

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX041318\
 Data File : VX000845.D
 Acq On : 13 Apr 2018 13:27
 Operator : JC/MD
 Sample : J2133-09 MDL 0.2PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT2-2018

Quant Time: Apr 14 05:10:25 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	247456	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	338997	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	315490	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	209697	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	157685	50.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.08%	
35) Dibromofluoromethane	5.51	113	129229	49.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.96%	
50) Toluene-d8	8.72	98	478158	49.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.34%	
62) 4-Bromofluorobenzene	11.14	95	191170	47.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	617	0.22	ug/l	84
3) Chloromethane	1.32	50	618	0.26	ug/l	92
4) Vinyl Chloride	1.40	62	605	0.22	ug/l #	79
5) Bromomethane	1.65	94	701	Below Cal	#	58
6) Chloroethane	1.73	64	781	0.48	ug/l #	71
7) Trichlorofluoromethane	1.93	101	925	0.23	ug/l	98
8) Diethyl Ether	2.20	74	382	0.25	ug/l	58
9) 1,1,2-Trichlorotrifluoroet	2.38	101	615	0.26	ug/l	99
10) Methyl Iodide	2.52	142	642	8.52	ug/l #	85
11) Tert butyl alcohol	3.07	59	714	1.29	ug/l #	16
12) 1,1-Dichloroethene	2.37	96	679	0.30	ug/l #	80
13) Acrolein	2.28	56	194	0.72	ug/l	88
14) Allyl chloride	2.73	41	1053	0.25	ug/l	98
15) Acrylonitrile	3.15	53	1732	1.47	ug/l #	81
16) Acetone	2.45	43	1913	1.78	ug/l #	86
17) Carbon Disulfide	2.57	76	2194	0.32	ug/l	99
18) Methyl Acetate	2.79	43	1053	0.38	ug/l #	89
19) Methyl tert-butyl Ether	3.21	73	1750	0.23	ug/l #	90
20) Methylene Chloride	2.85	84	1009	0.40	ug/l	89
21) trans-1,2-Dichloroethene	3.17	96	872	0.35	ug/l #	73
22) Diisopropyl ether	3.89	45	2467	0.32	ug/l #	63
23) Vinyl Acetate	3.84	43	6927	1.02	ug/l	96
24) 1,1-Dichloroethane	3.70	63	1199	0.28	ug/l #	85
25) 2-Butanone	4.73	43	2398	1.35	ug/l	92
26) 2,2-Dichloropropane	4.59	77	954	0.22	ug/l #	75
27) cis-1,2-Dichloroethene	4.61	96	684	0.24	ug/l	90
28) Bromochloromethane	5.02	49	380	0.22	ug/l #	78
29) Tetrahydrofuran	5.18	42	1599	1.42	ug/l	97
30) Chloroform	5.21	83	1069	0.23	ug/l	95
31) Cyclohexane	5.59	56	1213	0.29	ug/l #	85
32) 1,1,1-Trichloroethane	5.51	97	955	0.22	ug/l #	24
36) 1,1-Dichloropropene	5.81	75	1217	0.33	ug/l	80
37) Ethyl Acetate	4.89	43	765	0.21	ug/l #	68
38) Carbon Tetrachloride	5.79	117	1188	0.28	ug/l #	79

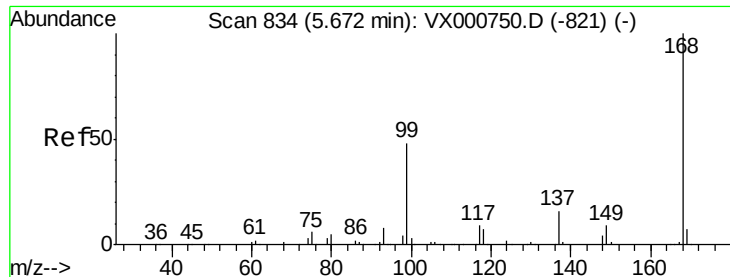
Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX041318\
 Data File : VX000845.D
 Acq On : 13 Apr 2018 13:27
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 ClientSampleId :
 MDL-WATER-03-QT2-2018

