

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX041318\
 Data File : VX000848.D
 Acq On : 13 Apr 2018 14:44
 Operator : JC/MD
 Sample : J2133-07 LOD-MDL 2.5PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2018

Quant Time: Apr 14 05:12:00 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	245137	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	336879	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	318646	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	210424	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	156667	50.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.38%	
35) Dibromofluoromethane	5.51	113	128383	49.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.92%	
50) Toluene-d8	8.72	98	475465	49.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.40%	
62) 4-Bromofluorobenzene	11.14	95	188996	47.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.54%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	6749	2.44	ug/l	99
3) Chloromethane	1.32	50	6424	2.71	ug/l	93
4) Vinyl Chloride	1.40	62	6984	2.62	ug/l	92
5) Bromomethane	1.65	94	3747	2.07	ug/l	100
6) Chloroethane	1.73	64	5639	3.49	ug/l	99
7) Trichlorofluoromethane	1.93	101	10678	2.65	ug/l	96
8) Diethyl Ether	2.20	74	4397	2.92	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	2.39	101	6360	2.68	ug/l	99
10) Methyl Iodide	2.51	142	2014	9.14	ug/l #	98
11) Tert butyl alcohol	3.08	59	8881	16.18	ug/l	95
12) 1,1-Dichloroethene	2.38	96	6384	2.84	ug/l	91
13) Acrolein	2.31	56	2310	8.67	ug/l #	82
14) Allyl chloride	2.73	41	10718	2.58	ug/l	98
15) Acrylonitrile	3.15	53	17148	14.66	ug/l	96
16) Acetone	2.45	43	16746	15.71	ug/l	100
17) Carbon Disulfide	2.57	76	16601	2.44	ug/l	99
18) Methyl Acetate	2.78	43	9094	3.30	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	20820	2.78	ug/l	98
20) Methylene Chloride	2.86	84	7443	3.00	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	6906	2.78	ug/l	89
22) Diisopropyl ether	3.89	45	21975	2.87	ug/l	98
23) Vinyl Acetate	3.84	43	91650	13.65	ug/l	99
24) 1,1-Dichloroethane	3.70	63	12087	2.82	ug/l	100
25) 2-Butanone	4.72	43	26730	15.19	ug/l	98
26) 2,2-Dichloropropane	4.59	77	10877	2.55	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	8078	2.87	ug/l	96
29) Tetrahydrofuran	5.19	42	17314	15.49	ug/l	99
30) Chloroform	5.23	83	12385	2.73	ug/l	94
31) Cyclohexane	5.57	56	11061	2.71	ug/l	95
32) 1,1,1-Trichloroethane	5.50	97	11150	2.58	ug/l	97
36) 1,1-Dichloropropene	5.81	75	9695	2.61	ug/l	99
37) Ethyl Acetate	4.88	43	10420	2.88	ug/l	99
38) Carbon Tetrachloride	5.79	117	10193	2.45	ug/l	95
39) Methylcyclohexane	7.46	83	11488	2.58	ug/l	91

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 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)
40) Benzene	6.16	78	27309	2.65	ug/l	99
41) Methacrylonitrile	5.07	41	6216	2.97	ug/l	99
42) 1,2-Dichloroethane	6.21	62	10484	2.72	ug/l	89
43) Isopropyl Acetate	6.48	43	16559	2.67	ug/l	99
44) Trichloroethene	7.22	130	8489	2.65	ug/l	97
45) 1,2-Dichloropropane	7.53	63	6850	2.61	ug/l	98
46) Dibromomethane	7.67	93	4614	2.52	ug/l	97
47) Bromodichloromethane	7.91	83	8826	2.39	ug/l	92
48) Methyl methacrylate	7.79	41	8217	2.55	ug/l	95
49) 1,4-Dioxane	7.77	88	3472	53.68	ug/l	94
51) 4-Methyl-2-Pentanone	8.66	43	49117	13.47	ug/l	98
52) Toluene	8.79	92	17647	2.58	ug/l	100
53) t-1,3-Dichloropropene	8.45	75	10121	2.28	ug/l	97
54) cis-1,3-Dichloropropene	9.05	75	9245	2.14	ug/l	100
55) 1,1,2-Trichloroethane	9.22	97	6961	2.56	ug/l	98
56) Ethyl methacrylate	9.19	69	10339	2.47	ug/l	99
57) 1,3-Dichloropropane	9.38	76	11672	2.70	ug/l	98
59) 2-Hexanone	9.51	43	38871	13.80	ug/l	98
60) Dibromochloromethane	9.59	129	7078	2.18	ug/l	100
61) 1,2-Dibromoethane	9.68	107	7512	2.61	ug/l	99
64) Tetrachloroethene	9.34	164	8634	2.77	ug/l	97
65) Chlorobenzene	10.15	112	21357	2.66	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	7102	2.35	ug/l	97
67) Ethyl Benzene	10.26	91	34532	2.58	ug/l	96
68) m/p-Xylenes	10.37	106	26798	5.08	ug/l	98
69) o-Xylene	10.71	106	12797	2.52	ug/l	95
70) Styrene	10.72	104	21289	2.48	ug/l	99
71) Bromoform	10.87	173	5506	1.97	ug/l #	99
73) Isopropylbenzene	11.02	105	35656	2.67	ug/l	100
74) N-amyl acetate	6.48	43	16559	2.75	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	10162	2.62	ug/l	96
76) 1,2,3-Trichloropropane	11.30	75	11428	3.15	ug/l	88
77) Bromobenzene	11.26	156	10403	2.66	ug/l	98
78) n-propylbenzene	11.37	91	40884	2.68	ug/l	99
79) 2-Chlorotoluene	11.43	91	23575	2.61	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	29788	2.59	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.14	75	91723	69.53	ug/l #	11
82) 4-Chlorotoluene	11.52	91	28603	2.63	ug/l	99
83) tert-Butylbenzene	11.77	119	30195	2.57	ug/l	95
84) 1,2,4-Trimethylbenzene	11.81	105	30307	2.56	ug/l	98
85) sec-Butylbenzene	11.95	105	35769	2.58	ug/l	100
86) p-Isopropyltoluene	12.07	119	33251	2.57	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	19119	2.64	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	20004	2.70	ug/l	92
89) n-Butylbenzene	12.40	91	29295	2.57	ug/l	99
90) Hexachloroethane	12.60	117	4357	1.99	ug/l	94
91) 1,2-Dichlorobenzene	12.40	146	18458	2.64	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	2331	2.40	ug/l	92
93) 1,2,4-Trichlorobenzene	13.65	180	15565	2.61	ug/l	99
94) Hexachlorobutadiene	13.79	225	7708	2.63	ug/l	98

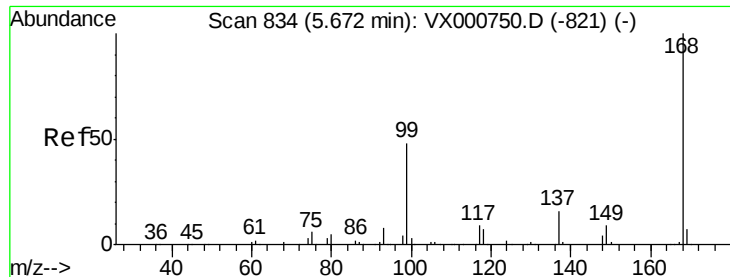
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Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 10 15:49:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	13.84	128	40601	2.65	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	15250	2.63	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: VX000848.D

Acq: 13 Apr 2018 14:44

Instrument :

MSVOA_X

ClientSampleId :

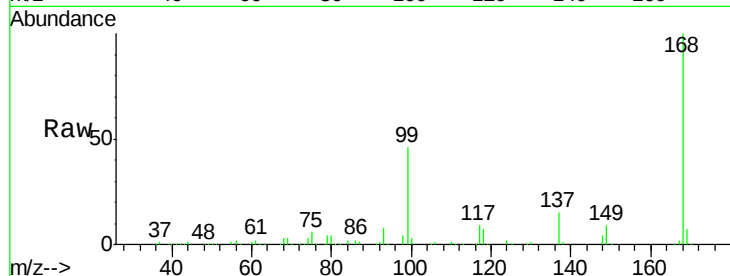
LOD-MDL-WATER-01-QT2-2018

Tgt Ion:168 Resp: 245137

Ion Ratio Lower Upper

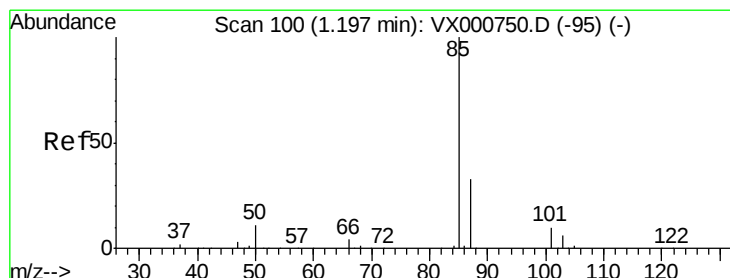
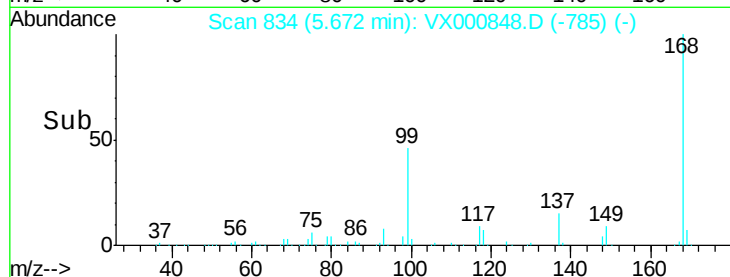
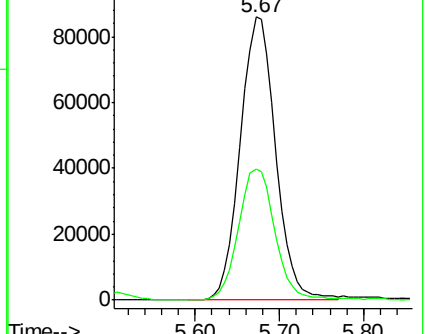
168 100

99 46.1 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 2.44 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX000848.D

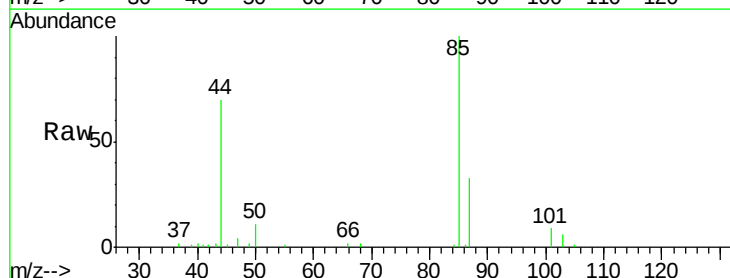
Acq: 13 Apr 2018 14:44

Tgt Ion: 85 Resp: 6749

Ion Ratio Lower Upper

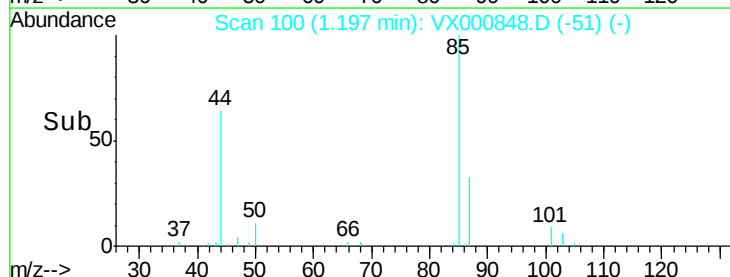
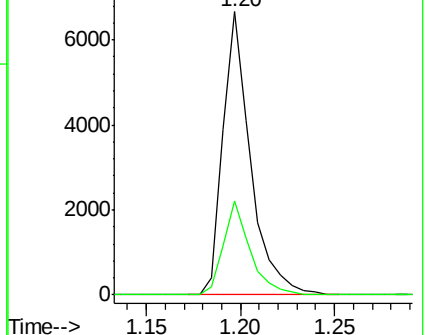
85 100

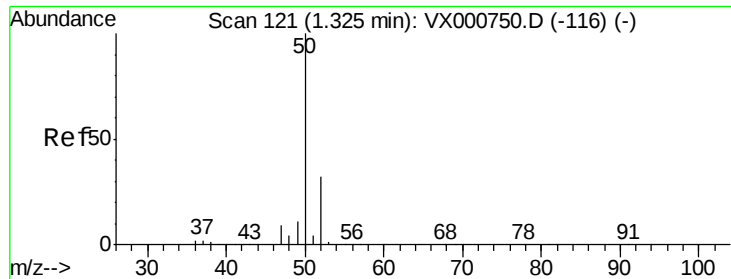
87 33.2 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 2.71 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX000848.D

Acq: 13 Apr 2018 14:44

Instrument :

MSVOA_X

ClientSampleId :

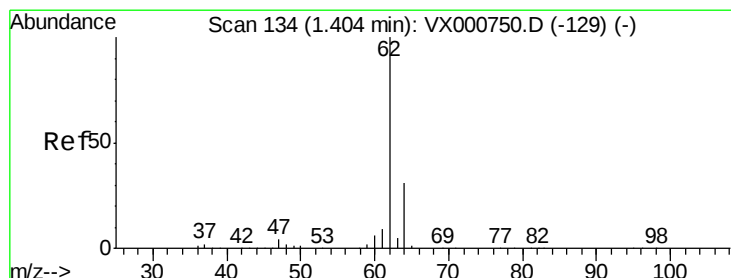
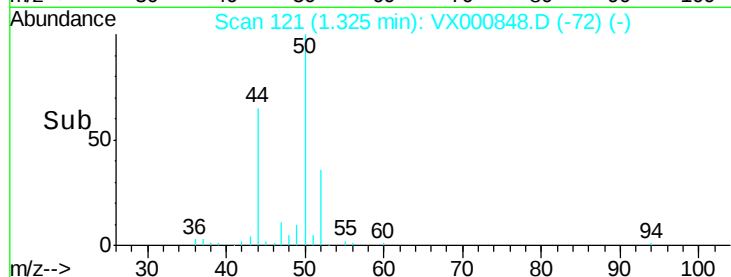
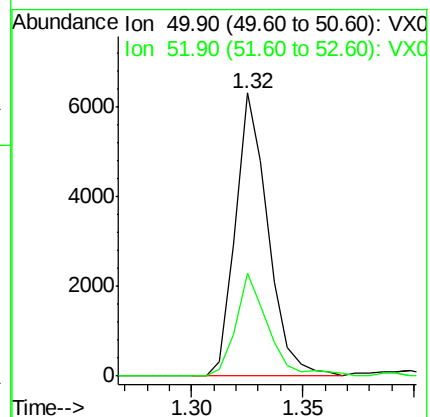
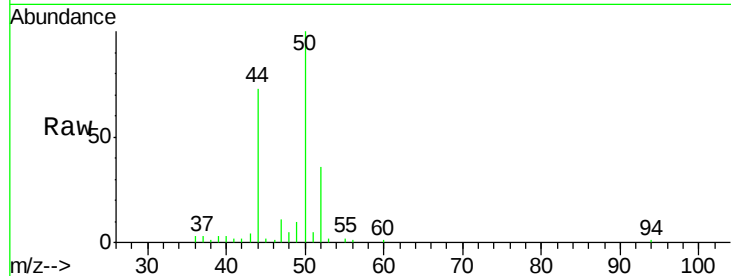
LOD-MDL-WATER-01-QT2-2018

Tgt Ion: 50 Resp: 6424

Ion Ratio Lower Upper

50 100

52 36.2 25.8 38.8



#4

Vinyl Chloride

Concen: 2.62 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX000848.D

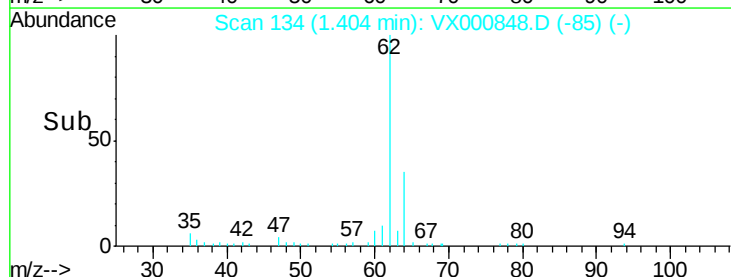
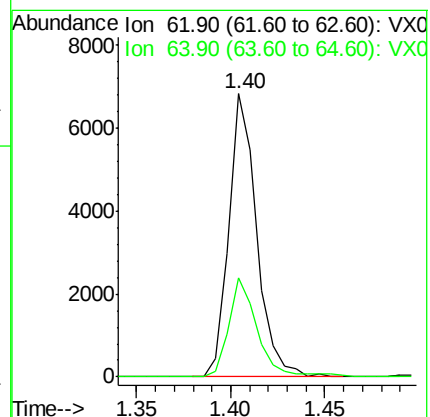
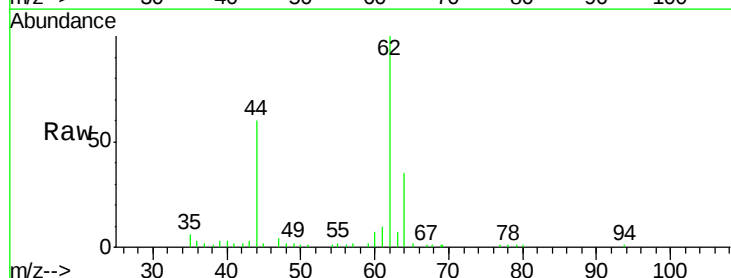
Acq: 13 Apr 2018 14:44

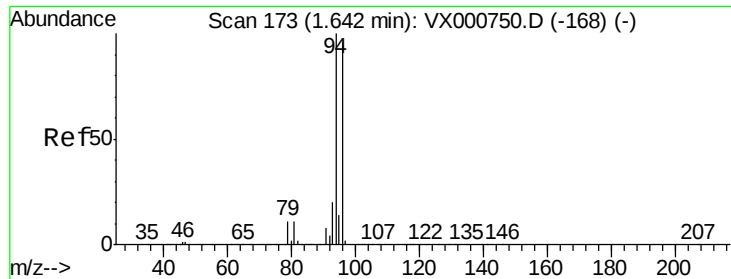
Tgt Ion: 62 Resp: 6984

Ion Ratio Lower Upper

62 100

64 34.9 24.6 36.8





#5

Bromomethane

Concen: 2.07 ug/l

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX000848.D

Acq: 13 Apr 2018 14:44

Instrument :

MSVOA_X

ClientSampleId :

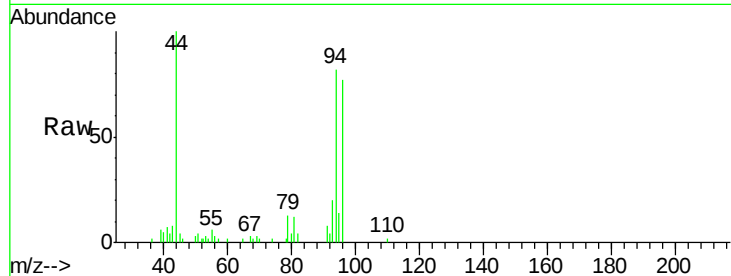
LOD-MDL-WATER-01-QT2-2018

Tgt Ion: 94 Resp: 3747

Ion Ratio Lower Upper

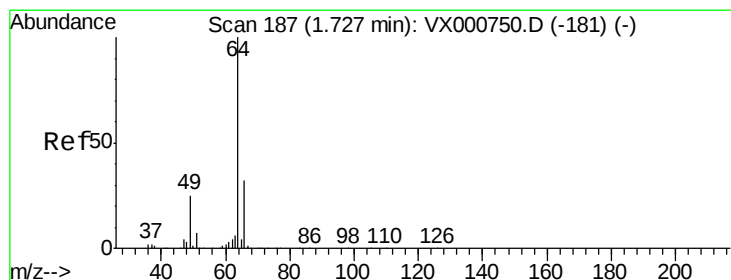
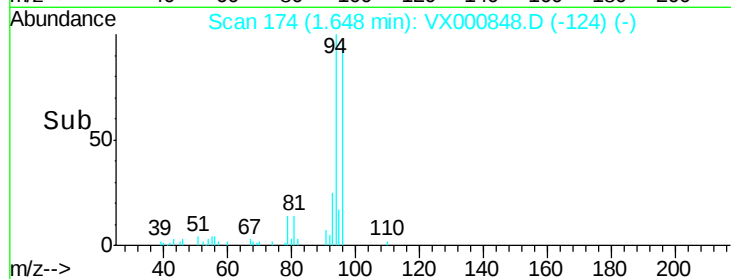
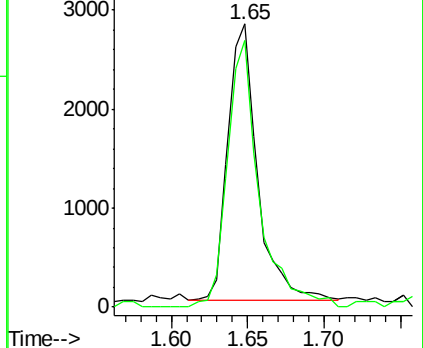
94 100

96 96.5 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: 3.49 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX000848.D

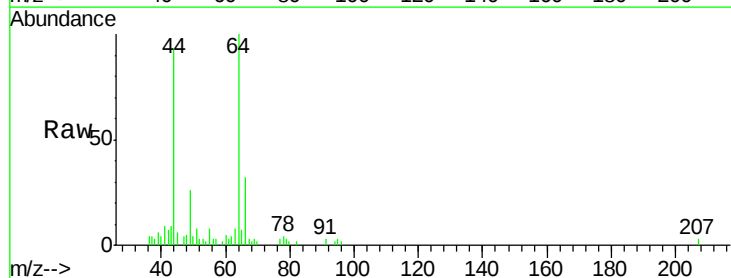
Acq: 13 Apr 2018 14:44

Tgt Ion: 64 Resp: 5639

Ion Ratio Lower Upper

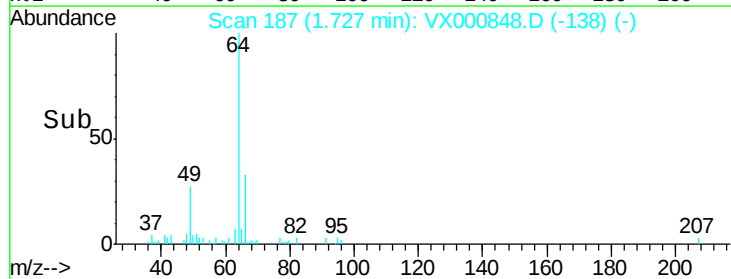
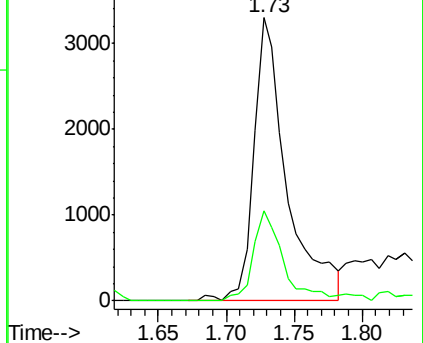
64 100

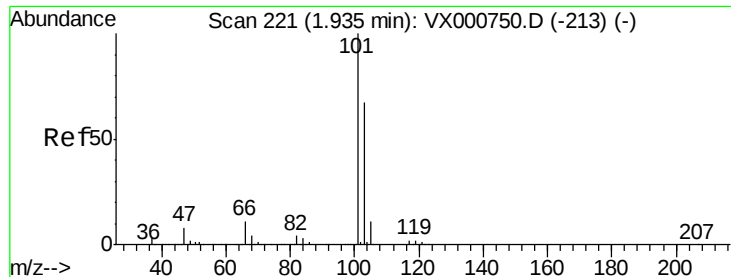
66 31.9 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

Trichlorofluoromethane

Concen: 2.65 ug/l

RT: 1.93 min Scan# 221

Delta R.T. 0.00 min

Lab File: VX000848.D

Acq: 13 Apr 2018 14:44

Instrument :

MSVOA_X

ClientSampleId :

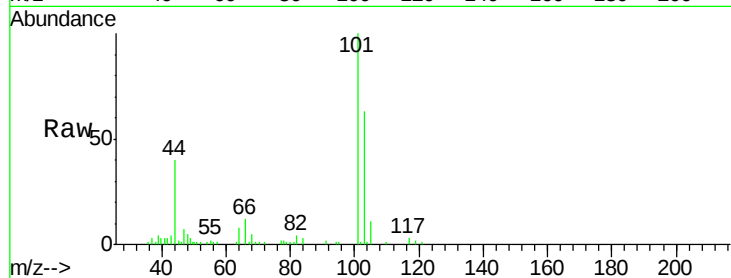
LOD-MDL-WATER-01-QT2-2018

Tgt Ion:101 Resp: 10678

Ion Ratio Lower Upper

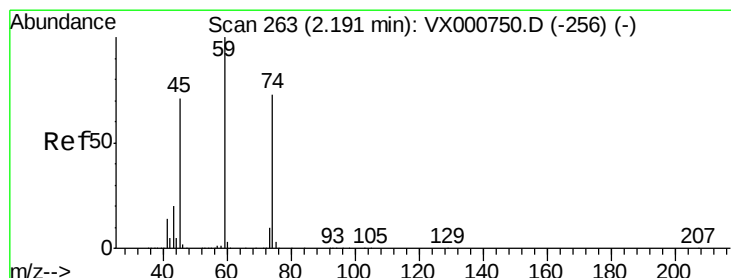
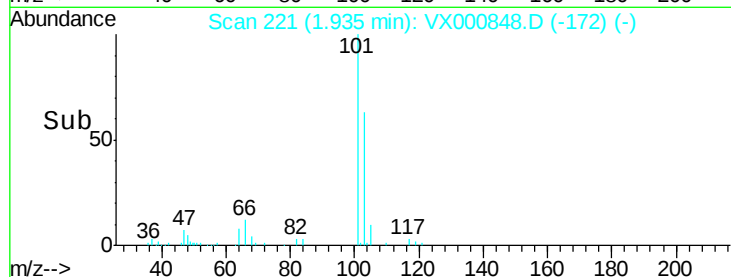
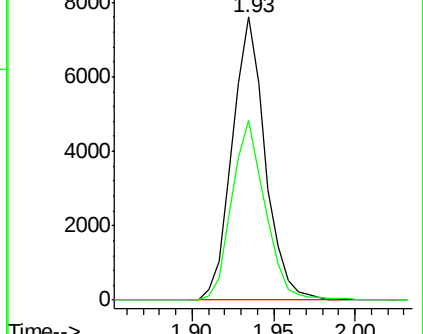
101 100

103 63.4 53.2 79.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 2.92 ug/l

RT: 2.20 min Scan# 264

Delta R.T. 0.01 min

Lab File: VX000848.D

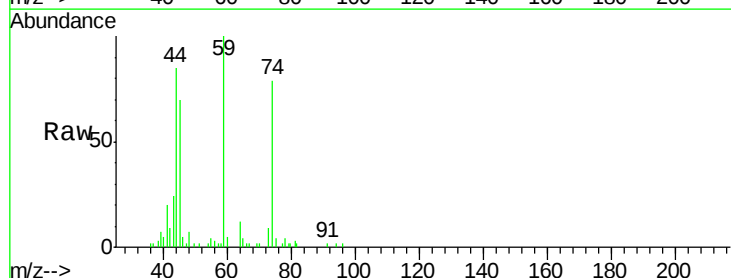
Acq: 13 Apr 2018 14:44

Tgt Ion: 74 Resp: 4397

Ion Ratio Lower Upper

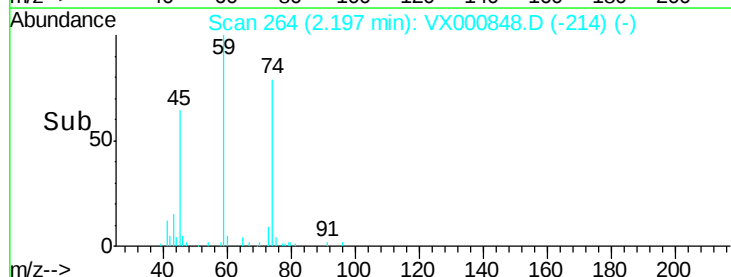
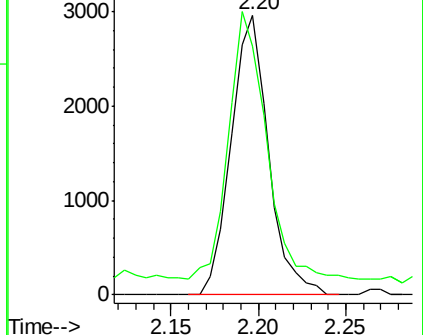
74 100

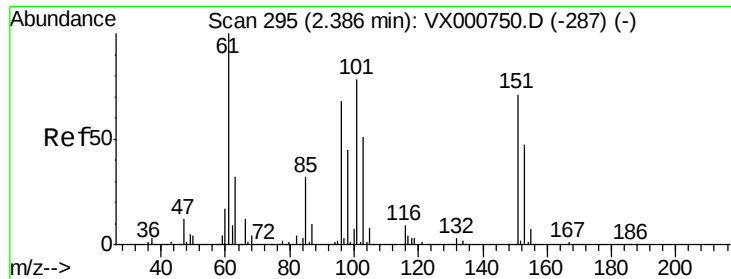
45 106.4 48.6 145.8



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 2.68 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.00 min

Lab File: VX000848.D

Acq: 13 Apr 2018 14:44

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2018

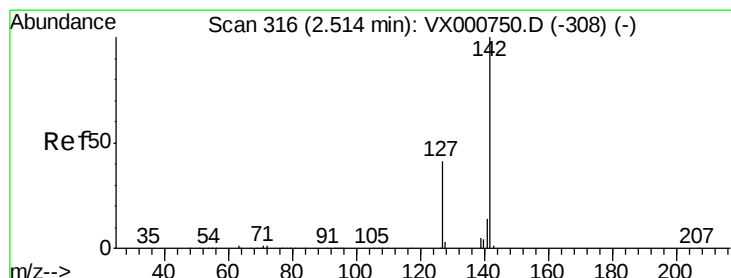
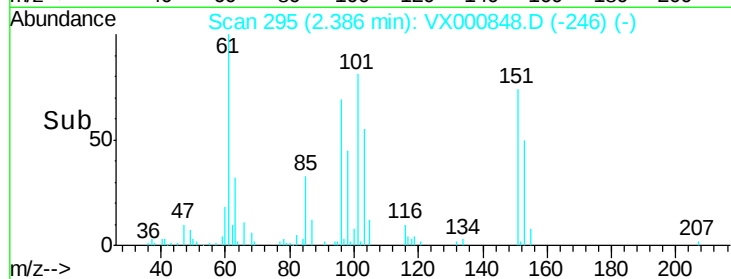
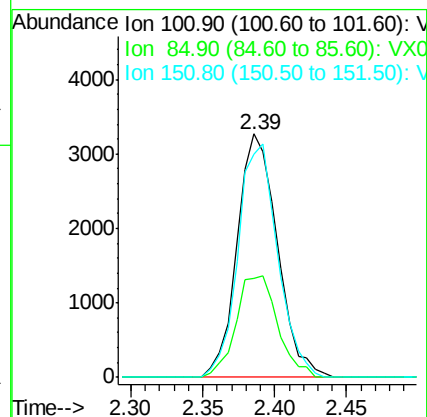
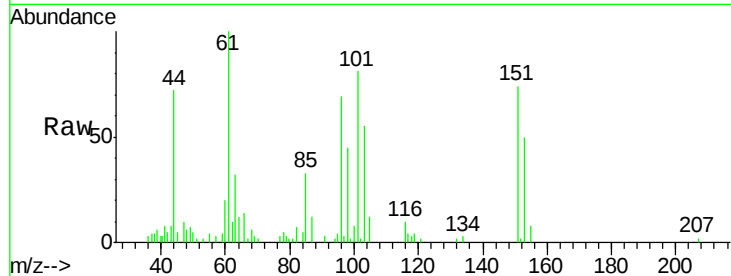
Tgt Ion:101 Resp: 6360

Ion Ratio Lower Upper

101 100

85 43.2 34.0 51.0

151 94.6 75.8 113.8



#10

Methyl Iodide

Concen: 9.14 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX000848.D

Acq: 13 Apr 2018 14:44

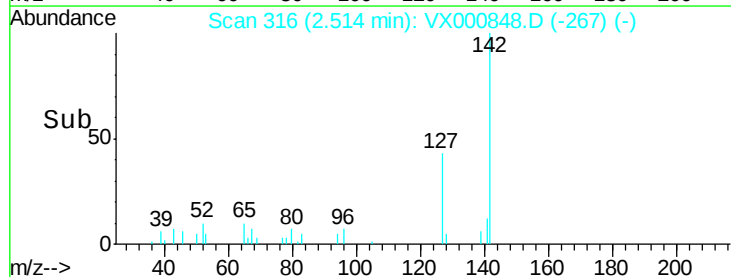
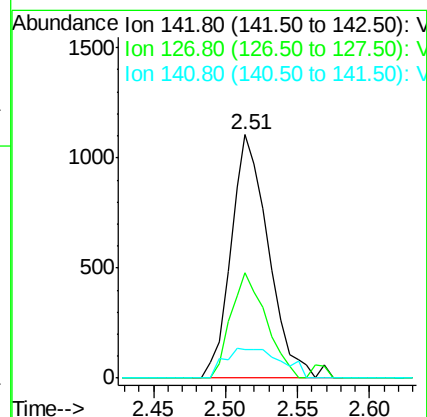
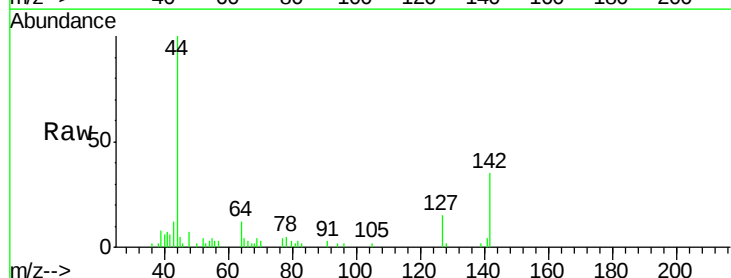
Tgt Ion:142 Resp: 2014

