

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX041318\
 Data File : VX000850.D
 Acq On : 13 Apr 2018 15:33
 Operator : JC/MD
 Sample : J2133-08 LOQ 2.0PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT2-2018

Quant Time: Apr 14 05:13:05 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 10 15:49:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	245954	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	331583	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	311752	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	205978	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	154053	49.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.36%	
35) Dibromofluoromethane	5.51	113	126774	49.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.24%	
50) Toluene-d8	8.73	98	472403	49.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.32%	
62) 4-Bromofluorobenzene	11.15	95	188144	47.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.62%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	5498	1.98	ug/l	96
3) Chloromethane	1.32	50	5046	2.12	ug/l	97
4) Vinyl Chloride	1.40	62	5998	2.24	ug/l	97
5) Bromomethane	1.64	94	3515	1.84	ug/l	94
6) Chloroethane	1.73	64	4979	3.07	ug/l	100
7) Trichlorofluoromethane	1.93	101	8616	2.13	ug/l	100
8) Diethyl Ether	2.19	74	3315	2.20	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.39	101	5345	2.24	ug/l	94
10) Methyl Iodide	2.51	142	1729	9.01	ug/l #	93
11) Tert butyl alcohol	3.09	59	6722	12.21	ug/l #	85
12) 1,1-Dichloroethene	2.37	96	4730	2.10	ug/l	98
13) Acrolein	2.30	56	83	0.31	ug/l #	13
14) Allyl chloride	2.73	41	8523	2.04	ug/l	98
15) Acrylonitrile	3.15	53	14422	12.29	ug/l	98
16) Acetone	2.45	43	13433	12.56	ug/l	99
17) Carbon Disulfide	2.57	76	13671	2.00	ug/l	97
18) Methyl Acetate	2.79	43	7171	2.59	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	16530	2.20	ug/l	97
20) Methylene Chloride	2.86	84	5973	2.40	ug/l	92
21) trans-1,2-Dichloroethene	3.17	96	5386	2.16	ug/l	92
22) Diisopropyl ether	3.89	45	17549	2.29	ug/l	93
23) Vinyl Acetate	3.83	43	73536	10.92	ug/l	99
24) 1,1-Dichloroethane	3.70	63	9651	2.24	ug/l	98
25) 2-Butanone	4.73	43	21941	12.42	ug/l	94
26) 2,2-Dichloropropane	4.59	77	8566	2.00	ug/l	98
27) cis-1,2-Dichloroethene	4.61	96	6371	2.26	ug/l	96
28) Bromochloromethane	5.03	49	4240	2.45	ug/l #	96
29) Tetrahydrofuran	5.18	42	14749	13.15	ug/l	95
30) Chloroform	5.22	83	9597	2.11	ug/l	99
31) Cyclohexane	5.59	56	9126	2.23	ug/l	93
32) 1,1,1-Trichloroethane	5.51	97	9131	2.10	ug/l	99
36) 1,1-Dichloropropene	5.81	75	7679	2.10	ug/l #	72
37) Ethyl Acetate	4.89	43	7861	2.21	ug/l	97
38) Carbon Tetrachloride	5.79	117	8059	1.97	ug/l	98

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX041318\
 Data File : VX000850.D
 Acq On : 13 Apr 2018 15:33
 Operator : JC/MD
 Sample : J2133-08 LOQ 2.0PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT2-2018

Quant Time: Apr 14 05:13:05 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 10 15:49:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	9137	2.08	ug/l	95
40) Benzene	6.15	78	22125	2.18	ug/l	100
41) Methacrylonitrile	5.08	41	4750	2.31	ug/l	97
42) 1,2-Dichloroethane	6.21	62	8381	2.21	ug/l	99
43) Isopropyl Acetate	6.48	43	13177	2.16	ug/l	99
44) Trichloroethene	7.22	130	6736	2.13	ug/l	92
45) 1,2-Dichloropropane	7.52	63	5497	2.13	ug/l	97
46) Dibromomethane	7.67	93	3773	2.09	ug/l	98
47) Bromodichloromethane	7.90	83	6980	1.92	ug/l	93
48) Methyl methacrylate	7.79	41	6863	2.17	ug/l	100
49) 1,4-Dioxane	7.77	88	2771	43.52	ug/l #	92
51) 4-Methyl-2-Pentanone	8.66	43	39941	11.12	ug/l	100
52) Toluene	8.79	92	14105	2.10	ug/l	97
53) t-1,3-Dichloropropene	8.45	75	8094	1.86	ug/l	95
54) cis-1,3-Dichloropropene	9.05	75	7283	1.72	ug/l	99
55) 1,1,2-Trichloroethane	9.23	97	5744	2.15	ug/l	99
56) Ethyl methacrylate	9.19	69	8659	2.10	ug/l	98
57) 1,3-Dichloropropane	9.38	76	9709	2.29	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	21836	11.34	ug/l	99
59) 2-Hexanone	9.51	43	31119	11.23	ug/l	99
60) Dibromochloromethane	9.59	129	5404	1.69	ug/l	98
61) 1,2-Dibromoethane	9.68	107	5928	2.09	ug/l	99
64) Tetrachloroethene	9.34	164	6899	2.26	ug/l	96
65) Chlorobenzene	10.15	112	16831	2.15	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	5669	1.92	ug/l	97
67) Ethyl Benzene	10.26	91	27723	2.12	ug/l	99
68) m/p-Xylenes	10.37	106	21435	4.15	ug/l	98
69) o-Xylene	10.71	106	10397	2.09	ug/l	99
70) Styrene	10.72	104	16665	1.99	ug/l	99
71) Bromoform	10.87	173	4687	1.71	ug/l #	96
73) Isopropylbenzene	11.02	105	28427	2.18	ug/l	99
74) N-amyl acetate	6.48	43	13177	2.24	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	8262	2.18	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	9157	2.58	ug/l	90
77) Bromobenzene	11.26	156	8284	2.16	ug/l	96
78) n-propylbenzene	11.37	91	32499	2.17	ug/l	100
79) 2-Chlorotoluene	11.43	91	19349	2.19	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	23618	2.10	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.14	75	92400	71.55	ug/l #	11
82) 4-Chlorotoluene	11.52	91	22932	2.15	ug/l	99
83) tert-Butylbenzene	11.78	119	24339	2.12	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	24205	2.09	ug/l	100
85) sec-Butylbenzene	11.95	105	29001	2.14	ug/l	99
86) p-Isopropyltoluene	12.07	119	26480	2.09	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	15179	2.14	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	16026	2.21	ug/l	89
89) n-Butylbenzene	12.40	91	23278	2.09	ug/l	99
90) Hexachloroethane	12.60	117	3555	1.66	ug/l	95
91) 1,2-Dichlorobenzene	12.40	146	14581	2.13	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	1855	1.95	ug/l	96

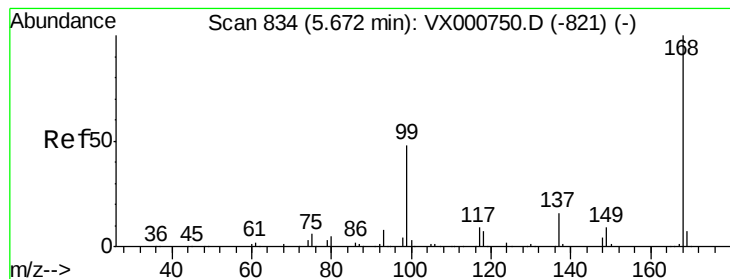
Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX041318\
Data File : VX000850.D
Acq On : 13 Apr 2018 15:33
Operator : JC/MD
Sample : J2133-08 LOQ 2.0PPB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2018

Quant Time: Apr 14 05:13:05 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 10 15:49:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	12526	2.15	ug/l	99
94) Hexachlorobutadiene	13.79	225	6021	2.10	ug/l	97
95) Naphthalene	13.84	128	32097	2.14	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	11887	2.10	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX000850.D

Acq: 13 Apr 2018 15:33

Instrument :

MSVOA_X

ClientSampleId :

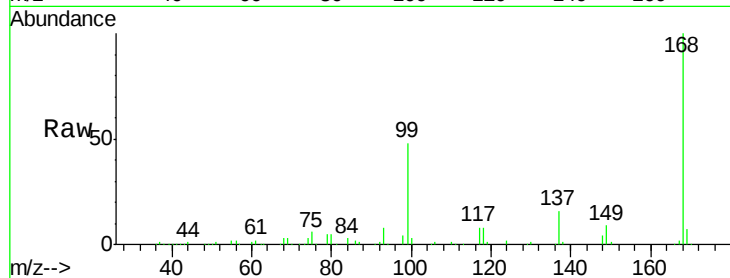
LOQ-WATER-02-QT2-2018

Tgt Ion: 168 Resp: 245954

Ion Ratio Lower Upper

168 100

99 47.9 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

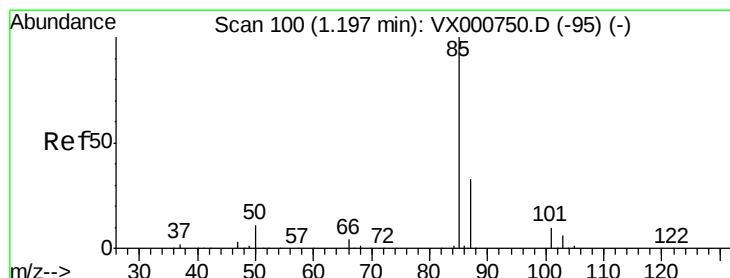
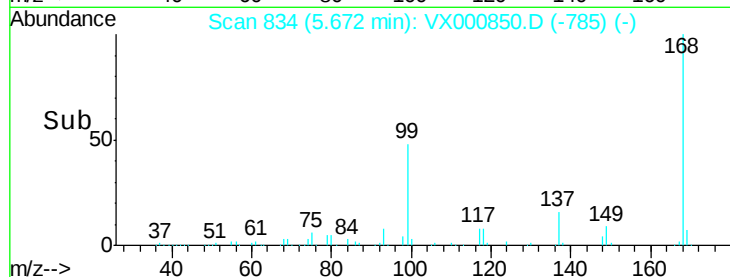
40000

20000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#2

Dichlorodifluoromethane

Concen: 1.98 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000850.D

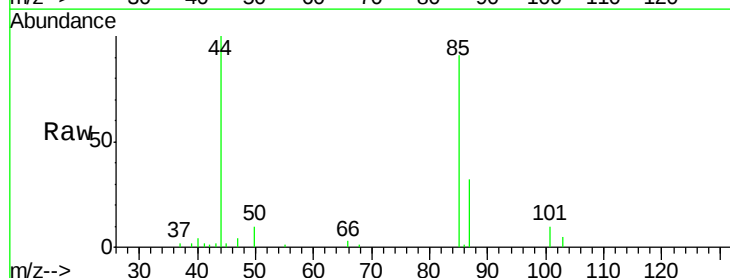
Acq: 13 Apr 2018 15:33

Tgt Ion: 85 Resp: 5498

Ion Ratio Lower Upper

85 100

87 34.6 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

6000

5000

4000

3000

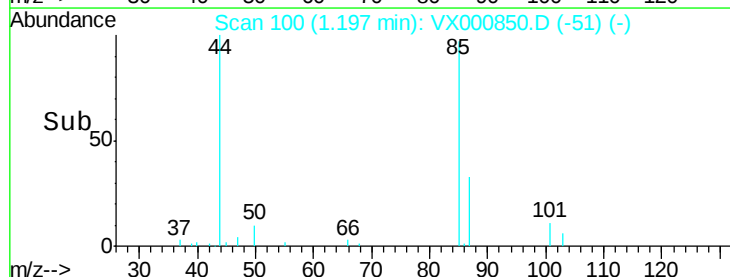
2000

1000

0

Time-->

1.15 1.20 1.25





#3

Chloromethane

Concen: 2.12 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000850.D

Acq: 13 Apr 2018 15:33

Instrument :

MSVOA_X

ClientSampleId :

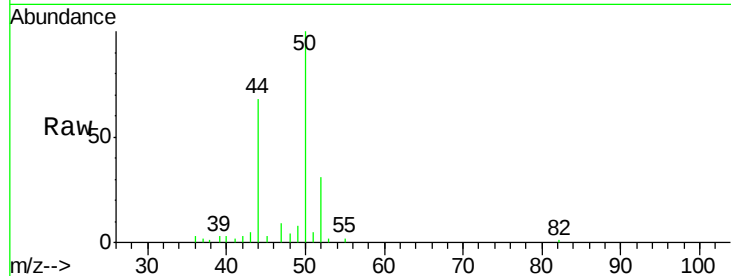
LOQ-WATER-02-QT2-2018

Tgt Ion: 50 Resp: 5046

Ion Ratio Lower Upper

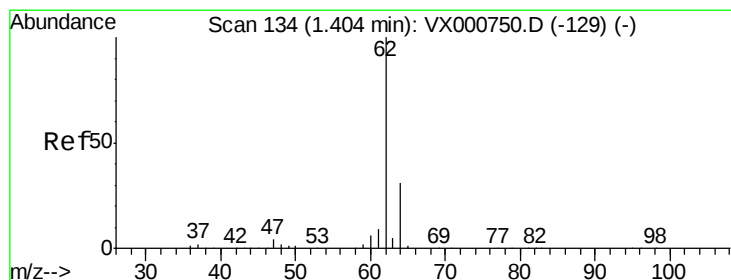
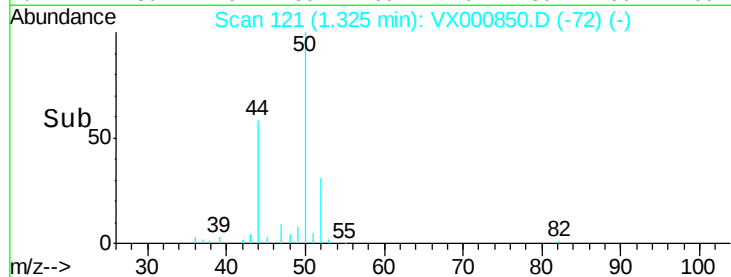
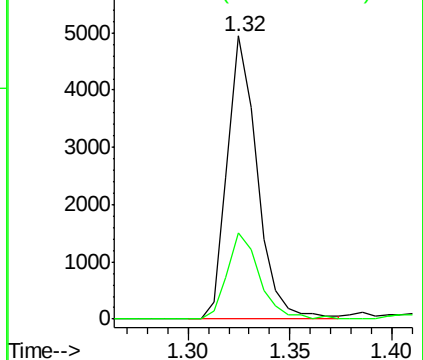
50 100

52 30.7 25.8 38.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 2.24 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX000850.D

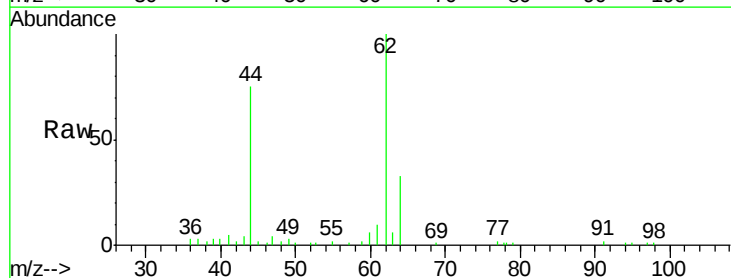
Acq: 13 Apr 2018 15:33

Tgt Ion: 62 Resp: 5998

Ion Ratio Lower Upper

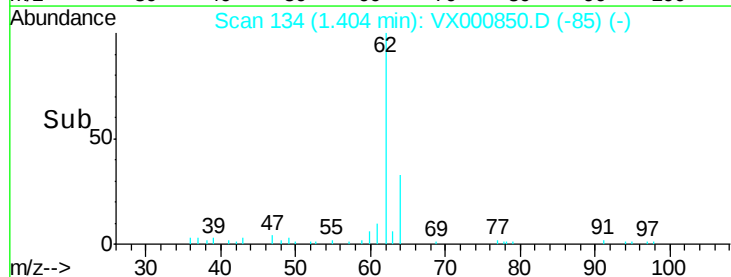
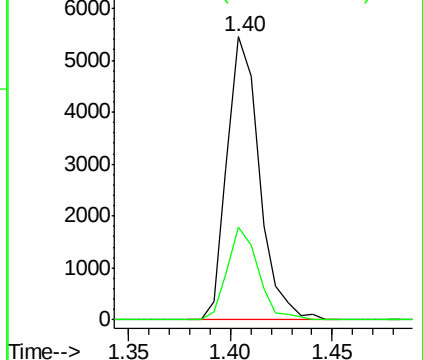
62 100

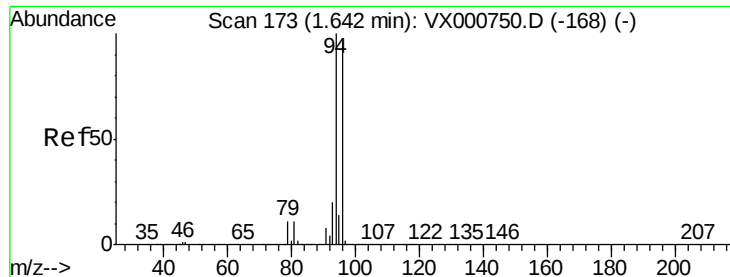
64 32.6 24.6 36.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 1.84 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX000850.D

Acq: 13 Apr 2018 15:33

Instrument :

MSVOA_X

ClientSampleId :

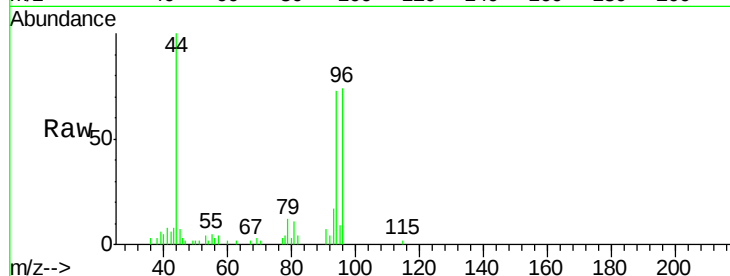
LOQ-WATER-02-QT2-2018

Tgt Ion: 94 Resp: 3515

Ion Ratio Lower Upper

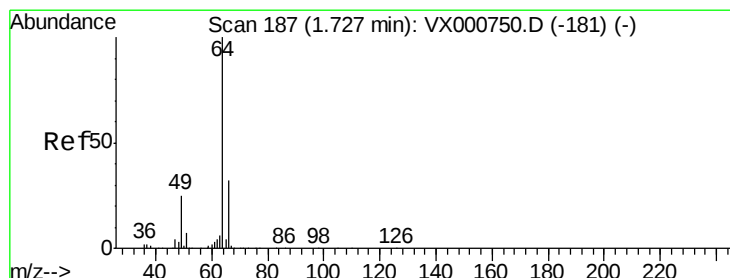
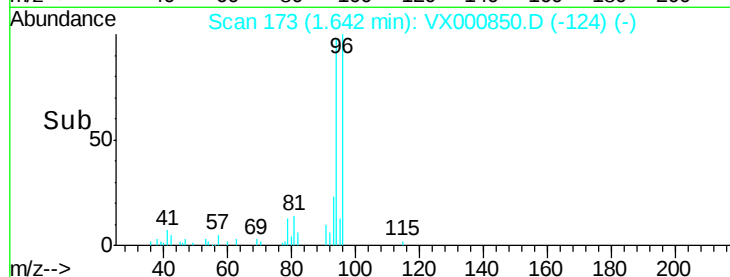
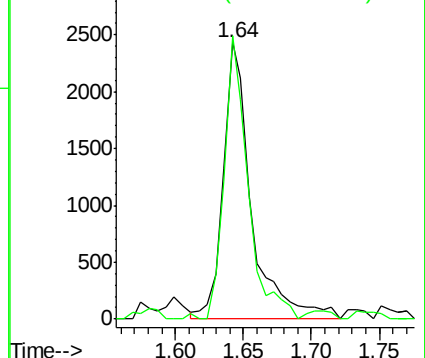
94 100

96 102.3 77.0 115.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 3.07 ug/l

RT: 1.73 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX000850.D

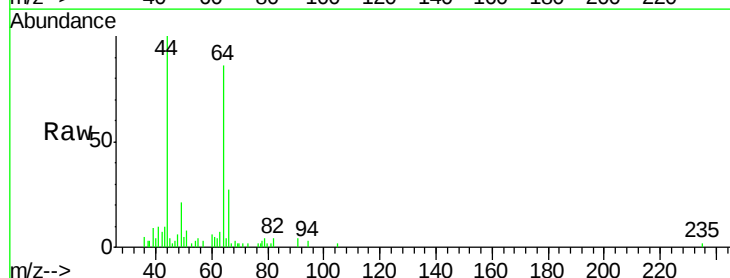
Acq: 13 Apr 2018 15:33

Tgt Ion: 64 Resp: 4979

Ion Ratio Lower Upper

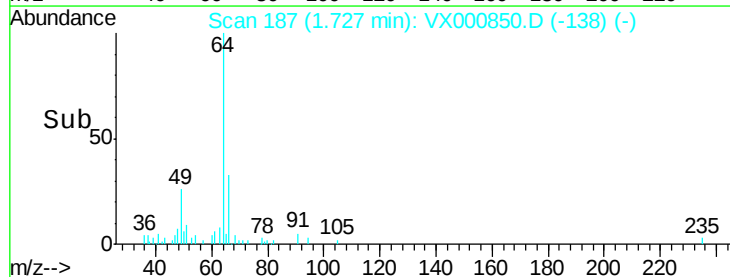
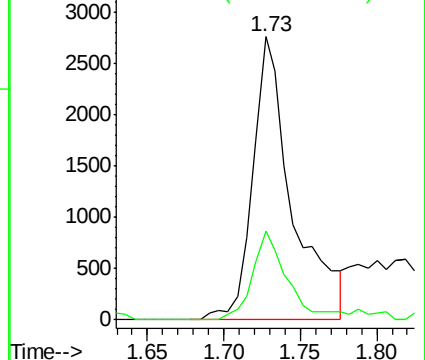
64 100

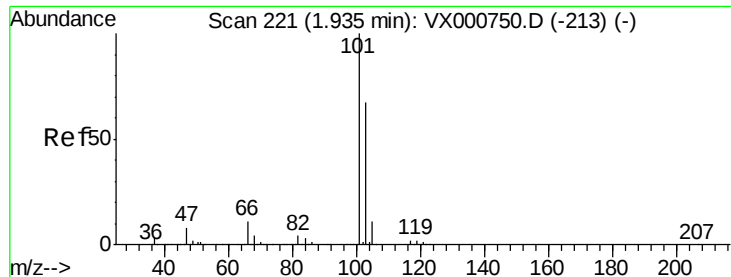
66 31.5 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



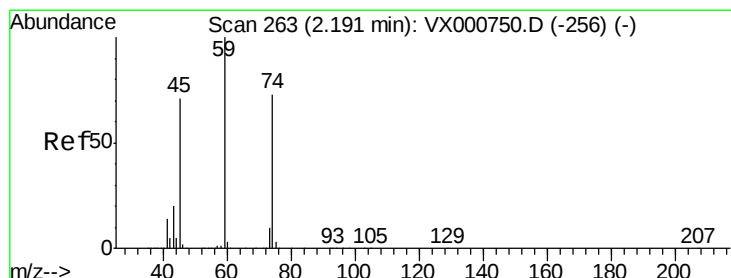
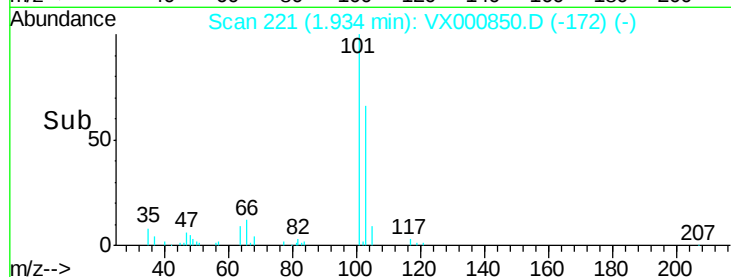
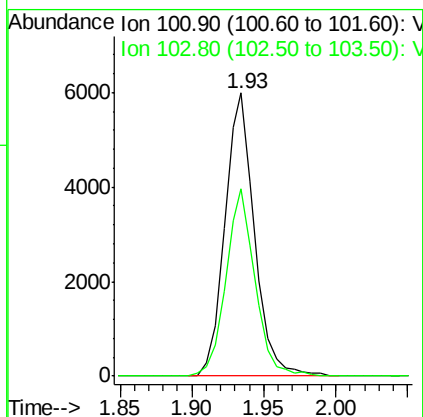
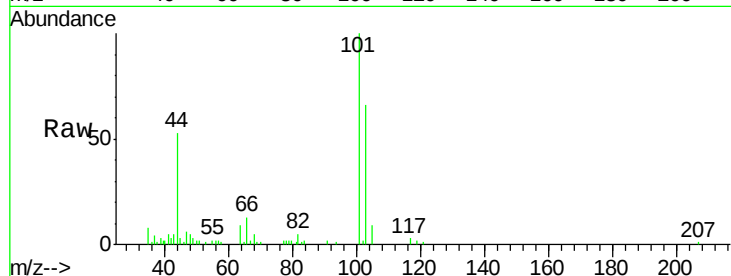


#7

Trichlorofluoromethane
 Concen: 2.13 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. -0.00 min
 Lab File: VX000850.D
 Acq: 13 Apr 2018 15:33

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT2-2018

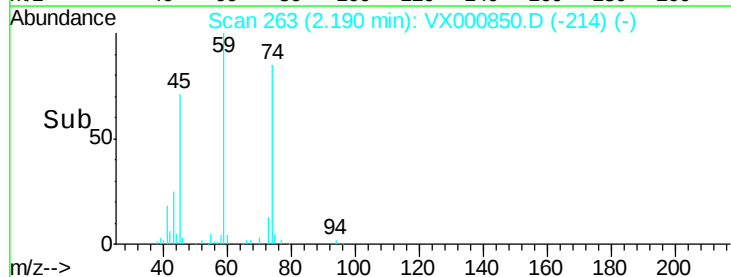
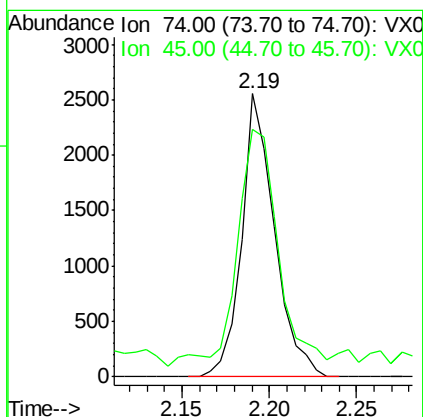
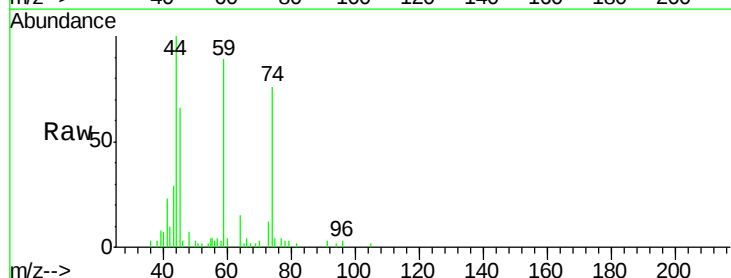
Tgt Ion: 101 Resp: 8616
 Ion Ratio Lower Upper
 101 100
 103 66.1 53.2 79.8

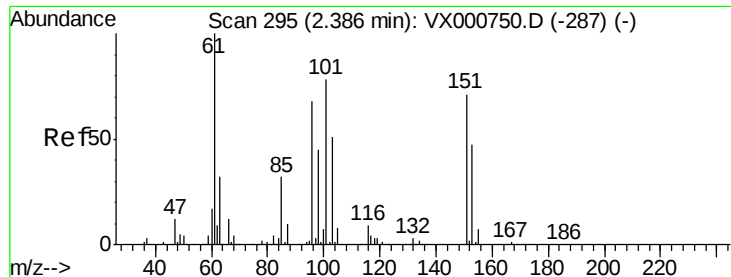


#8

Diethyl Ether
 Concen: 2.20 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.00 min
 Lab File: VX000850.D
 Acq: 13 Apr 2018 15:33

Tgt Ion: 74 Resp: 3315
 Ion Ratio Lower Upper
 74 100
 45 103.9 48.6 145.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 2.24 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX000850.D

Acq: 13 Apr 2018 15:33

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2018

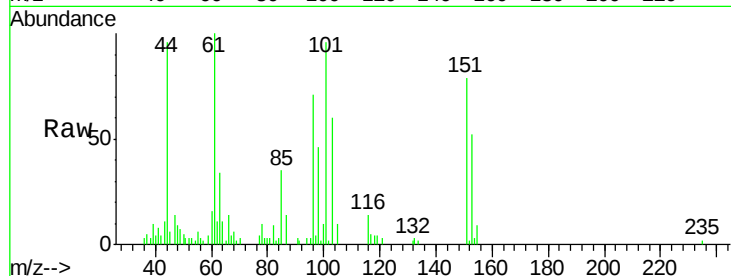
Tgt Ion:101 Resp: 5345

Ion Ratio Lower Upper

101 100

85 40.7 34.0 51.0

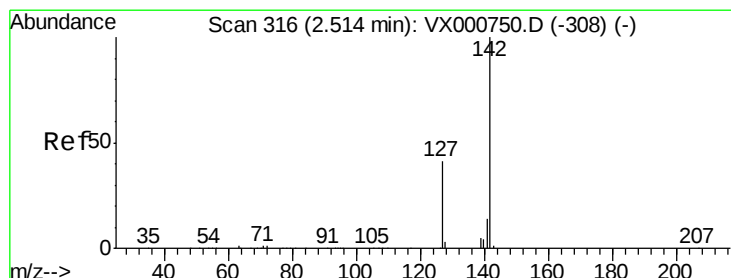
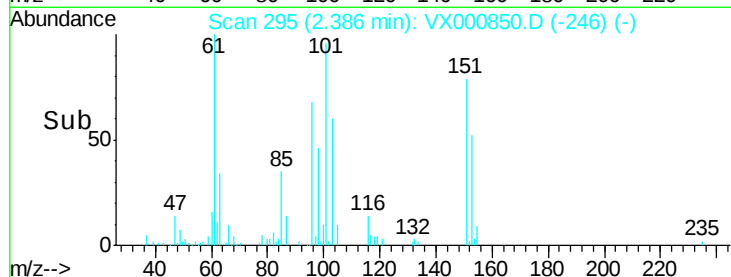
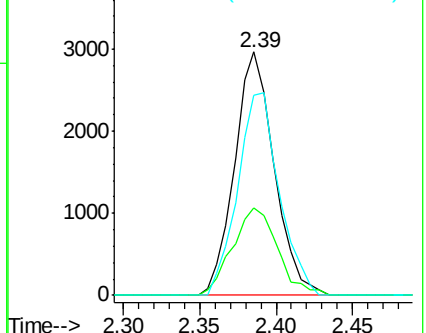
151 87.1 75.8 113.8



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: 9.01 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX000850.D

Acq: 13 Apr 2018 15:33

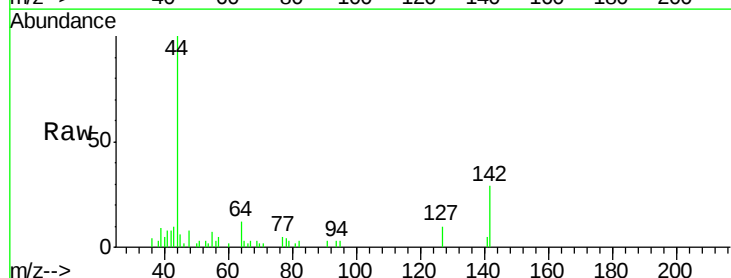
Tgt Ion:142 Resp: 1729

Ion Ratio Lower Upper

142 100

127 36.9 32.6 49.0

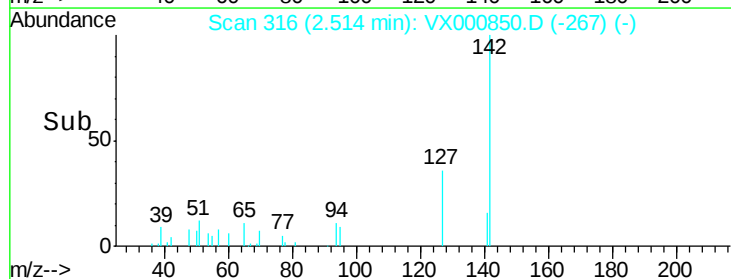
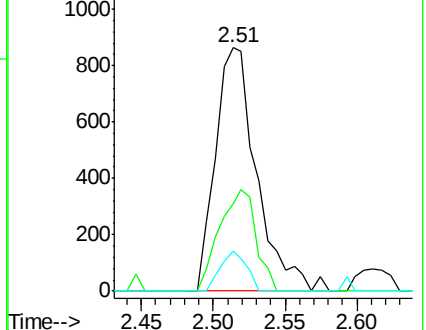
141 10.4 11.5 17.3#

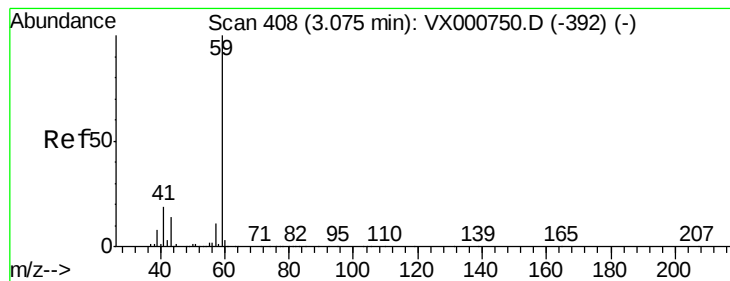


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 12.21 ug/l

RT: 3.09 min Scan# 410

Delta R.T. 0.01 min

Lab File: VX000850.D

Acq: 13 Apr 2018 15:33

Instrument :

