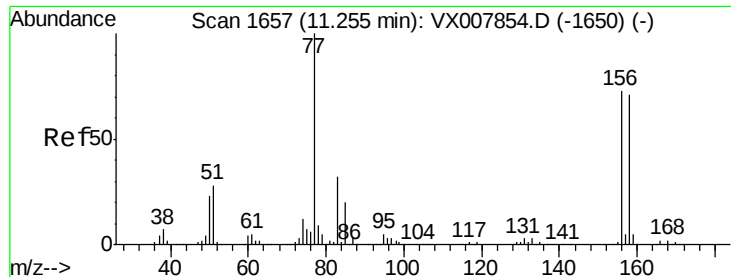
77 30.5 18.9 56.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 2.023 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX007862.D

Acq: 06 Mar 2019 16:14

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2019

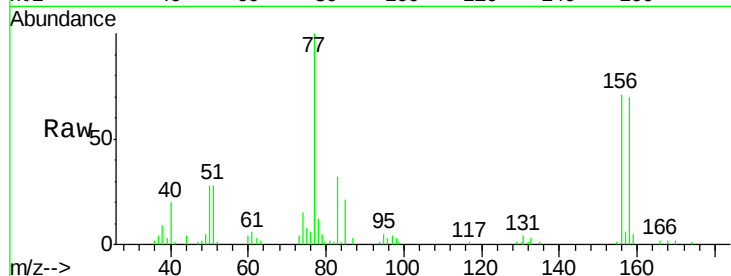
Tgt Ion: 156 Resp: 6477

Ion Ratio Lower Upper

156 100

77 147.4 72.0 215.9

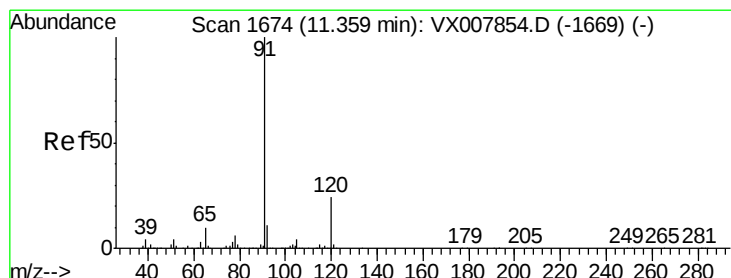
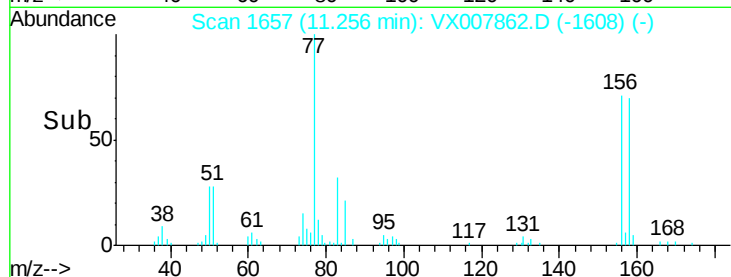
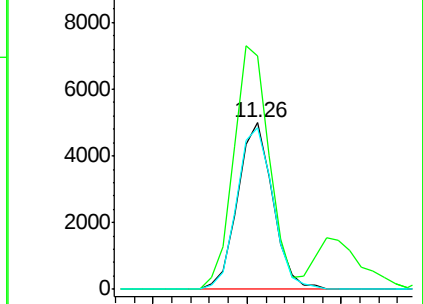
158 99.7 48.6 145.9



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: 1.994 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX007862.D

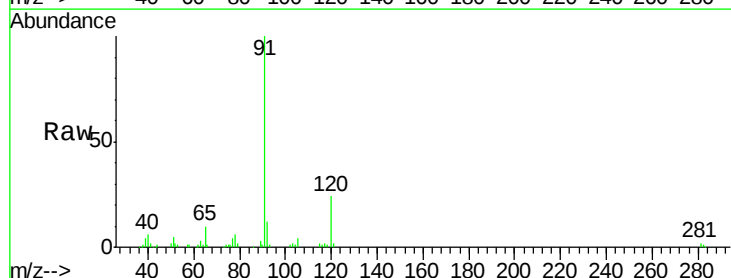
Acq: 06 Mar 2019 16:14

Tgt Ion: 91 Resp: 25835

Ion Ratio Lower Upper

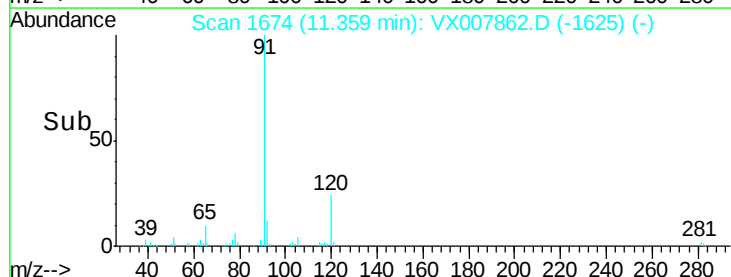
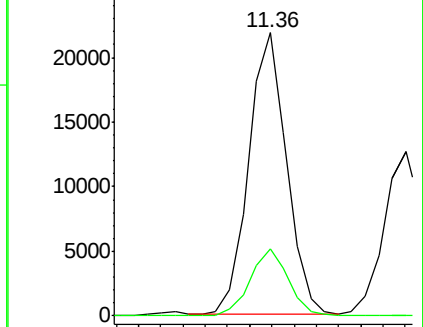
91 100

120 23.8 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

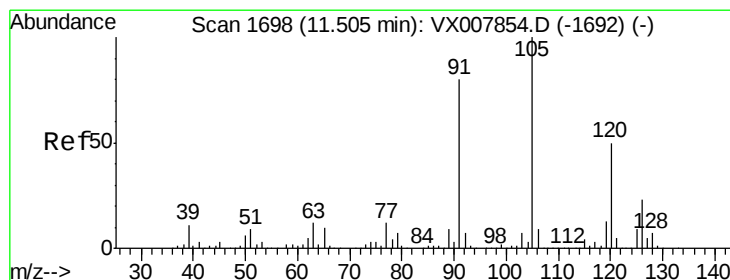
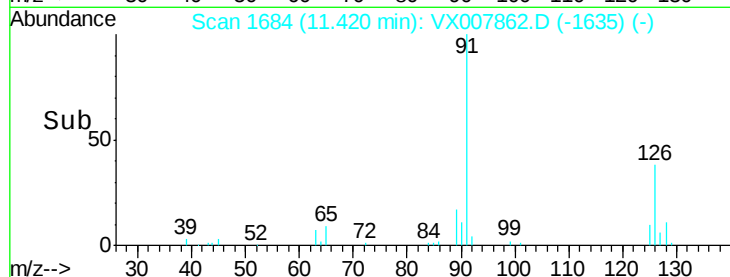
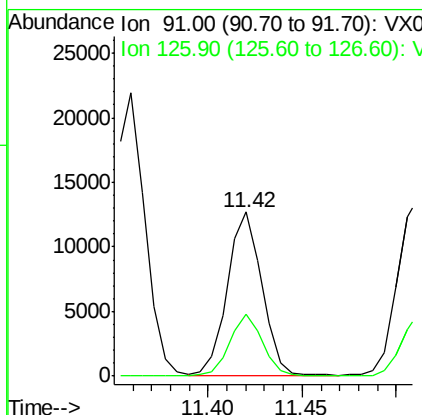
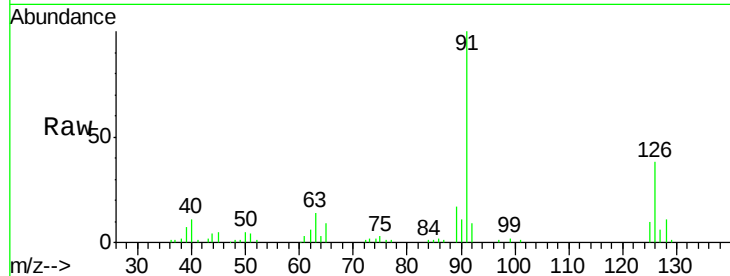