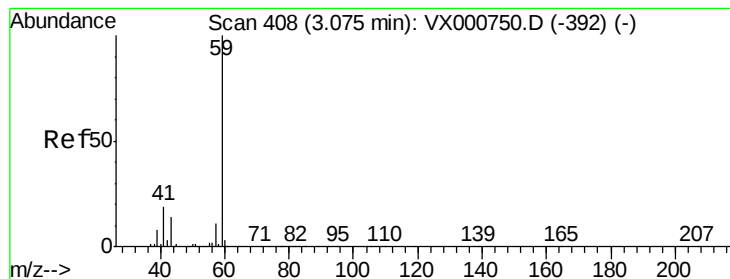
Ion Ratio Lower Upper

142 100

127 40.9 32.6 49.0

141 18.2 11.5 17.3#





#11

Tert butyl alcohol

Concen: 16.18 ug/l

RT: 3.08 min Scan# 409

Delta R.T. 0.01 min

Lab File: VX000848.D

Acq: 13 Apr 2018 14:44

Instrument :

MSVOA_X

ClientSampleId :

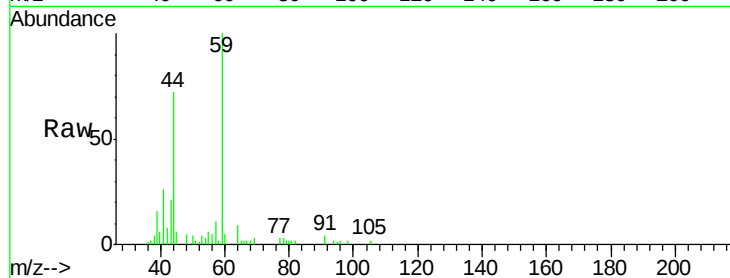
LOD-MDL-WATER-01-QT2-2018

Tgt Ion: 59 Resp: 8881

Ion Ratio Lower Upper

59 100

57 12.4 8.4 12.6



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.08

4000

3000

2000

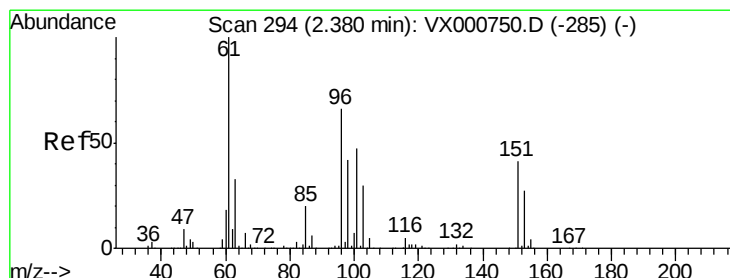
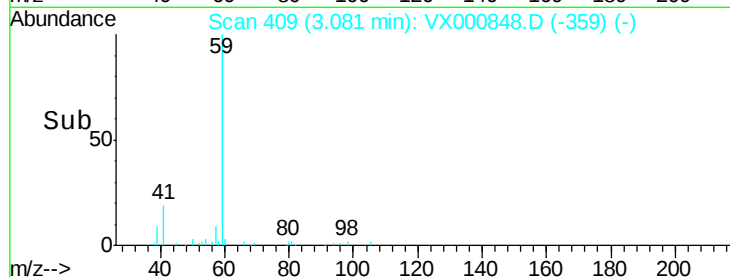
1000

0

Time-->

3.00

3.10



#12

1,1-Dichloroethene

Concen: 2.84 ug/l

RT: 2.38 min Scan# 294

Delta R.T. 0.00 min

Lab File: VX000848.D

Acq: 13 Apr 2018 14:44

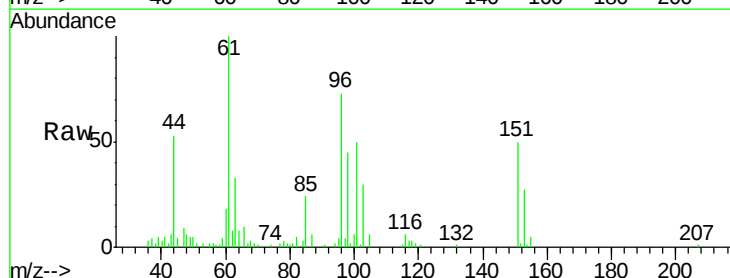
Tgt Ion: 96 Resp: 6384

Ion Ratio Lower Upper

96 100

61 136.1 120.5 180.7

98 61.1 50.9 76.3



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

8000

6000

4000

2000

0

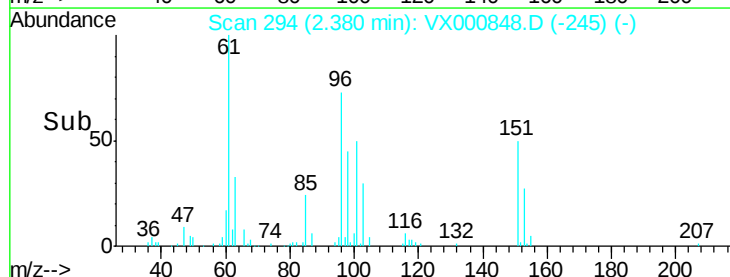
Time-->

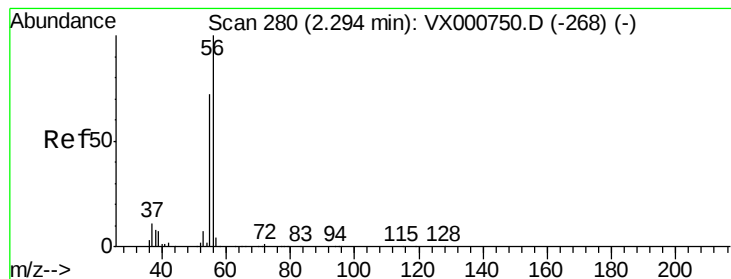
2.30

2.35

2.40

2.45





#13

Acrolein

Concen: 8.67 ug/l

RT: 2.31 min Scan# 282

Delta R.T. 0.01 min

Lab File: VX000848.D

Acq: 13 Apr 2018 14:44

Instrument :

MSVOA_X

ClientSampleId :

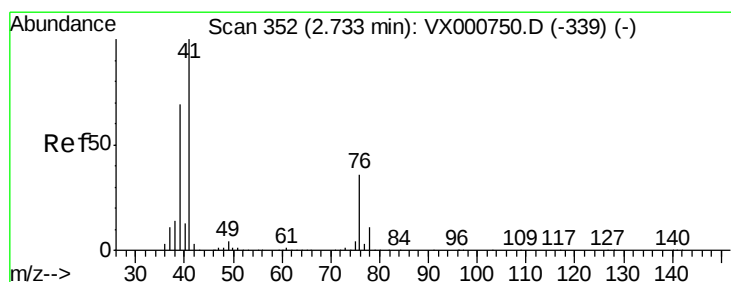
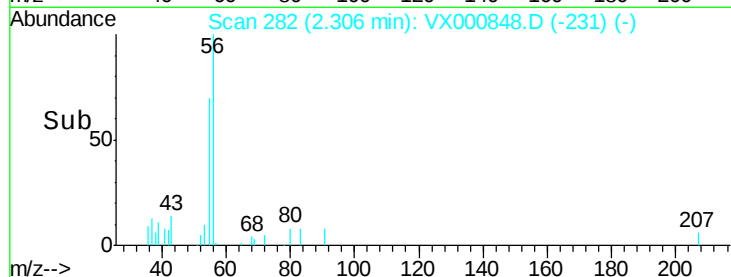
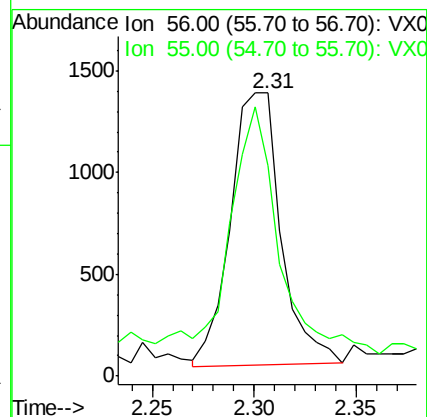
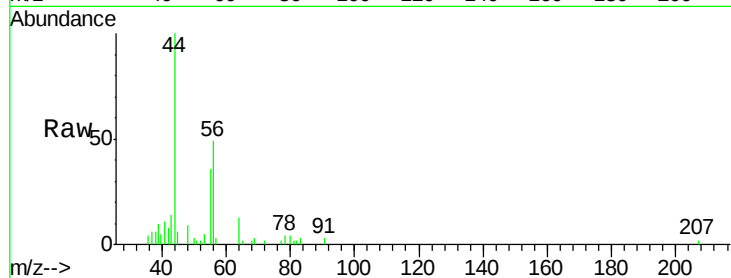
LOD-MDL-WATER-01-QT2-2018

Tgt Ion: 56 Resp: 2310

Ion Ratio Lower Upper

56 100

55 88.7 58.7 88.1#



#14

Allyl chloride

Concen: 2.58 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.01 min

Lab File: VX000848.D

Acq: 13 Apr 2018 14:44

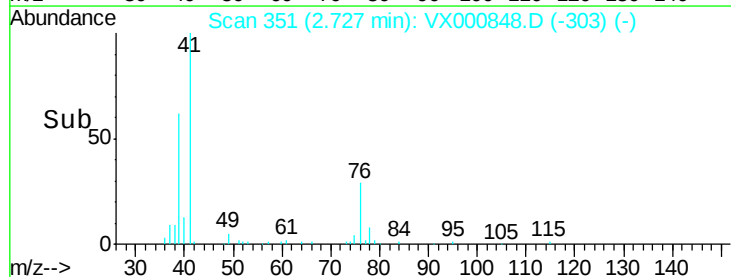
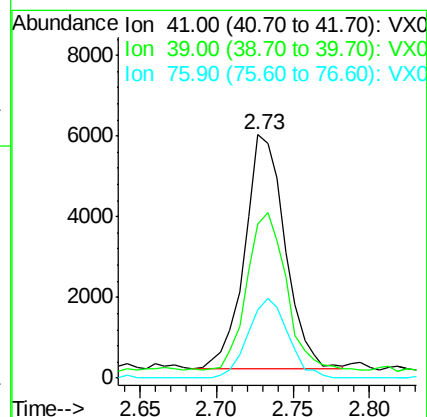
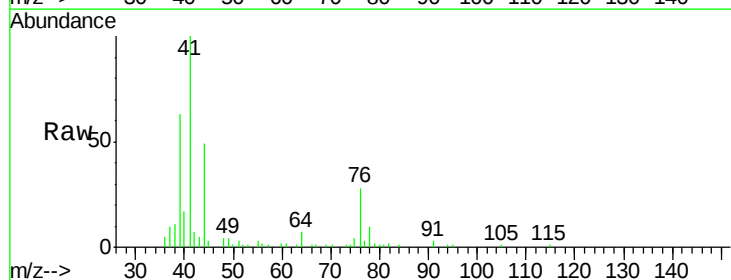
Tgt Ion: 41 Resp: 10718

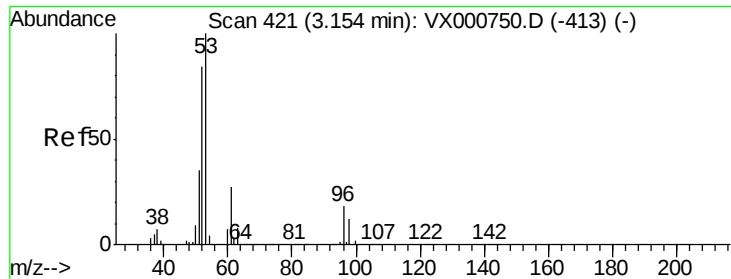
Ion Ratio Lower Upper

41 100

39 66.3 51.5 77.3

76 33.6 26.5 39.7





#15

Acrylonitrile

Concen: 14.66 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX000848.D

Acq: 13 Apr 2018 14:44

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2018

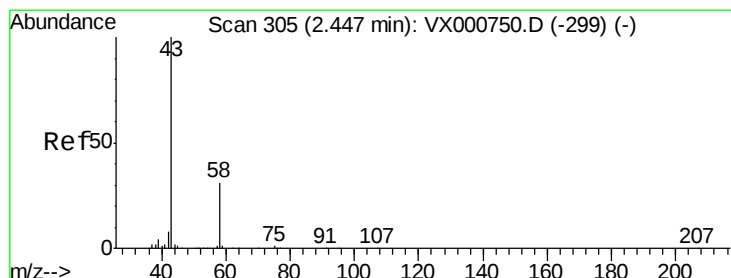
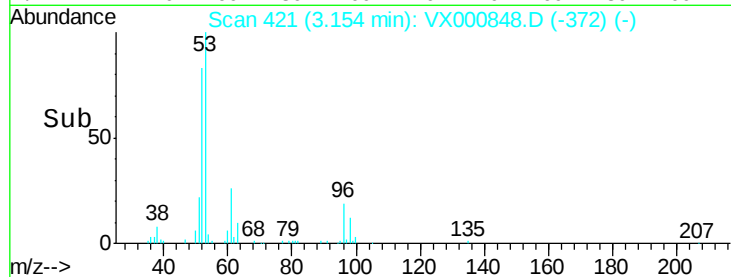
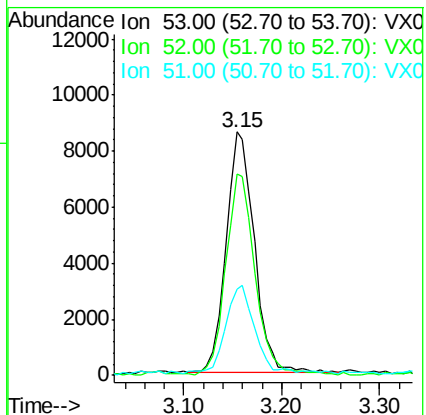
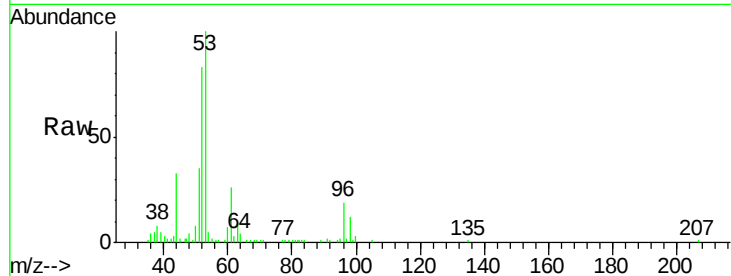
Tgt Ion: 53 Resp: 17148

Ion Ratio Lower Upper

53 100

52 87.8 66.5 99.7

51 36.1 28.8 43.2



#16

Acetone

Concen: 15.71 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX000848.D

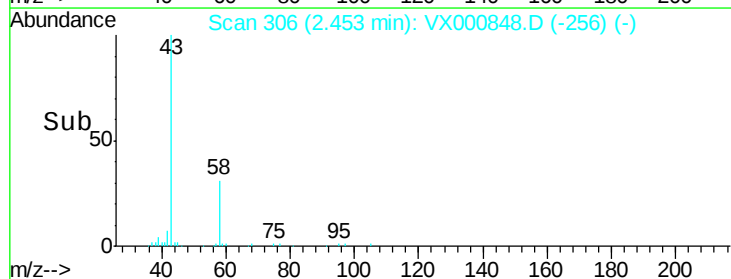
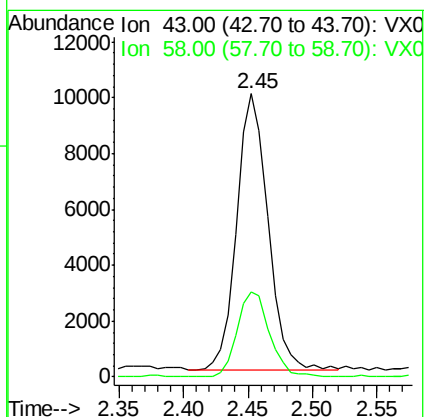
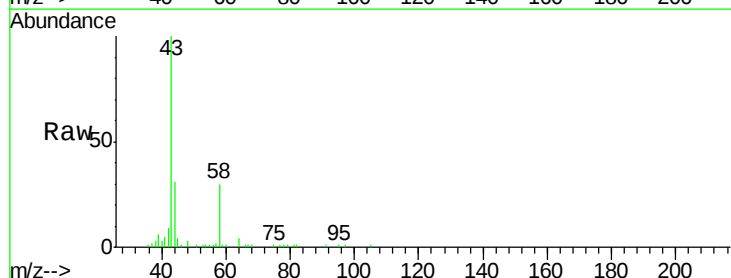
Acq: 13 Apr 2018 14:44

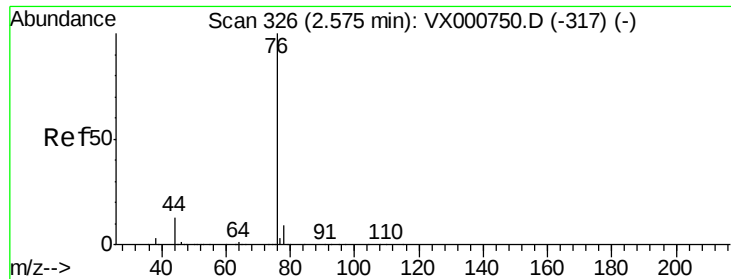
Tgt Ion: 43 Resp: 16746

Ion Ratio Lower Upper

43 100

58 30.9 24.6 37.0

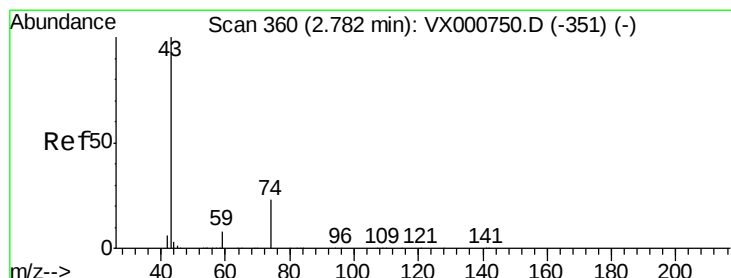
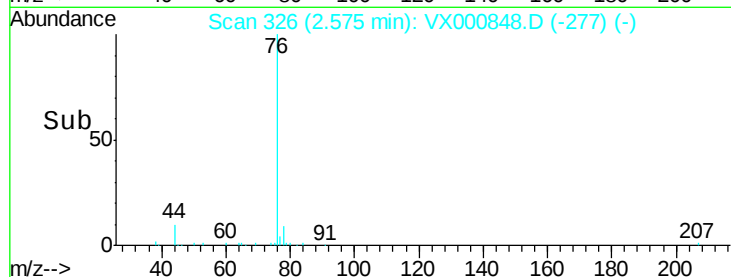
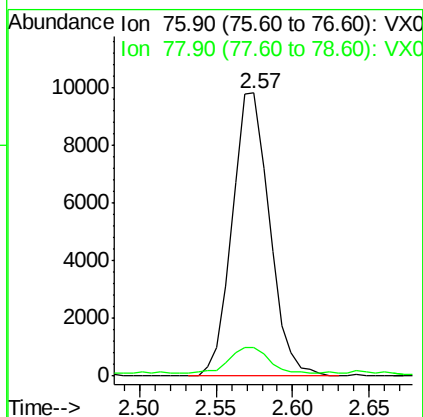
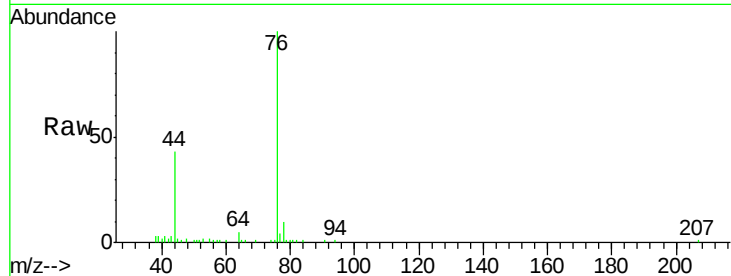




#17
Carbon Disulfide
Concen: 2.44 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.00 min
Lab File: VX000848.D
Acq: 13 Apr 2018 14:44

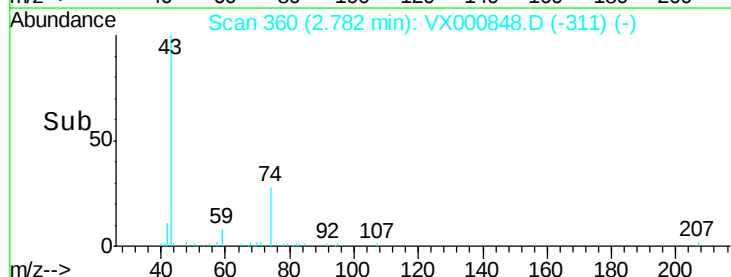
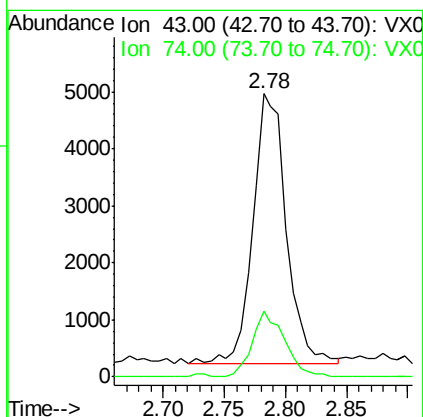
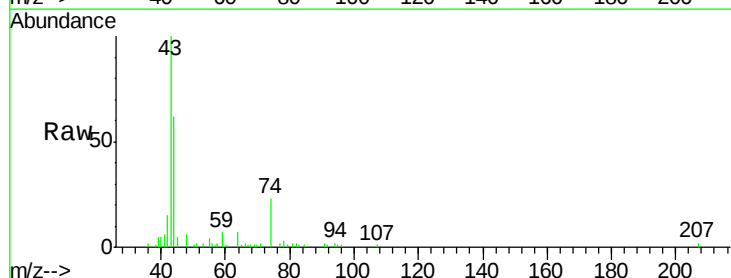
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2018

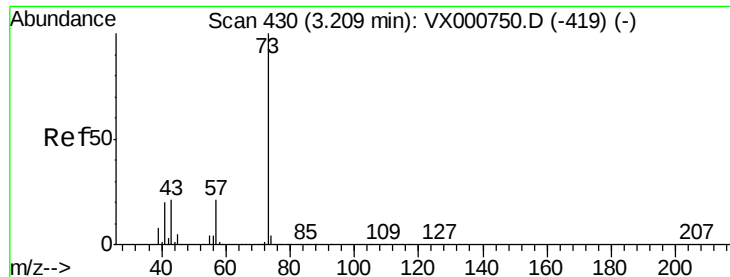
Tgt Ion: 76 Resp: 16601
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.2



#18
Methyl Acetate
Concen: 3.30 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX000848.D
Acq: 13 Apr 2018 14:44

Tgt Ion: 43 Resp: 9094
Ion Ratio Lower Upper
43 100
74 23.5 19.1 28.7

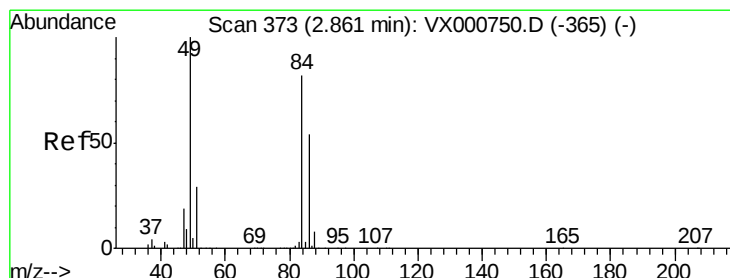
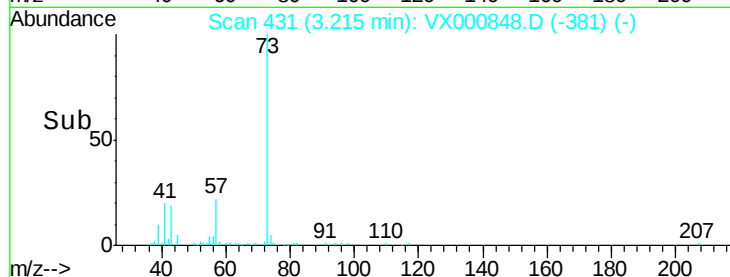
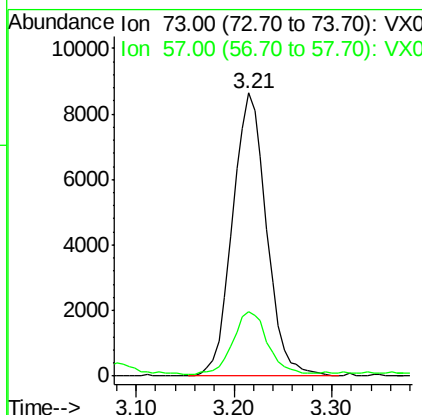
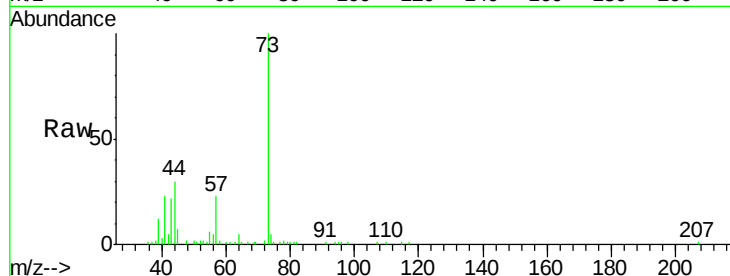




#19
Methyl tert-butyl Ether
Concen: 2.78 ug/l
RT: 3.21 min Scan# 431
Delta R.T. 0.01 min
Lab File: VX000848.D
Acq: 13 Apr 2018 14:44

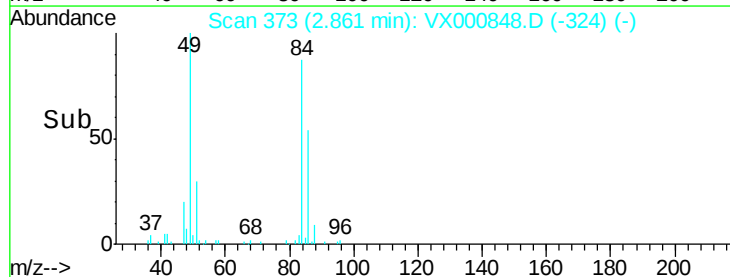
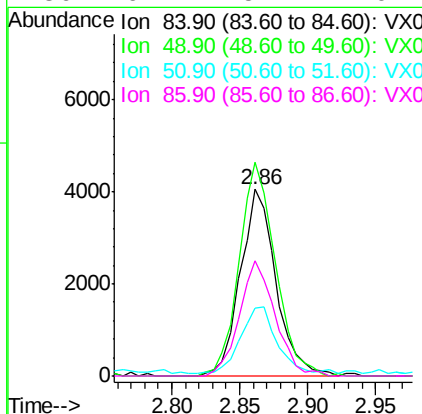
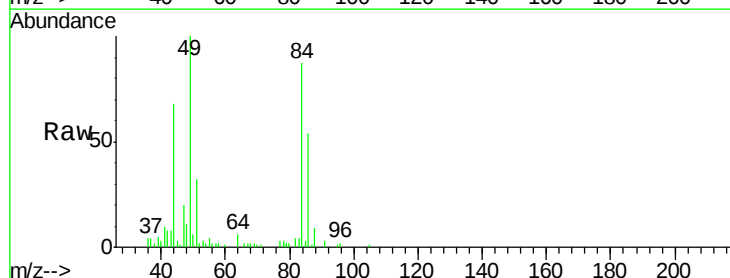
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2018

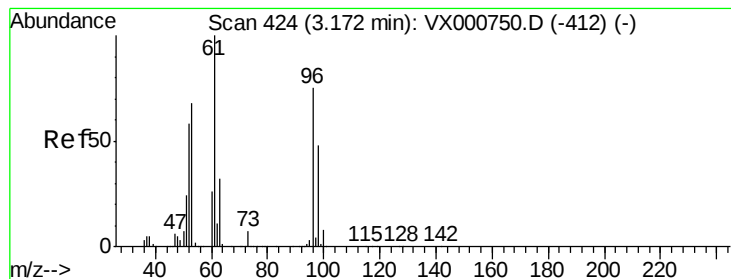
Tgt Ion: 73 Resp: 20820
Ion Ratio Lower Upper
73 100
57 21.9 16.9 25.3



#20
Methylene Chloride
Concen: 3.00 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX000848.D
Acq: 13 Apr 2018 14:44

Tgt Ion: 84 Resp: 7443
Ion Ratio Lower Upper
84 100
49 114.6 98.1 147.1
51 35.1 28.9 43.3
86 61.7 52.7 79.1





#21

trans-1,2-Dichloroethene

Concen: 2.78 ug/l

RT: 3.17 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX000848.D

Acq: 13 Apr 2018 14:44

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2018

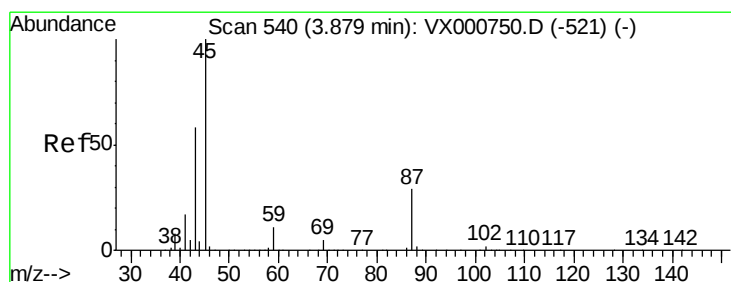
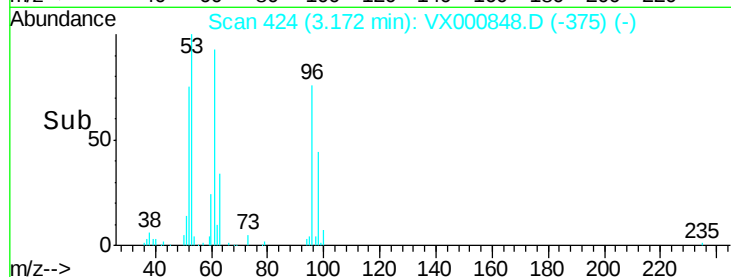
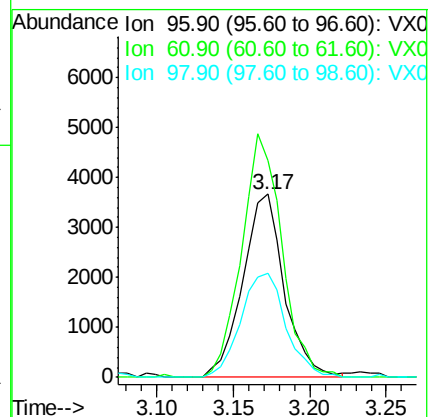
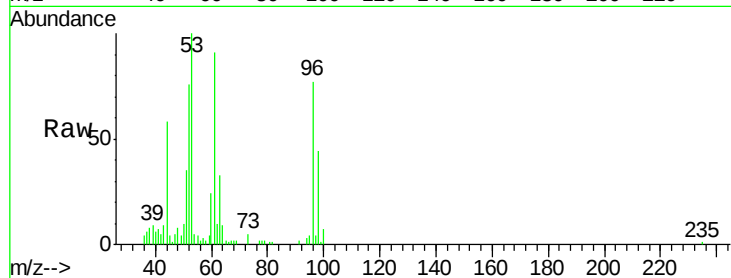
Tgt Ion: 96 Resp: 6906

Ion Ratio Lower Upper

96 100

61 118.5 106.2 159.2

98 57.0 51.2 76.8



#22

Diisopropyl ether

Concen: 2.87 ug/l

RT: 3.89 min Scan# 541

Delta R.T. 0.01 min

Lab File: VX000848.D

Acq: 13 Apr 2018 14:44

Tgt Ion: 45 Resp: 21975

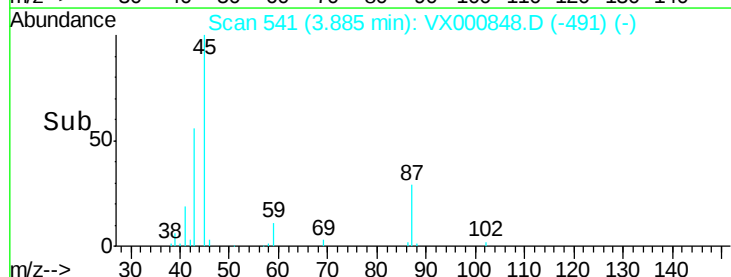
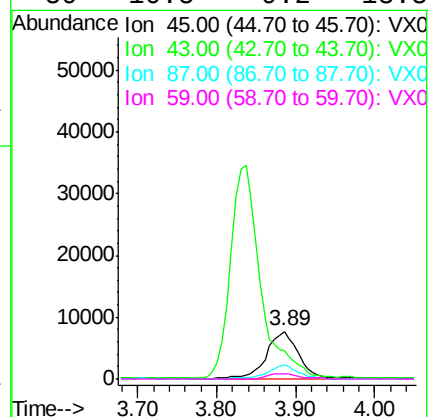
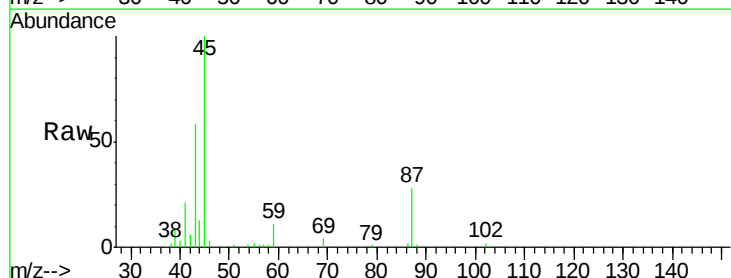
Ion Ratio Lower Upper

