

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX041318\
 Data File : VX000844.D
 Acq On : 13 Apr 2018 13:01
 Operator : JC/MD
 Sample : J2133-07 LOD-MDL 0.2PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Apr 14 05:09:51 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	267514	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	352116	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	329668	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	221876	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	154113	45.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.38%	
35) Dibromofluoromethane	5.51	113	127088	46.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.70%	
50) Toluene-d8	8.72	98	472281	46.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.52%	
62) 4-Bromofluorobenzene	11.15	95	189045	45.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.48%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	639	0.21	ug/l	97
3) Chloromethane	1.32	50	722	0.28	ug/l	94
4) Vinyl Chloride	1.40	62	655	0.22	ug/l	97
5) Bromomethane	1.65	94	690	Below Cal		87
6) Chloroethane	1.73	64	4362	2.47	ug/l #	70
7) Trichlorofluoromethane	1.94	101	879	0.20	ug/l	89
8) Diethyl Ether	2.20	74	398	0.24	ug/l	82
9) 1,1,2-Trichlorotrifluoroet	2.39	101	600	0.23	ug/l #	89
10) Methyl Iodide	2.51	142	537	8.45	ug/l #	87
11) Tert butyl alcohol	3.06	59	876	1.46	ug/l #	93
12) 1,1-Dichloroethene	2.37	96	639	0.26	ug/l	84
13) Acrolein	2.30	56	434	1.49	ug/l #	82
14) Allyl chloride	2.73	41	1327	0.29	ug/l	91
15) Acrylonitrile	3.14	53	2153	1.69	ug/l	88
16) Acetone	2.45	43	1705	1.47	ug/l	96
17) Carbon Disulfide	2.57	76	2506	0.34	ug/l	96
18) Methyl Acetate	2.78	43	1156	0.38	ug/l	92
19) Methyl tert-butyl Ether	3.21	73	1818	0.22	ug/l #	85
20) Methylene Chloride	2.86	84	1138	0.42	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	864	0.32	ug/l #	75
22) Diisopropyl ether	3.89	45	1850	0.22	ug/l #	49
23) Vinyl Acetate	3.83	43	7423	1.01	ug/l	99
24) 1,1-Dichloroethane	3.70	63	1300	0.28	ug/l #	64
25) 2-Butanone	4.71	43	2493	1.30	ug/l	93
27) cis-1,2-Dichloroethene	4.60	96	831	0.27	ug/l	90
28) Bromochloromethane	5.02	49	430	0.23	ug/l #	86
29) Tetrahydrofuran	5.17	42	2101	1.72	ug/l #	86
30) Chloroform	5.22	83	1207	0.24	ug/l #	78
31) Cyclohexane	5.58	56	1279	0.29	ug/l	90
32) 1,1,1-Trichloroethane	5.51	97	992	0.21	ug/l #	50
36) 1,1-Dichloropropene	5.81	75	1202	0.31	ug/l	93
37) Ethyl Acetate	4.87	43	947	0.25	ug/l #	92
38) Carbon Tetrachloride	5.79	117	1217	0.28	ug/l #	64
39) Methylcyclohexane	7.46	83	999	0.21	ug/l #	90

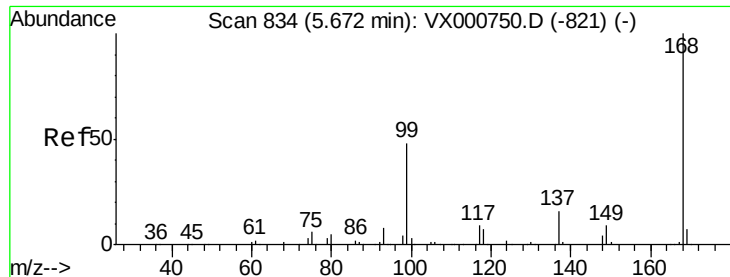
Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX041318\
 Data File : VX000844.D
 Acq On : 13 Apr 2018 13:01
 Operator : JC/MD
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Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2018

Quant Time: Apr 14 05:09:51 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)
40) Benzene	6.15	78	2578	0.24	ug/l	90
42) 1,2-Dichloroethane	6.21	62	1010	0.25	ug/l #	74
43) Isopropyl Acetate	6.47	43	1476	0.23	ug/l #	84
45) 1,2-Dichloropropane	7.52	63	610	0.22	ug/l #	39
46) Dibromomethane	7.67	93	482	0.25	ug/l	91
47) Bromodichloromethane	7.91	83	808	0.21	ug/l #	91
48) Methyl methacrylate	7.78	41	693	0.21	ug/l #	76
49) 1,4-Dioxane	7.77	88	227	3.36	ug/l #	88
51) 4-Methyl-2-Pentanone	8.66	43	3828	1.00	ug/l	100
52) Toluene	8.79	92	1470	0.21	ug/l	89
54) cis-1,3-Dichloropropene	9.05	75	906	0.20	ug/l	97
55) 1,1,2-Trichloroethane	9.23	97	626	0.22	ug/l #	83
56) Ethyl methacrylate	9.20	69	949	0.22	ug/l	95
57) 1,3-Dichloropropane	9.38	76	991	0.22	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	1929	0.94	ug/l	98
59) 2-Hexanone	9.51	43	3272	1.11	ug/l	91
61) 1,2-Dibromoethane	9.68	107	608	0.20	ug/l	99
64) Tetrachloroethene	9.34	164	743	0.23	ug/l	90
65) Chlorobenzene	10.15	112	1804	0.22	ug/l	91
67) Ethyl Benzene	10.26	91	3031	0.22	ug/l #	87
68) m/p-Xylenes	10.37	106	2395	0.44	ug/l	98
69) o-Xylene	10.70	106	1089	0.21	ug/l	97
70) Styrene	10.72	104	1910	0.22	ug/l	96
73) Isopropylbenzene	11.02	105	3017	0.21	ug/l	100
74) N-amyl acetate	6.47	43	1476	0.23	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	11.27	83	915	0.22	ug/l	89
76) 1,2,3-Trichloropropane	11.14	75	91638	23.95	ug/l #	36
77) Bromobenzene	11.26	156	890	0.22	ug/l	95
78) n-propylbenzene	11.37	91	3474	0.22	ug/l	100
79) 2-Chlorotoluene	11.43	91	2075	0.22	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.14	75	91638	65.88	ug/l #	11
82) 4-Chlorotoluene	11.52	91	2666	0.23	ug/l	98
83) tert-Butylbenzene	11.77	119	2494	0.20	ug/l	92
84) 1,2,4-Trimethylbenzene	11.82	105	2585	0.21	ug/l	95
85) sec-Butylbenzene	11.95	105	3113	0.21	ug/l	96
86) p-Isopropyltoluene	12.07	119	2968	0.22	ug/l #	73
87) 1,3-Dichlorobenzene	12.03	146	1881	0.25	ug/l	92
88) 1,4-Dichlorobenzene	12.03	146	1881	0.24	ug/l	91
89) n-Butylbenzene	12.40	91	2854	0.24	ug/l	95
91) 1,2-Dichlorobenzene	12.40	146	1596	0.22	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	13.01	75	205	0.20	ug/l	65
93) 1,2,4-Trichlorobenzene	13.65	180	1771	0.28	ug/l	99
94) Hexachlorobutadiene	13.79	225	723	0.23	ug/l	83
95) Naphthalene	13.84	128	3937	0.24	ug/l	98
96) 1,2,3-Trichlorobenzene	14.03	180	1540	0.25	ug/l	98

(#) = 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: VX000844.D

Acq: 13 Apr 2018 13:01

Instrument :

MSVOA_X

ClientSampleId :

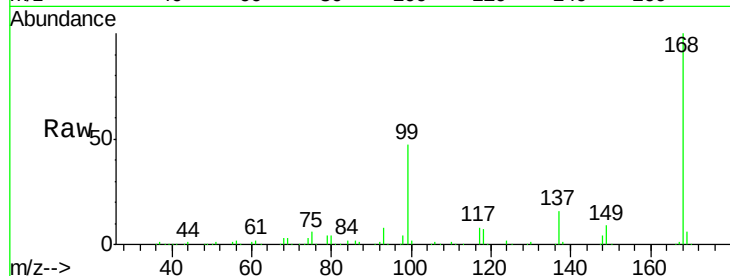
LOD-MDL-WATER-01-QT2-2018

Tgt Ion:168 Resp: 267514

Ion Ratio Lower Upper

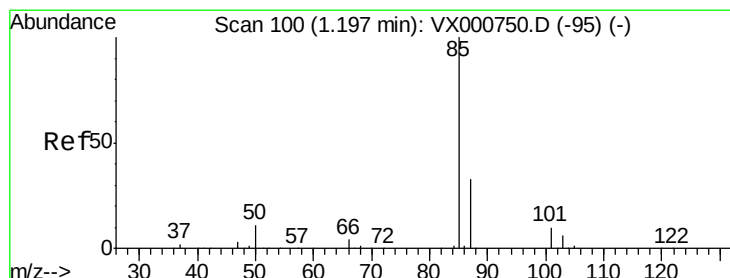
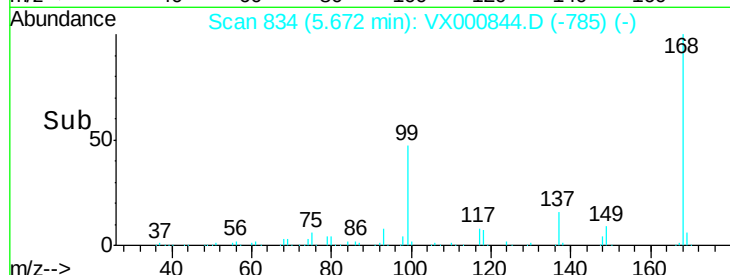
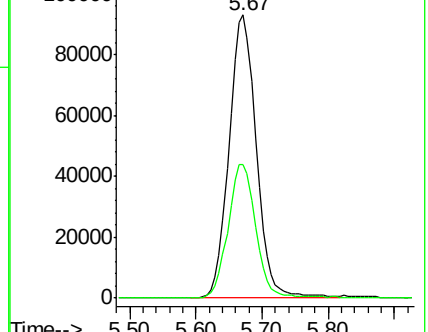
168 100

99 47.4 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: 0.21 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000844.D

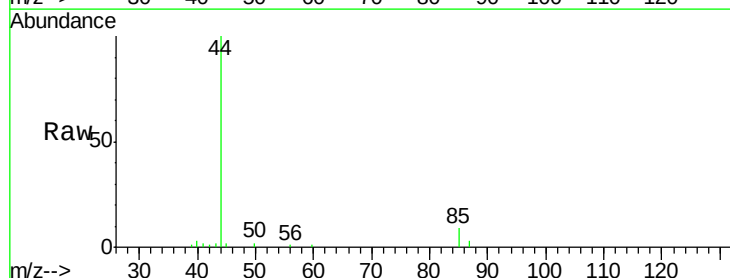
Acq: 13 Apr 2018 13:01

Tgt Ion: 85 Resp: 639

Ion Ratio Lower Upper

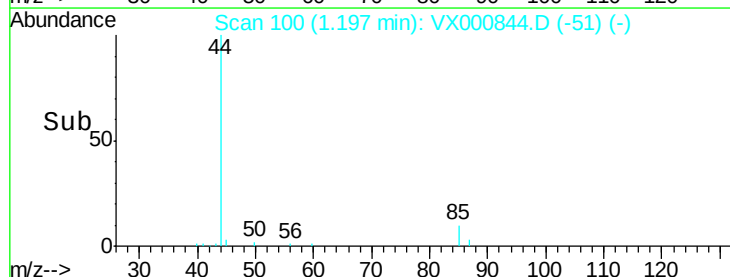
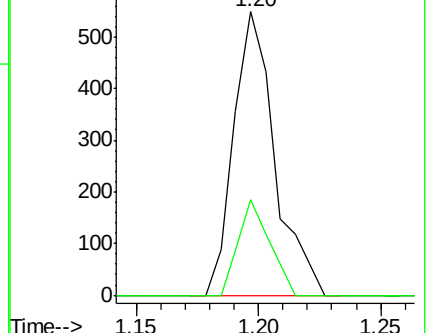
85 100

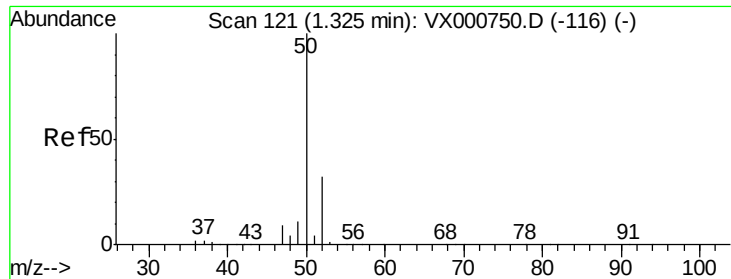
87 33.9 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 0.28 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000844.D

Acq: 13 Apr 2018 13:01

Instrument :

MSVOA_X

ClientSampleId :

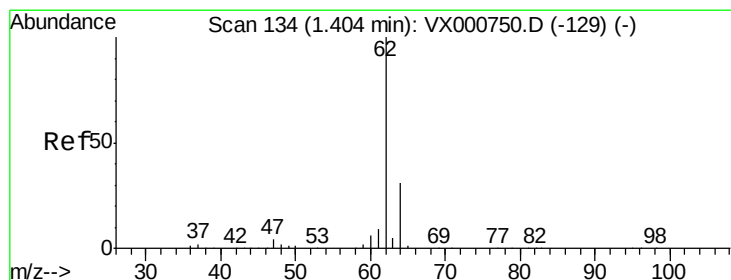
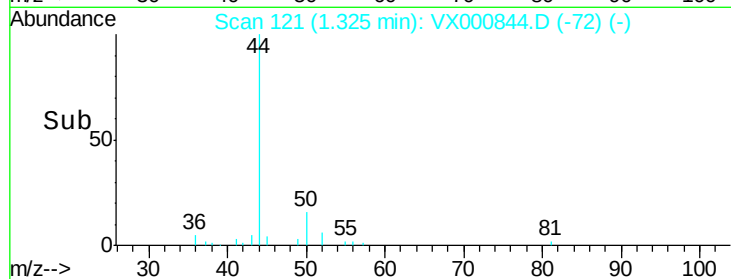
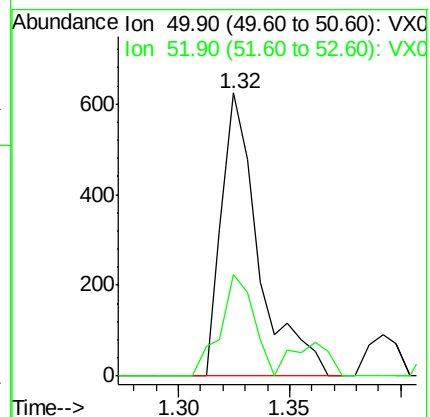
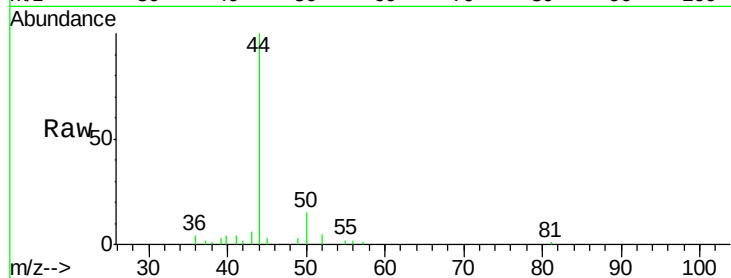
LOD-MDL-WATER-01-QT2-2018

Tgt Ion: 50 Resp: 722

Ion Ratio Lower Upper

50 100

52 35.7 25.8 38.8



#4

Vinyl Chloride

Concen: 0.22 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX000844.D

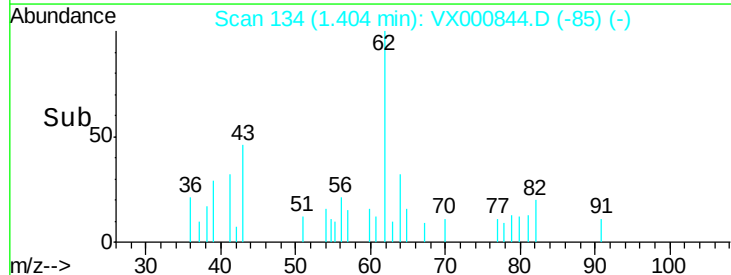
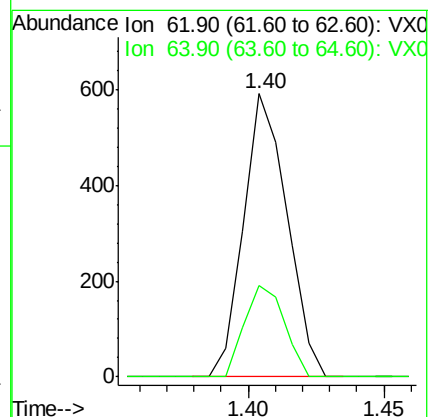
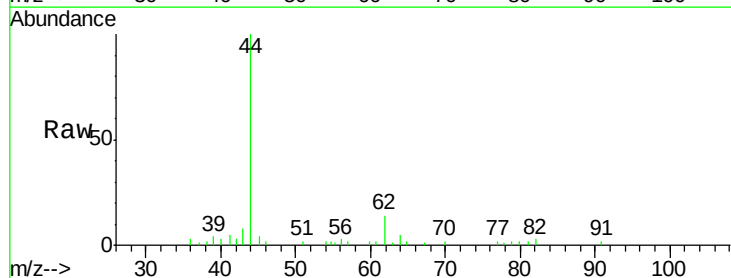
Acq: 13 Apr 2018 13:01

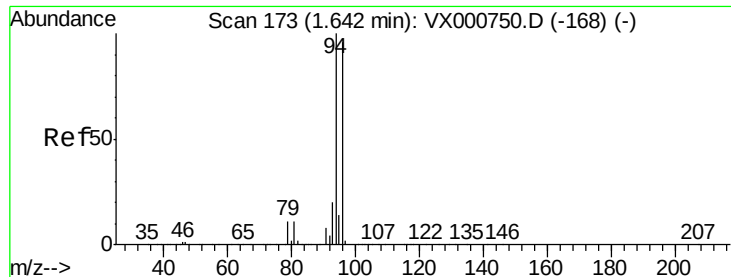
Tgt Ion: 62 Resp: 655

Ion Ratio Lower Upper

62 100

64 32.1 24.6 36.8





#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX000844.D

Acq: 13 Apr 2018 13:01

Instrument :

MSVOA_X

ClientSampleId :

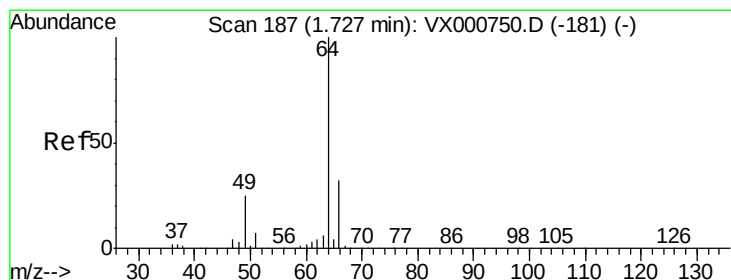
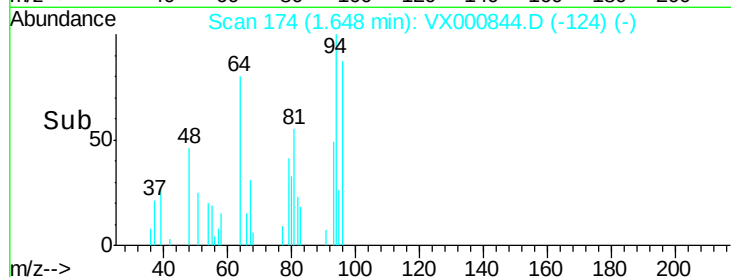
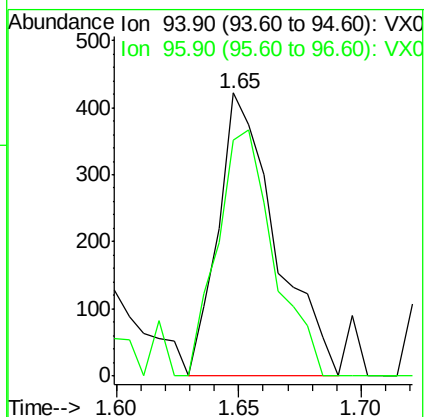
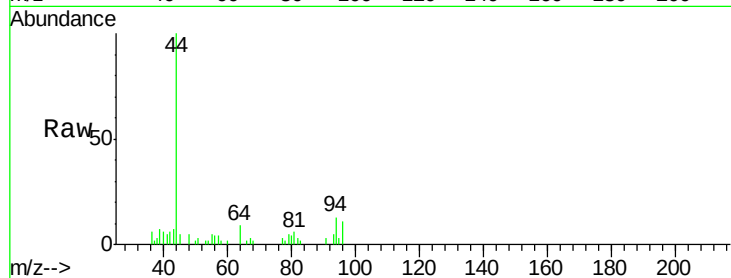
LOD-MDL-WATER-01-QT2-2018

Tgt Ion: 94 Resp: 690

Ion Ratio Lower Upper

94 100

96 83.2 77.0 115.6



#6

Chloroethane

Concen: 2.47 ug/l

RT: 1.73 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX000844.D

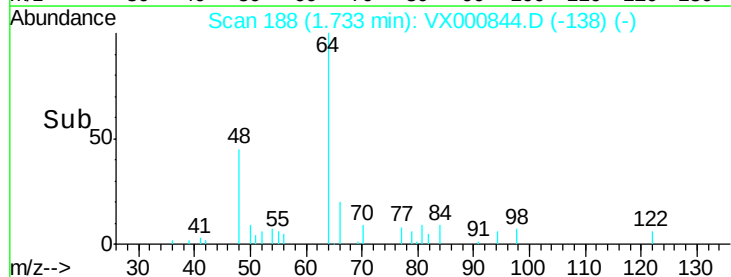
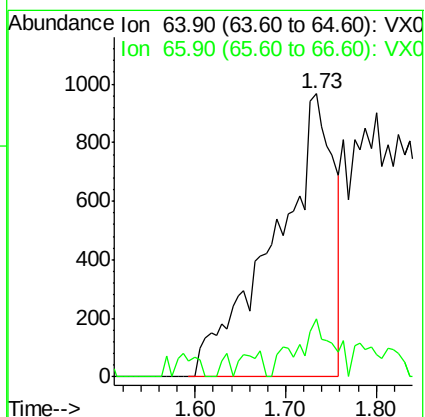
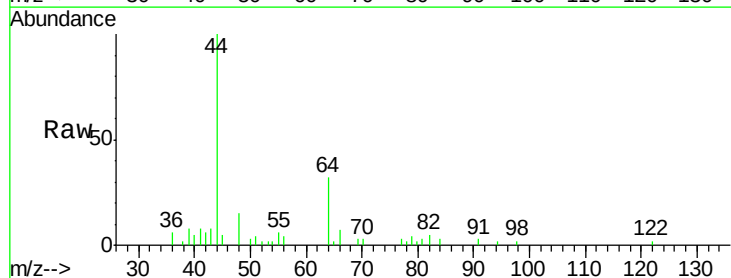
Acq: 13 Apr 2018 13:01

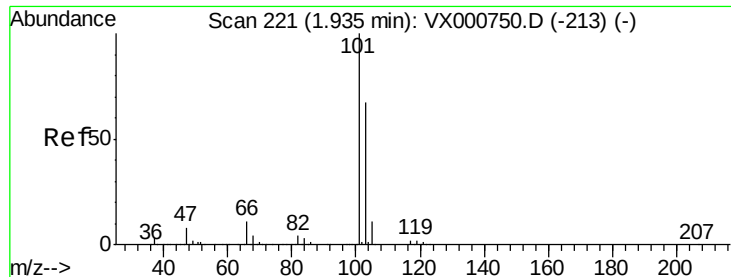
Tgt Ion: 64 Resp: 4362

Ion Ratio Lower Upper

64 100

66 14.8 25.3 37.9#



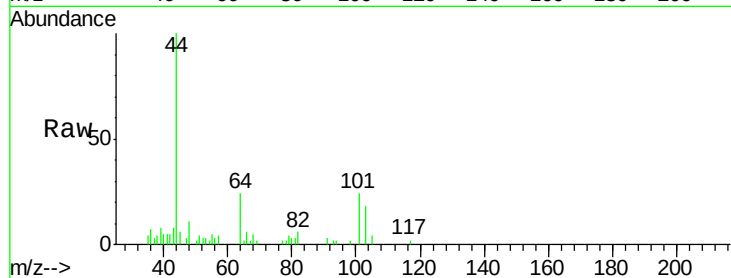


#7

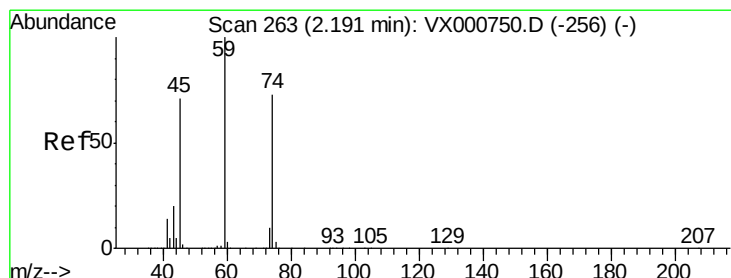
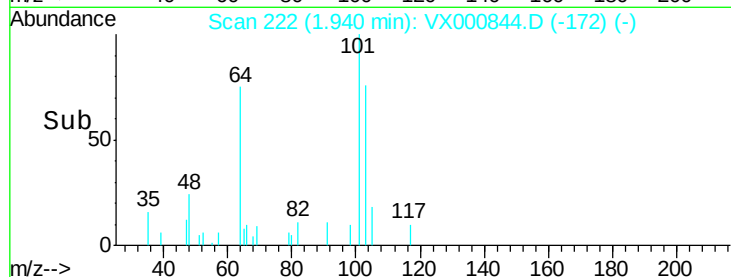
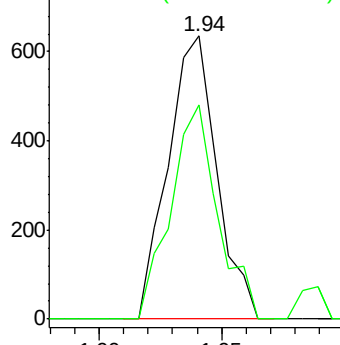
Trichlorofluoromethane
 Concen: 0.20 ug/l
 RT: 1.94 min Scan# 222
 Delta R.T. 0.01 min
 Lab File: VX000844.D
 Acq: 13 Apr 2018 13:01

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

Tgt Ion: 101 Resp: 879
 Ion Ratio Lower Upper
 101 100
 103 75.6 53.2 79.8



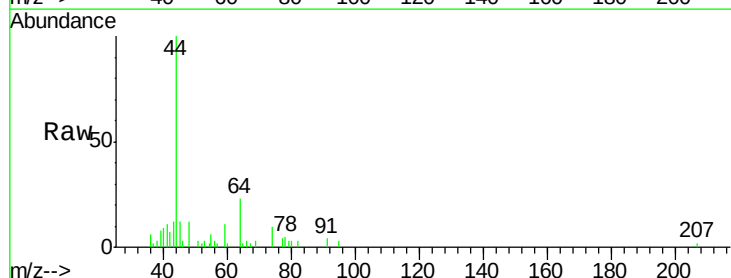
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



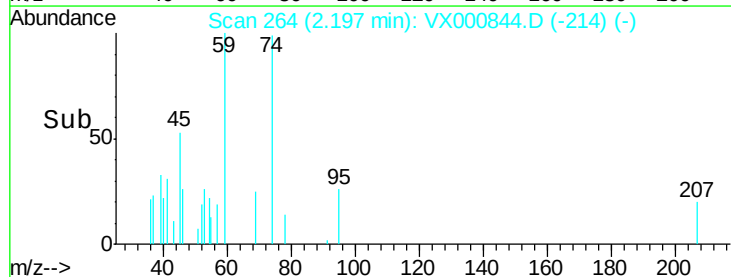
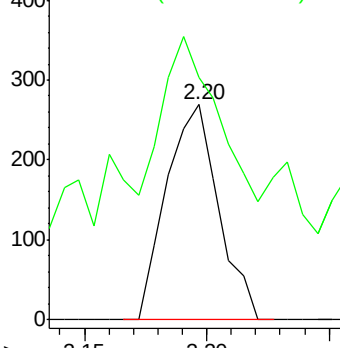
#8

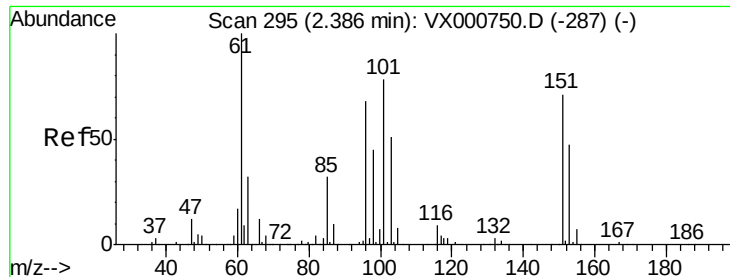
Diethyl Ether
 Concen: 0.24 ug/l
 RT: 2.20 min Scan# 264
 Delta R.T. 0.01 min
 Lab File: VX000844.D
 Acq: 13 Apr 2018 13:01

Tgt Ion: 74 Resp: 398
 Ion Ratio Lower Upper
 74 100
 45 115.3 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: 0.23 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX000844.D

Acq: 13 Apr 2018 13:01

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2018

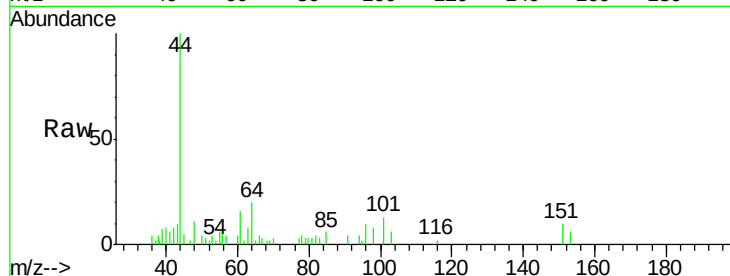
Tgt Ion:101 Resp: 600

Ion Ratio Lower Upper

101 100

85 52.3 34.0 51.0#

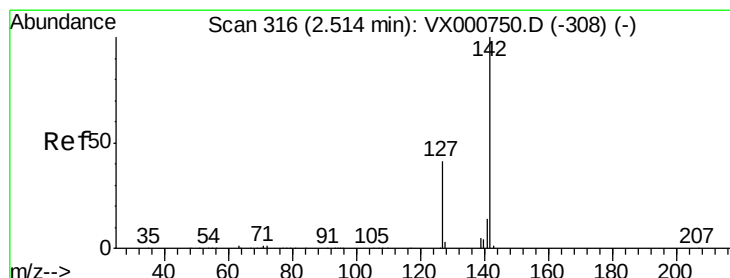
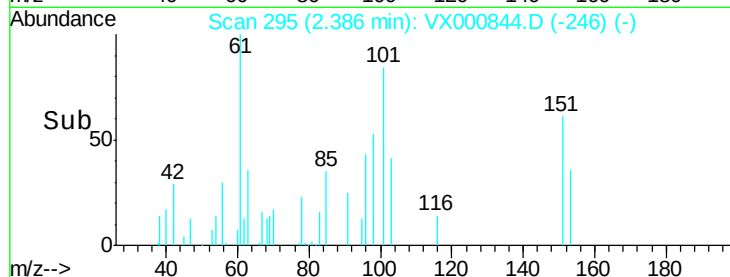
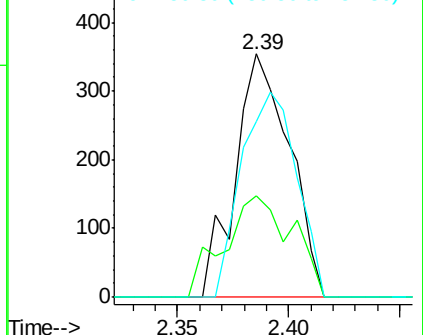
151 86.2 75.8 113.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 8.45 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX000844.D