Quant Time: Apr 14 05:10:25 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 10 15:49:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	1049	0.23	ug/l	96
40) Benzene	6.15	78	2230	0.21	ug/l #	78
42) 1,2-Dichloroethane	6.21	62	775	0.20	ug/l	86
43) Isopropyl Acetate	6.48	43	1343	0.21	ug/l #	67
44) Trichloroethene	7.21	130	699	0.22	ug/l	92
45) 1,2-Dichloropropane	7.52	63	547	0.21	ug/l #	89
46) Dibromomethane	7.68	93	533	0.29	ug/l #	74
48) Methyl methacrylate	7.79	41	1245	0.38	ug/l #	63
49) 1,4-Dioxane	7.77	88	244	3.75	ug/l #	70
51) 4-Methyl-2-Pentanone	8.66	43	3885	1.06	ug/l	95
52) Toluene	8.79	92	1541	0.22	ug/l	97
53) t-1,3-Dichloropropene	8.45	75	892	0.20	ug/l	96
56) Ethyl methacrylate	9.19	69	918	0.22	ug/l #	80
57) 1,3-Dichloropropane	9.38	76	875	0.20	ug/l #	73
58) 2-Chloroethyl Vinyl ether	8.32	63	1278	0.65	ug/l	99
59) 2-Hexanone	9.51	43	2796	0.99	ug/l	98
61) 1,2-Dibromoethane	9.68	107	654	0.23	ug/l	100
64) Tetrachloroethene	9.35	164	790	0.26	ug/l #	82
65) Chlorobenzene	10.15	112	1735	0.22	ug/l #	81
67) Ethyl Benzene	10.26	91	3019	0.23	ug/l	95
68) m/p-Xylenes	10.37	106	2246	0.43	ug/l	97
69) o-Xylene	10.71	106	1098	0.22	ug/l	95
70) Styrene	10.72	104	1767	0.21	ug/l	94
73) Isopropylbenzene	11.02	105	2752	0.21	ug/l	90
74) N-amyl acetate	6.48	43	1343	0.22	ug/l #	57
75) 1,1,2,2-Tetrachloroethane	11.27	83	873	0.23	ug/l	90
76) 1,2,3-Trichloropropane	11.14	75	92907	25.69	ug/l #	36
77) Bromobenzene	11.26	156	808	0.21	ug/l	84
78) n-propylbenzene	11.37	91	3281	0.22	ug/l	97
79) 2-Chlorotoluene	11.43	91	1992	0.22	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	2298	0.20	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.14	75	92907	70.67	ug/l #	11
82) 4-Chlorotoluene	11.51	91	2529	0.23	ug/l	97
83) tert-Butylbenzene	11.77	119	2488	0.21	ug/l	94
84) 1,2,4-Trimethylbenzene	11.81	105	2684	0.23	ug/l	97
85) sec-Butylbenzene	11.95	105	2838	0.21	ug/l	98
86) p-Isopropyltoluene	12.07	119	2873	0.22	ug/l #	77
87) 1,3-Dichlorobenzene	12.03	146	1888	0.26	ug/l	92
88) 1,4-Dichlorobenzene	12.03	146	1888	0.26	ug/l	91
89) n-Butylbenzene	12.40	91	2605	0.23	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	1627	0.23	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	211	0.22	ug/l	72
93) 1,2,4-Trichlorobenzene	13.65	180	1611	0.27	ug/l	92
94) Hexachlorobutadiene	13.79	225	805	0.28	ug/l	91
95) Naphthalene	13.84	128	3809	0.25	ug/l	96
96) 1,2,3-Trichlorobenzene	14.03	180	1476	0.26	ug/l	92

(#) = 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: VX000845.D

Acq: 13 Apr 2018 13:27

Instrument :

MSVOA_X

ClientSampleId :