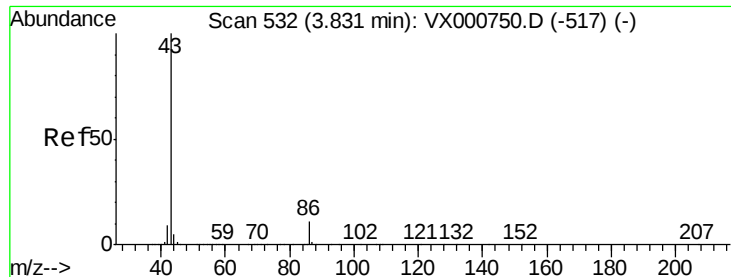
45 100

43 55.9 46.6 69.8

87 28.4 22.9 34.3

59 10.5 9.2 13.8





#23

Vinyl Acetate

Concen: 13.65 ug/l

RT: 3.84 min Scan# 533

Delta R.T. 0.01 min

Lab File: VX000848.D

Acq: 13 Apr 2018 14:44

Instrument :

MSVOA_X

ClientSampleId :

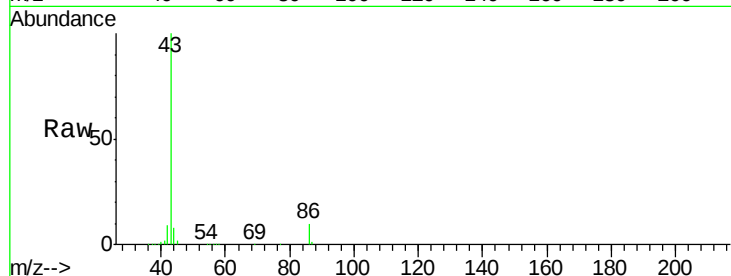
LOD-MDL-WATER-01-QT2-2018

Tgt Ion: 43 Resp: 91650

Ion Ratio Lower Upper

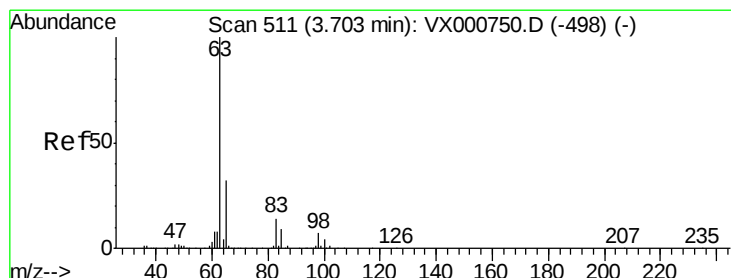
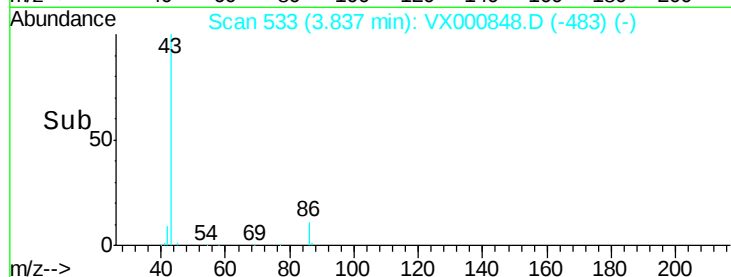
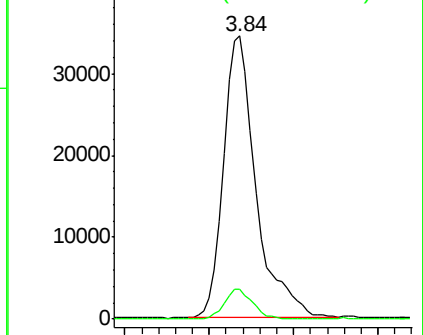
43 100

86 10.5 8.6 12.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 2.82 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.00 min

Lab File: VX000848.D

Acq: 13 Apr 2018 14:44

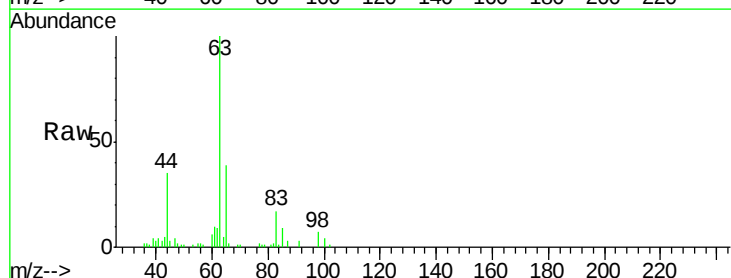
Tgt Ion: 63 Resp: 12087

Ion Ratio Lower Upper

63 100

98 6.6 3.3 9.9

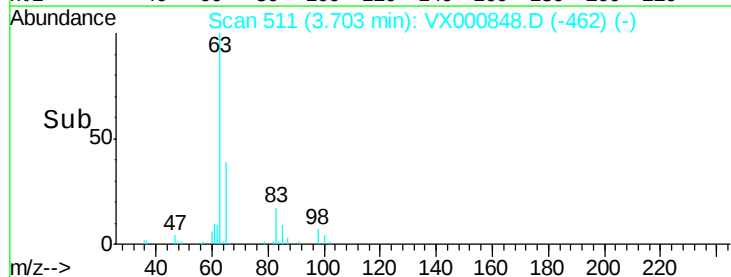
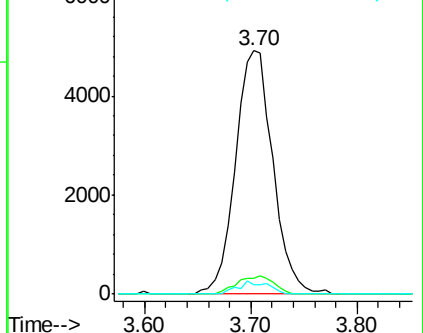
100 3.9 2.1 6.3

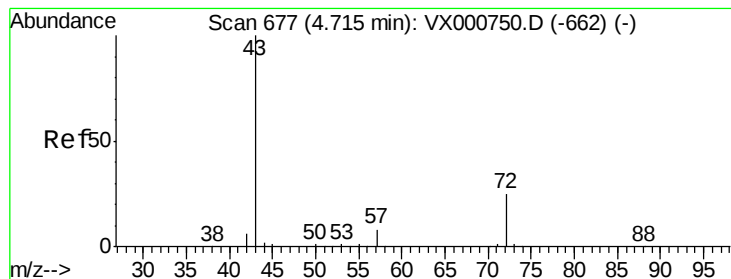


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 15.19 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.01 min

Lab File: VX000848.D

Acq: 13 Apr 2018 14:44

Instrument :

MSVOA_X

ClientSampleId :

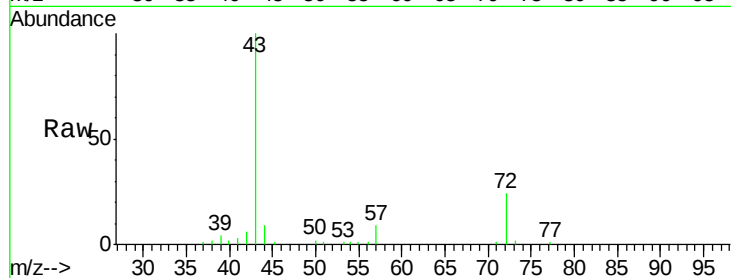
LOD-MDL-WATER-01-QT2-2018

Tgt Ion: 43 Resp: 26730

Ion Ratio Lower Upper

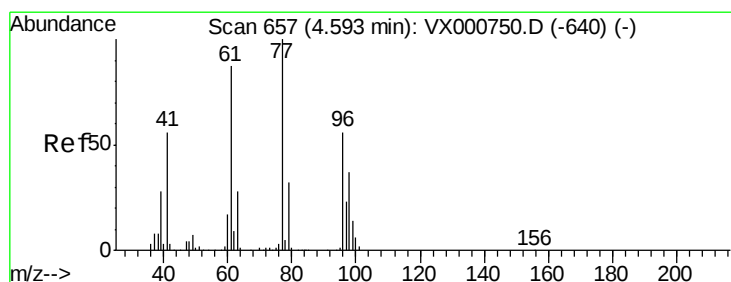
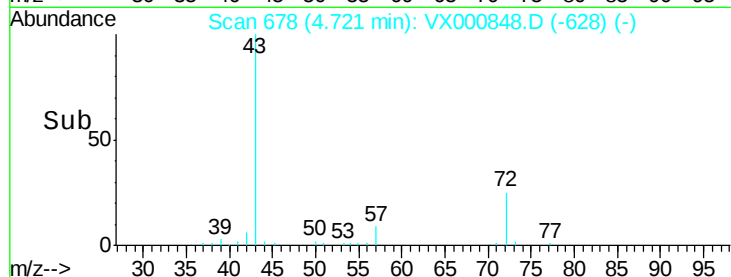
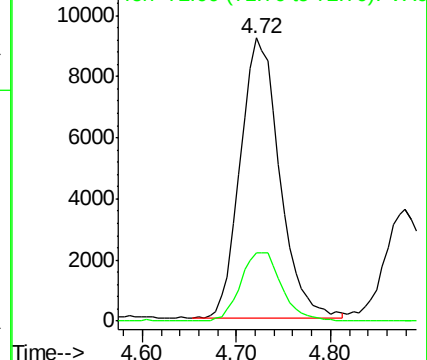
43 100

72 24.5 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: 2.55 ug/l

RT: 4.59 min Scan# 657

Delta R.T. 0.00 min

Lab File: VX000848.D

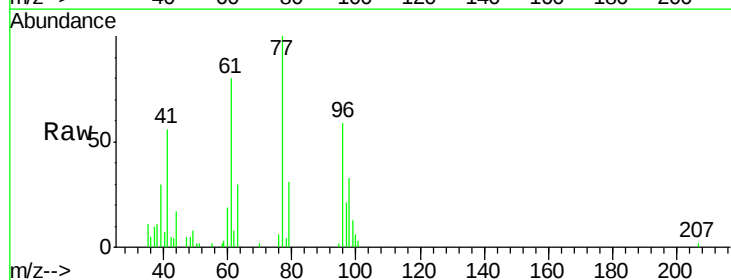
Acq: 13 Apr 2018 14:44

Tgt Ion: 77 Resp: 10877

Ion Ratio Lower Upper

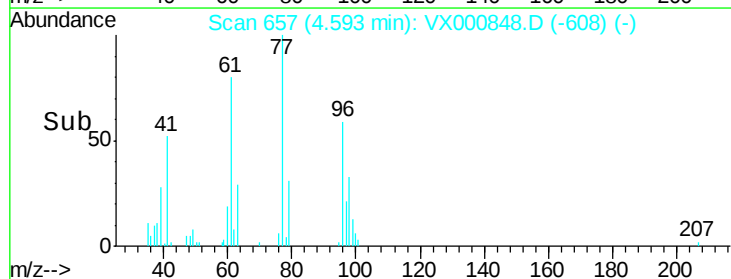
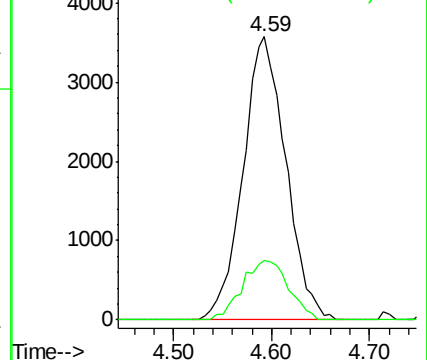
77 100

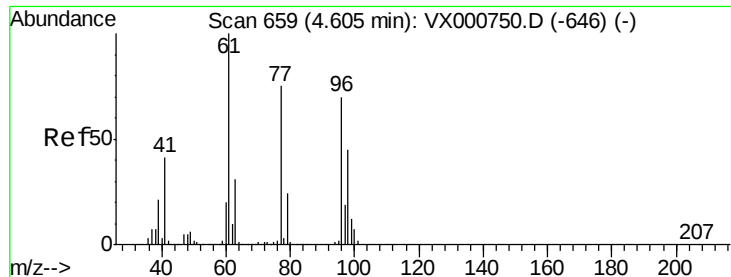
97 22.7 11.5 34.4



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: 2.87 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.00 min

Lab File: VX000848.D

Acq: 13 Apr 2018 14:44

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2018

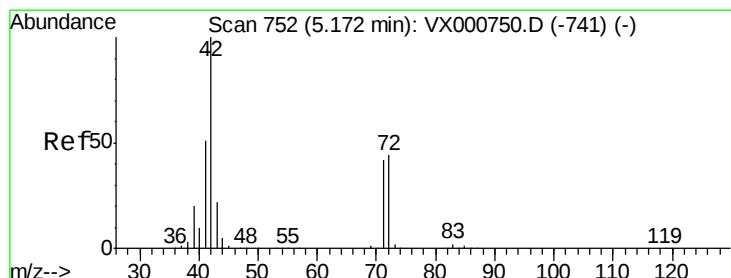
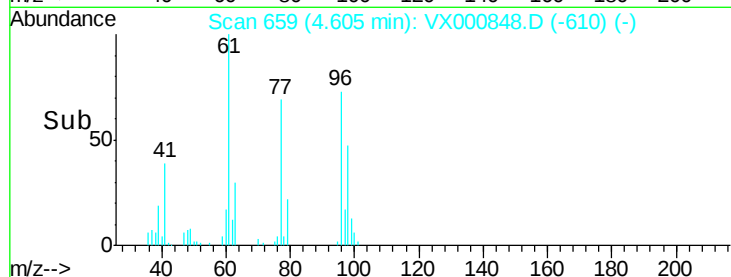
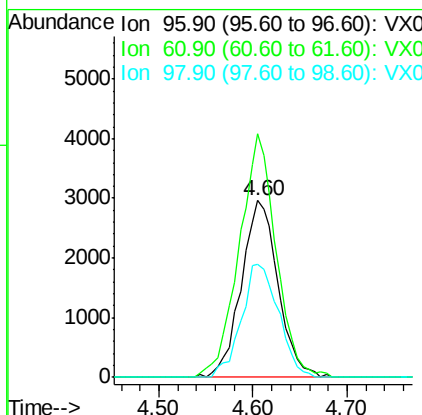
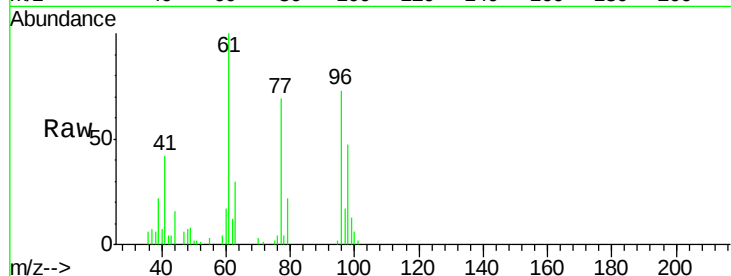
Tgt Ion: 96 Resp: 8078

Ion Ratio Lower Upper

96 100

61 138.5 0.0 292.4

98 64.5 0.0 130.2



#29

Tetrahydrofuran

Concen: 15.49 ug/l

RT: 5.19 min Scan# 755

Delta R.T. 0.02 min

Lab File: VX000848.D

Acq: 13 Apr 2018 14:44

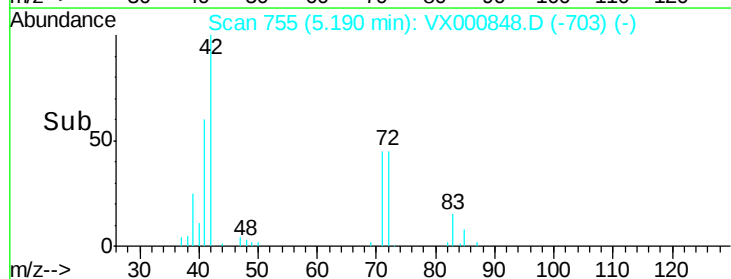
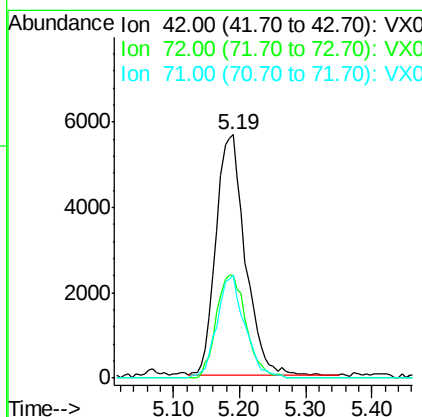
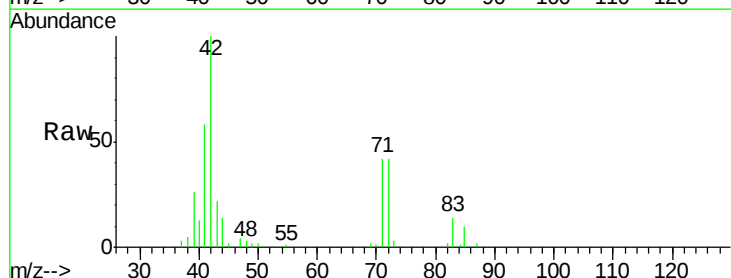
Tgt Ion: 42 Resp: 17314

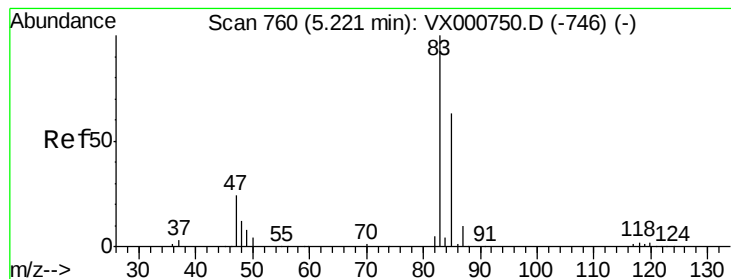
Ion Ratio Lower Upper

42 100

72 43.7 35.1 52.7

71 40.6 32.8 49.2





#30

Chloroform

Concen: 2.73 ug/l

RT: 5.23 min Scan# 761

Delta R.T. 0.01 min

Lab File: VX000848.D

Acq: 13 Apr 2018 14:44

Instrument :

MSVOA_X

ClientSampleId :

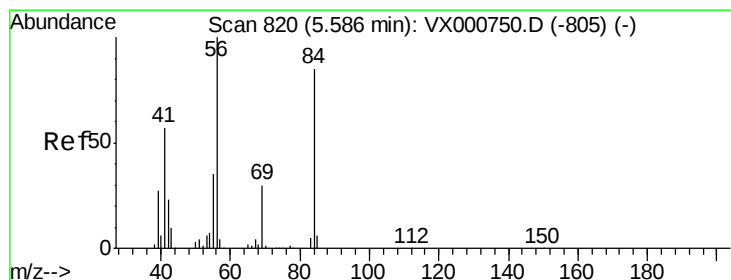
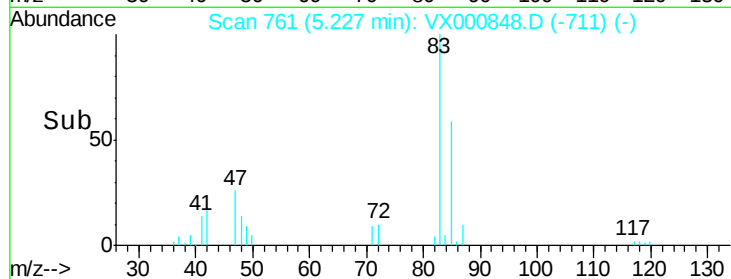
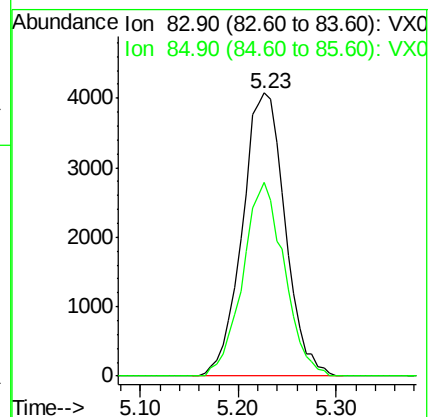
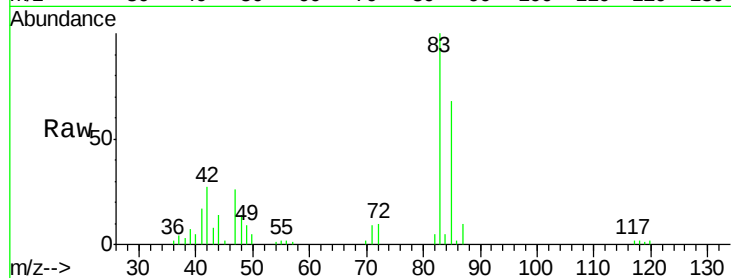
LOD-MDL-WATER-01-QT2-2018

Tgt Ion: 83 Resp: 12385

Ion Ratio Lower Upper

83 100

85 68.4 50.7 76.1



#31

Cyclohexane

Concen: 2.71 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX000848.D

Acq: 13 Apr 2018 14:44

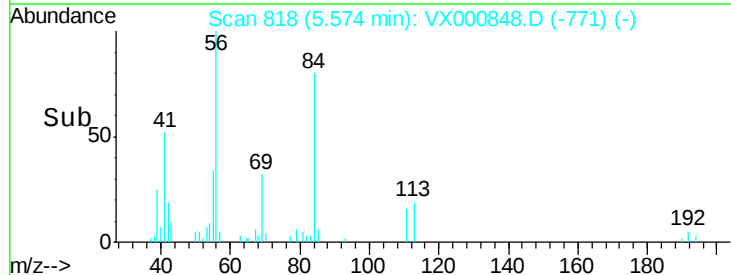
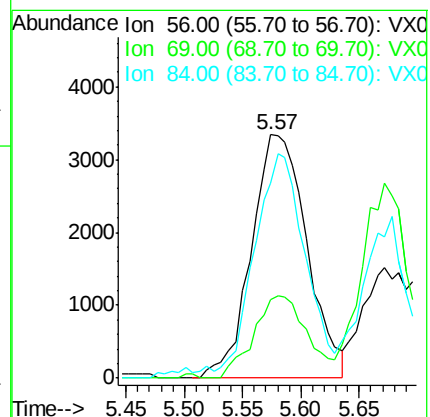
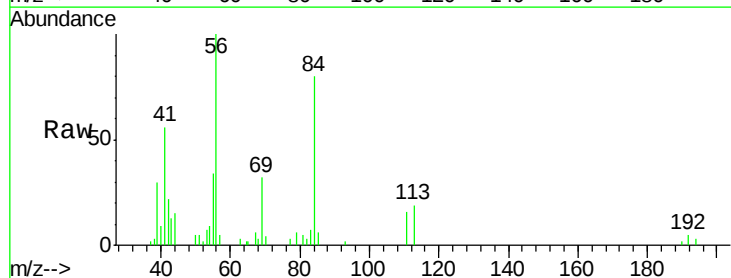
Tgt Ion: 56 Resp: 11061

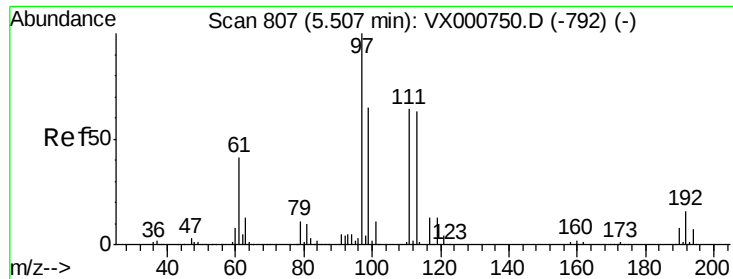
Ion Ratio Lower Upper

56 100

69 30.2 24.2 36.4

84 78.2 67.6 101.4





#32

1,1,1-Trichloroethane

Concen: 2.58 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.01 min

Lab File: VX000848.D

Acq: 13 Apr 2018 14:44

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2018

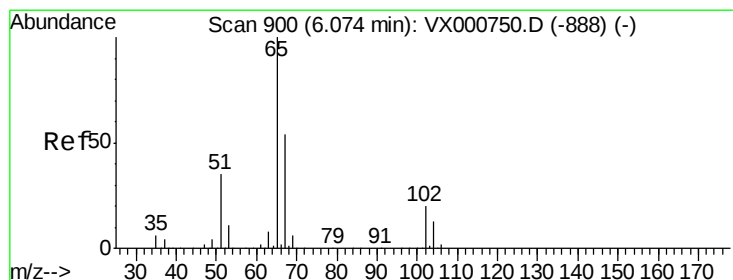
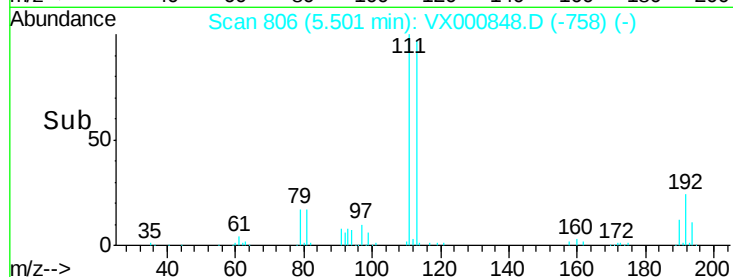
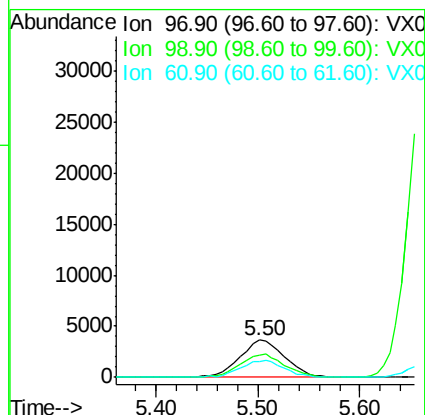
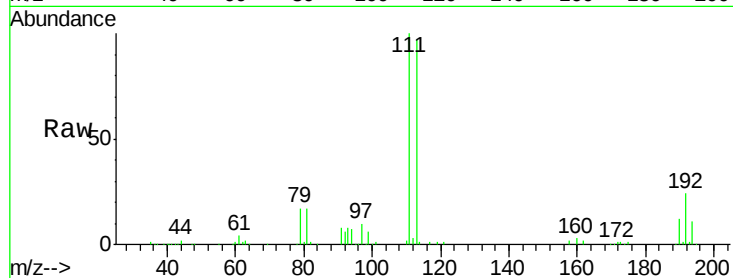
Tgt Ion: 97 Resp: 11150

Ion Ratio Lower Upper

97 100

99 62.6 51.4 77.0

61 44.8 33.7 50.5



#33

1,2-Dichloroethane-d4

Concen: 50.69 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.01 min

Lab File: VX000848.D

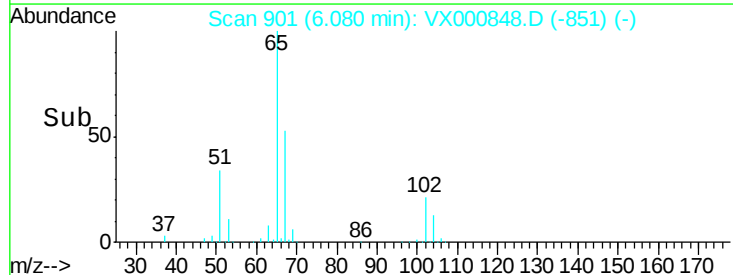
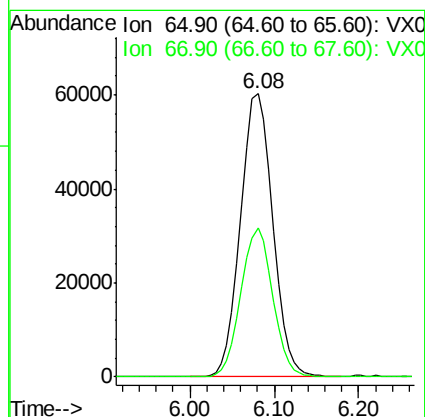
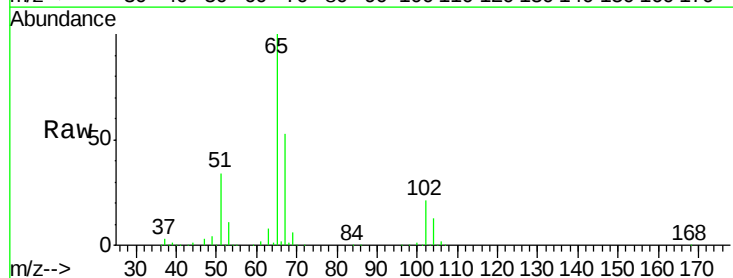
Acq: 13 Apr 2018 14:44

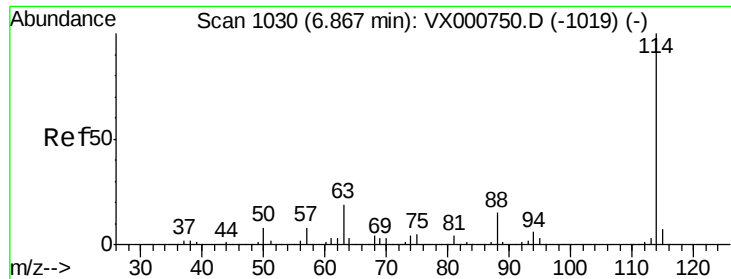
Tgt Ion: 65 Resp: 156667

Ion Ratio Lower Upper

65 100

67 51.7 0.0 103.8





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VX000848.D

Acq: 13 Apr 2018 14:44

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2018

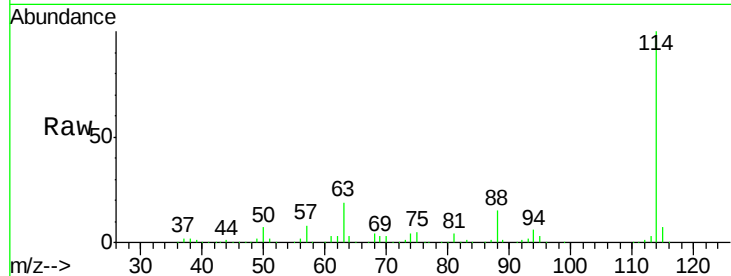
Tgt Ion:114 Resp: 336879

Ion Ratio Lower Upper

114 100

63 19.3 0.0 38.4

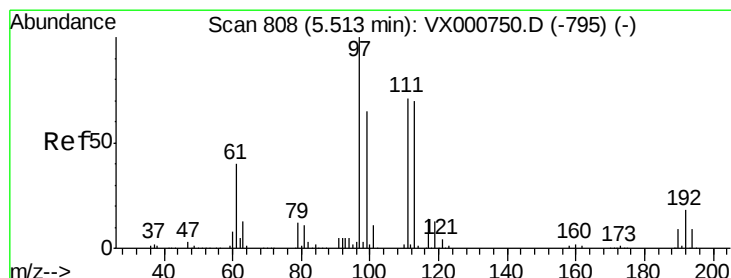
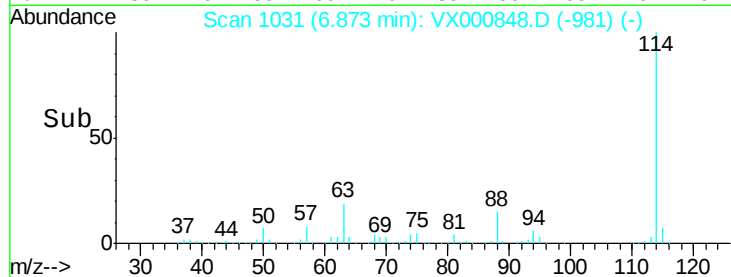
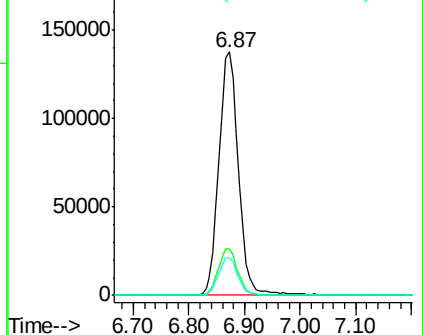
88 15.2 0.0 31.0



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: 49.46 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.00 min

Lab File: VX000848.D

Acq: 13 Apr 2018 14:44

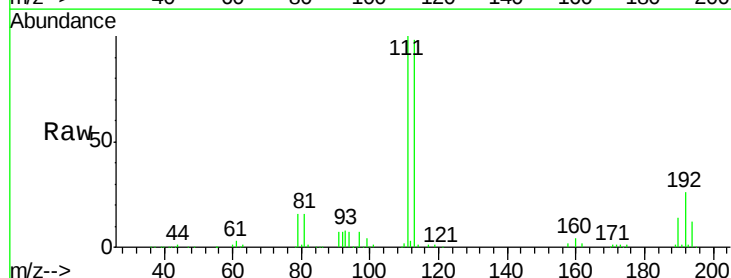
Tgt Ion:113 Resp: 128383

Ion Ratio Lower Upper

113 100

111 102.6 81.5 122.3

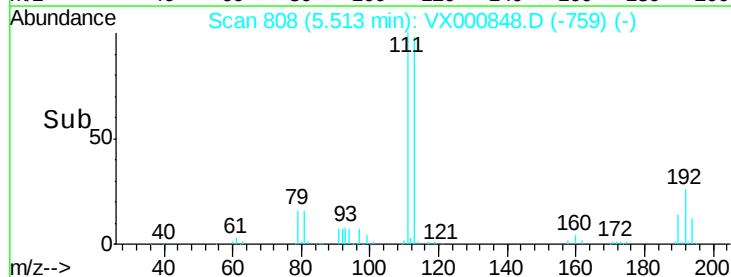
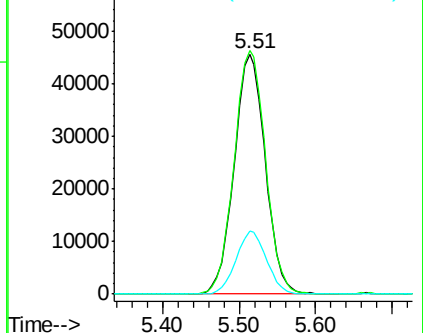
192 25.8 20.4 30.6