Acq: 13 Apr 2018 13:01

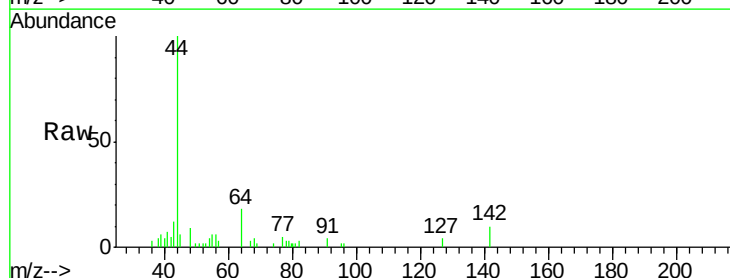
Tgt Ion:142 Resp: 537

Ion Ratio Lower Upper

142 100

127 33.5 32.6 49.0

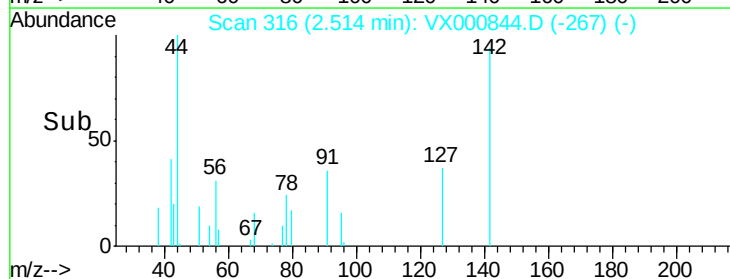
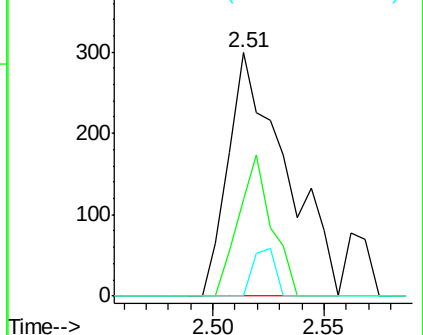
141 7.6 11.5 17.3#

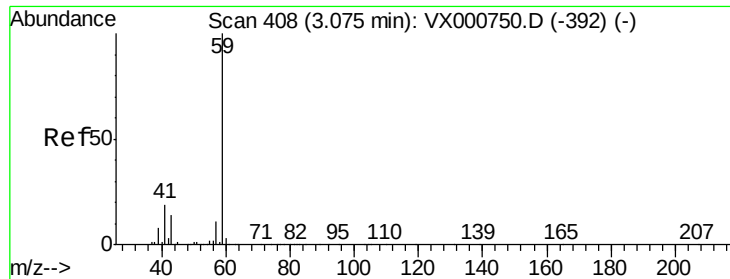


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



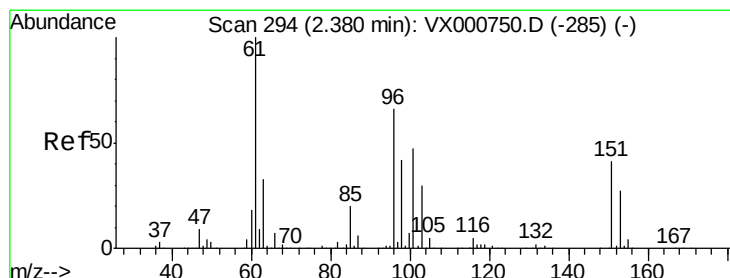
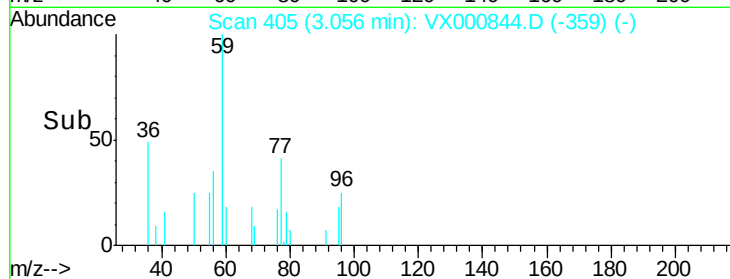
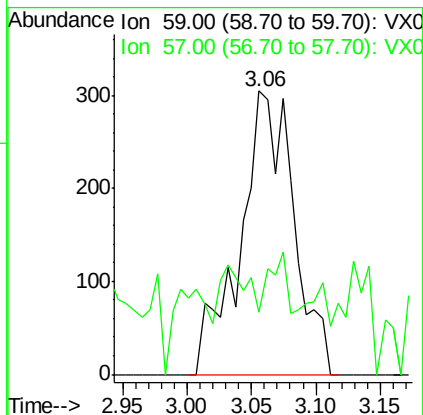
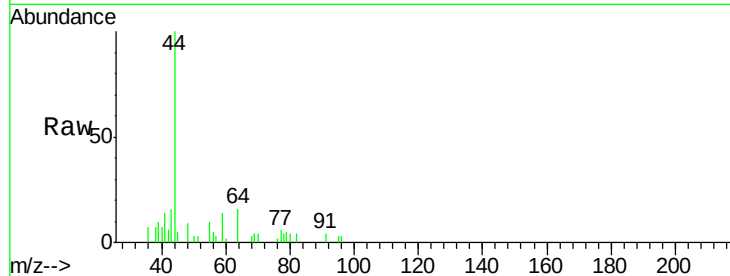


#11

Tert butyl alcohol
 Concen: 1.46 ug/l
 RT: 3.06 min Scan# 405
 Delta R.T. -0.02 min
 Lab File: VX000844.D
 Acq: 13 Apr 2018 13:01

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

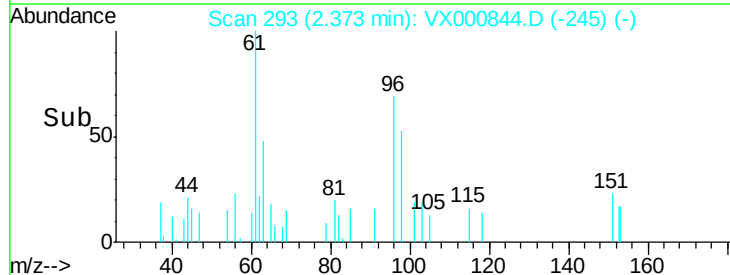
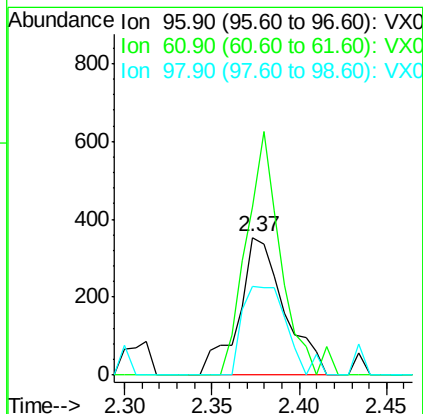
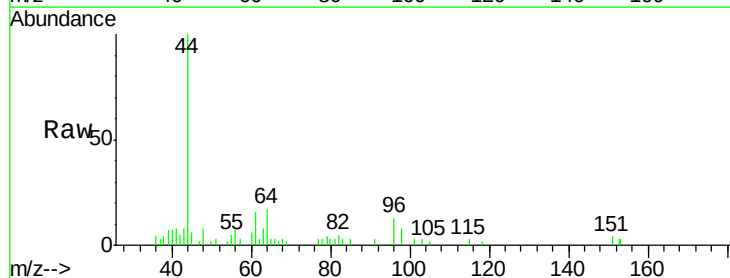
Tgt Ion: 59 Resp: 876
 Ion Ratio Lower Upper
 59 100
 57 13.2 8.4 12.6#

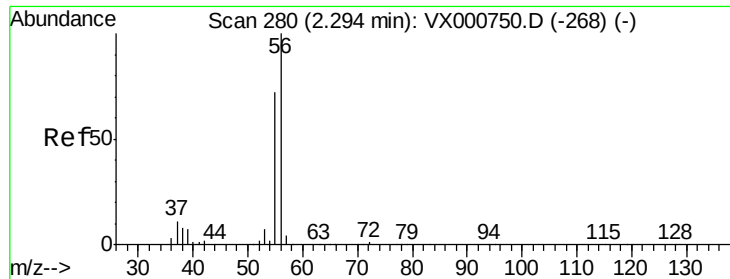


#12

1,1-Dichloroethene
 Concen: 0.26 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. -0.01 min
 Lab File: VX000844.D
 Acq: 13 Apr 2018 13:01

Tgt Ion: 96 Resp: 639
 Ion Ratio Lower Upper
 96 100
 61 122.4 120.5 180.7
 98 64.3 50.9 76.3





#13

Acrolein

Concen: 1.49 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: VX000844.D

Acq: 13 Apr 2018 13:01

Instrument :

MSVOA_X

ClientSampleId :

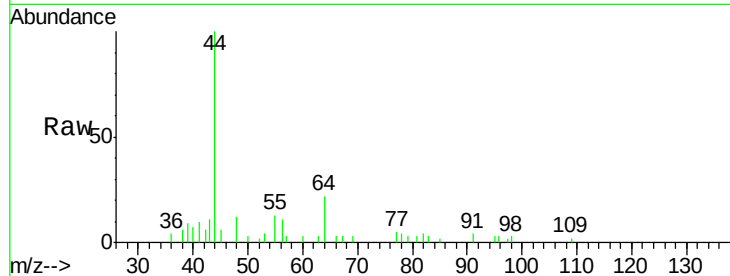
LOD-MDL-WATER-01-QT2-2018

Tgt Ion: 56 Resp: 434

Ion Ratio Lower Upper

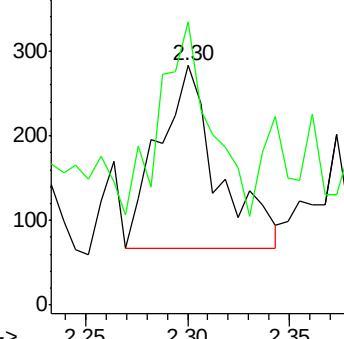
56 100

55 88.2 58.7 88.1#

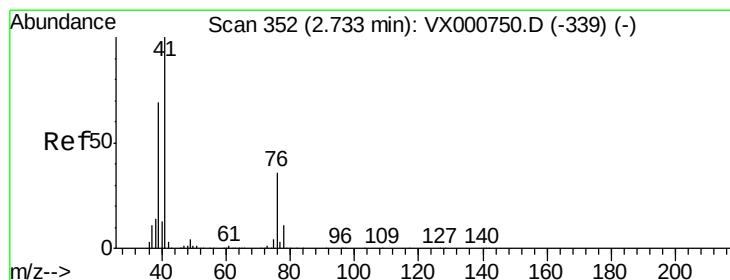
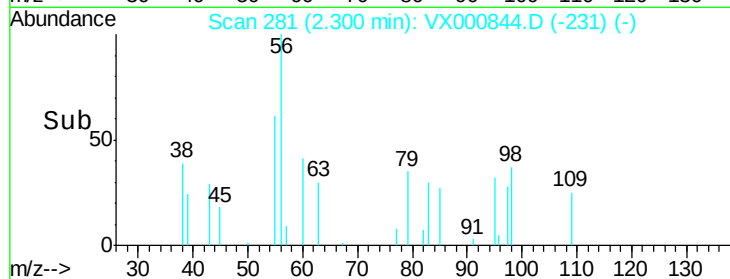


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



Time-->



#14

Allyl chloride

Concen: 0.29 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.01 min

Lab File: VX000844.D

Acq: 13 Apr 2018 13:01

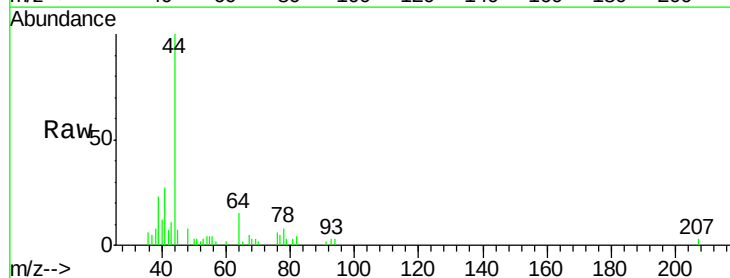
Tgt Ion: 41 Resp: 1327

Ion Ratio Lower Upper

41 100

39 70.1 51.5 77.3

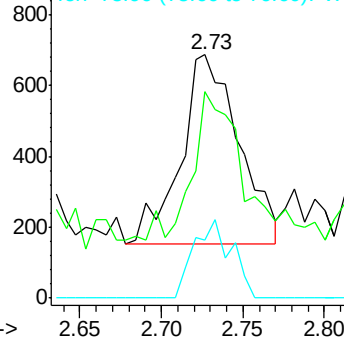
76 26.8 26.5 39.7



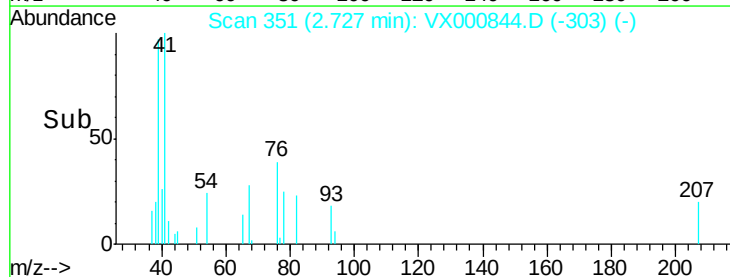
Abundance Ion 41.00 (40.70 to 41.70): VX0

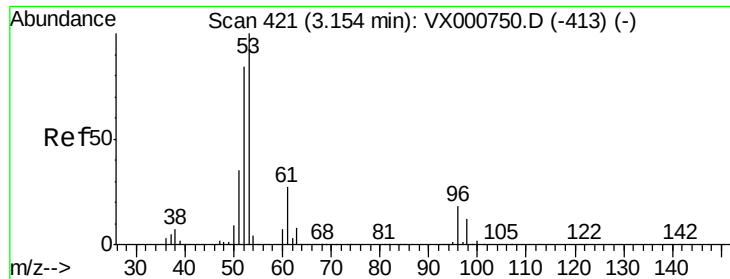
Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0



Time-->

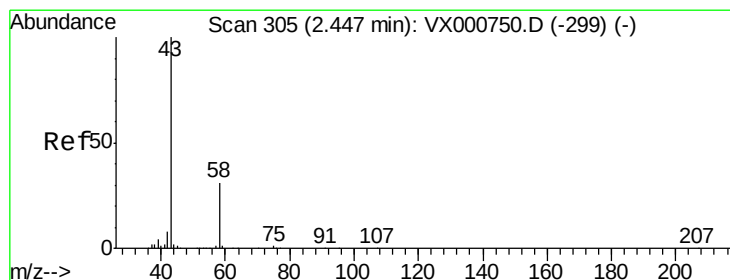
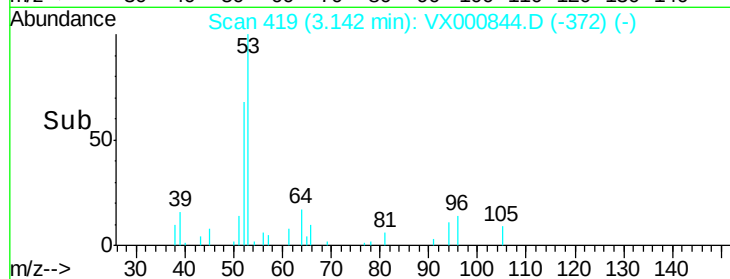
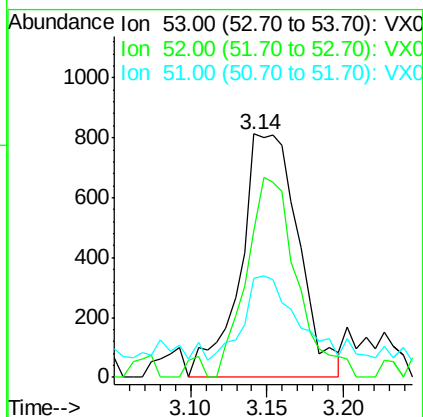
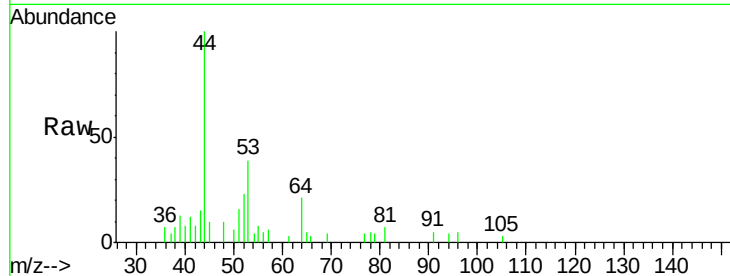




#15
 Acrylonitrile
 Concen: 1.69 ug/l
 RT: 3.14 min Scan# 419
 Delta R.T. -0.01 min
 Lab File: VX000844.D
 Acq: 13 Apr 2018 13:01

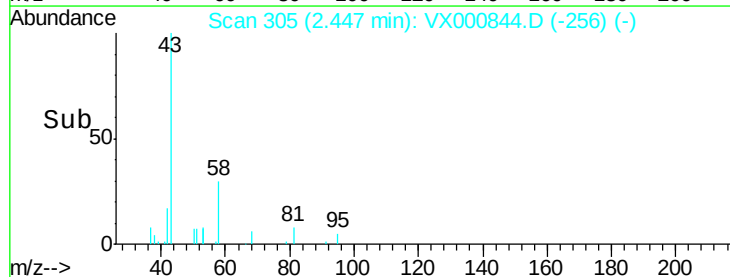
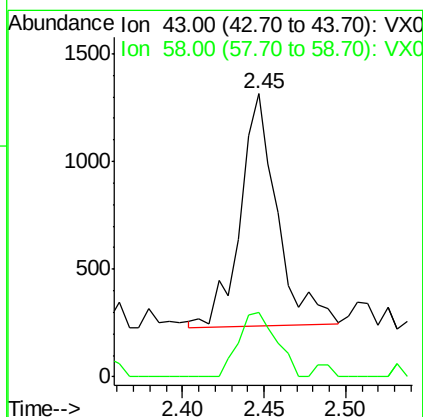
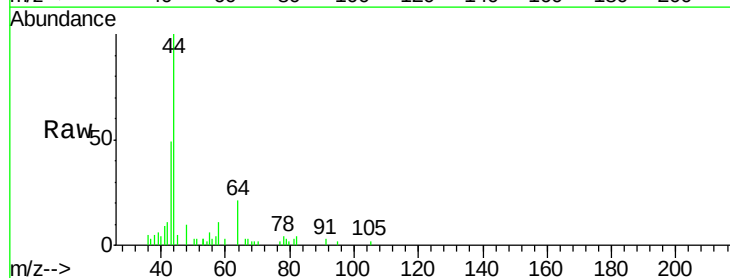
Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2018

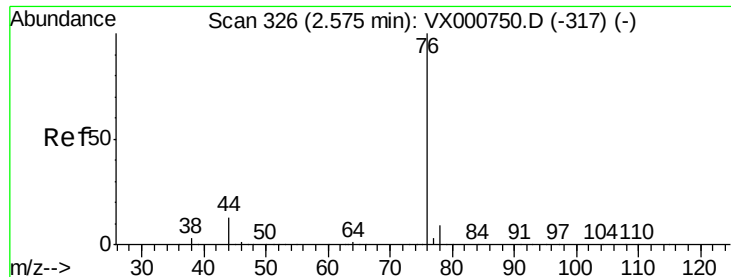
Tgt Ion: 53 Resp: 2153
 Ion Ratio Lower Upper
 53 100
 52 71.1 66.5 99.7
 51 31.0 28.8 43.2



#16
 Acetone
 Concen: 1.47 ug/l
 RT: 2.45 min Scan# 305
 Delta R.T. -0.00 min
 Lab File: VX000844.D
 Acq: 13 Apr 2018 13:01

Tgt Ion: 43 Resp: 1705
 Ion Ratio Lower Upper
 43 100
 58 28.4 24.6 37.0





#17

Carbon Disulfide

Concen: 0.34 ug/l

RT: 2.57 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX000844.D

Acq: 13 Apr 2018 13:01

Instrument :

MSVOA_X

ClientSampleId :

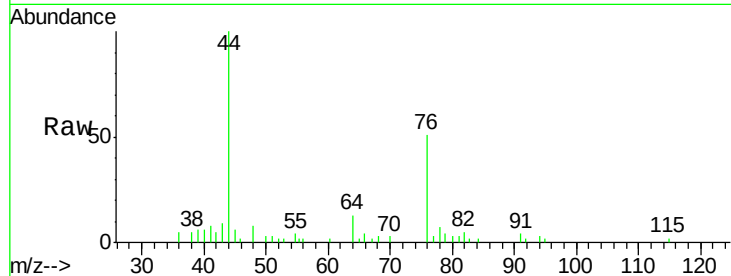
LOD-MDL-WATER-01-QT2-2018

Tgt Ion: 76 Resp: 2506

Ion Ratio Lower Upper

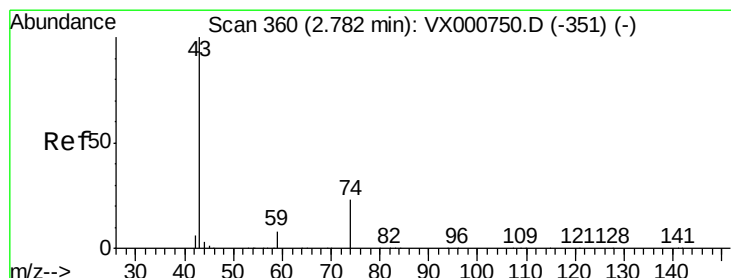
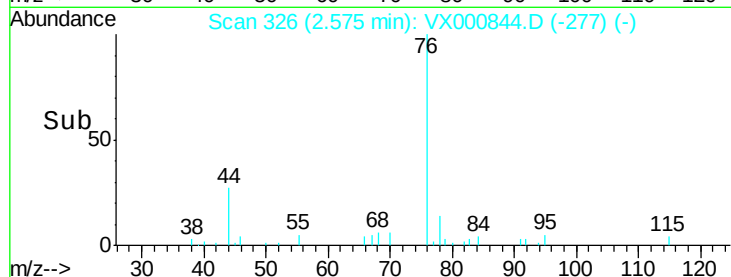
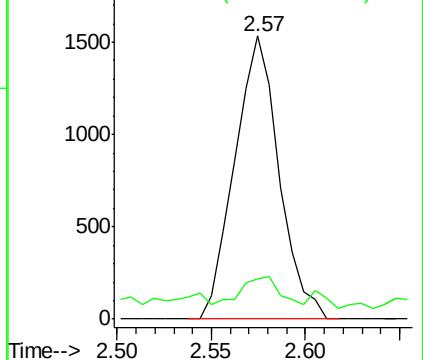
76 100

78 10.8 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 0.38 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.00 min

Lab File: VX000844.D

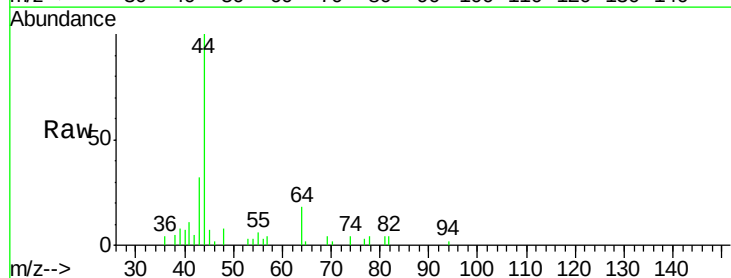
Acq: 13 Apr 2018 13:01

Tgt Ion: 43 Resp: 1156

Ion Ratio Lower Upper

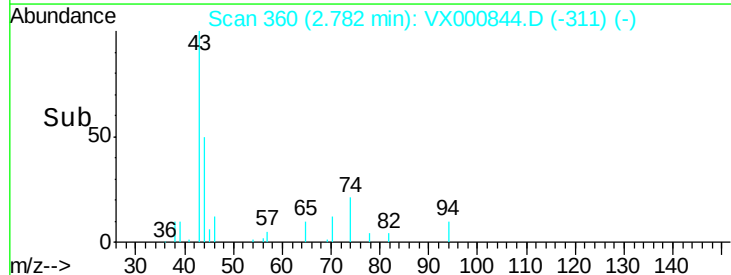
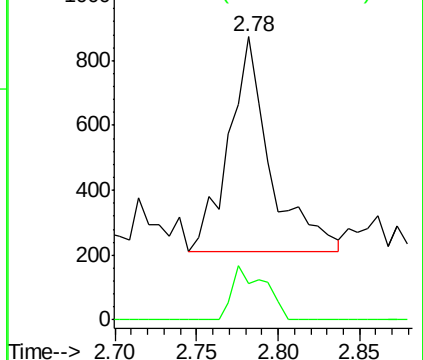
43 100

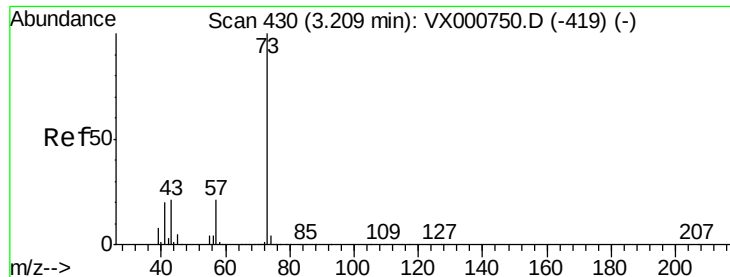
74 20.1 19.1 28.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#19

Methyl tert-butyl Ether

Concen: 0.22 ug/l

RT: 3.21 min Scan# 430

Delta R.T. -0.00 min

Lab File: VX000844.D

Acq: 13 Apr 2018 13:01

Instrument :

MSVOA_X

ClientSampleId :

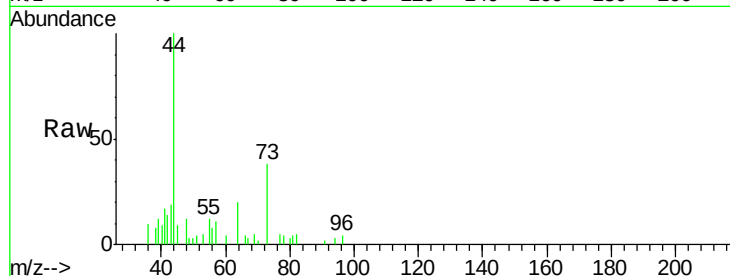
LOD-MDL-WATER-01-QT2-2018

Tgt Ion: 73 Resp: 1818

Ion Ratio Lower Upper

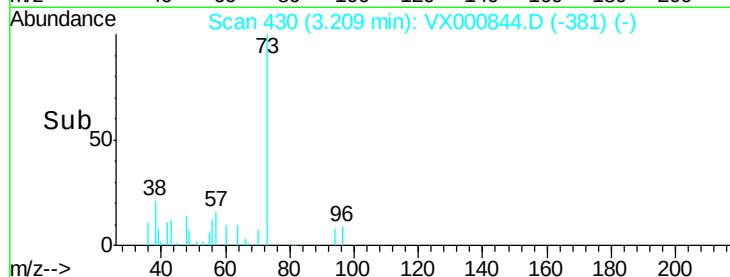
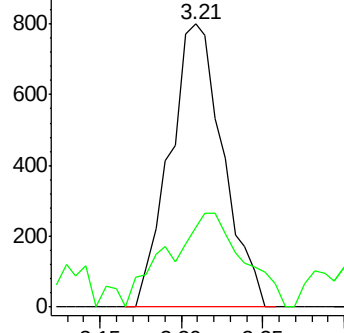
73 100

57 28.3 16.9 25.3#

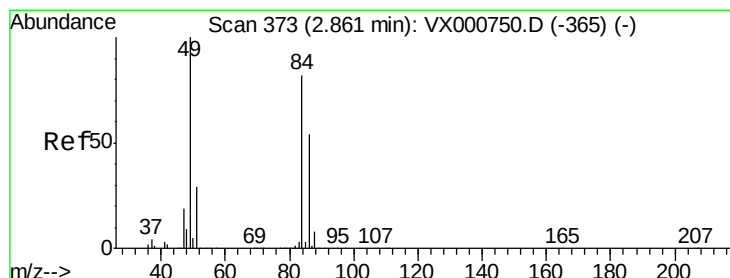


Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



Time-->



#20

Methylene Chloride

Concen: 0.42 ug/l

RT: 2.86 min Scan# 373

Delta R.T. -0.00 min

Lab File: VX000844.D

Acq: 13 Apr 2018 13:01

Tgt Ion: 84 Resp: 1138

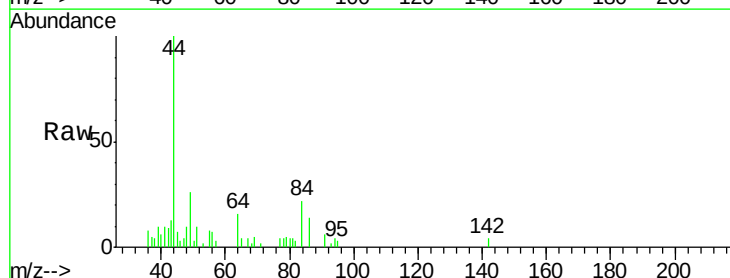
Ion Ratio Lower Upper

84 100

49 122.4 98.1 147.1

51 29.1 28.9 43.3

86 66.5 52.7 79.1

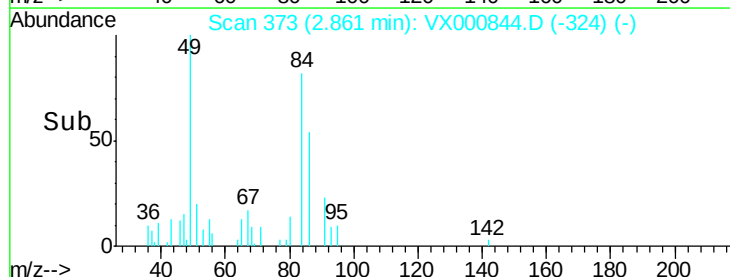
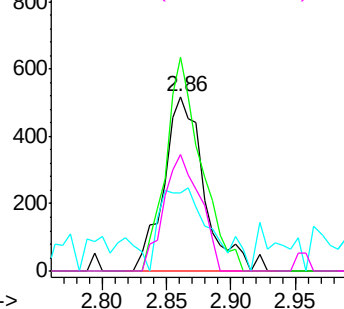