#79
 2-Chlorotoluene
 Concen: 2.028 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX007862.D
 Acq: 06 Mar 2019 16:14

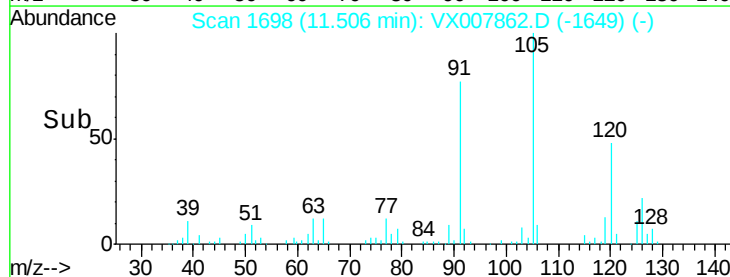
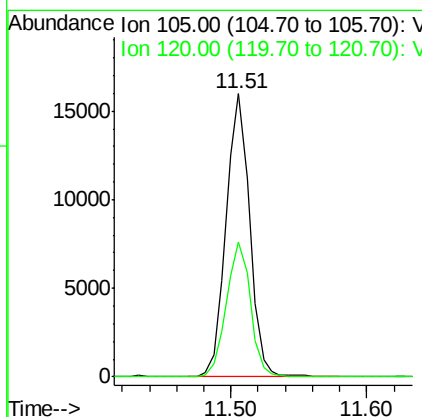
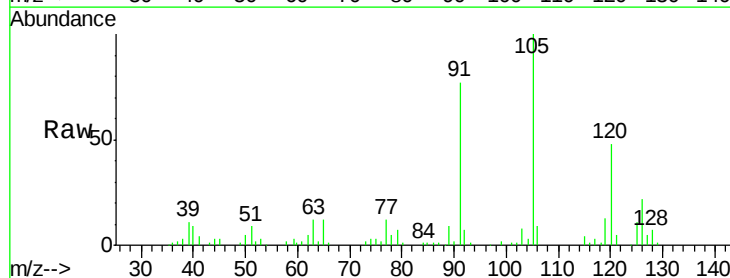
Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT1-2019

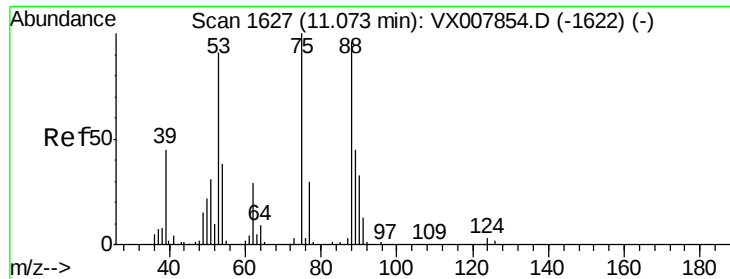
Tgt Ion: 91 Resp: 16067
 Ion Ratio Lower Upper
 91 100
 126 36.2 17.5 52.6



#80
 1,3,5-Trimethylbenzene
 Concen: 1.997 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX007862.D
 Acq: 06 Mar 2019 16:14

Tgt Ion: 105 Resp: 19192
 Ion Ratio Lower Upper
 105 100
 120 48.7 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 65.597 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX007862.D

Acq: 06 Mar 2019 16:14

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2019

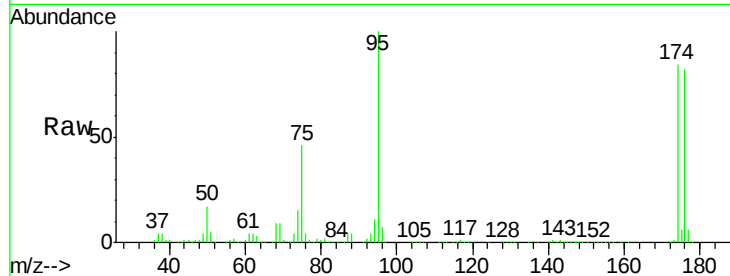
Tgt Ion: 75 Resp: 74353

Ion Ratio Lower Upper

75 100

53 0.0 76.1 114.1#

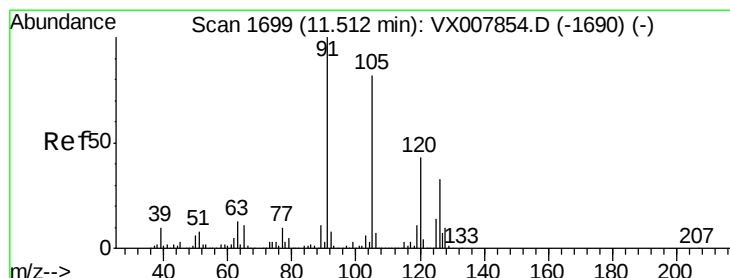
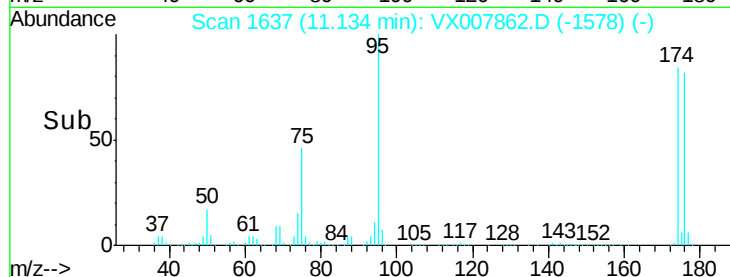
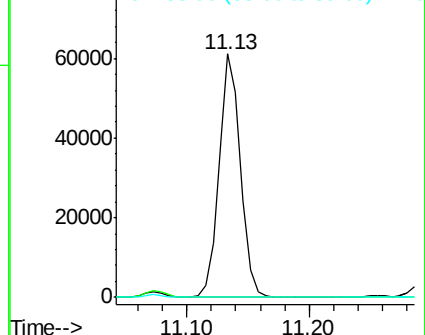
89 0.0 36.3 54.5#