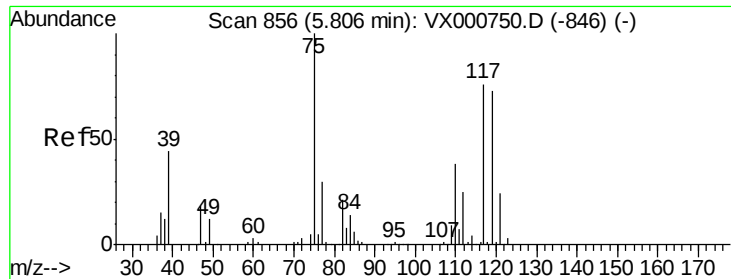


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

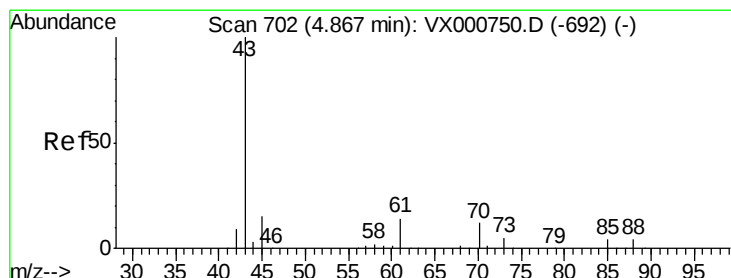
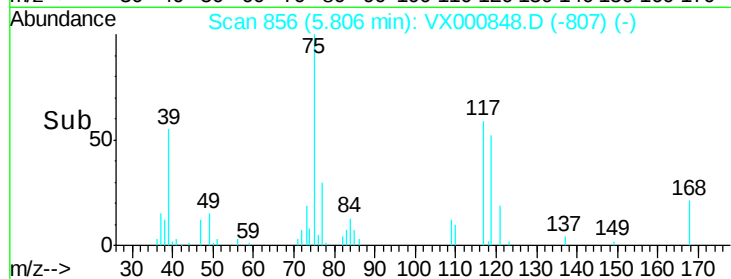
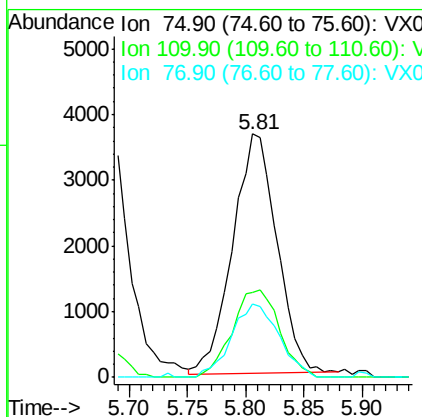
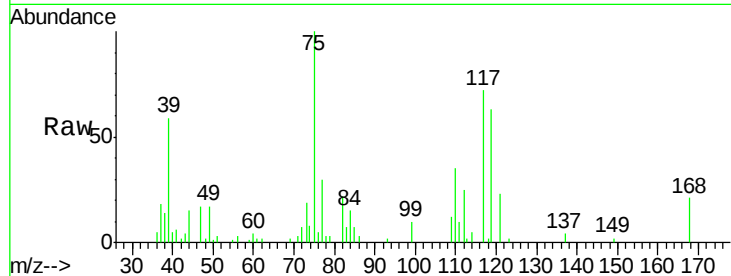




#36
 1,1-Dichloropropene
 Concen: 2.61 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. 0.00 min
 Lab File: VX000848.D
 Acq: 13 Apr 2018 14:44

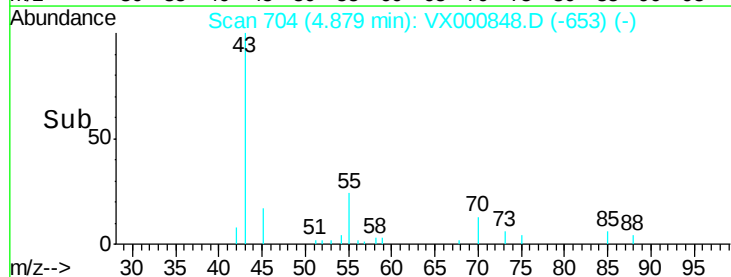
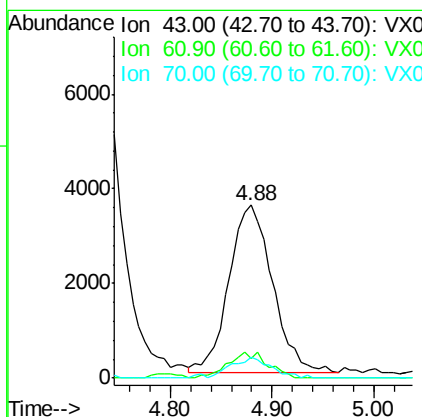
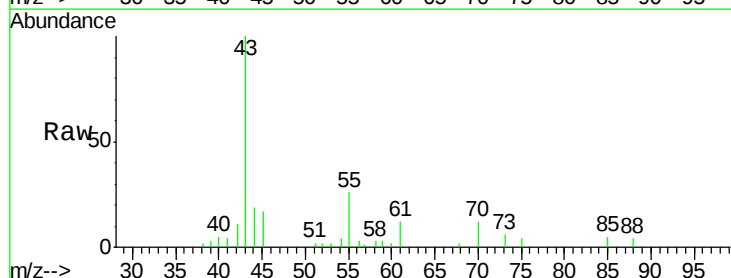
Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2018

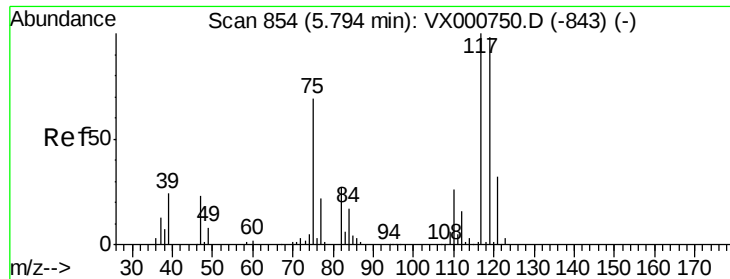
Tgt Ion: 75 Resp: 9695
 Ion Ratio Lower Upper
 75 100
 110 38.8 19.2 57.6
 77 32.8 25.4 38.2



#37
 Ethyl Acetate
 Concen: 2.88 ug/l
 RT: 4.88 min Scan# 704
 Delta R.T. 0.01 min
 Lab File: VX000848.D
 Acq: 13 Apr 2018 14:44

Tgt Ion: 43 Resp: 10420
 Ion Ratio Lower Upper
 43 100
 61 14.2 11.0 16.4
 70 11.6 8.7 13.1

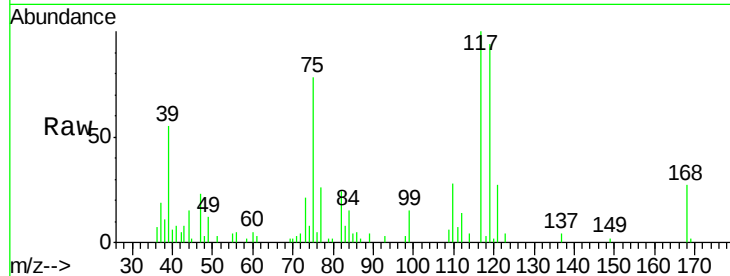




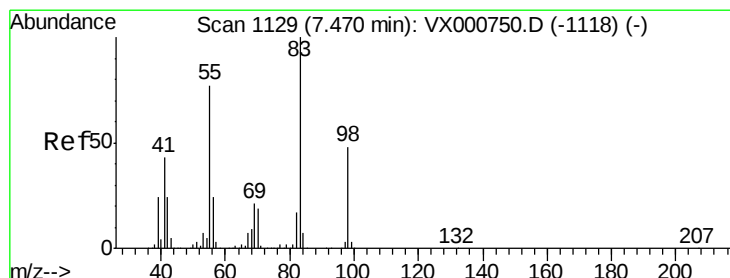
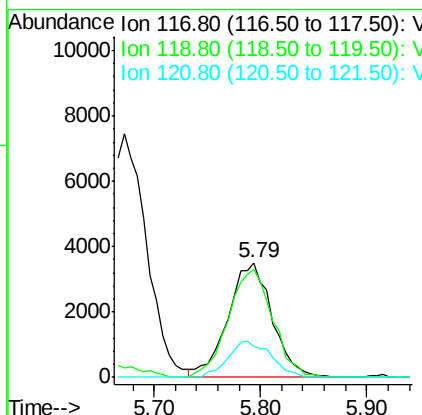
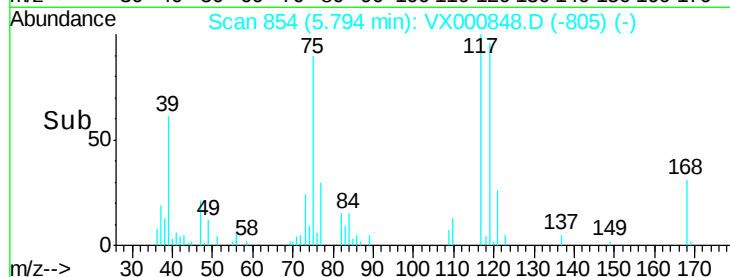
#38
Carbon Tetrachloride
Concen: 2.45 ug/l
RT: 5.79 min Scan# 854
Delta R.T. 0.00 min
Lab File: VX000848.D
Acq: 13 Apr 2018 14:44

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2018

Tgt Ion:117 Resp: 10193
Ion Ratio Lower Upper
117 100
119 93.9 78.4 117.6
121 26.7 25.4 38.0

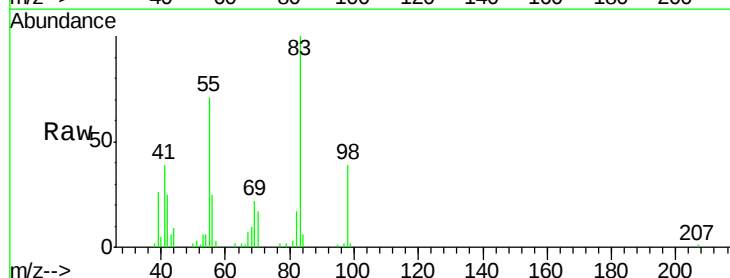


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

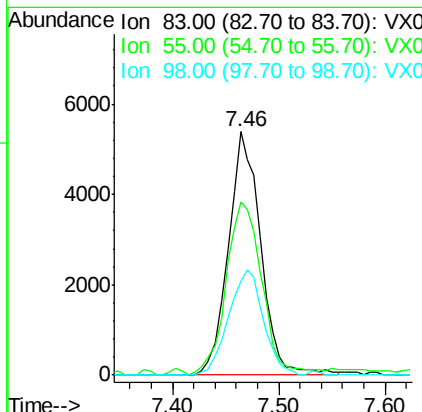
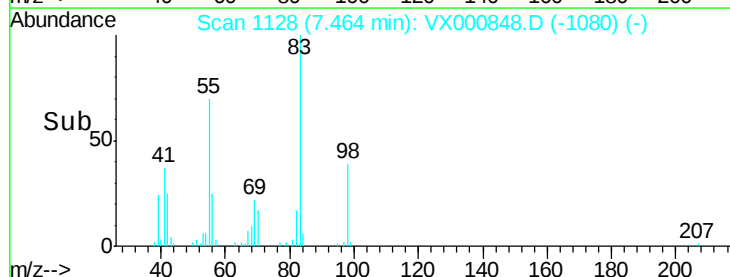


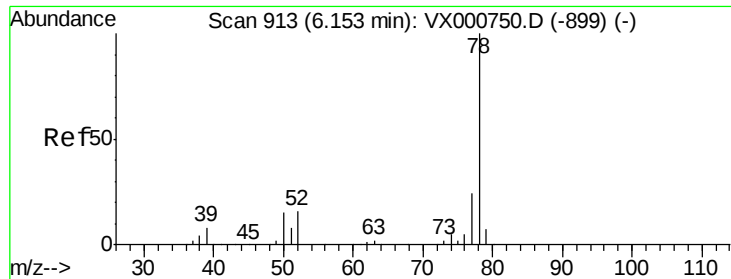
#39
Methylcyclohexane
Concen: 2.58 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.01 min
Lab File: VX000848.D
Acq: 13 Apr 2018 14:44

Tgt Ion: 83 Resp: 11488
Ion Ratio Lower Upper
83 100
55 71.3 61.5 92.3
98 38.5 38.1 57.1



Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

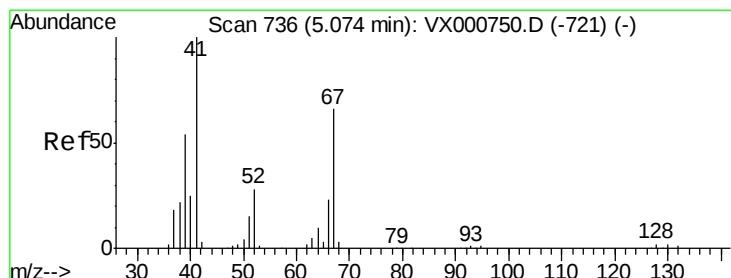
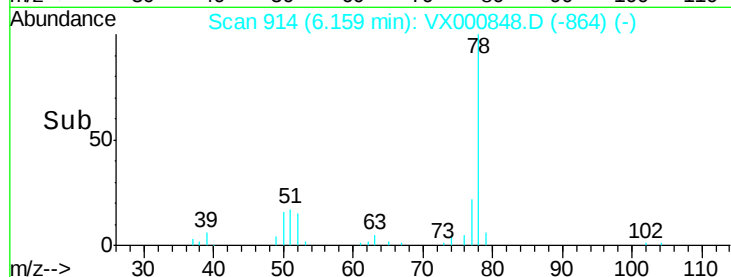
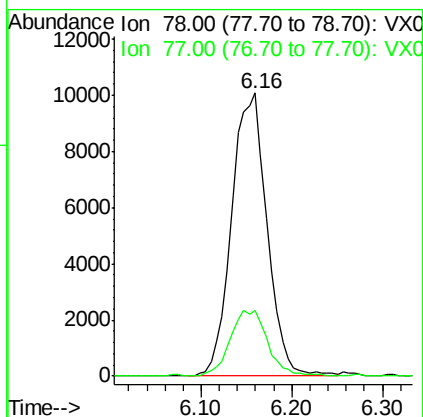
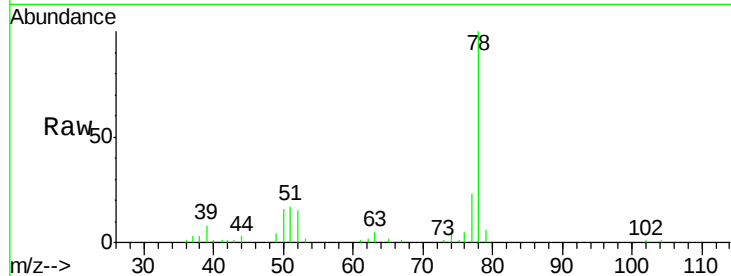




#40
Benzene
Concen: 2.65 ug/l
RT: 6.16 min Scan# 914
Delta R.T. 0.01 min
Lab File: VX000848.D
Acq: 13 Apr 2018 14:44

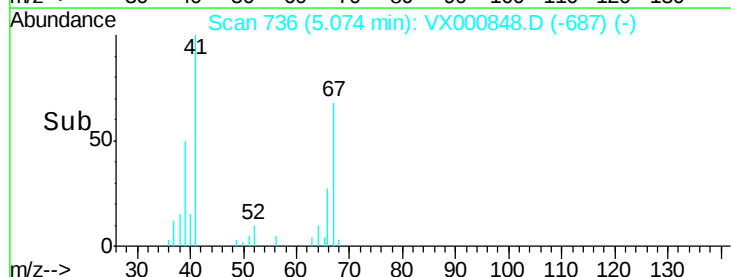
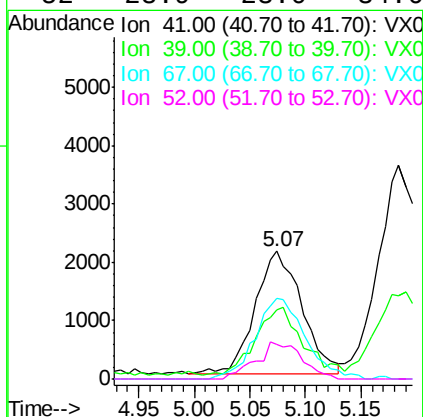
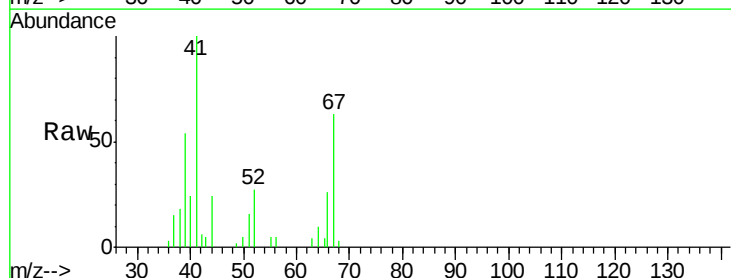
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2018

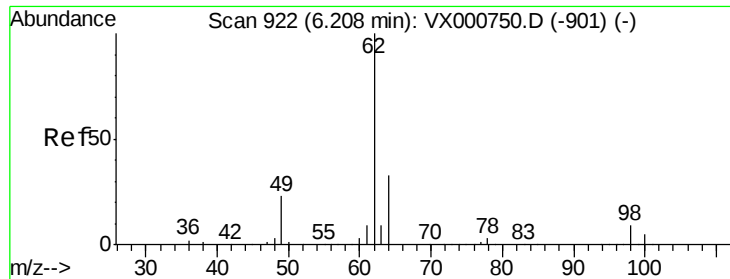
Tgt Ion: 78 Resp: 27309
Ion Ratio Lower Upper
78 100
77 23.1 19.0 28.6



#41
Methacrylonitrile
Concen: 2.97 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.00 min
Lab File: VX000848.D
Acq: 13 Apr 2018 14:44

Tgt Ion: 41 Resp: 6216
Ion Ratio Lower Upper
41 100
39 55.6 44.9 67.3
67 69.5 54.7 82.1
52 28.9 23.0 34.6

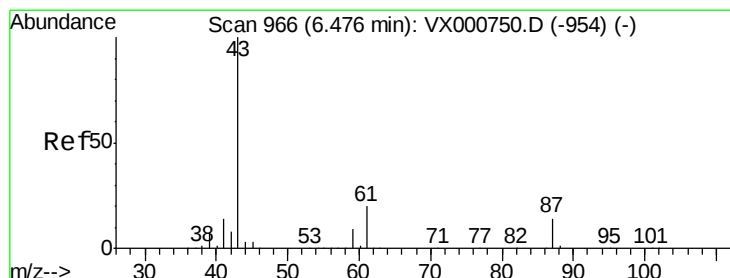
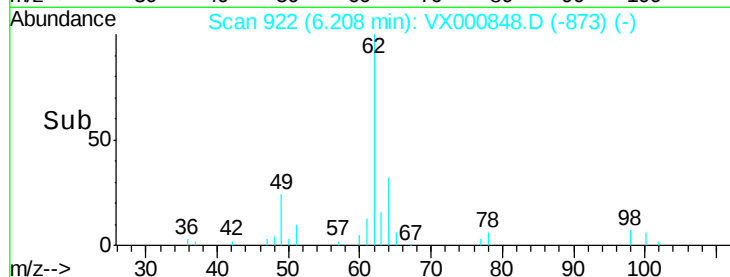
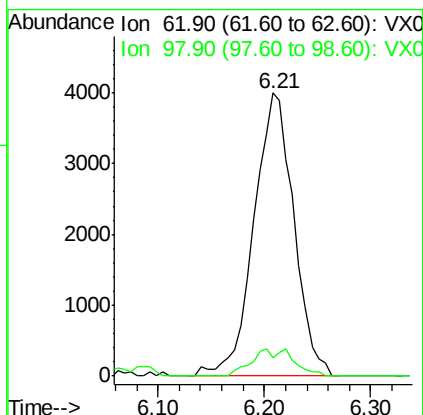
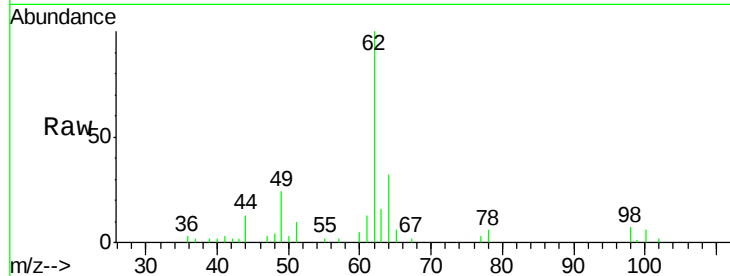




#42
 1,2-Dichloroethane
 Concen: 2.72 ug/l
 RT: 6.21 min Scan# 922
 Delta R.T. 0.00 min
 Lab File: VX000848.D
 Acq: 13 Apr 2018 14:44

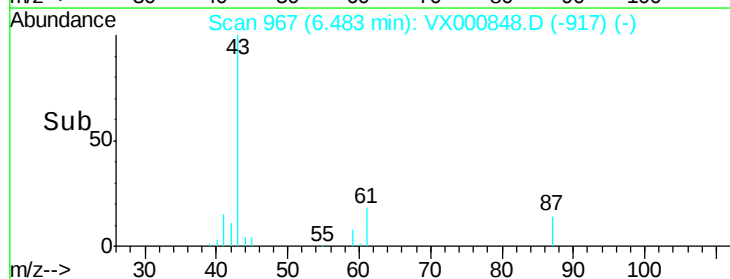
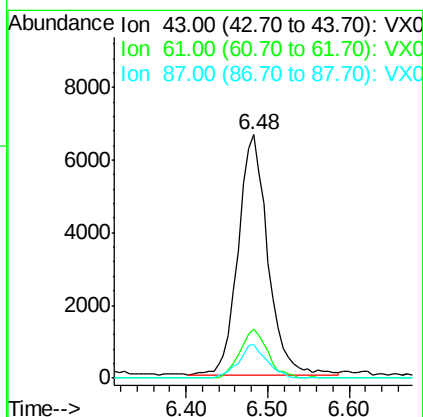
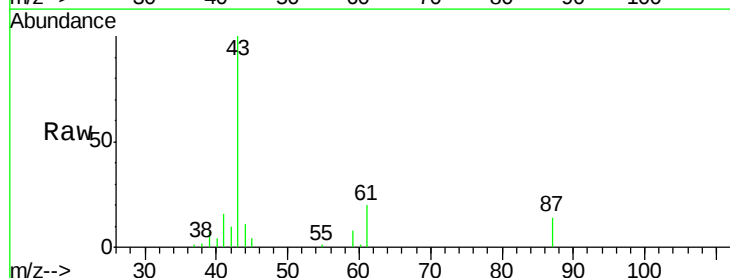
Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2018

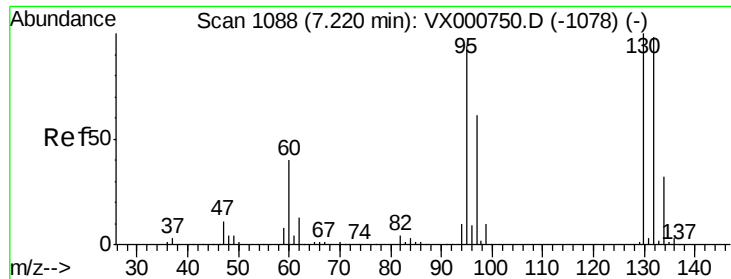
Tgt Ion: 62 Resp: 10484
 Ion Ratio Lower Upper
 62 100
 98 5.4 0.0 18.6



#43
 Isopropyl Acetate
 Concen: 2.67 ug/l
 RT: 6.48 min Scan# 967
 Delta R.T. 0.01 min
 Lab File: VX000848.D
 Acq: 13 Apr 2018 14:44

Tgt Ion: 43 Resp: 16559
 Ion Ratio Lower Upper
 43 100
 61 19.1 15.6 23.4
 87 13.1 10.7 16.1





#44

Trichloroethene

Concen: 2.65 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.00 min

Lab File: VX000848.D

Acq: 13 Apr 2018 14:44

Instrument :

MSVOA_X

ClientSampleId :

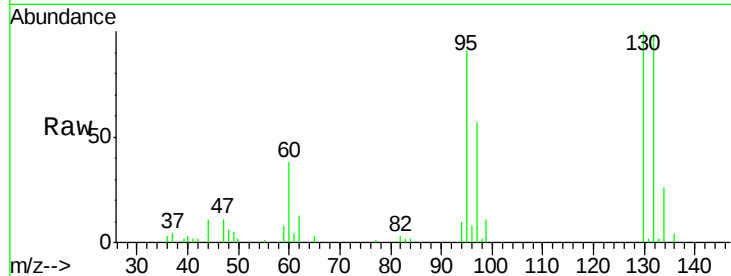
LOD-MDL-WATER-01-QT2-2018

Tgt Ion:130 Resp: 8489

Ion Ratio Lower Upper

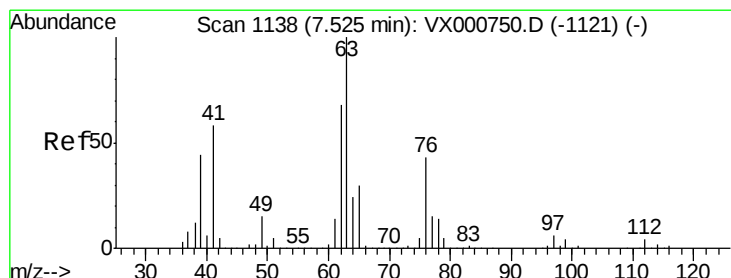
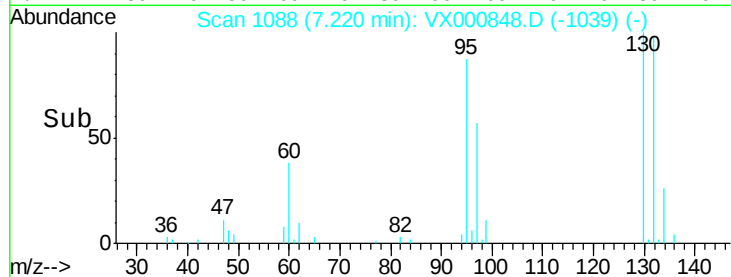
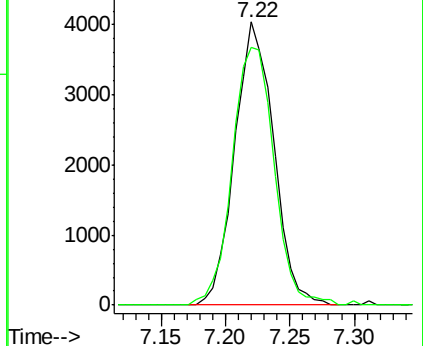
130 100

95 91.0 0.0 187.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#45

1,2-Dichloropropane

Concen: 2.61 ug/l

RT: 7.53 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VX000848.D

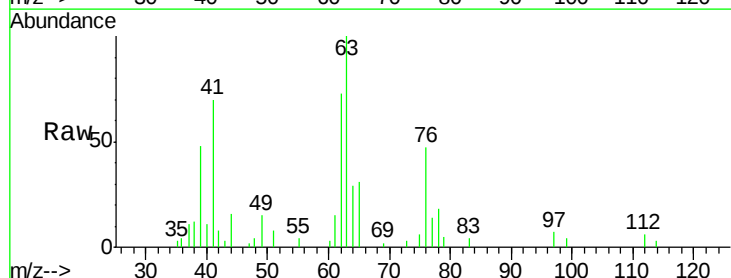
Acq: 13 Apr 2018 14:44

Tgt Ion: 63 Resp: 6850

Ion Ratio Lower Upper

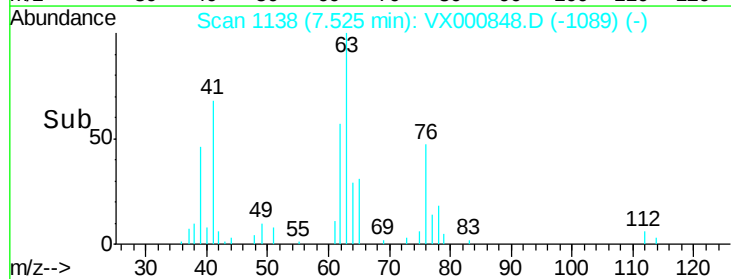
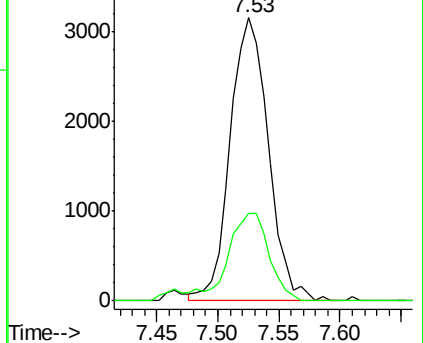
63 100

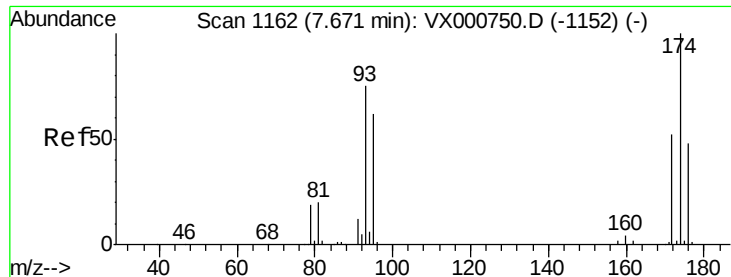
65 30.7 23.7 35.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

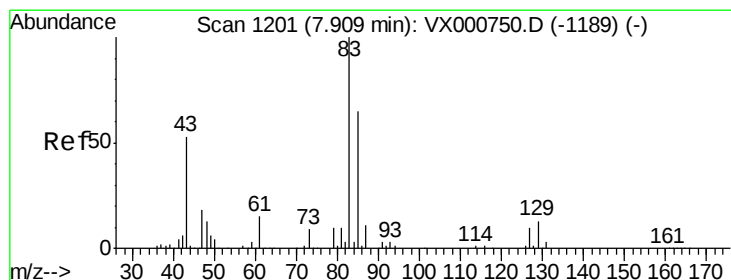
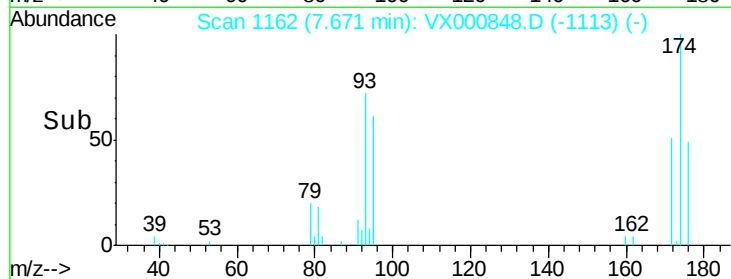
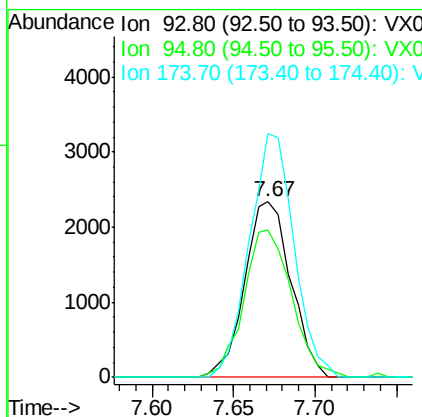
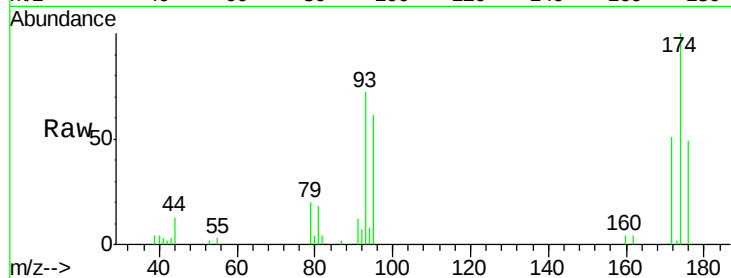




#46
Dibromomethane
Concen: 2.52 ug/l
RT: 7.67 min Scan# 1162
Delta R.T. 0.00 min
Lab File: VX000848.D
Acq: 13 Apr 2018 14:44