Abundance Ion 83.90 (83.60 to 84.60): VX0

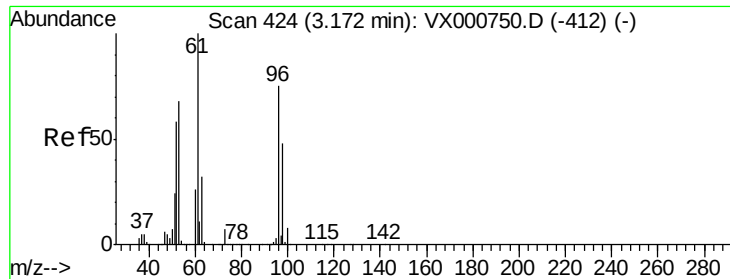
Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0



Time-->



#21

trans-1,2-Dichloroethene

Concen: 0.32 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX000844.D

Acq: 13 Apr 2018 13:01

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2018

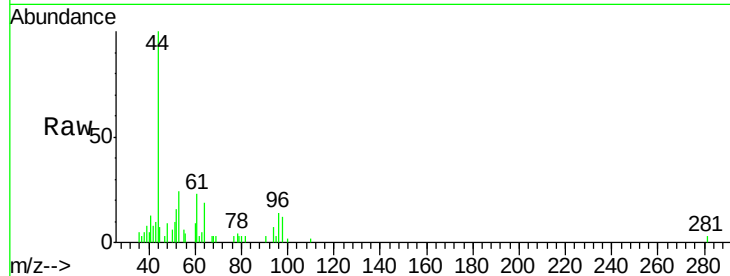
Tgt Ion: 96 Resp: 864

Ion Ratio Lower Upper

96 100

61 164.1 106.2 159.2#

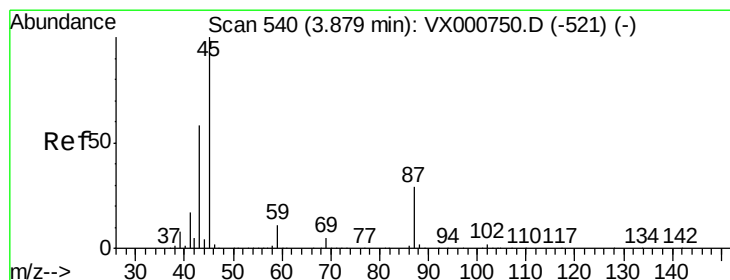
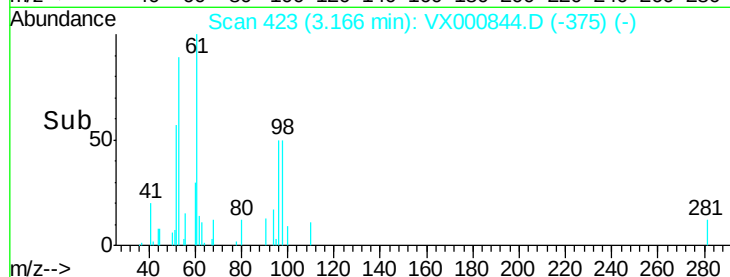
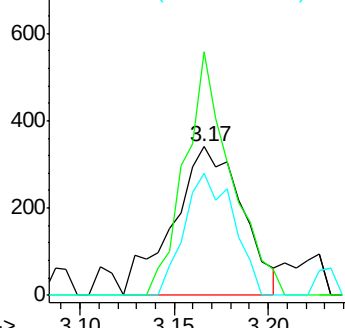
98 82.1 51.2 76.8#



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 0.22 ug/l

RT: 3.89 min Scan# 541

Delta R.T. 0.01 min

Lab File: VX000844.D

Acq: 13 Apr 2018 13:01

Tgt Ion: 45 Resp: 1850

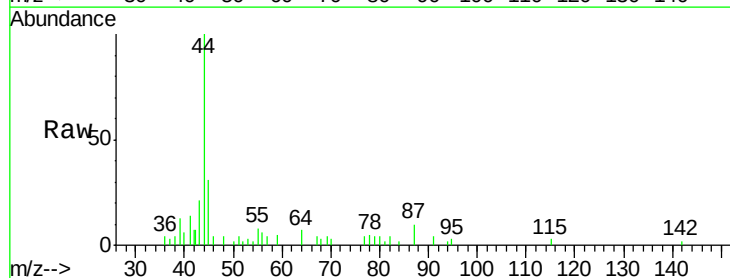
Ion Ratio Lower Upper

45 100

43 3.8 46.6 69.8#

87 38.0 22.9 34.3#

59 20.3 9.2 13.8#

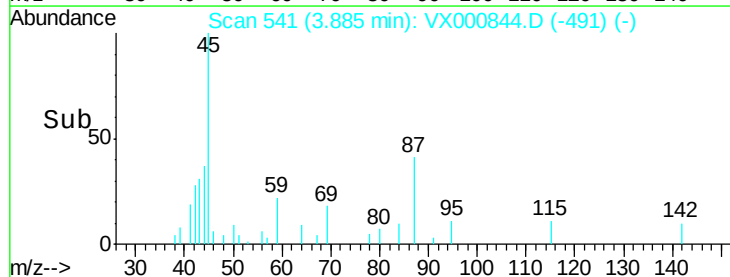
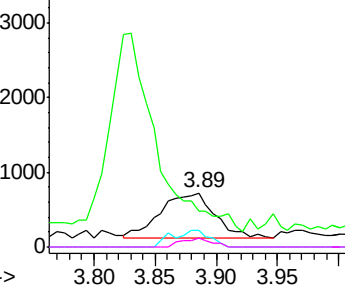


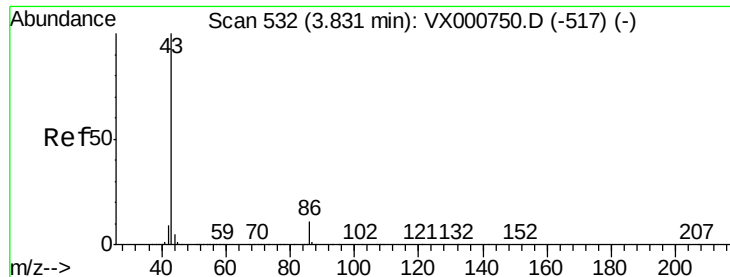
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 1.01 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX000844.D

Acq: 13 Apr 2018 13:01

Instrument :

MSVOA_X

ClientSampleId :

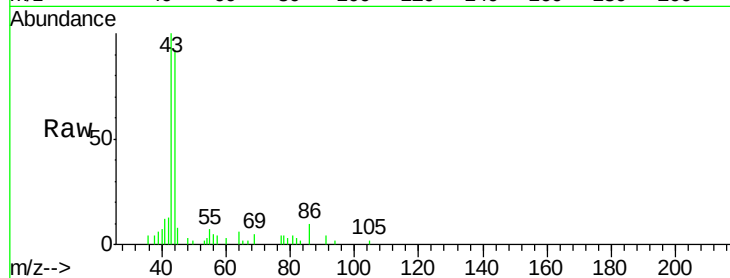
LOD-MDL-WATER-01-QT2-2018

Tgt Ion: 43 Resp: 7423

Ion Ratio Lower Upper

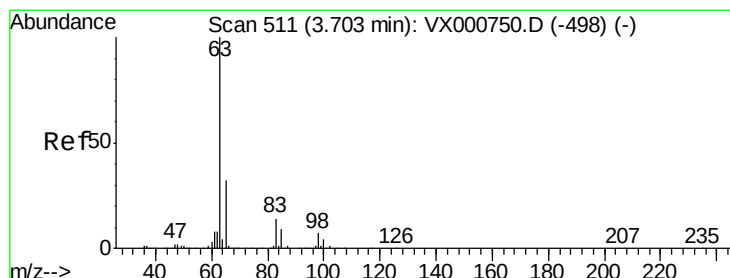
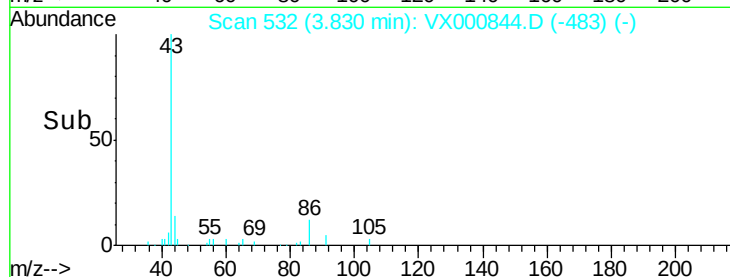
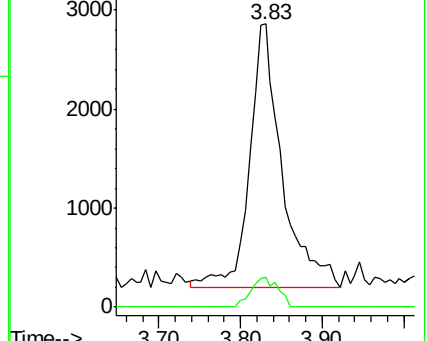
43 100

86 11.1 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: 0.28 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.01 min

Lab File: VX000844.D

Acq: 13 Apr 2018 13:01

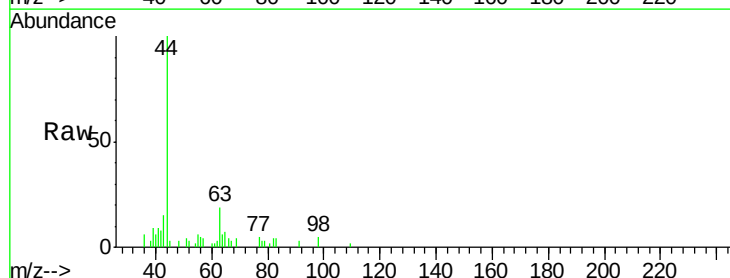
Tgt Ion: 63 Resp: 1300

Ion Ratio Lower Upper

63 100

98 23.7 3.3 9.9#

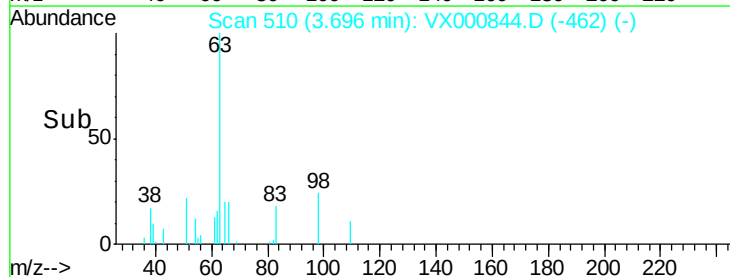
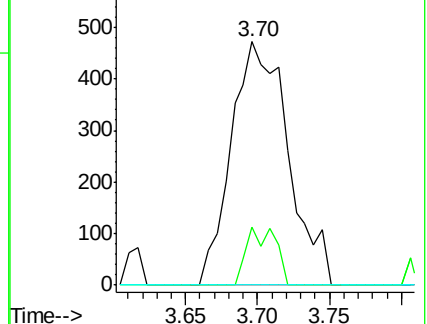
100 0.0 2.1 6.3#

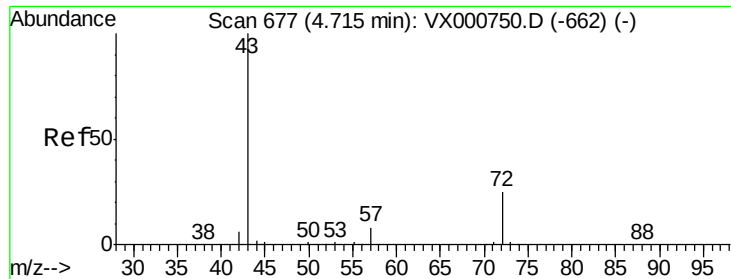


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 1.30 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX000844.D

Acq: 13 Apr 2018 13:01

Instrument :

MSVOA_X

ClientSampleId :

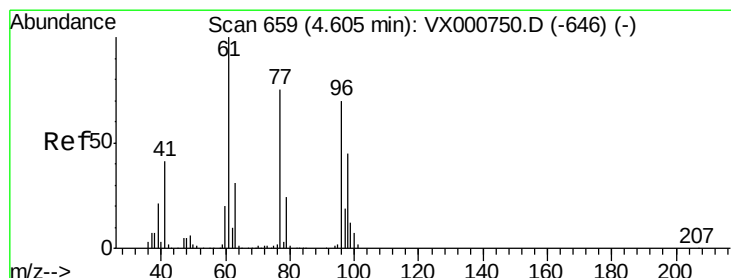
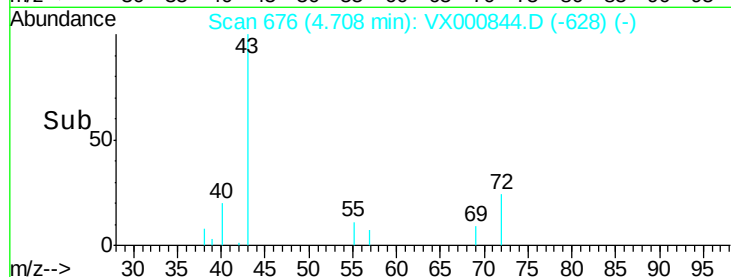
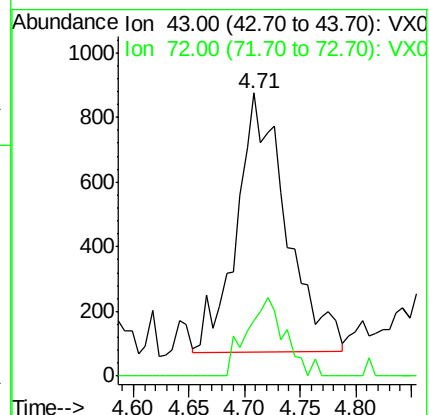
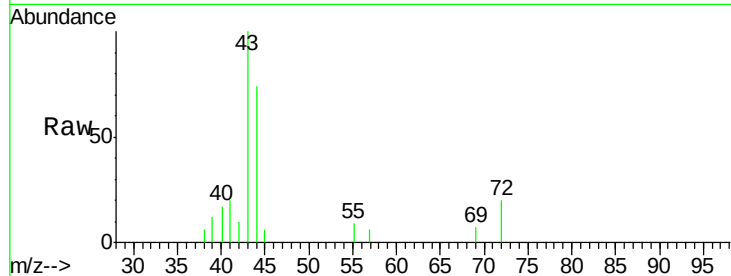
LOD-MDL-WATER-01-QT2-2018

Tgt Ion: 43 Resp: 2493

Ion Ratio Lower Upper

43 100

72 21.6 20.3 30.5



#27

cis-1,2-Dichloroethene

Concen: 0.27 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX000844.D

Acq: 13 Apr 2018 13:01

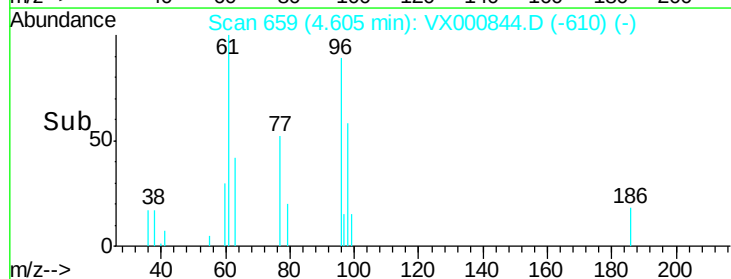
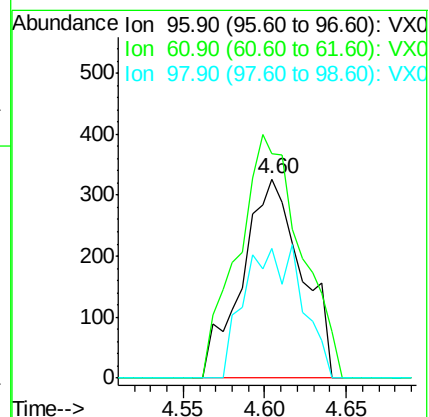
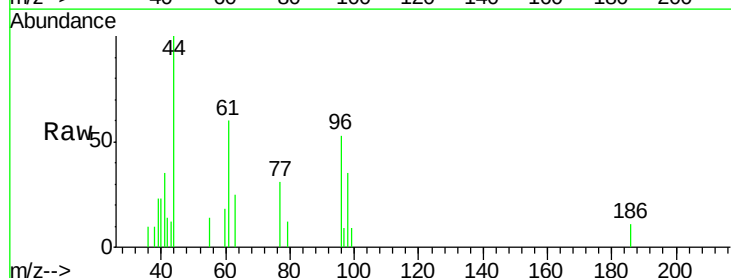
Tgt Ion: 96 Resp: 831

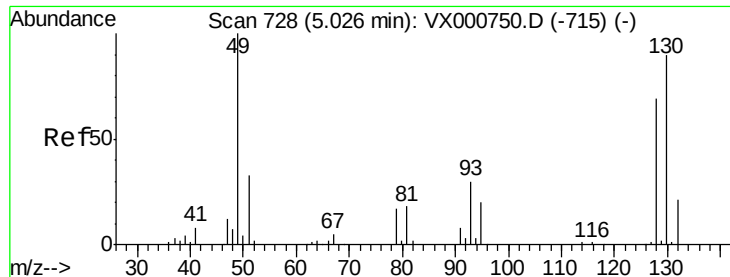
Ion Ratio Lower Upper

96 100

61 129.2 0.0 292.4

98 63.8 0.0 130.2





#28

Bromochloromethane

Concen: 0.23 ug/l

RT: 5.02 min Scan# 727

Delta R.T. -0.01 min

Lab File: VX000844.D

Acq: 13 Apr 2018 13:01

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2018

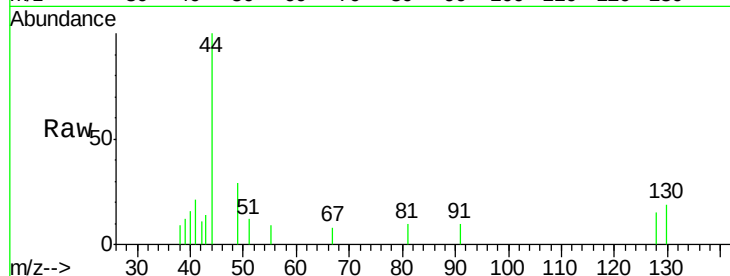
Tgt Ion: 49 Resp: 430

Ion Ratio Lower Upper

49 100

129 0.0 0.0 5.2

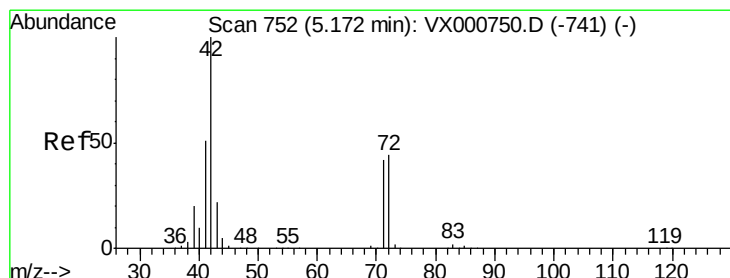
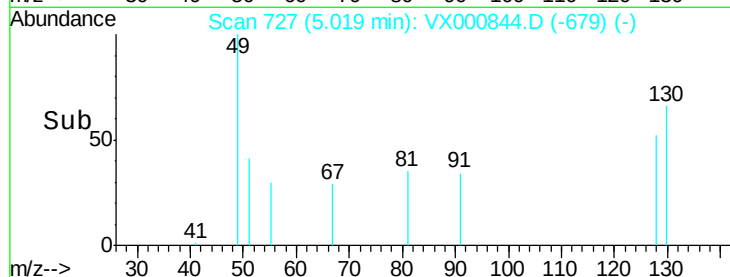
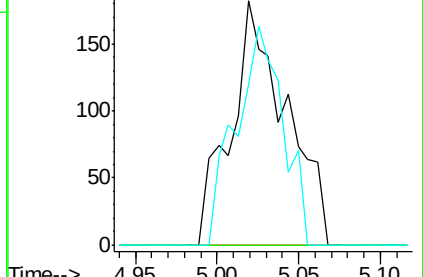
130 77.2 72.6 109.0



Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V



#29

Tetrahydrofuran

Concen: 1.72 ug/l

RT: 5.17 min Scan# 752

Delta R.T. -0.00 min

Lab File: VX000844.D

Acq: 13 Apr 2018 13:01

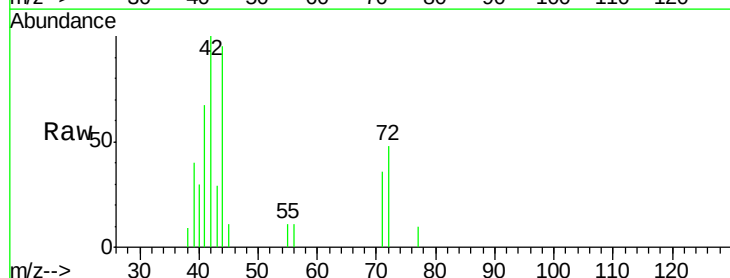
Tgt Ion: 42 Resp: 2101

Ion Ratio Lower Upper

42 100

72 31.1 35.1 52.7#

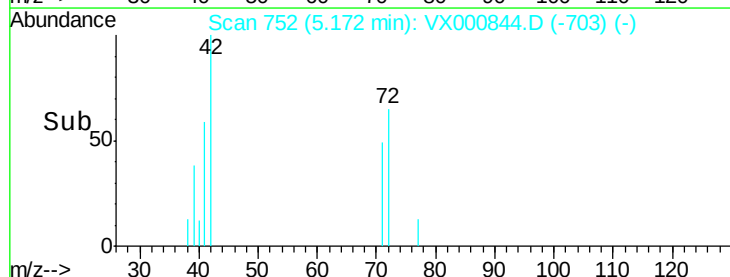
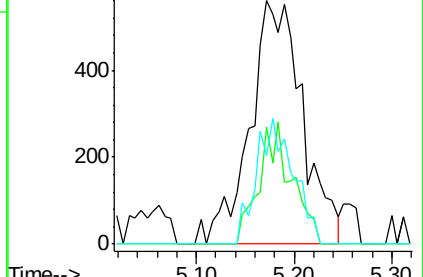
71 36.1 32.8 49.2

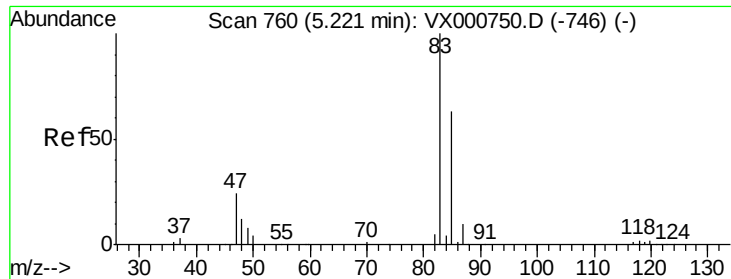


Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0

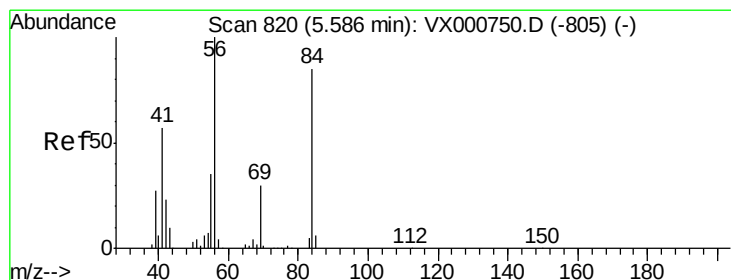
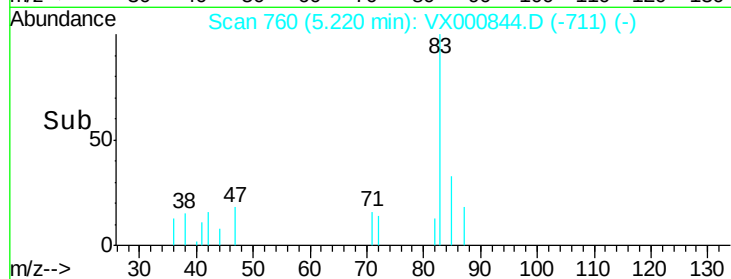
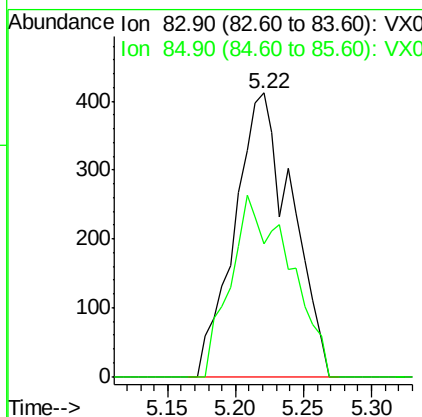
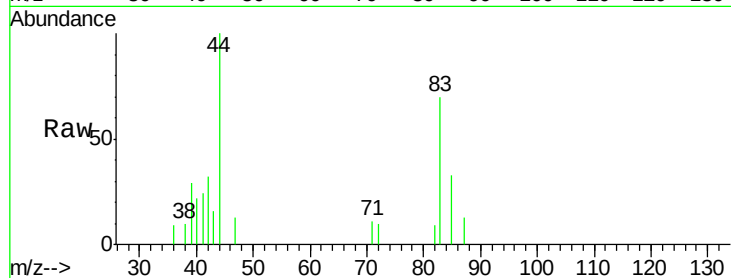




#30
Chloroform
Concen: 0.24 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX000844.D
Acq: 13 Apr 2018 13:01

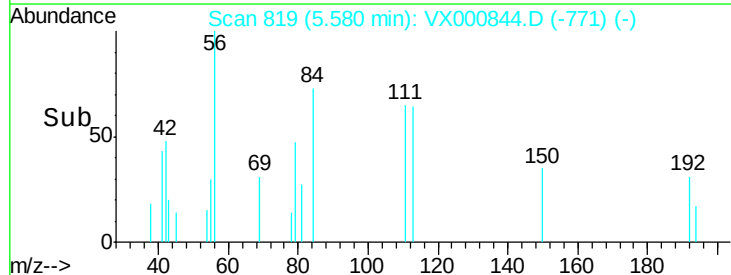
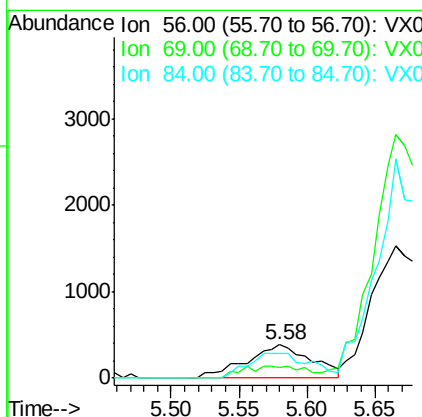
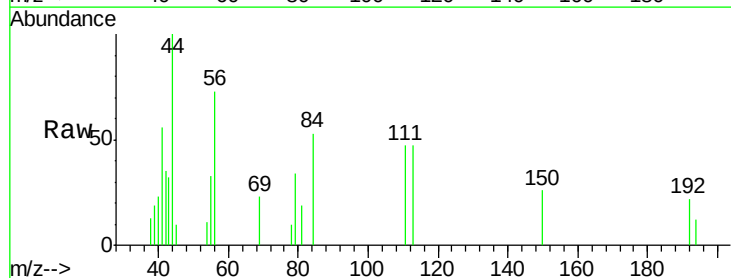
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2018

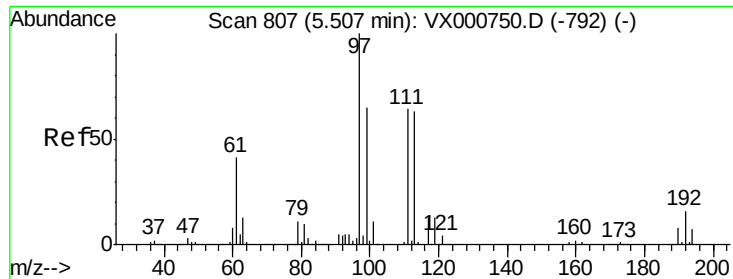
Tgt Ion: 83 Resp: 1207
Ion Ratio Lower Upper
83 100
85 46.6 50.7 76.1#



#31
Cyclohexane
Concen: 0.29 ug/l
RT: 5.58 min Scan# 819
Delta R.T. -0.01 min
Lab File: VX000844.D
Acq: 13 Apr 2018 13:01

Tgt Ion: 56 Resp: 1279
Ion Ratio Lower Upper
56 100
69 31.4 24.2 36.4
84 72.9 67.6 101.4





#32

1,1,1-Trichloroethane

Concen: 0.21 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX000844.D

Acq: 13 Apr 2018 13:01

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2018

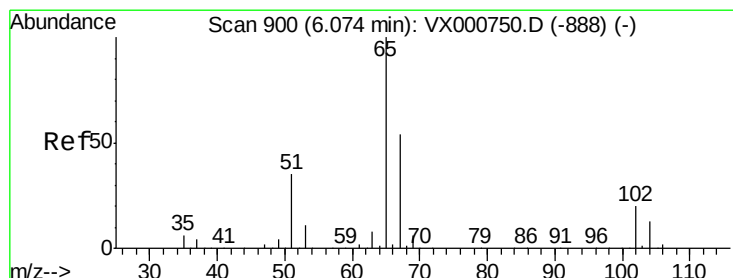
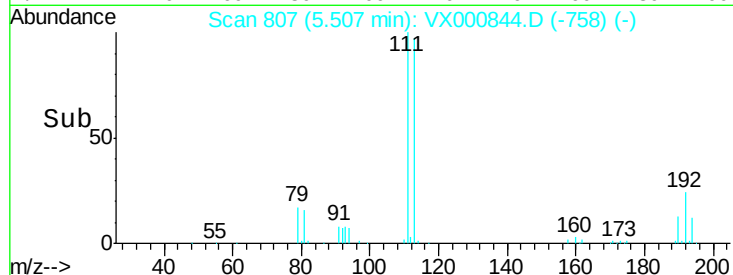
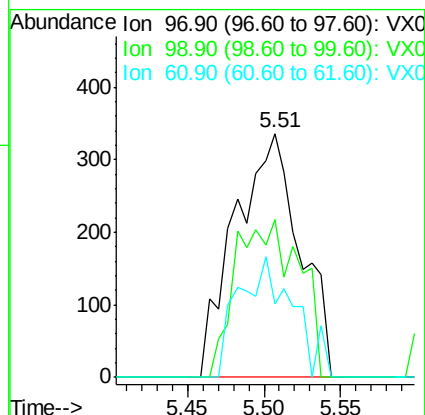
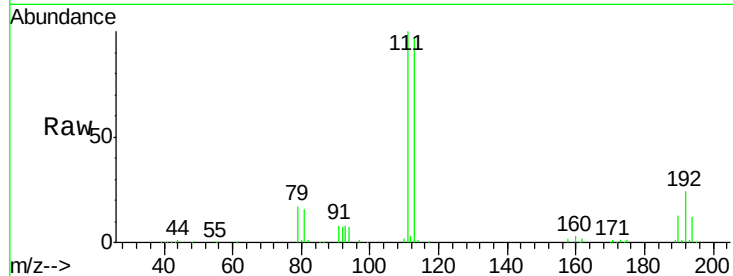
Tgt Ion: 97 Resp: 992