MSVOA_X

ClientSampleId :

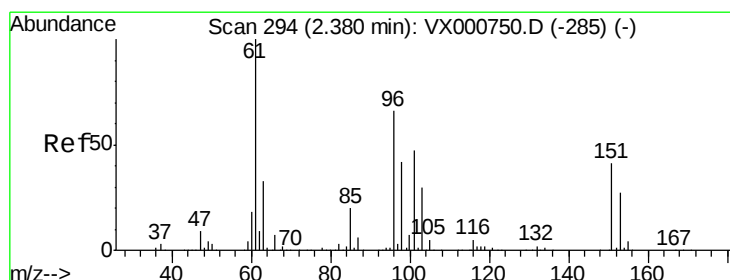
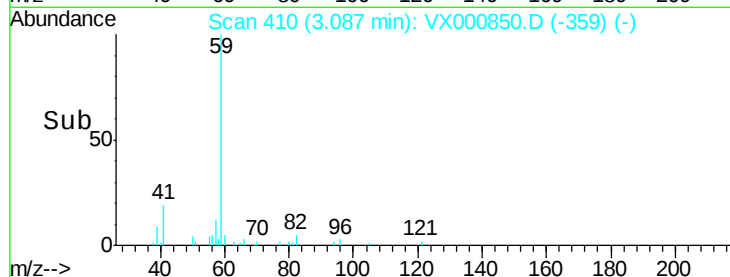
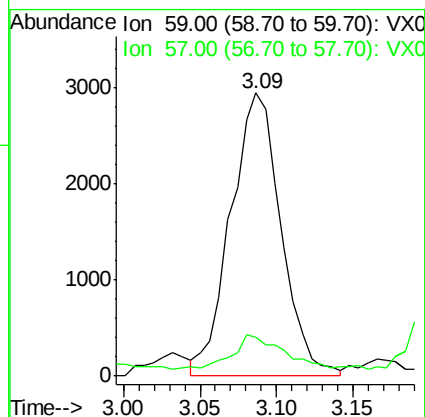
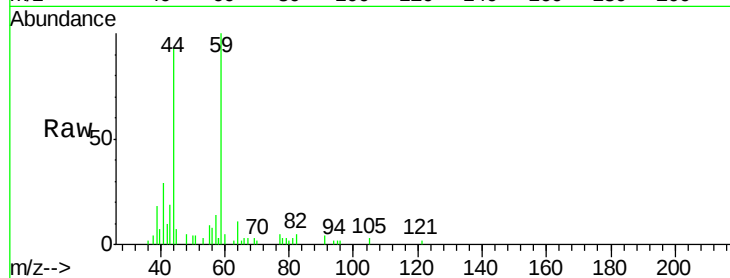
LOQ-WATER-02-QT2-2018

Tgt Ion: 59 Resp: 6722

Ion Ratio Lower Upper

59 100

57 16.0 8.4 12.6#



#12

1,1-Dichloroethene

Concen: 2.10 ug/l

RT: 2.37 min Scan# 293

Delta R.T. -0.01 min

Lab File: VX000850.D

Acq: 13 Apr 2018 15:33

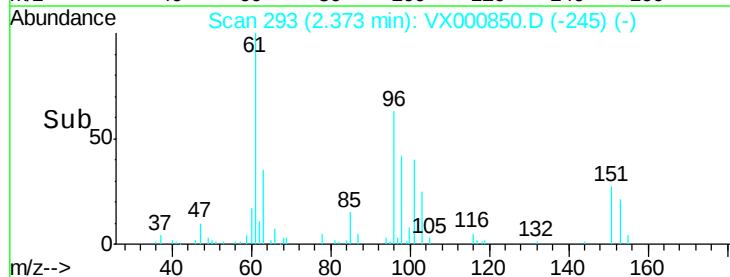
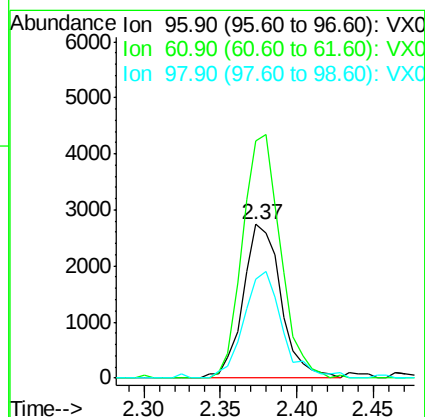
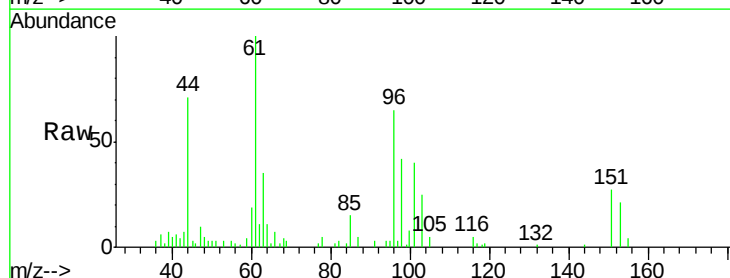
Tgt Ion: 96 Resp: 4730

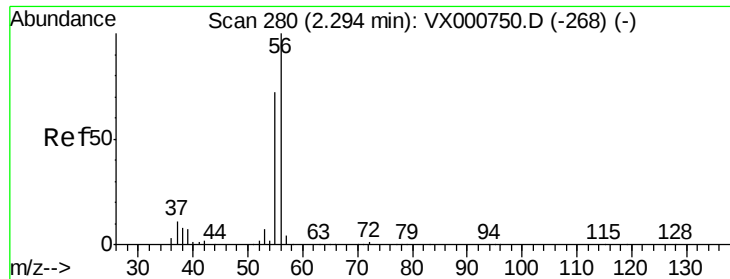
Ion Ratio Lower Upper

96 100

61 154.2 120.5 180.7

98 64.1 50.9 76.3

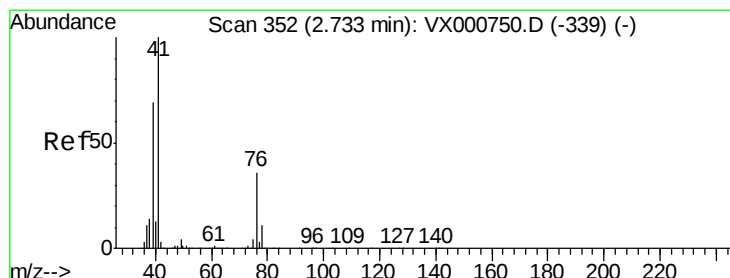
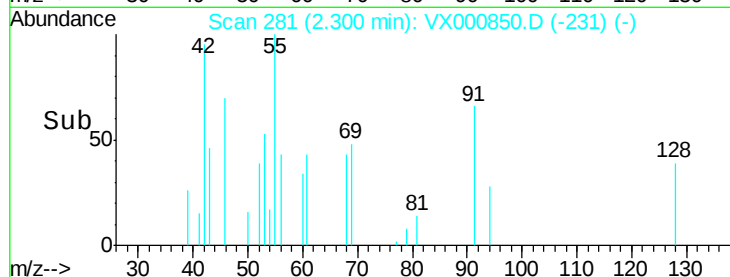
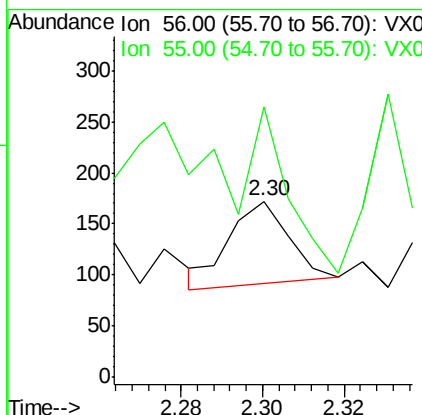
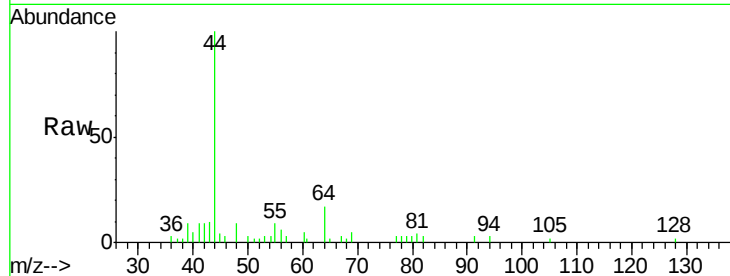




#13
Acrolein
Concen: 0.31 ug/l
RT: 2.30 min Scan# 281
Delta R.T. 0.01 min
Lab File: VX000850.D
Acq: 13 Apr 2018 15:33

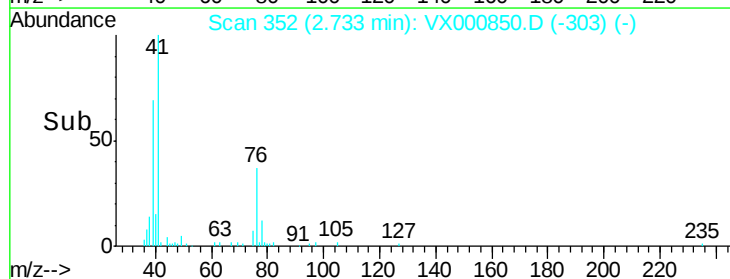
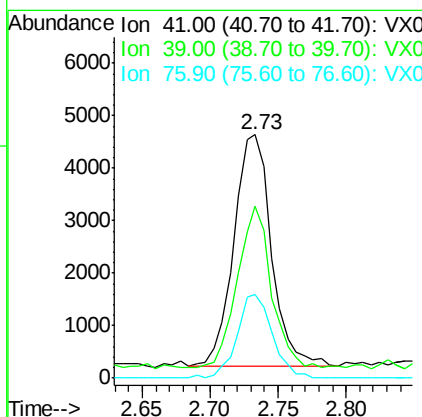
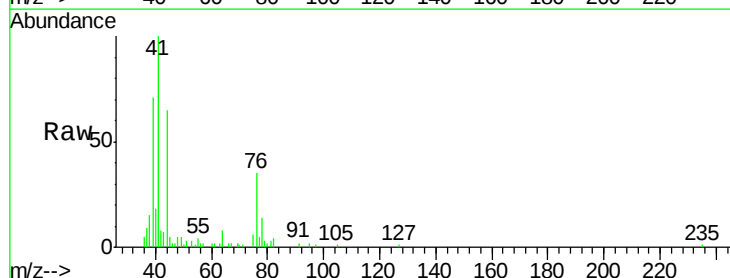
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2018

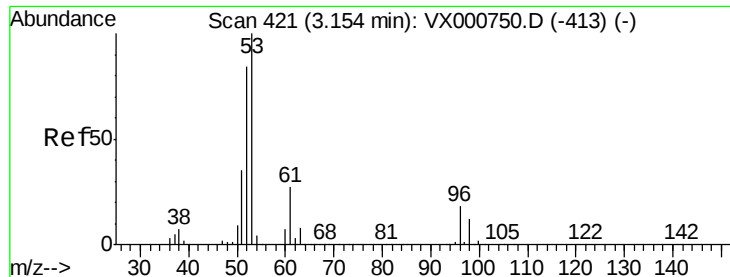
Tgt Ion: 56 Resp: 83
Ion Ratio Lower Upper
56 100
55 0.0 58.7 88.1#



#14
Allyl chloride
Concen: 2.04 ug/l
RT: 2.73 min Scan# 352
Delta R.T. -0.00 min
Lab File: VX000850.D
Acq: 13 Apr 2018 15:33

Tgt Ion: 41 Resp: 8523
Ion Ratio Lower Upper
41 100
39 63.1 51.5 77.3
76 33.8 26.5 39.7





#15

Acrylonitrile

Concen: 12.29 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX000850.D

Acq: 13 Apr 2018 15:33

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2018

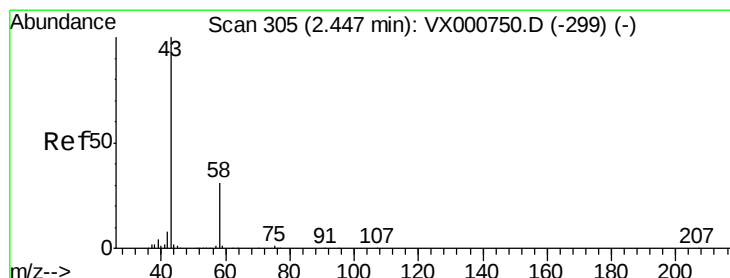
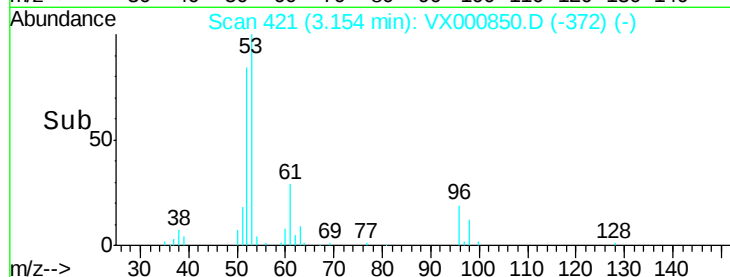
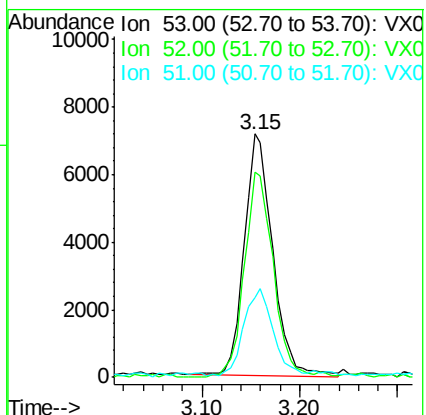
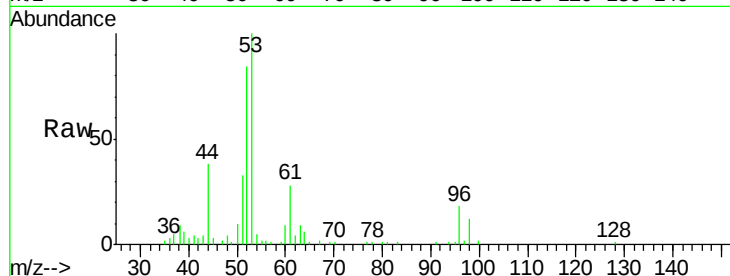
Tgt Ion: 53 Resp: 14422

Ion Ratio Lower Upper

53 100

52 85.9 66.5 99.7

51 36.3 28.8 43.2



#16

Acetone

Concen: 12.56 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX000850.D

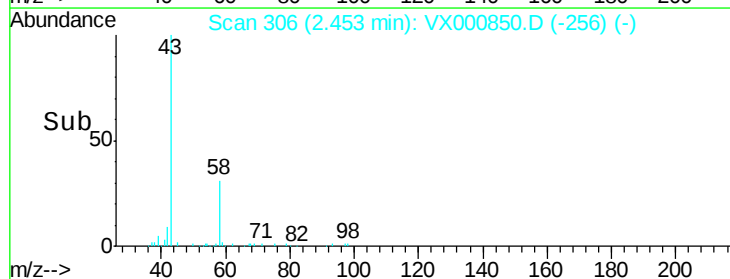
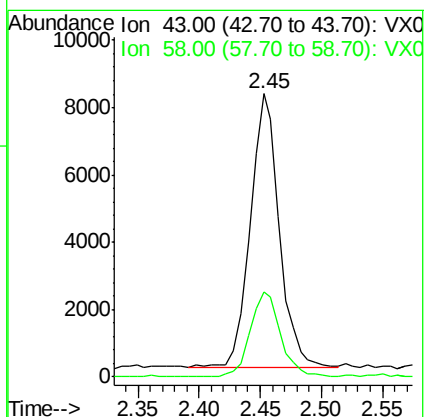
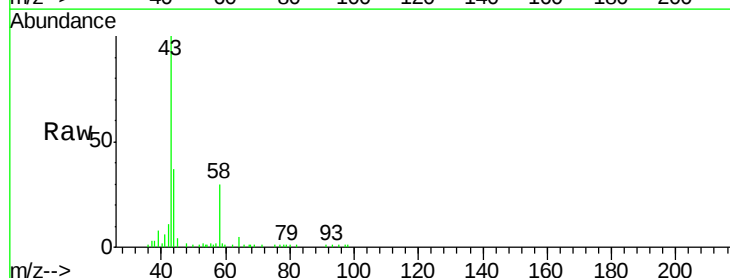
Acq: 13 Apr 2018 15:33

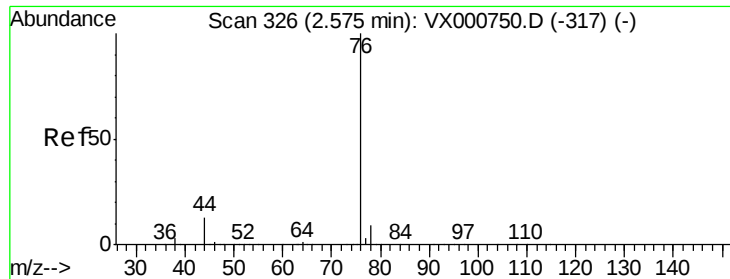
Tgt Ion: 43 Resp: 13433

Ion Ratio Lower Upper

43 100

58 31.3 24.6 37.0

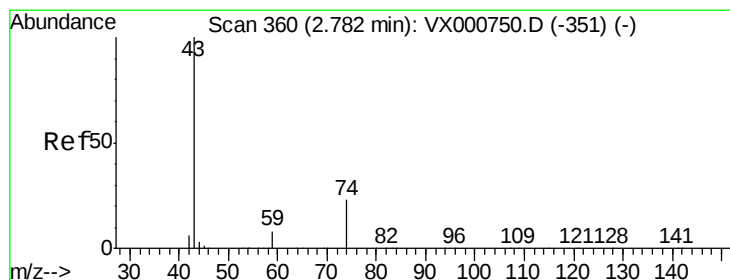
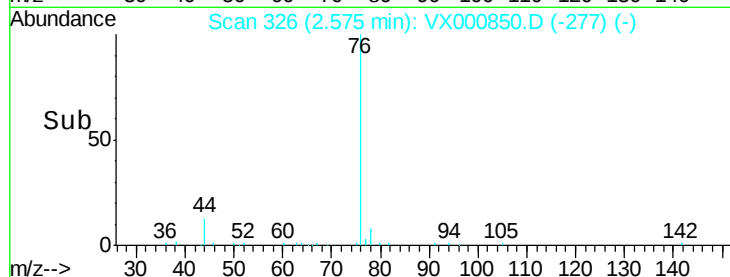
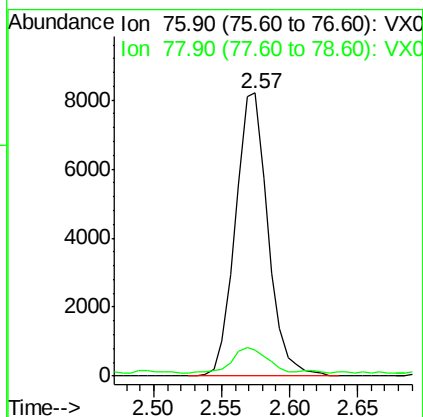
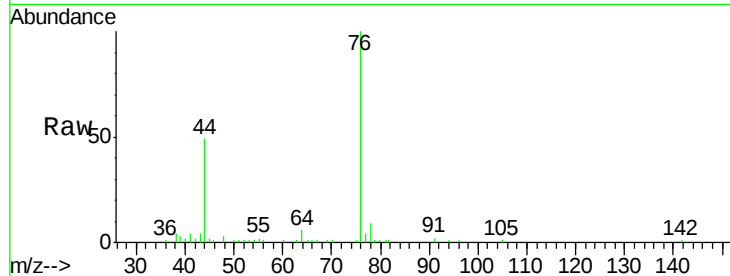




#17
Carbon Disulfide
Concen: 2.00 ug/l
RT: 2.57 min Scan# 326
Delta R.T. -0.00 min
Lab File: VX000850.D
Acq: 13 Apr 2018 15:33

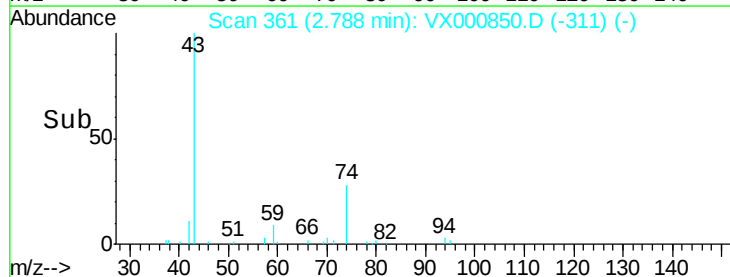
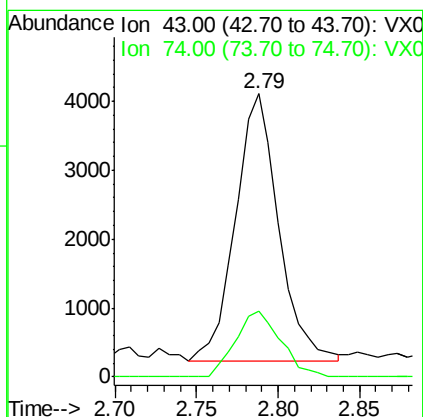
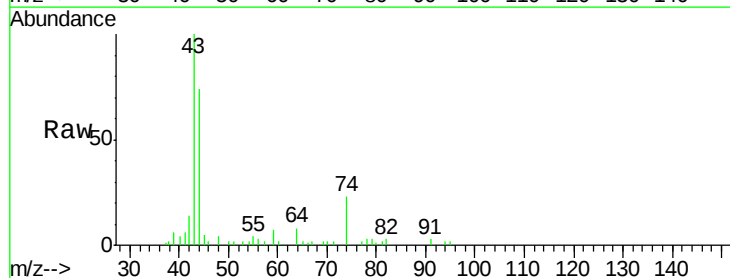
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2018

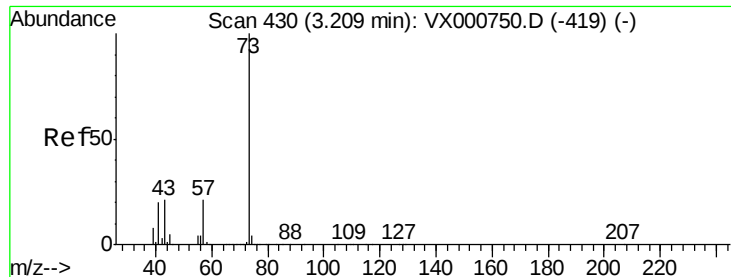
Tgt Ion: 76 Resp: 13671
Ion Ratio Lower Upper
76 100
78 8.2 7.4 11.2



#18
Methyl Acetate
Concen: 2.59 ug/l
RT: 2.79 min Scan# 361
Delta R.T. 0.01 min
Lab File: VX000850.D
Acq: 13 Apr 2018 15:33

Tgt Ion: 43 Resp: 7171
Ion Ratio Lower Upper
43 100
74 25.6 19.1 28.7

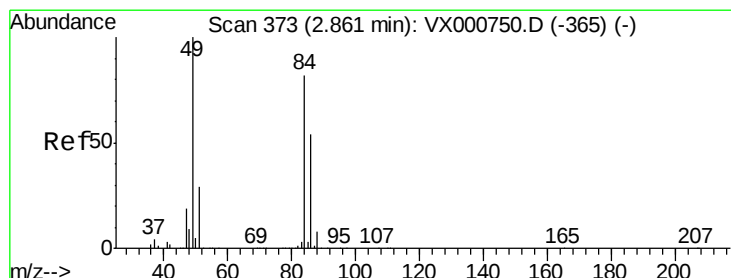
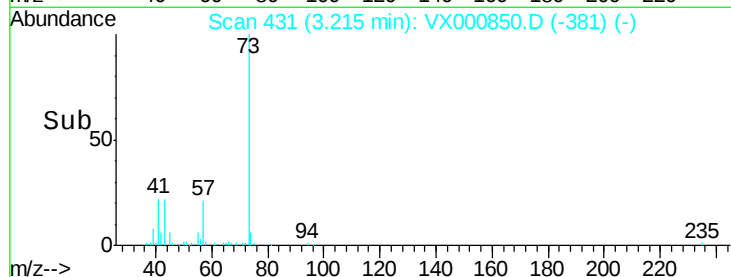
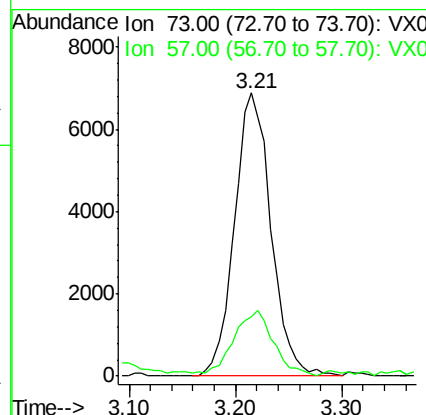
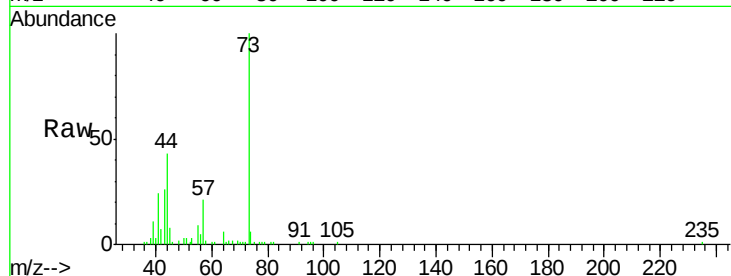




#19
Methyl tert-butyl Ether
Concen: 2.20 ug/l
RT: 3.21 min Scan# 431
Delta R.T. 0.01 min
Lab File: VX000850.D
Acq: 13 Apr 2018 15:33

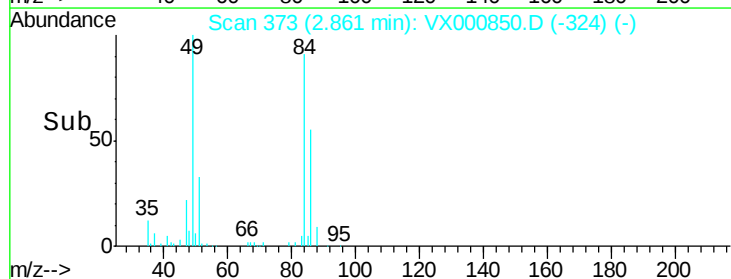
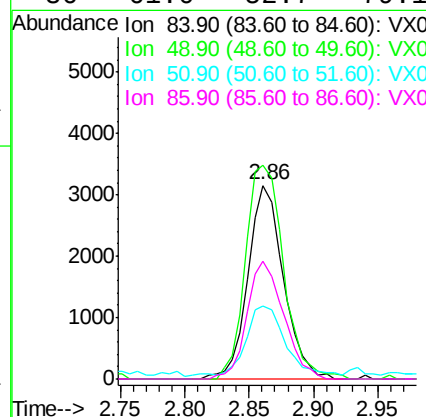
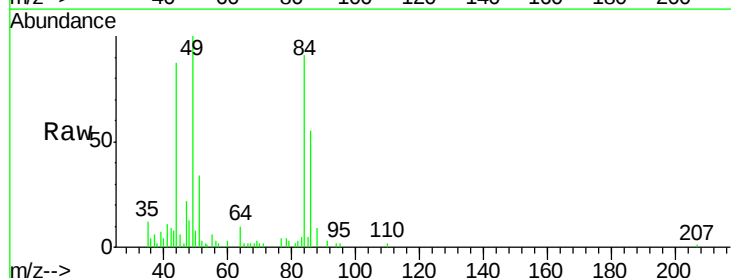
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2018

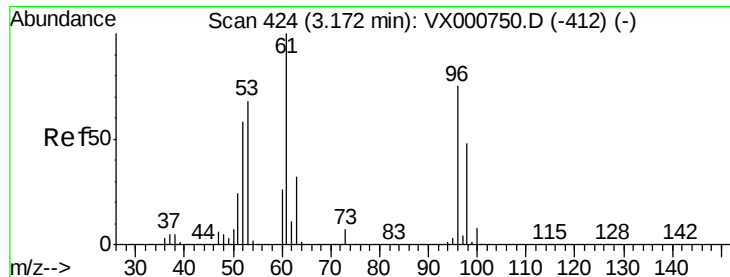
Tgt Ion: 73 Resp: 16530
Ion Ratio Lower Upper
73 100
57 19.8 16.9 25.3



#20
Methylene Chloride
Concen: 2.40 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX000850.D
Acq: 13 Apr 2018 15:33

Tgt Ion: 84 Resp: 5973
Ion Ratio Lower Upper
84 100
49 110.2 98.1 147.1
51 36.0 28.9 43.3
86 61.0 52.7 79.1





#21

trans-1,2-Dichloroethene

Concen: 2.16 ug/l

RT: 3.17 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX000850.D

Acq: 13 Apr 2018 15:33

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2018

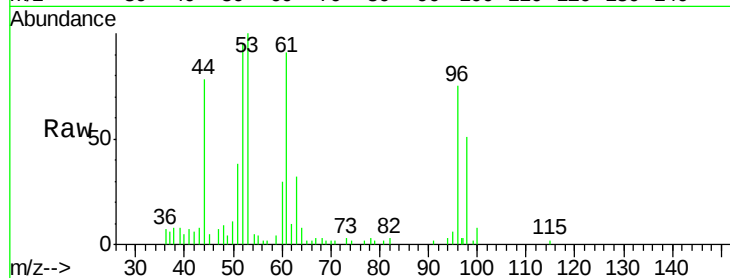
Tgt Ion: 96 Resp: 5386

Ion Ratio Lower Upper

96 100

61 122.1 106.2 159.2

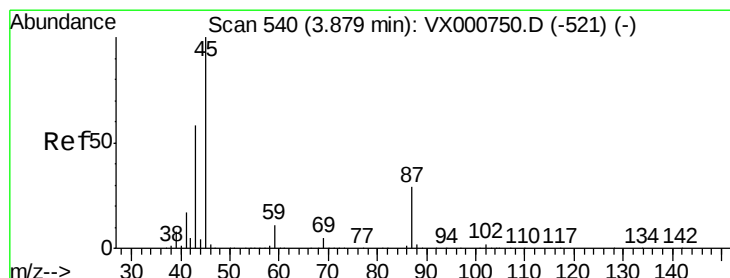
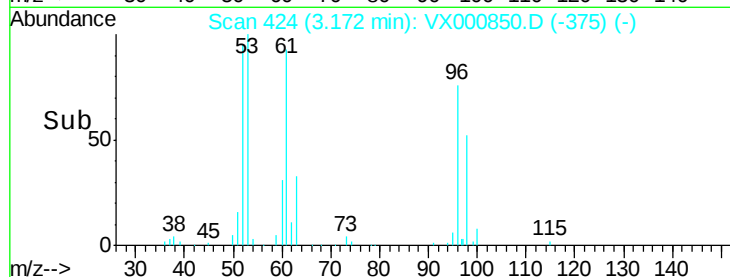
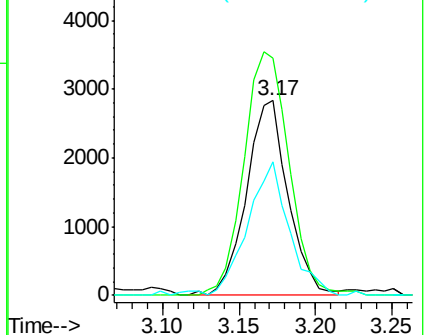
98 68.6 51.2 76.8



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: 2.29 ug/l

RT: 3.89 min Scan# 541

Delta R.T. 0.01 min

Lab File: VX000850.D

Acq: 13 Apr 2018 15:33

Tgt Ion: 45 Resp: 17549

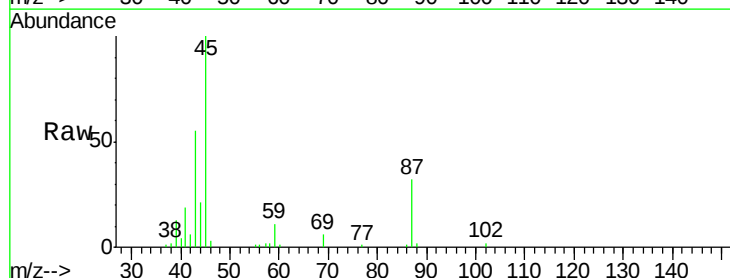
Ion Ratio Lower Upper

45 100

43 51.7 46.6 69.8

87 31.9 22.9 34.3

59 11.4 9.2 13.8

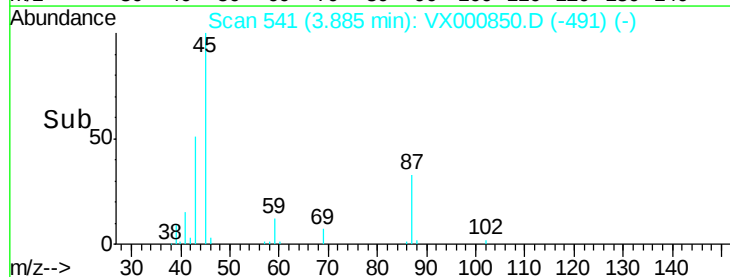
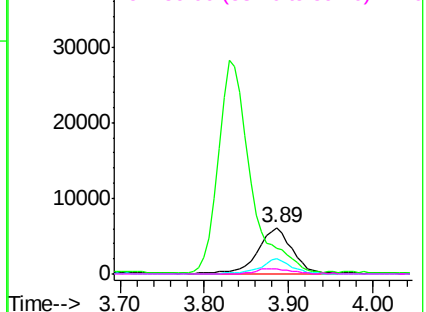