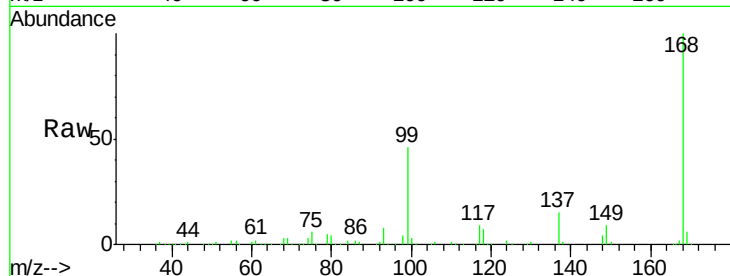
MDL-WATER-03-QT2-2018

Tgt Ion:168 Resp: 247456

Ion Ratio Lower Upper

168 100

99 45.6 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

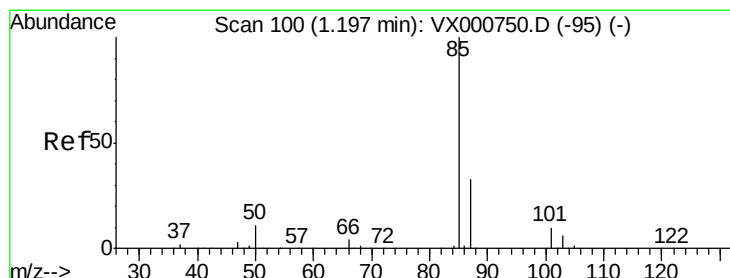
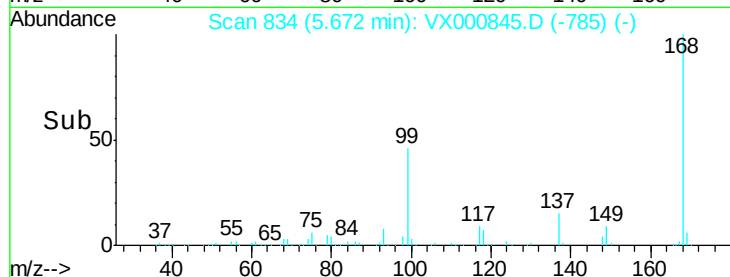
40000

20000

0

5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 0.22 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000845.D

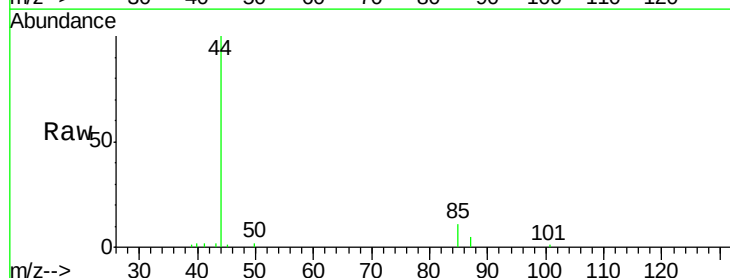
Acq: 13 Apr 2018 13:27

Tgt Ion: 85 Resp: 617

Ion Ratio Lower Upper

85 100

87 41.7 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

600

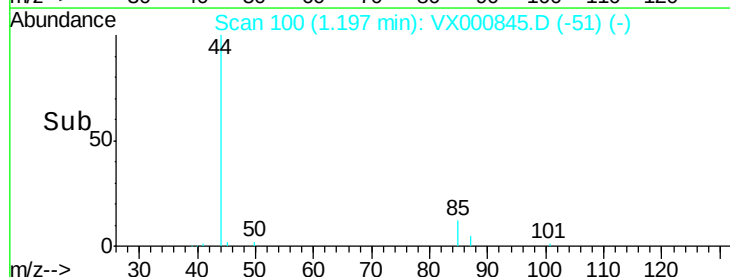
400

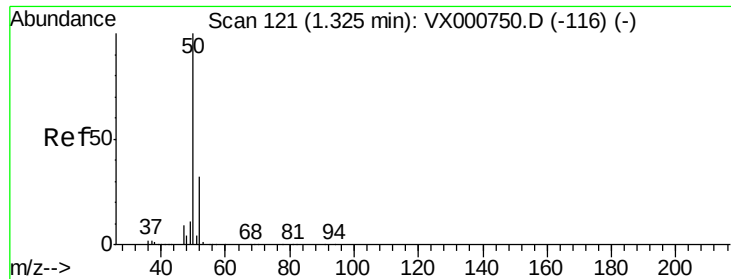
200

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 0.26 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000845.D

Acq: 13 Apr 2018 13:27

Instrument :

MSVOA_X

ClientSampleId :