Ion Ratio Lower Upper

97 100

99 0.0 51.4 77.0#

61 41.0 33.7 50.5



#33

1,2-Dichloroethane-d4

Concen: 45.69 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX000844.D

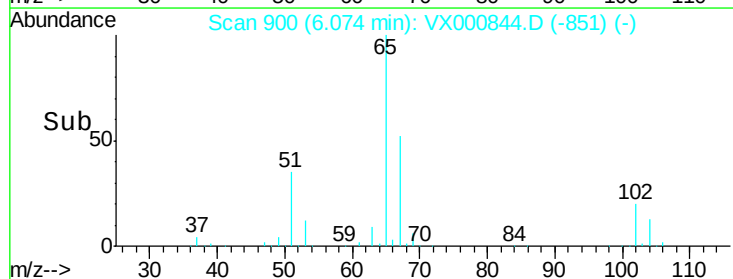
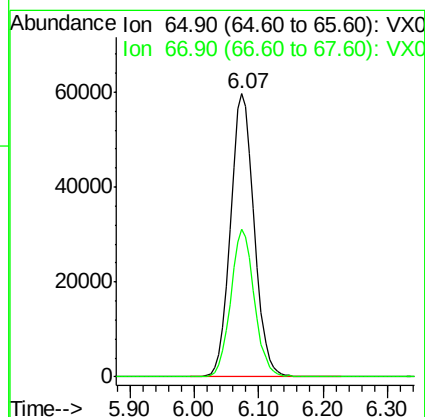
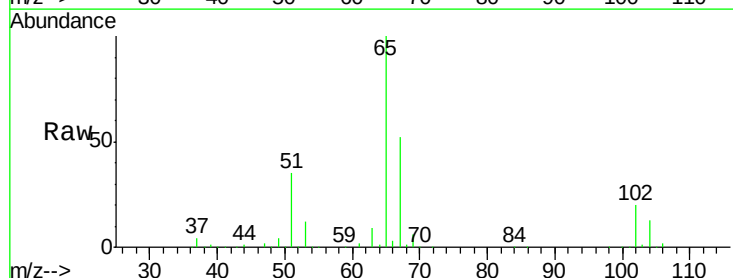
Acq: 13 Apr 2018 13:01

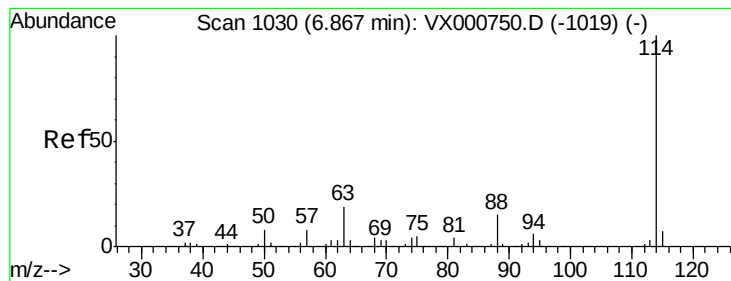
Tgt Ion: 65 Resp: 154113

Ion Ratio Lower Upper

65 100

67 52.0 0.0 103.8





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX000844.D

Acq: 13 Apr 2018 13:01

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2018

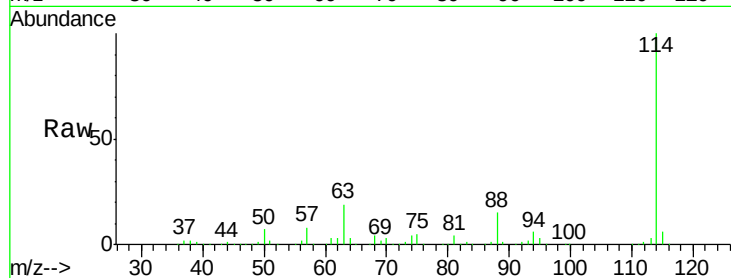
Tgt Ion:114 Resp: 352116

Ion Ratio Lower Upper

114 100

63 19.2 0.0 38.4

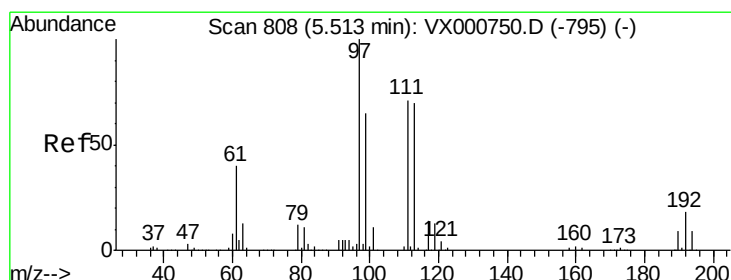
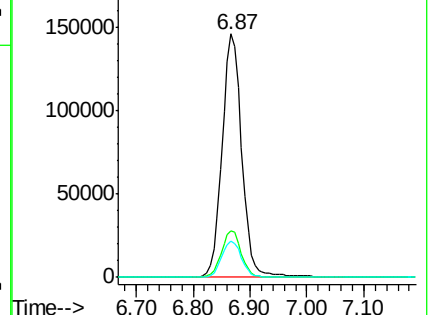
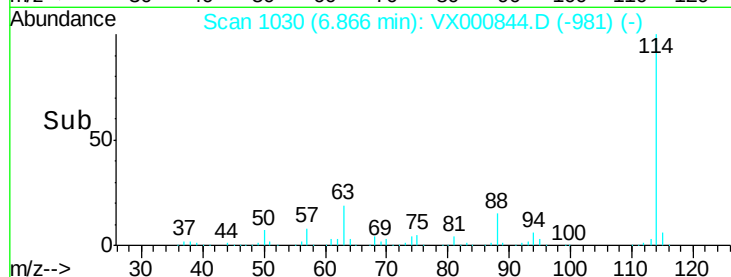
88 14.7 0.0 31.0



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: 46.85 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: VX000844.D

Acq: 13 Apr 2018 13:01

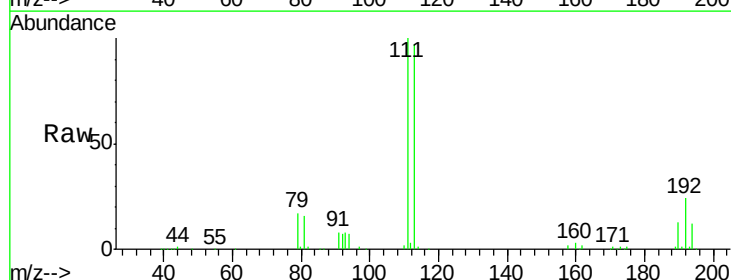
Tgt Ion:113 Resp: 127088

Ion Ratio Lower Upper

113 100

111 101.8 81.5 122.3

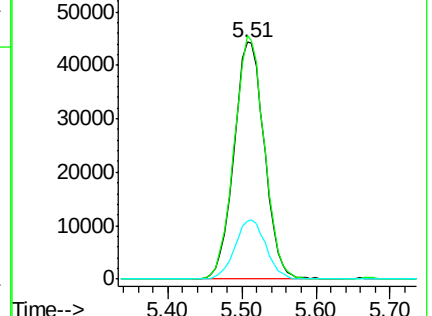
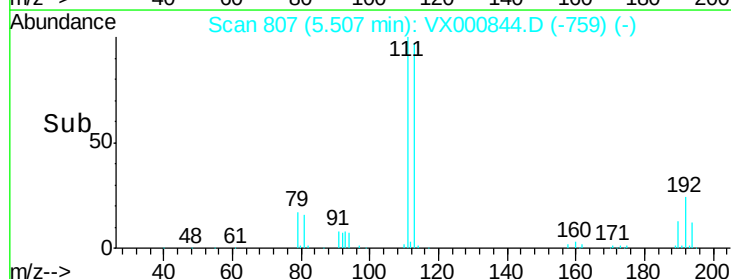
192 25.4 20.4 30.6

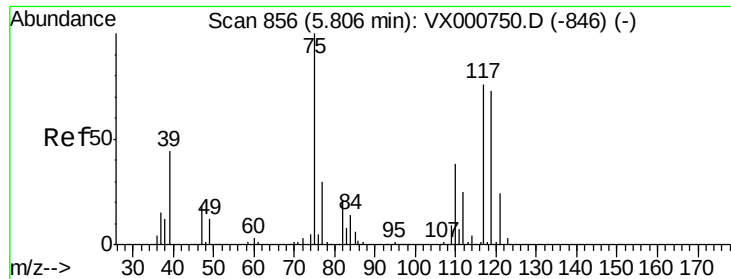


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

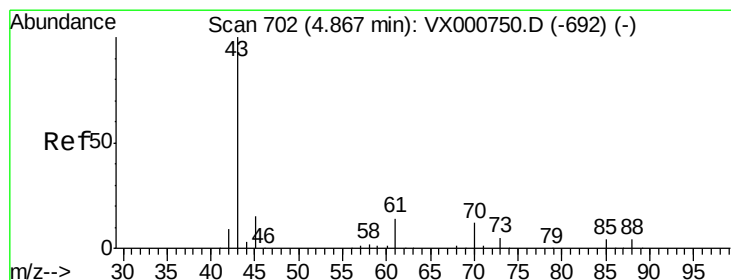
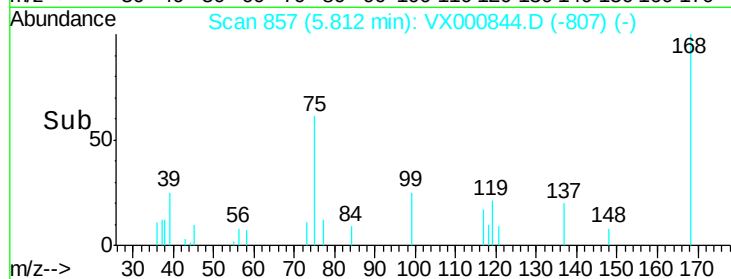
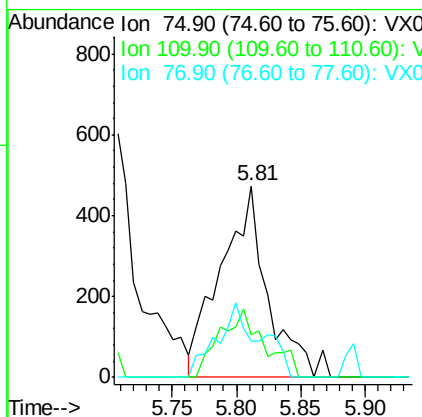
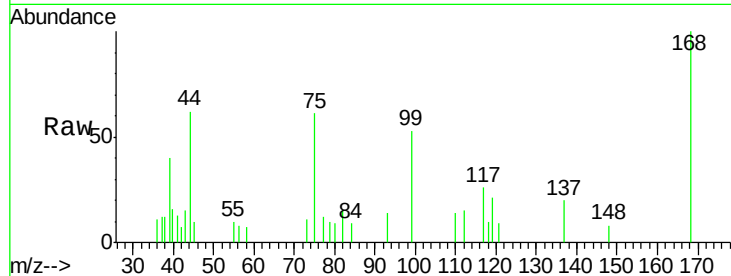




#36
 1,1-Dichloropropene
 Concen: 0.31 ug/l
 RT: 5.81 min Scan# 857
 Delta R.T. 0.01 min
 Lab File: VX000844.D
 Acq: 13 Apr 2018 13:01

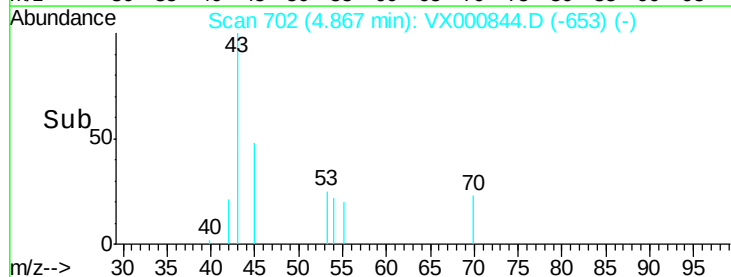
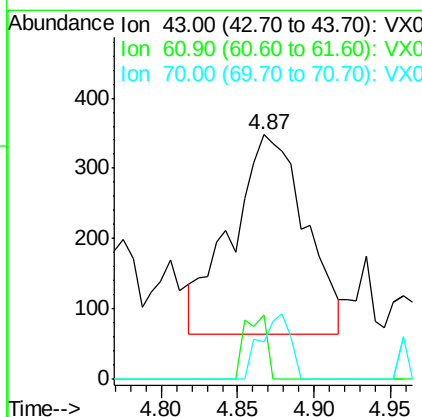
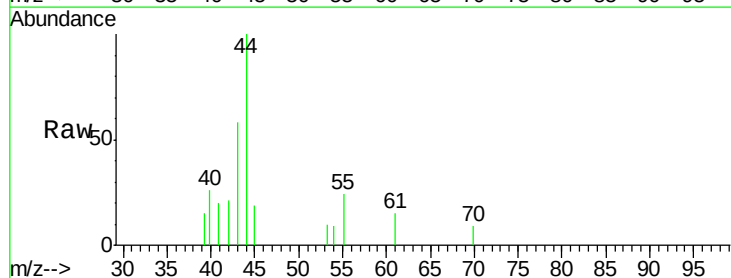
Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2018

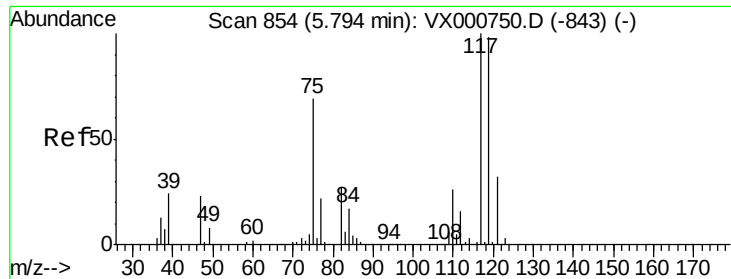
Tgt Ion: 75 Resp: 1202
 Ion Ratio Lower Upper
 75 100
 110 34.3 19.2 57.6
 77 27.5 25.4 38.2



#37
 Ethyl Acetate
 Concen: 0.25 ug/l
 RT: 4.87 min Scan# 702
 Delta R.T. -0.00 min
 Lab File: VX000844.D
 Acq: 13 Apr 2018 13:01

Tgt Ion: 43 Resp: 947
 Ion Ratio Lower Upper
 43 100
 61 9.5 11.0 16.4#
 70 13.2 8.7 13.1#





#38

Carbon Tetrachloride

Concen: 0.28 ug/l

RT: 5.79 min Scan# 854

Delta R.T. -0.00 min

Lab File: VX000844.D

Acq: 13 Apr 2018 13:01

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2018

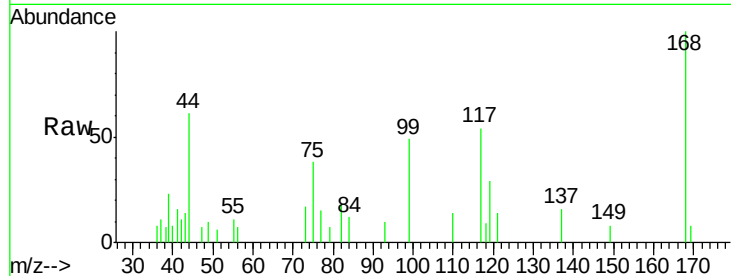
Tgt Ion:117 Resp: 1217

Ion Ratio Lower Upper

117 100

119 54.4 78.4 117.6#

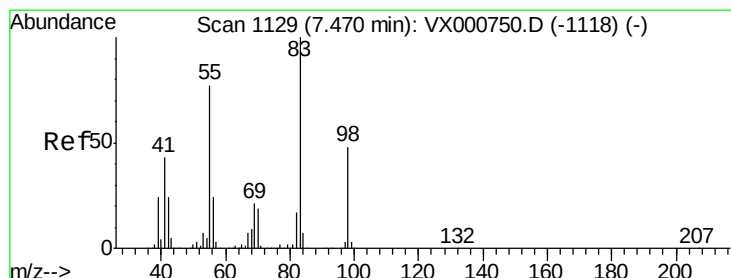
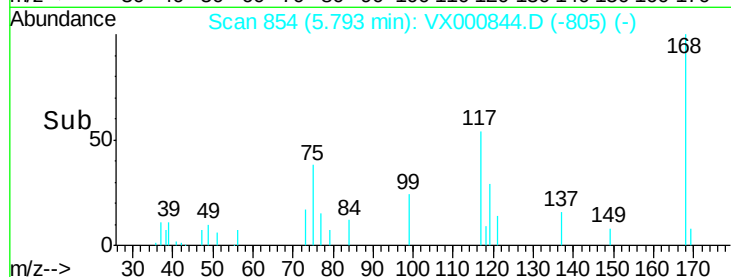
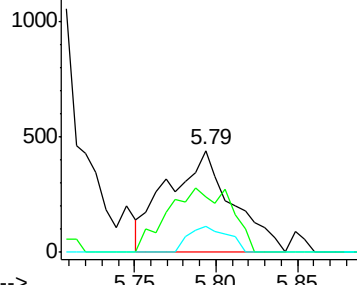
121 25.2 25.4 38.0#



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: 0.21 ug/l

RT: 7.46 min Scan# 1128

Delta R.T. -0.01 min

Lab File: VX000844.D

Acq: 13 Apr 2018 13:01

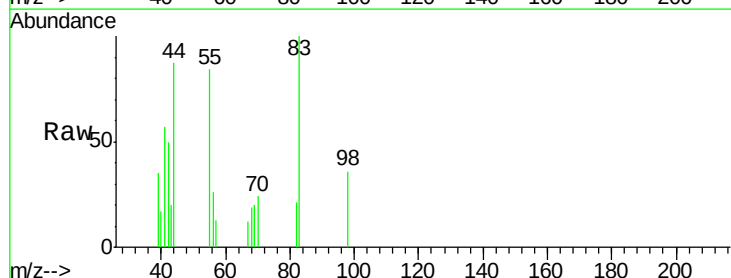
Tgt Ion: 83 Resp: 999

Ion Ratio Lower Upper

83 100

55 72.3 61.5 92.3

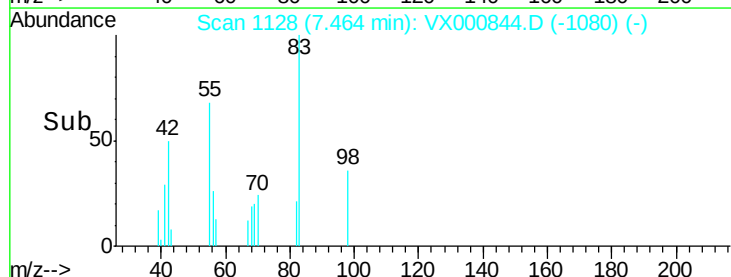
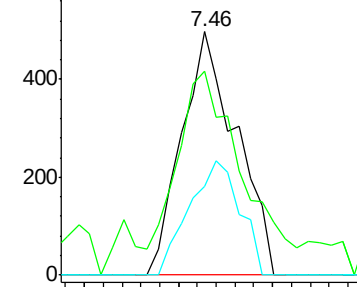
98 36.3 38.1 57.1#

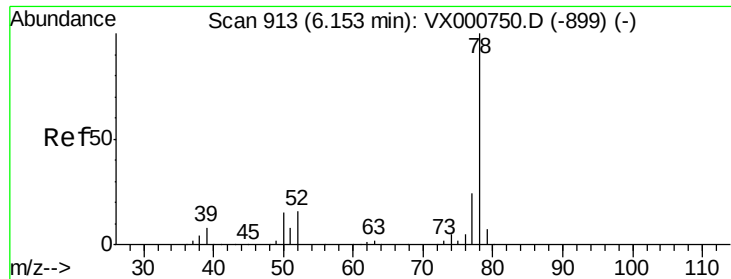


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 0.24 ug/l

RT: 6.15 min Scan# 912

Delta R.T. -0.01 min

Lab File: VX000844.D

Acq: 13 Apr 2018 13:01

Instrument :

MSVOA_X

ClientSampleId :

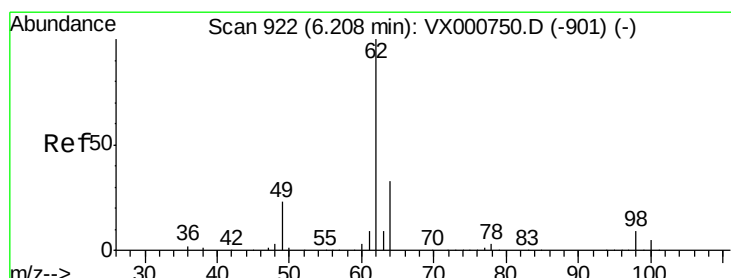
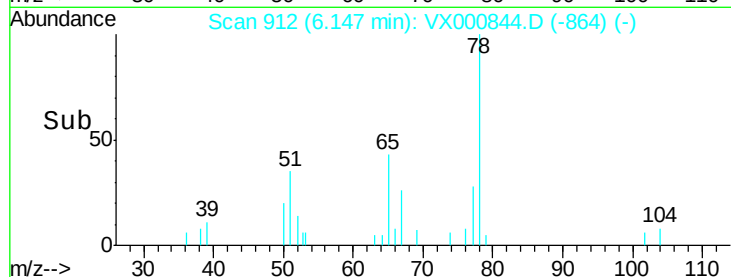
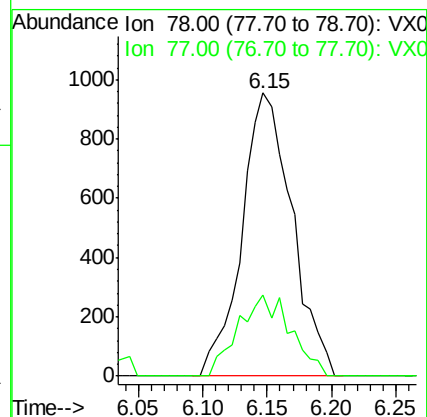
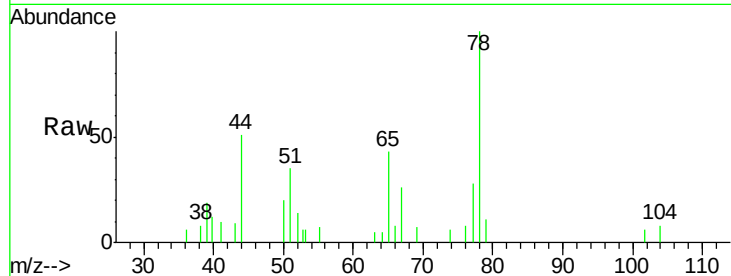
LOD-MDL-WATER-01-QT2-2018

Tgt Ion: 78 Resp: 2578

Ion Ratio Lower Upper

78 100

77 28.5 19.0 28.6



#42

1,2-Dichloroethane

Concen: 0.25 ug/l

RT: 6.21 min Scan# 922

Delta R.T. -0.00 min

Lab File: VX000844.D

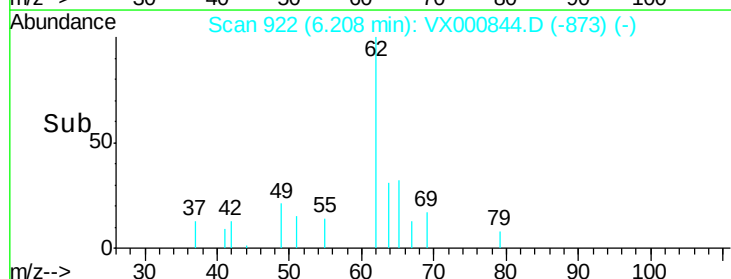
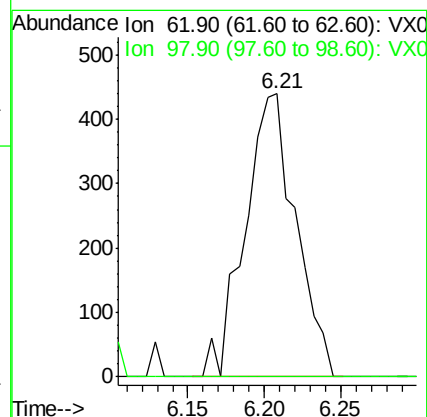
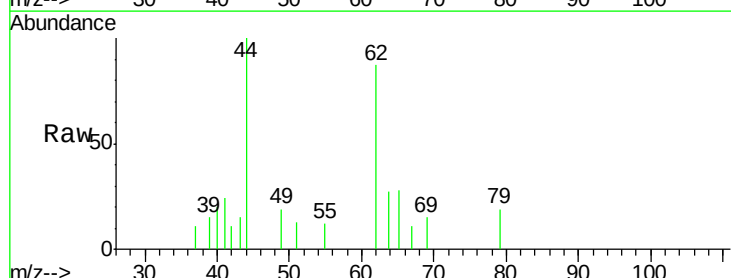
Acq: 13 Apr 2018 13:01

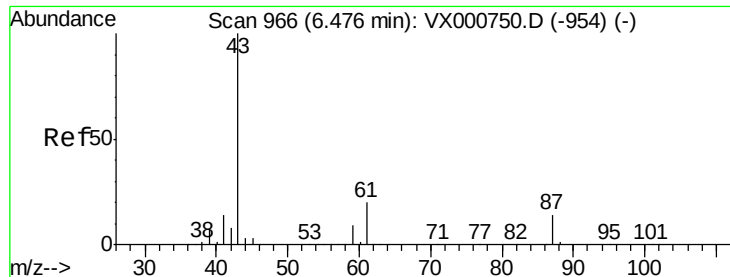
Tgt Ion: 62 Resp: 1010

Ion Ratio Lower Upper

62 100

98 0.0 0.0 18.6





#43

Isopropyl Acetate

Concen: 0.23 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX000844.D

Acq: 13 Apr 2018 13:01

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2018

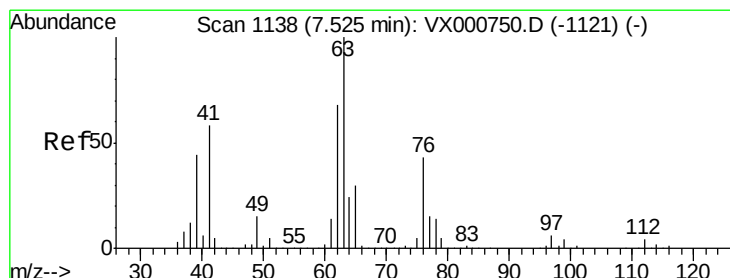
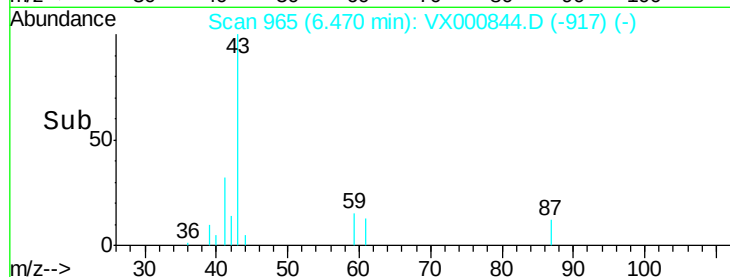
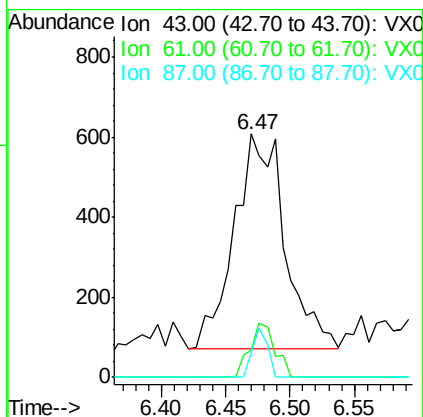
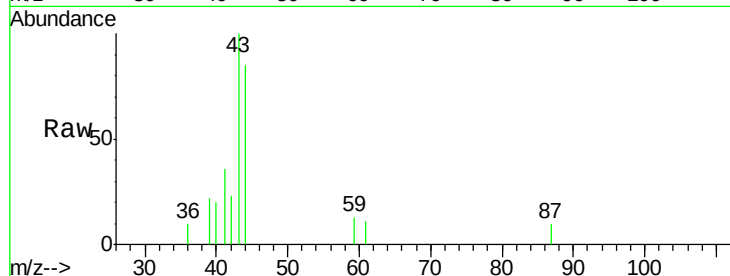
Tgt Ion: 43 Resp: 1476

Ion Ratio Lower Upper

43 100

61 12.2 15.6 23.4#

87 6.6 10.7 16.1#



#45

1,2-Dichloropropane

Concen: 0.22 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VX000844.D

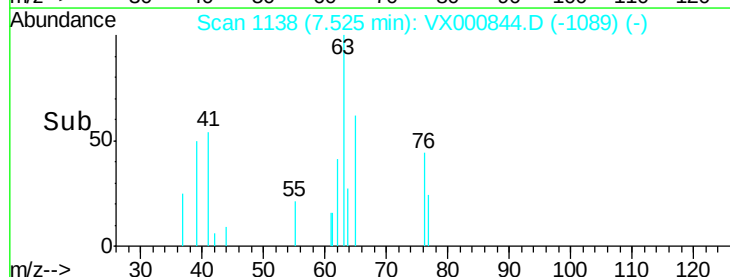
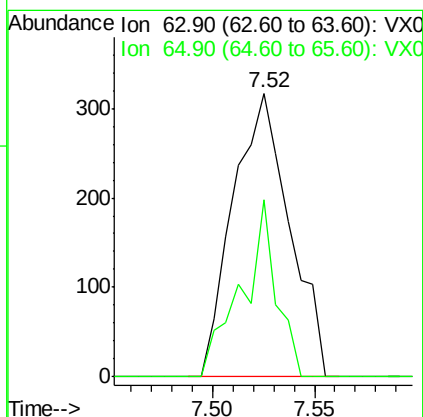
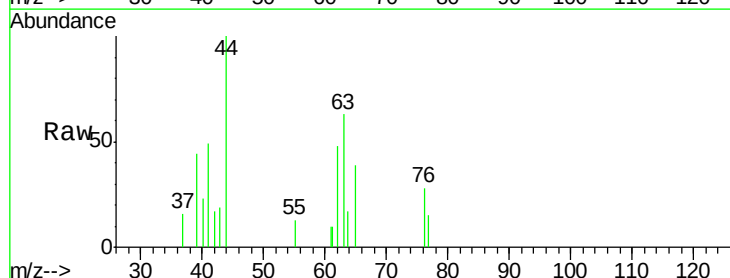
Acq: 13 Apr 2018 13:01