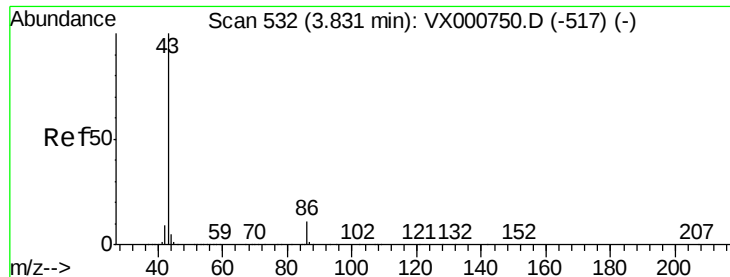
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 10.92 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX000850.D

Acq: 13 Apr 2018 15:33

Instrument :

MSVOA_X

ClientSampleId :

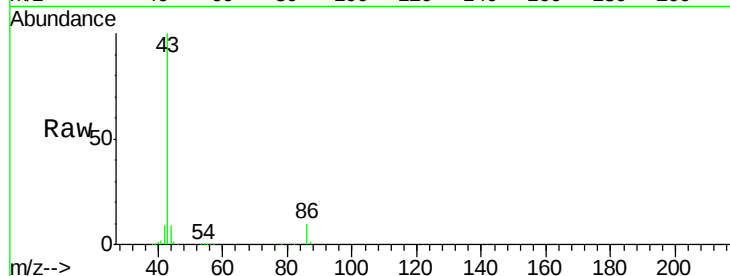
LOQ-WATER-02-QT2-2018

Tgt Ion: 43 Resp: 73536

Ion Ratio Lower Upper

43 100

86 10.4 8.6 12.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

30000

25000

20000

15000

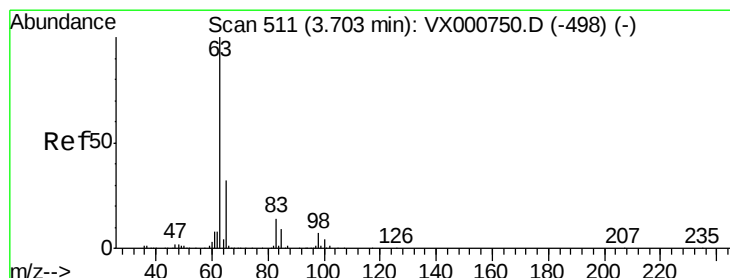
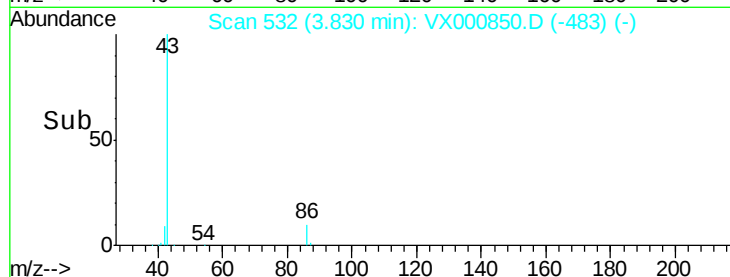
10000

5000

0

Time--> 3.70 3.80 3.90 4.00

3.83



#24

1,1-Dichloroethane

Concen: 2.24 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.00 min

Lab File: VX000850.D

Acq: 13 Apr 2018 15:33

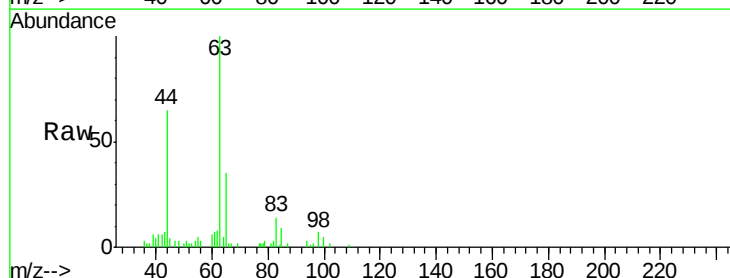
Tgt Ion: 63 Resp: 9651

Ion Ratio Lower Upper

63 100

98 7.0 3.3 9.9

100 5.1 2.1 6.3



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

5000

4000

3000

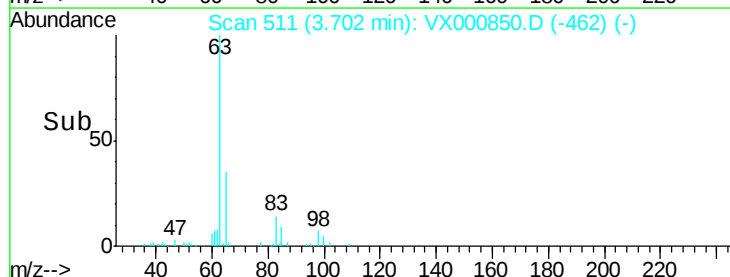
2000

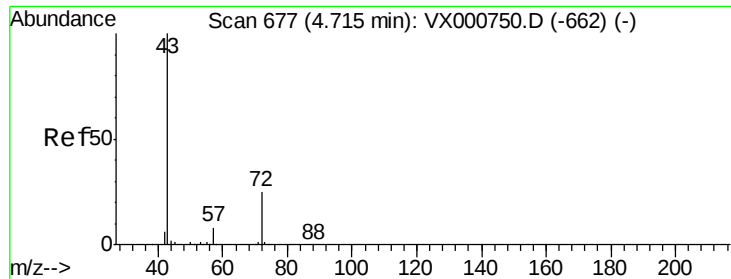
1000

0

Time--> 3.60 3.65 3.70 3.75 3.80

3.70





#25

2-Butanone

Concen: 12.42 ug/l

RT: 4.73 min Scan# 679

Delta R.T. 0.01 min

Lab File: VX000850.D

Acq: 13 Apr 2018 15:33

Instrument :

MSVOA_X

ClientSampleId :

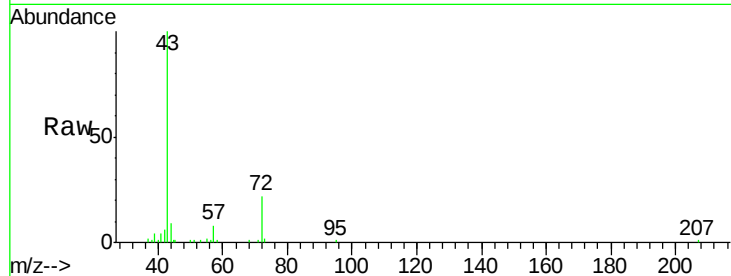
LOQ-WATER-02-QT2-2018

Tgt Ion: 43 Resp: 21941

Ion Ratio Lower Upper

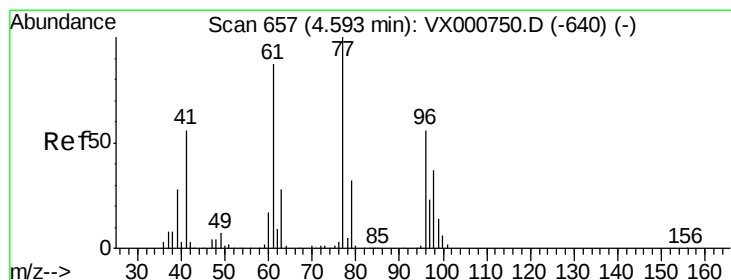
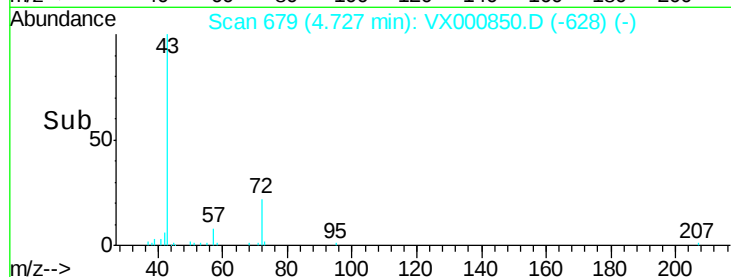
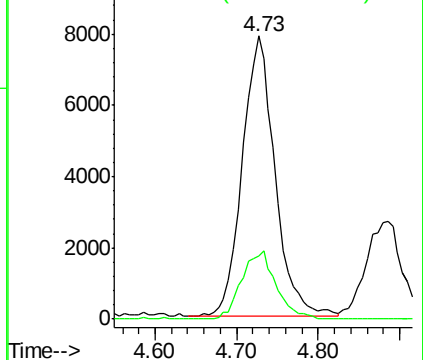
43 100

72 22.4 20.3 30.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 2.00 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX000850.D

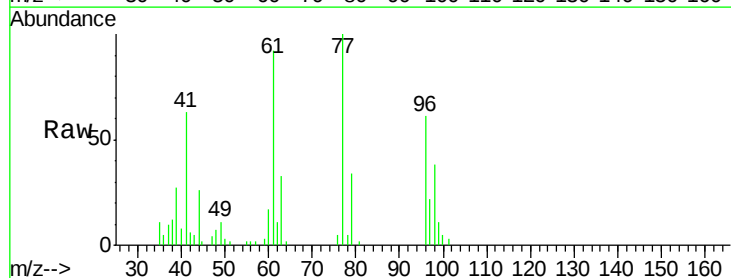
Acq: 13 Apr 2018 15:33

Tgt Ion: 77 Resp: 8566

Ion Ratio Lower Upper

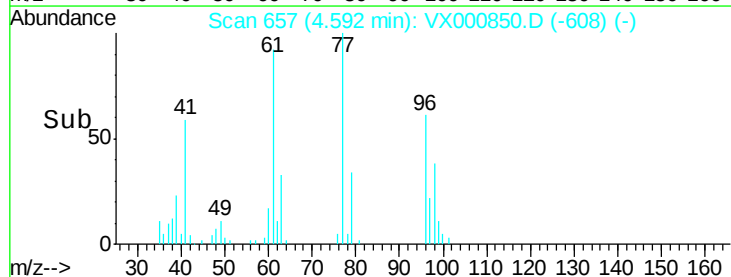
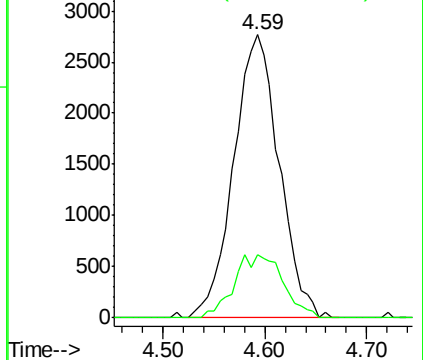
77 100

97 23.9 11.5 34.4



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: 2.26 ug/l

RT: 4.61 min Scan# 660

Delta R.T. 0.01 min

Lab File: VX000850.D

Acq: 13 Apr 2018 15:33

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2018

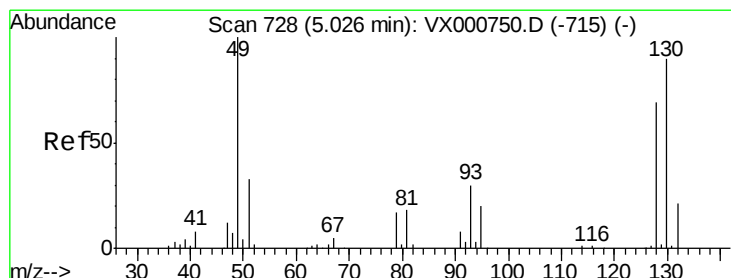
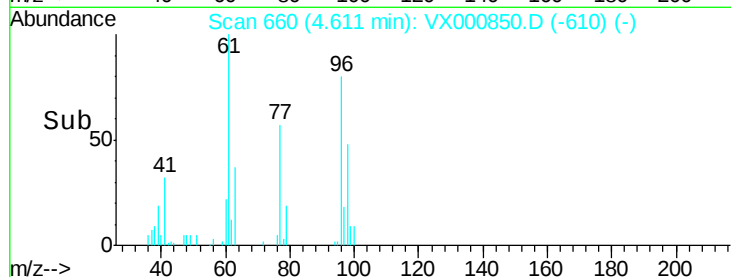
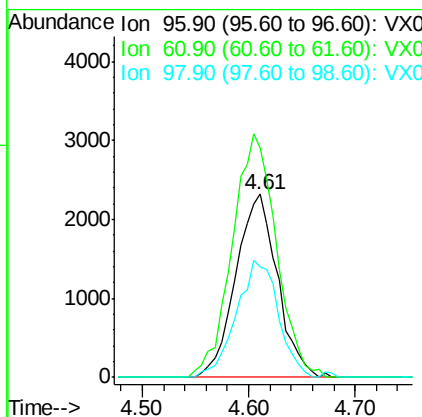
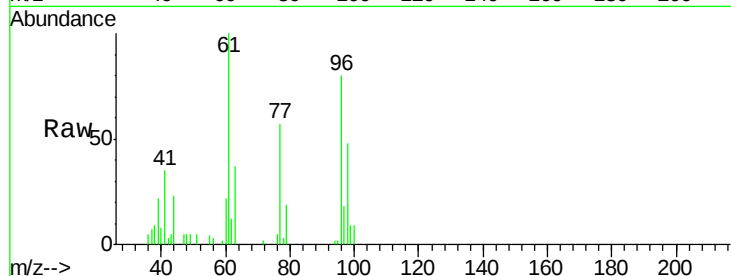
Tgt Ion: 96 Resp: 6371

Ion Ratio Lower Upper

96 100

61 140.2 0.0 292.4

98 64.1 0.0 130.2



#28

Bromochloromethane

Concen: 2.45 ug/l

RT: 5.03 min Scan# 728

Delta R.T. -0.00 min

Lab File: VX000850.D

Acq: 13 Apr 2018 15:33

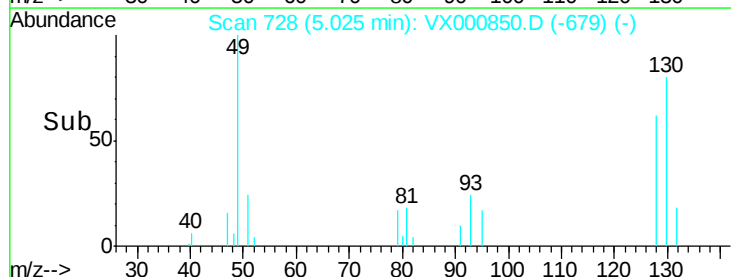
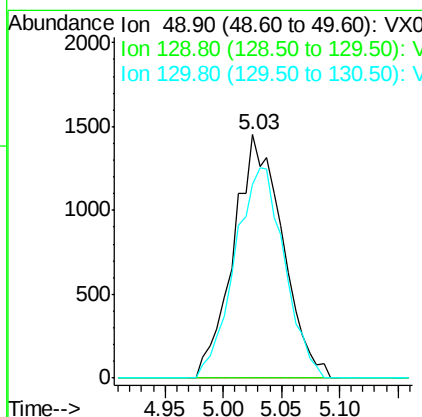
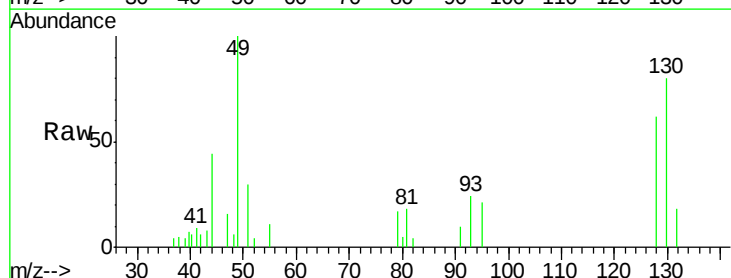
Tgt Ion: 49 Resp: 4240

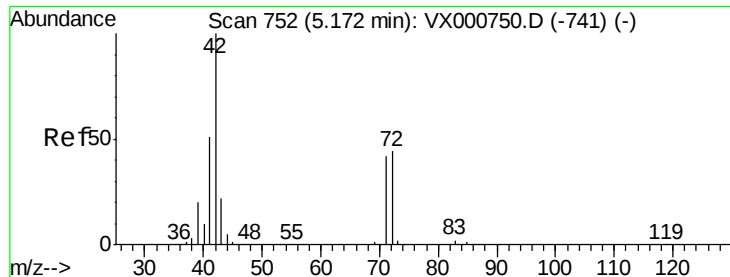
Ion Ratio Lower Upper

49 100

129 0.0 0.0 5.2

130 87.5 72.6 109.0





#29

Tetrahydrofuran

Concen: 13.15 ug/l

RT: 5.18 min Scan# 754

Delta R.T. 0.01 min

Lab File: VX000850.D

Acq: 13 Apr 2018 15:33

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2018

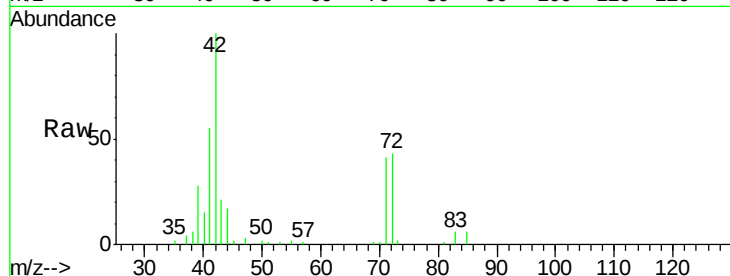
Tgt Ion: 42 Resp: 14749

Ion Ratio Lower Upper

42 100

72 41.7 35.1 52.7

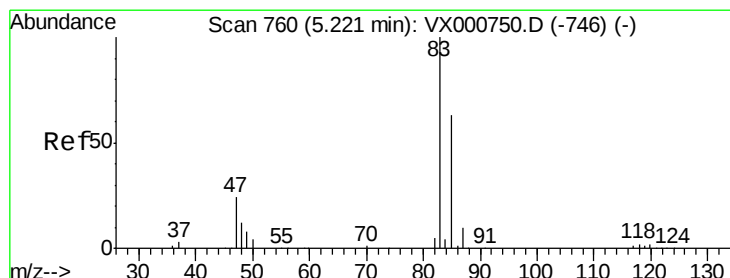
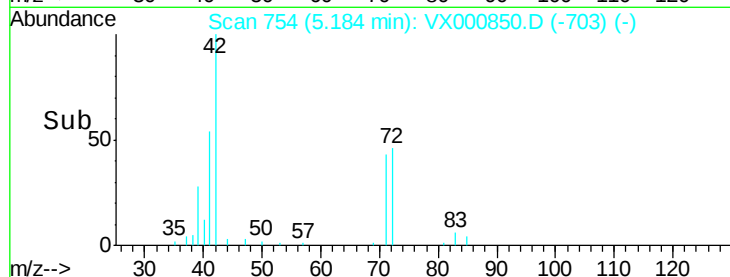
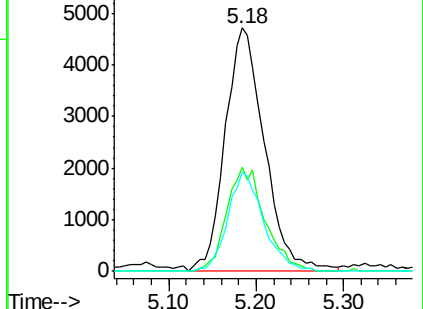
71 37.1 32.8 49.2



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 2.11 ug/l

RT: 5.22 min Scan# 760

Delta R.T. -0.00 min

Lab File: VX000850.D

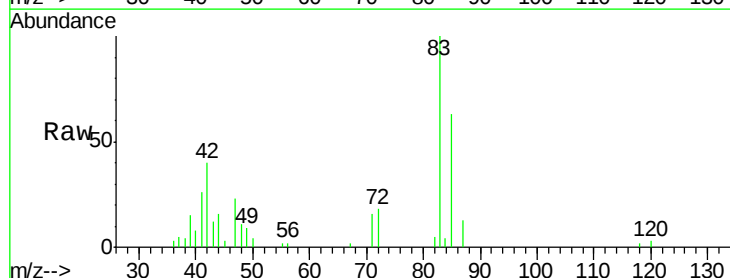
Acq: 13 Apr 2018 15:33

Tgt Ion: 83 Resp: 9597

Ion Ratio Lower Upper

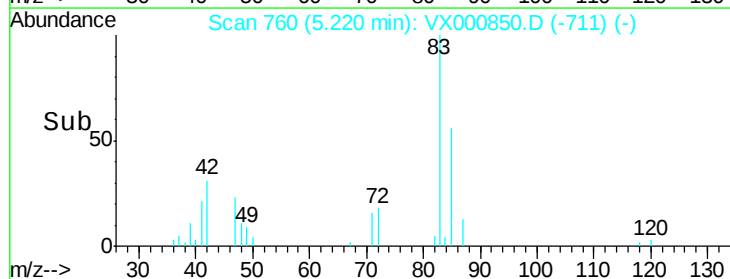
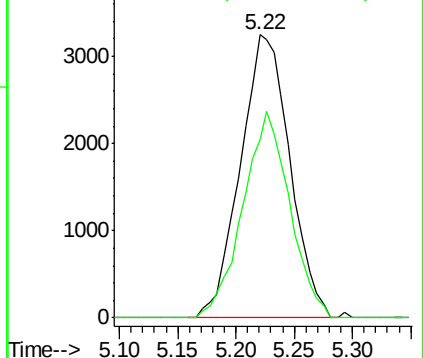
83 100

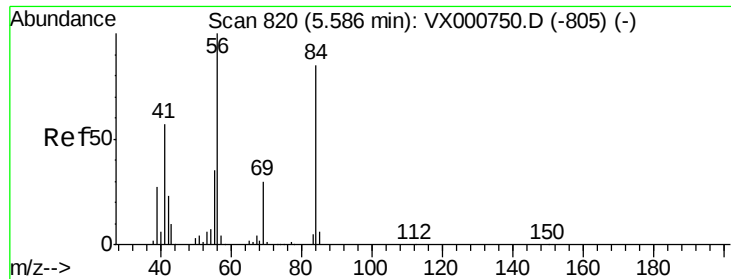
85 62.9 50.7 76.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

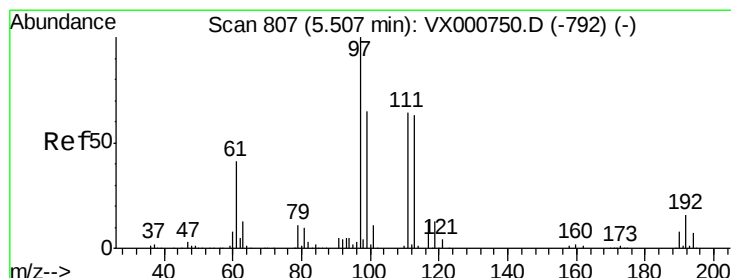
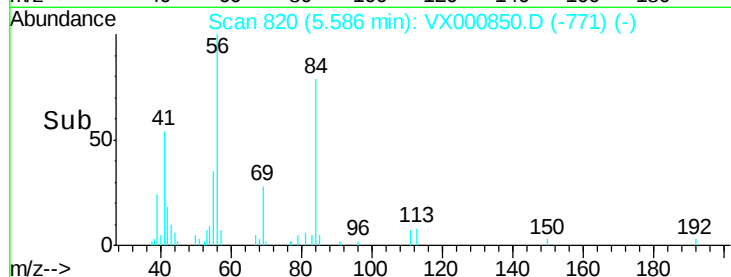
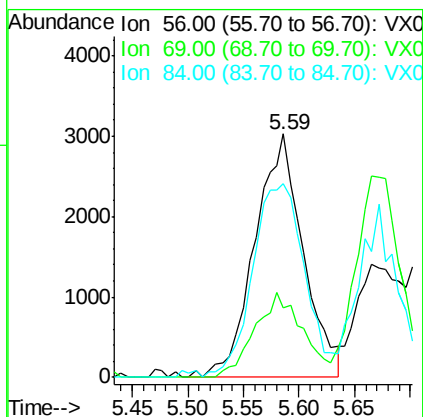
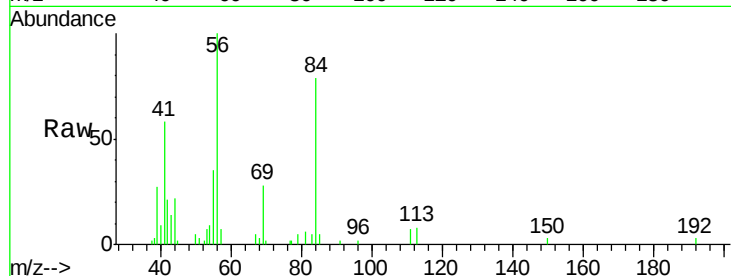




#31
Cyclohexane
Concen: 2.23 ug/l
RT: 5.59 min Scan# 820
Delta R.T. -0.00 min
Lab File: VX000850.D
Acq: 13 Apr 2018 15:33

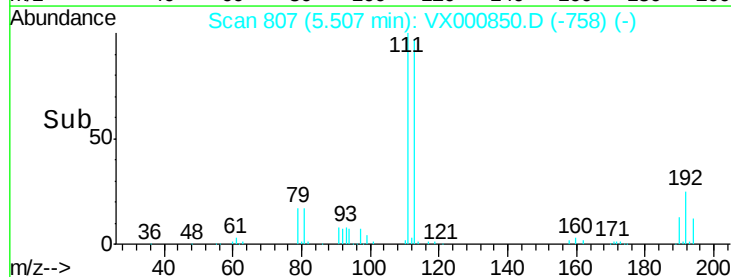
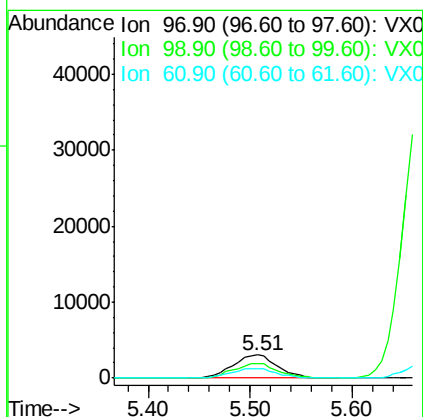
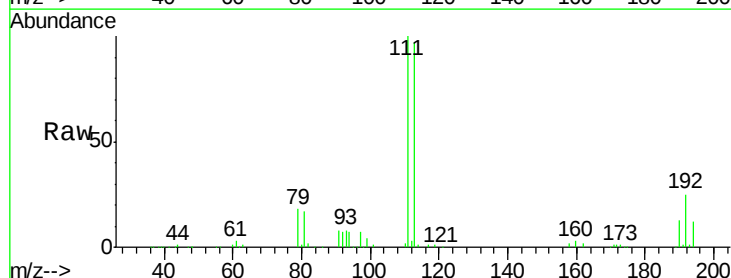
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2018

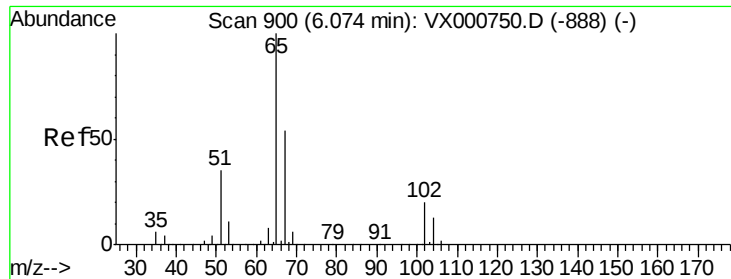
Tgt Ion: 56 Resp: 9126
Ion Ratio Lower Upper
56 100
69 28.4 24.2 36.4
84 77.4 67.6 101.4



#32
1,1,1-Trichloroethane
Concen: 2.10 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.00 min
Lab File: VX000850.D
Acq: 13 Apr 2018 15:33

Tgt Ion: 97 Resp: 9131
Ion Ratio Lower Upper
97 100
99 62.9 51.4 77.0
61 42.2 33.7 50.5





#33

1,2-Dichloroethane-d4

Concen: 49.68 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.01 min

Lab File: VX000850.D

Acq: 13 Apr 2018 15:33

Instrument :

MSVOA_X

ClientSampleId :

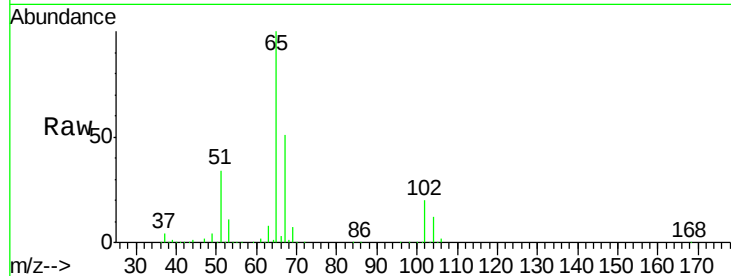
LOQ-WATER-02-QT2-2018

Tgt Ion: 65 Resp: 154053

Ion Ratio Lower Upper

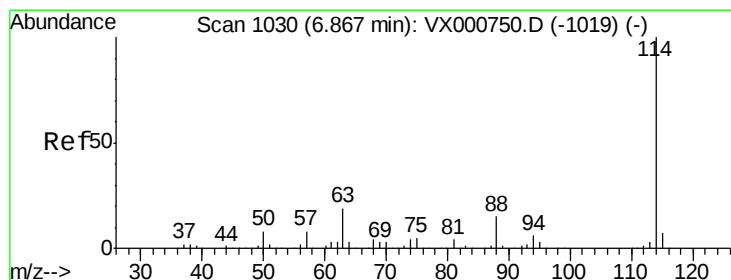
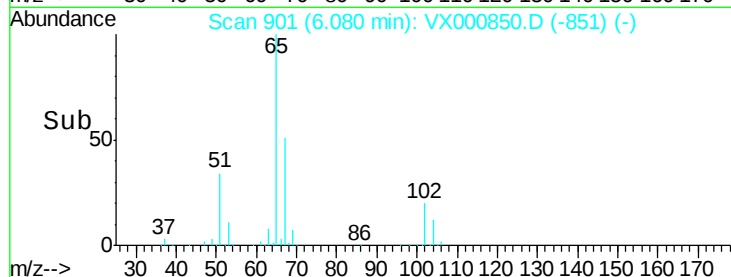
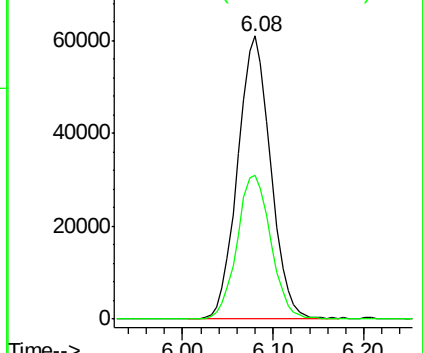
65 100

67 52.1 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VX000850.D

Acq: 13 Apr 2018 15:33

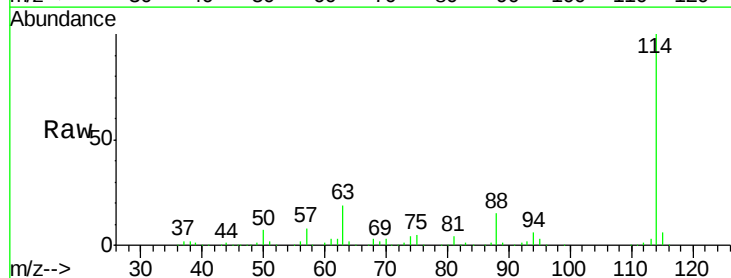
Tgt Ion: 114 Resp: 331583

Ion Ratio Lower Upper

114 100

63 19.2 0.0 38.4

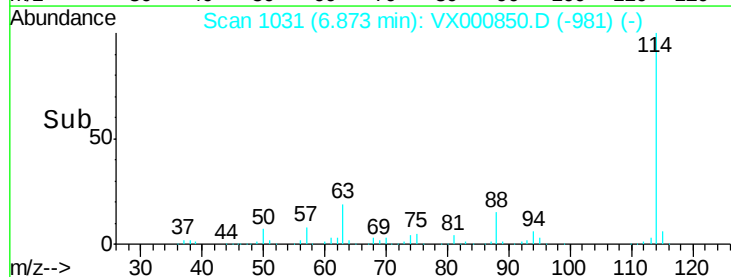
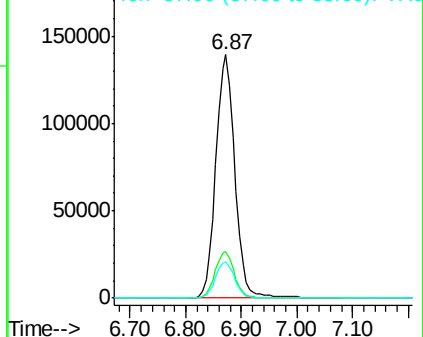
88 14.9 0.0 31.0