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: 2.020 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX007862.D

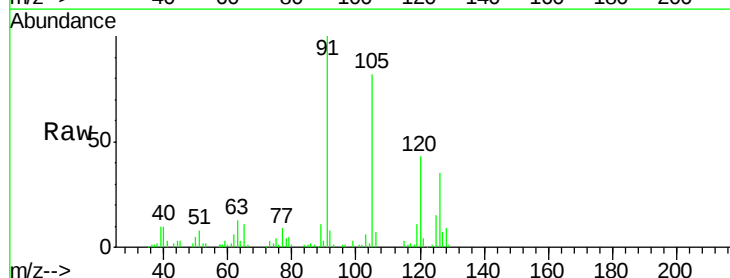
Acq: 06 Mar 2019 16:14

Tgt Ion: 91 Resp: 18335

Ion Ratio Lower Upper

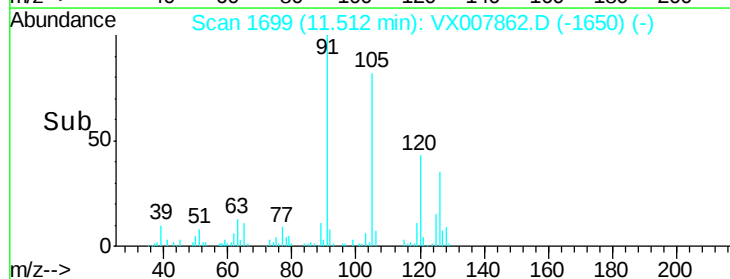
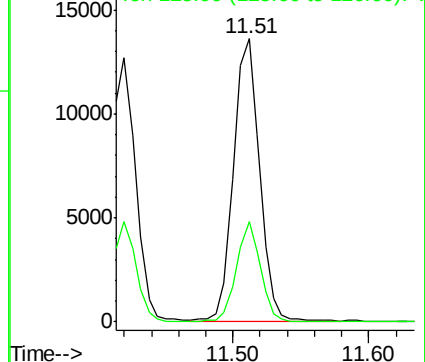
91 100

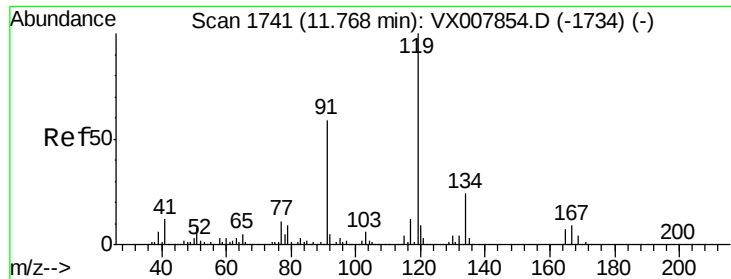
126 32.0 15.6 46.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

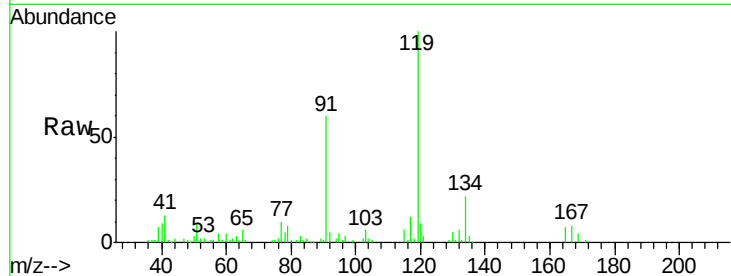




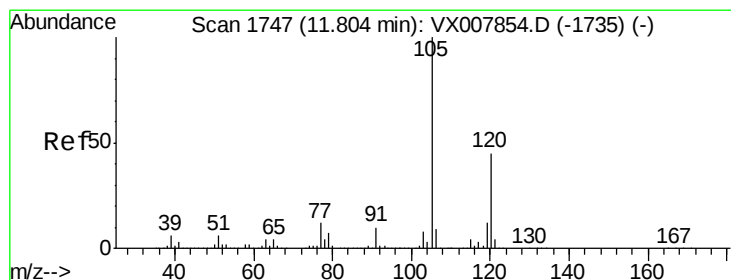
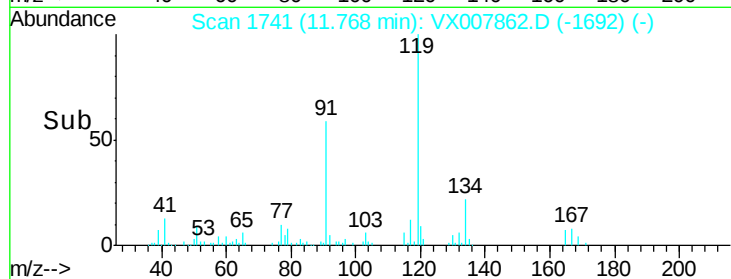
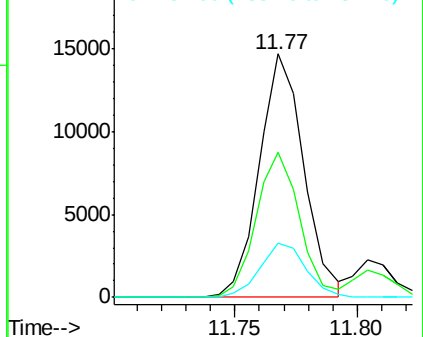
#83
 tert-Butylbenzene
 Concen: 1.933 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX007862.D
 Acq: 06 Mar 2019 16:14

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

Tgt Ion:119 Resp: 18710
 Ion Ratio Lower Upper
 119 100
 91 58.3 27.1 81.3
 134 22.9 11.4 34.1

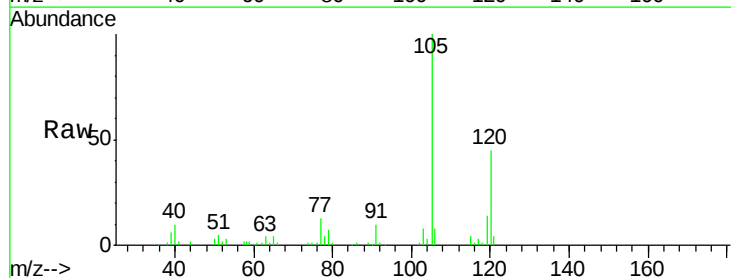


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VX
 Ion 134.00 (133.70 to 134.70): V