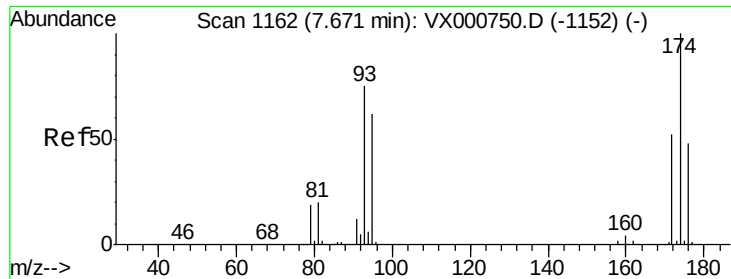
Tgt Ion: 63 Resp: 610

Ion Ratio Lower Upper

63 100

65 62.5 23.7 35.5#

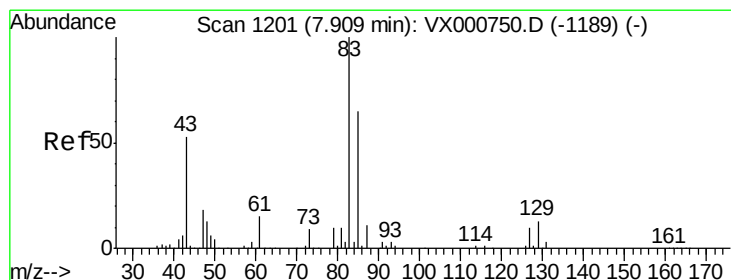
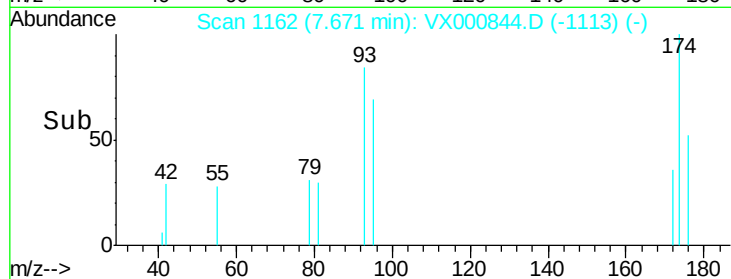
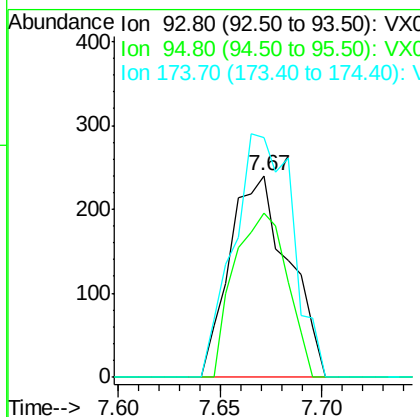
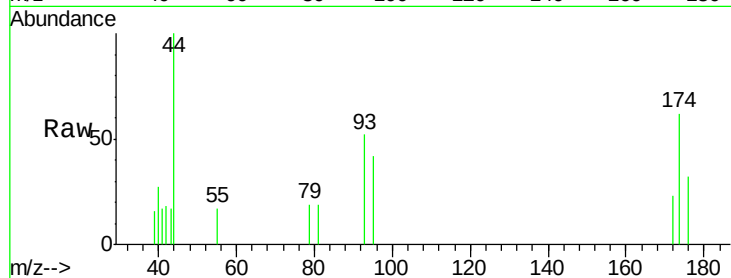




#46
Dibromomethane
Concen: 0.25 ug/l
RT: 7.67 min Scan# 1162
Delta R.T. -0.00 min
Lab File: VX000844.D
Acq: 13 Apr 2018 13:01

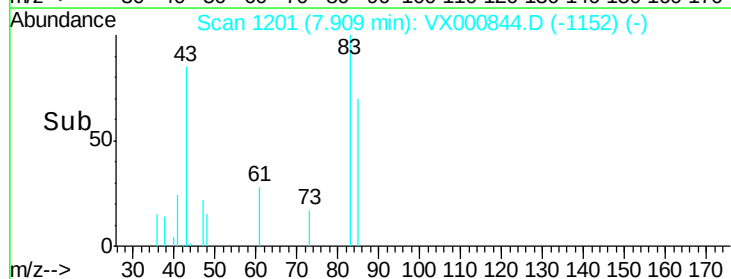
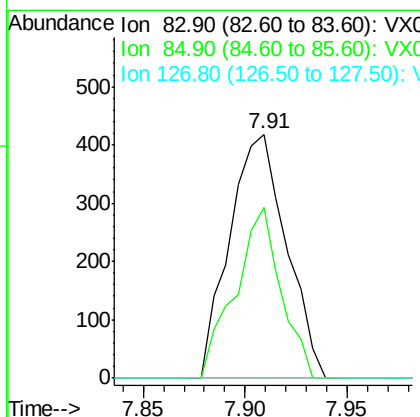
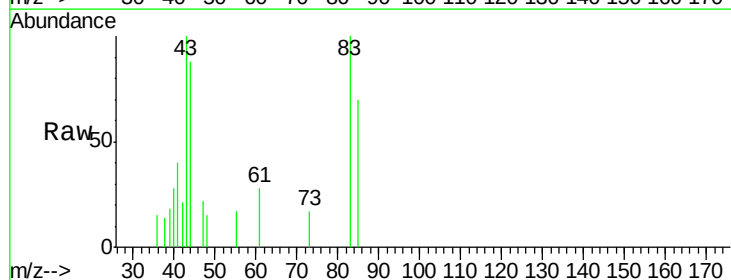
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2018

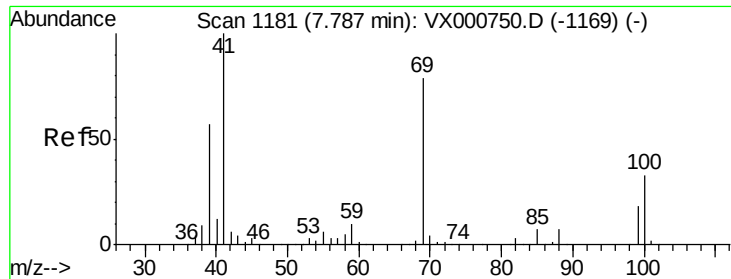
Tgt Ion: 93 Resp: 482
Ion Ratio Lower Upper
93 100
95 73.4 66.6 100.0
174 121.2 104.5 156.7



#47
Bromodichloromethane
Concen: 0.21 ug/l
RT: 7.91 min Scan# 1201
Delta R.T. -0.00 min
Lab File: VX000844.D
Acq: 13 Apr 2018 13:01

Tgt Ion: 83 Resp: 808
Ion Ratio Lower Upper
83 100
85 70.1 52.2 78.4
127 0.0 7.8 11.8#

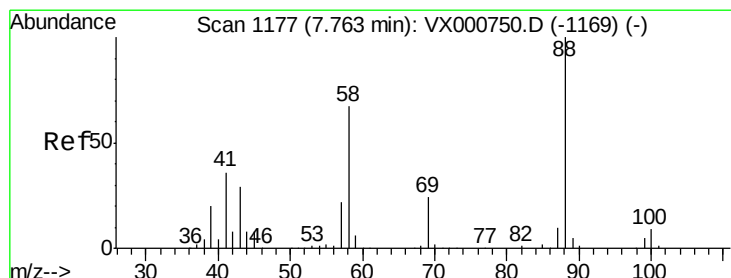
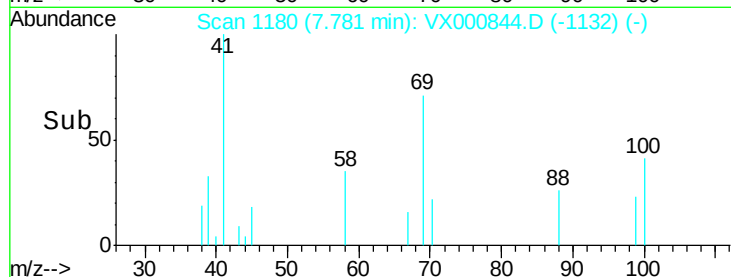
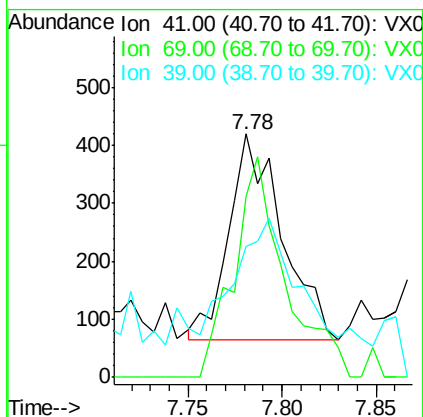
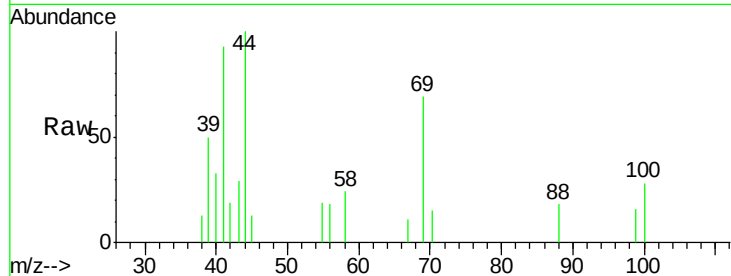




#48
Methyl methacrylate
Concen: 0.21 ug/l
RT: 7.78 min Scan# 1180
Delta R.T. -0.01 min
Lab File: VX000844.D
Acq: 13 Apr 2018 13:01

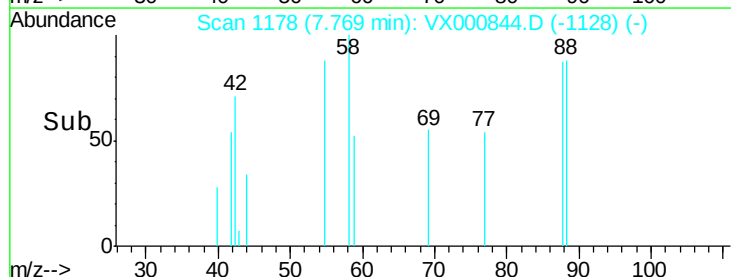
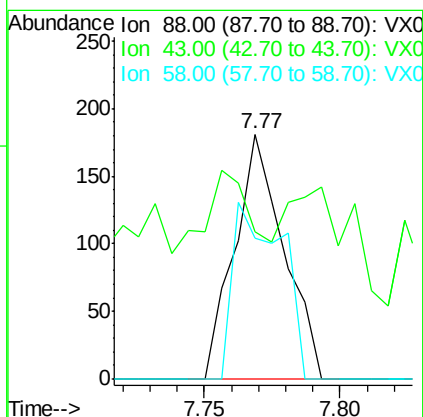
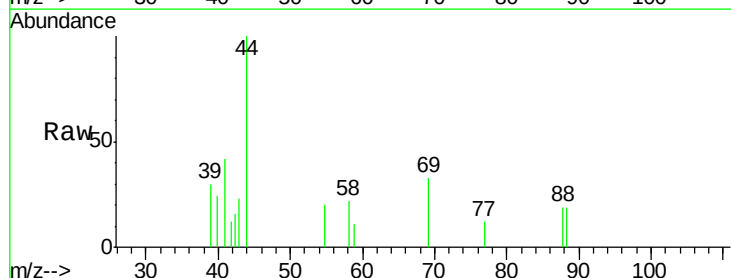
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2018

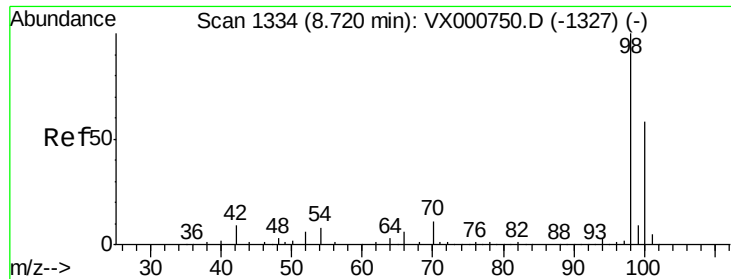
Tgt Ion: 41 Resp: 693
Ion Ratio Lower Upper
41 100
69 102.6 63.9 95.9#
39 72.7 45.9 68.9#



#49
1,4-Dioxane
Concen: 3.36 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. 0.01 min
Lab File: VX000844.D
Acq: 13 Apr 2018 13:01

Tgt Ion: 88 Resp: 227
Ion Ratio Lower Upper
88 100
43 16.7 25.8 38.8#
58 71.4 54.4 81.6





#50

Toluene-d8

Concen: 46.76 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX000844.D

Acq: 13 Apr 2018 13:01

Instrument :

MSVOA_X

ClientSampleId :

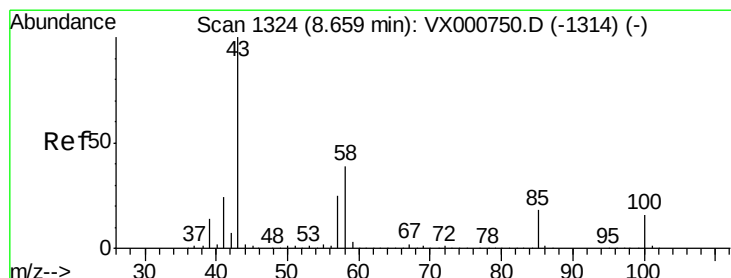
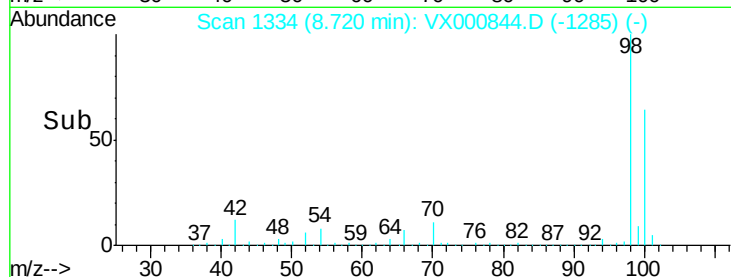
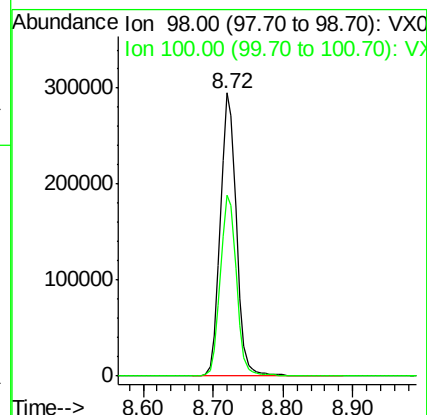
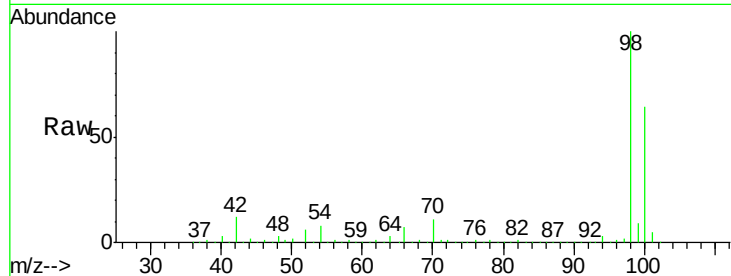
LOD-MDL-WATER-01-QT2-2018

Tgt Ion: 98 Resp: 472281

Ion Ratio Lower Upper

98 100

100 64.3 52.6 79.0



#51

4-Methyl-2-Pentanone

Concen: 1.00 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX000844.D

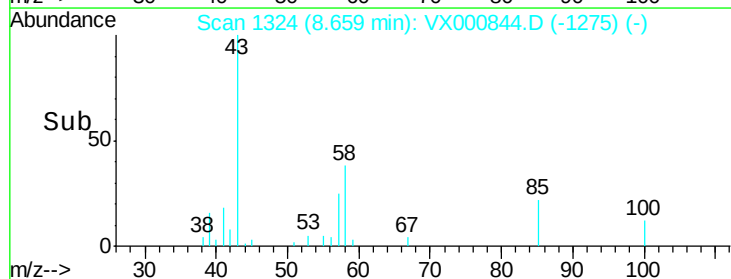
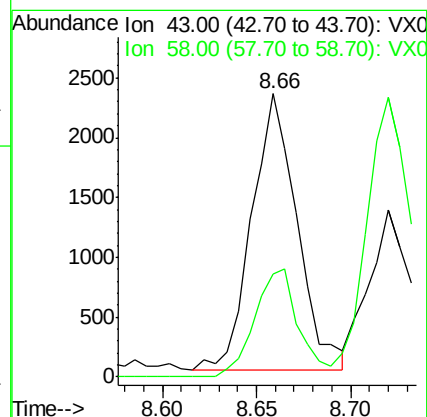
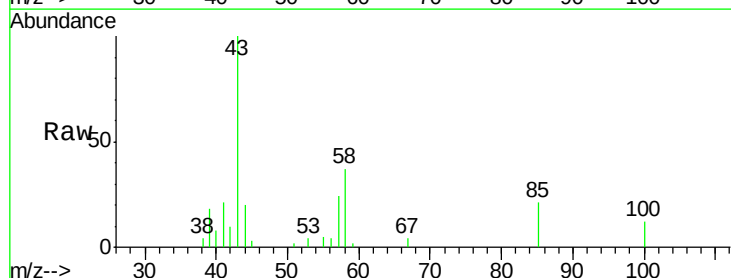
Acq: 13 Apr 2018 13:01

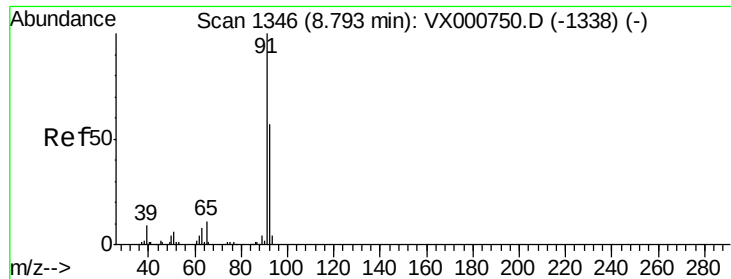
Tgt Ion: 43 Resp: 3828

Ion Ratio Lower Upper

43 100

58 38.0 30.3 45.5





#52

Toluene

Concen: 0.21 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000844.D

Acq: 13 Apr 2018 13:01

Instrument :

MSVOA_X

ClientSampleId :

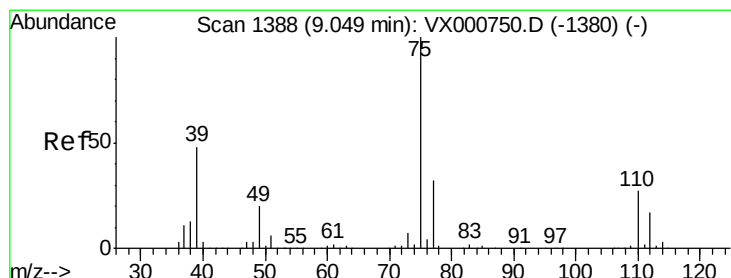
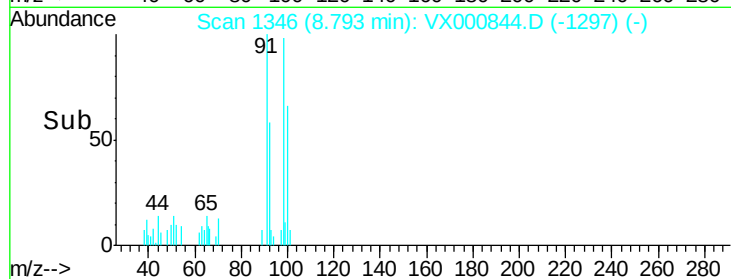
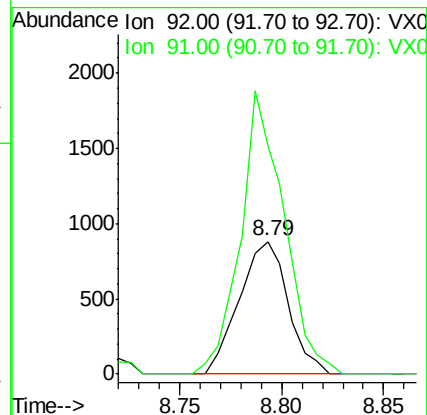
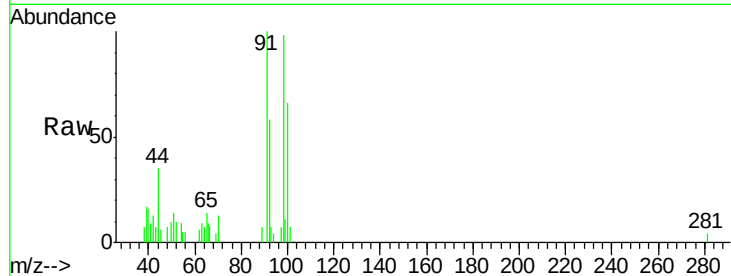
LOD-MDL-WATER-01-QT2-2018

Tgt Ion: 92 Resp: 1470

Ion Ratio Lower Upper

92 100

91 189.0 139.0 208.4



#54

cis-1,3-Dichloropropene

Concen: 0.20 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX000844.D

Acq: 13 Apr 2018 13:01

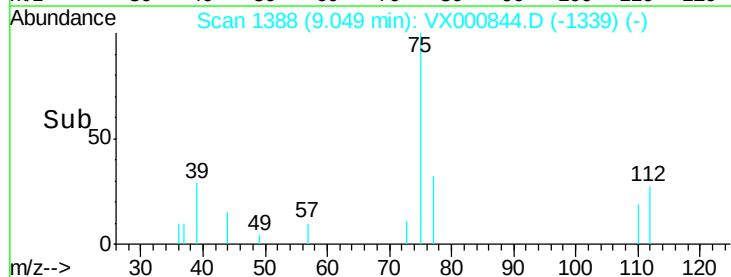
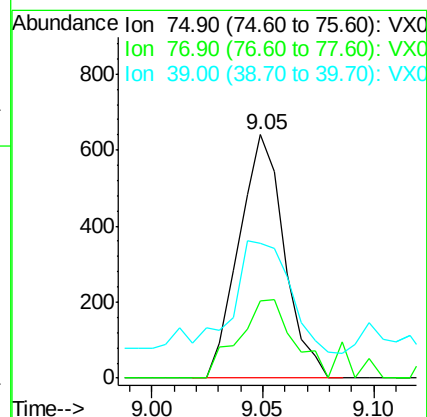
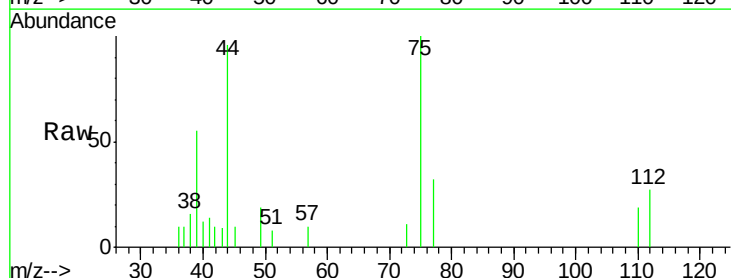
Tgt Ion: 75 Resp: 906

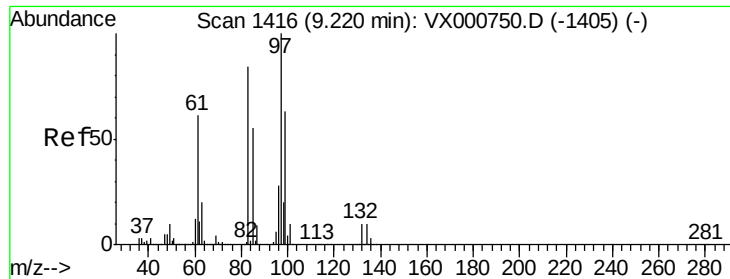
Ion Ratio Lower Upper

75 100

77 31.8 25.4 38.2

39 44.9 38.6 58.0





#55

1,1,2-Trichloroethane

Concen: 0.22 ug/l

RT: 9.23 min Scan# 1417

Delta R.T. 0.01 min

Lab File: VX000844.D

Acq: 13 Apr 2018 13:01

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2018

Tgt Ion: 97 Resp: 626

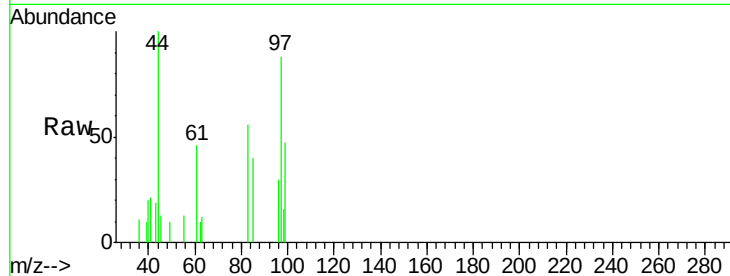
Ion Ratio Lower Upper

97 100

83 63.6 67.6 101.4#

85 45.1 43.8 65.6

99 53.4 50.2 75.4

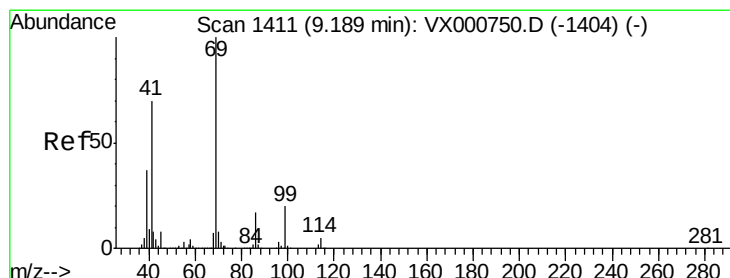
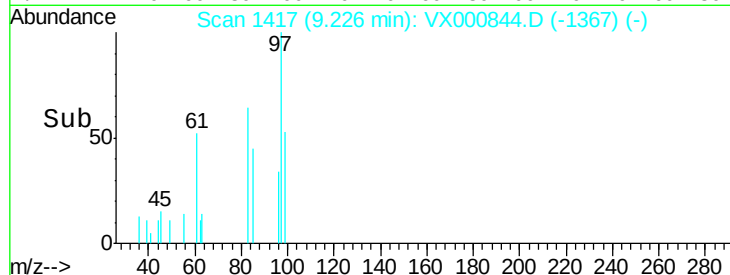
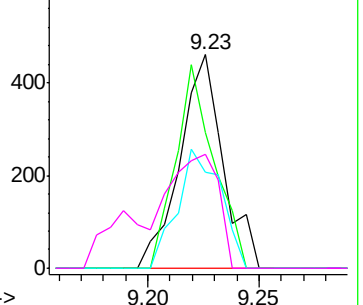


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 0.22 ug/l

RT: 9.20 min Scan# 1412

Delta R.T. 0.01 min

Lab File: VX000844.D

Acq: 13 Apr 2018 13:01

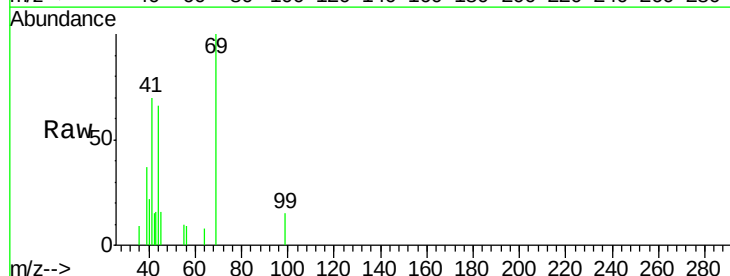
Tgt Ion: 69 Resp: 949

Ion Ratio Lower Upper

69 100

41 76.0 55.6 83.4

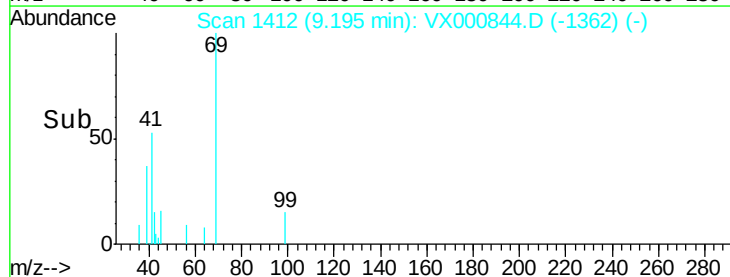
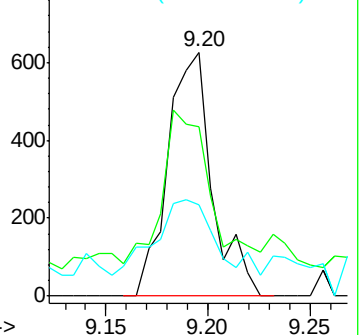
39 38.0 30.3 45.5

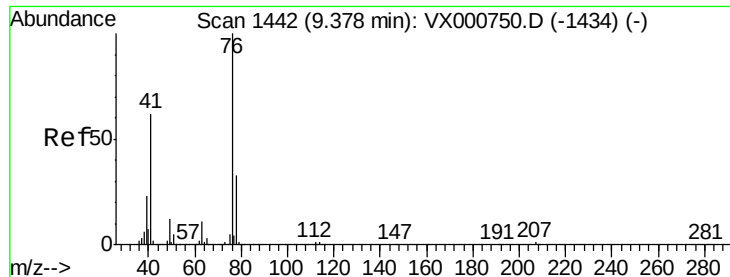


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

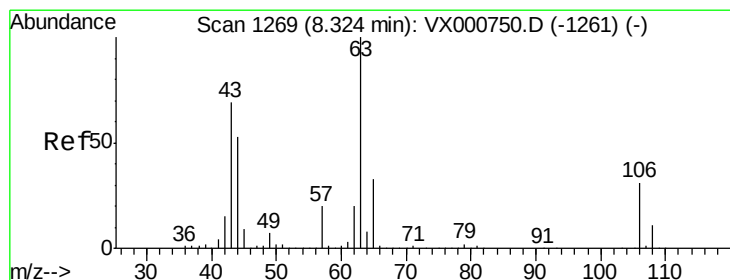
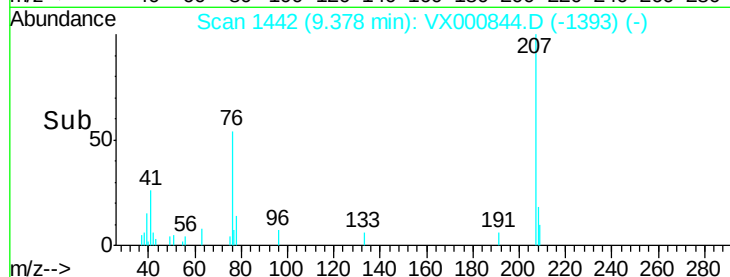
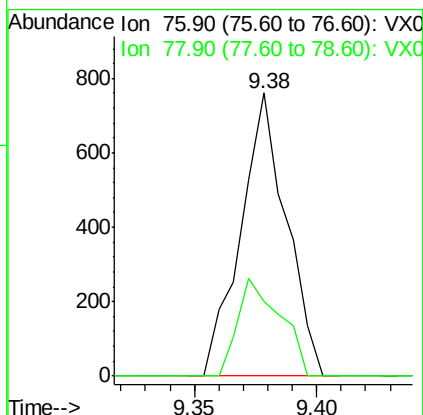
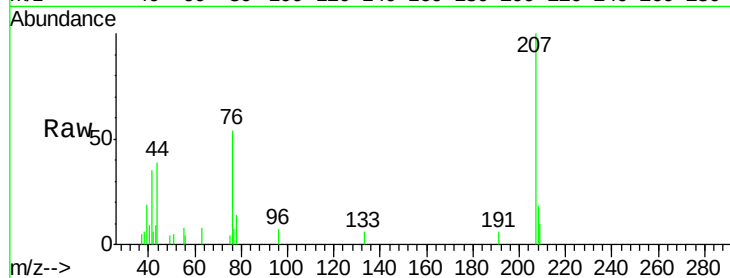




#57
 1,3-Dichloropropane
 Concen: 0.22 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX000844.D
 Acq: 13 Apr 2018 13:01