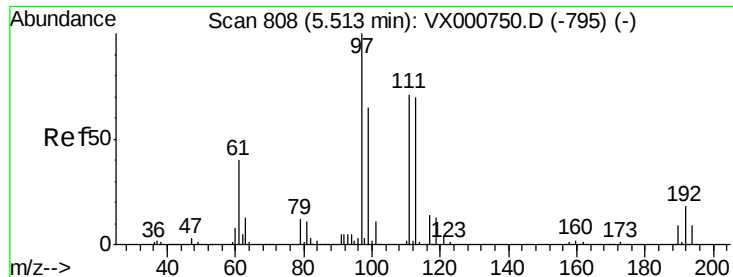


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

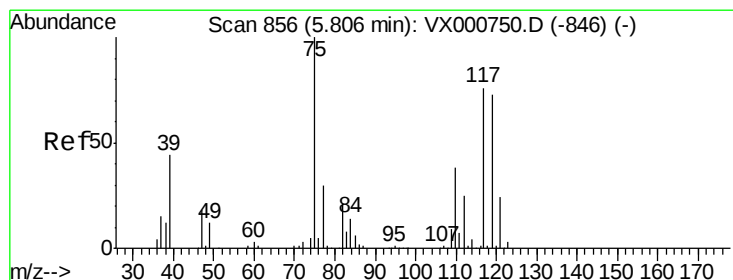
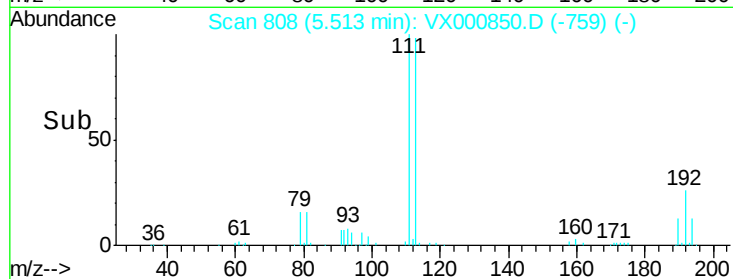
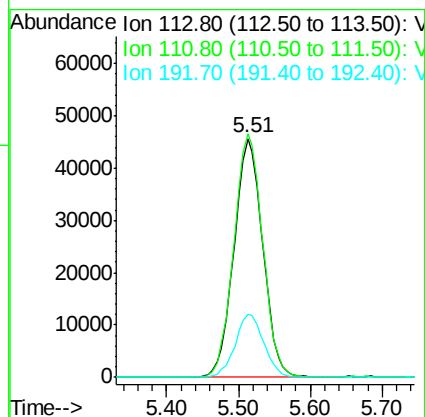
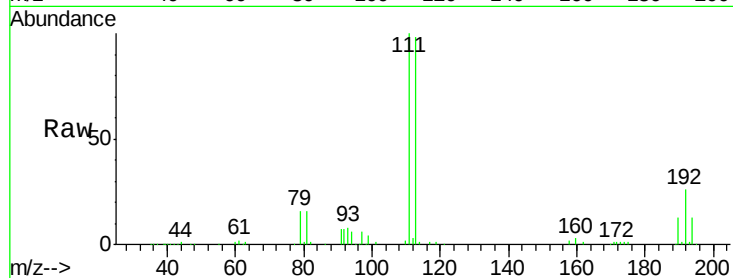




#35
 Dibromofluoromethane
 Concen: 49.62 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: VX000850.D
 Acq: 13 Apr 2018 15:33

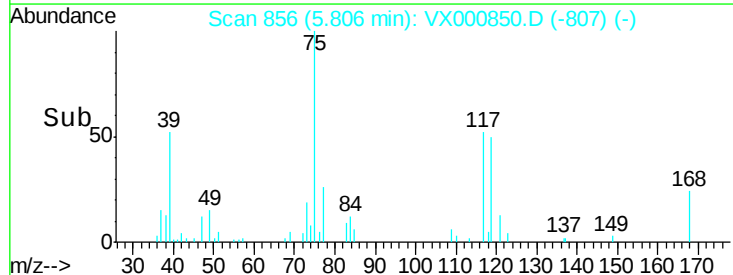
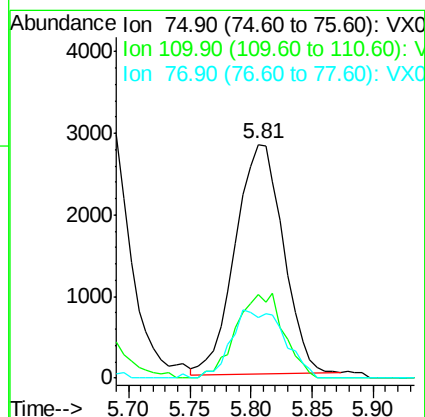
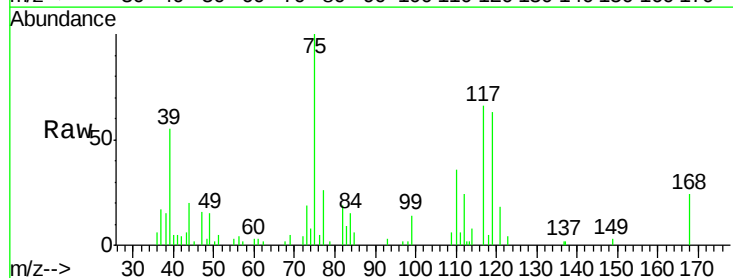
Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT2-2018

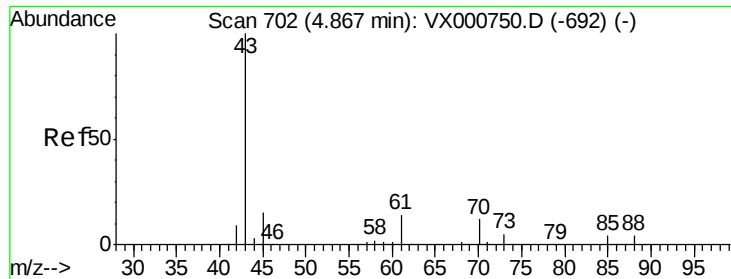
Tgt Ion:113 Resp: 126774
 Ion Ratio Lower Upper
 113 100
 111 102.4 81.5 122.3
 192 26.1 20.4 30.6



#36
 1,1-Dichloropropene
 Concen: 2.10 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. -0.00 min
 Lab File: VX000850.D
 Acq: 13 Apr 2018 15:33

Tgt Ion: 75 Resp: 7679
 Ion Ratio Lower Upper
 75 100
 110 36.6 19.2 57.6
 77 0.0 25.4 38.2#

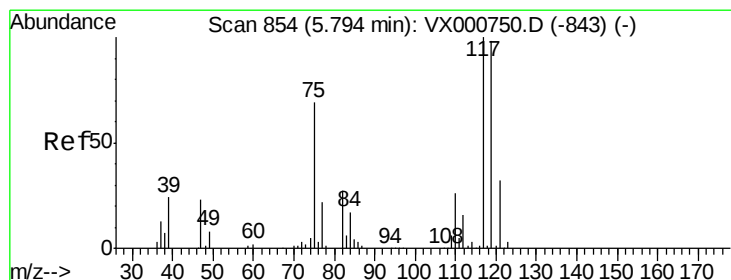
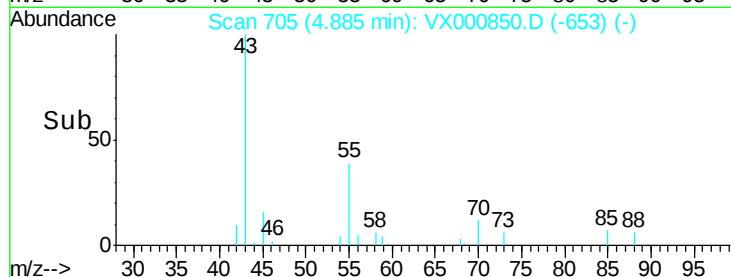
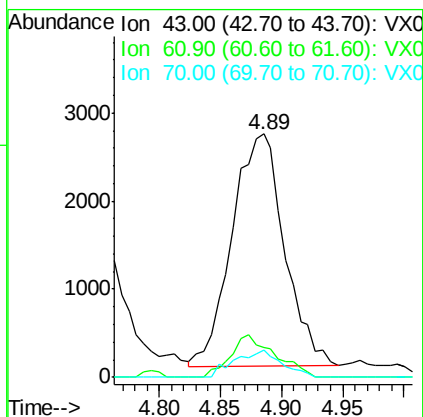
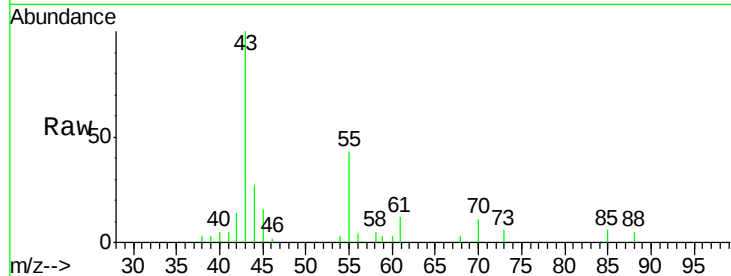




#37
Ethyl Acetate
Concen: 2.21 ug/l
RT: 4.89 min Scan# 705
Delta R.T. 0.02 min
Lab File: VX000850.D
Acq: 13 Apr 2018 15:33

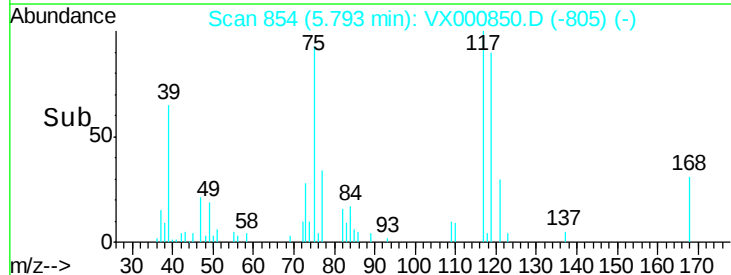
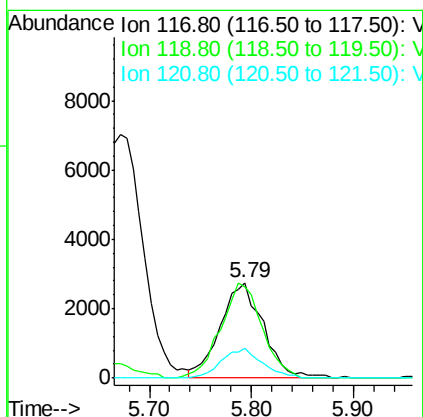
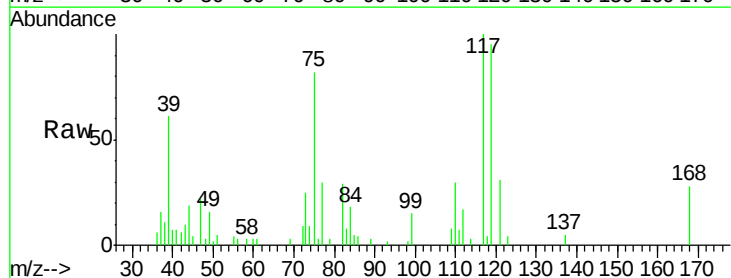
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2018

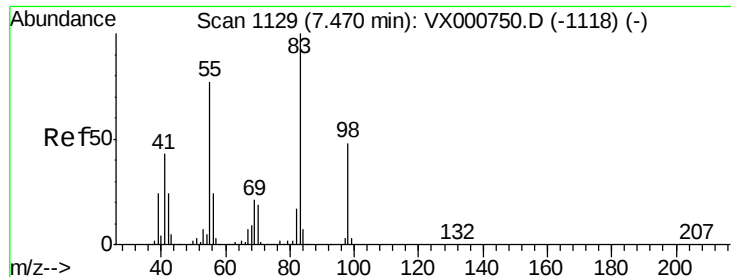
Tgt Ion: 43 Resp: 7861
Ion Ratio Lower Upper
43 100
61 15.5 11.0 16.4
70 10.6 8.7 13.1



#38
Carbon Tetrachloride
Concen: 1.97 ug/l
RT: 5.79 min Scan# 854
Delta R.T. -0.00 min
Lab File: VX000850.D
Acq: 13 Apr 2018 15:33

Tgt Ion: 117 Resp: 8059
Ion Ratio Lower Upper
117 100
119 95.1 78.4 117.6
121 31.3 25.4 38.0

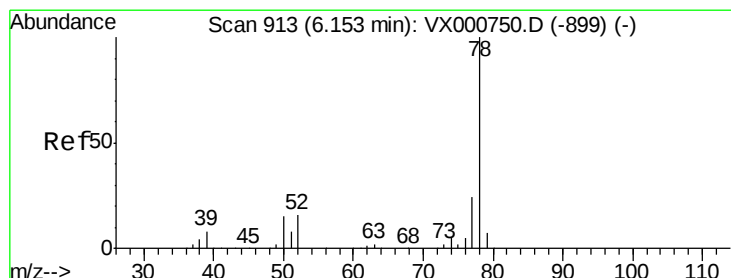
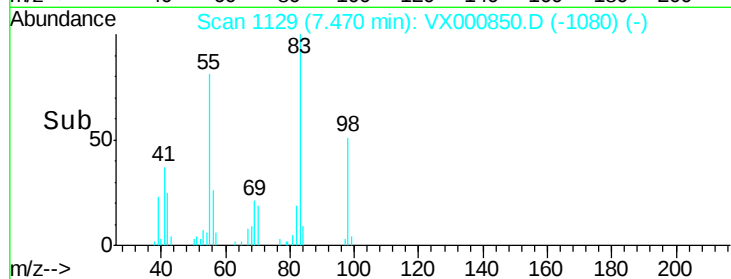
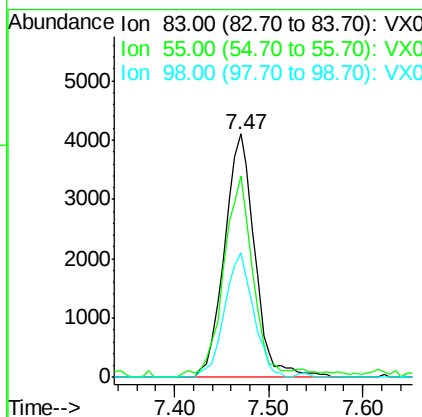
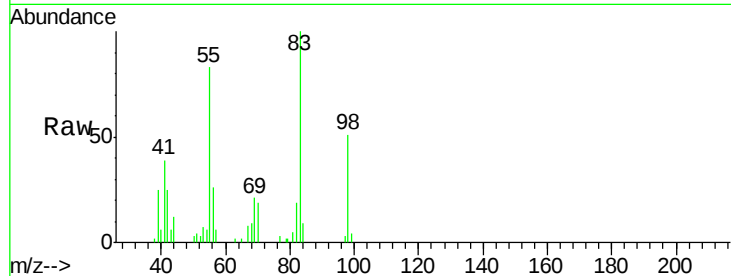




#39
Methylcyclohexane
Concen: 2.08 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX000850.D
Acq: 13 Apr 2018 15:33

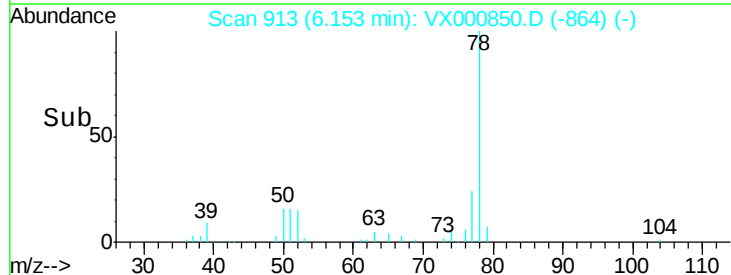
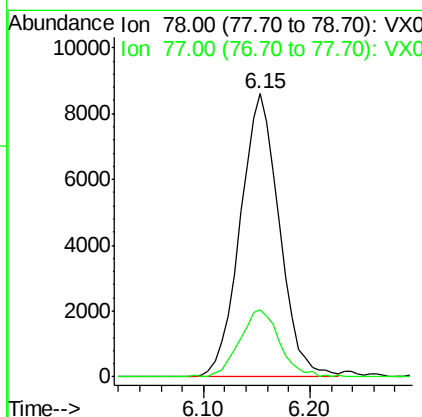
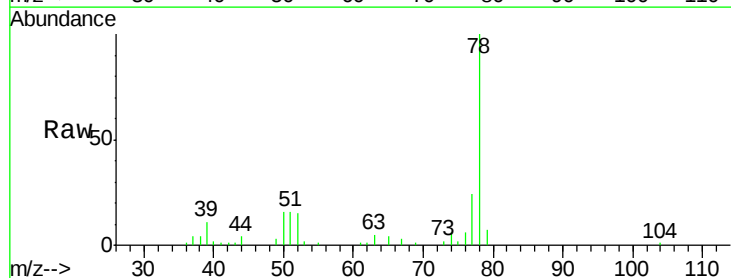
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2018

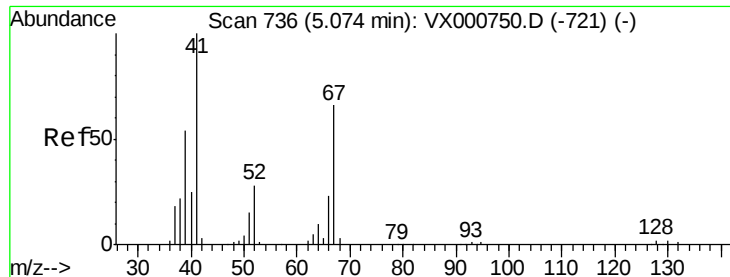
Tgt Ion: 83 Resp: 9137
Ion Ratio Lower Upper
83 100
55 80.2 61.5 92.3
98 51.4 38.1 57.1



#40
Benzene
Concen: 2.18 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX000850.D
Acq: 13 Apr 2018 15:33

Tgt Ion: 78 Resp: 22125
Ion Ratio Lower Upper
78 100
77 23.8 19.0 28.6

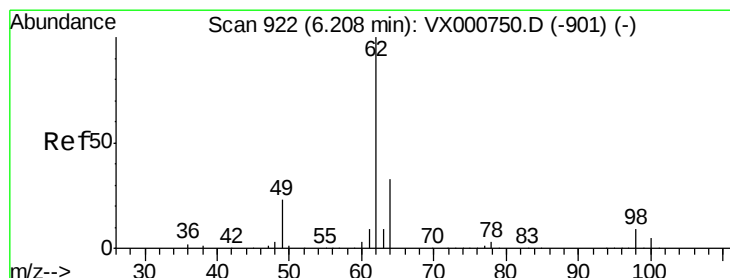
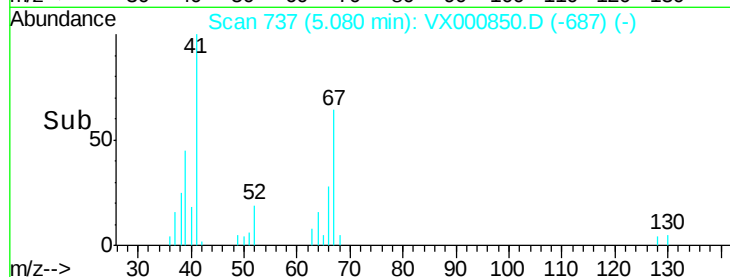
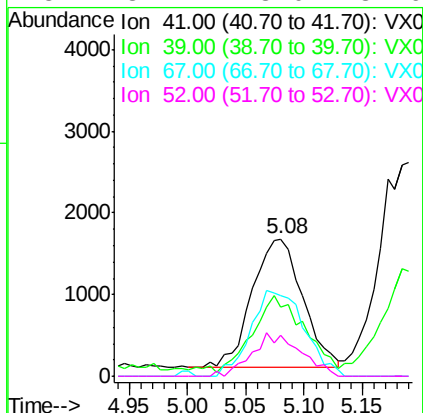
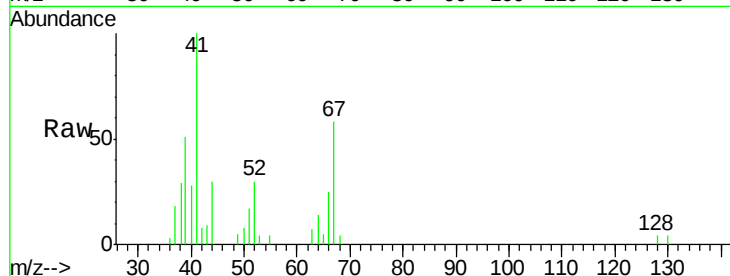




#41
Methacrylonitrile
Concen: 2.31 ug/l
RT: 5.08 min Scan# 737
Delta R.T. 0.01 min
Lab File: VX000850.D
Acq: 13 Apr 2018 15:33

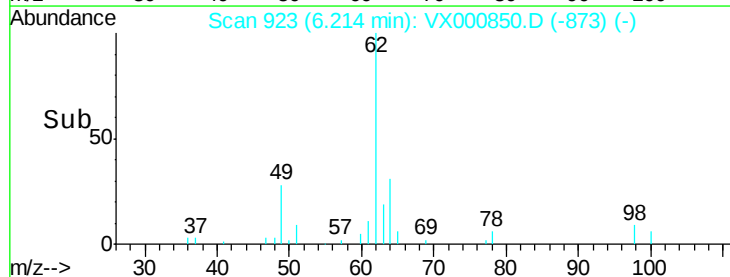
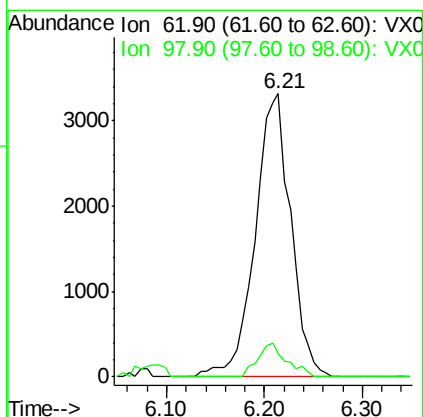
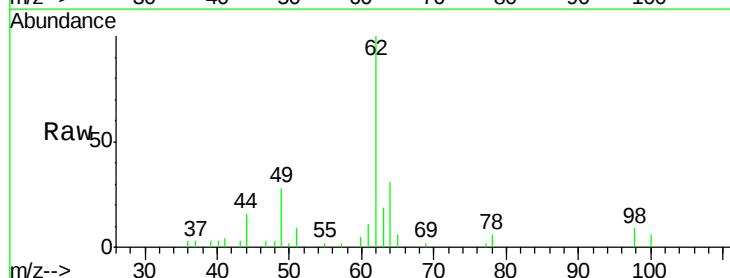
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2018

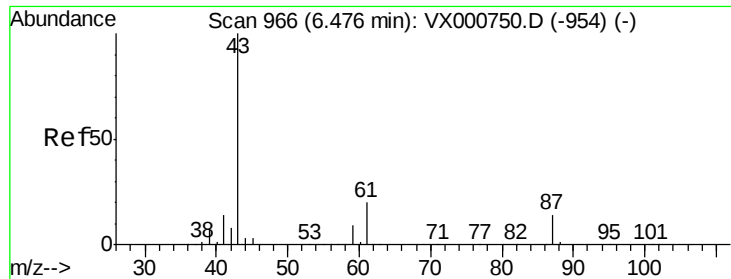
Tgt Ion:	41	Resp:	4750
Ion	Ratio	Lower	Upper
41	100		
39	59.2	44.9	67.3
67	69.7	54.7	82.1
52	32.2	23.0	34.6



#42
1,2-Dichloroethane
Concen: 2.21 ug/l
RT: 6.21 min Scan# 923
Delta R.T. 0.01 min
Lab File: VX000850.D
Acq: 13 Apr 2018 15:33

Tgt Ion:	62	Resp:	8381
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	18.6

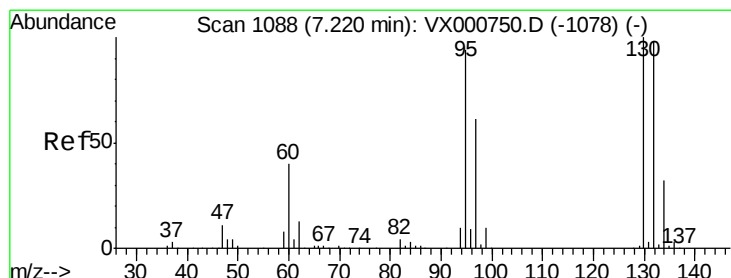
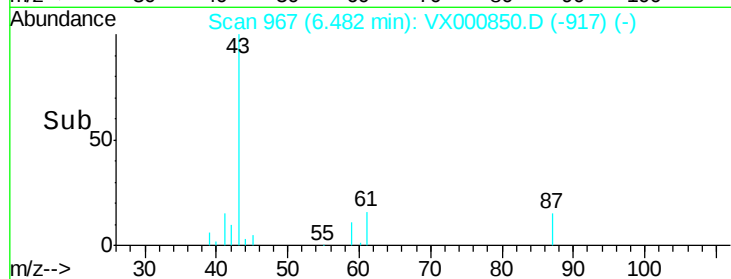
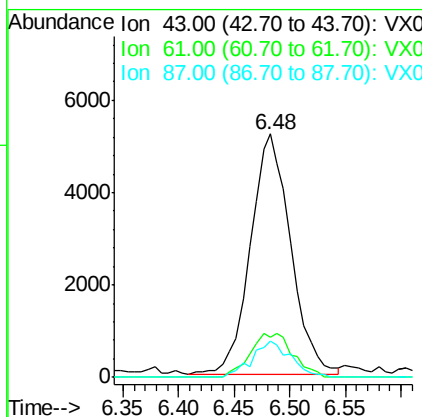
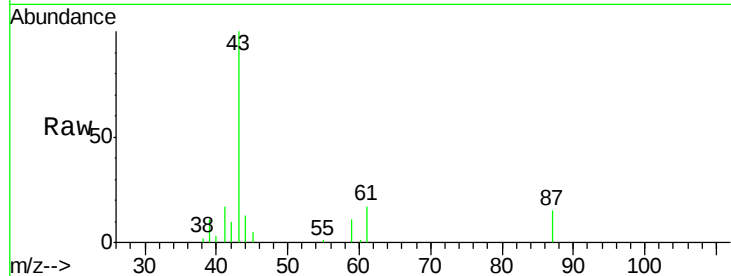




#43
Isopropyl Acetate
Concen: 2.16 ug/l
RT: 6.48 min Scan# 967
Delta R.T. 0.01 min
Lab File: VX000850.D
Acq: 13 Apr 2018 15:33

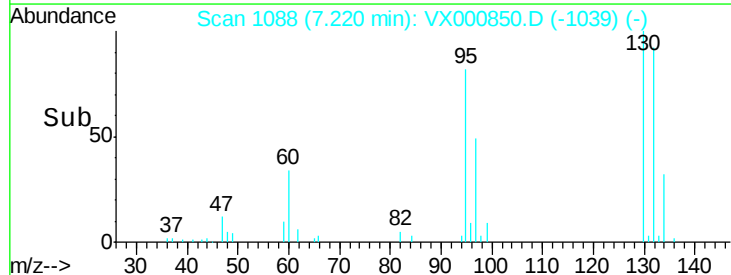
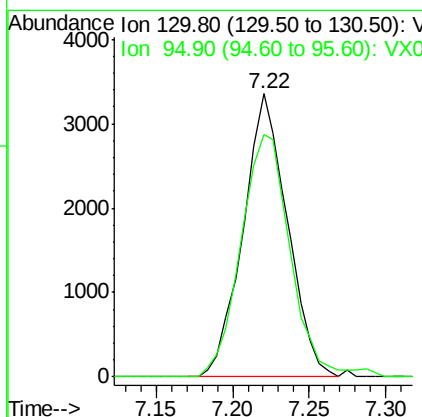
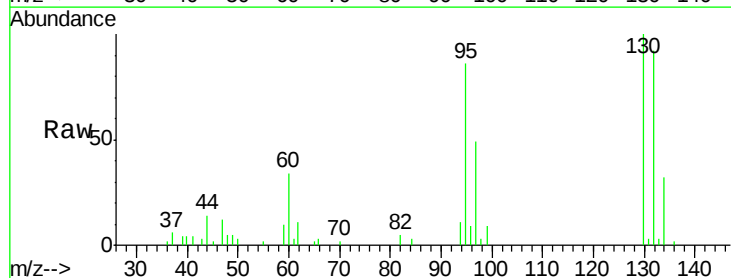
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2018

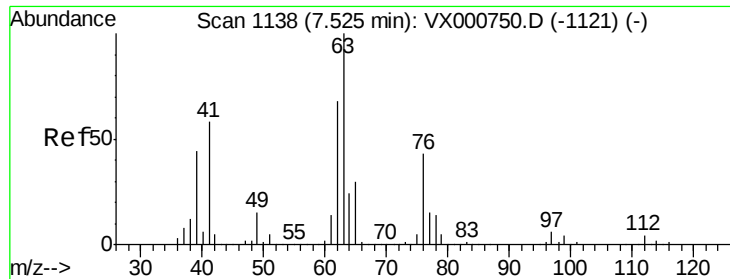
Tgt Ion: 43 Resp: 13177
Ion Ratio Lower Upper
43 100
61 19.2 15.6 23.4
87 14.4 10.7 16.1



#44
Trichloroethene
Concen: 2.13 ug/l
RT: 7.22 min Scan# 1088
Delta R.T. -0.00 min
Lab File: VX000850.D
Acq: 13 Apr 2018 15:33

Tgt Ion: 130 Resp: 6736
Ion Ratio Lower Upper
130 100
95 85.8 0.0 187.0

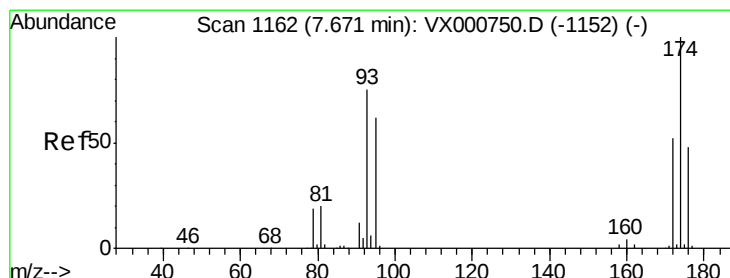
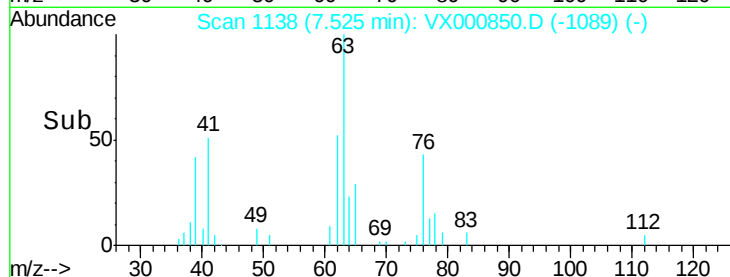
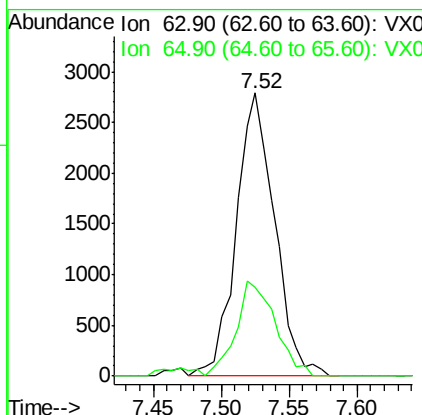
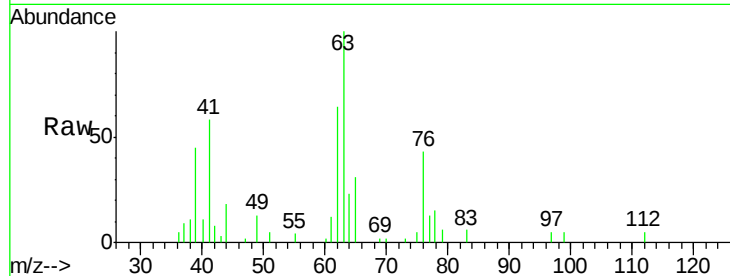




#45
 1,2-Dichloropropane
 Concen: 2.13 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VX000850.D
 Acq: 13 Apr 2018 15:33

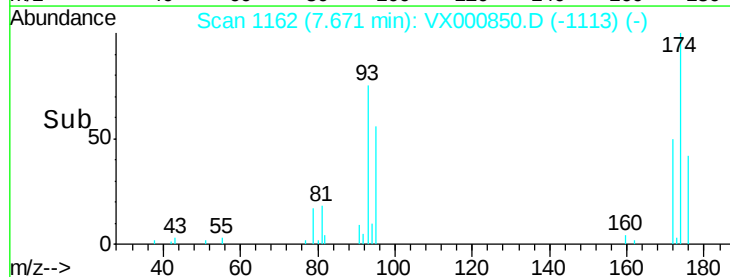
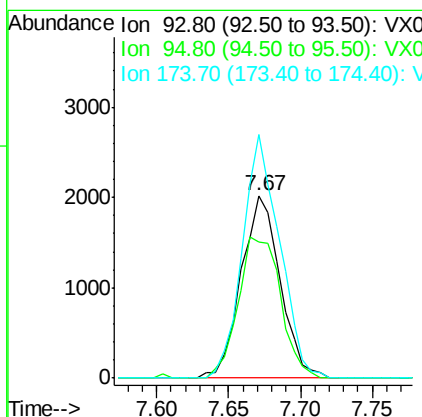
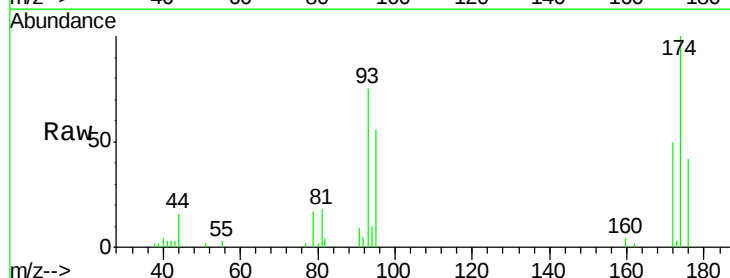
Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT2-2018