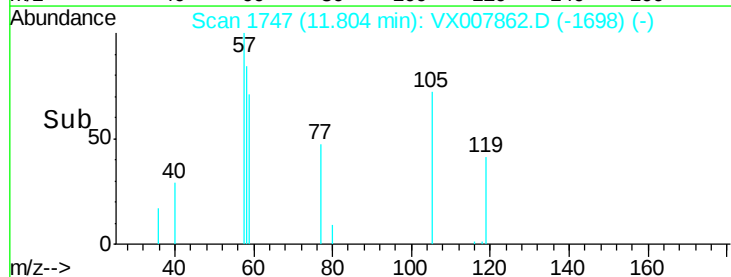
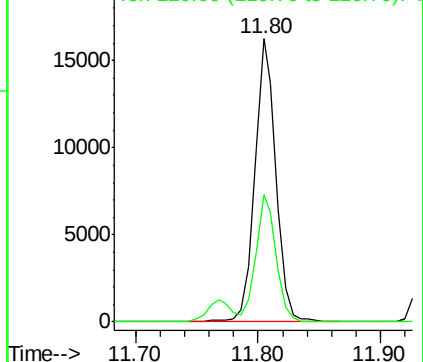


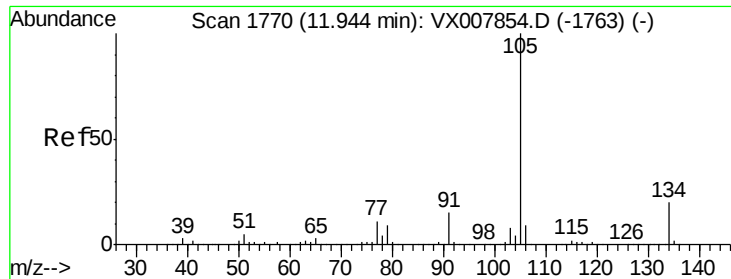
#84
 1,2,4-Trimethylbenzene
 Concen: 1.984 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX007862.D
 Acq: 06 Mar 2019 16:14

Tgt Ion:105 Resp: 19546
 Ion Ratio Lower Upper
 105 100
 120 43.0 22.6 67.7



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





#85

sec-Butylbenzene

Concen: 1.981 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX007862.D

Acq: 06 Mar 2019 16:14

Instrument :

MSVOA_X

ClientSampleId :

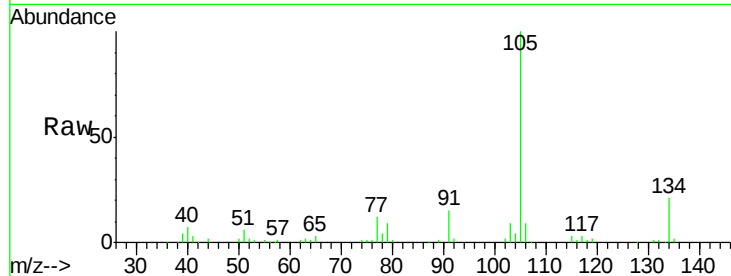
LOQ-WATER-02-QT1-2019

Tgt Ion:105 Resp: 22589

Ion Ratio Lower Upper

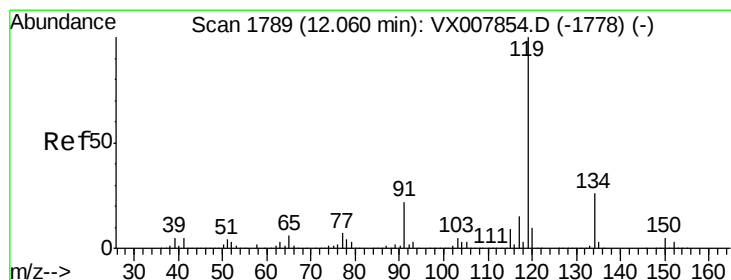
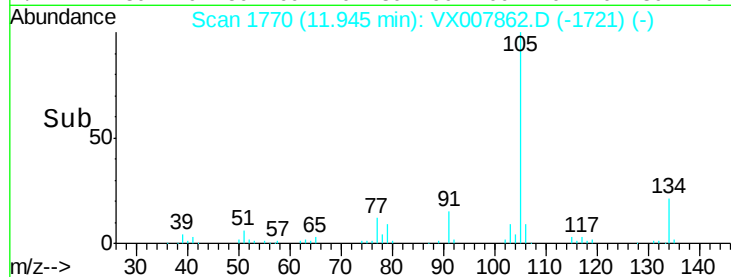
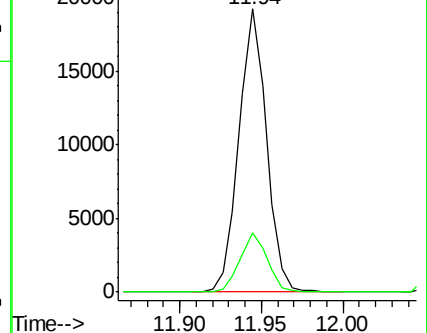
105 100

134 20.9 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 1.959 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX007862.D

Acq: 06 Mar 2019 16:14

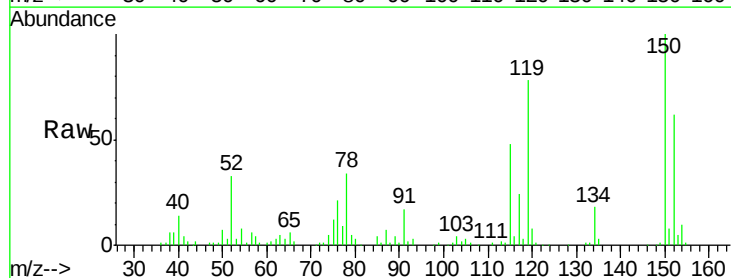
Tgt Ion:119 Resp: 19999

Ion Ratio Lower Upper

119 100

134 25.7 13.3 39.9

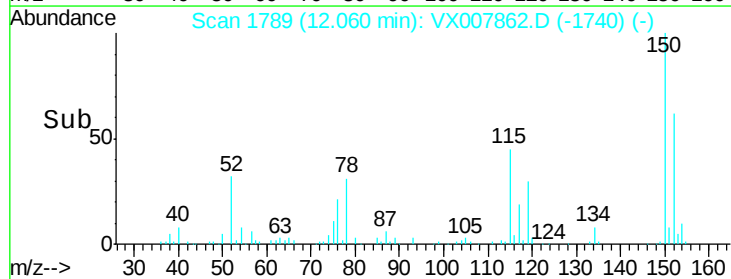
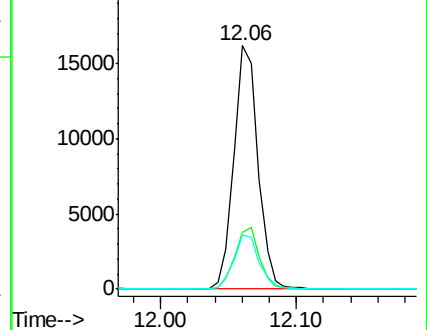
91 23.8 10.9 32.7