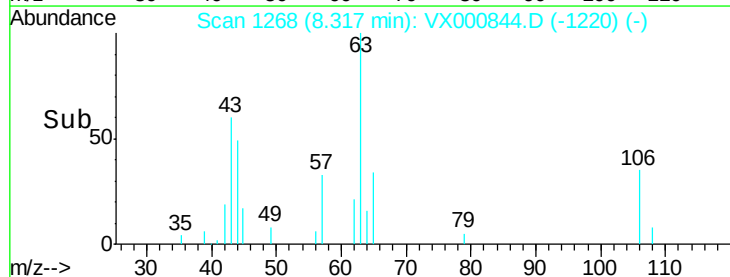
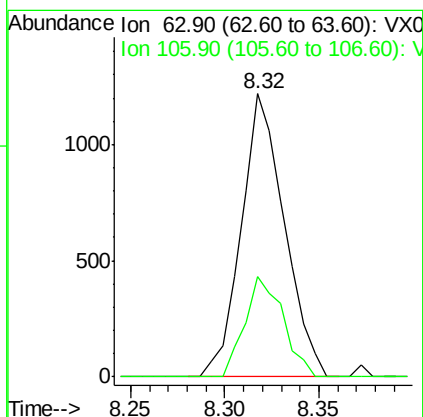
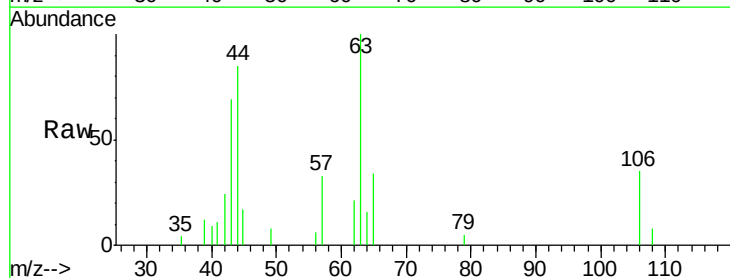
Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2018

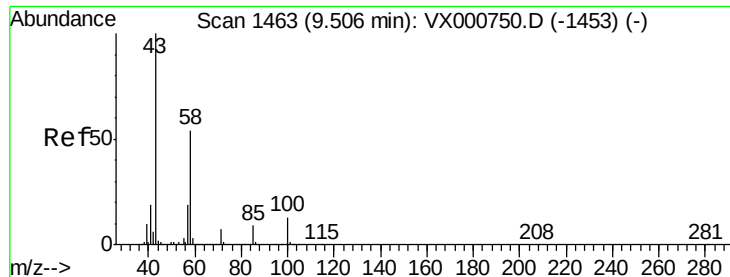
Tgt Ion: 76 Resp: 991
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 0.94 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: VX000844.D
 Acq: 13 Apr 2018 13:01

Tgt Ion: 63 Resp: 1929
 Ion Ratio Lower Upper
 63 100
 106 31.3 24.3 36.5

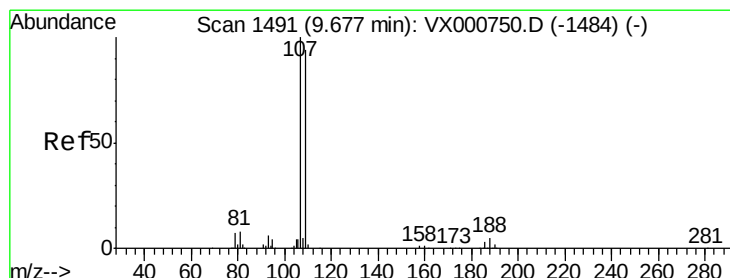
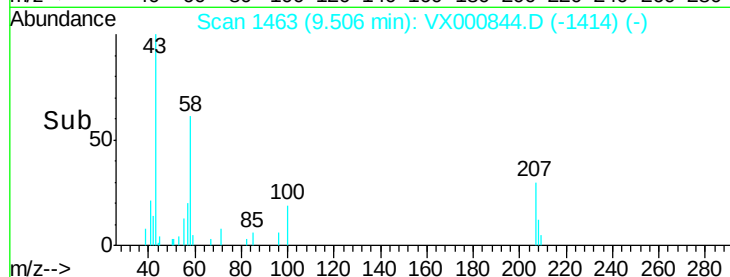
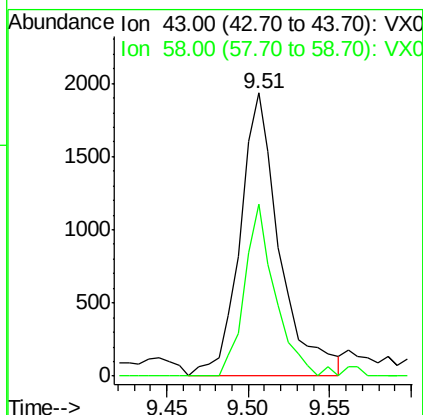
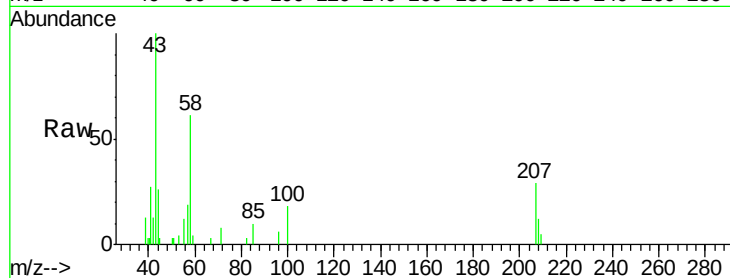




#59
 2-Hexanone
 Concen: 1.11 ug/l
 RT: 9.51 min Scan# 1463
 Delta R.T. -0.00 min
 Lab File: VX000844.D
 Acq: 13 Apr 2018 13:01

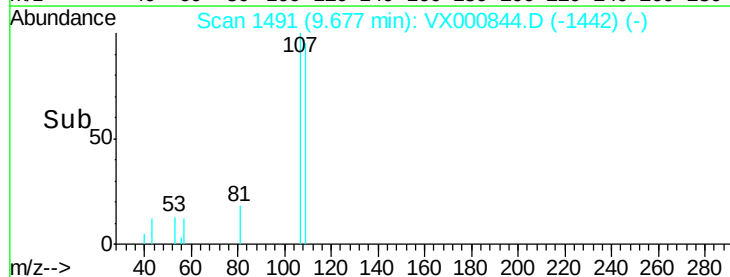
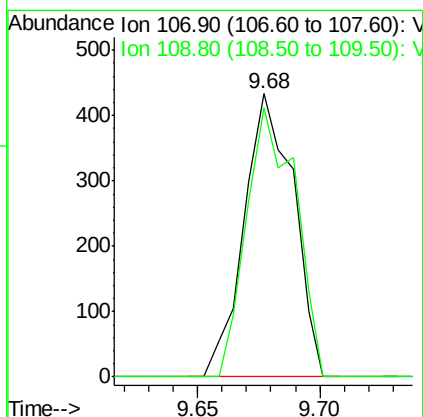
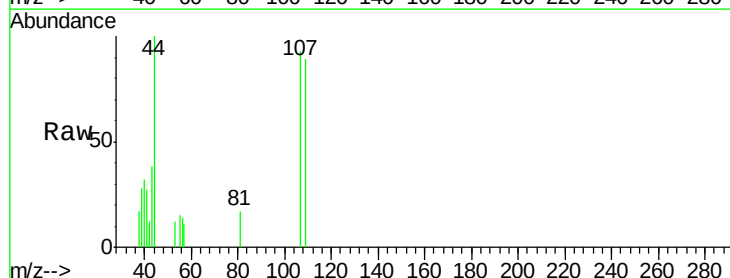
Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2018

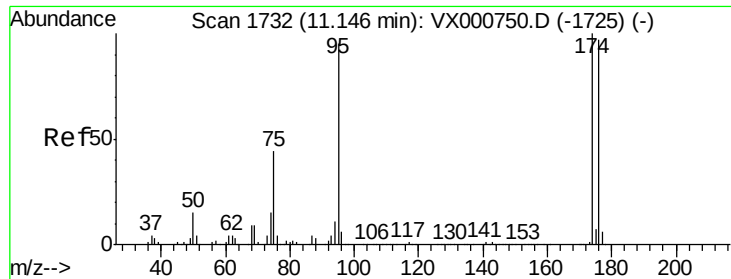
Tgt Ion: 43 Resp: 3272
 Ion Ratio Lower Upper
 43 100
 58 46.5 26.5 79.5



#61
 1,2-Dibromoethane
 Concen: 0.20 ug/l
 RT: 9.68 min Scan# 1491
 Delta R.T. -0.00 min
 Lab File: VX000844.D
 Acq: 13 Apr 2018 13:01

Tgt Ion: 107 Resp: 608
 Ion Ratio Lower Upper
 107 100
 109 94.2 76.2 114.4





#62

4-Bromofluorobenzene

Concen: 45.24 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VX000844.D

Acq: 13 Apr 2018 13:01

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2018

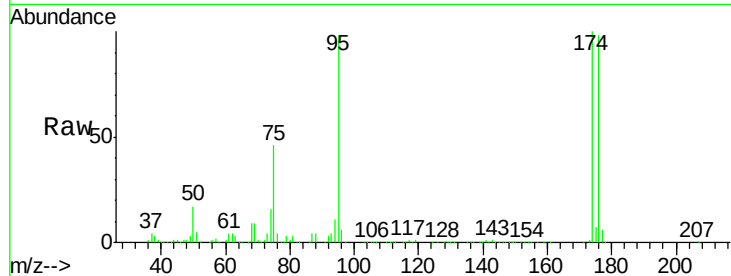
Tgt Ion: 95 Resp: 189045

Ion Ratio Lower Upper

95 100

174 98.8 0.0 198.4

176 96.0 0.0 194.4

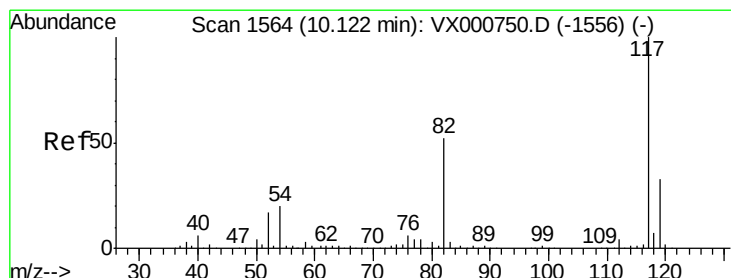
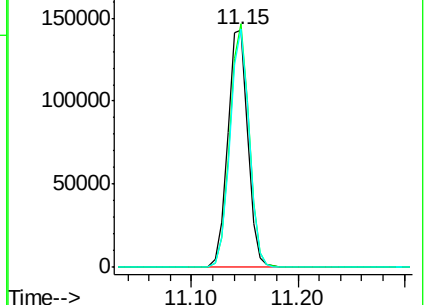
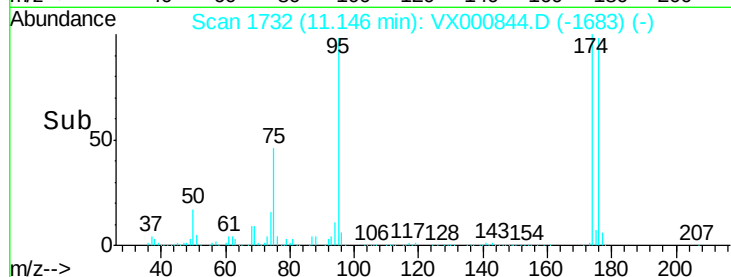


Abundance Ion 94.90 (94.60 to 95.60): VX000844.D (-1683) (-)

Ion 173.80 (173.50 to 174.50): VX000844.D (-1683) (-)

Ion 175.80 (175.50 to 176.50): VX000844.D (-1683) (-)

11.15



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1564

Delta R.T. -0.00 min

Lab File: VX000844.D

Acq: 13 Apr 2018 13:01

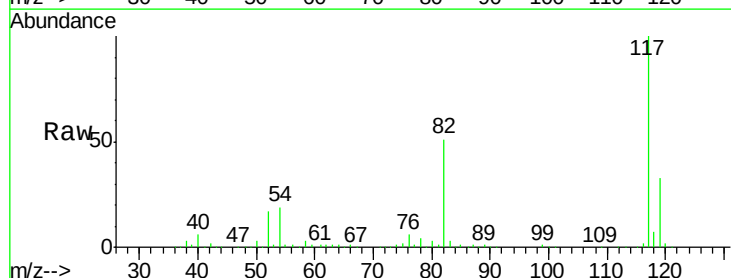
Tgt Ion: 117 Resp: 329668

Ion Ratio Lower Upper

117 100

82 50.5 41.9 62.9

119 32.9 26.0 39.0

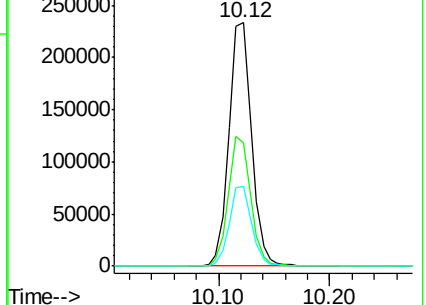
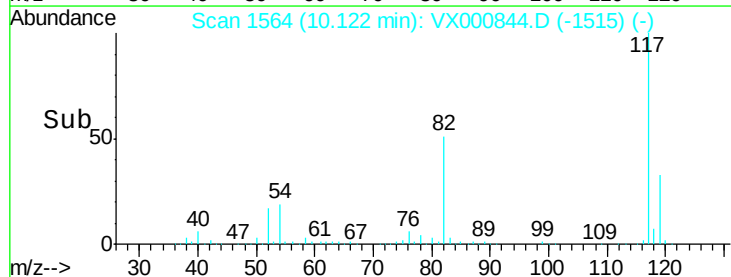


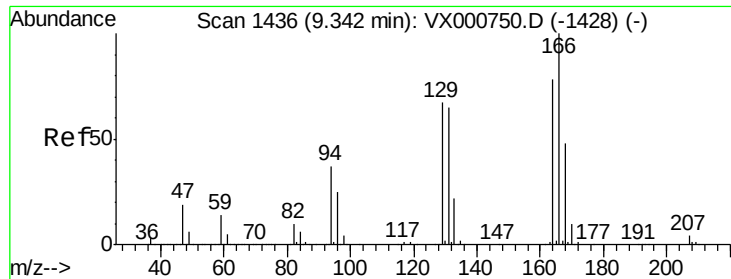
Abundance Ion 116.90 (116.60 to 117.60): VX000844.D (-1515) (-)

Ion 82.00 (81.70 to 82.70): VX000844.D (-1515) (-)

Ion 118.90 (118.60 to 119.60): VX000844.D (-1515) (-)

10.12

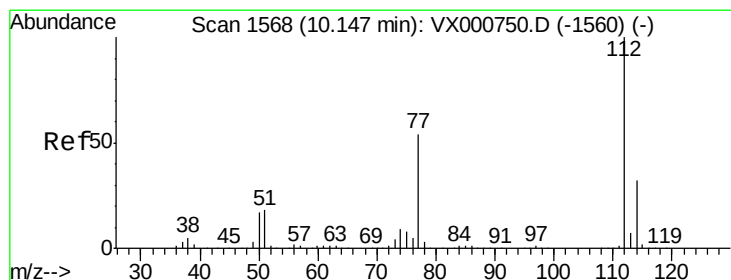
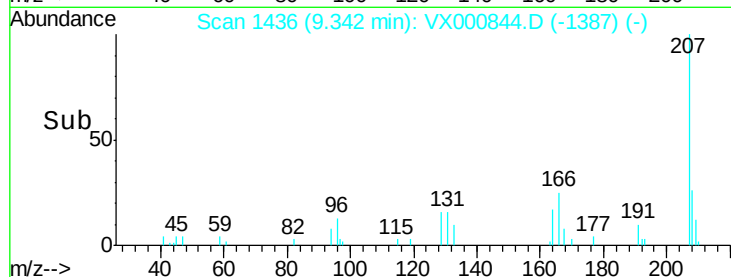
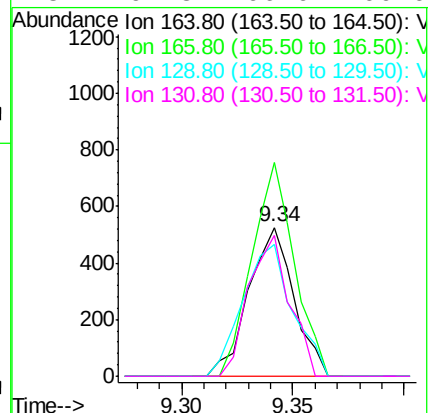
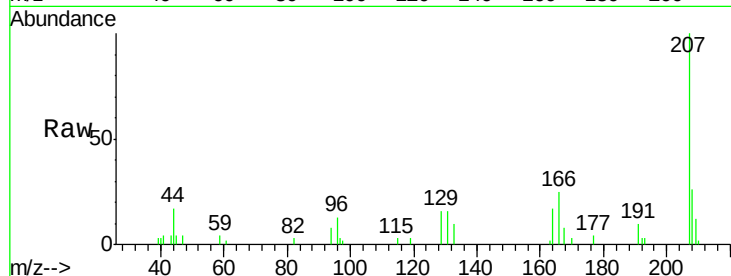




#64
Tetrachloroethene
Concen: 0.23 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX000844.D
Acq: 13 Apr 2018 13:01

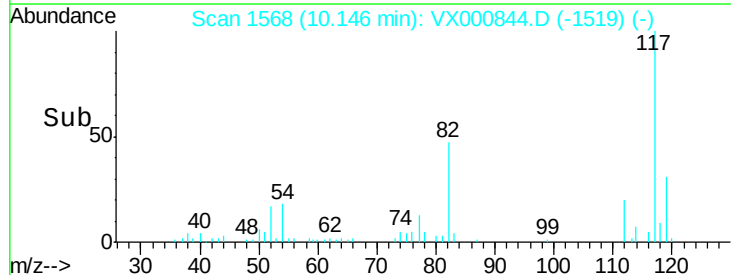
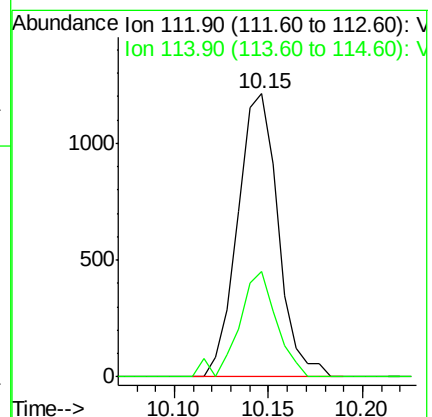
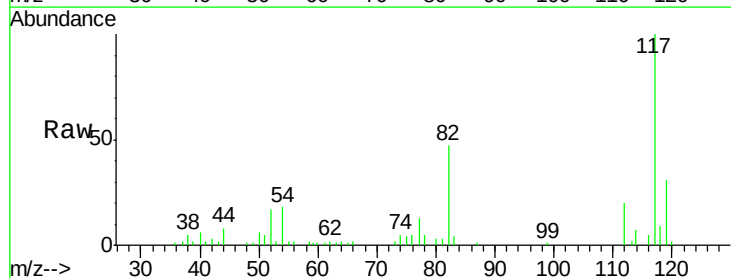
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2018

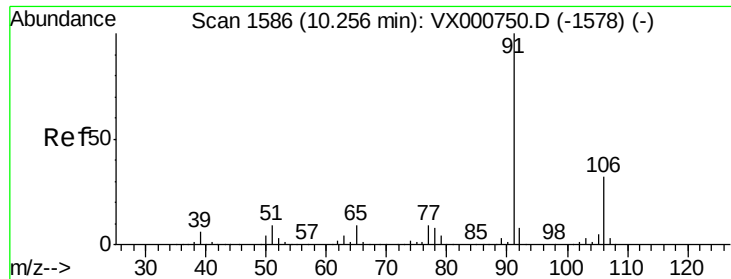
Tgt Ion:164 Resp: 743
Ion Ratio Lower Upper
164 100
166 143.5 102.8 154.2
129 88.8 68.5 102.7
131 94.3 66.6 100.0



#65
Chlorobenzene
Concen: 0.22 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000844.D
Acq: 13 Apr 2018 13:01

Tgt Ion:112 Resp: 1804
Ion Ratio Lower Upper
112 100
114 37.2 25.8 38.8





#67

Ethyl Benzene

Concen: 0.22 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX000844.D

Acq: 13 Apr 2018 13:01

Instrument :

MSVOA_X

ClientSampleId :

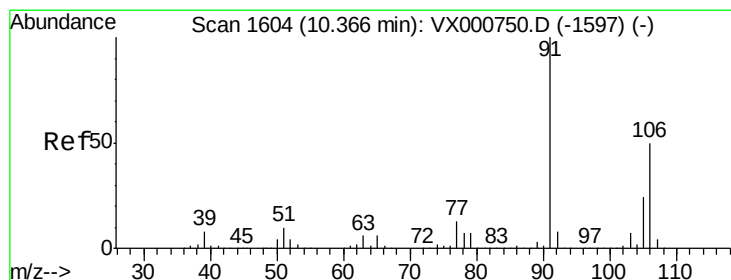
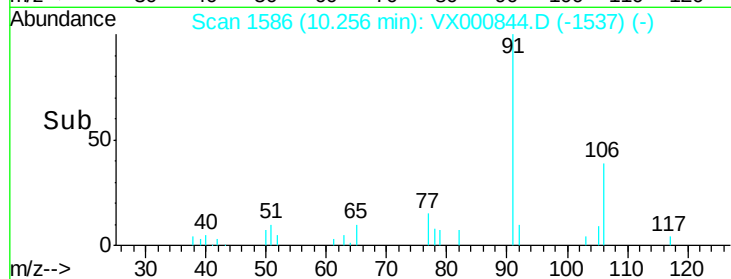
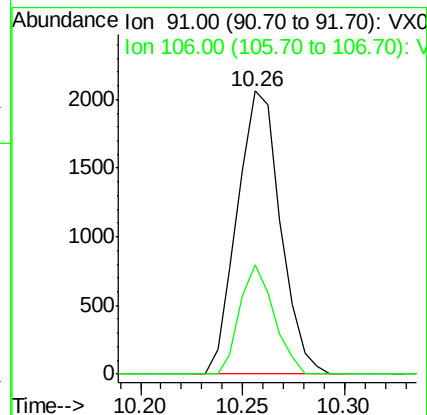
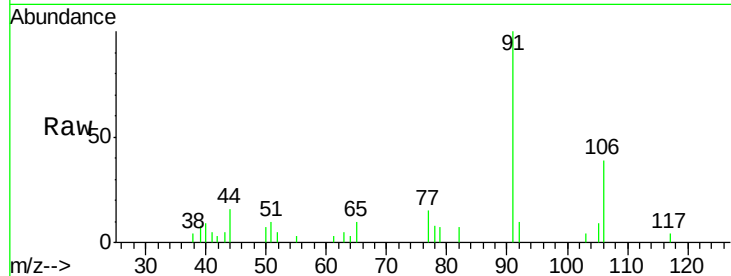
LOD-MDL-WATER-01-QT2-2018

Tgt Ion: 91 Resp: 3031

Ion Ratio Lower Upper

91 100

106 38.7 25.4 38.0#



#68

m/p-Xylenes

Concen: 0.44 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VX000844.D

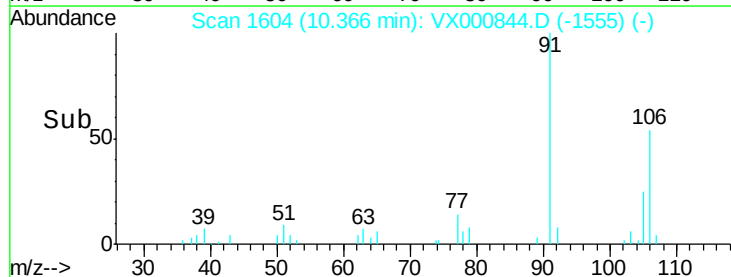
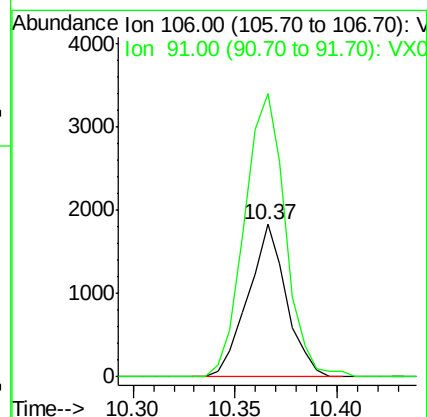
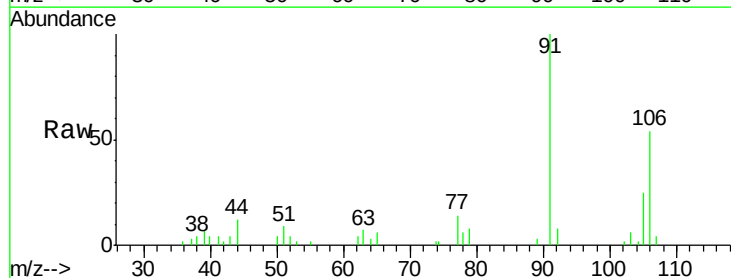
Acq: 13 Apr 2018 13:01

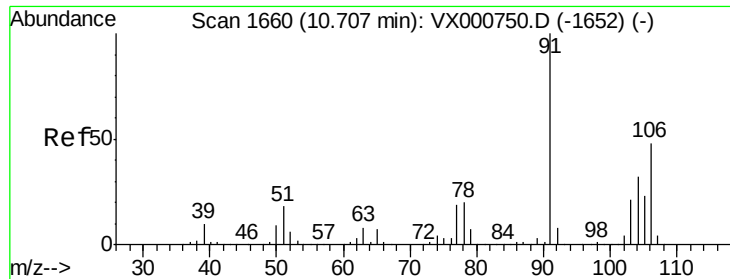
Tgt Ion: 106 Resp: 2395

Ion Ratio Lower Upper

106 100

91 196.6 159.3 238.9

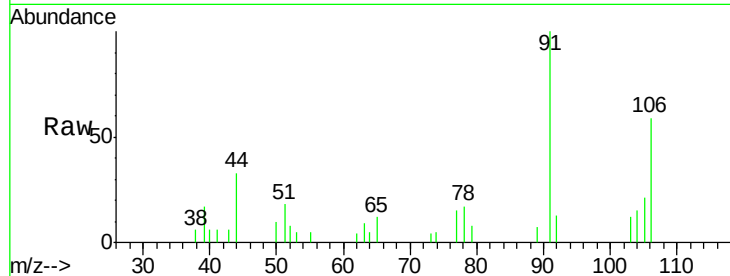




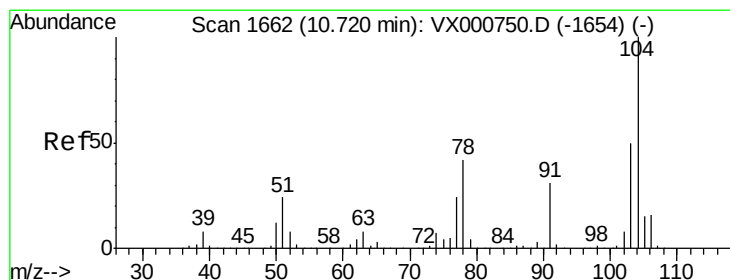
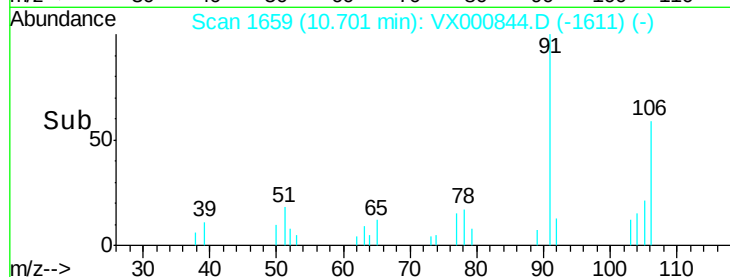
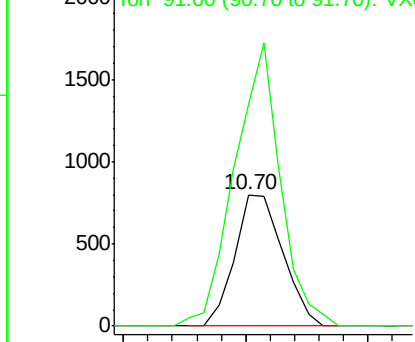
#69
o-Xylene
Concen: 0.21 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.01 min
Lab File: VX000844.D
Acq: 13 Apr 2018 13:01

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

Tgt Ion:106 Resp: 1089
Ion Ratio Lower Upper
106 100
91 205.9 105.0 315.0

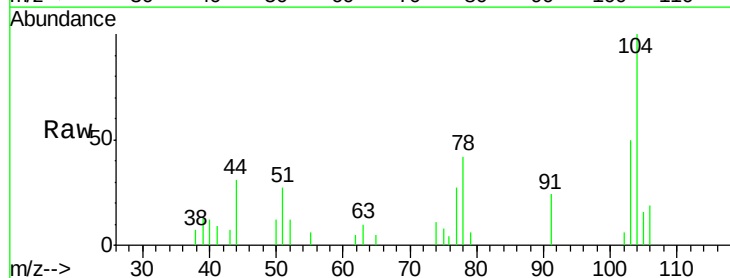


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

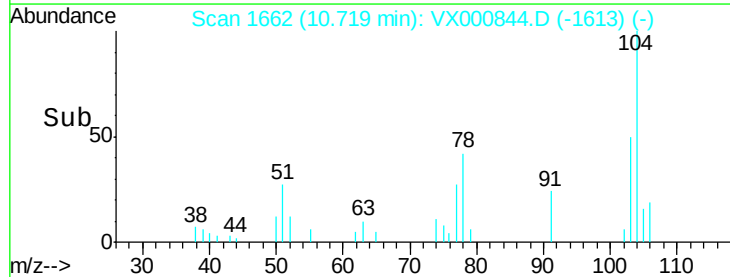
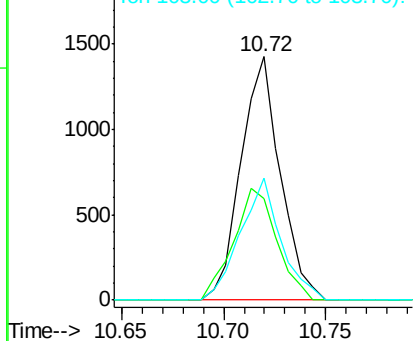


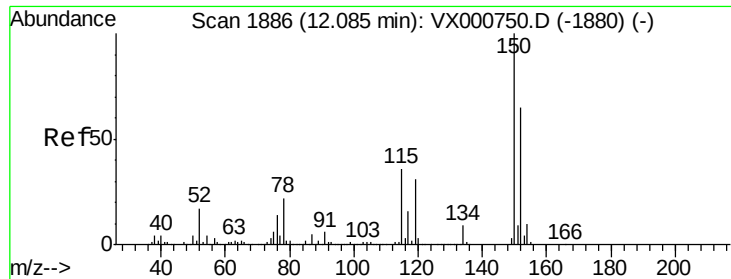
#70
Styrene
Concen: 0.22 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000844.D
Acq: 13 Apr 2018 13:01