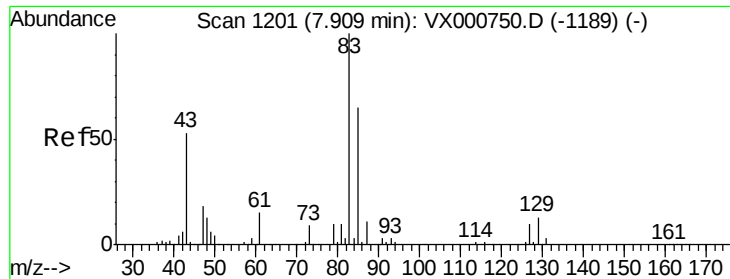
Tgt Ion: 63 Resp: 5497
 Ion Ratio Lower Upper
 63 100
 65 31.3 23.7 35.5



#46
 Dibromomethane
 Concen: 2.09 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: VX000850.D
 Acq: 13 Apr 2018 15:33

Tgt Ion: 93 Resp: 3773
 Ion Ratio Lower Upper
 93 100
 95 84.1 66.6 100.0
 174 127.2 104.5 156.7





#47

Bromodichloromethane

Concen: 1.92 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.01 min

Lab File: VX000850.D

Acq: 13 Apr 2018 15:33

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2018

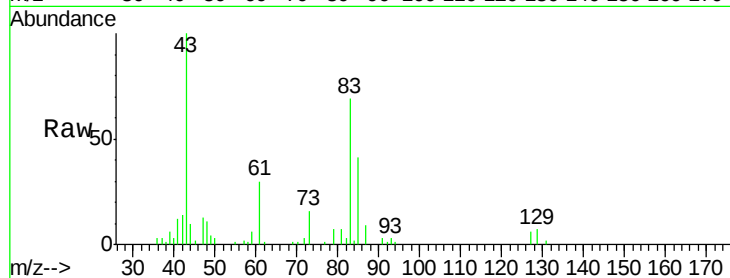
Tgt Ion: 83 Resp: 6980

Ion Ratio Lower Upper

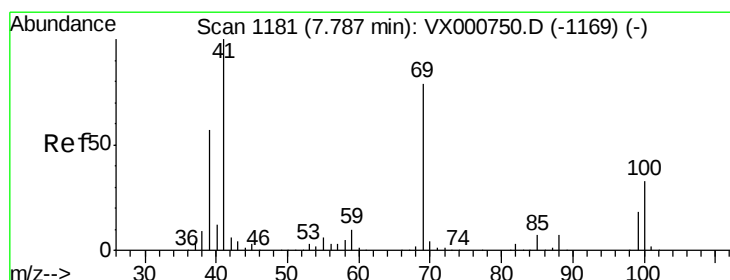
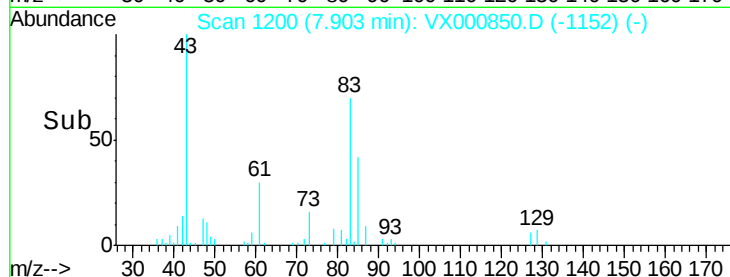
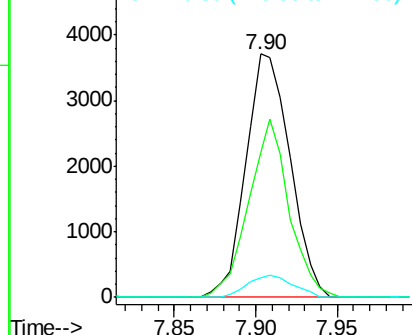
83 100

85 59.8 52.2 78.4

127 8.2 7.8 11.8



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: 2.17 ug/l

RT: 7.79 min Scan# 1182

Delta R.T. 0.01 min

Lab File: VX000850.D

Acq: 13 Apr 2018 15:33

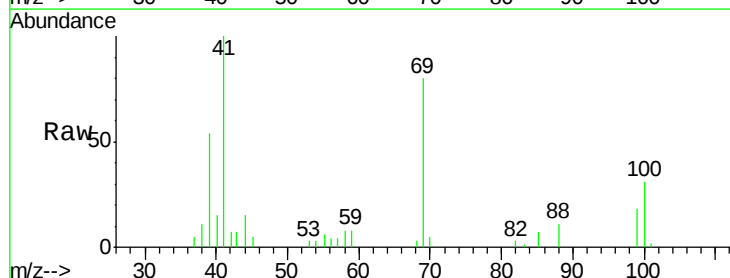
Tgt Ion: 41 Resp: 6863

Ion Ratio Lower Upper

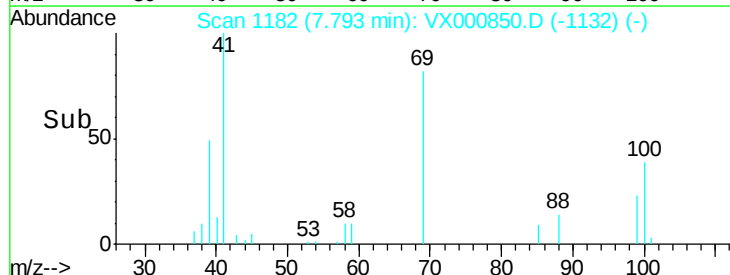
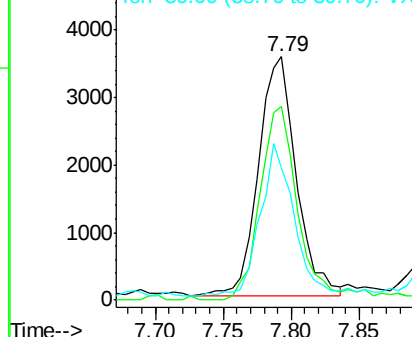
41 100

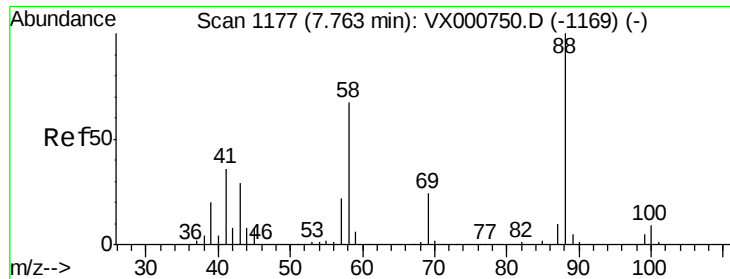
69 79.4 63.9 95.9

39 57.2 45.9 68.9



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

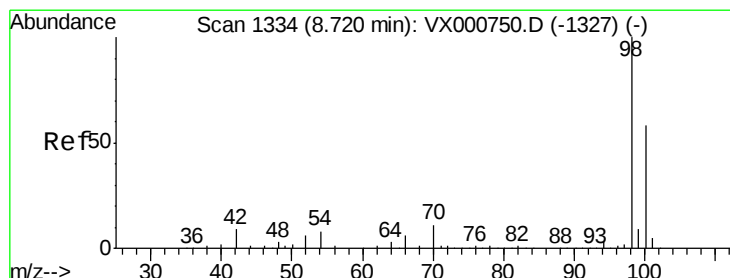
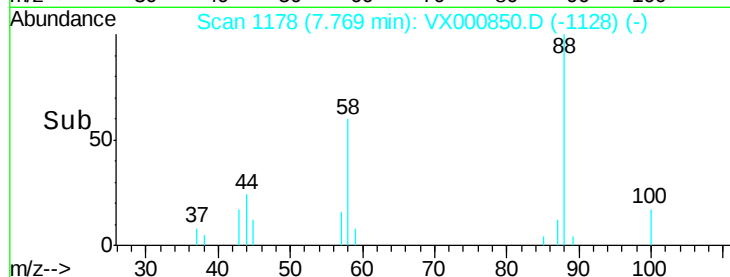
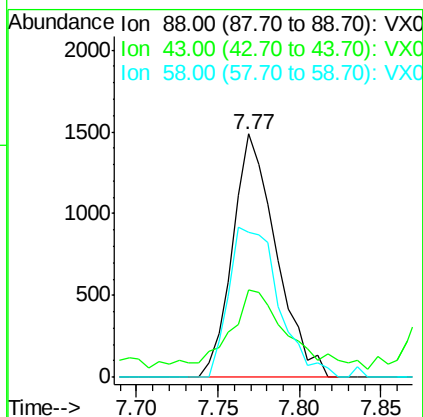
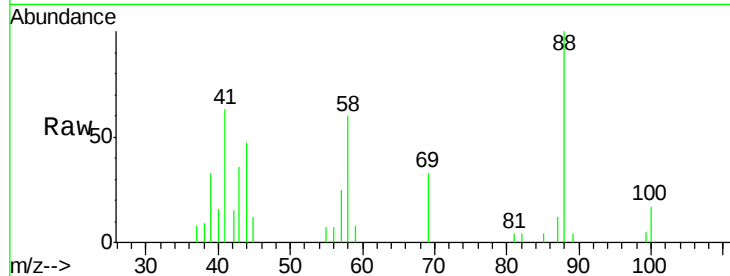




#49
1,4-Dioxane
Concen: 43.52 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. 0.01 min
Lab File: VX000850.D
Acq: 13 Apr 2018 15:33

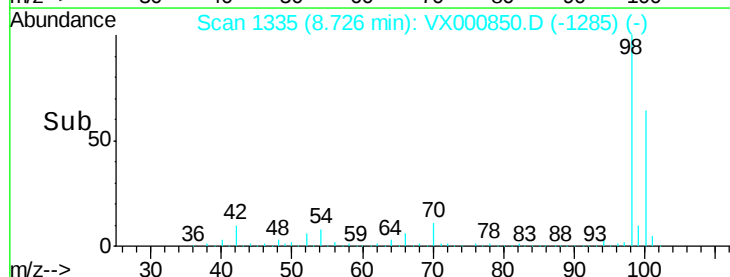
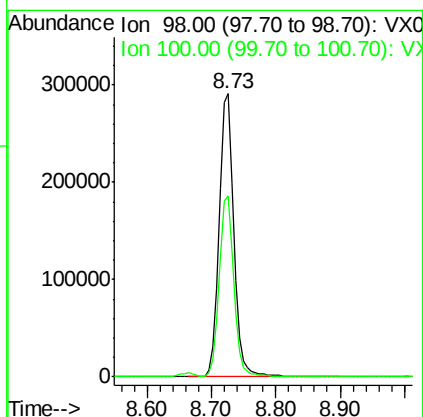
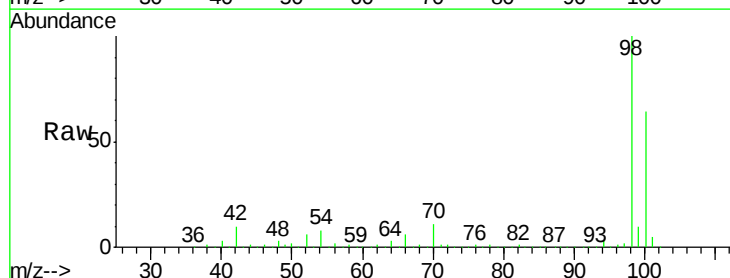
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2018

Tgt Ion: 88 Resp: 2771
Ion Ratio Lower Upper
88 100
43 42.9 25.8 38.8#
58 70.5 54.4 81.6



#50
Toluene-d8
Concen: 49.66 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. 0.01 min
Lab File: VX000850.D
Acq: 13 Apr 2018 15:33

Tgt Ion: 98 Resp: 472403
Ion Ratio Lower Upper
98 100
100 63.9 52.6 79.0





#51

4-Methyl-2-Pentanone

Concen: 11.12 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX000850.D

Acq: 13 Apr 2018 15:33

Instrument :

MSVOA_X

ClientSampleId :

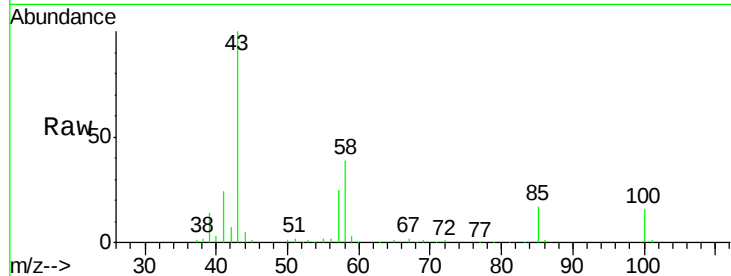
LOQ-WATER-02-QT2-2018

Tgt Ion: 43 Resp: 39941

Ion Ratio Lower Upper

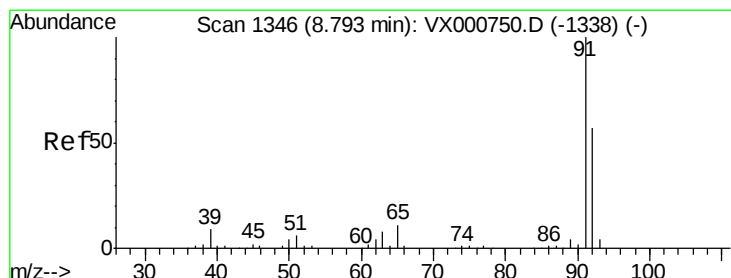
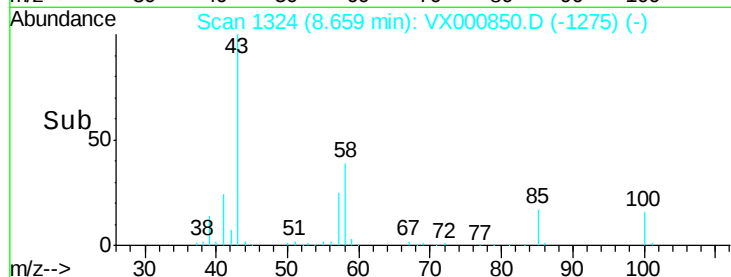
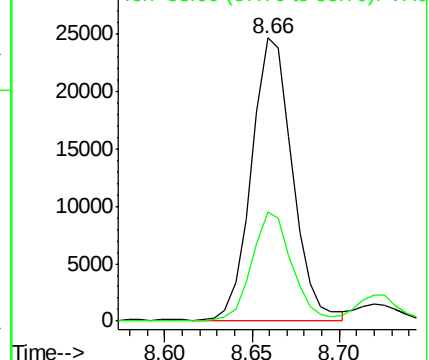
43 100

58 37.7 30.3 45.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 2.10 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000850.D

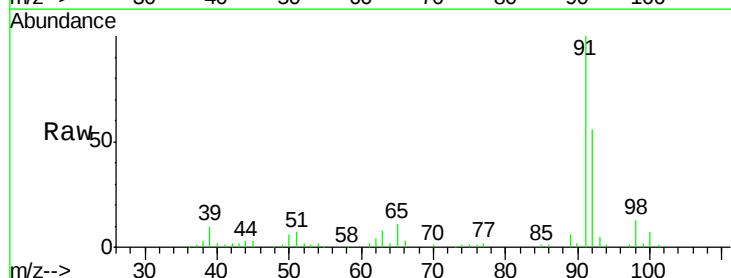
Acq: 13 Apr 2018 15:33

Tgt Ion: 92 Resp: 14105

Ion Ratio Lower Upper

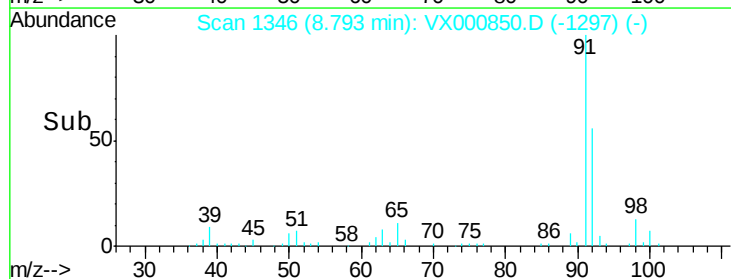
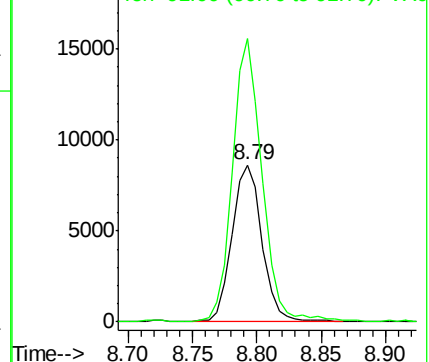
92 100

91 177.8 139.0 208.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

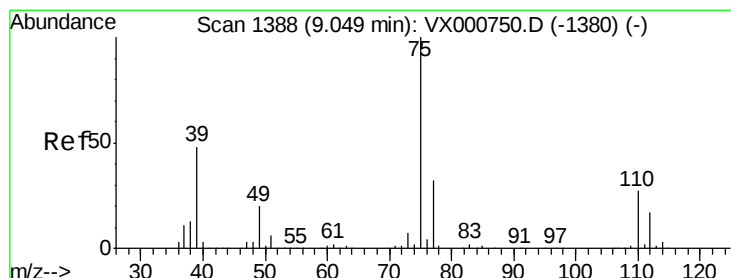
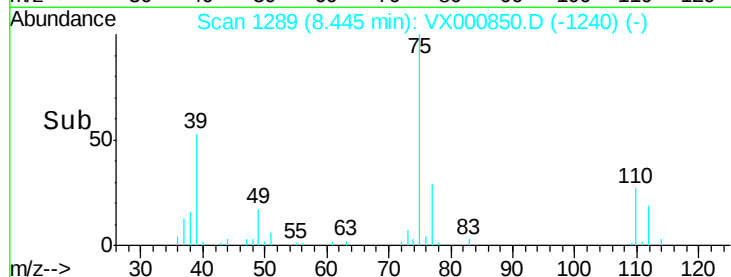
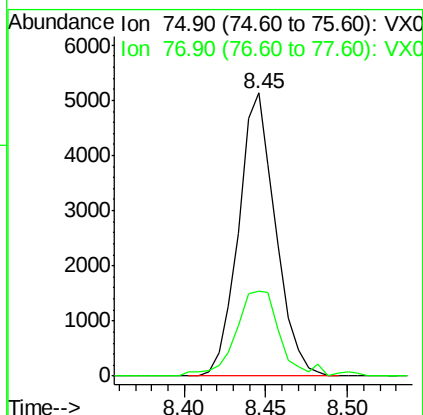
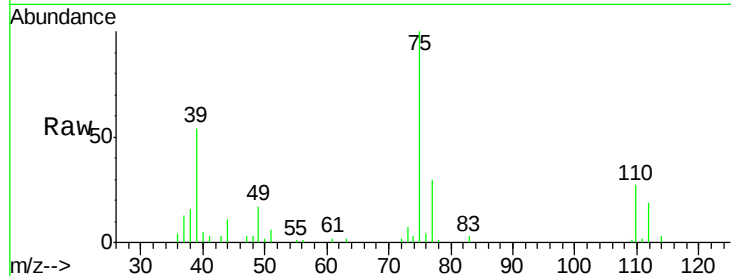




#53
t-1,3-Dichloropropene
Concen: 1.86 ug/l
RT: 8.45 min Scan# 1289
Delta R.T. -0.00 min
Lab File: VX000850.D
Acq: 13 Apr 2018 15:33

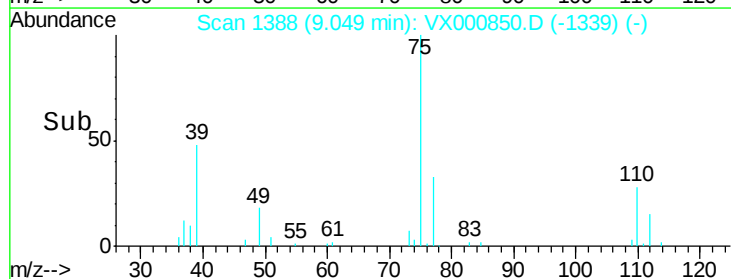
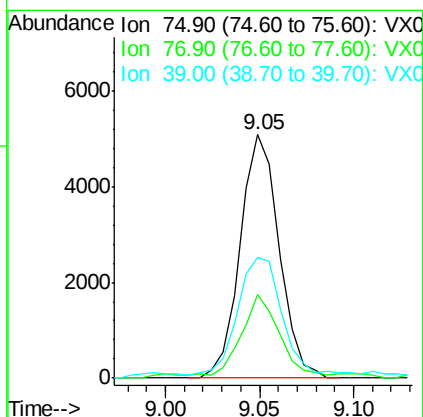
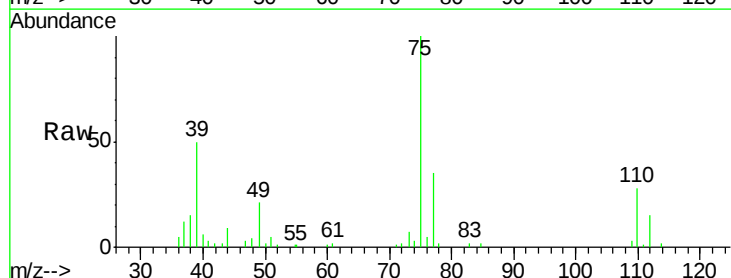
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2018

Tgt Ion: 75 Resp: 8094
Ion Ratio Lower Upper
75 100
77 28.8 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 1.72 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. -0.00 min
Lab File: VX000850.D
Acq: 13 Apr 2018 15:33

Tgt Ion: 75 Resp: 7283
Ion Ratio Lower Upper
75 100
77 33.6 25.4 38.2
39 48.3 38.6 58.0

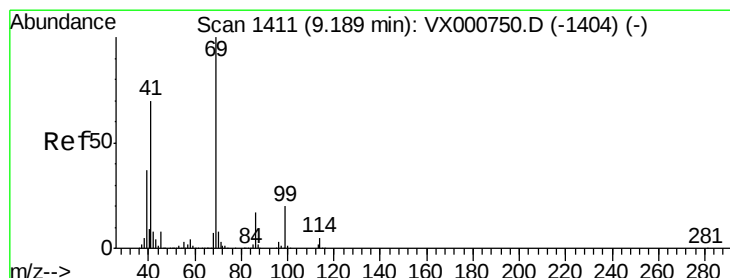
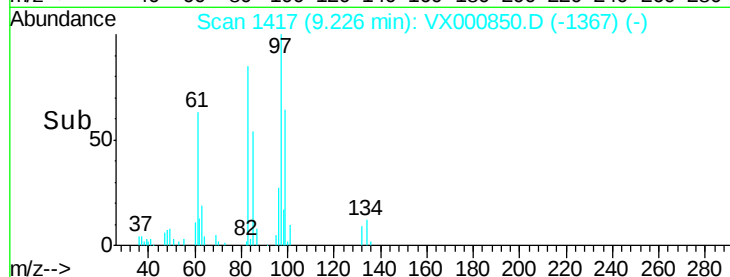
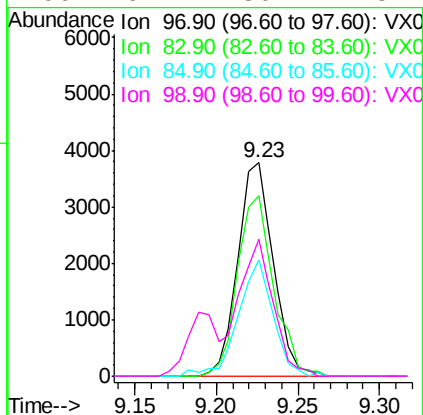
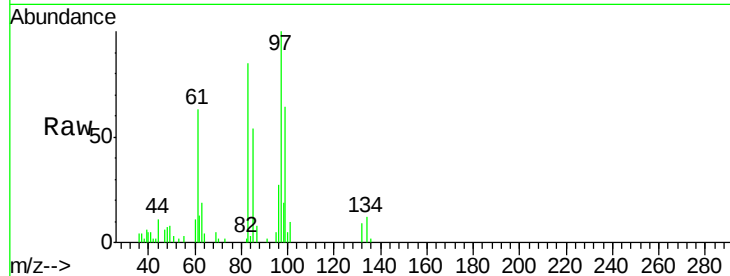




#55
 1,1,2-Trichloroethane
 Concen: 2.15 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. 0.01 min
 Lab File: VX000850.D
 Acq: 13 Apr 2018 15:33

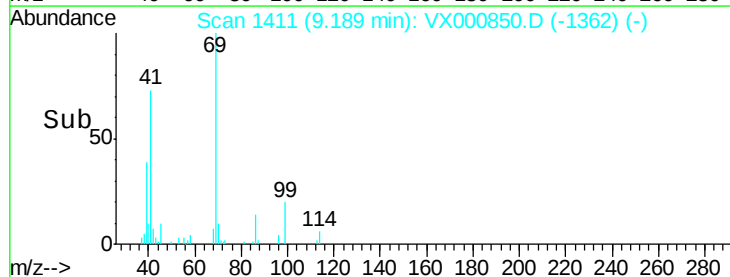
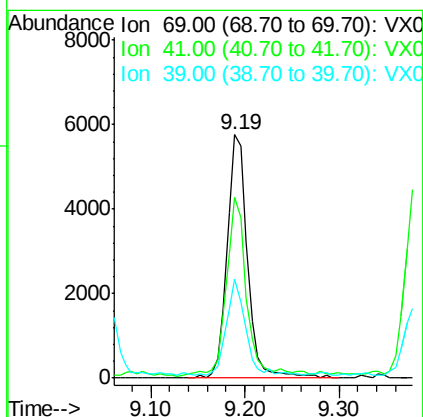
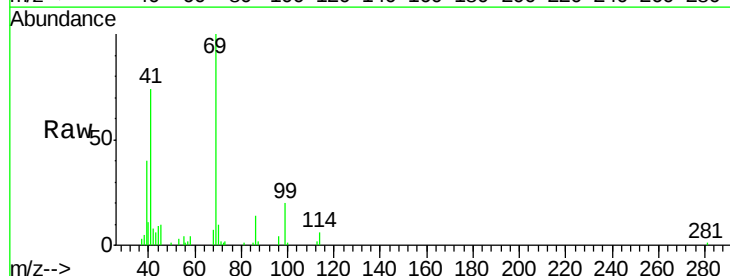
Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT2-2018

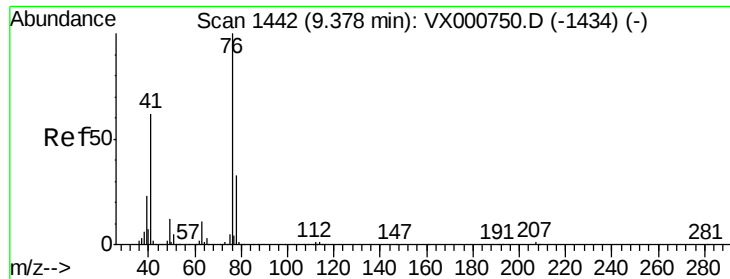
Tgt Ion:	97	Resp:	5744
Ion	Ratio	Lower	Upper
97	100		
83	84.7	67.6	101.4
85	54.4	43.8	65.6
99	64.1	50.2	75.4



#56
 Ethyl methacrylate
 Concen: 2.10 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX000850.D
 Acq: 13 Apr 2018 15:33

Tgt Ion:	69	Resp:	8659
Ion	Ratio	Lower	Upper
69	100		
41	70.6	55.6	83.4
39	36.0	30.3	45.5

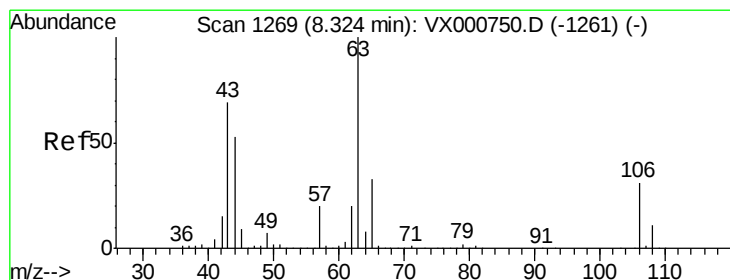
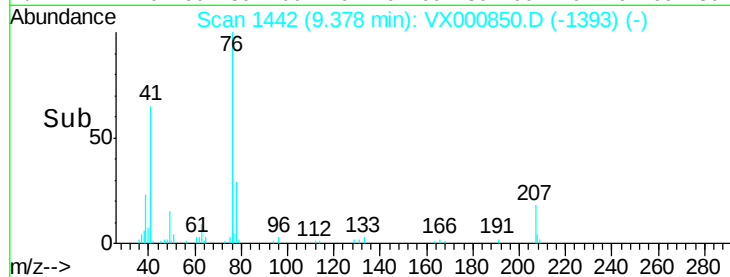
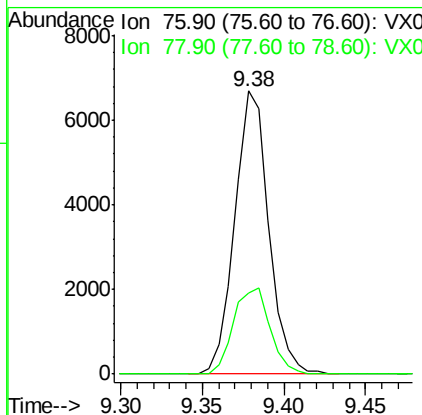
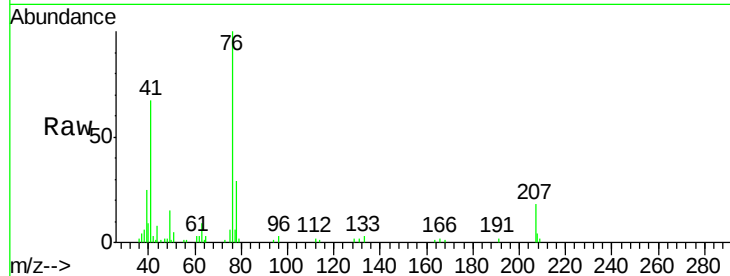




#57
 1,3-Dichloropropane
 Concen: 2.29 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX000850.D
 Acq: 13 Apr 2018 15:33

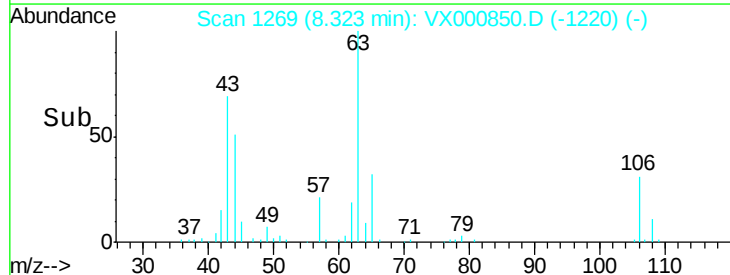
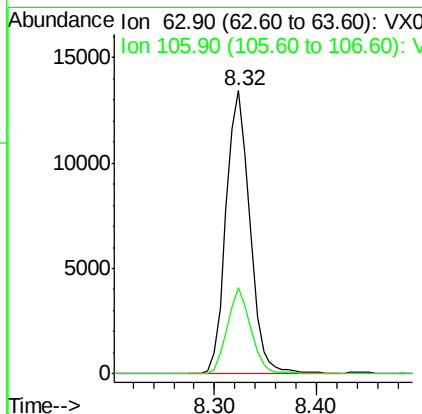
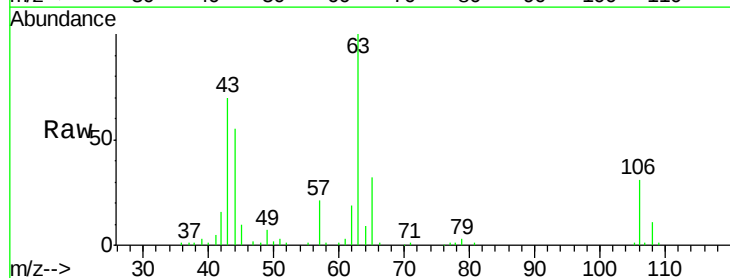
Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT2-2018

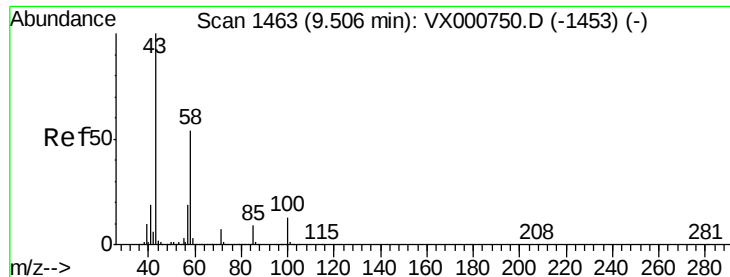
Tgt Ion: 76 Resp: 9709
 Ion Ratio Lower Upper
 76 100
 78 32.7 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 11.34 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VX000850.D
 Acq: 13 Apr 2018 15:33