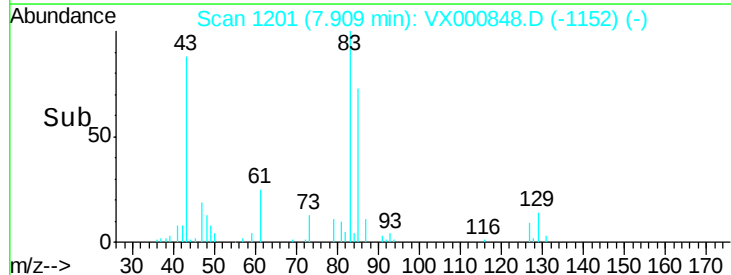
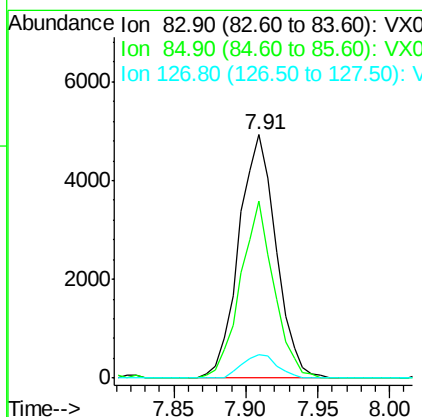
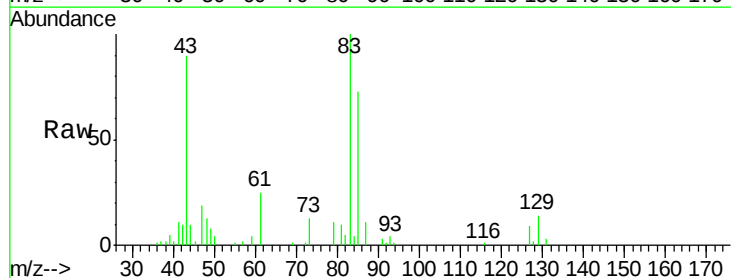
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2018

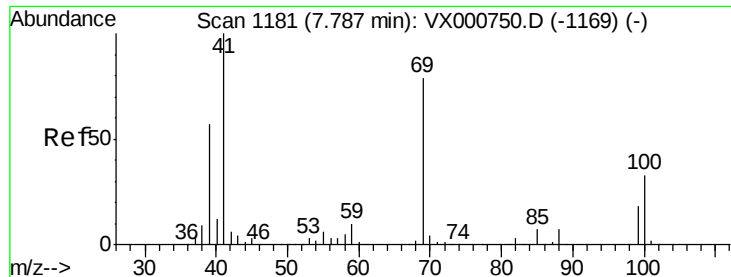
Tgt Ion: 93 Resp: 4614
Ion Ratio Lower Upper
93 100
95 87.0 66.6 100.0
174 133.4 104.5 156.7



#47
Bromodichloromethane
Concen: 2.39 ug/l
RT: 7.91 min Scan# 1201
Delta R.T. 0.00 min
Lab File: VX000848.D
Acq: 13 Apr 2018 14:44

Tgt Ion: 83 Resp: 8826
Ion Ratio Lower Upper
83 100
85 72.6 52.2 78.4
127 9.5 7.8 11.8

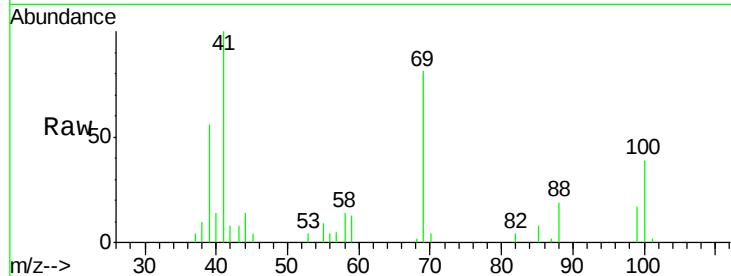




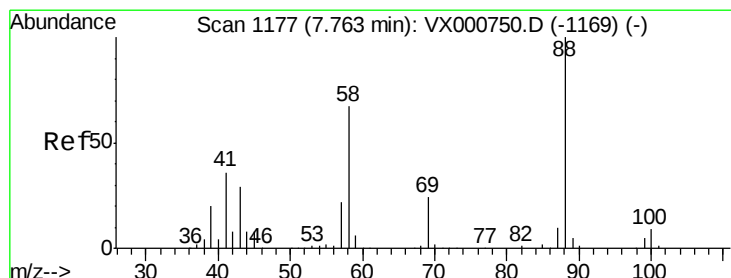
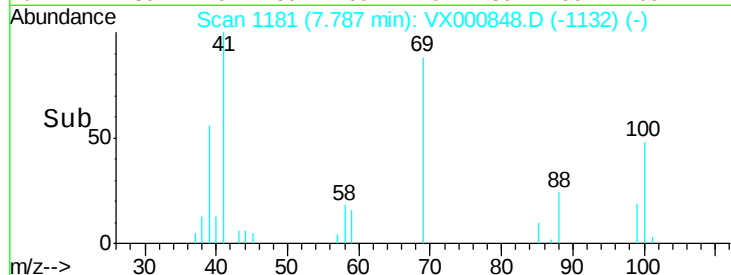
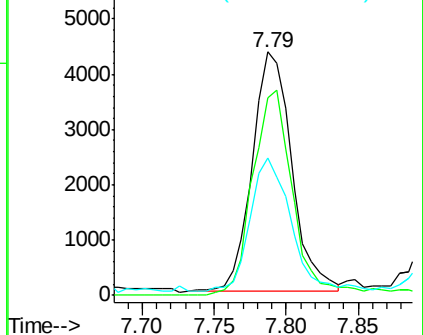
#48
Methyl methacrylate
Concen: 2.55 ug/l
RT: 7.79 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VX000848.D
Acq: 13 Apr 2018 14:44

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2018

Tgt Ion: 41 Resp: 8217
Ion Ratio Lower Upper
41 100
69 86.6 63.9 95.9
39 58.0 45.9 68.9

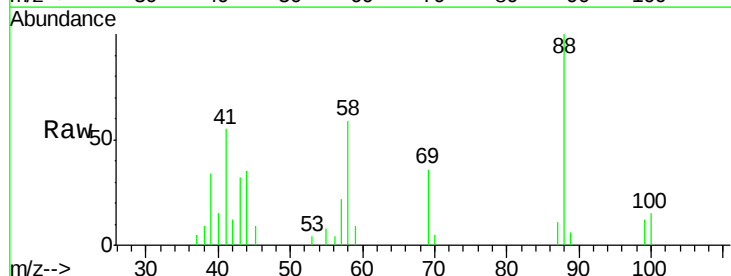


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

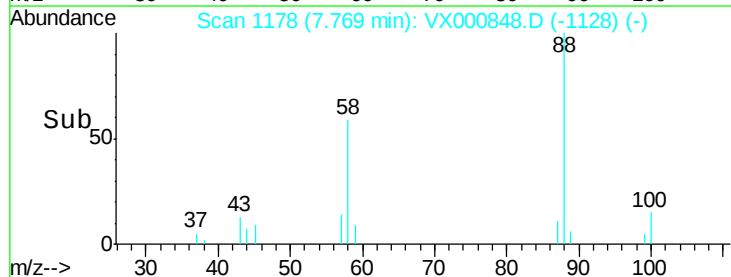
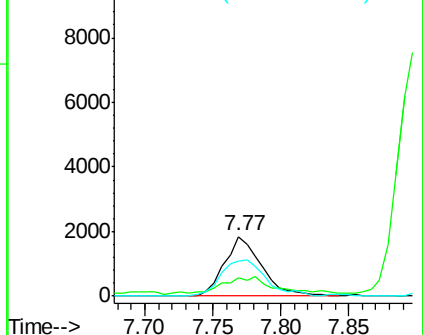


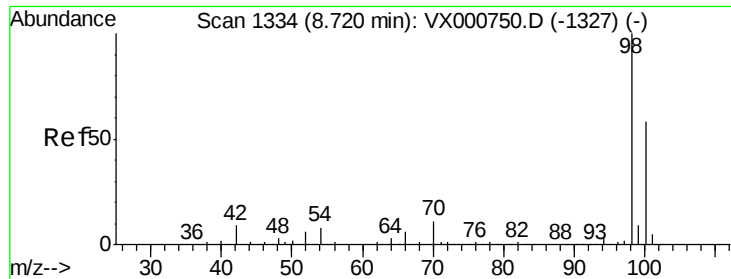
#49
1,4-Dioxane
Concen: 53.68 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. 0.01 min
Lab File: VX000848.D
Acq: 13 Apr 2018 14:44

Tgt Ion: 88 Resp: 3472
Ion Ratio Lower Upper
88 100
43 36.4 25.8 38.8
58 72.4 54.4 81.6



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





#50

Toluene-d8

Concen: 49.20 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX000848.D

Acq: 13 Apr 2018 14:44

Instrument :

MSVOA_X

ClientSampleId :

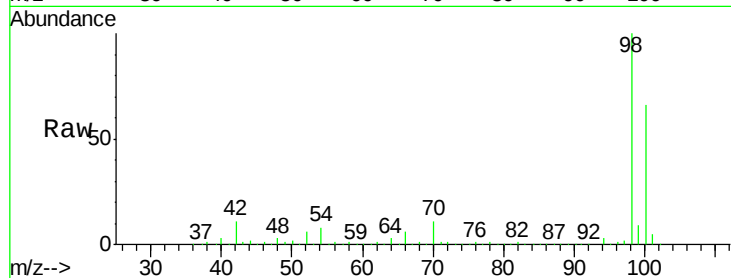
LOD-MDL-WATER-01-QT2-2018

Tgt Ion: 98 Resp: 475465

Ion Ratio Lower Upper

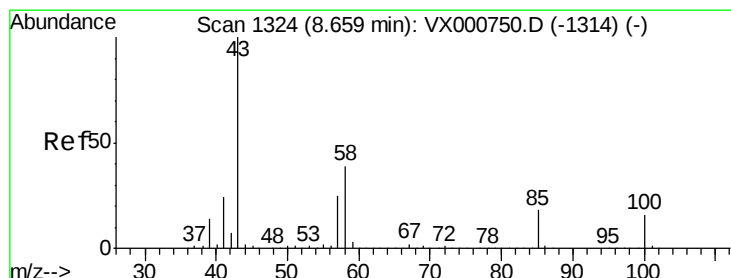
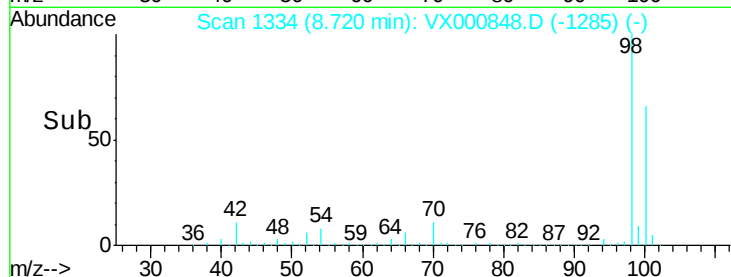
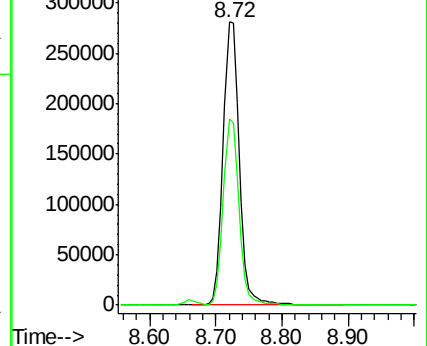
98 100

100 64.6 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#51

4-Methyl-2-Pentanone

Concen: 13.47 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX000848.D

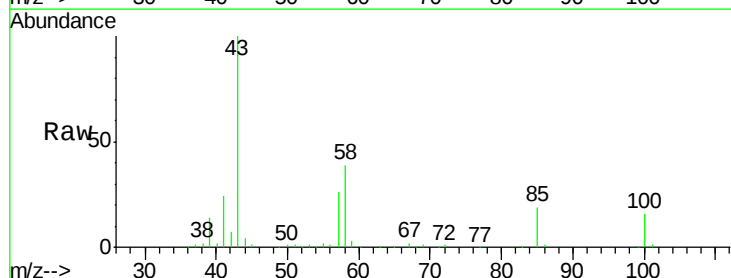
Acq: 13 Apr 2018 14:44

Tgt Ion: 43 Resp: 49117

Ion Ratio Lower Upper

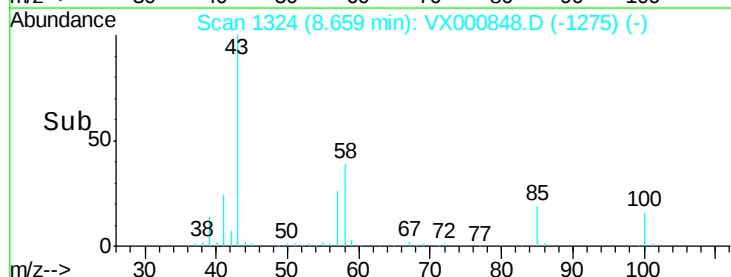
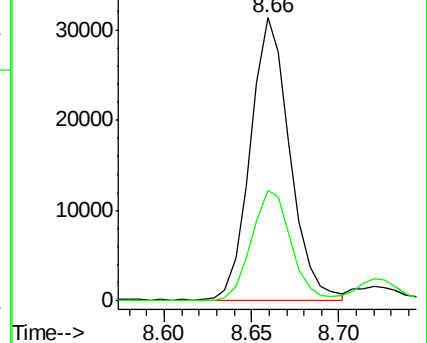
43 100

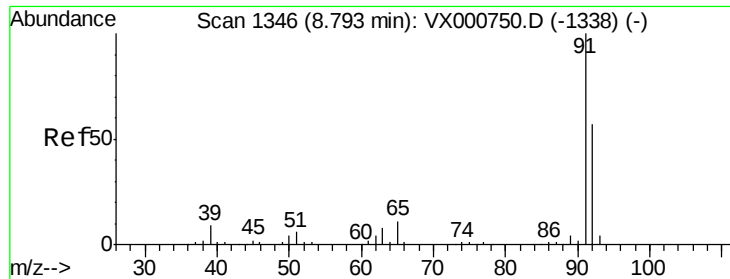
58 39.4 30.3 45.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#52

Toluene

Concen: 2.58 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VX000848.D

Acq: 13 Apr 2018 14:44

Instrument :

MSVOA_X

ClientSampleId :

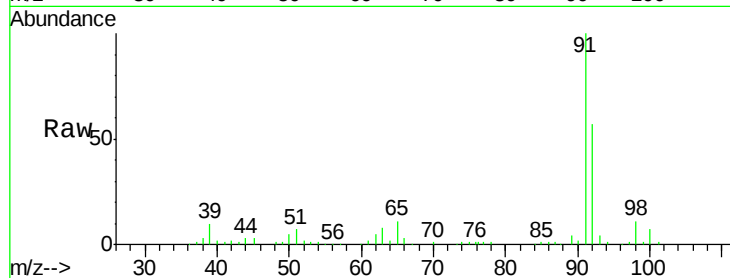
LOD-MDL-WATER-01-QT2-2018

Tgt Ion: 92 Resp: 17647

Ion Ratio Lower Upper

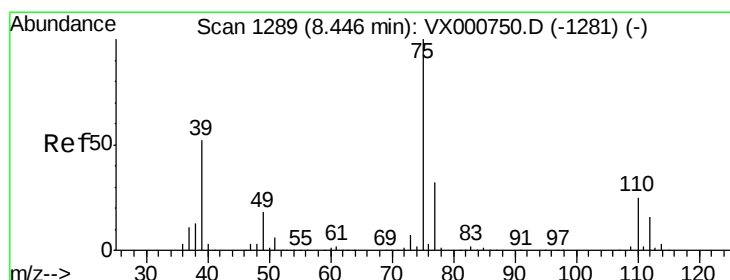
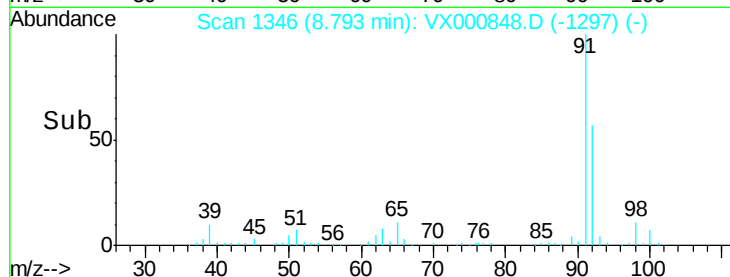
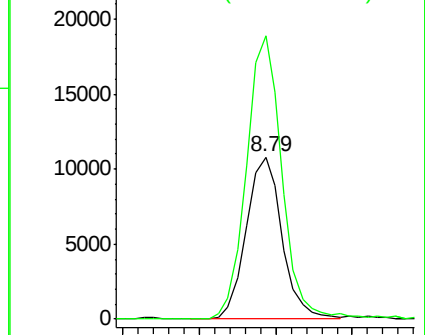
92 100

91 173.7 139.0 208.4



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: 2.28 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. 0.00 min

Lab File: VX000848.D

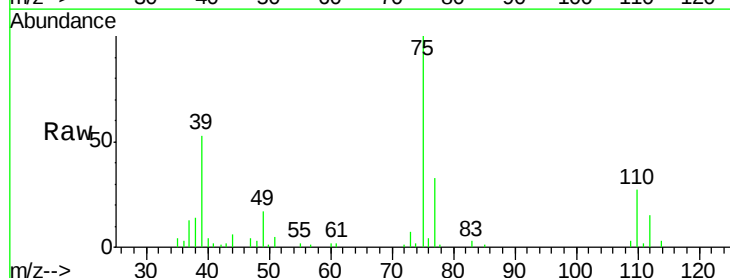
Acq: 13 Apr 2018 14:44

Tgt Ion: 75 Resp: 10121

Ion Ratio Lower Upper

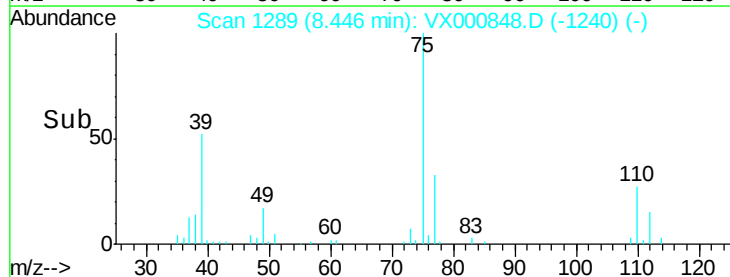
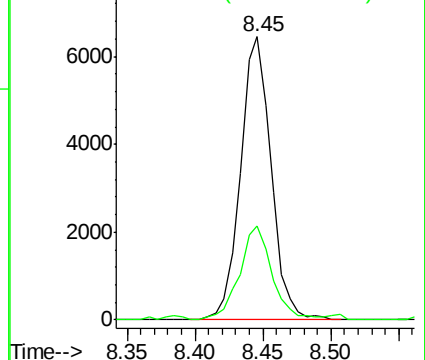
75 100

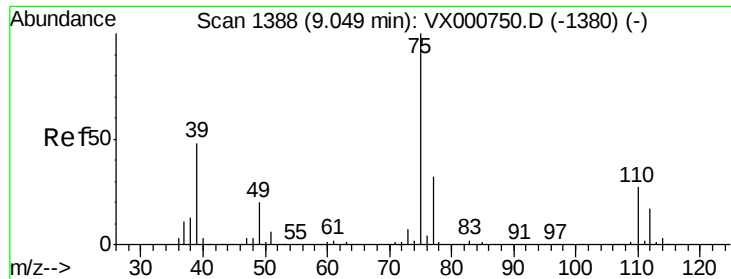
77 33.3 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



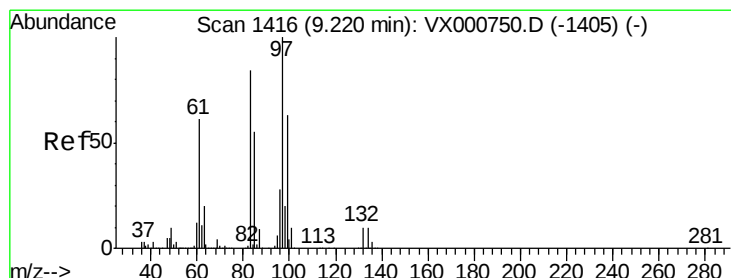
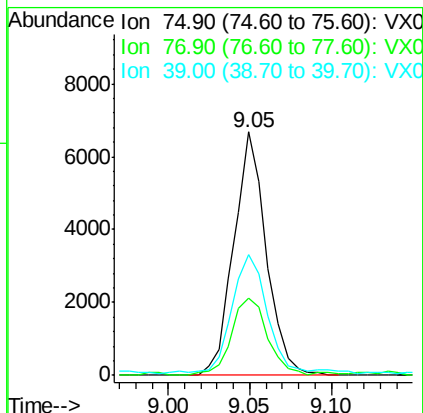
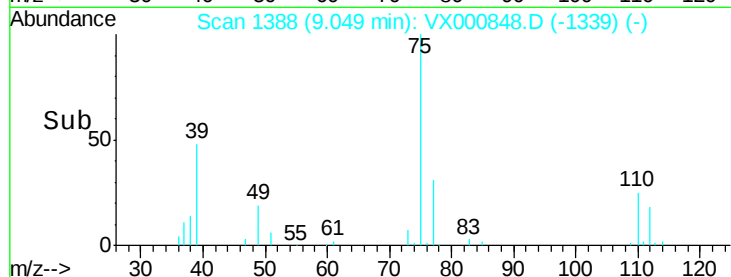
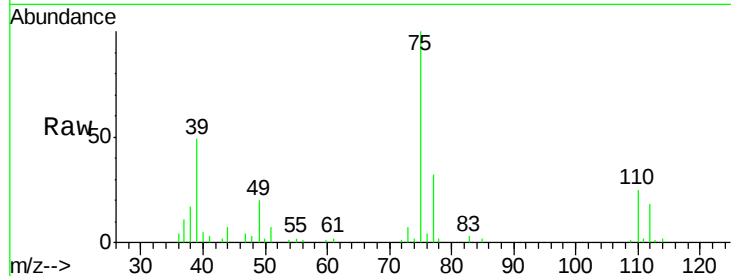


#54

cis-1,3-Dichloropropene
Concen: 2.14 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. 0.00 min
Lab File: VX000848.D
Acq: 13 Apr 2018 14:44

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2018

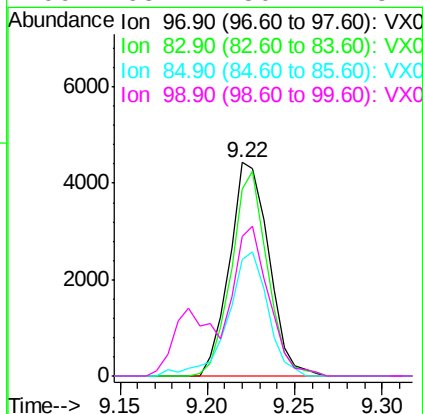
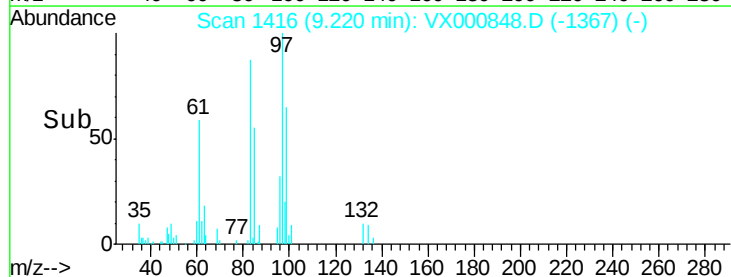
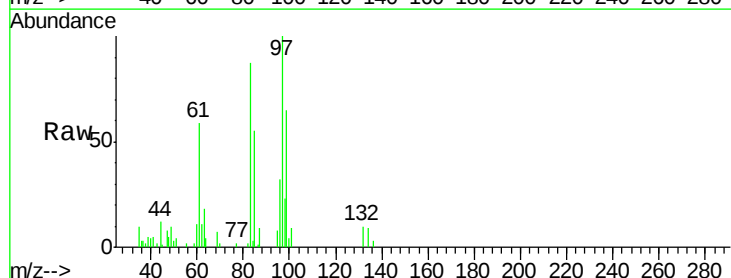
Tgt Ion: 75 Resp: 9245
Ion Ratio Lower Upper
75 100
77 31.6 25.4 38.2
39 47.9 38.6 58.0

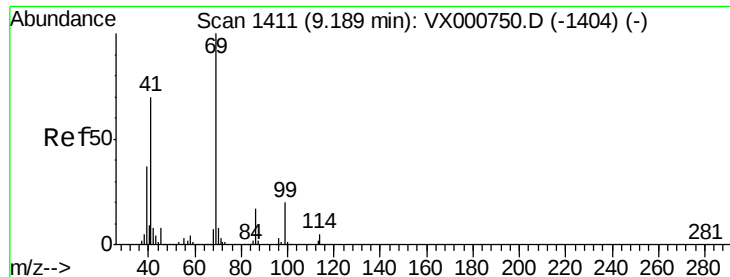


#55

1,1,2-Trichloroethane
Concen: 2.56 ug/l
RT: 9.22 min Scan# 1416
Delta R.T. 0.00 min
Lab File: VX000848.D
Acq: 13 Apr 2018 14:44

Tgt Ion: 97 Resp: 6961
Ion Ratio Lower Upper
97 100
83 87.3 67.6 101.4
85 54.8 43.8 65.6
99 65.1 50.2 75.4





#56

Ethyl methacrylate

Concen: 2.47 ug/l

RT: 9.19 min Scan# 1411

Delta R.T. 0.00 min

Lab File: VX000848.D

Acq: 13 Apr 2018 14:44

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2018

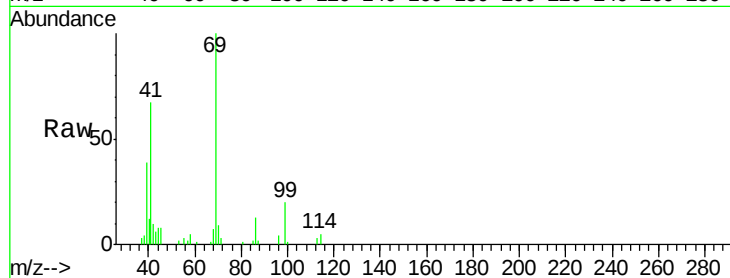
Tgt Ion: 69 Resp: 10339

Ion Ratio Lower Upper

69 100

41 70.6 55.6 83.4

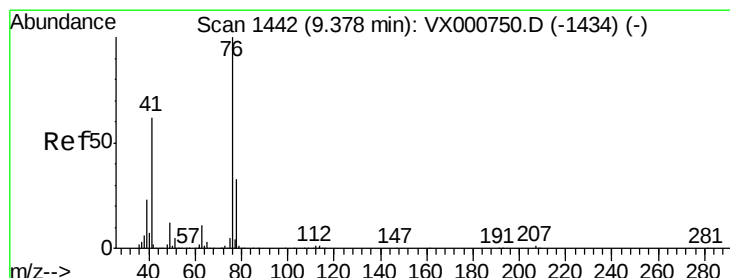
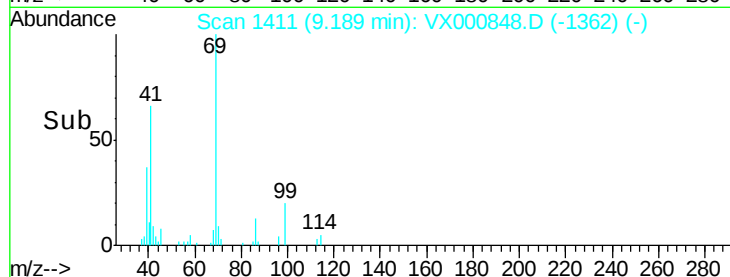
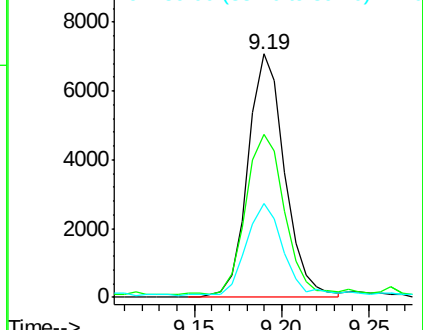
39 38.6 30.3 45.5



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#57

1,3-Dichloropropane

Concen: 2.70 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX000848.D

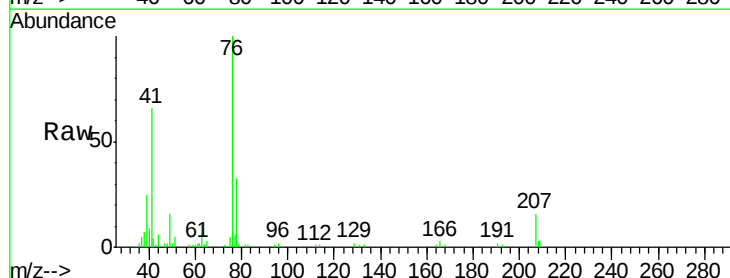
Acq: 13 Apr 2018 14:44

Tgt Ion: 76 Resp: 11672

Ion Ratio Lower Upper

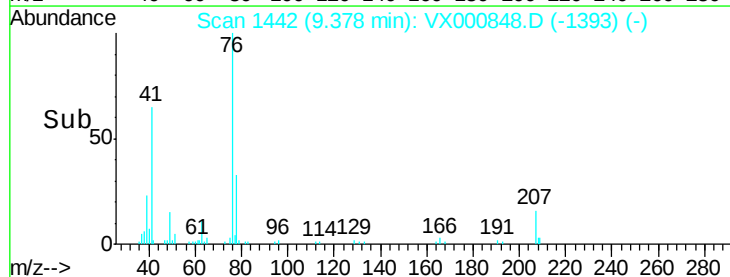
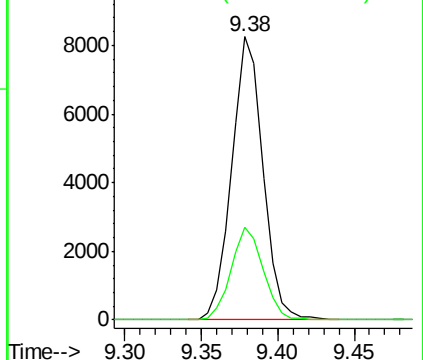
76 100

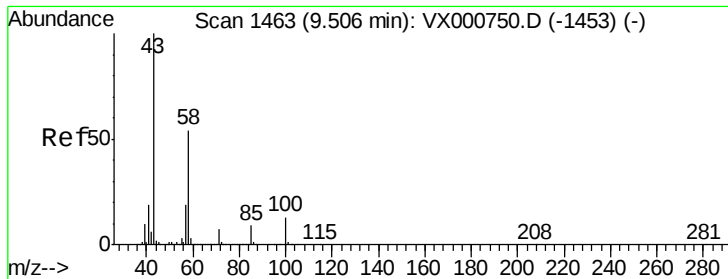
78 33.6 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

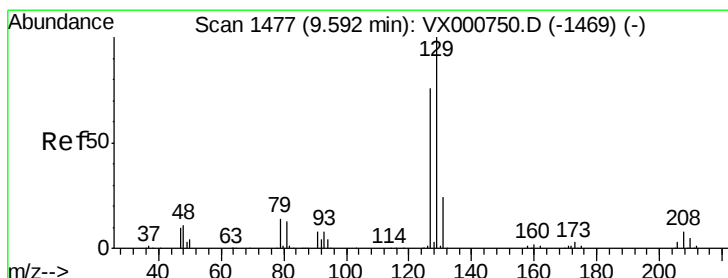
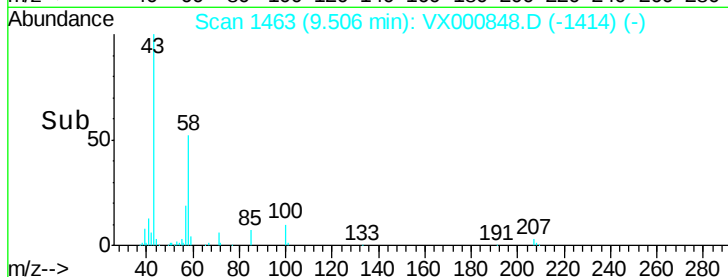
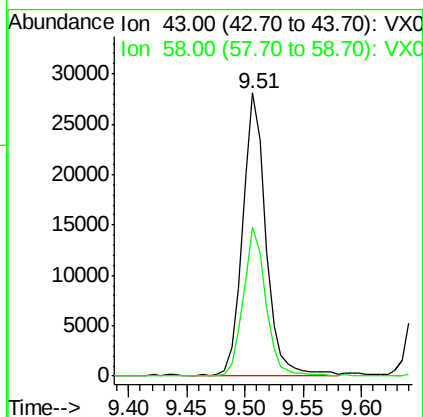
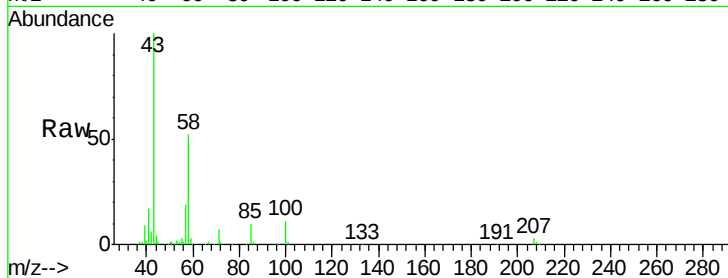




#59
2-Hexanone
Concen: 13.80 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX000848.D
Acq: 13 Apr 2018 14:44