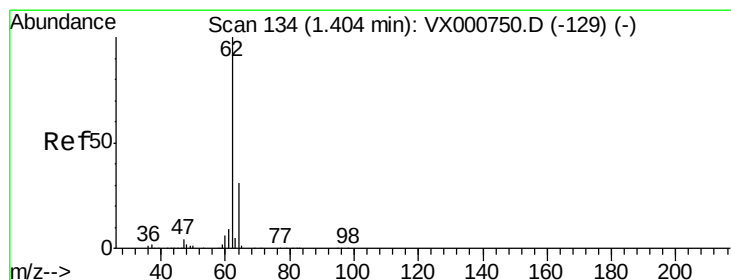
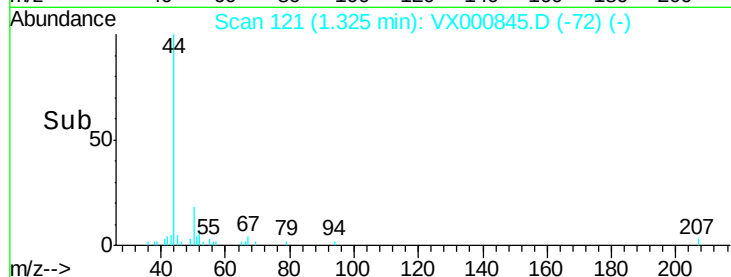
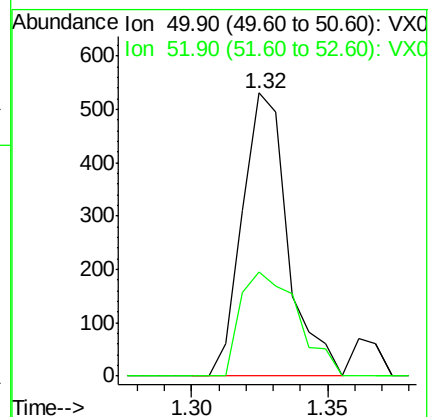
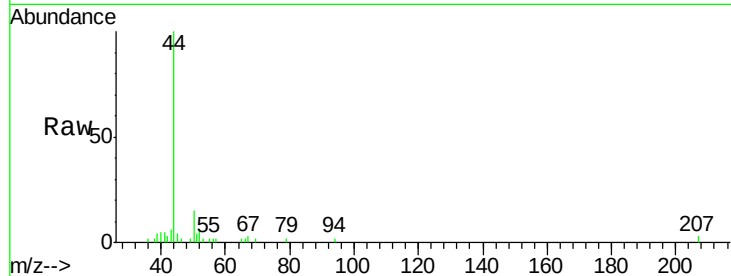
MDL-WATER-03-QT2-2018

Tgt Ion: 50 Resp: 618

Ion Ratio Lower Upper

50 100

52 36.9 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: VX000845.D

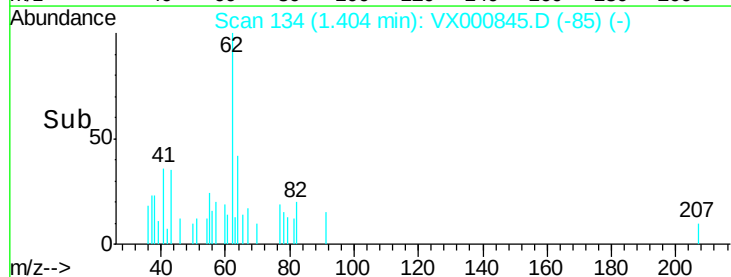
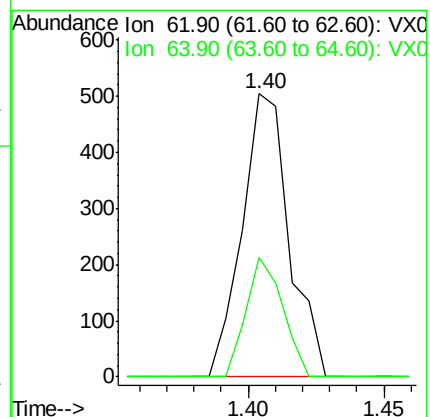
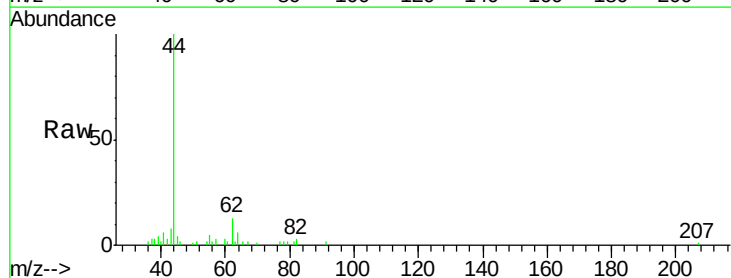
Acq: 13 Apr 2018 13:27