Tgt Ion:104 Resp: 1910
Ion Ratio Lower Upper
104 100
78 50.5 39.0 58.6
103 51.7 44.1 66.1



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





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX000844.D

Acq: 13 Apr 2018 13:01

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2018

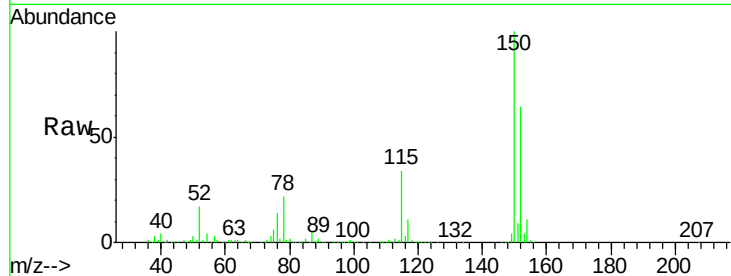
Tgt Ion:152 Resp: 221876

Ion Ratio Lower Upper

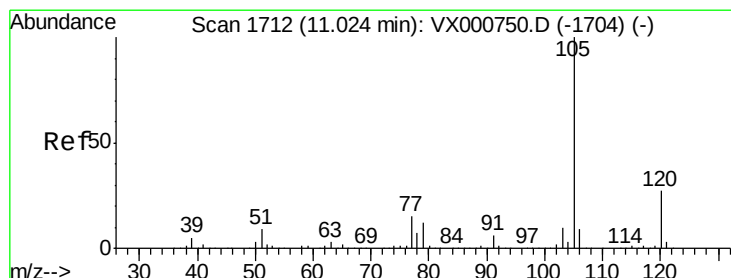
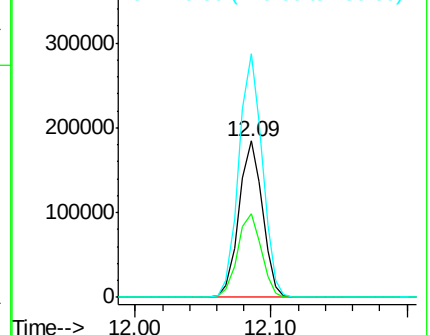
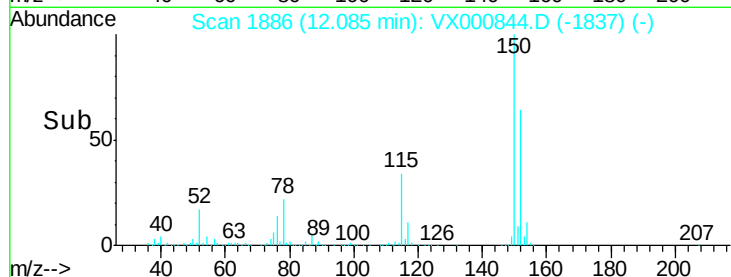
152 100

115 54.0 37.9 113.7

150 155.7 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: 0.21 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX000844.D

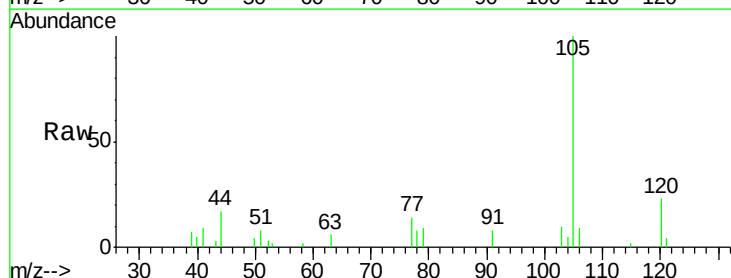
Acq: 13 Apr 2018 13:01

Tgt Ion:105 Resp: 3017

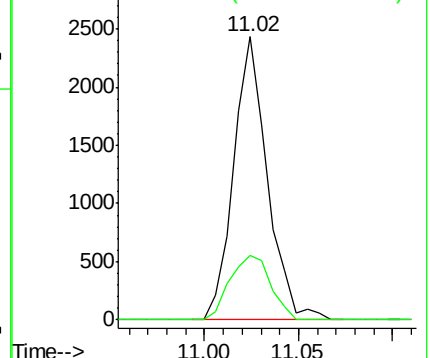
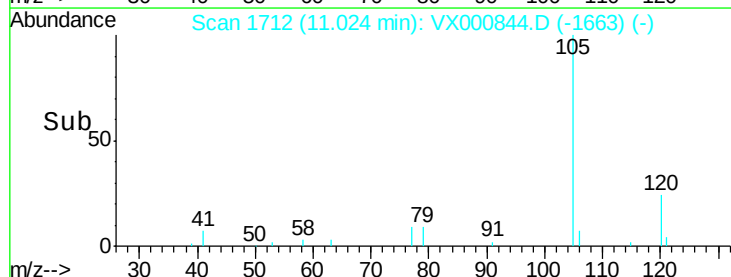
Ion Ratio Lower Upper

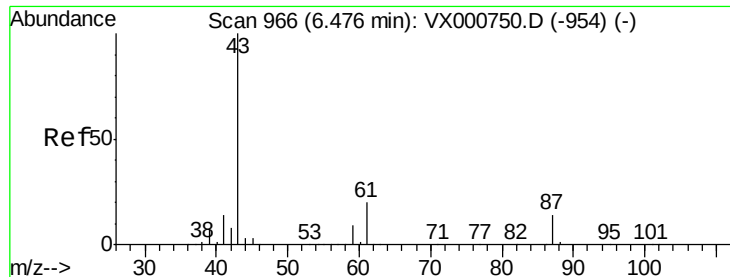
105 100

120 27.5 13.7 41.0



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





#74

N-amyI acetate

Concen: 0.23 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX000844.D

Acq: 13 Apr 2018 13:01

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2018

Tgt Ion: 43 Resp: 1476

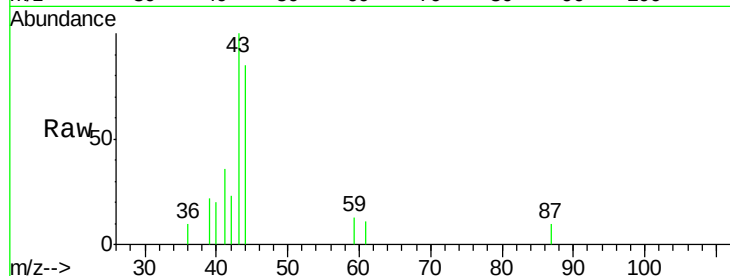
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 1.4 0.0 0.0#

61 12.2 15.6 23.4#

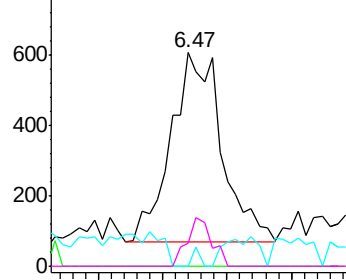


Abundance Ion 43.00 (42.70 to 43.70): VX0

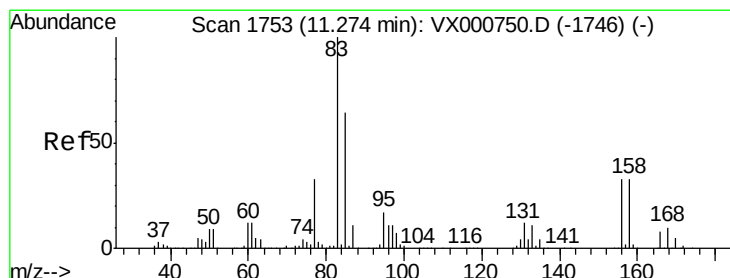
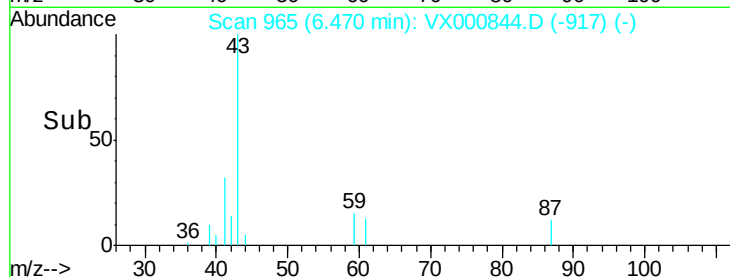
Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



Time-->



#75

1,1,2,2-Tetrachloroethane

Concen: 0.22 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX000844.D

Acq: 13 Apr 2018 13:01

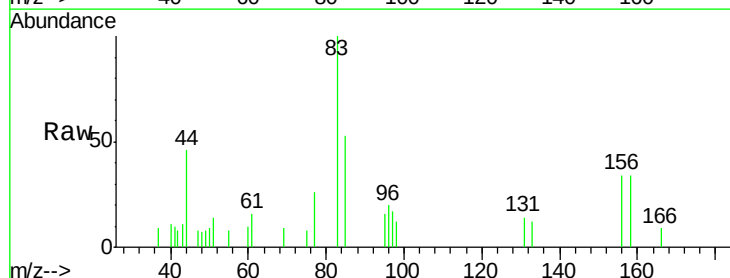
Tgt Ion: 83 Resp: 915

Ion Ratio Lower Upper

83 100

131 8.9 6.0 18.0

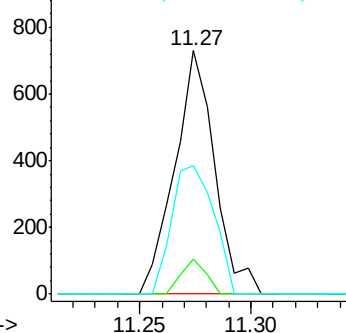
85 55.6 32.3 96.8



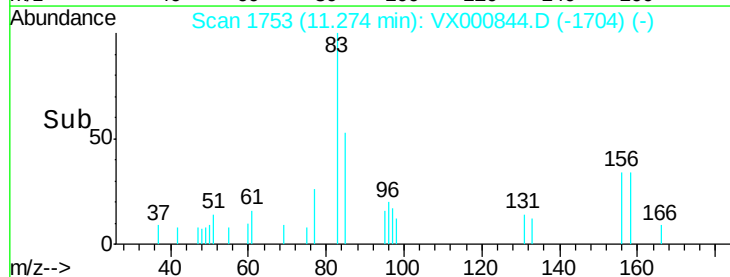
Abundance Ion 82.90 (82.60 to 83.60): VX0

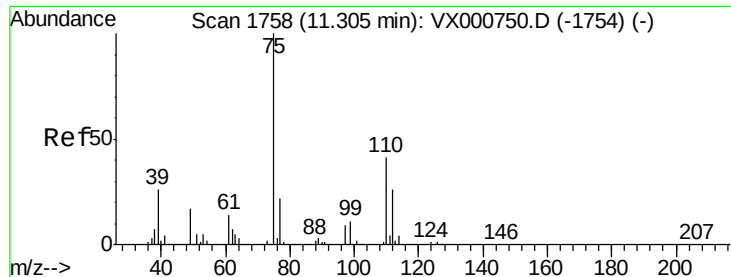
Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



Time-->





#76

1,2,3-Trichloropropane

Concen: 23.95 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX000844.D

Acq: 13 Apr 2018 13:01

Instrument :

MSVOA_X

ClientSampleId :

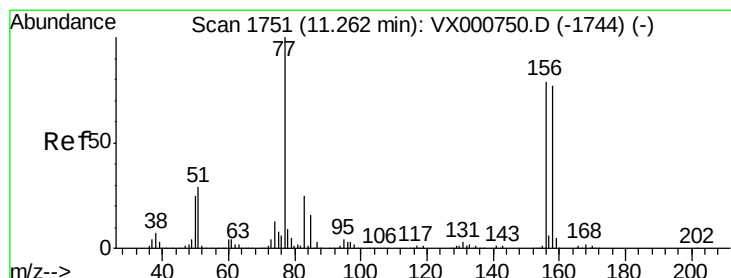
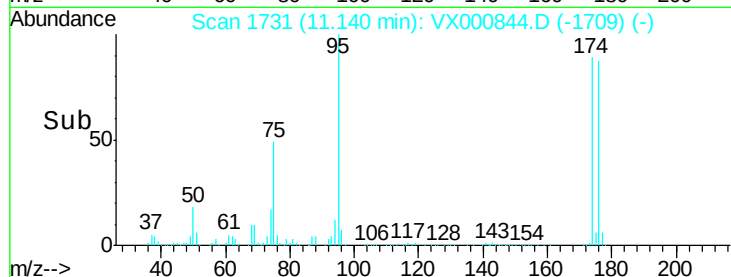
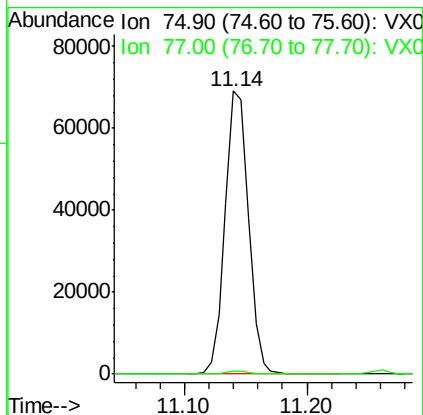
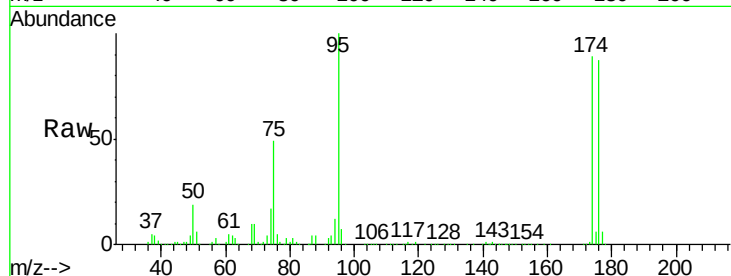
LOD-MDL-WATER-01-QT2-2018

Tgt Ion: 75 Resp: 91638

Ion Ratio Lower Upper

75 100

77 1.2 20.5 61.5#



#77

Bromobenzene

Concen: 0.22 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX000844.D

Acq: 13 Apr 2018 13:01

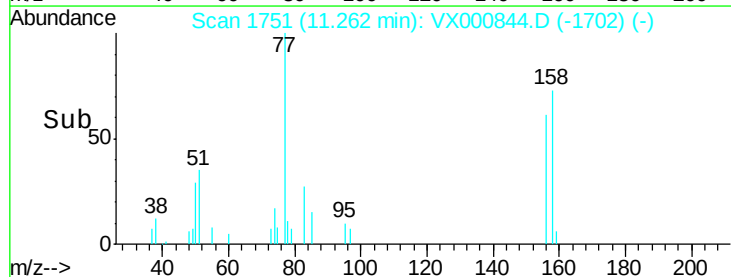
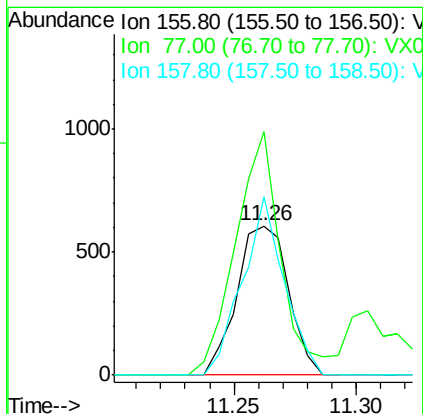
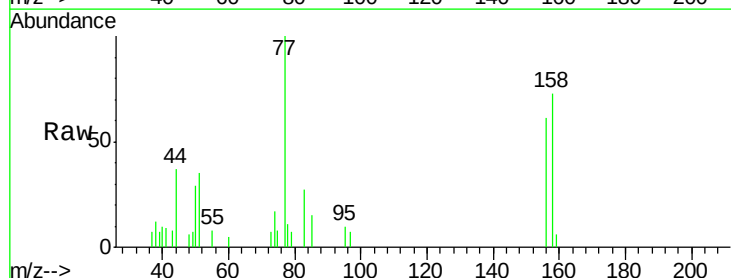
Tgt Ion: 156 Resp: 890

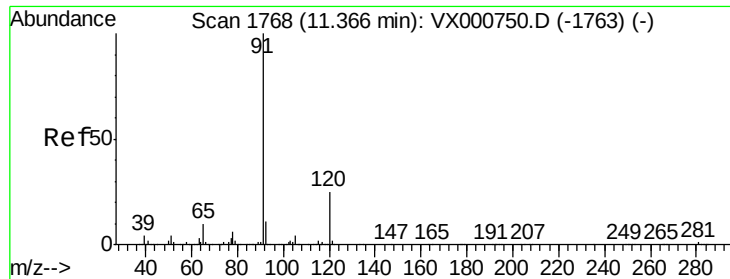
Ion Ratio Lower Upper

156 100

77 142.6 66.0 198.2

158 96.9 48.8 146.4

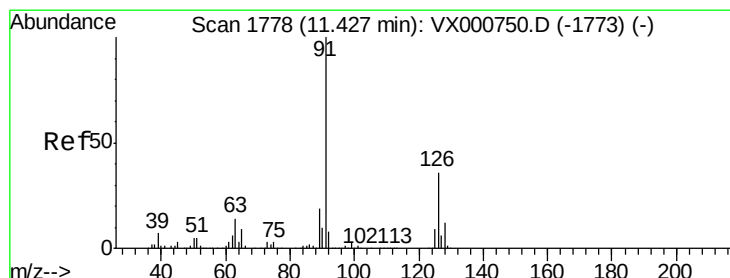
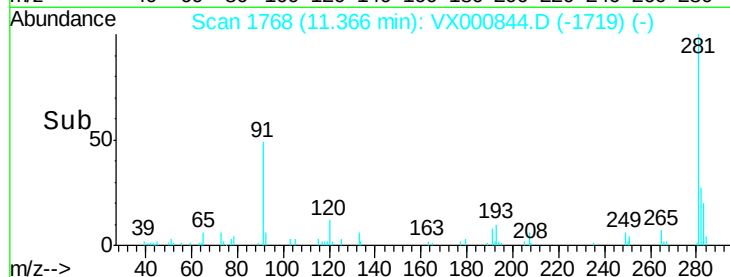
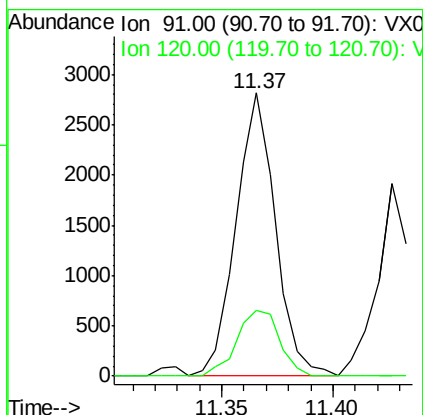
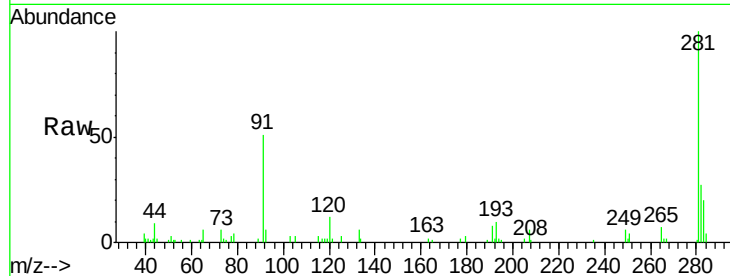




#78
n-propylbenzene
Concen: 0.22 ug/l
RT: 11.37 min Scan# 1768
Delta R.T. -0.00 min
Lab File: VX000844.D
Acq: 13 Apr 2018 13:01

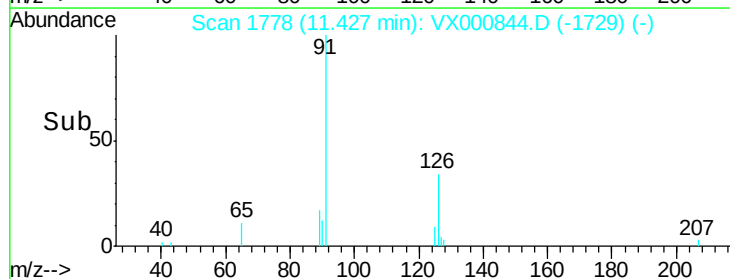
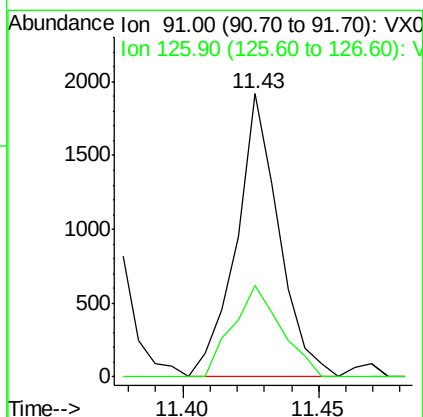
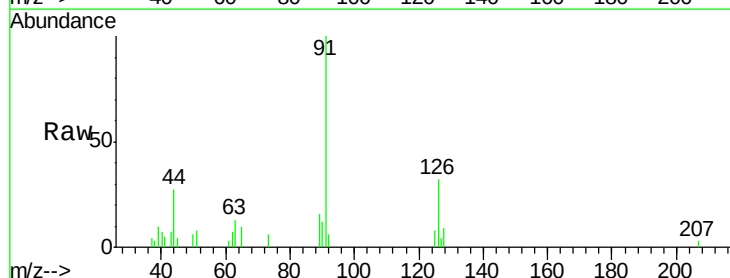
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2018

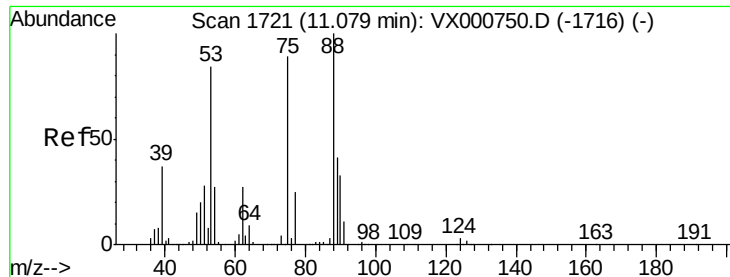
Tgt Ion: 91 Resp: 3474
Ion Ratio Lower Upper
91 100
120 25.1 12.6 37.6



#79
2-Chlorotoluene
Concen: 0.22 ug/l
RT: 11.43 min Scan# 1778
Delta R.T. -0.00 min
Lab File: VX000844.D
Acq: 13 Apr 2018 13:01

Tgt Ion: 91 Resp: 2075
Ion Ratio Lower Upper
91 100
126 37.0 18.3 54.9

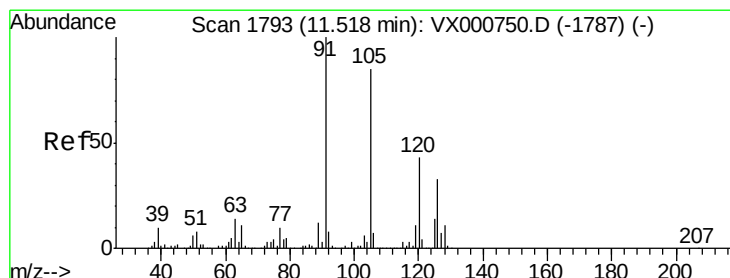
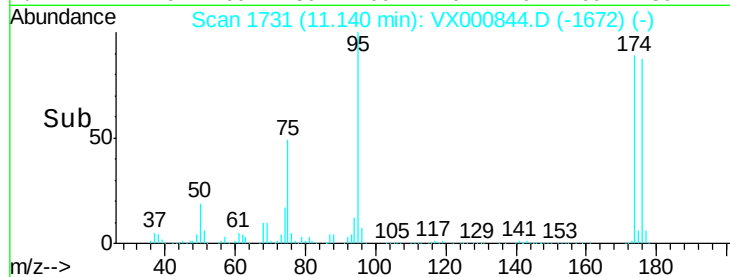
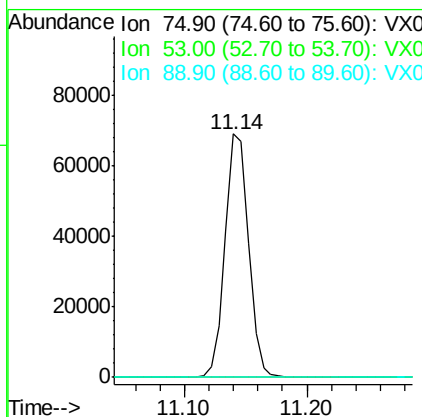
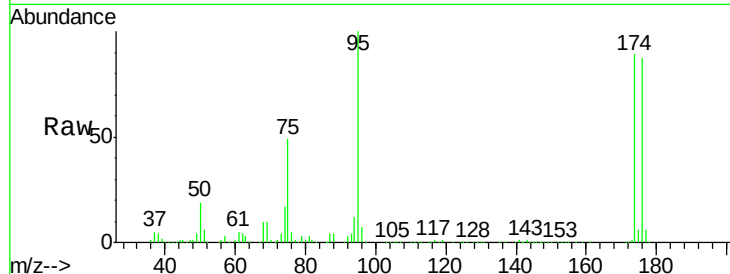




#81
trans-1,4-Dichloro-2-butene
Concen: 65.88 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX000844.D
Acq: 13 Apr 2018 13:01

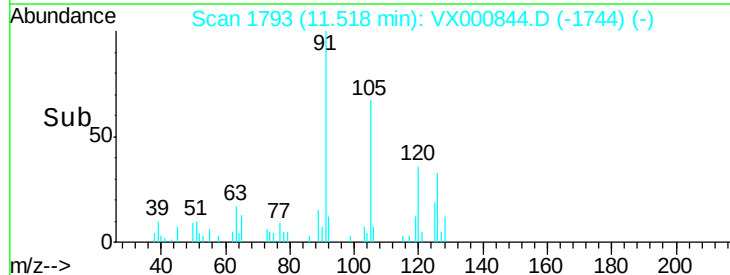
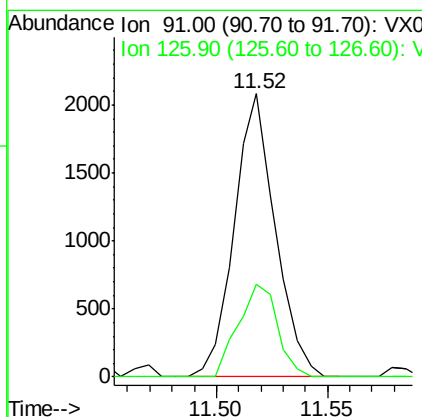
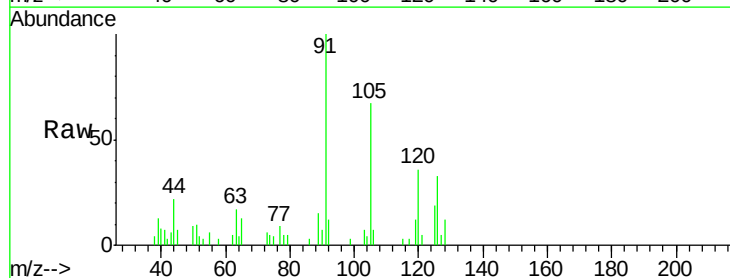
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2018

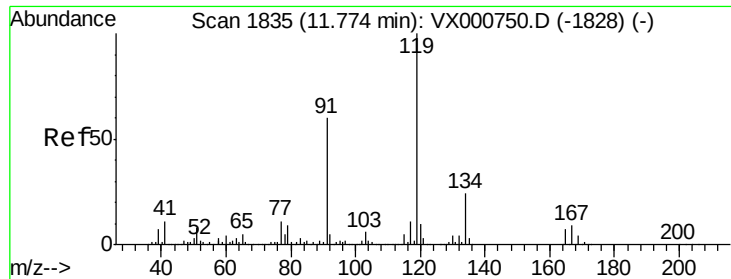
Tgt Ion: 75 Resp: 91638
Ion Ratio Lower Upper
75 100
53 0.0 75.4 113.0#
89 0.0 40.9 61.3#



#82
4-Chlorotoluene
Concen: 0.23 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VX000844.D
Acq: 13 Apr 2018 13:01

Tgt Ion: 91 Resp: 2666
Ion Ratio Lower Upper
91 100
126 31.3 16.2 48.6

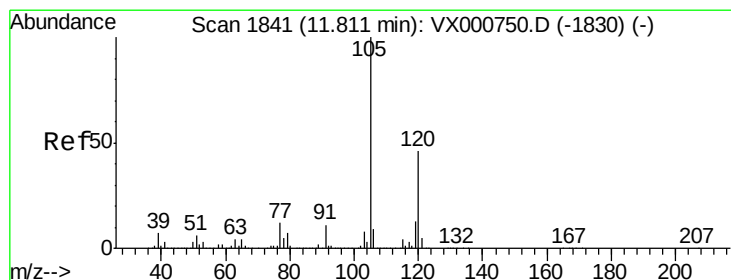
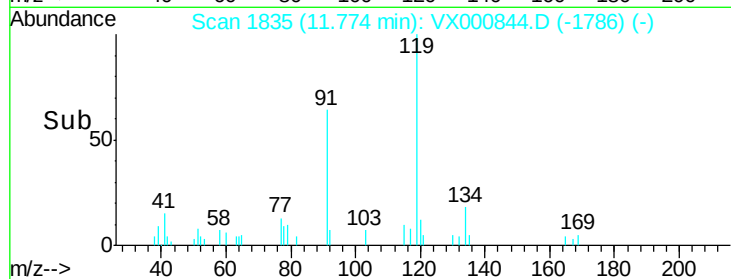
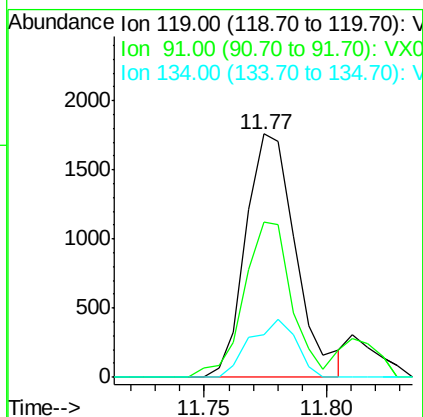
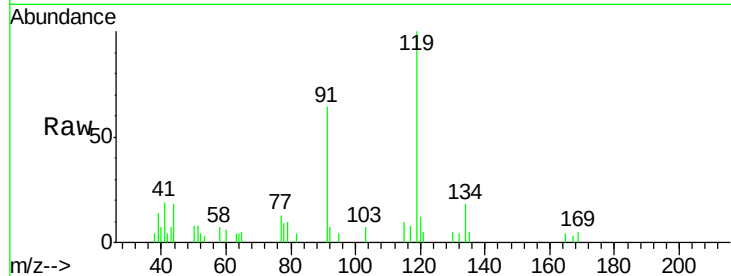




#83
 tert-Butylbenzene
 Concen: 0.20 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX000844.D
 Acq: 13 Apr 2018 13:01