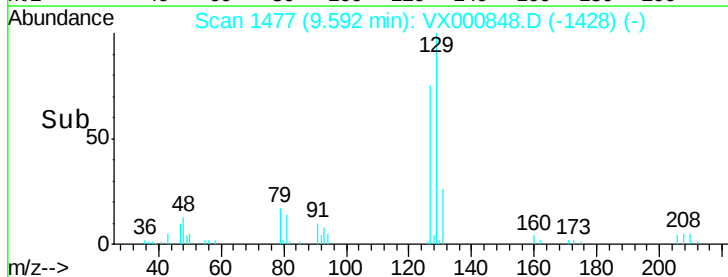
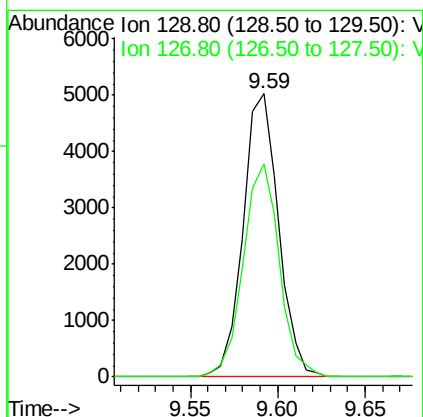
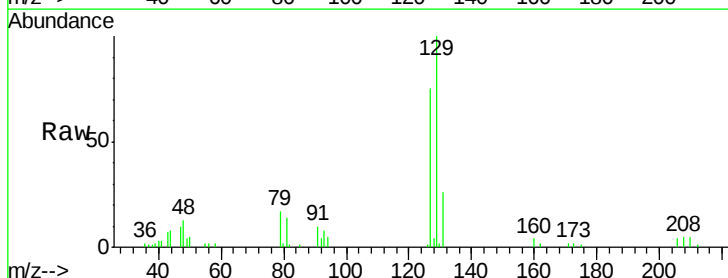
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2018

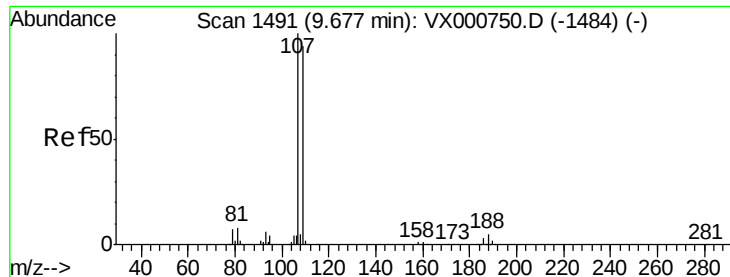
Tgt Ion: 43 Resp: 38871
Ion Ratio Lower Upper
43 100
58 51.7 26.5 79.5



#60
Dibromochloromethane
Concen: 2.18 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX000848.D
Acq: 13 Apr 2018 14:44

Tgt Ion: 129 Resp: 7078
Ion Ratio Lower Upper
129 100
127 76.5 38.4 115.1

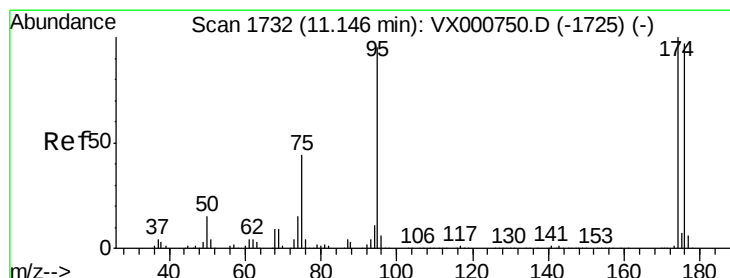
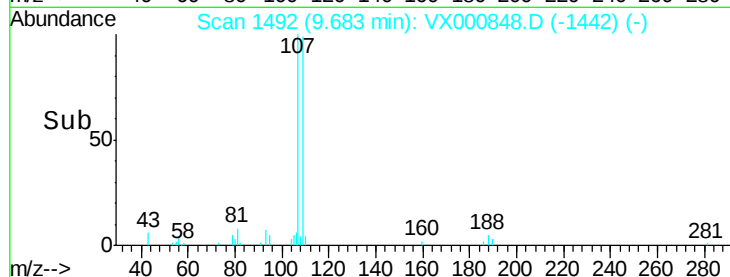
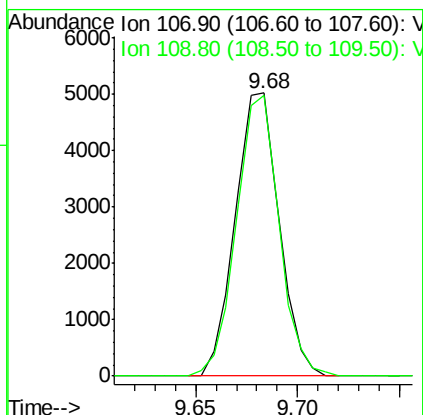
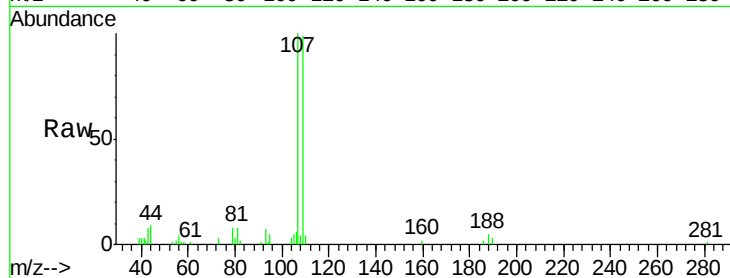




#61
 1,2-Dibromoethane
 Concen: 2.61 ug/l
 RT: 9.68 min Scan# 1492
 Delta R.T. 0.01 min
 Lab File: VX000848.D
 Acq: 13 Apr 2018 14:44

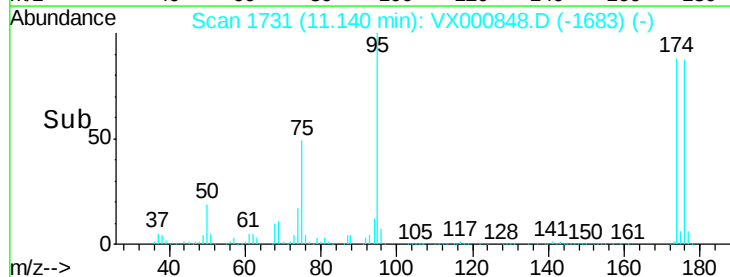
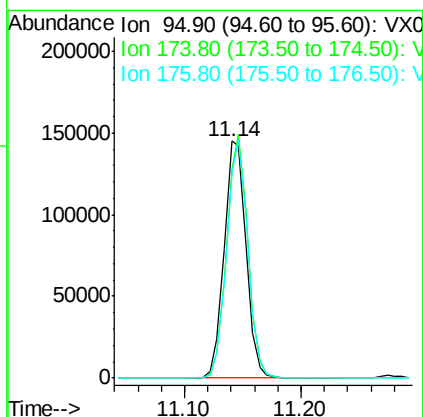
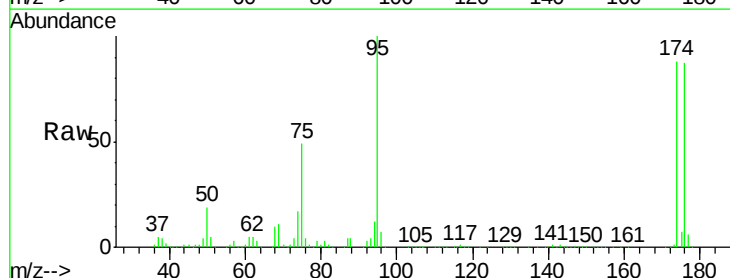
Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2018

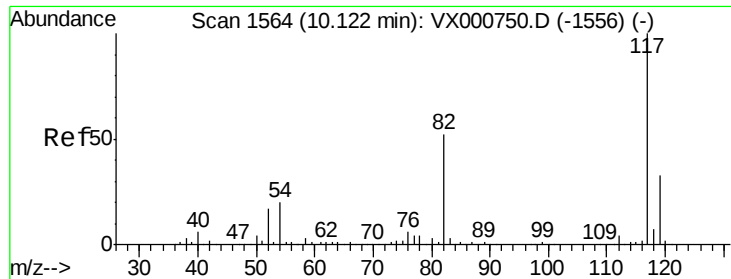
Tgt Ion: 107 Resp: 7512
 Ion Ratio Lower Upper
 107 100
 109 96.3 76.2 114.4



#62
 4-Bromofluorobenzene
 Concen: 47.27 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. -0.01 min
 Lab File: VX000848.D
 Acq: 13 Apr 2018 14:44

Tgt Ion: 95 Resp: 188996
 Ion Ratio Lower Upper
 95 100
 174 99.2 0.0 198.4
 176 96.7 0.0 194.4

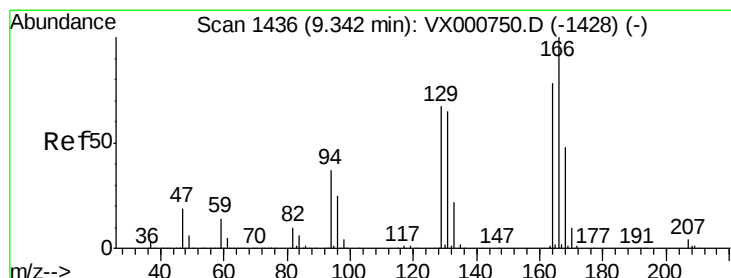
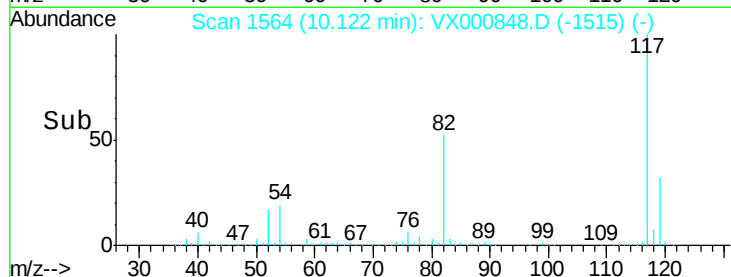
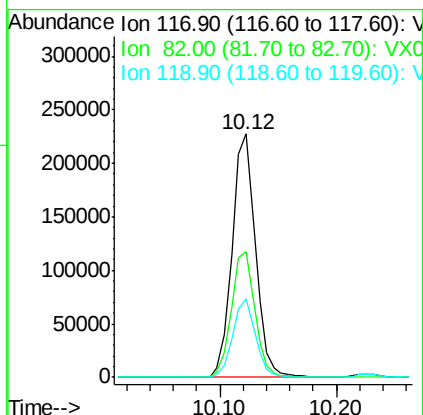
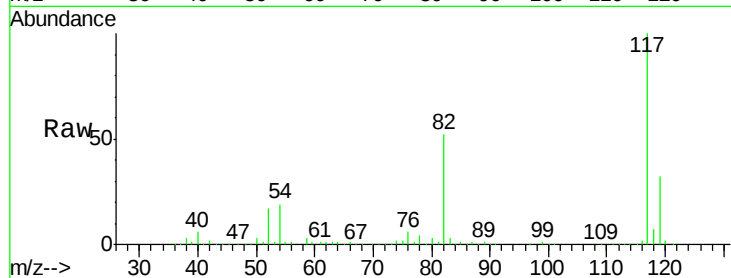




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000848.D
Acq: 13 Apr 2018 14:44

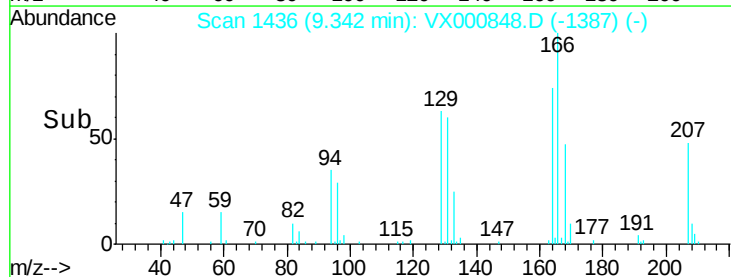
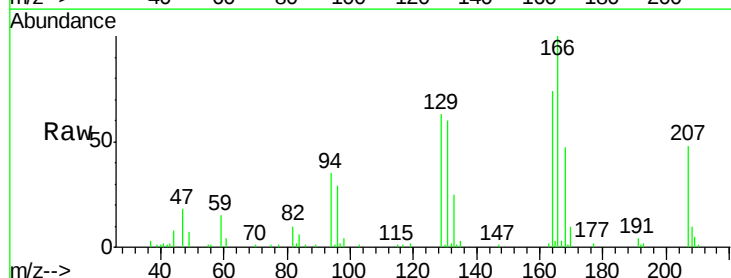
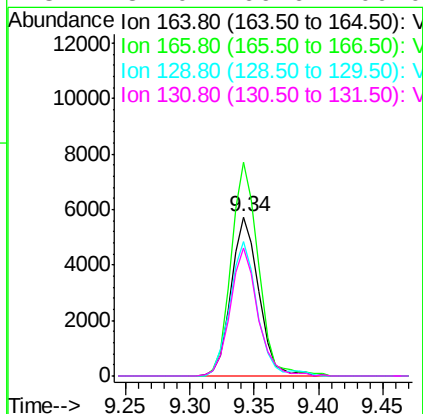
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2018

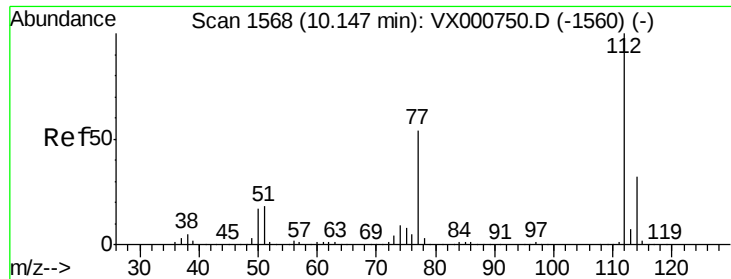
Tgt Ion:117 Resp: 318646
Ion Ratio Lower Upper
117 100
82 51.6 41.9 62.9
119 32.4 26.0 39.0



#64
Tetrachloroethene
Concen: 2.77 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX000848.D
Acq: 13 Apr 2018 14:44

Tgt Ion:164 Resp: 8634
Ion Ratio Lower Upper
164 100
166 134.5 102.8 154.2
129 84.9 68.5 102.7
131 81.0 66.6 100.0

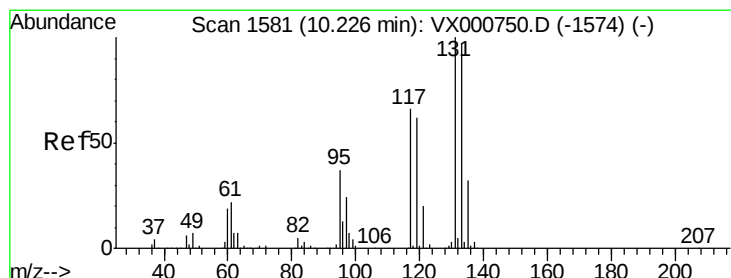
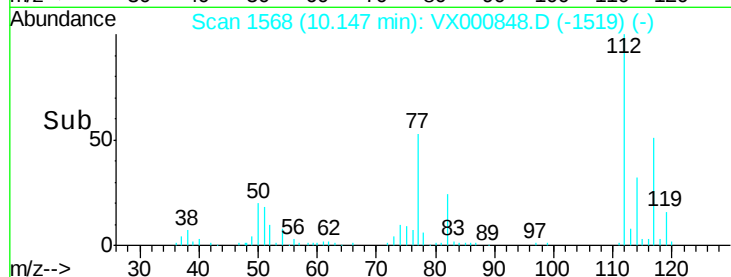
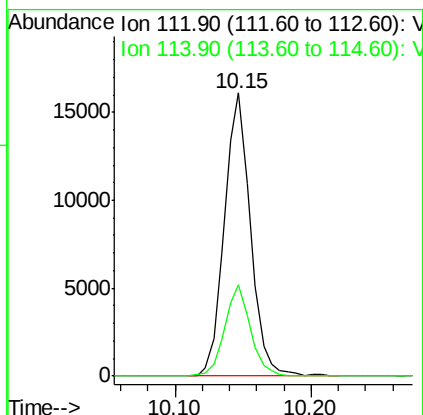
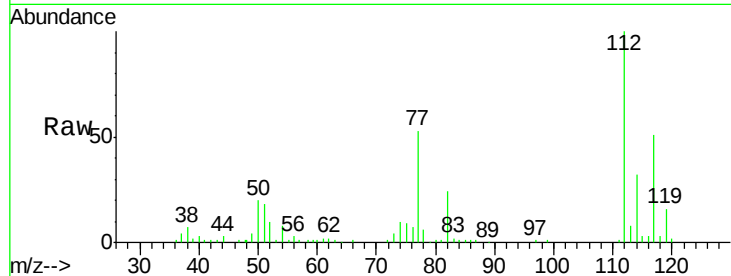




#65
Chlorobenzene
Concen: 2.66 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX000848.D
Acq: 13 Apr 2018 14:44

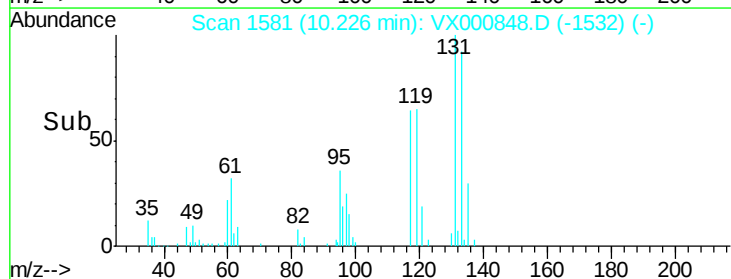
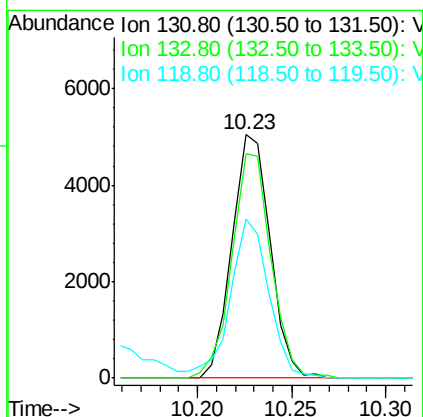
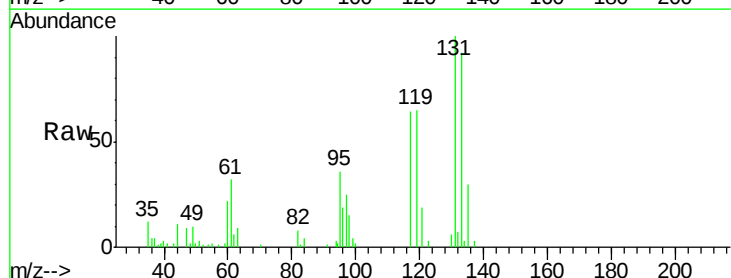
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2018

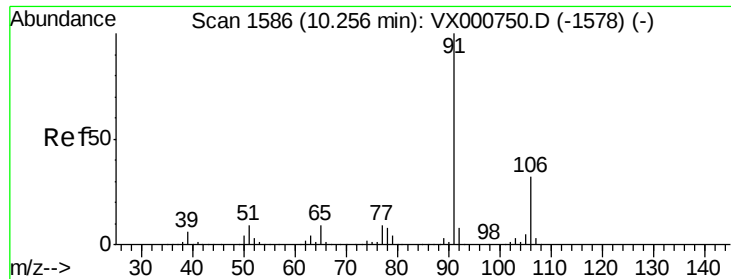
Tgt Ion:112 Resp: 21357
Ion Ratio Lower Upper
112 100
114 32.4 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 2.35 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX000848.D
Acq: 13 Apr 2018 14:44

Tgt Ion:131 Resp: 7102
Ion Ratio Lower Upper
131 100
133 94.9 48.3 144.9
119 65.6 31.4 94.0





#67

Ethyl Benzene

Concen: 2.58 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX000848.D

Acq: 13 Apr 2018 14:44

Instrument :

MSVOA_X

ClientSampleId :

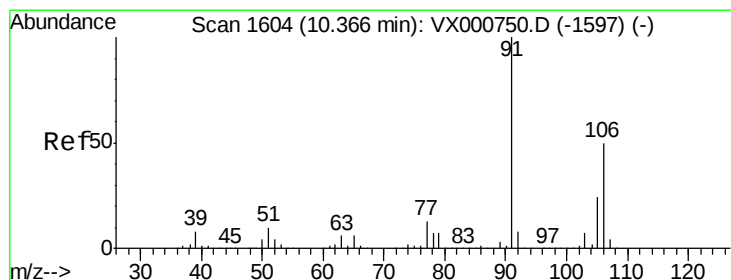
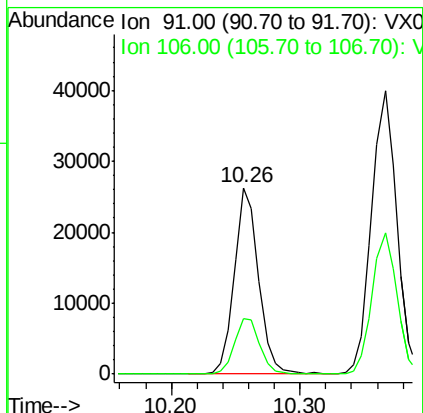
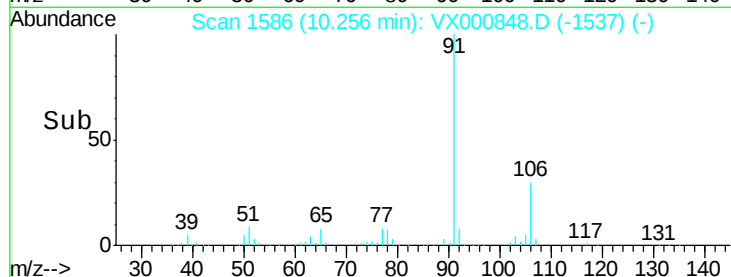
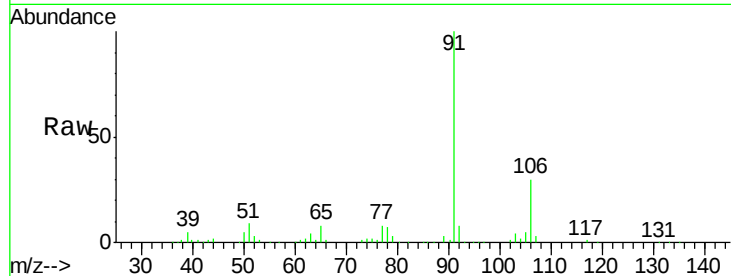
LOD-MDL-WATER-01-QT2-2018

Tgt Ion: 91 Resp: 34532

Ion Ratio Lower Upper

91 100

106 29.8 25.4 38.0



#68

m/p-Xylenes

Concen: 5.08 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VX000848.D

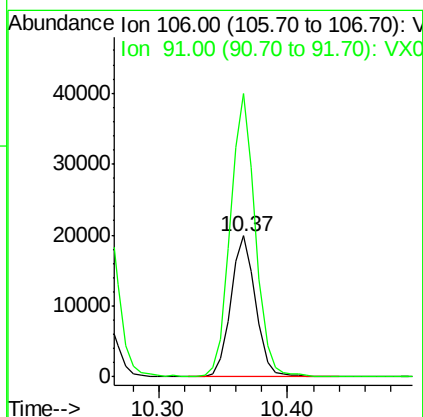
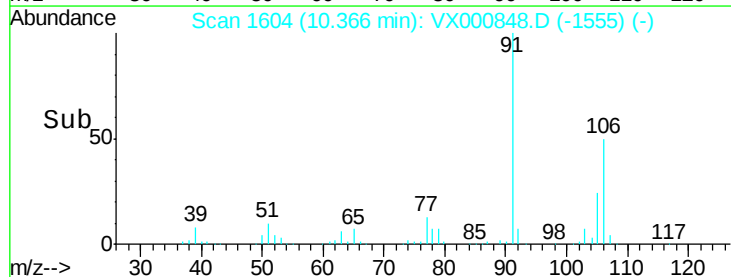
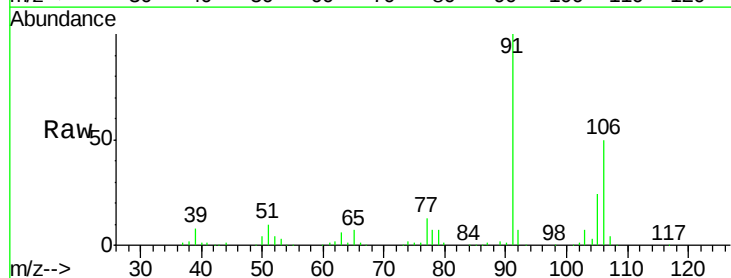
Acq: 13 Apr 2018 14:44

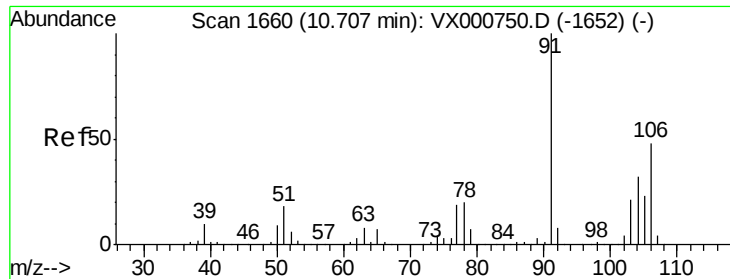
Tgt Ion: 106 Resp: 26798

Ion Ratio Lower Upper

106 100

91 202.1 159.3 238.9

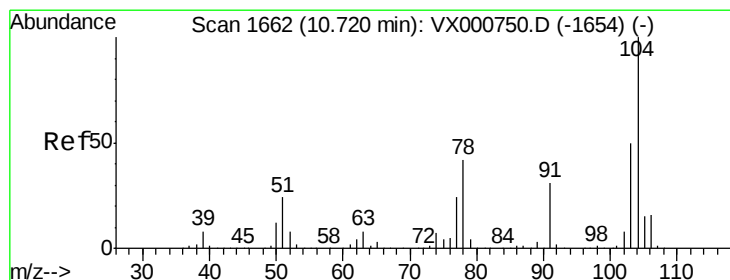
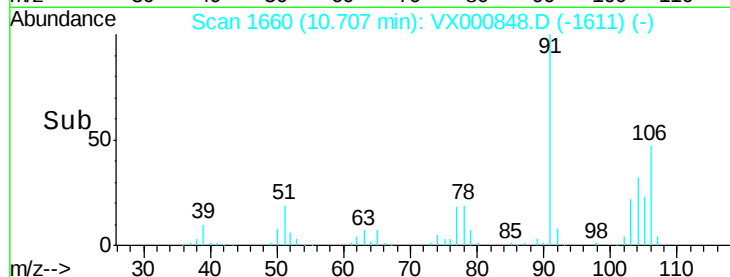
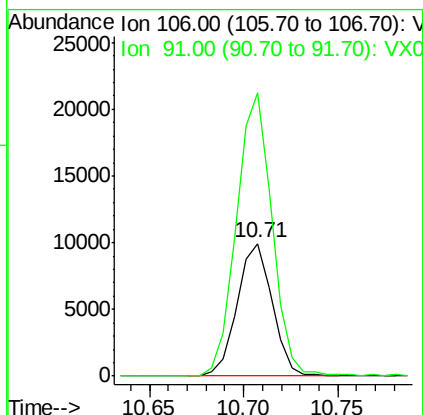
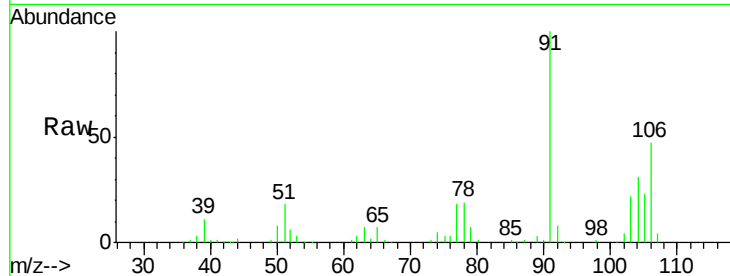




#69
o-Xylene
Concen: 2.52 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX000848.D
Acq: 13 Apr 2018 14:44

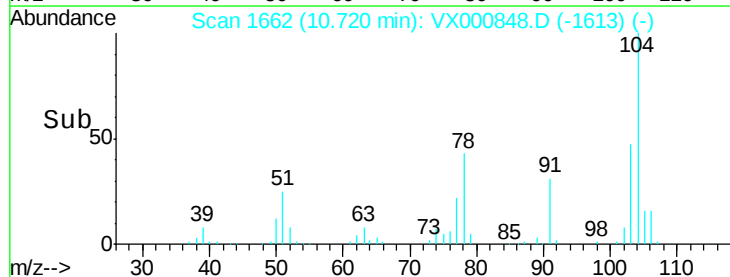
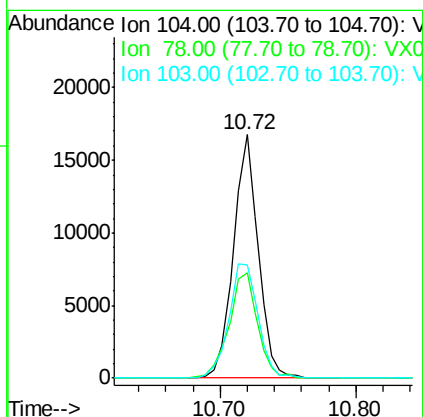
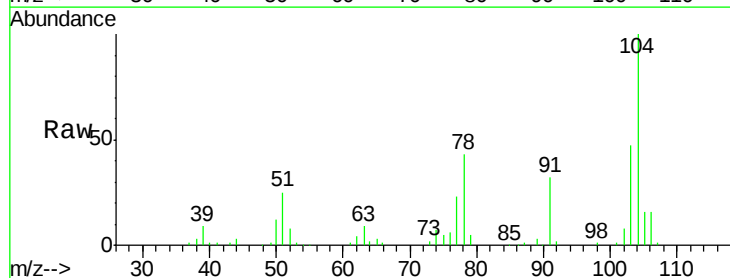
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2018

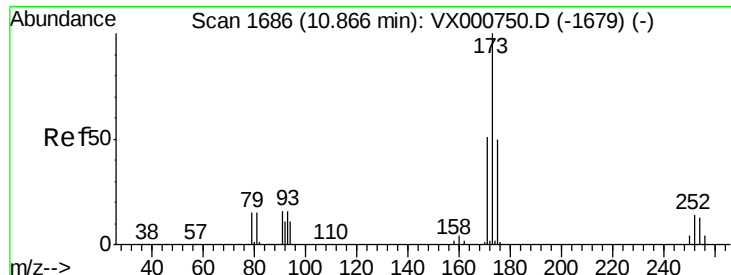
Tgt Ion:106 Resp: 12797
Ion Ratio Lower Upper
106 100
91 218.5 105.0 315.0



#70
Styrene
Concen: 2.48 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX000848.D
Acq: 13 Apr 2018 14:44

Tgt Ion:104 Resp: 21289
Ion Ratio Lower Upper
104 100
78 49.7 39.0 58.6
103 55.5 44.1 66.1

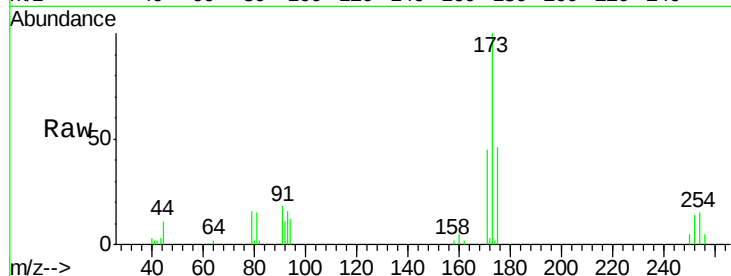




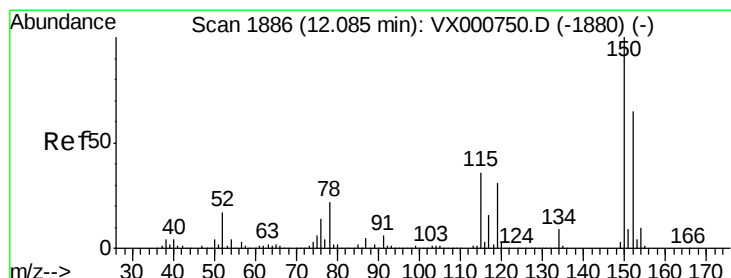
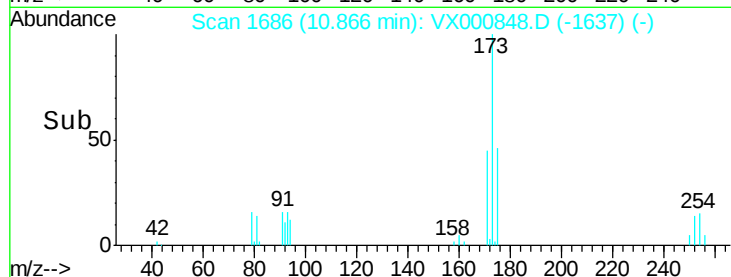
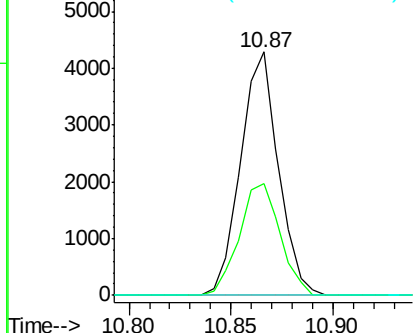
#71
Bromoform
Concen: 1.97 ug/l
RT: 10.87 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VX000848.D
Acq: 13 Apr 2018 14:44

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2018

Tgt Ion:173 Resp: 5506
Ion Ratio Lower Upper
173 100
175 49.5 24.5 73.5
254 0.0 0.2 0.2#