Tgt Ion: 63 Resp: 21836
 Ion Ratio Lower Upper
 63 100
 106 29.8 24.3 36.5

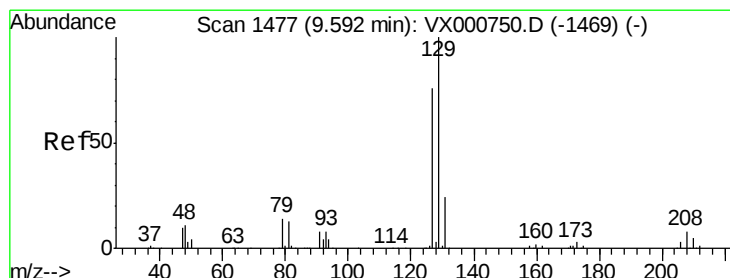
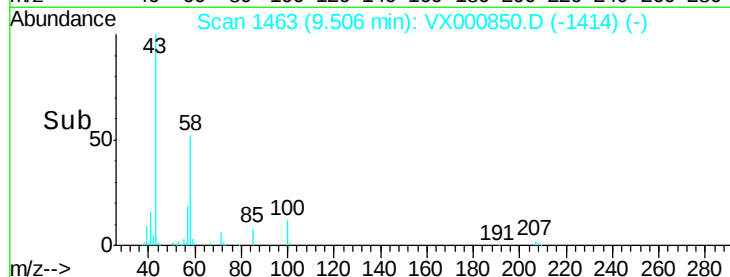
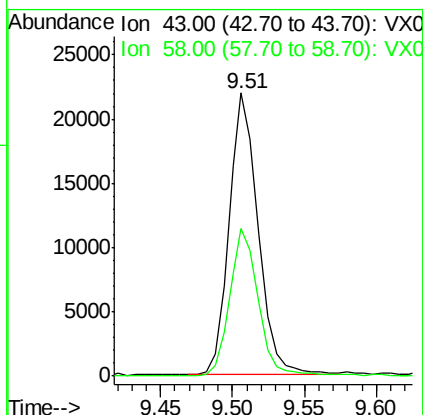
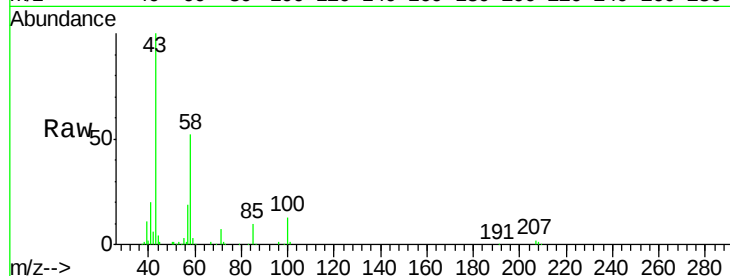




#59
2-Hexanone
Concen: 11.23 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX000850.D
Acq: 13 Apr 2018 15:33

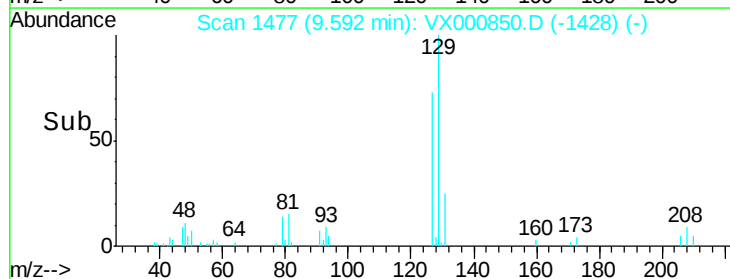
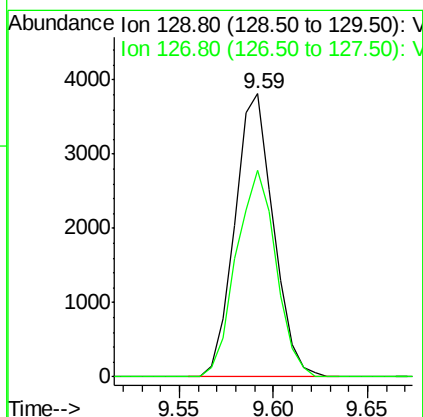
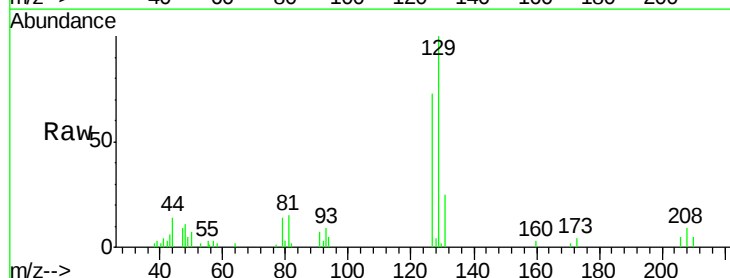
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2018

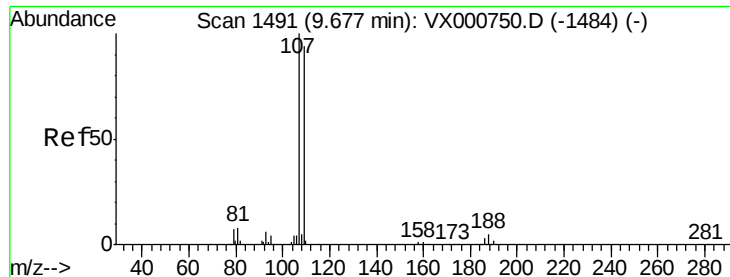
Tgt Ion: 43 Resp: 31119
Ion Ratio Lower Upper
43 100
58 52.3 26.5 79.5



#60
Dibromochloromethane
Concen: 1.69 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX000850.D
Acq: 13 Apr 2018 15:33

Tgt Ion: 129 Resp: 5404
Ion Ratio Lower Upper
129 100
127 75.3 38.4 115.1





#61

1,2-Dibromoethane

Concen: 2.09 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. 0.01 min

Lab File: VX000850.D

Acq: 13 Apr 2018 15:33

Instrument :

MSVOA_X

ClientSampleId :

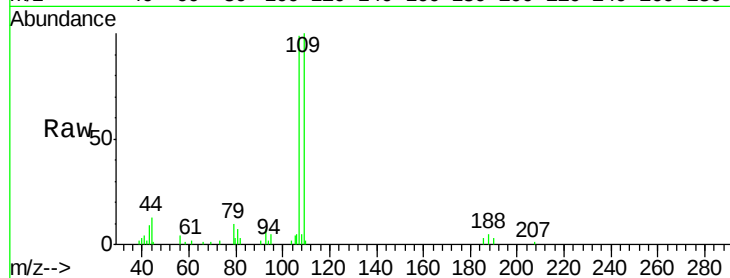
LOQ-WATER-02-QT2-2018

Tgt Ion: 107 Resp: 5928

Ion Ratio Lower Upper

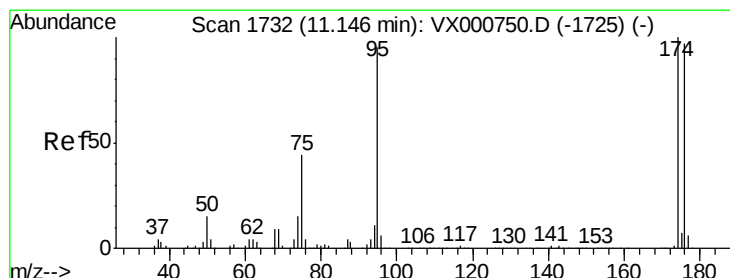
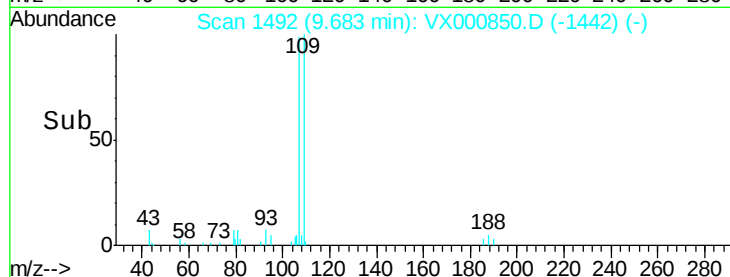
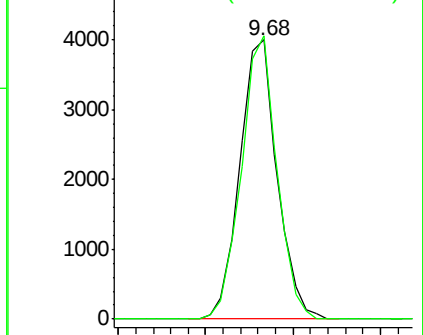
107 100

109 96.6 76.2 114.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.81 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VX000850.D

Acq: 13 Apr 2018 15:33

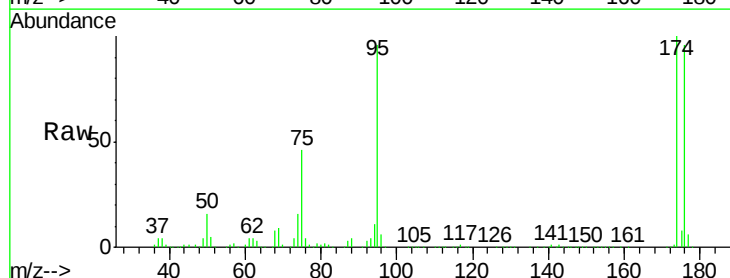
Tgt Ion: 95 Resp: 188144

Ion Ratio Lower Upper

95 100

174 98.1 0.0 198.4

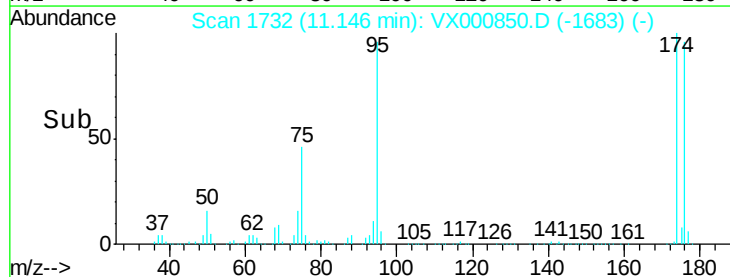
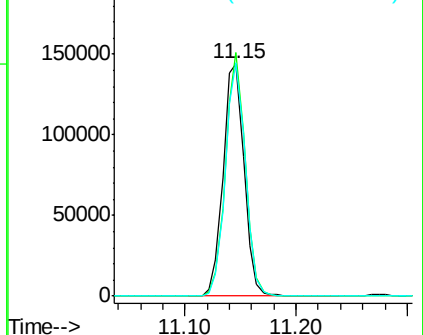
176 95.9 0.0 194.4



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

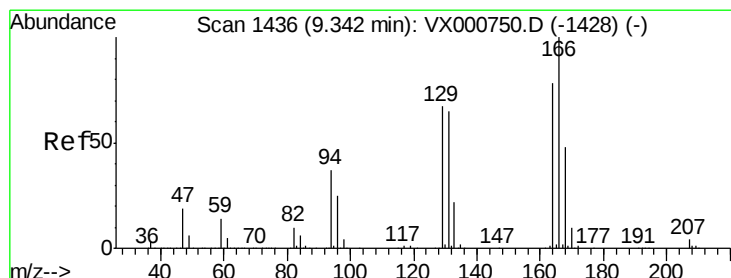
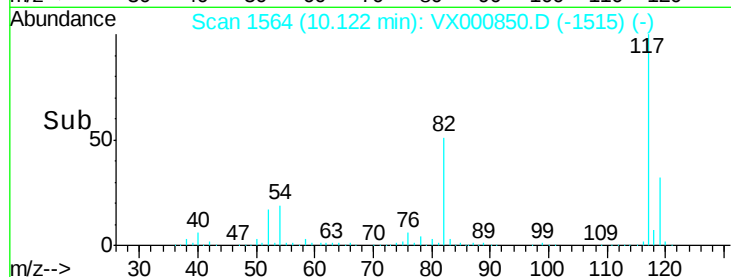
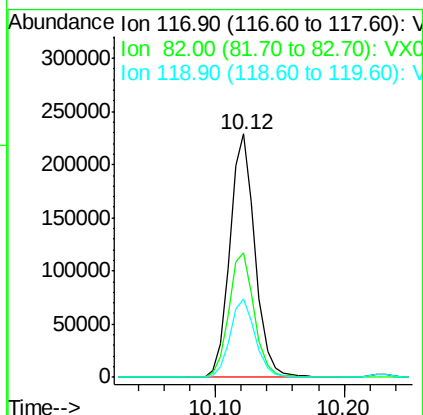
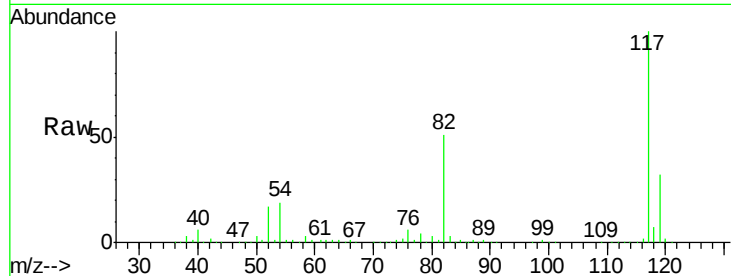




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000850.D
Acq: 13 Apr 2018 15:33

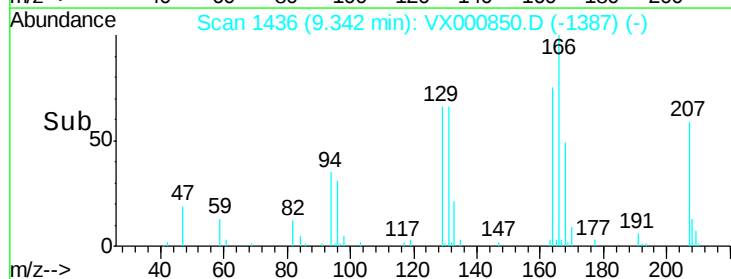
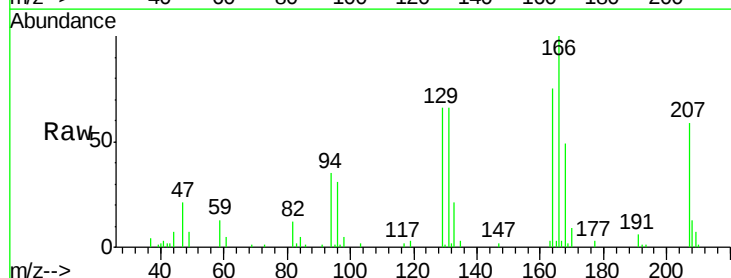
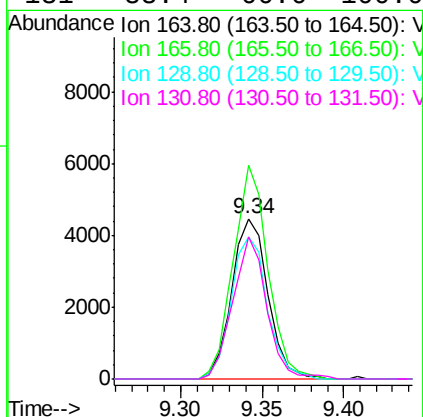
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2018

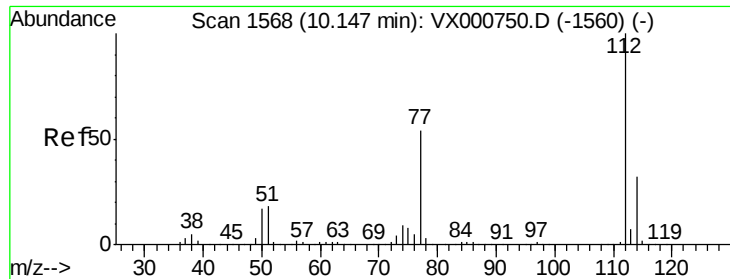
Tgt Ion:117 Resp: 311752
Ion Ratio Lower Upper
117 100
82 51.1 41.9 62.9
119 32.2 26.0 39.0



#64
Tetrachloroethene
Concen: 2.26 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX000850.D
Acq: 13 Apr 2018 15:33

Tgt Ion:164 Resp: 6899
Ion Ratio Lower Upper
164 100
166 133.3 102.8 154.2
129 88.6 68.5 102.7
131 88.4 66.6 100.0





#65

Chlorobenzene

Concen: 2.15 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VX000850.D

Acq: 13 Apr 2018 15:33

Instrument :

MSVOA_X

ClientSampleId :

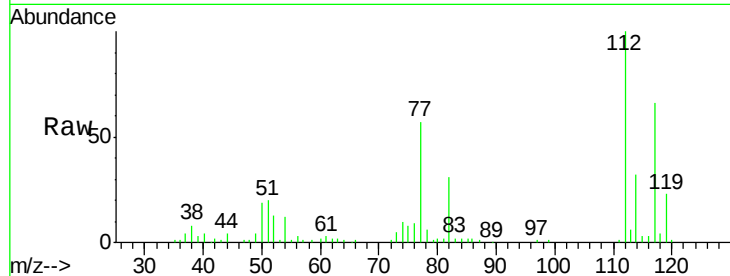
LOQ-WATER-02-QT2-2018

Tgt Ion:112 Resp: 16831

Ion Ratio Lower Upper

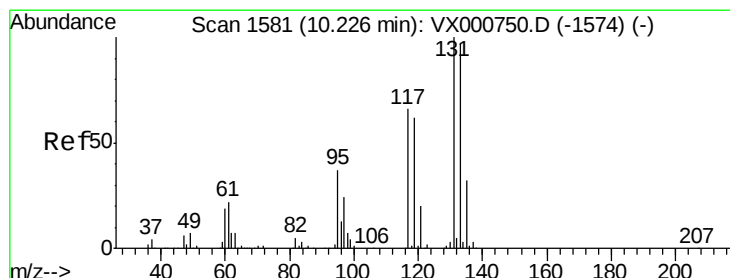
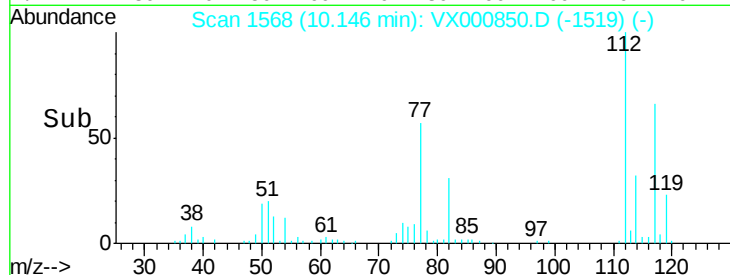
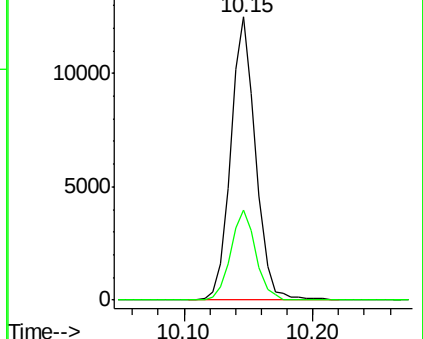
112 100

114 31.7 25.8 38.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 1.92 ug/l

RT: 10.23 min Scan# 1582

Delta R.T. 0.01 min

Lab File: VX000850.D

Acq: 13 Apr 2018 15:33

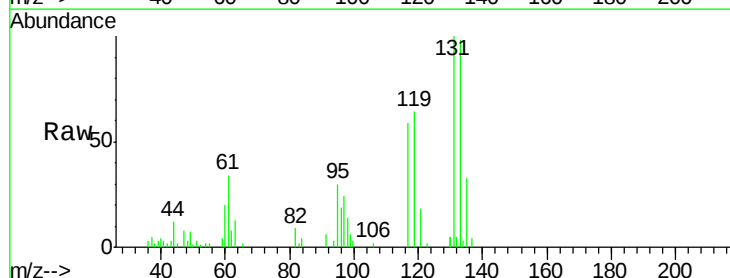
Tgt Ion:131 Resp: 5669

Ion Ratio Lower Upper

131 100

133 92.4 48.3 144.9

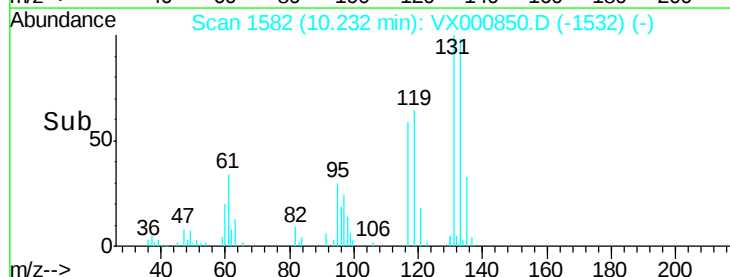
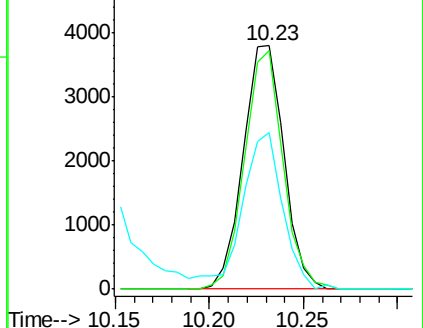
119 63.4 31.4 94.0

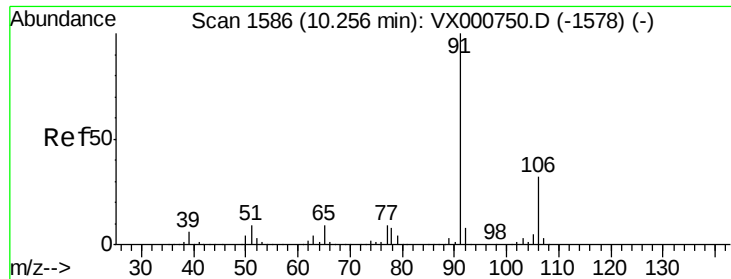


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

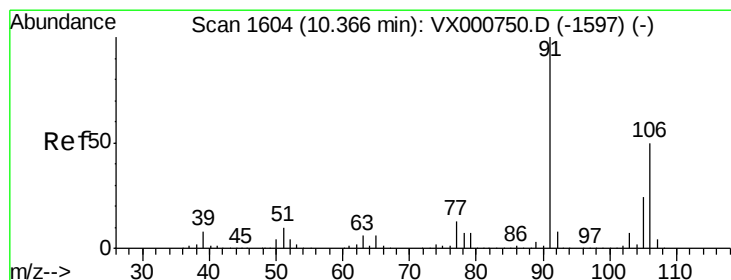
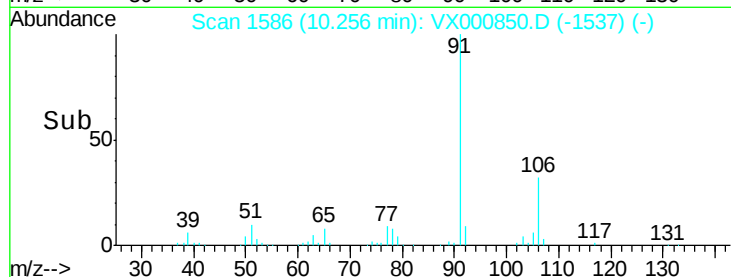
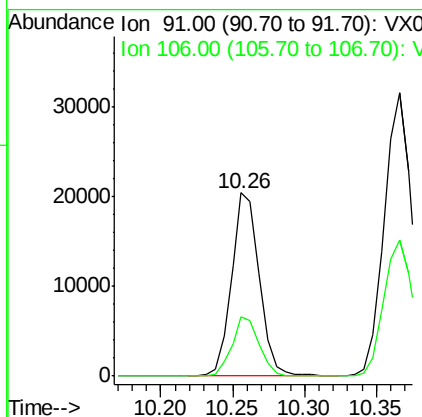
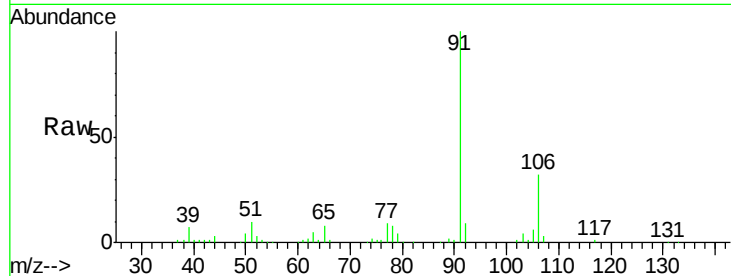




#67
Ethyl Benzene
Concen: 2.12 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX000850.D
Acq: 13 Apr 2018 15:33

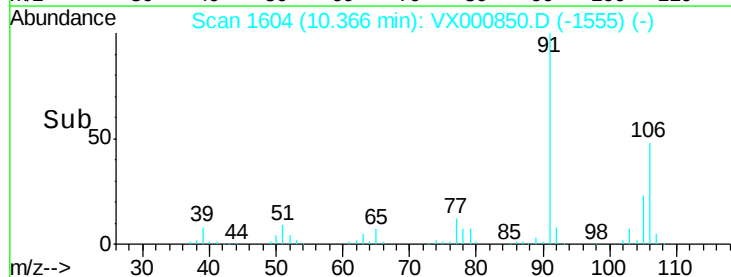
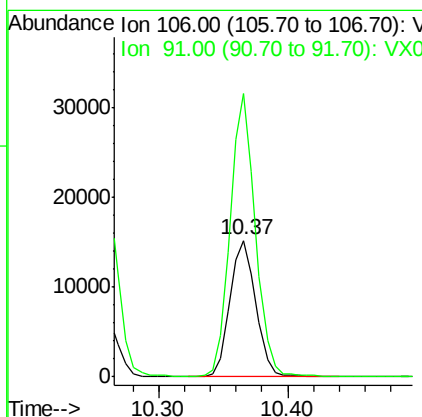
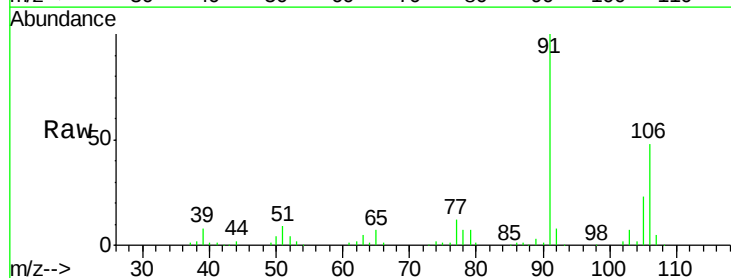
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2018

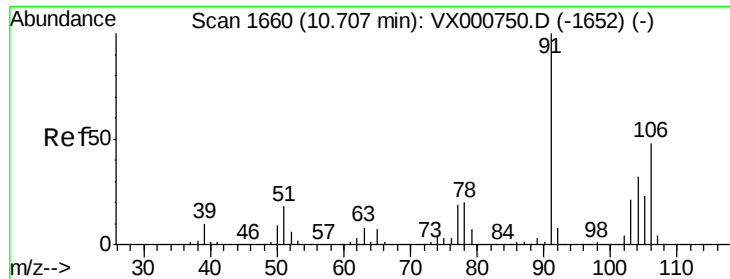
Tgt Ion: 91 Resp: 27723
Ion Ratio Lower Upper
91 100
106 32.2 25.4 38.0



#68
m/p-Xylenes
Concen: 4.15 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX000850.D
Acq: 13 Apr 2018 15:33

Tgt Ion: 106 Resp: 21435
Ion Ratio Lower Upper
106 100
91 202.5 159.3 238.9

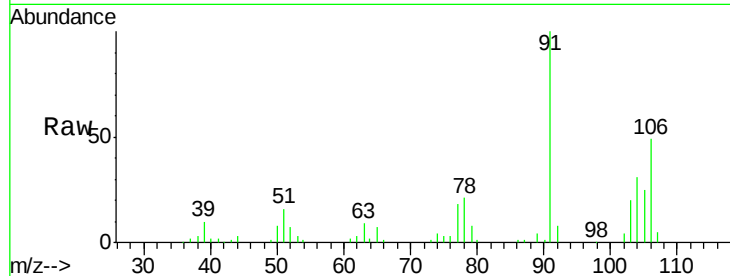




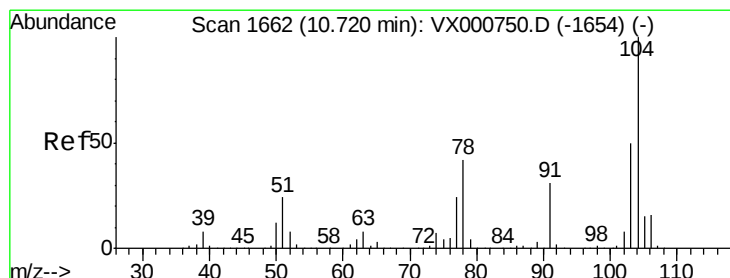
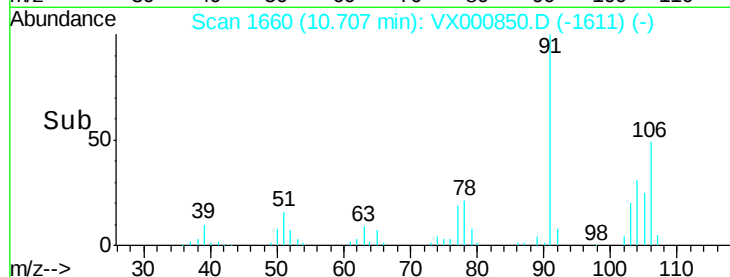
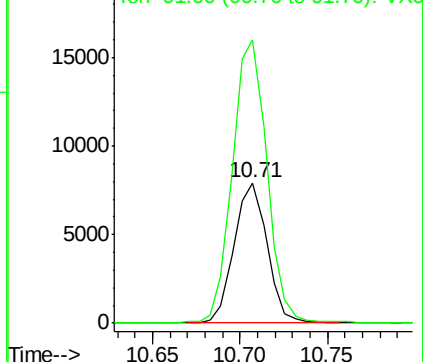
#69
o-Xylene
Concen: 2.09 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000850.D
Acq: 13 Apr 2018 15:33

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2018

Tgt Ion:106 Resp: 10397
Ion Ratio Lower Upper
106 100
91 212.2 105.0 315.0

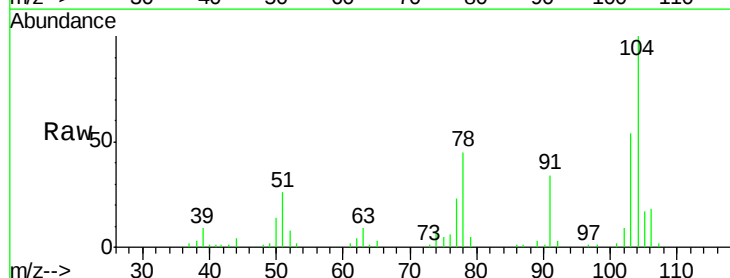


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

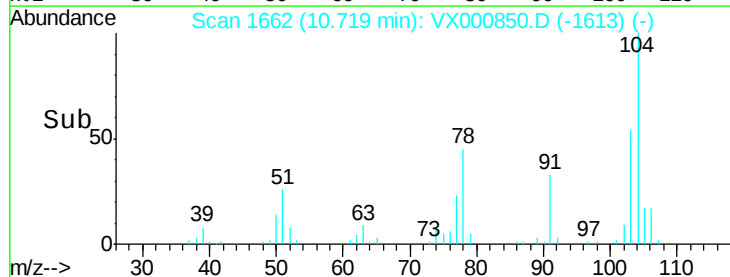
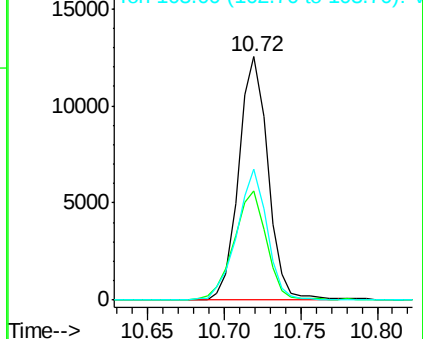


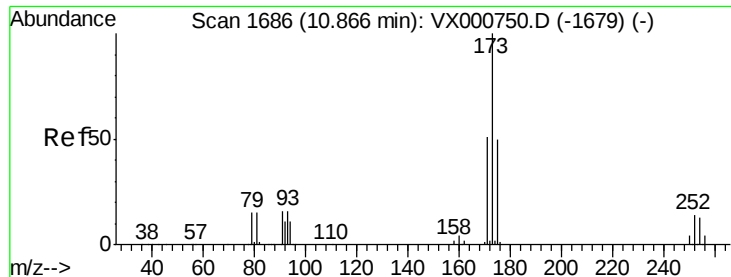
#70
Styrene
Concen: 1.99 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000850.D
Acq: 13 Apr 2018 15:33

Tgt Ion:104 Resp: 16665
Ion Ratio Lower Upper
104 100
78 50.0 39.0 58.6
103 55.6 44.1 66.1