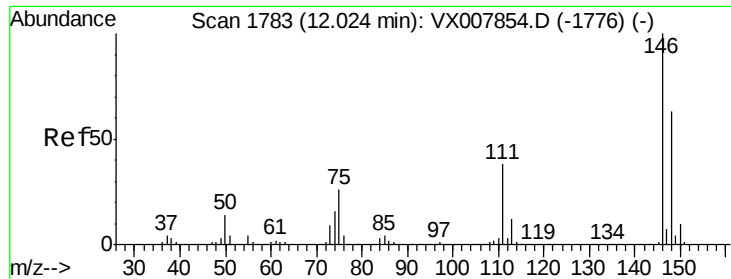


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 2.048 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX007862.D

Acq: 06 Mar 2019 16:14

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2019

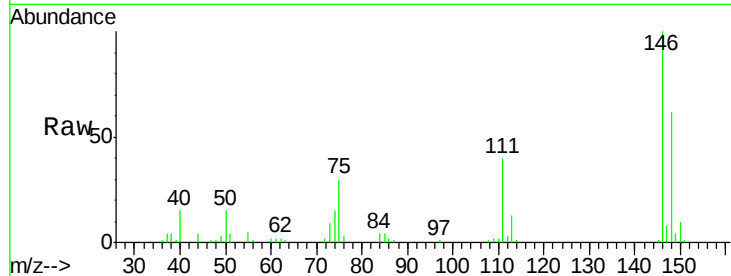
Tgt Ion:146 Resp: 11598

Ion Ratio Lower Upper

146 100

111 37.7 18.9 56.7

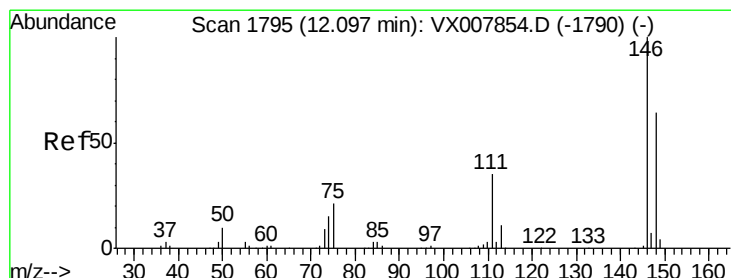
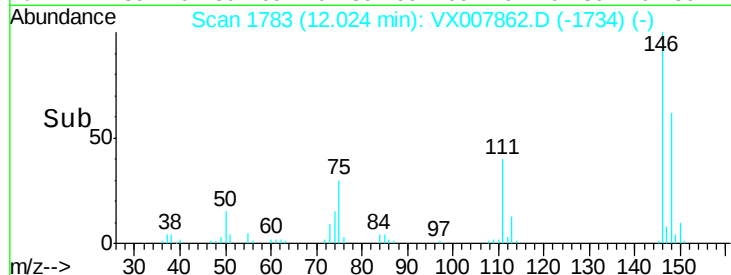
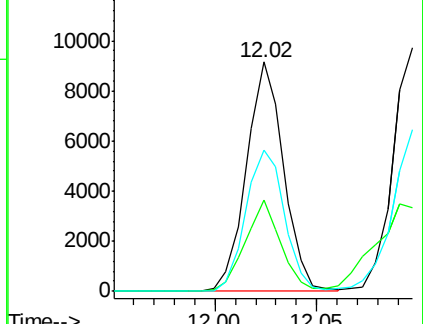
148 63.8 31.7 95.1



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



#88

1,4-Dichlorobenzene

Concen: 2.110 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VX007862.D

Acq: 06 Mar 2019 16:14

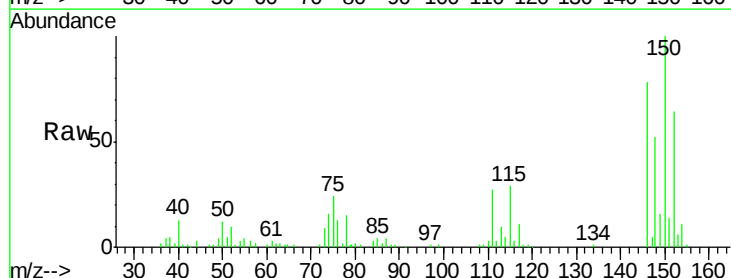
Tgt Ion:146 Resp: 12238

Ion Ratio Lower Upper

146 100

111 51.2 18.4 55.0

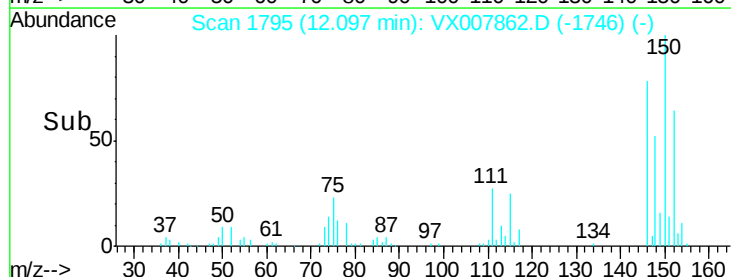
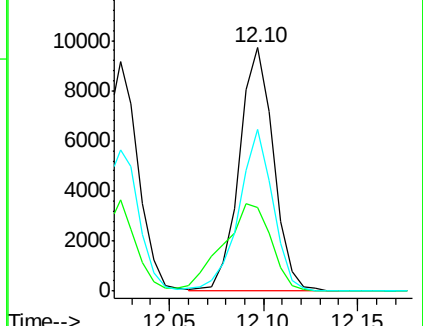
148 66.4 32.2 96.6