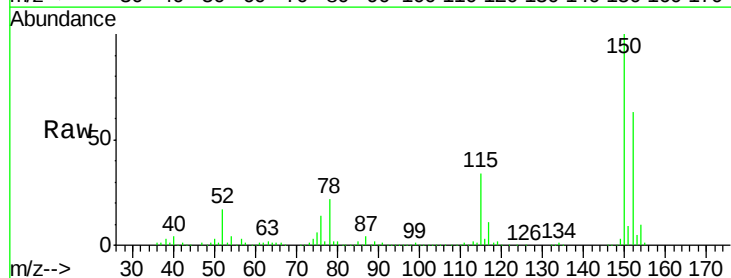


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

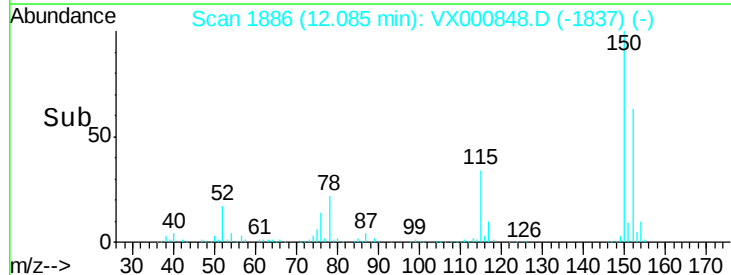
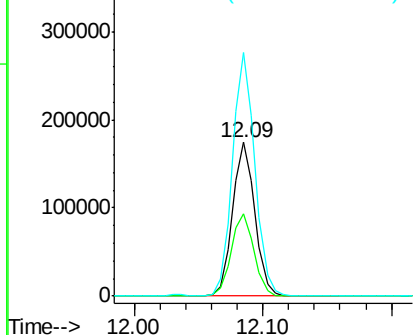


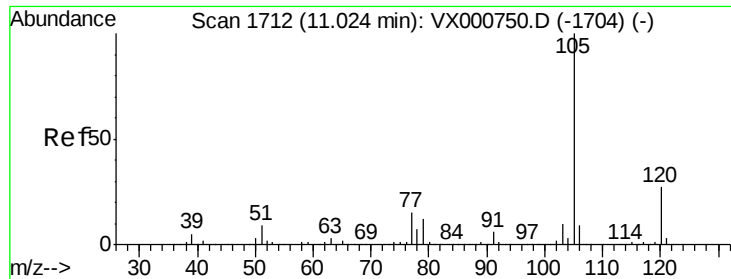
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX000848.D
Acq: 13 Apr 2018 14:44

Tgt Ion:152 Resp: 210424
Ion Ratio Lower Upper
152 100
115 55.0 37.9 113.7
150 159.3 0.0 348.0



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





#73

Isopropylbenzene

Concen: 2.67 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX000848.D

Acq: 13 Apr 2018 14:44

Instrument :

MSVOA_X

ClientSampleId :

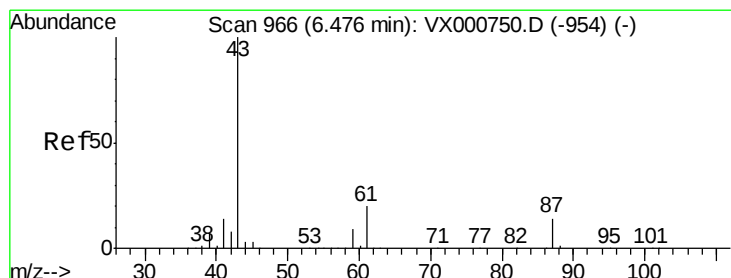
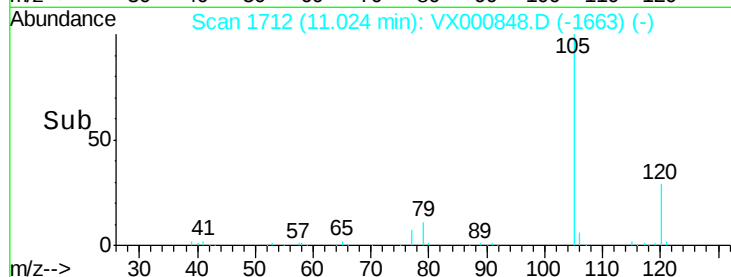
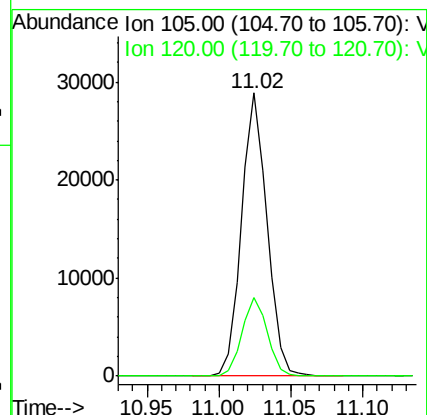
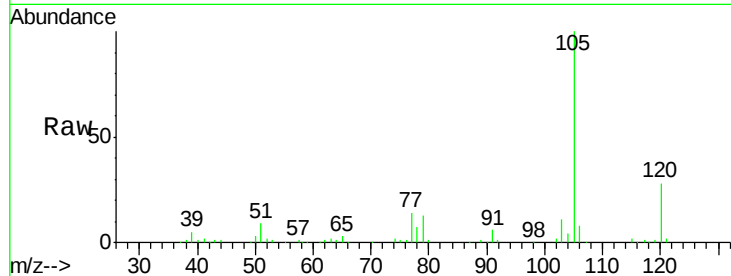
LOD-MDL-WATER-01-QT2-2018

Tgt Ion: 105 Resp: 35656

Ion Ratio Lower Upper

105 100

120 27.4 13.7 41.0



#74

N-ethyl acetate

Concen: 2.75 ug/l

RT: 6.48 min Scan# 967

Delta R.T. 0.01 min

Lab File: VX000848.D

Acq: 13 Apr 2018 14:44

Tgt Ion: 43 Resp: 16559

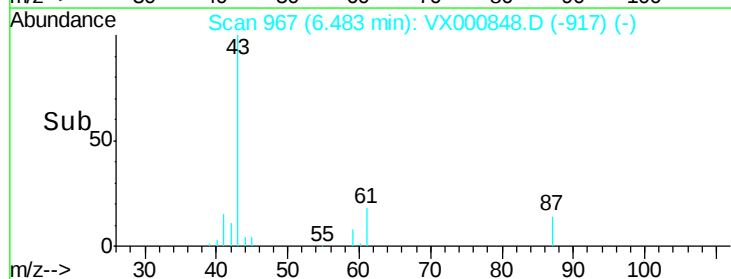
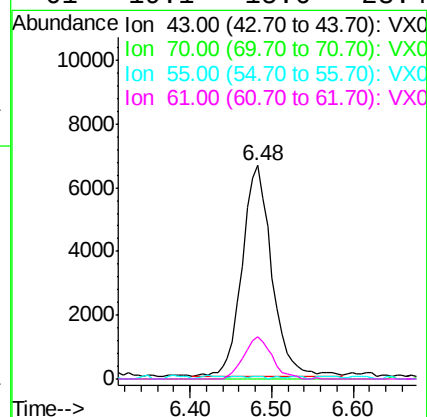
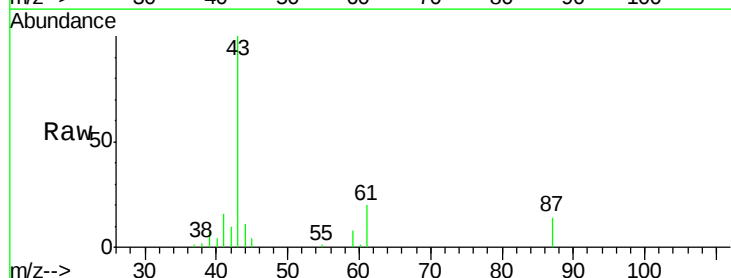
Ion Ratio Lower Upper

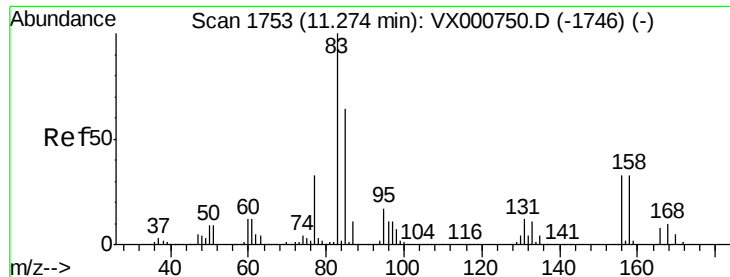
43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0

61 19.1 15.6 23.4





#75

1,1,2,2-Tetrachloroethane

Concen: 2.62 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX000848.D

Acq: 13 Apr 2018 14:44

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2018

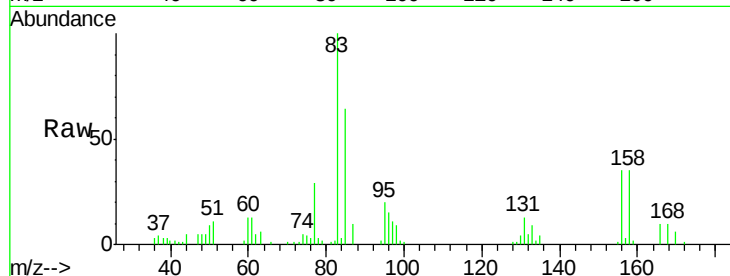
Tgt Ion: 83 Resp: 10162

Ion Ratio Lower Upper

83 100

131 12.6 6.0 18.0

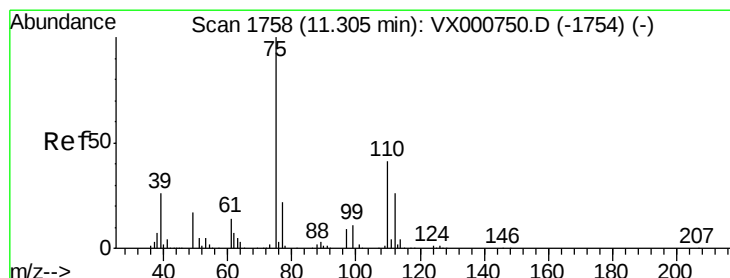
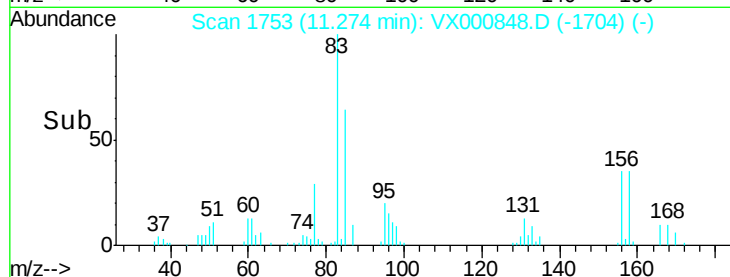
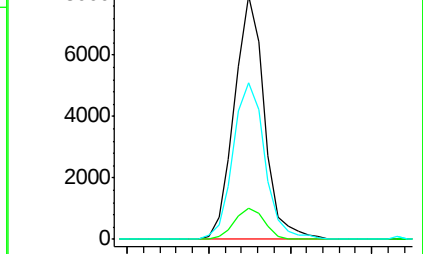
85 68.3 32.3 96.8



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: 3.15 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VX000848.D

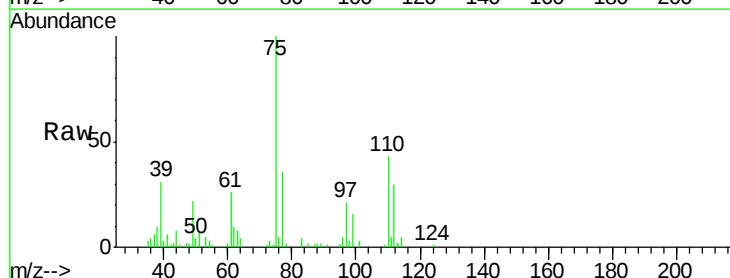
Acq: 13 Apr 2018 14:44

Tgt Ion: 75 Resp: 11428

Ion Ratio Lower Upper

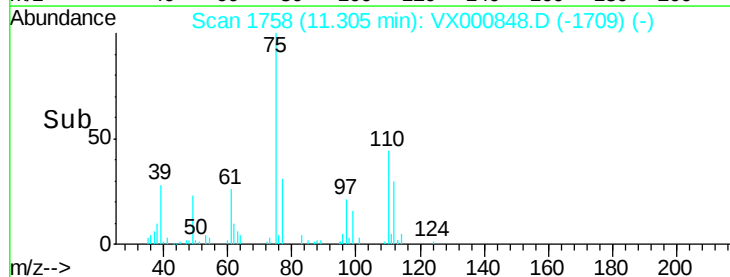
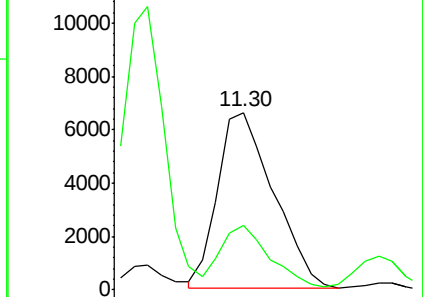
75 100

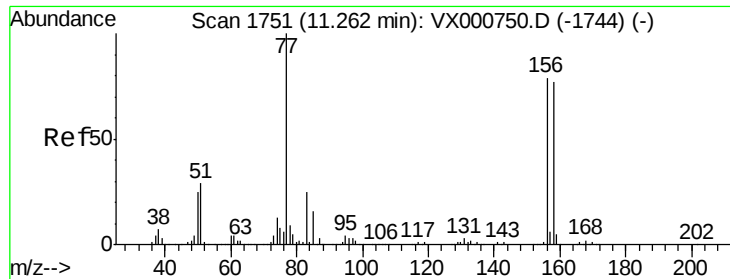
77 33.6 20.5 61.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 2.66 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX000848.D

Acq: 13 Apr 2018 14:44

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2018

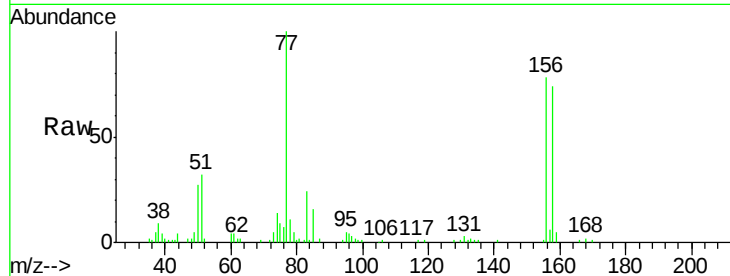
Tgt Ion:156 Resp: 10403

Ion Ratio Lower Upper

156 100

77 136.0 66.0 198.2

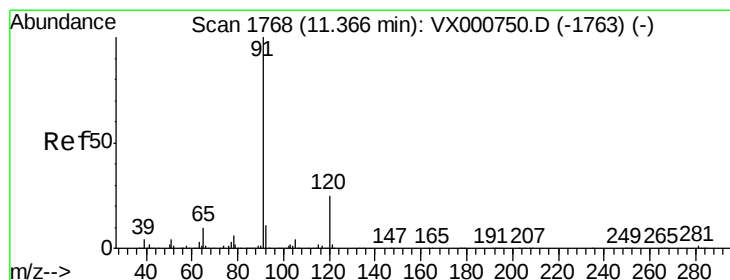
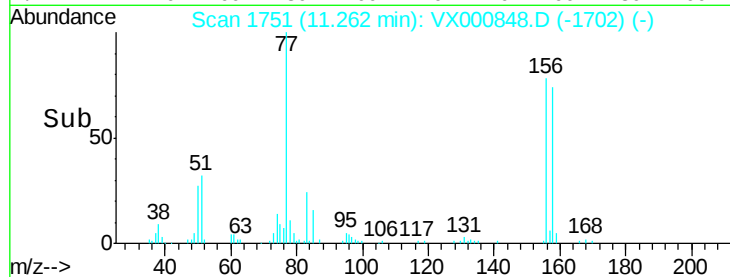
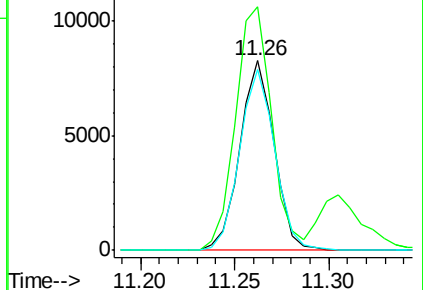
158 98.0 48.8 146.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 2.68 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX000848.D

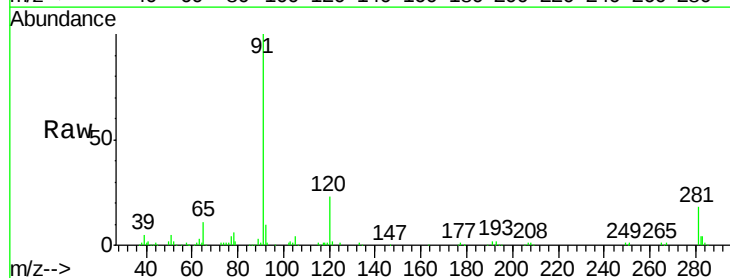
Acq: 13 Apr 2018 14:44

Tgt Ion: 91 Resp: 40884

Ion Ratio Lower Upper

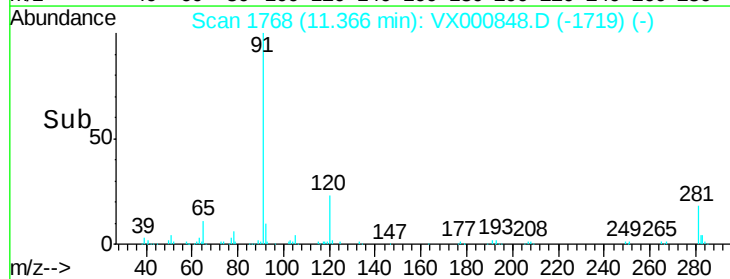
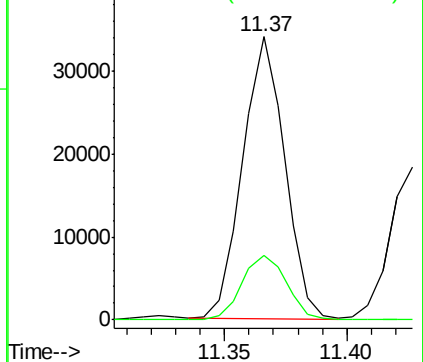
91 100

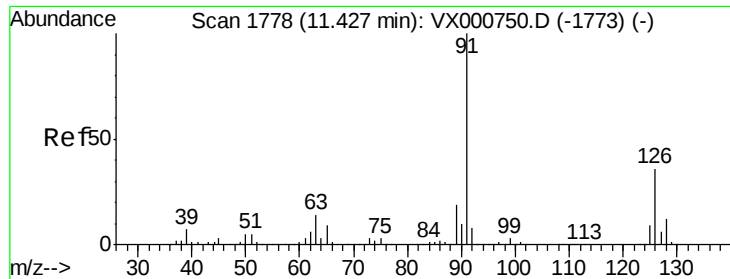
120 24.4 12.6 37.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

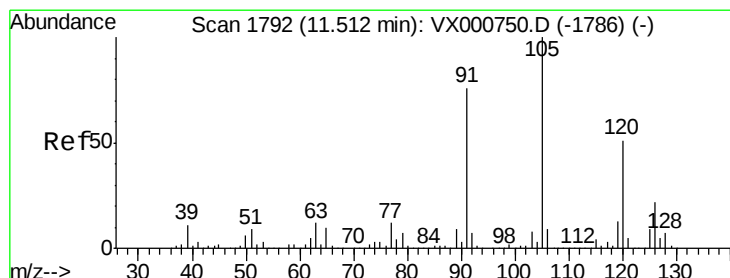
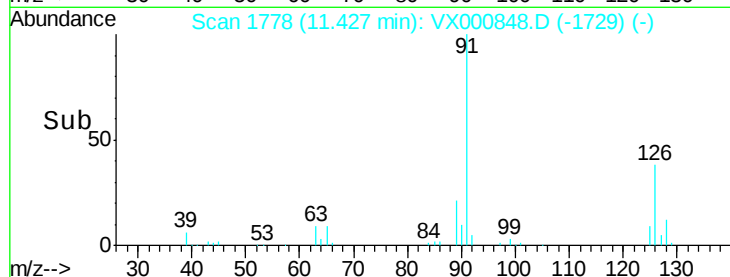
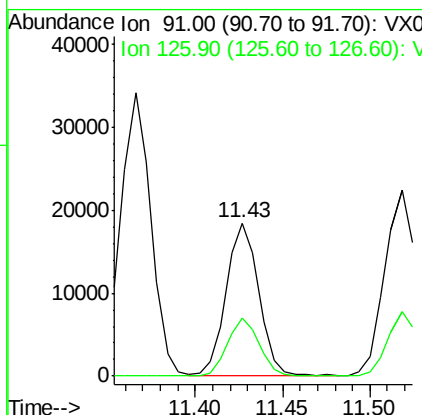
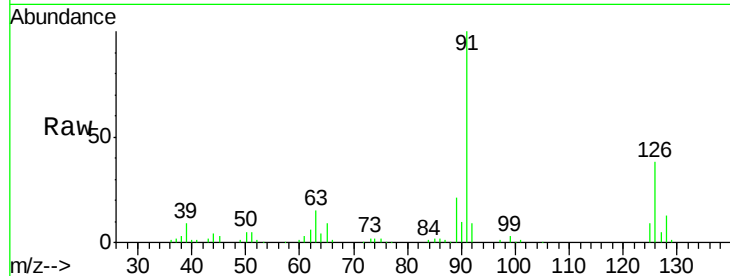




#79
 2-Chlorotoluene
 Concen: 2.61 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: VX000848.D
 Acq: 13 Apr 2018 14:44

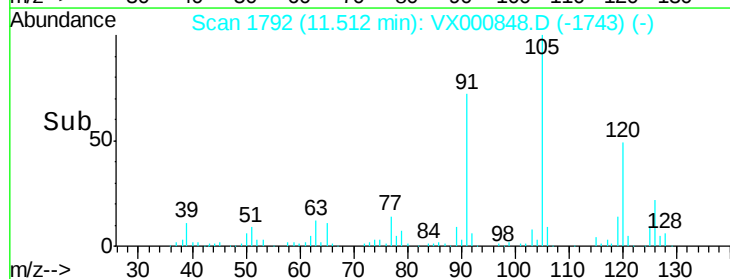
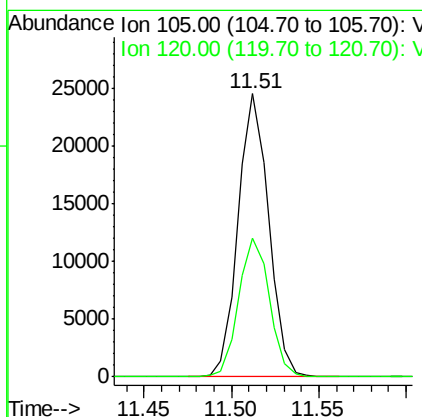
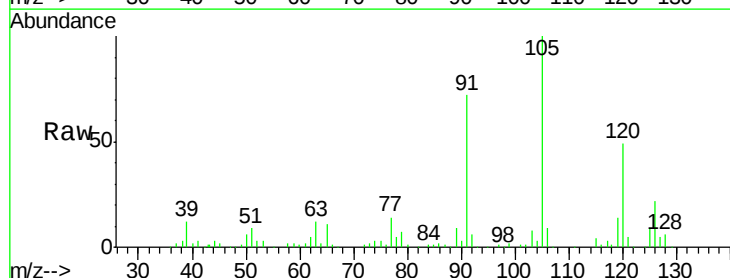
Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2018

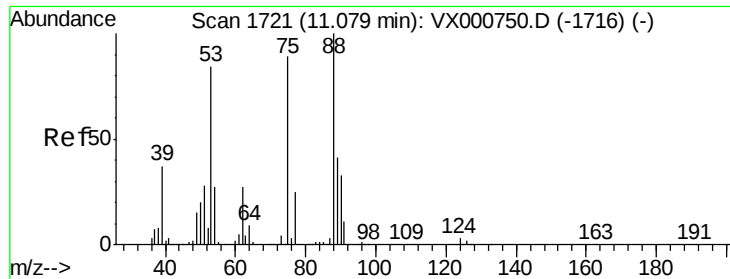
Tgt Ion: 91 Resp: 23575
 Ion Ratio Lower Upper
 91 100
 126 37.4 18.3 54.9



#80
 1,3,5-Trimethylbenzene
 Concen: 2.59 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX000848.D
 Acq: 13 Apr 2018 14:44

Tgt Ion: 105 Resp: 29788
 Ion Ratio Lower Upper
 105 100
 120 49.7 25.0 75.0

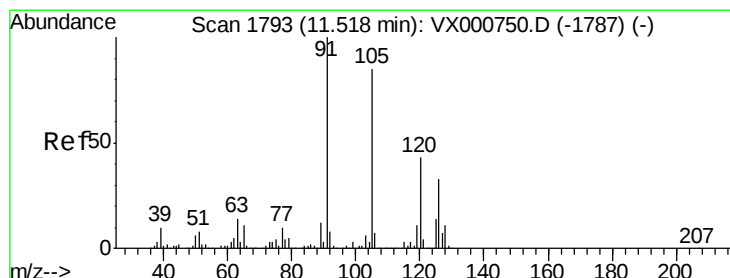
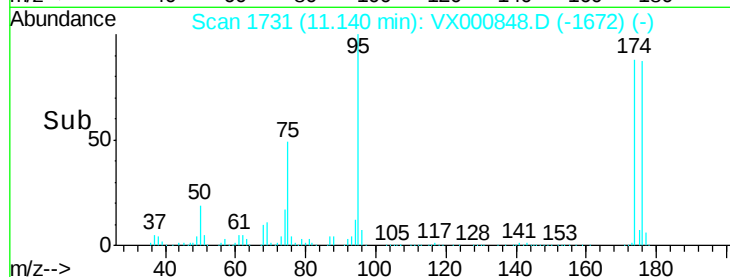
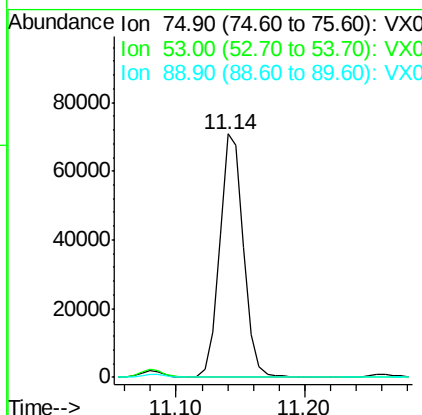
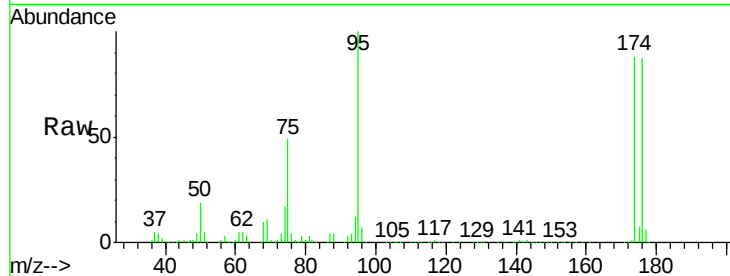




#81
trans-1,4-Dichloro-2-butene
Concen: 69.53 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX000848.D
Acq: 13 Apr 2018 14:44

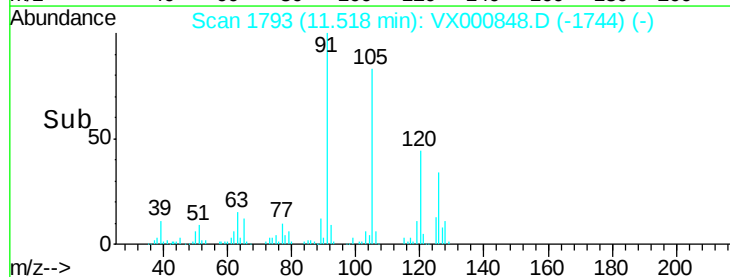
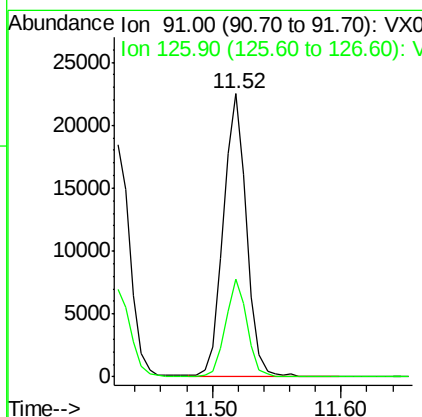
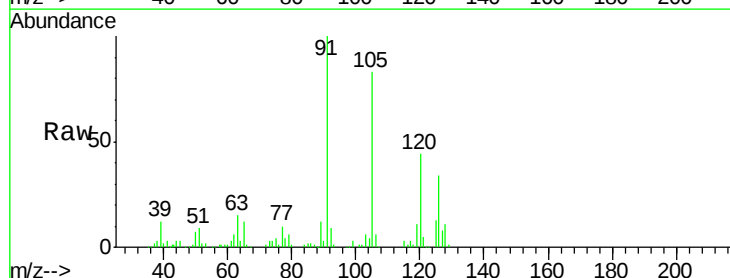
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2018

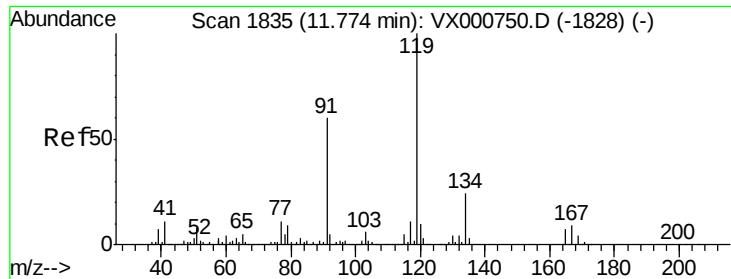
Tgt Ion: 75 Resp: 91723
Ion Ratio Lower Upper
75 100
53 0.0 75.4 113.0#
89 0.0 40.9 61.3#



#82
4-Chlorotoluene
Concen: 2.63 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VX000848.D
Acq: 13 Apr 2018 14:44

Tgt Ion: 91 Resp: 28603
Ion Ratio Lower Upper
91 100
126 32.0 16.2 48.6

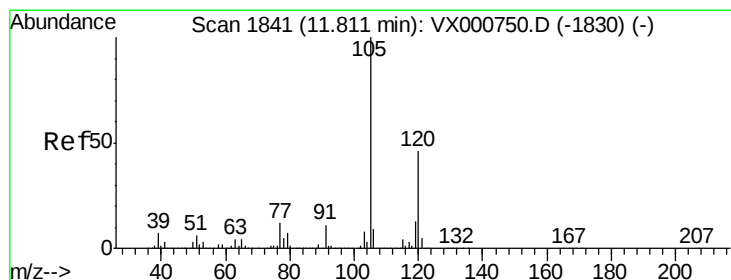
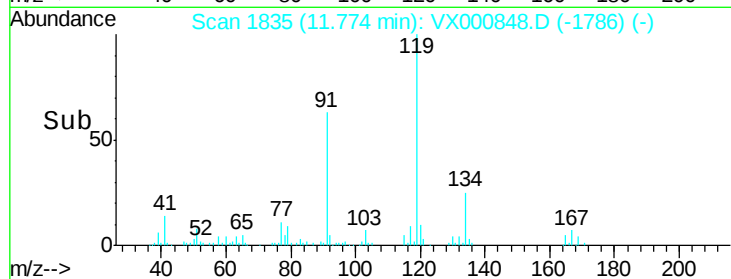
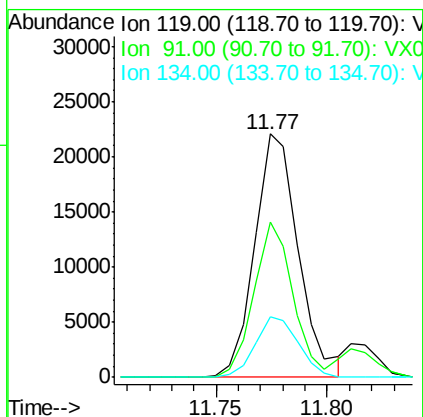
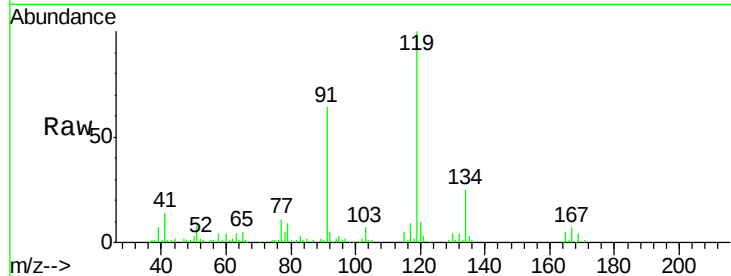




#83
 tert-Butylbenzene
 Concen: 2.57 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX000848.D
 Acq: 13 Apr 2018 14:44

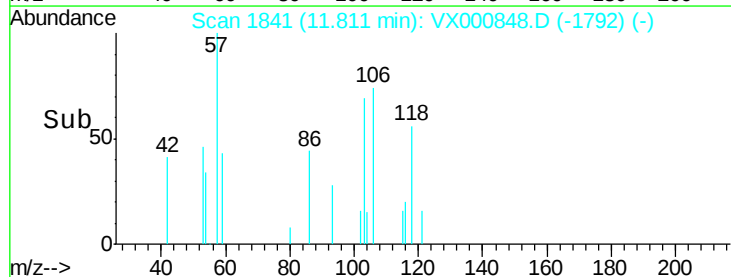
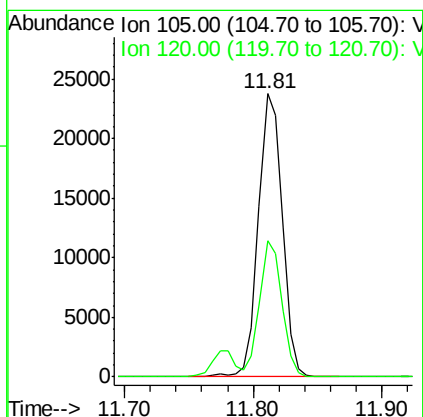
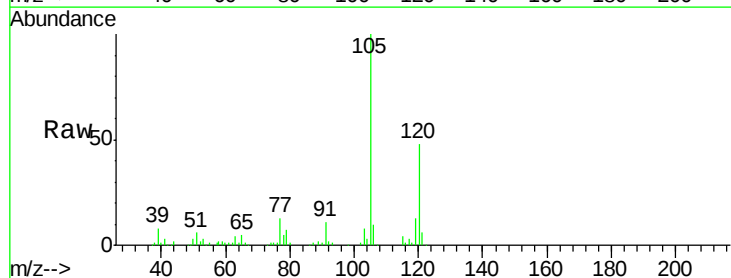
Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2018