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

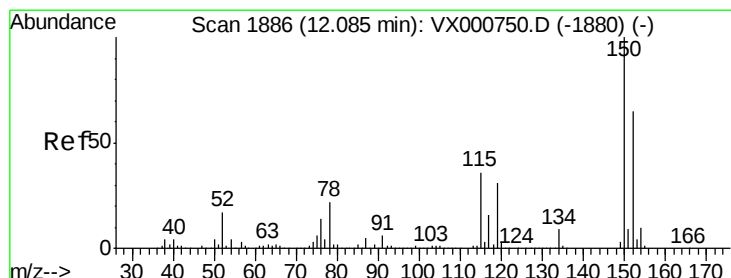
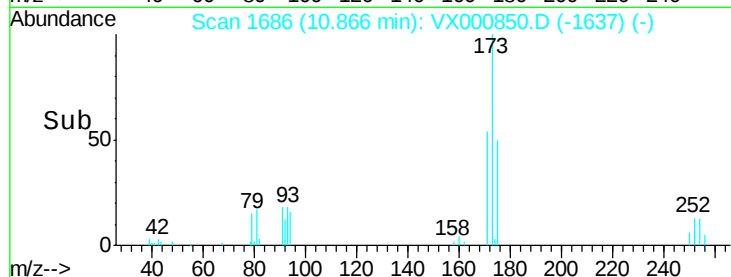
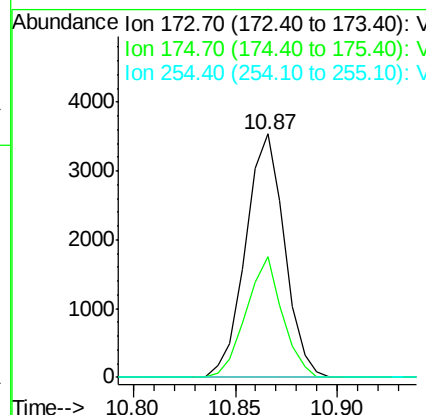
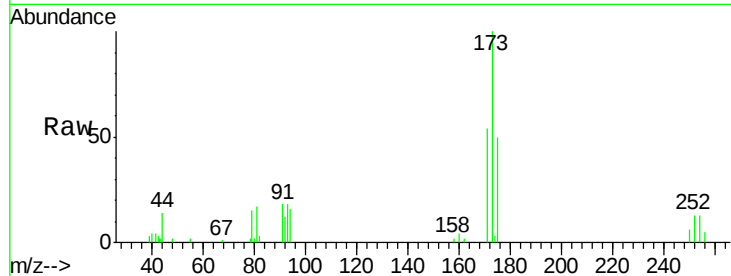




#71
Bromoform
Concen: 1.71 ug/l
RT: 10.87 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VX000850.D
Acq: 13 Apr 2018 15:33

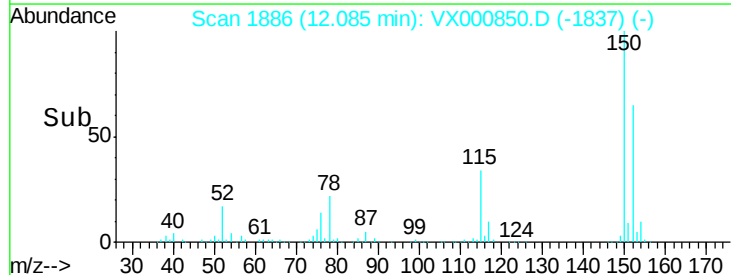
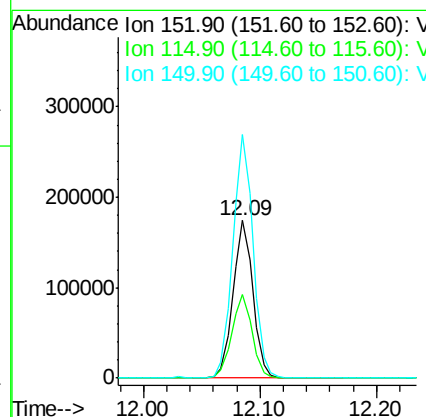
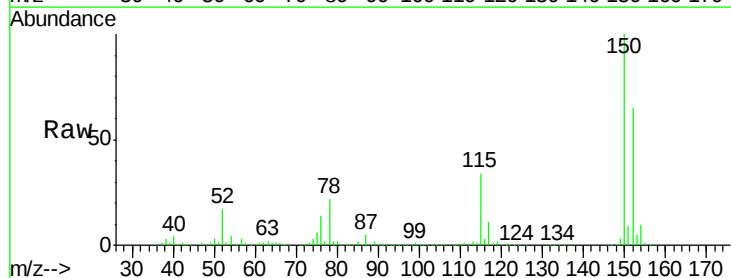
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2018

Tgt Ion:173 Resp: 4687
Ion Ratio Lower Upper
173 100
175 46.2 24.5 73.5
254 0.0 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX000850.D
Acq: 13 Apr 2018 15:33

Tgt Ion:152 Resp: 205978
Ion Ratio Lower Upper
152 100
115 54.0 37.9 113.7
150 157.0 0.0 348.0





#73

Isopropylbenzene

Concen: 2.18 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX000850.D

Acq: 13 Apr 2018 15:33

Instrument :

MSVOA_X

ClientSampleId :

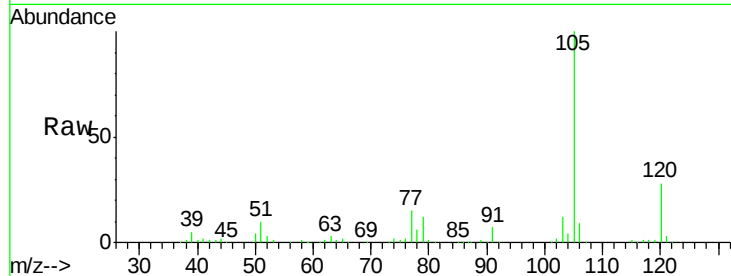
LOQ-WATER-02-QT2-2018

Tgt Ion:105 Resp: 28427

Ion Ratio Lower Upper

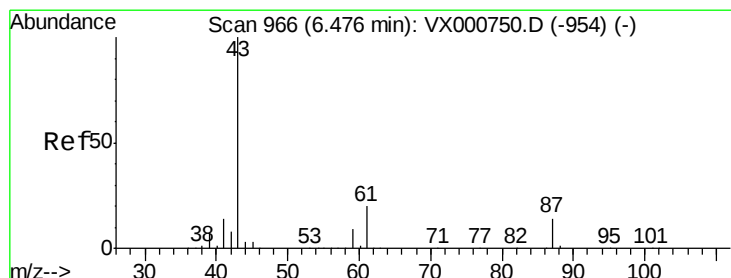
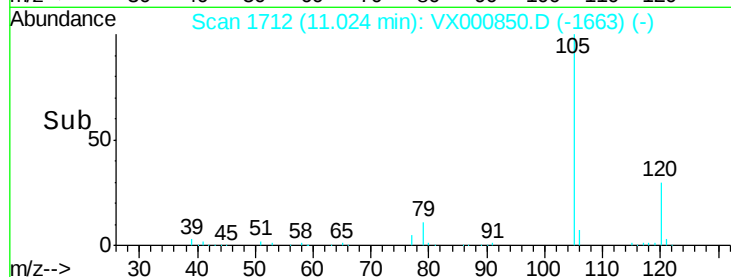
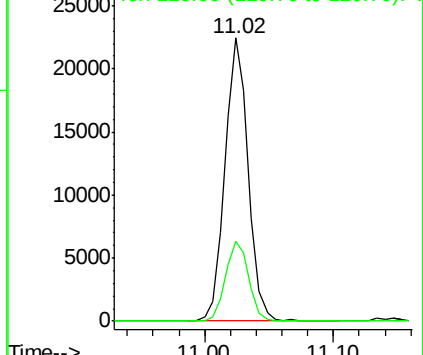
105 100

120 28.0 13.7 41.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 2.24 ug/l

RT: 6.48 min Scan# 967

Delta R.T. 0.01 min

Lab File: VX000850.D

Acq: 13 Apr 2018 15:33

Tgt Ion: 43 Resp: 13177

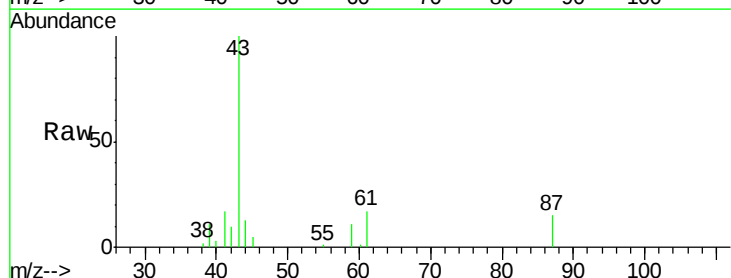
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0

61 19.2 15.6 23.4

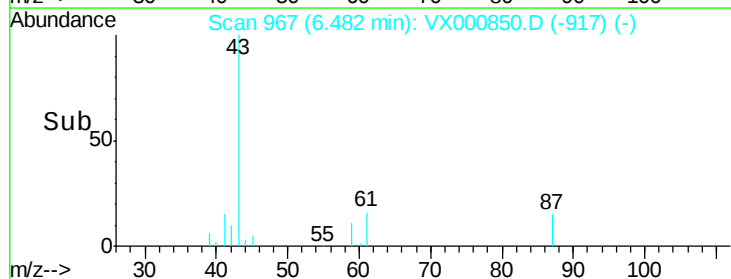
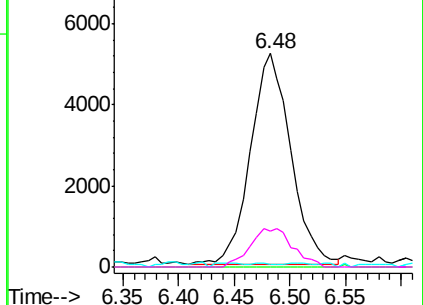


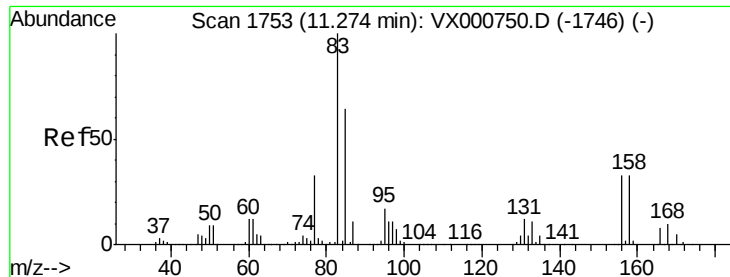
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 2.18 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX000850.D

Acq: 13 Apr 2018 15:33

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2018

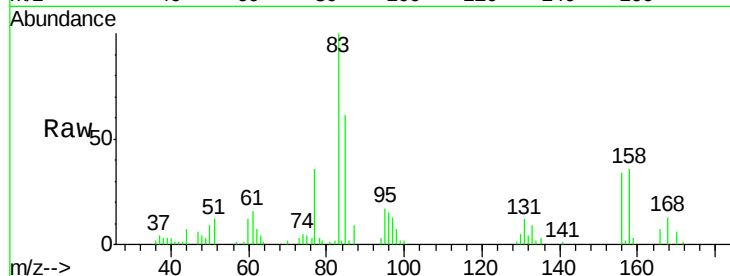
Tgt Ion: 83 Resp: 8262

Ion Ratio Lower Upper

83 100

131 12.6 6.0 18.0

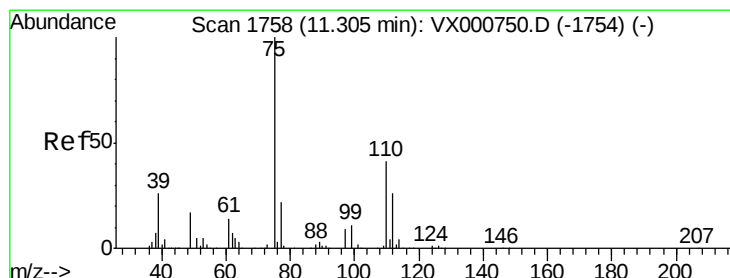
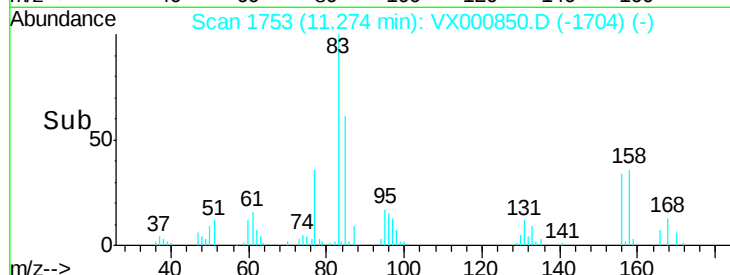
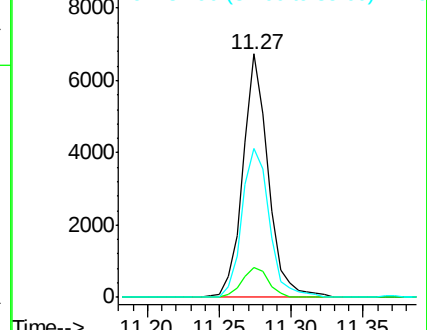
85 66.4 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 2.58 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX000850.D

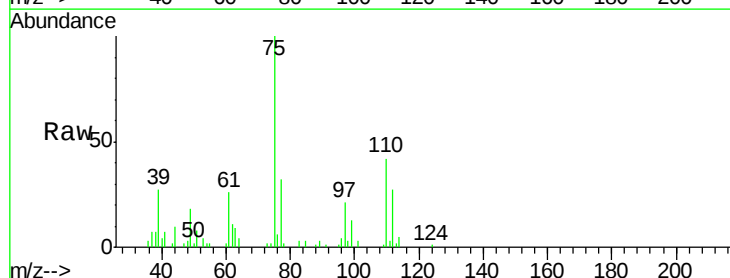
Acq: 13 Apr 2018 15:33

Tgt Ion: 75 Resp: 9157

Ion Ratio Lower Upper

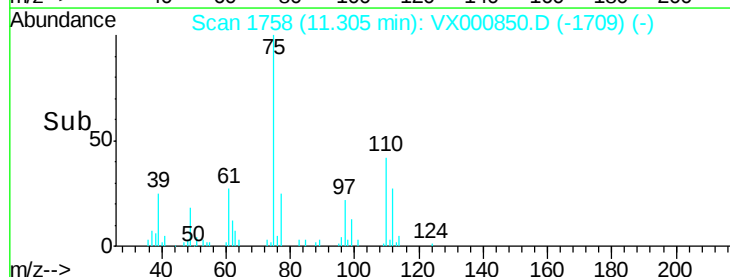
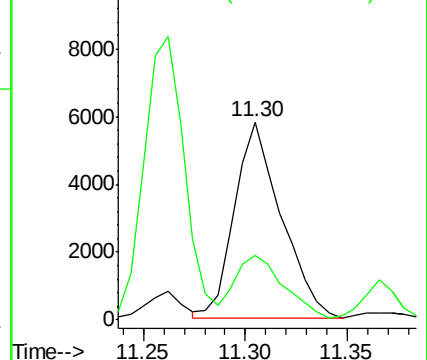
75 100

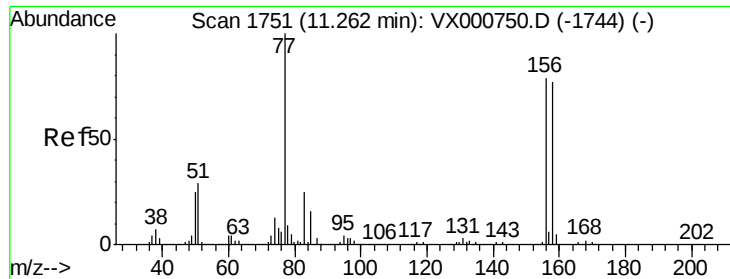
77 35.0 20.5 61.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

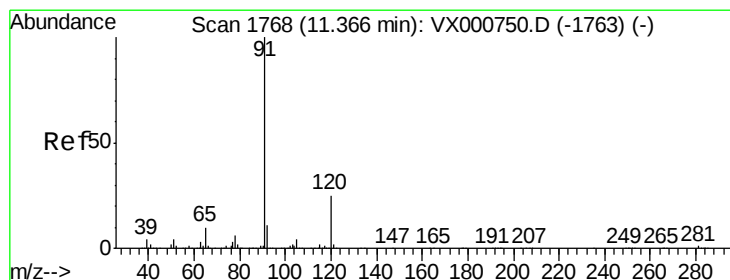
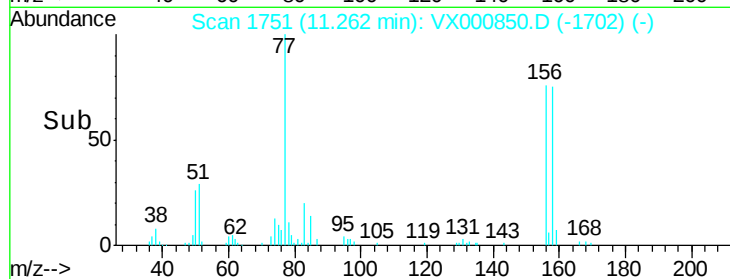
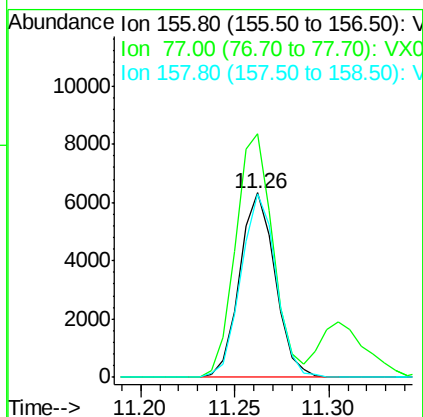
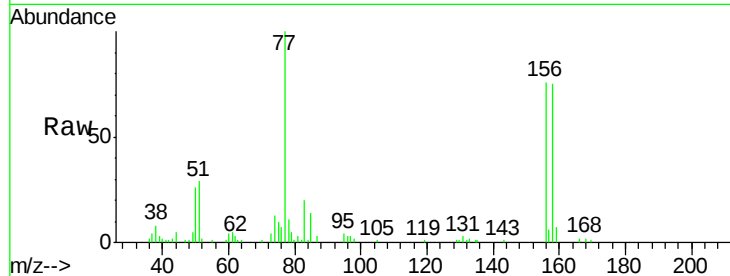




#77
Bromobenzene
Concen: 2.16 ug/l
RT: 11.26 min Scan# 1751
Delta R.T. -0.00 min
Lab File: VX000850.D
Acq: 13 Apr 2018 15:33

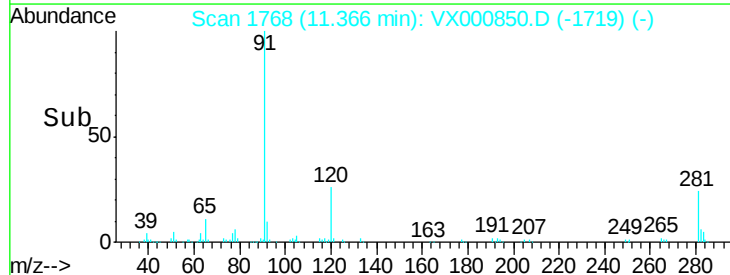
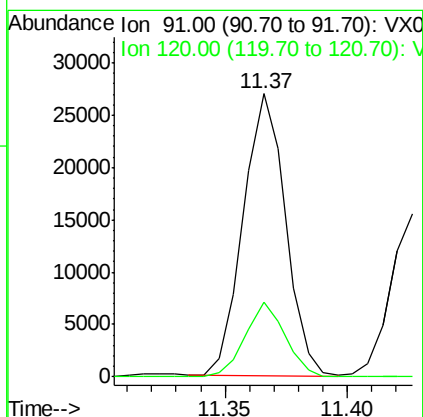
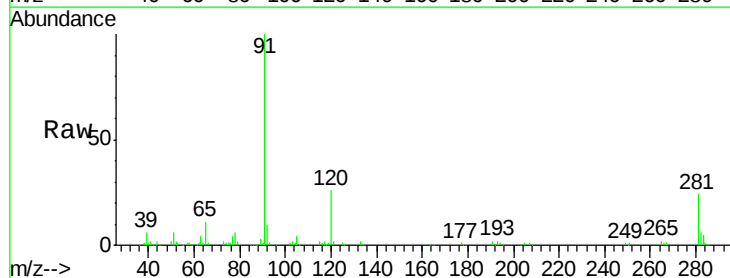
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2018

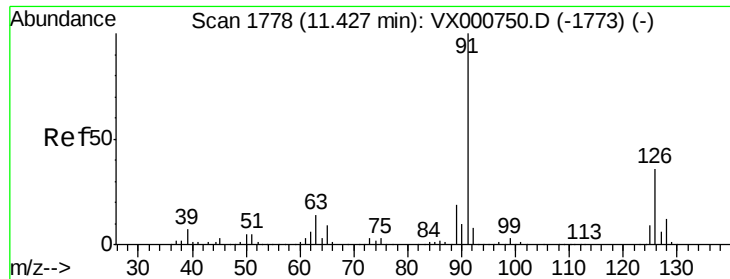
Tgt Ion:156 Resp: 8284
Ion Ratio Lower Upper
156 100
77 139.1 66.0 198.2
158 98.8 48.8 146.4



#78
n-propylbenzene
Concen: 2.17 ug/l
RT: 11.37 min Scan# 1768
Delta R.T. -0.00 min
Lab File: VX000850.D
Acq: 13 Apr 2018 15:33

Tgt Ion: 91 Resp: 32499
Ion Ratio Lower Upper
91 100
120 25.0 12.6 37.6





#79

2-Chlorotoluene

Concen: 2.19 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX000850.D

Acq: 13 Apr 2018 15:33

Instrument :

MSVOA_X

ClientSampleId :

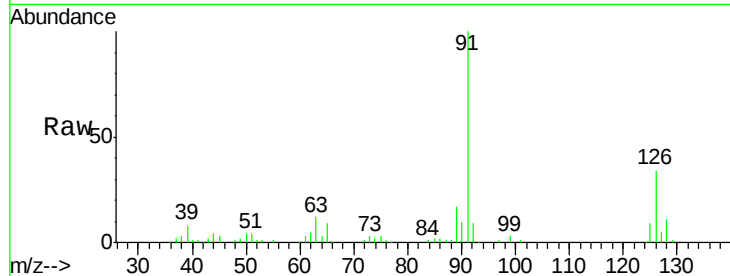
LOQ-WATER-02-QT2-2018

Tgt Ion: 91 Resp: 19349

Ion Ratio Lower Upper

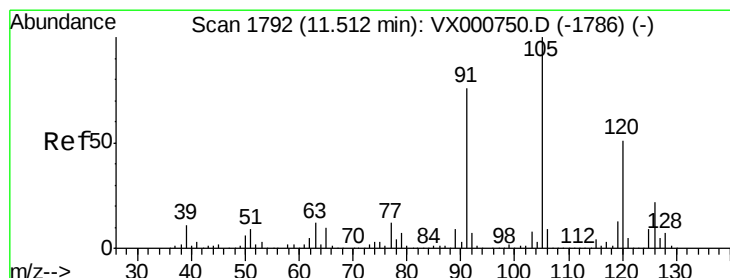
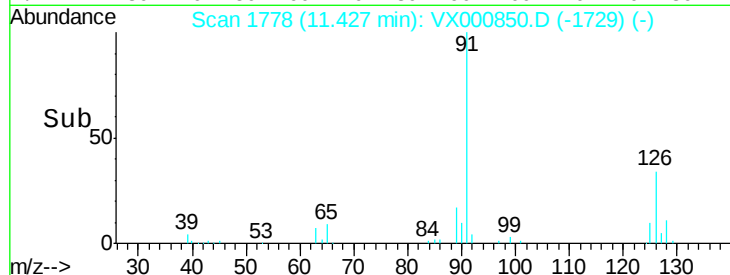
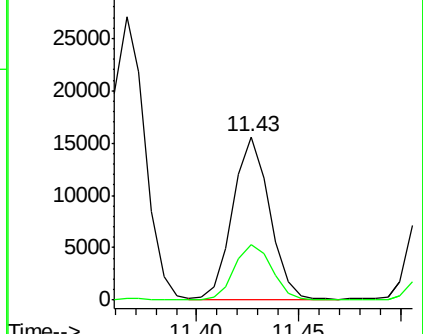
91 100

126 35.2 18.3 54.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 2.10 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX000850.D

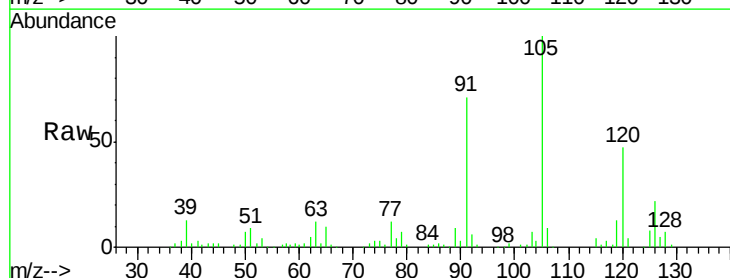
Acq: 13 Apr 2018 15:33

Tgt Ion: 105 Resp: 23618

Ion Ratio Lower Upper

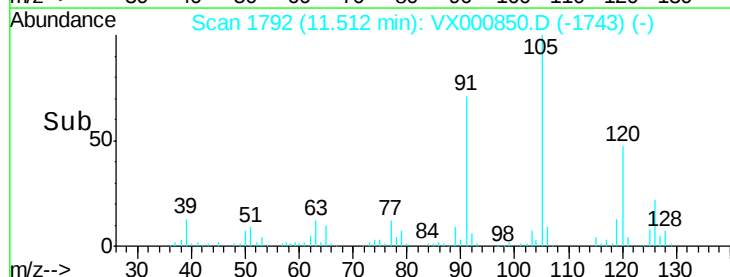
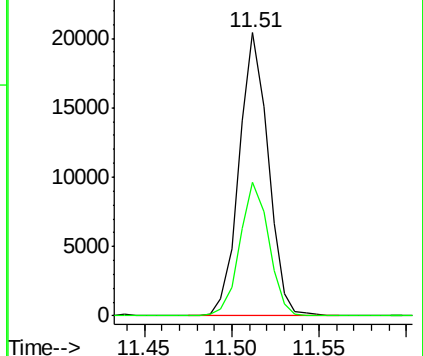
105 100

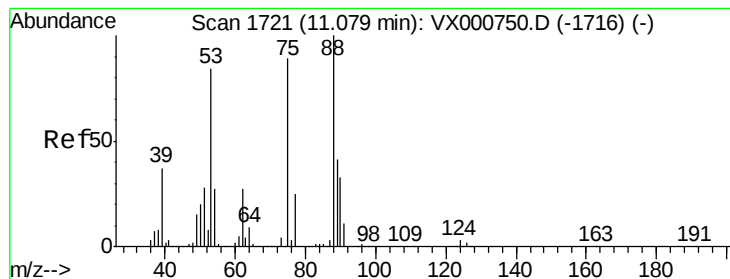
120 47.4 25.0 75.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 71.55 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX000850.D

Acq: 13 Apr 2018 15:33

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2018

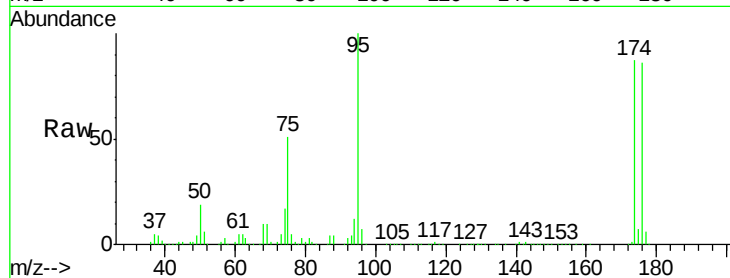
Tgt Ion: 75 Resp: 92400

Ion Ratio Lower Upper

75 100

53 0.0 75.4 113.0#

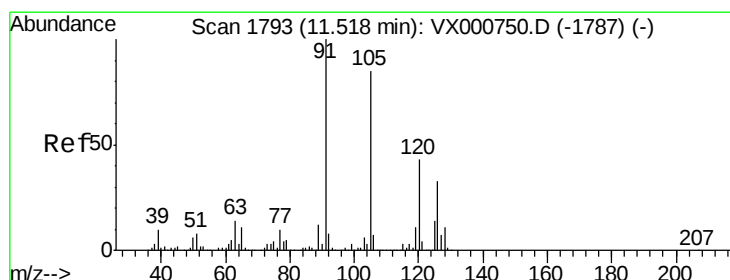
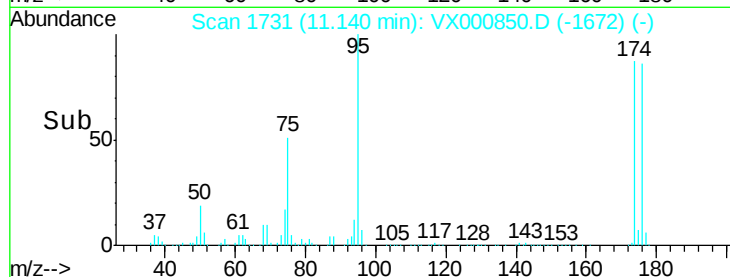
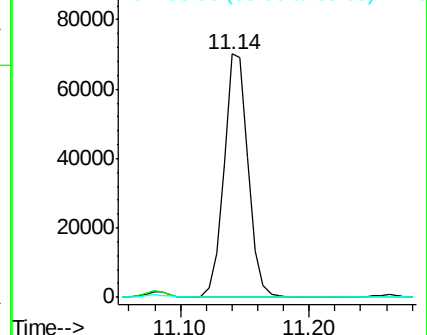
89 0.0 40.9 61.3#



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: 2.15 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX000850.D

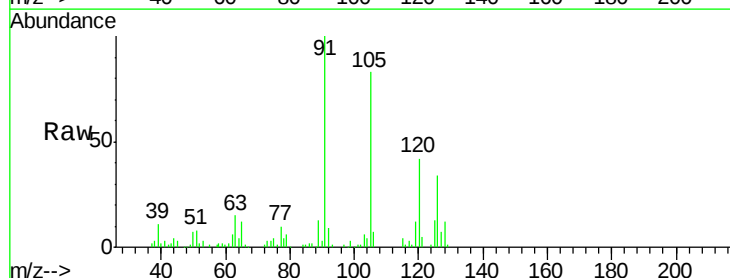
Acq: 13 Apr 2018 15:33

Tgt Ion: 91 Resp: 22932

Ion Ratio Lower Upper

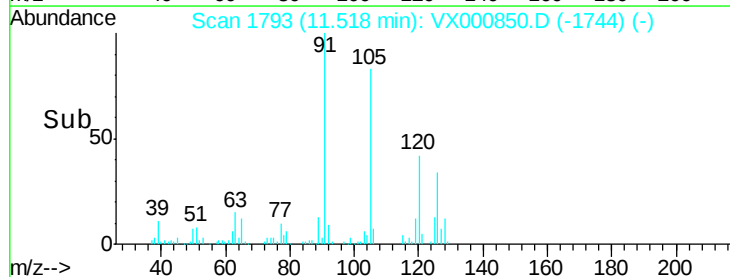
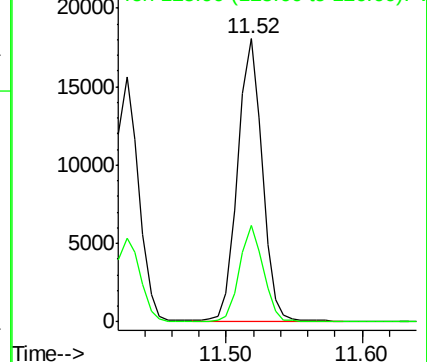
91 100

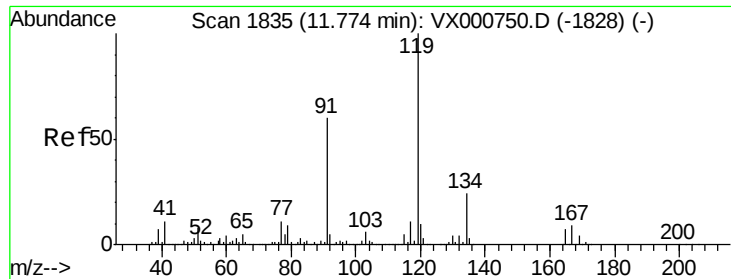
126 32.7 16.2 48.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

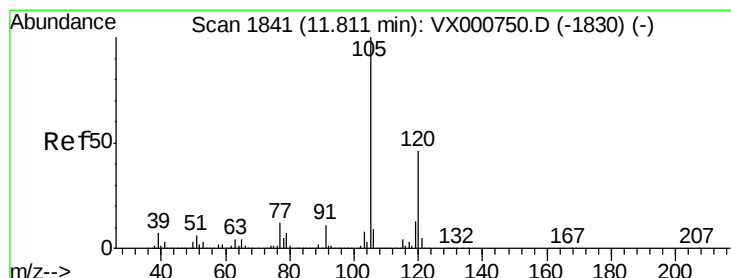
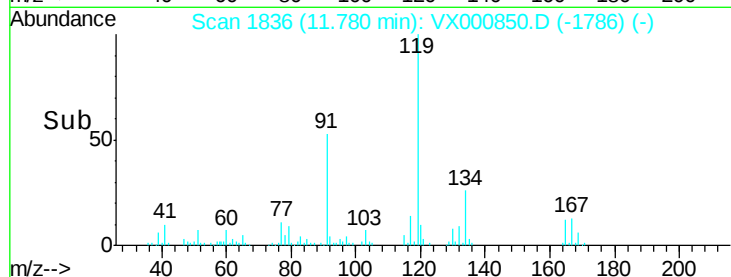
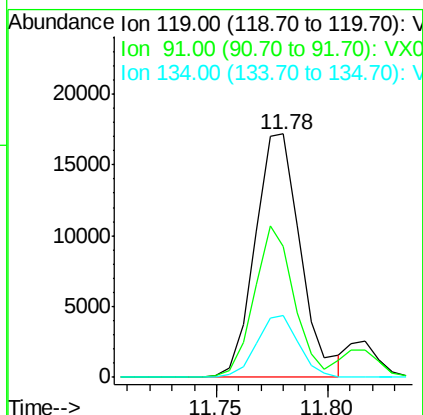
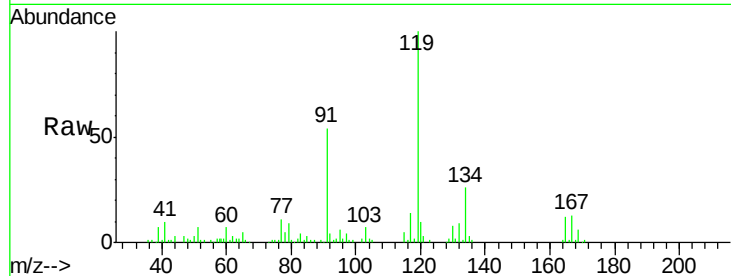