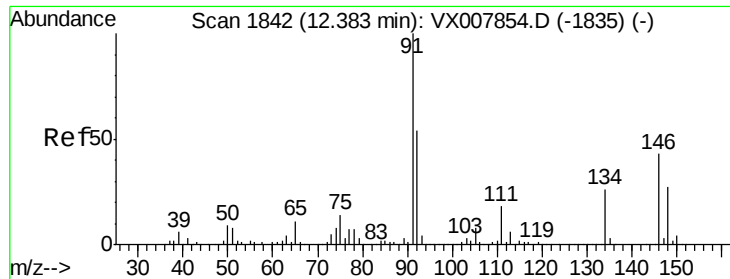


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

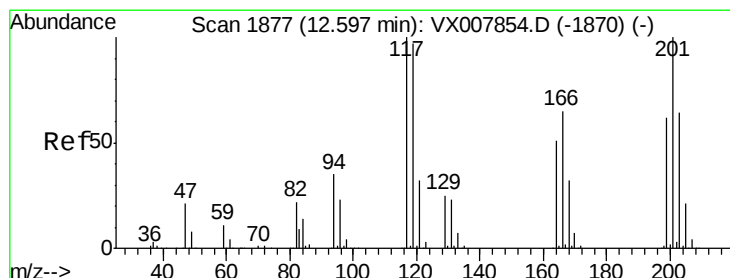
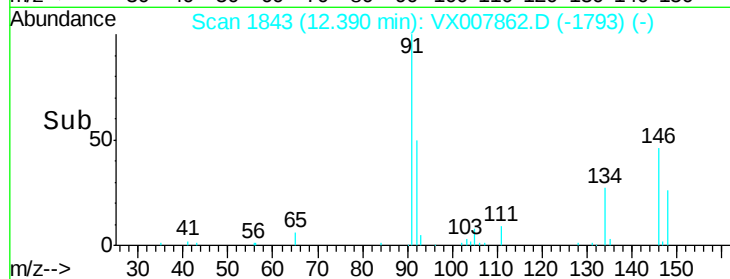
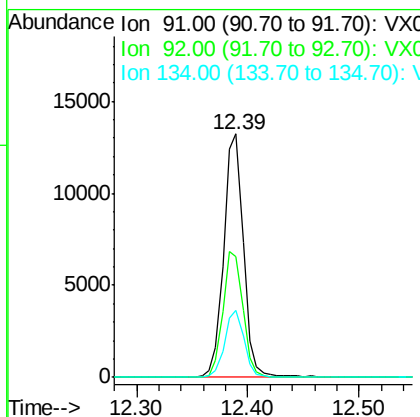
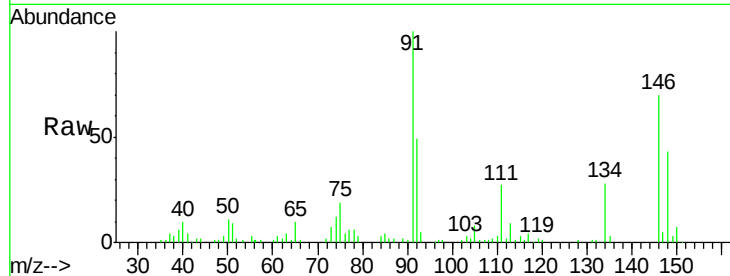




#89
n-Butylbenzene
Concen: 1.881 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.01 min
Lab File: VX007862.D
Acq: 06 Mar 2019 16:14

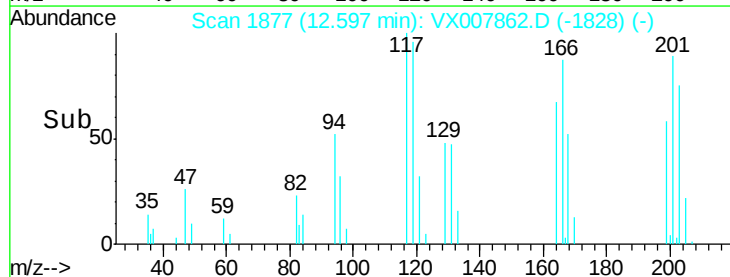
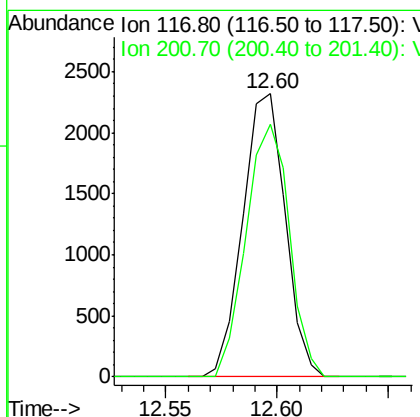
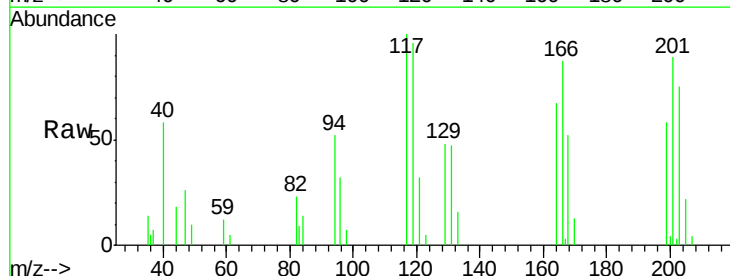
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2019

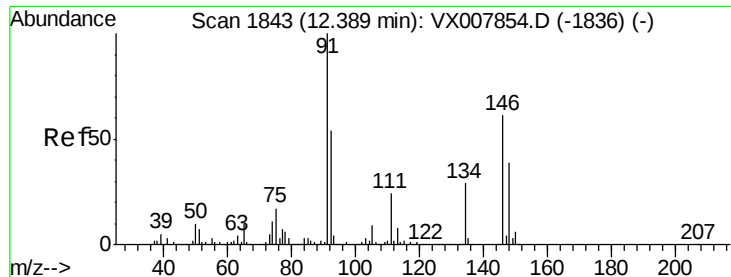
Tgt Ion: 91 Resp: 16276
Ion Ratio Lower Upper
91 100
92 51.9 27.0 80.8
134 26.9 13.7 41.0



#90
Hexachloroethane
Concen: 1.809 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX007862.D
Acq: 06 Mar 2019 16:14

Tgt Ion: 117 Resp: 3089
Ion Ratio Lower Upper
117 100
201 90.8 48.9 146.7

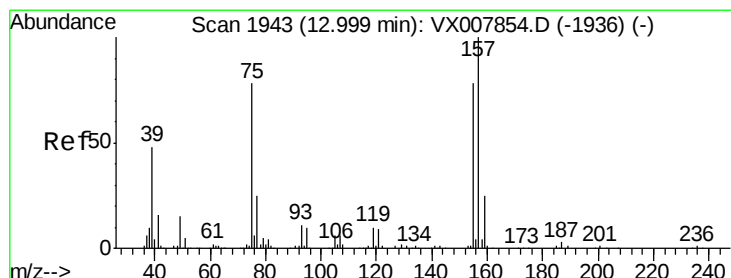
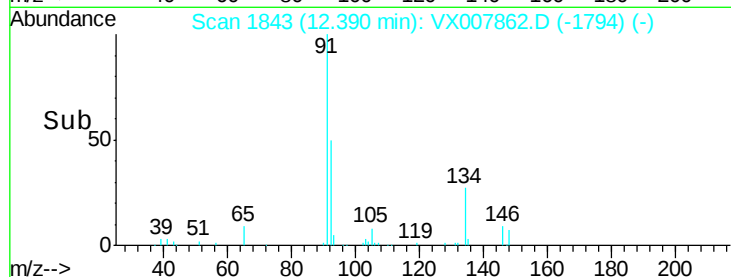
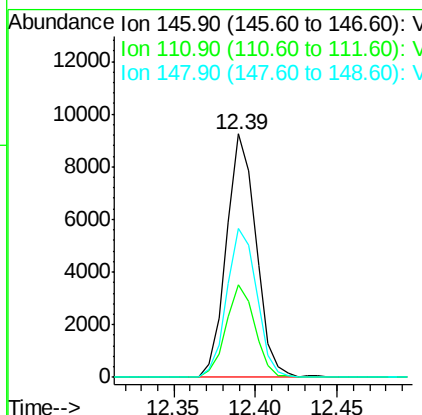
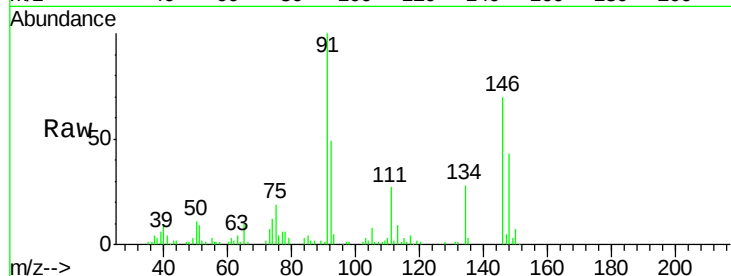