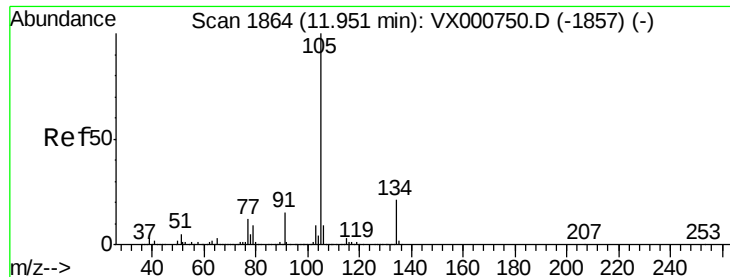
Tgt Ion:119 Resp: 30195
 Ion Ratio Lower Upper
 119 100
 91 57.3 26.8 80.3
 134 24.5 11.5 34.4



#84
 1,2,4-Trimethylbenzene
 Concen: 2.56 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX000848.D
 Acq: 13 Apr 2018 14:44

Tgt Ion:105 Resp: 30307
 Ion Ratio Lower Upper
 105 100
 120 45.1 23.1 69.3

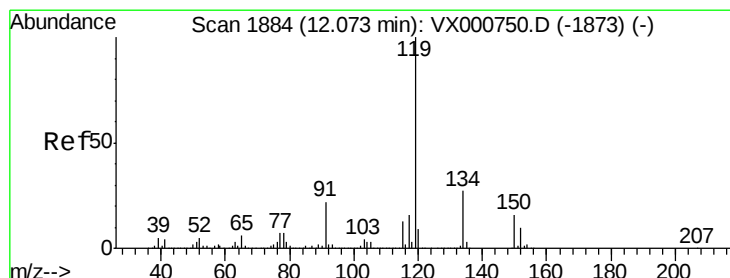
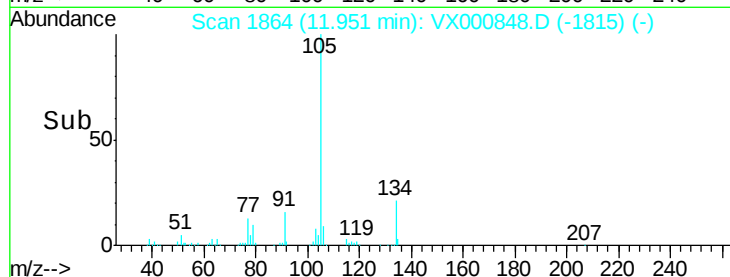
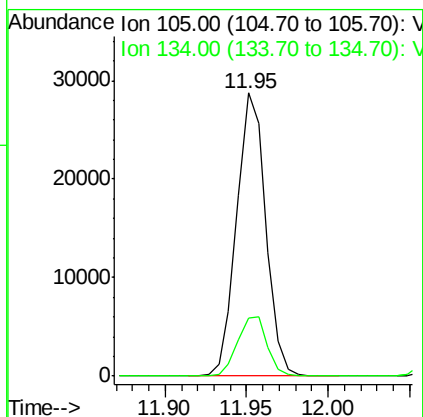
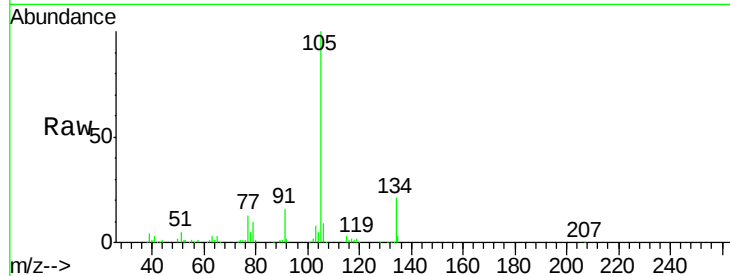




#85
 sec-Butylbenzene
 Concen: 2.58 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX000848.D
 Acq: 13 Apr 2018 14:44

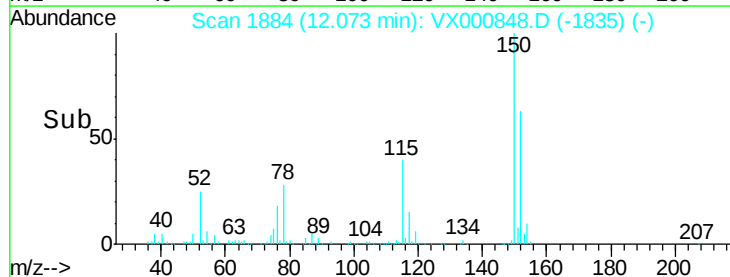
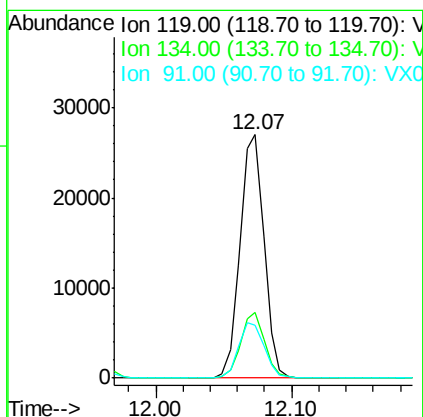
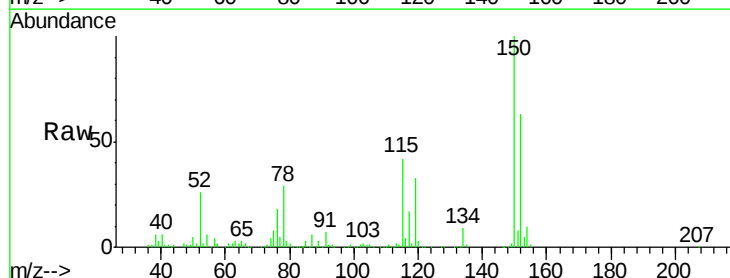
Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2018

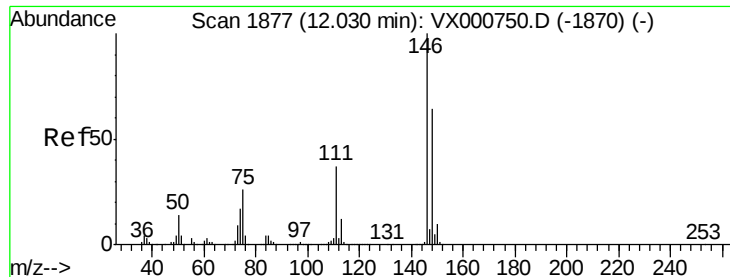
Tgt Ion:105 Resp: 35769
 Ion Ratio Lower Upper
 105 100
 134 21.4 10.8 32.4



#86
 p-Isopropyltoluene
 Concen: 2.57 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VX000848.D
 Acq: 13 Apr 2018 14:44

Tgt Ion:119 Resp: 33251
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.6 40.7
 91 24.7 11.2 33.5

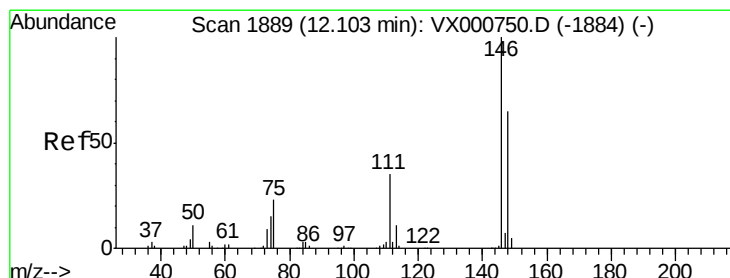
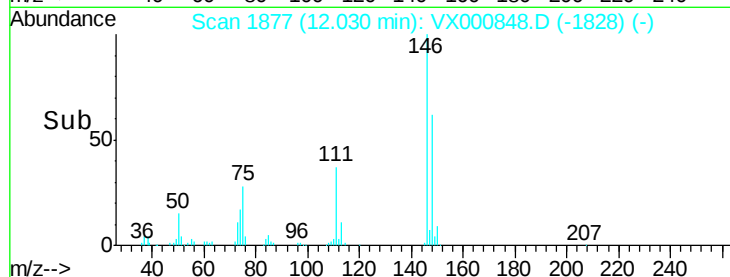
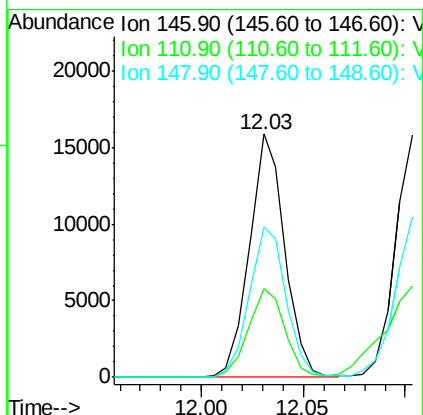
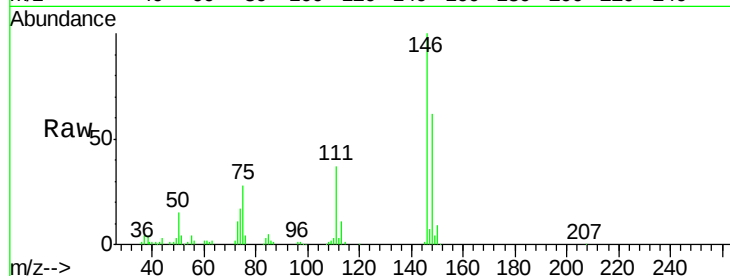




#87
 1,3-Dichlorobenzene
 Concen: 2.64 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX000848.D
 Acq: 13 Apr 2018 14:44

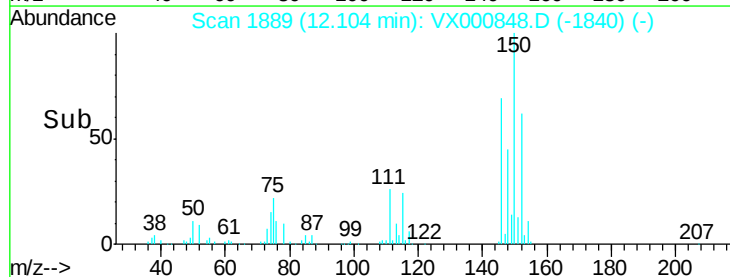
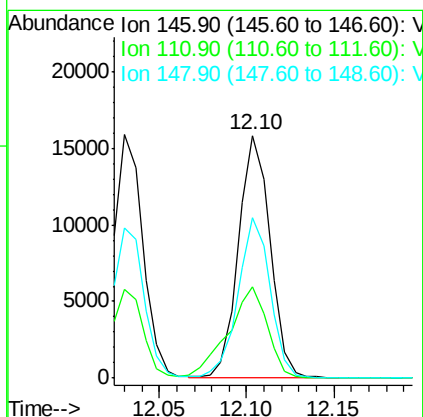
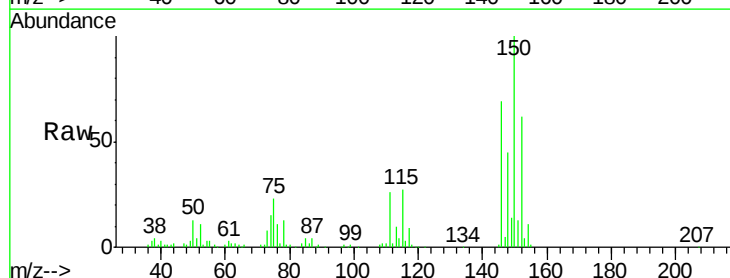
Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2018

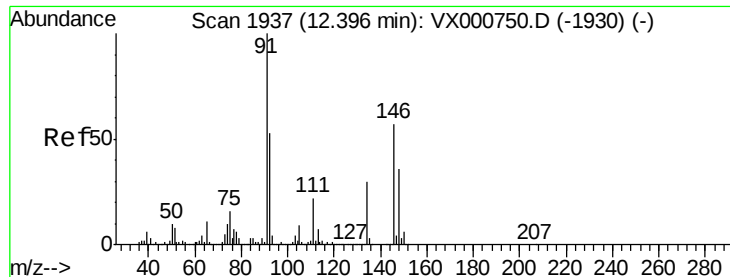
Tgt Ion:146 Resp: 19119
 Ion Ratio Lower Upper
 146 100
 111 37.8 18.3 54.8
 148 64.5 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 2.70 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX000848.D
 Acq: 13 Apr 2018 14:44

Tgt Ion:146 Resp: 20004
 Ion Ratio Lower Upper
 146 100
 111 46.7 17.9 53.8
 148 67.0 32.6 97.7





#89

n-Butylbenzene

Concen: 2.57 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX000848.D

Acq: 13 Apr 2018 14:44

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2018

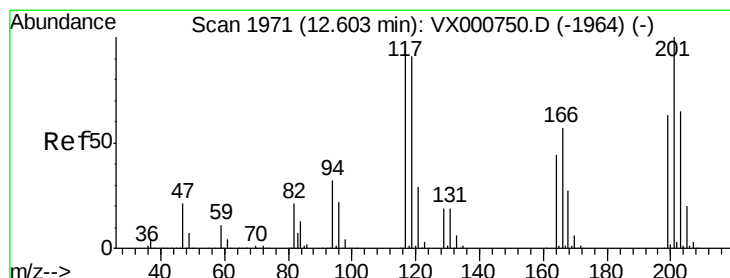
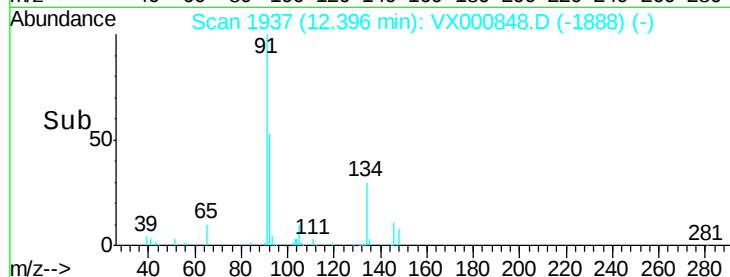
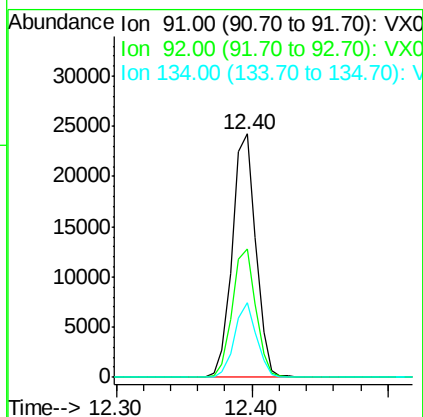
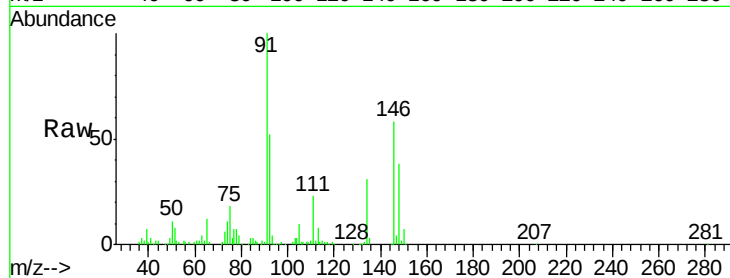
Tgt Ion: 91 Resp: 29295

Ion Ratio Lower Upper

91 100

92 52.4 26.5 79.5

134 28.4 14.5 43.5



#90

Hexachloroethane

Concen: 1.99 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VX000848.D

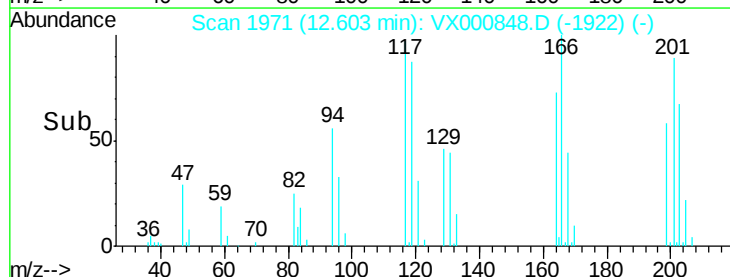
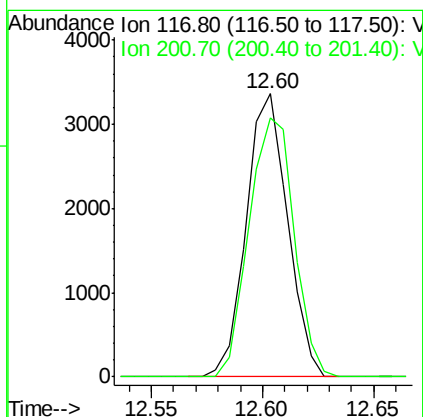
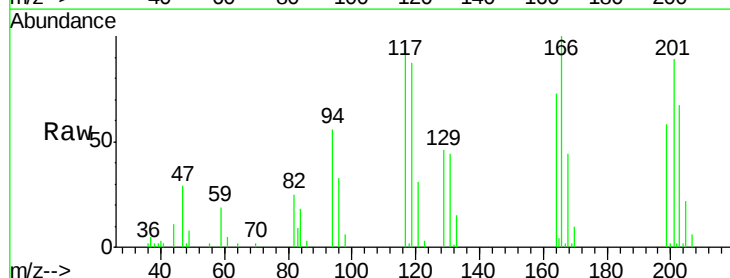
Acq: 13 Apr 2018 14:44

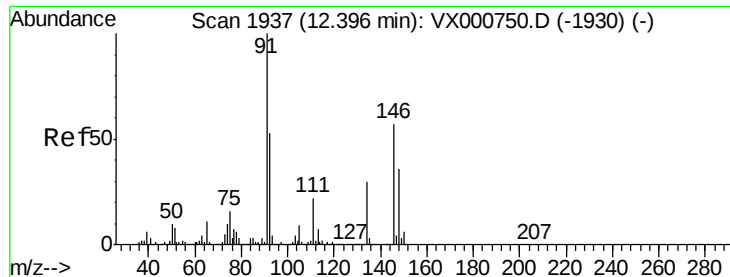
Tgt Ion: 117 Resp: 4357

Ion Ratio Lower Upper

117 100

201 99.6 52.9 158.7

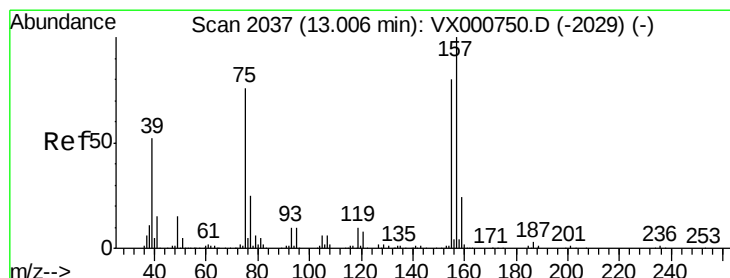
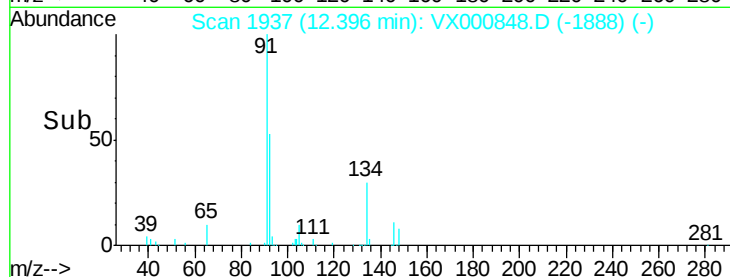
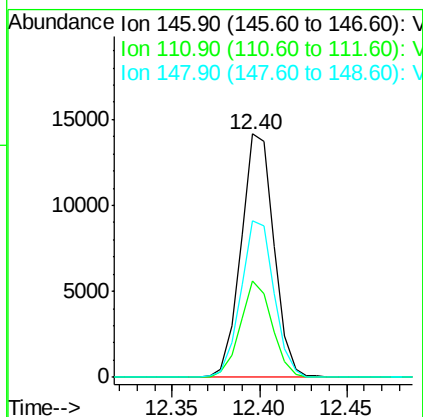
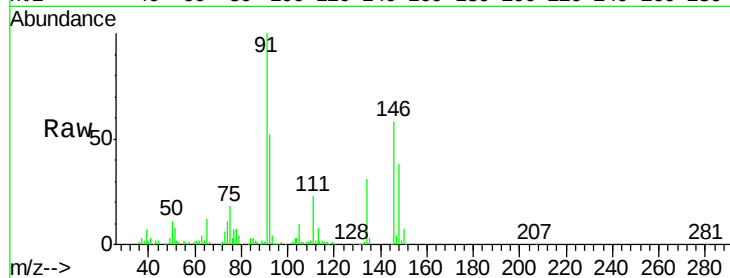




#91
 1,2-Dichlorobenzene
 Concen: 2.64 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX000848.D
 Acq: 13 Apr 2018 14:44

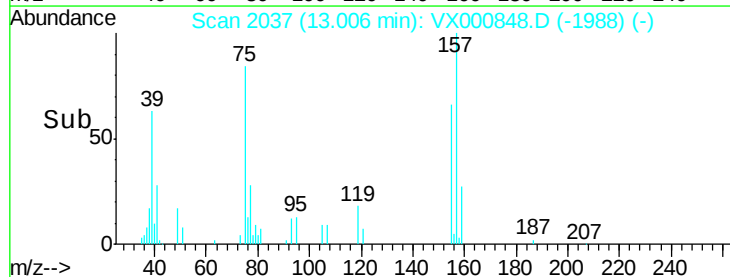
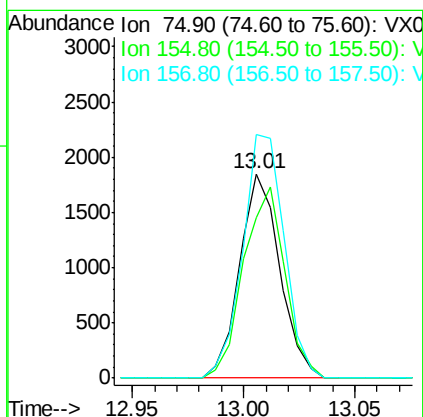
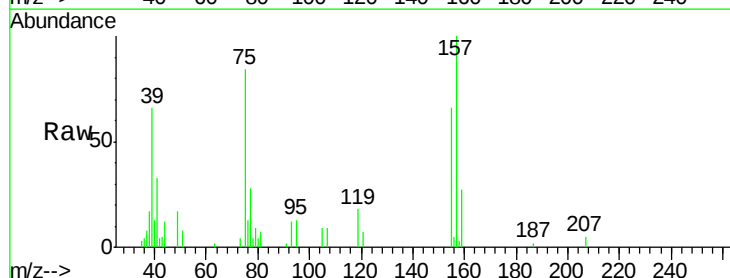
Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2018

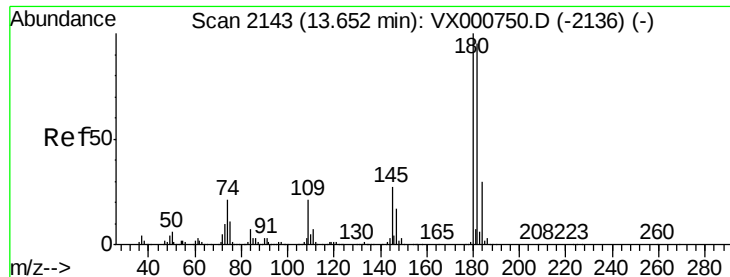
Tgt Ion: 146 Resp: 18458
 Ion Ratio Lower Upper
 146 100
 111 38.0 18.9 56.7
 148 64.5 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 2.40 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX000848.D
 Acq: 13 Apr 2018 14:44

Tgt Ion: 75 Resp: 2331
 Ion Ratio Lower Upper
 75 100
 155 95.8 51.9 155.8
 157 123.7 66.6 199.8

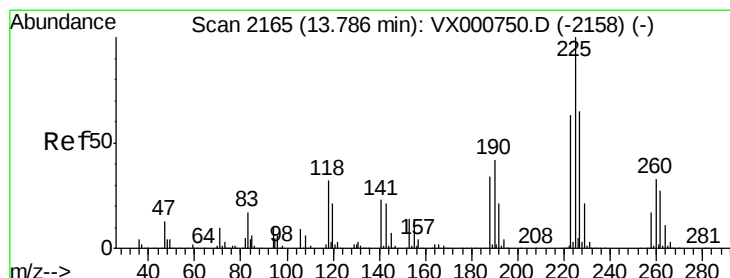
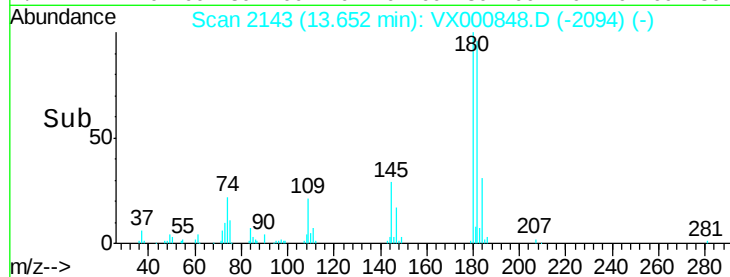
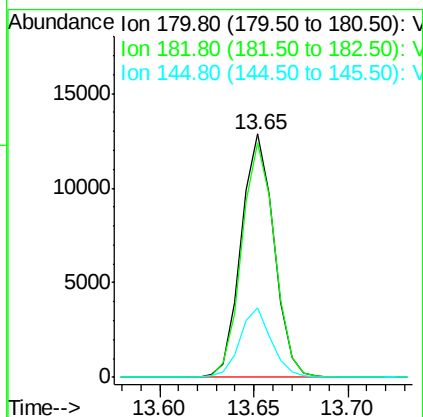
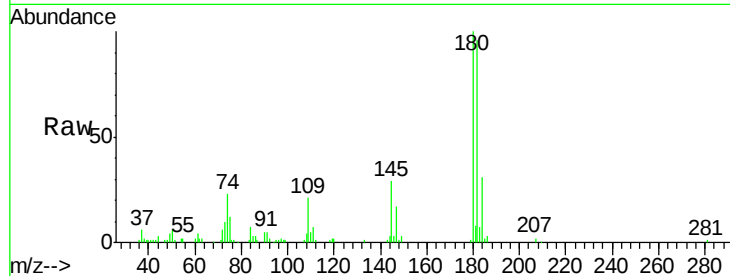




#93
 1,2,4-Trichlorobenzene
 Concen: 2.61 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX000848.D
 Acq: 13 Apr 2018 14:44

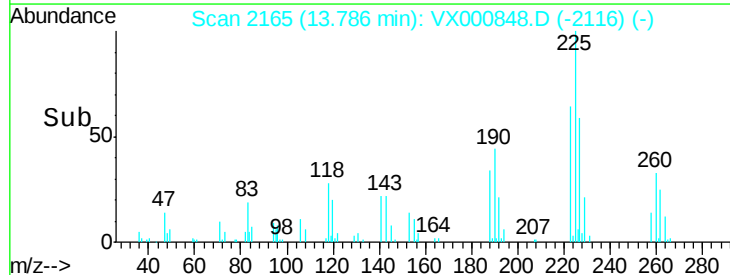
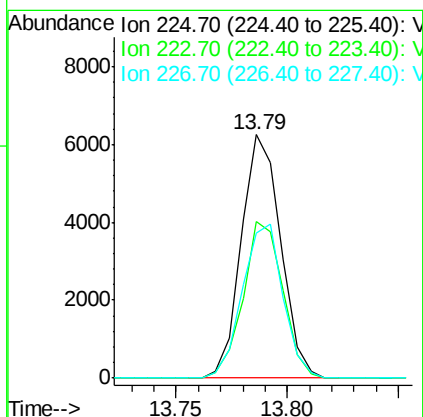
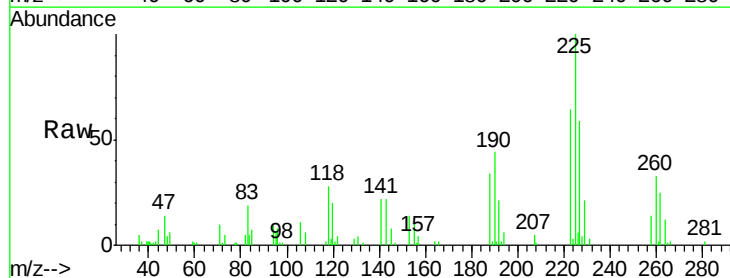
Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2018

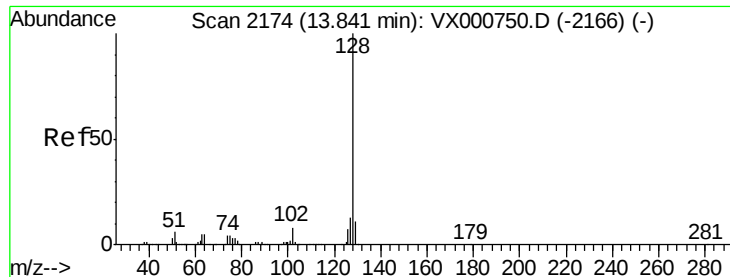
Tgt Ion:180 Resp: 15565
 Ion Ratio Lower Upper
 180 100
 182 96.1 47.5 142.5
 145 27.3 13.8 41.4



#94
 Hexachlorobutadiene
 Concen: 2.63 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX000848.D
 Acq: 13 Apr 2018 14:44

Tgt Ion:225 Resp: 7708
 Ion Ratio Lower Upper
 225 100
 223 64.9 31.2 93.6
 227 65.3 32.3 96.9





#95

Naphthalene

Concen: 2.65 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX000848.D

Acq: 13 Apr 2018 14:44

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2018

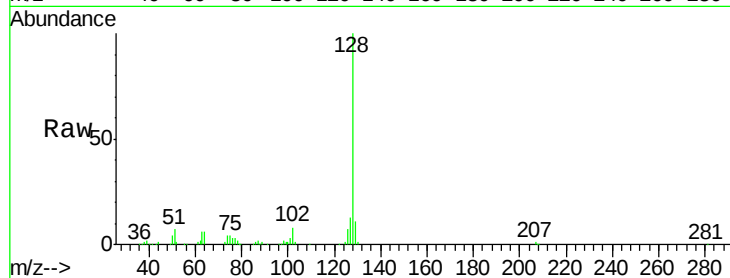
Tgt Ion:128 Resp: 40601

Ion Ratio Lower Upper

128 100

127 12.8 10.4 15.6

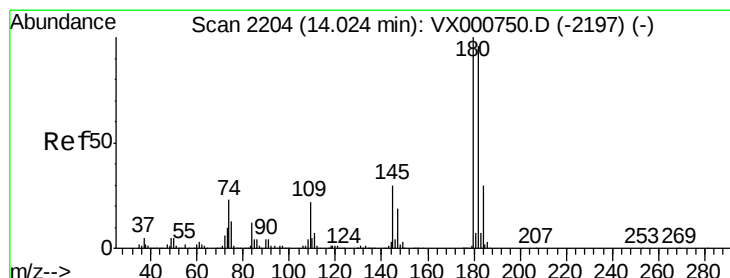
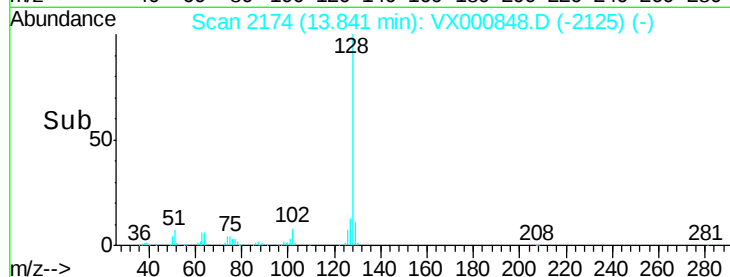
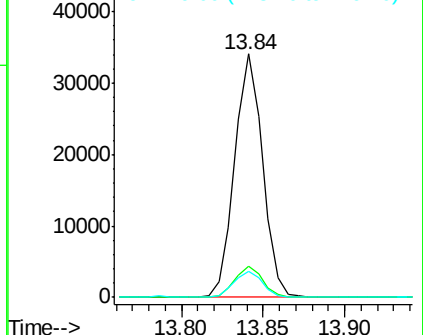
129 11.0 8.7 13.1



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: 2.63 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX000848.D

Acq: 13 Apr 2018 14:44

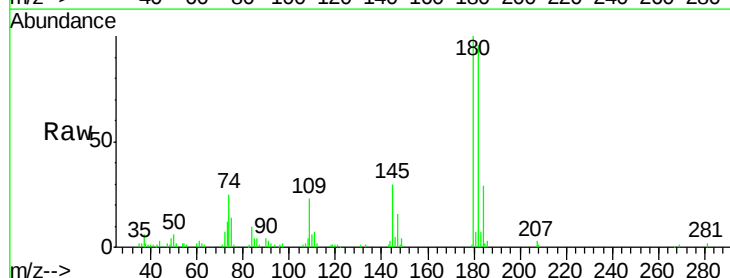
Tgt Ion:180 Resp: 15250

Ion Ratio Lower Upper

180 100

182 97.1 48.4 145.2

145 29.9 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