#83
 tert-Butylbenzene
 Concen: 2.12 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. 0.01 min
 Lab File: VX000850.D
 Acq: 13 Apr 2018 15:33

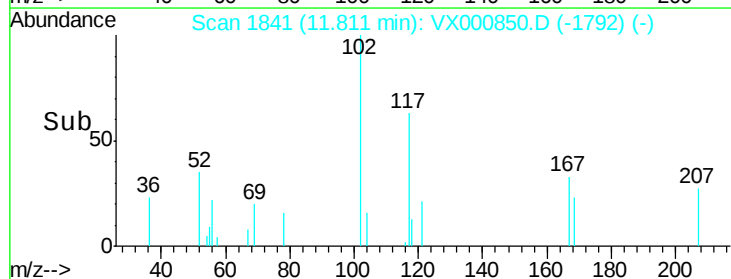
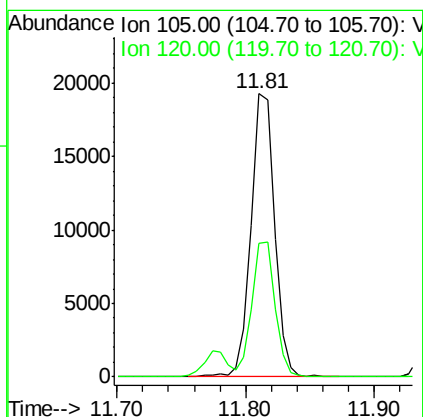
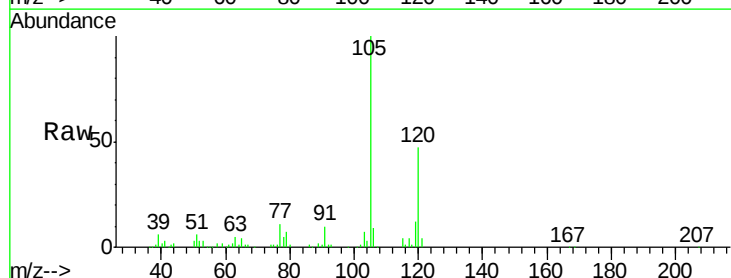
Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT2-2018

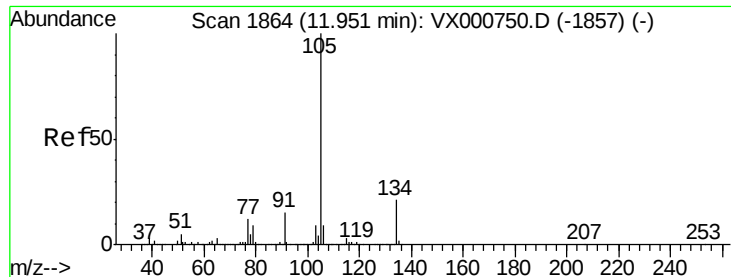
Tgt Ion:119 Resp: 24339
 Ion Ratio Lower Upper
 119 100
 91 54.5 26.8 80.3
 134 23.4 11.5 34.4



#84
 1,2,4-Trimethylbenzene
 Concen: 2.09 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX000850.D
 Acq: 13 Apr 2018 15:33

Tgt Ion:105 Resp: 24205
 Ion Ratio Lower Upper
 105 100
 120 46.2 23.1 69.3





#85

sec-Butylbenzene

Concen: 2.14 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX000850.D

Acq: 13 Apr 2018 15:33

Instrument :

MSVOA_X

ClientSampleId :

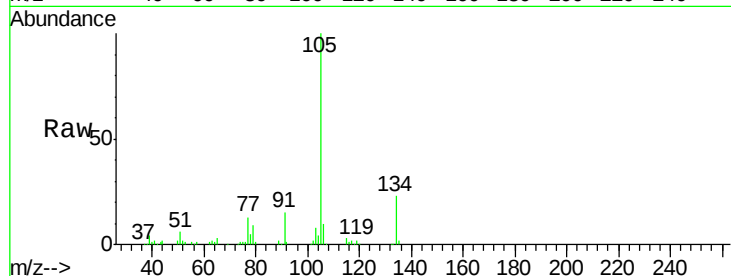
LOQ-WATER-02-QT2-2018

Tgt Ion:105 Resp: 29001

Ion Ratio Lower Upper

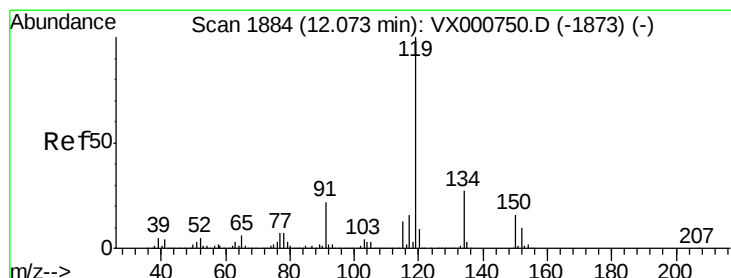
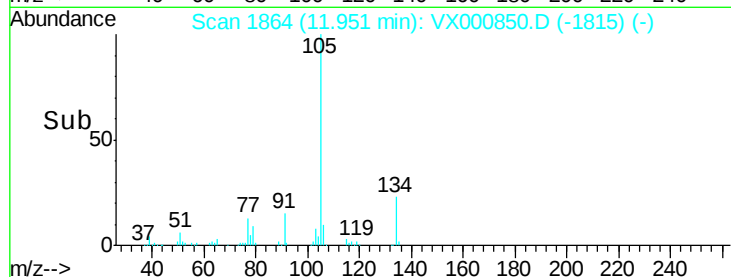
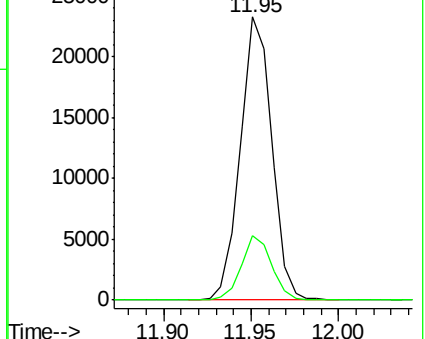
105 100

134 21.8 10.8 32.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 2.09 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VX000850.D

Acq: 13 Apr 2018 15:33

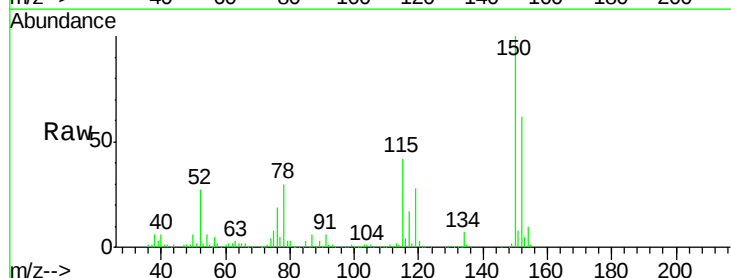
Tgt Ion:119 Resp: 26480

Ion Ratio Lower Upper

119 100

134 26.8 13.6 40.7

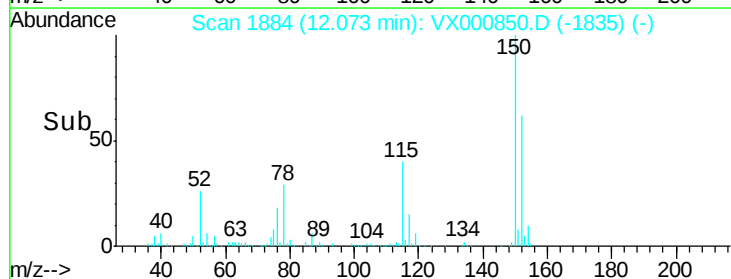
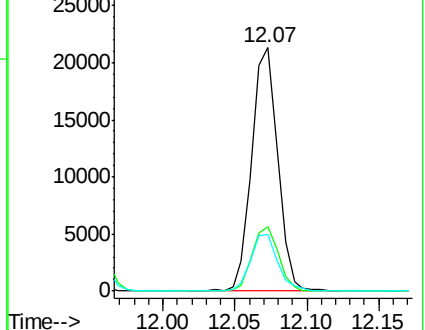
91 24.4 11.2 33.5

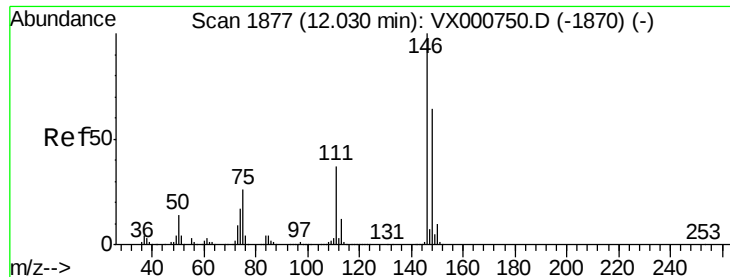


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

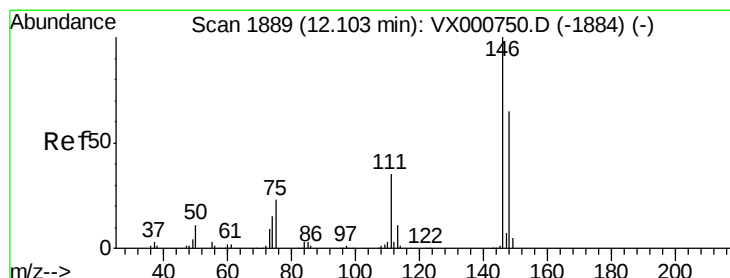
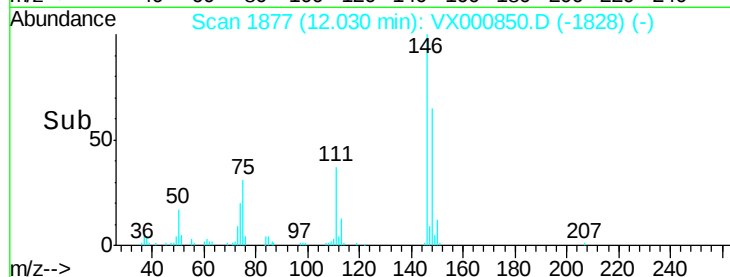
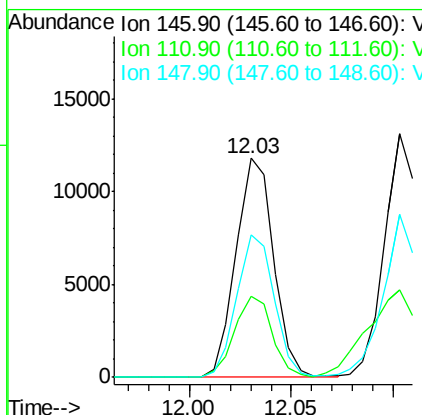
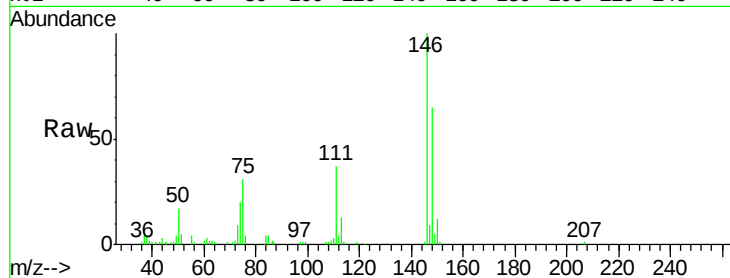




#87
 1,3-Dichlorobenzene
 Concen: 2.14 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX000850.D
 Acq: 13 Apr 2018 15:33

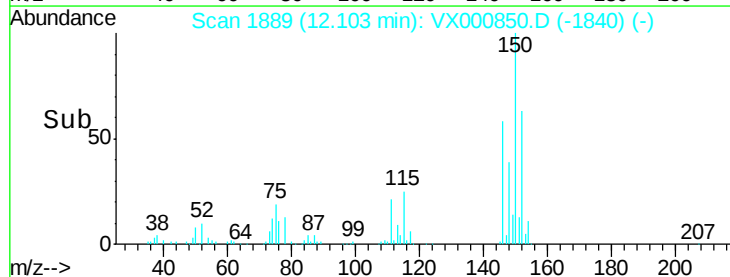
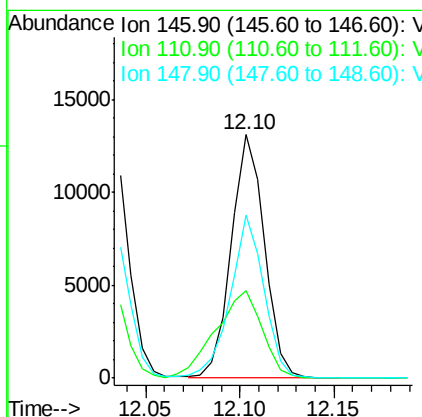
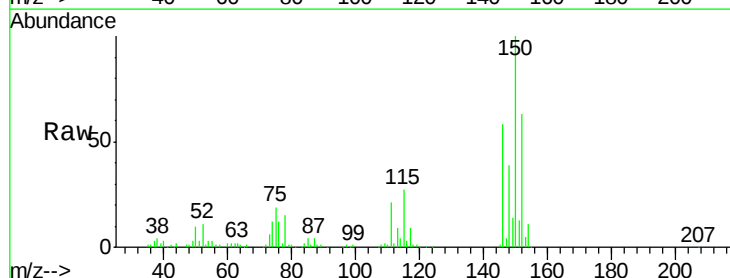
Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT2-2018

Tgt Ion:146 Resp: 15179
 Ion Ratio Lower Upper
 146 100
 111 37.2 18.3 54.8
 148 65.2 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 2.21 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX000850.D
 Acq: 13 Apr 2018 15:33

Tgt Ion:146 Resp: 16026
 Ion Ratio Lower Upper
 146 100
 111 50.3 17.9 53.8
 148 68.2 32.6 97.7

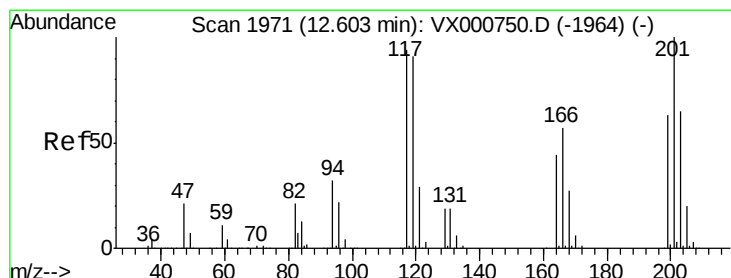
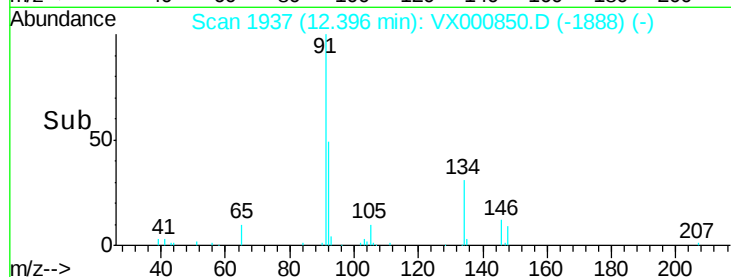
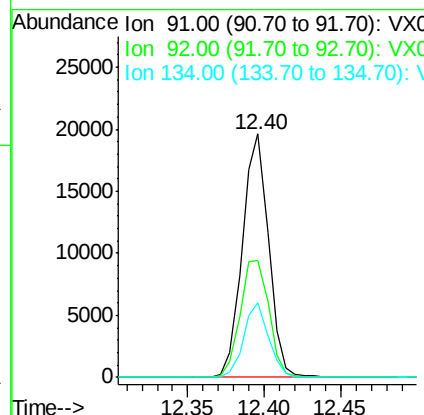
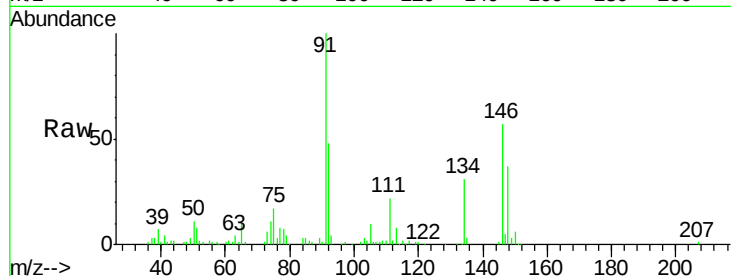




#89
n-Butylbenzene
Concen: 2.09 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX000850.D
Acq: 13 Apr 2018 15:33

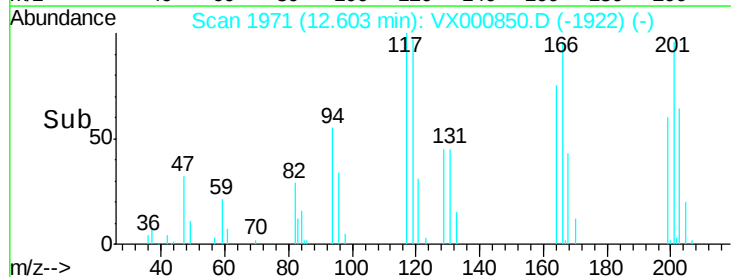
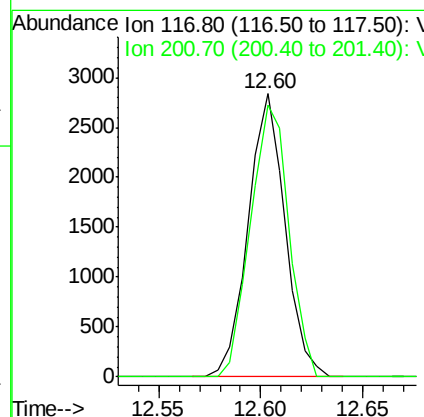
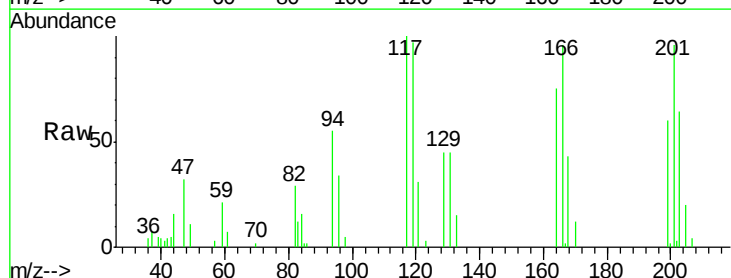
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2018

Tgt Ion: 91 Resp: 23278
Ion Ratio Lower Upper
91 100
92 52.6 26.5 79.5
134 29.3 14.5 43.5



#90
Hexachloroethane
Concen: 1.66 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX000850.D
Acq: 13 Apr 2018 15:33

Tgt Ion: 117 Resp: 3555
Ion Ratio Lower Upper
117 100
201 100.3 52.9 158.7

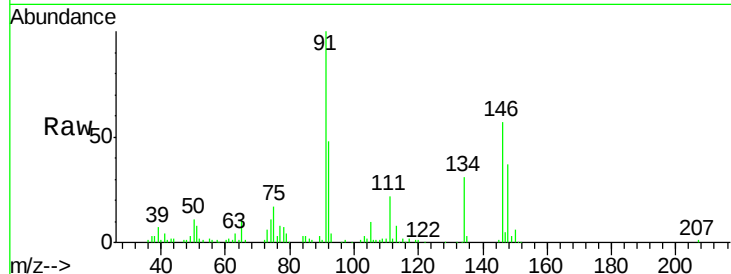




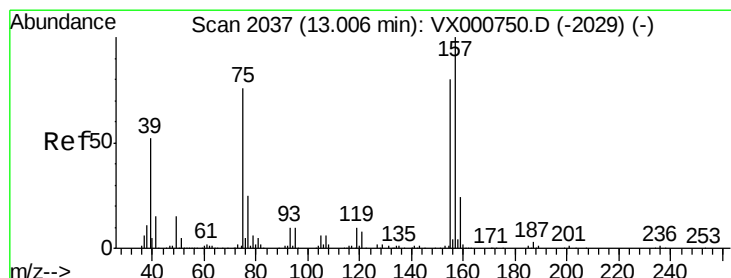
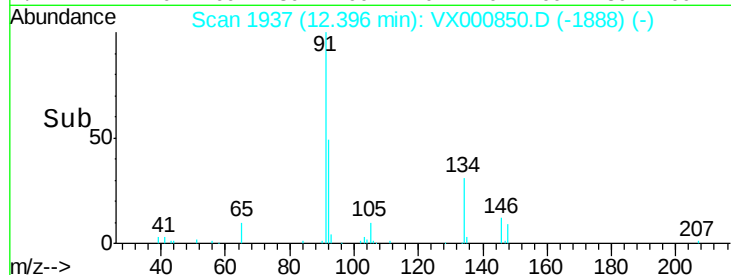
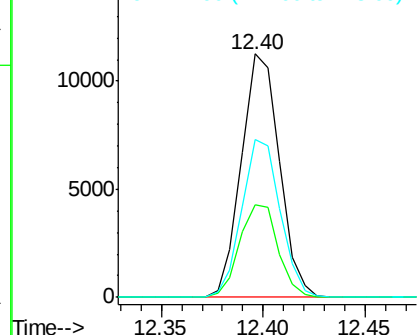
#91
 1,2-Dichlorobenzene
 Concen: 2.13 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX000850.D
 Acq: 13 Apr 2018 15:33

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT2-2018

Tgt Ion: 146 Resp: 14581
 Ion Ratio Lower Upper
 146 100
 111 38.5 18.9 56.7
 148 65.4 32.0 96.2

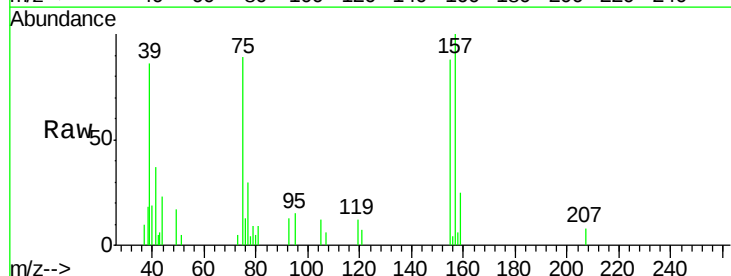


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

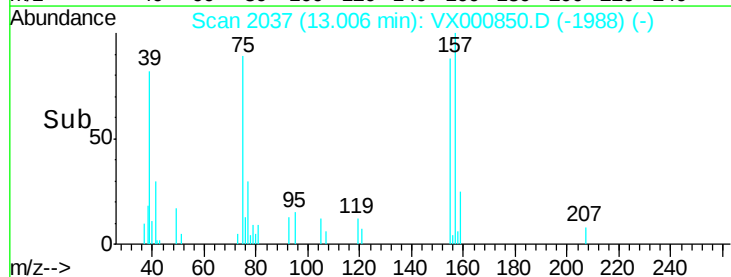
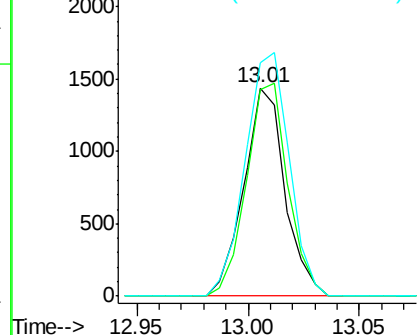


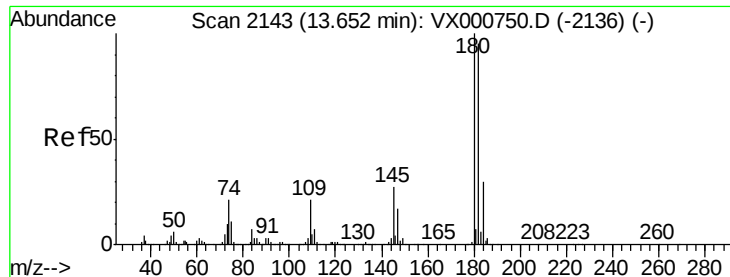
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.95 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX000850.D
 Acq: 13 Apr 2018 15:33

Tgt Ion: 75 Resp: 1855
 Ion Ratio Lower Upper
 75 100
 155 103.1 51.9 155.8
 157 125.0 66.6 199.8



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

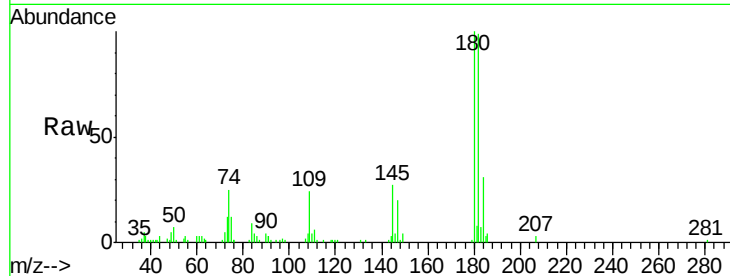




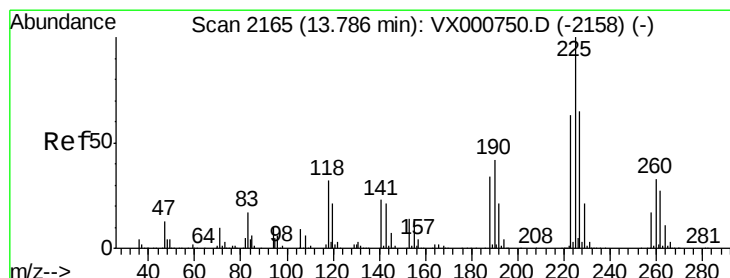
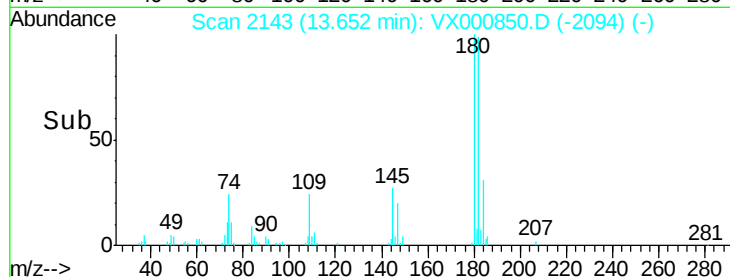
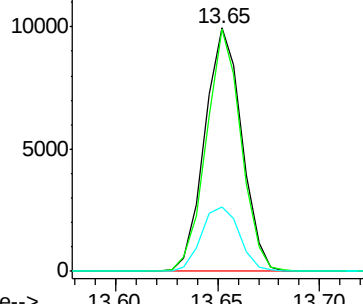
#93
 1,2,4-Trichlorobenzene
 Concen: 2.15 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX000850.D
 Acq: 13 Apr 2018 15:33

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT2-2018

Tgt Ion:180 Resp: 12526
 Ion Ratio Lower Upper
 180 100
 182 93.7 47.5 142.5
 145 27.4 13.8 41.4

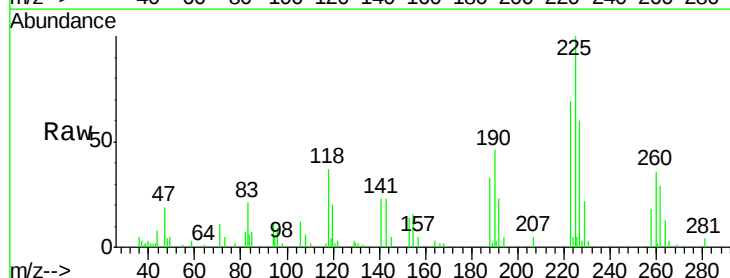


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

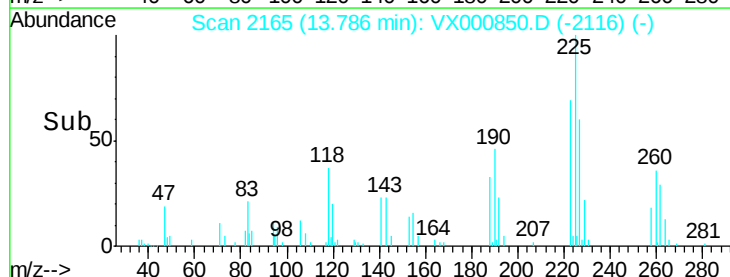
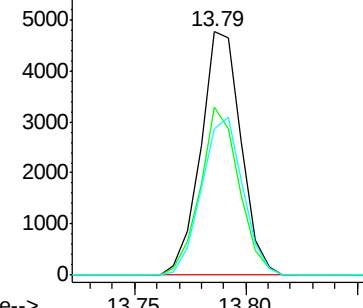


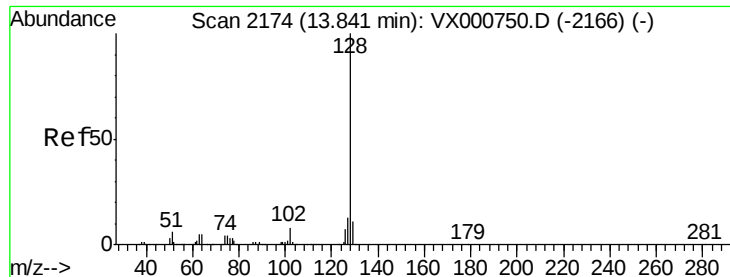
#94
 Hexachlorobutadiene
 Concen: 2.10 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX000850.D
 Acq: 13 Apr 2018 15:33

Tgt Ion:225 Resp: 6021
 Ion Ratio Lower Upper
 225 100
 223 66.3 31.2 93.6
 227 66.0 32.3 96.9



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: 2.14 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX000850.D

Acq: 13 Apr 2018 15:33

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2018

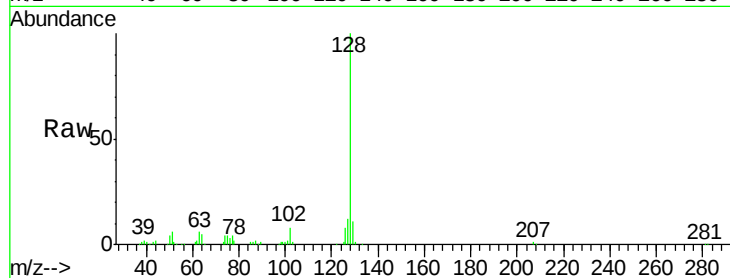
Tgt Ion:128 Resp: 32097

Ion Ratio Lower Upper

128 100

127 12.7 10.4 15.6

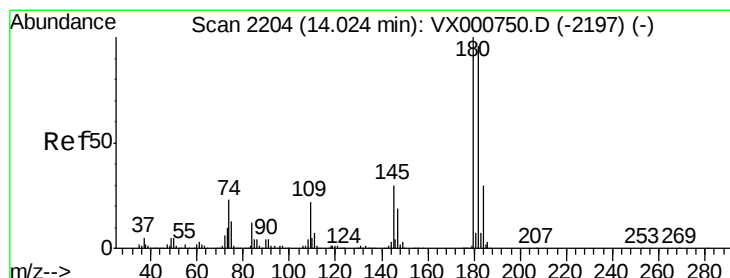
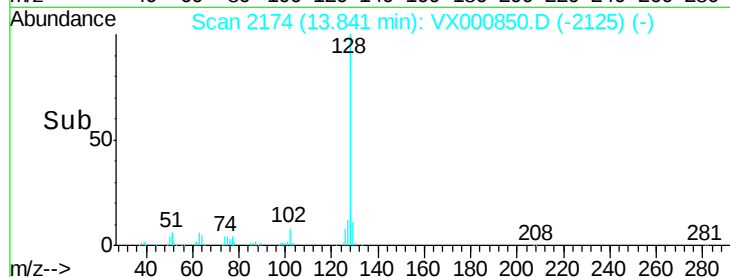
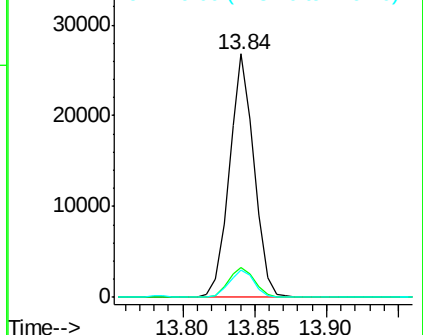
129 11.4 8.7 13.1



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: 2.10 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX000850.D

Acq: 13 Apr 2018 15:33

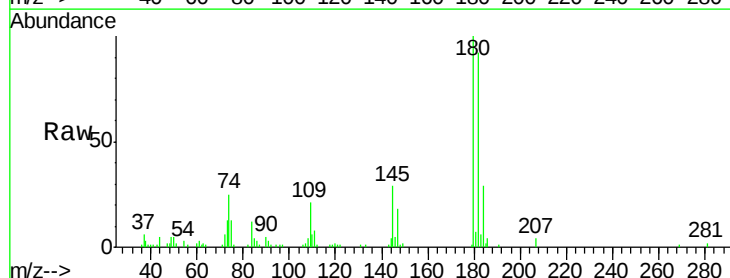
Tgt Ion:180 Resp: 11887

Ion Ratio Lower Upper

180 100

182 97.2 48.4 145.2

145 28.4 14.6 43.8



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