#91
 1,2-Dichlorobenzene
 Concen: 2.072 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX007862.D
 Acq: 06 Mar 2019 16:14

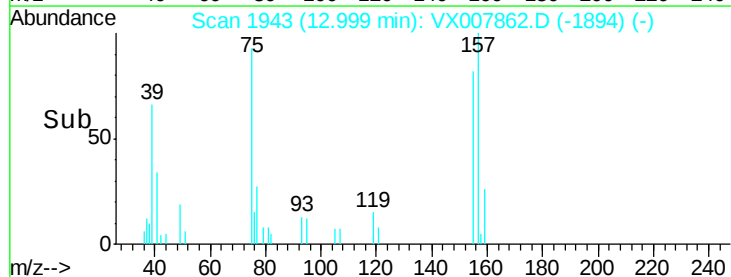
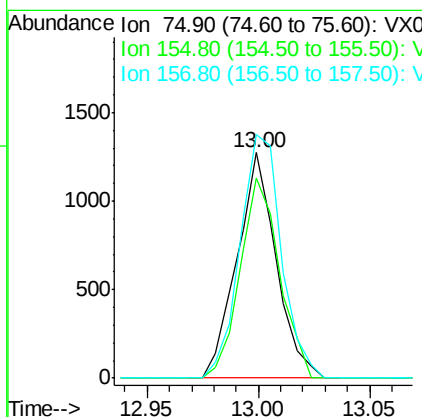
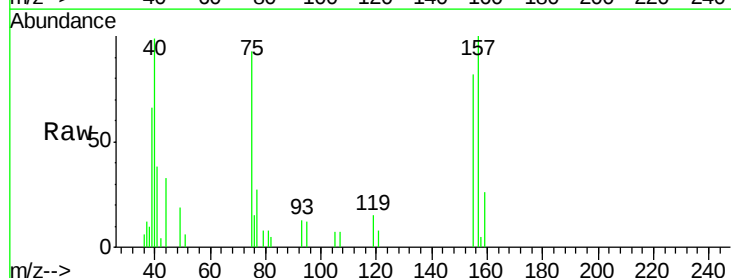
Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT1-2019

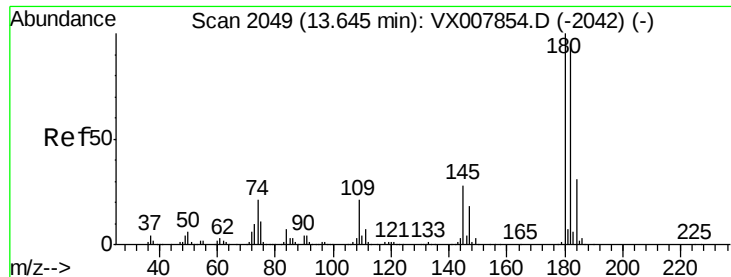
Tgt Ion: 146 Resp: 11658
 Ion Ratio Lower Upper
 146 100
 111 37.0 19.6 58.8
 148 61.9 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.852 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX007862.D
 Acq: 06 Mar 2019 16:14

Tgt Ion: 75 Resp: 1559
 Ion Ratio Lower Upper
 75 100
 155 89.0 49.7 149.1
 157 114.6 63.8 191.4

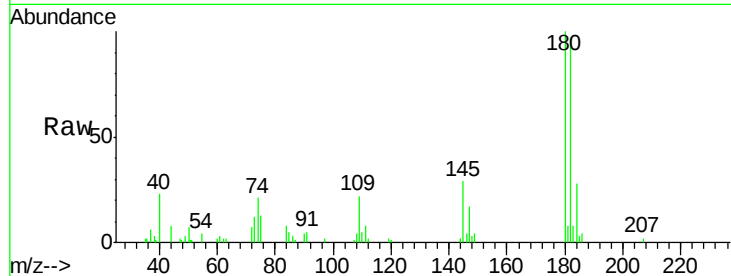




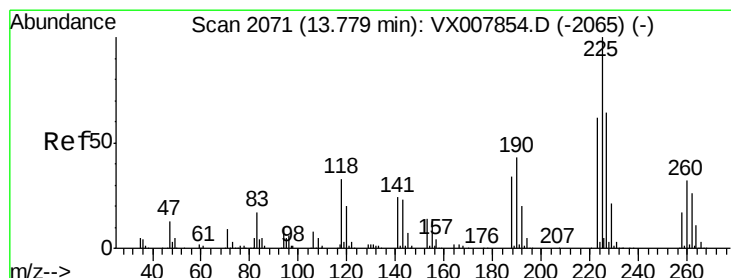
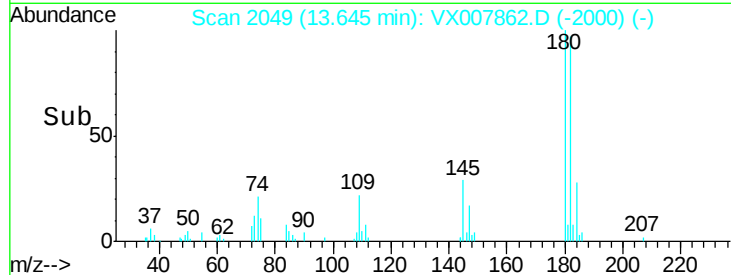
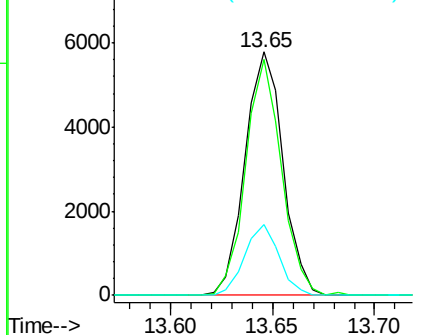
#93
 1,2,4-Trichlorobenzene
 Concen: 1.893 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX007862.D
 Acq: 06 Mar 2019 16:14