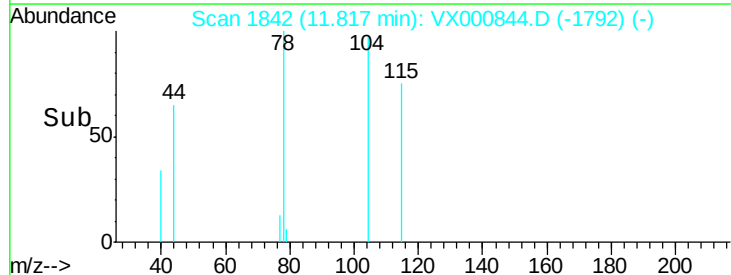
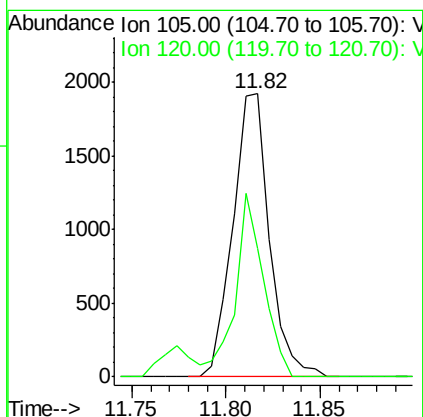
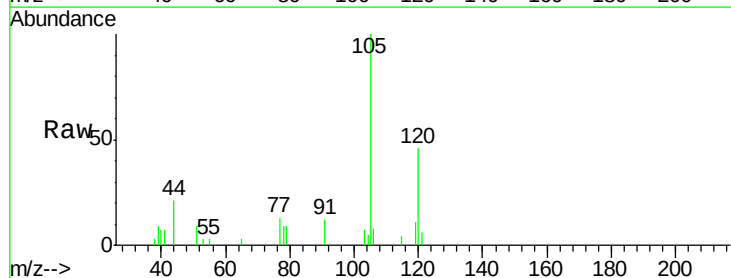
Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2018

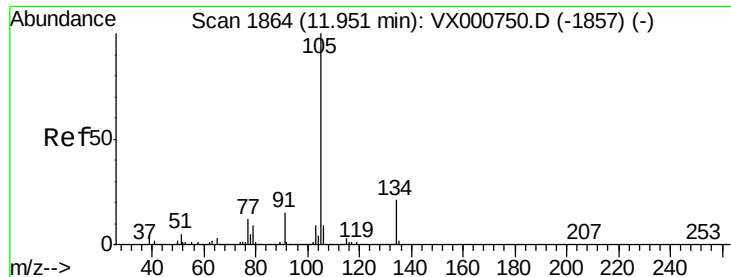
Tgt Ion:119 Resp: 2494
 Ion Ratio Lower Upper
 119 100
 91 60.7 26.8 80.3
 134 21.7 11.5 34.4



#84
 1,2,4-Trimethylbenzene
 Concen: 0.21 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. 0.01 min
 Lab File: VX000844.D
 Acq: 13 Apr 2018 13:01

Tgt Ion:105 Resp: 2585
 Ion Ratio Lower Upper
 105 100
 120 49.8 23.1 69.3





#85

sec-Butylbenzene

Concen: 0.21 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX000844.D

Acq: 13 Apr 2018 13:01

Instrument :

MSVOA_X

ClientSampleId :

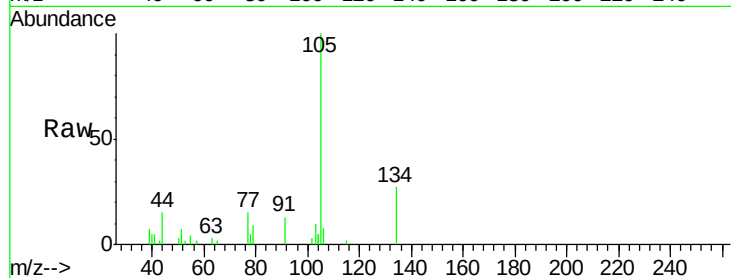
LOD-MDL-WATER-01-QT2-2018

Tgt Ion:105 Resp: 3113

Ion Ratio Lower Upper

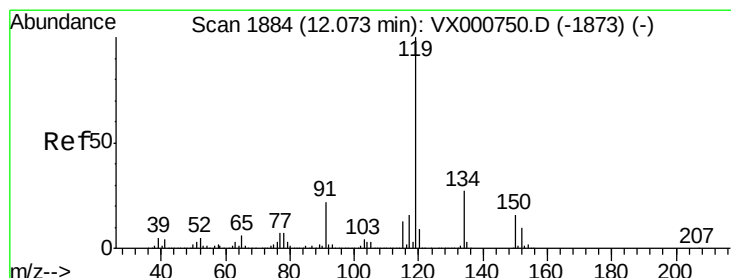
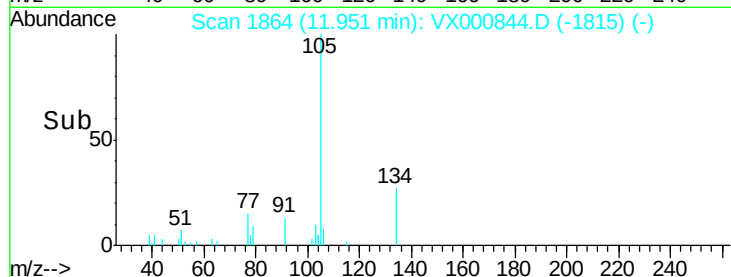
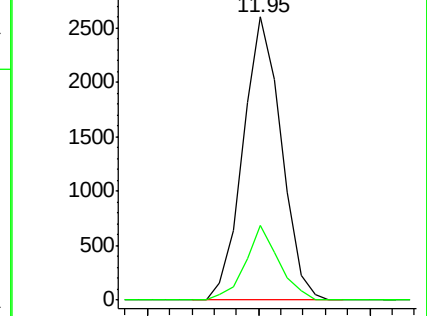
105 100

134 23.3 10.8 32.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 0.22 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.01 min

Lab File: VX000844.D

Acq: 13 Apr 2018 13:01

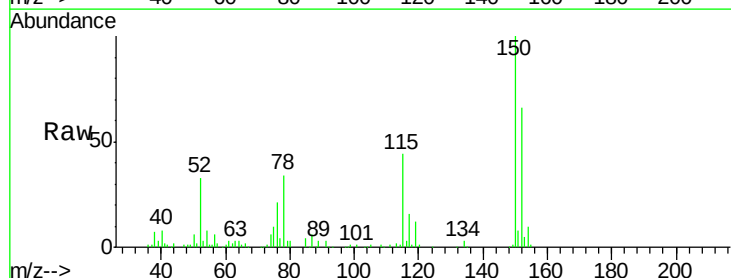
Tgt Ion:119 Resp: 2968

Ion Ratio Lower Upper

119 100

134 32.7 13.6 40.7

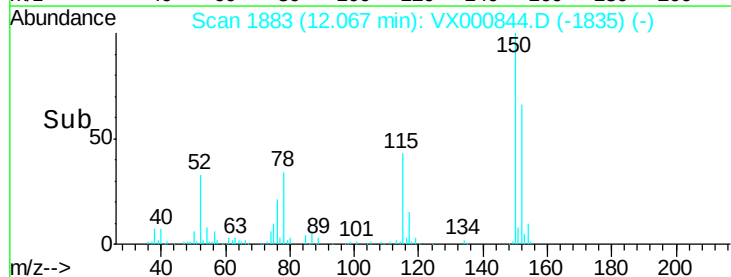
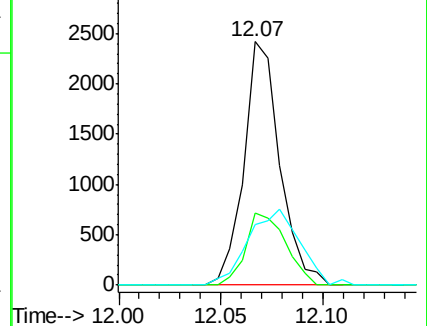
91 44.8 11.2 33.5#

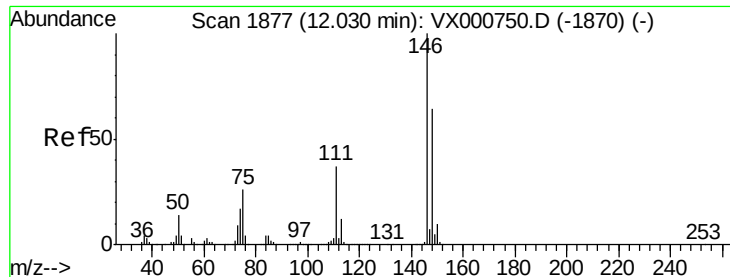


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

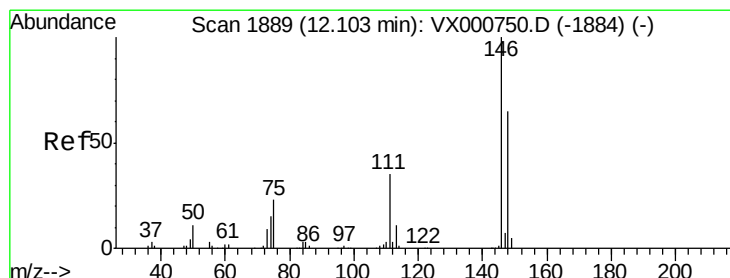
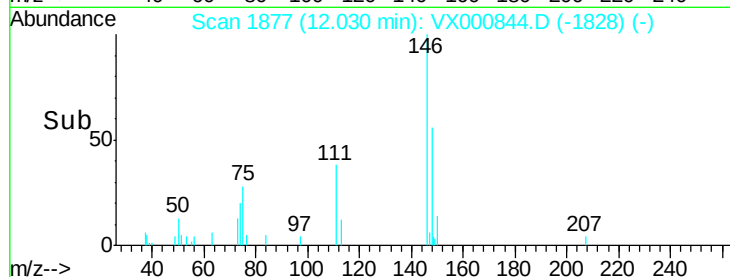
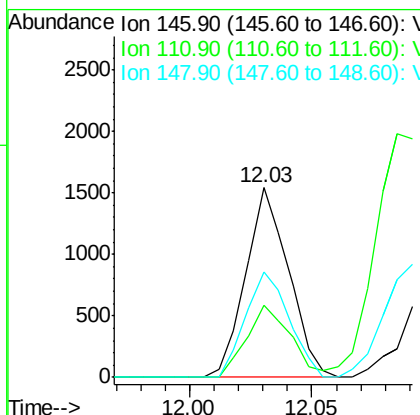
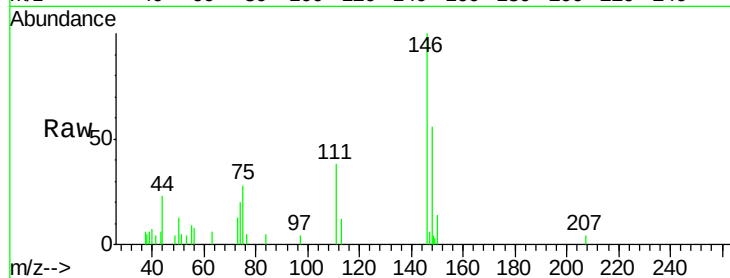




#87
 1,3-Dichlorobenzene
 Concen: 0.25 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX000844.D
 Acq: 13 Apr 2018 13:01

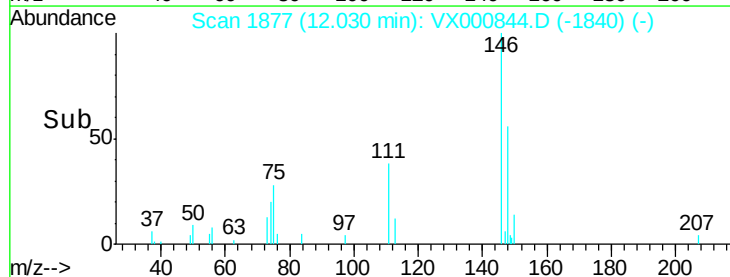
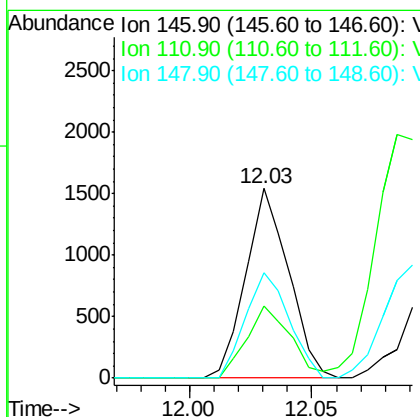
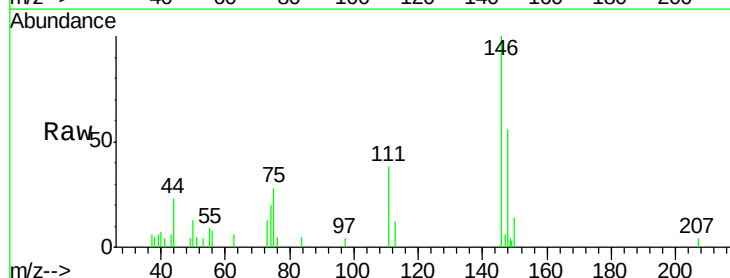
Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2018

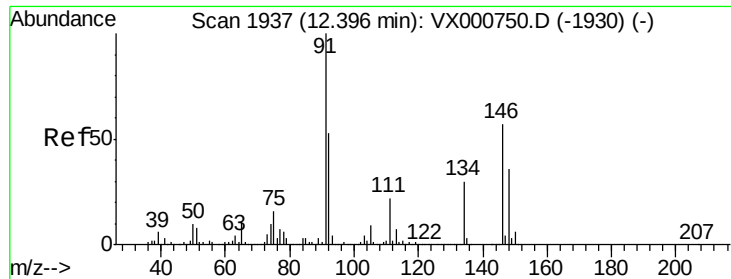
Tgt Ion:146 Resp: 1881
 Ion Ratio Lower Upper
 146 100
 111 39.2 18.3 54.8
 148 56.5 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 0.24 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.07 min
 Lab File: VX000844.D
 Acq: 13 Apr 2018 13:01

Tgt Ion:146 Resp: 1881
 Ion Ratio Lower Upper
 146 100
 111 39.2 17.9 53.8
 148 56.5 32.6 97.7

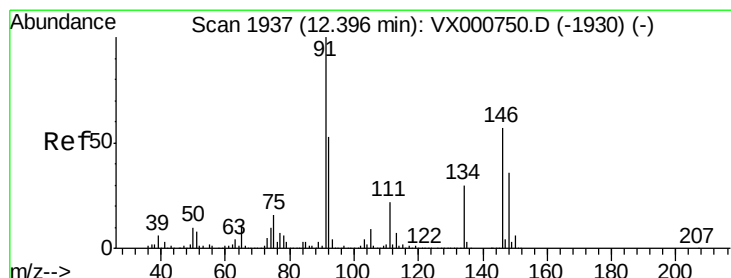
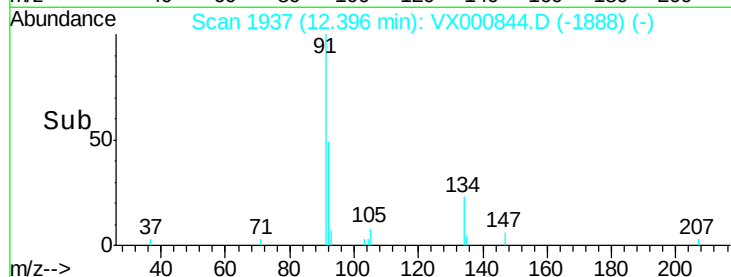
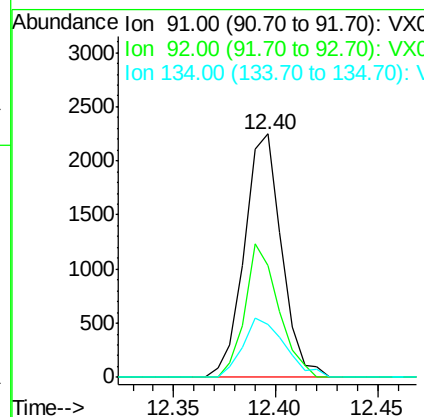
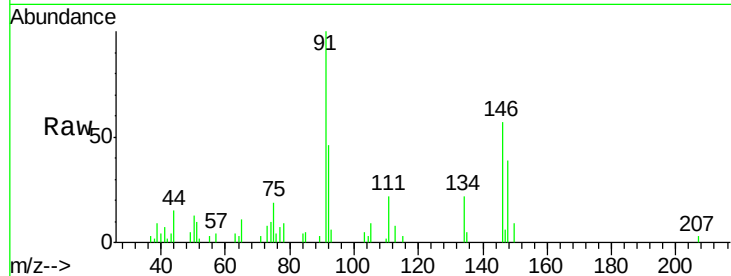




#89
n-Butylbenzene
Concen: 0.24 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX000844.D
Acq: 13 Apr 2018 13:01

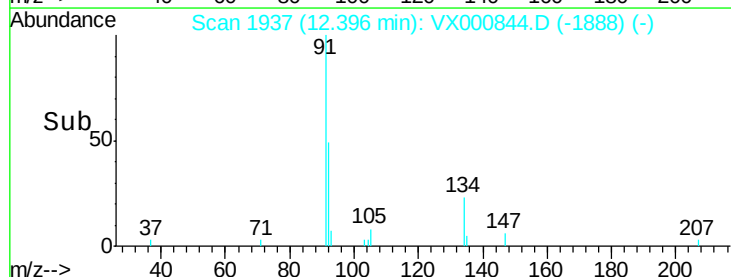
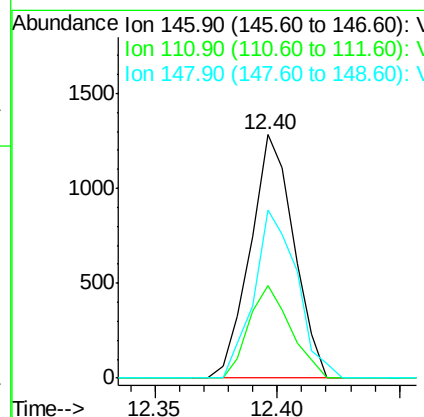
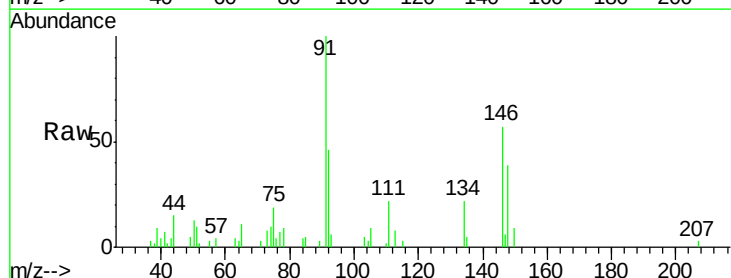
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2018

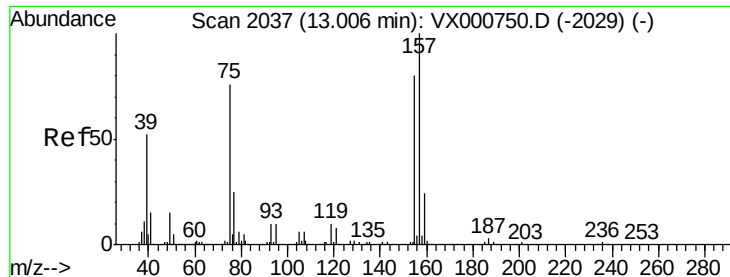
Tgt Ion: 91 Resp: 2854
Ion Ratio Lower Upper
91 100
92 49.2 26.5 79.5
134 27.2 14.5 43.5



#91
1,2-Dichlorobenzene
Concen: 0.22 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX000844.D
Acq: 13 Apr 2018 13:01

Tgt Ion: 146 Resp: 1596
Ion Ratio Lower Upper
146 100
111 36.3 18.9 56.7
148 68.4 32.0 96.2





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.20 ug/l

RT: 13.01 min Scan# 2038

Delta R.T. 0.01 min

Lab File: VX000844.D

Acq: 13 Apr 2018 13:01

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2018

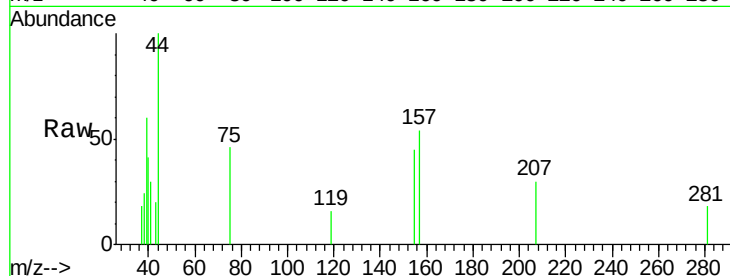
Tgt Ion: 75 Resp: 205

Ion Ratio Lower Upper

75 100

155 66.8 51.9 155.8

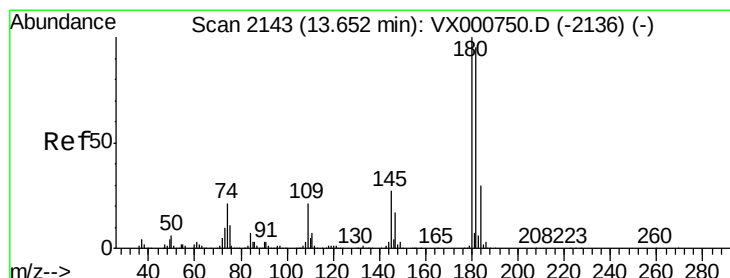
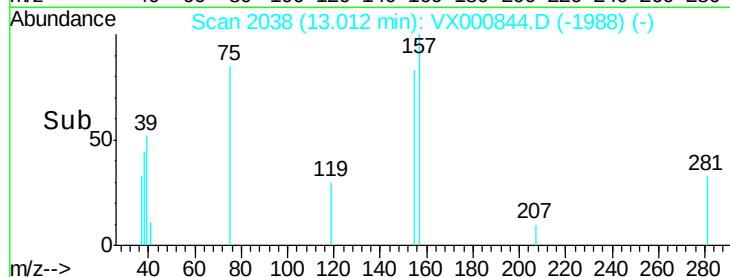
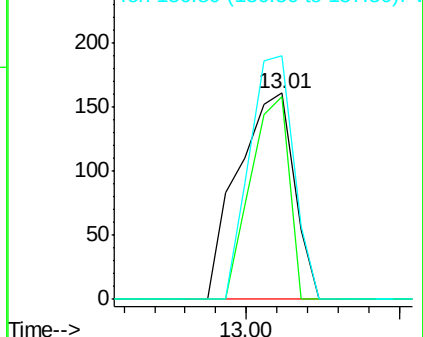
157 93.2 66.6 199.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#93

1,2,4-Trichlorobenzene

Concen: 0.28 ug/l

RT: 13.65 min Scan# 2143

Delta R.T. -0.00 min

Lab File: VX000844.D

Acq: 13 Apr 2018 13:01

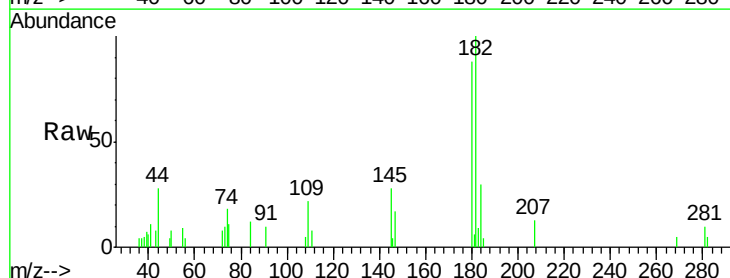
Tgt Ion: 180 Resp: 1771

Ion Ratio Lower Upper

180 100

182 95.9 47.5 142.5

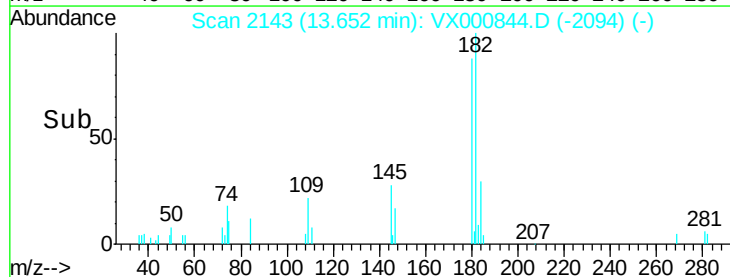
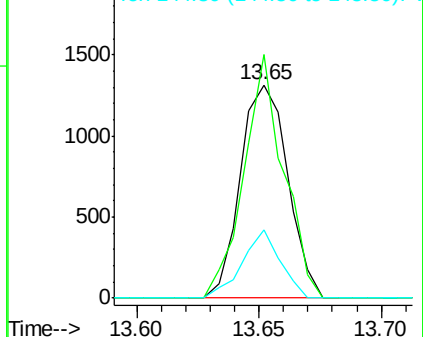
145 25.9 13.8 41.4

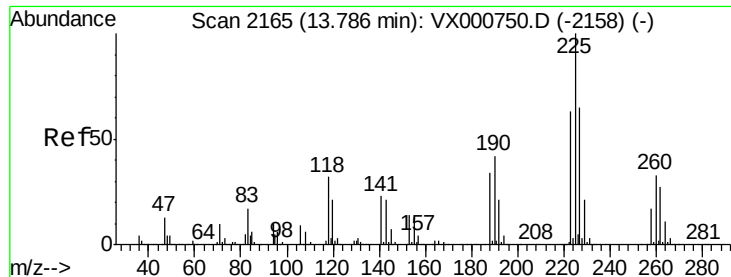


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: 0.23 ug/l

RT: 13.79 min Scan# 2166

Delta R.T. 0.01 min

Lab File: VX000844.D

Acq: 13 Apr 2018 13:01

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2018

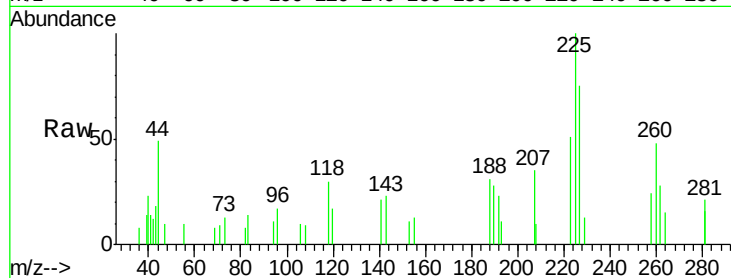
Tgt Ion:225 Resp: 723

Ion Ratio Lower Upper

225 100

223 75.5 31.2 93.6

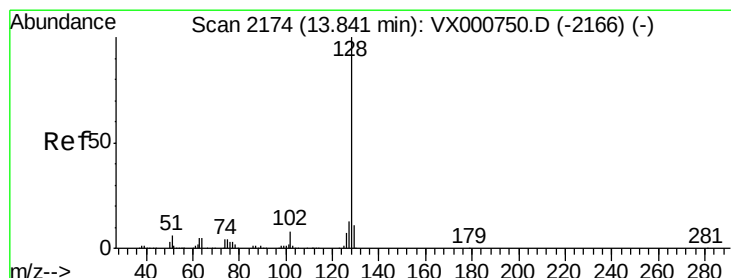
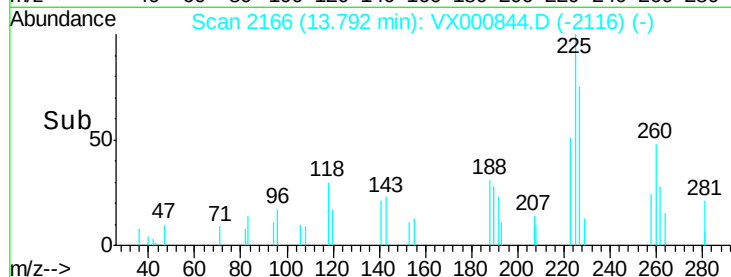
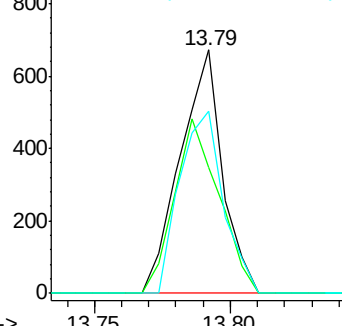
227 77.3 32.3 96.9



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 0.24 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX000844.D

Acq: 13 Apr 2018 13:01

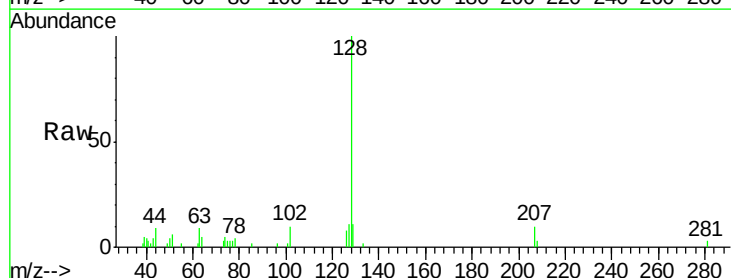
Tgt Ion:128 Resp: 3937

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

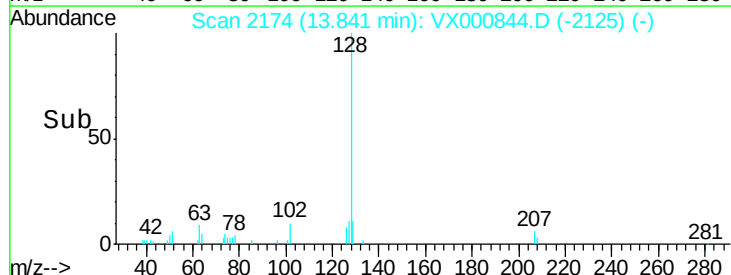
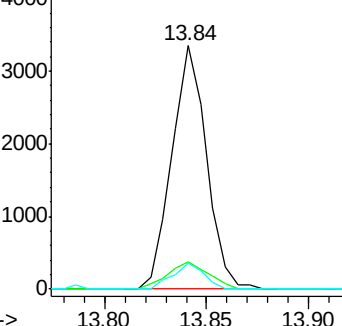
129 9.8 8.7 13.1

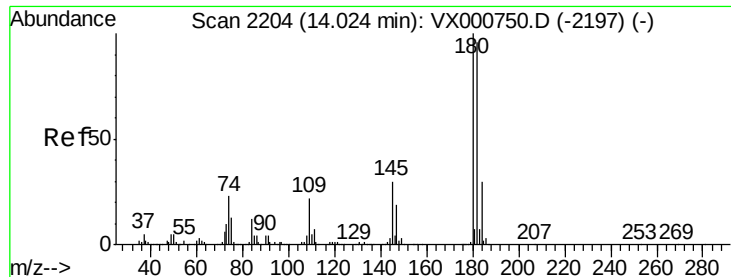


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

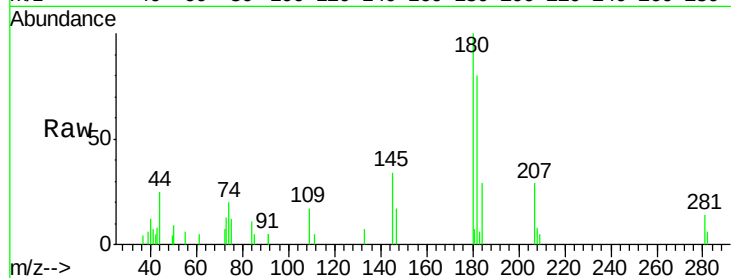




#96
 1,2,3-Trichlorobenzene
 Concen: 0.25 ug/l
 RT: 14.03 min Scan# 2205
 Delta R.T. 0.01 min
 Lab File: VX000844.D
 Acq: 13 Apr 2018 13:01

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

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	48.4	145.2
145	30.8	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