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

Tgt Ion:180 Resp: 7481
 Ion Ratio Lower Upper
 180 100
 182 91.3 47.9 143.7
 145 26.6 14.1 42.4

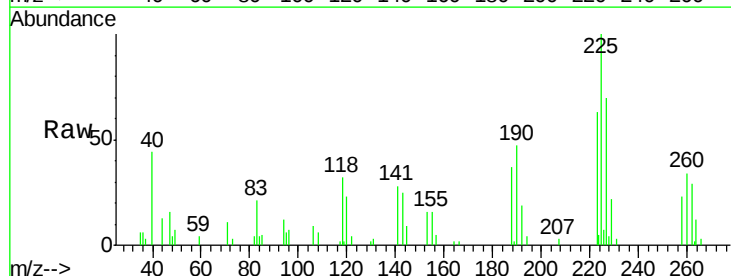


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

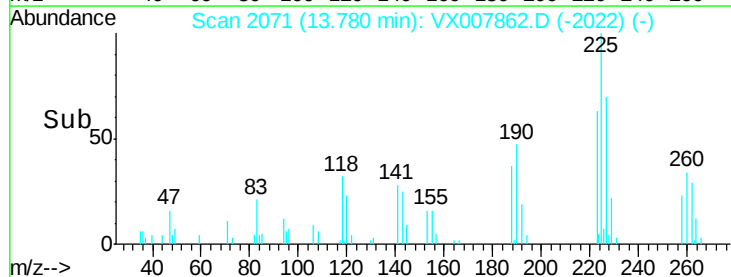
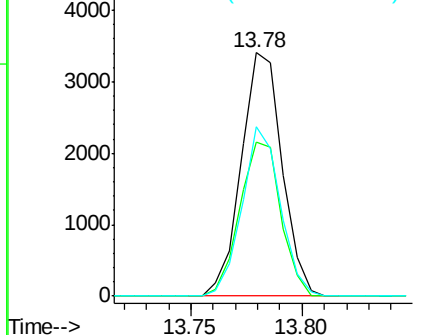


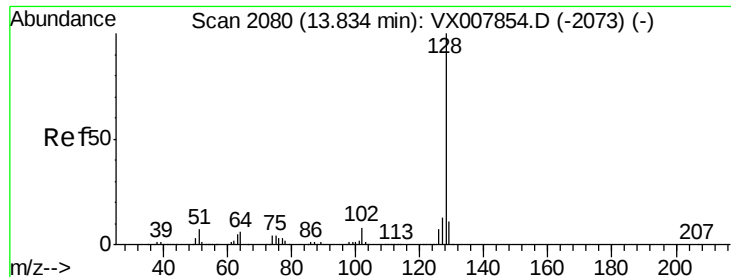
#94
 Hexachlorobutadiene
 Concen: 2.110 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX007862.D
 Acq: 06 Mar 2019 16:14

Tgt Ion:225 Resp: 4360
 Ion Ratio Lower Upper
 225 100
 223 63.6 31.1 93.2
 227 65.1 32.0 96.0



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: 1.724 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX007862.D

Acq: 06 Mar 2019 16:14

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2019

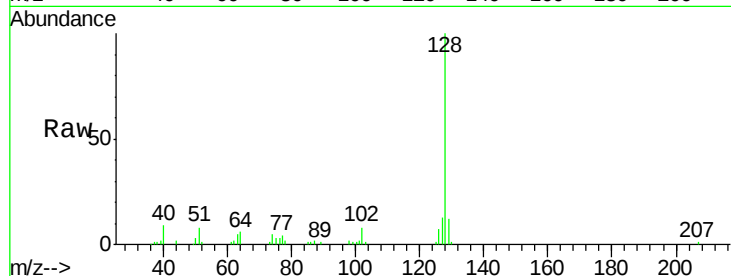
Tgt Ion:128 Resp: 19632

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

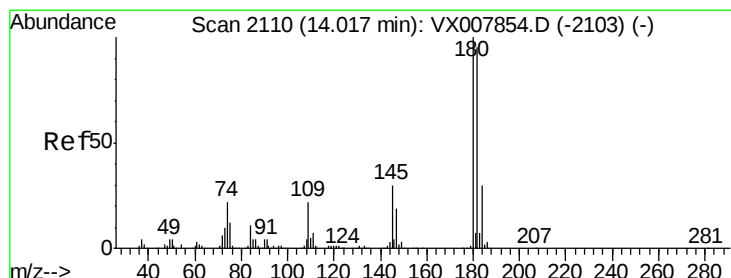
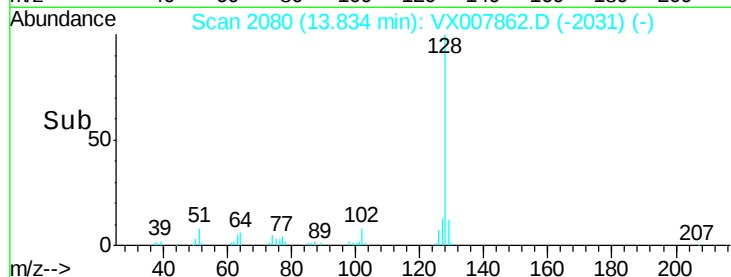
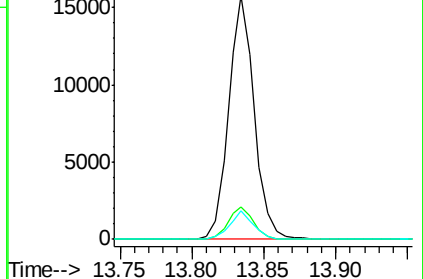
129 10.7 8.7 13.1



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: 1.904 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX007862.D

Acq: 06 Mar 2019 16:14

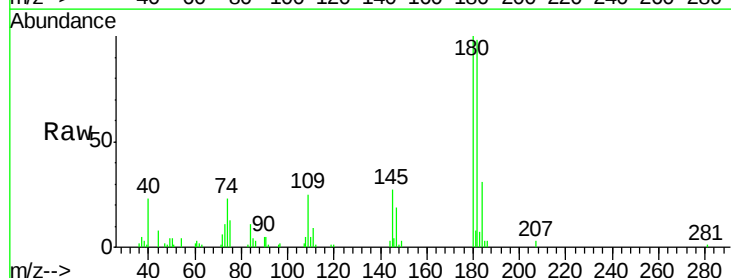
Tgt Ion:180 Resp: 7498

Ion Ratio Lower Upper

180 100

182 96.4 47.5 142.5

145 30.2 14.8 44.3



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