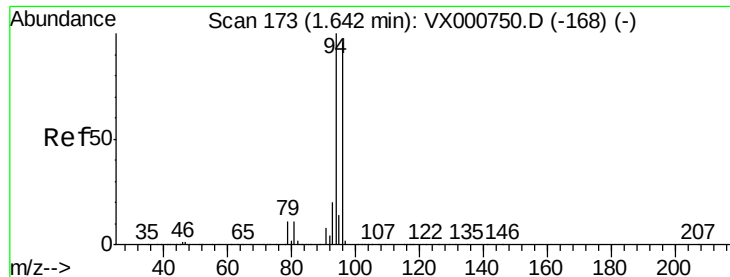
Tgt Ion: 62 Resp: 605

Ion Ratio Lower Upper

62 100

64 42.5 24.6 36.8#





#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX000845.D

Acq: 13 Apr 2018 13:27

Instrument :

MSVOA_X

ClientSampleId :

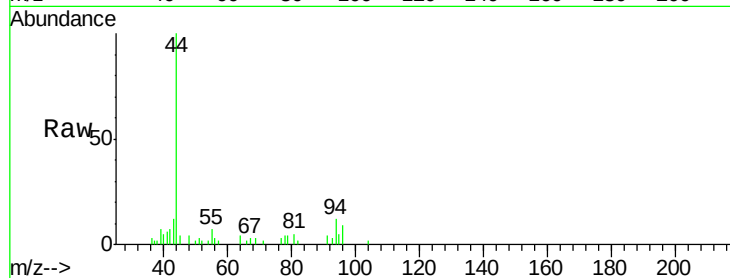
MDL-WATER-03-QT2-2018

Tgt Ion: 94 Resp: 701

Ion Ratio Lower Upper

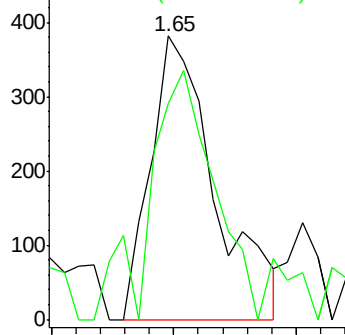
94 100

96 54.7 77.0 115.6#

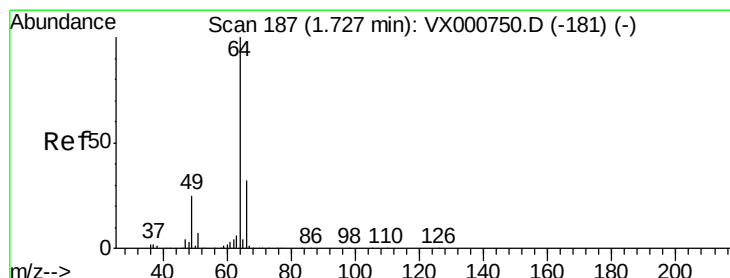
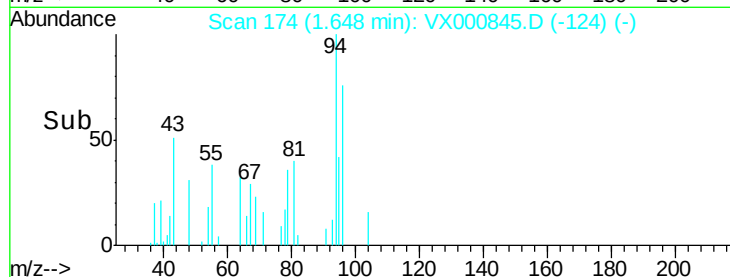


Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



Time-->



#6

Chloroethane

Concen: 0.48 ug/l

RT: 1.73 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX000845.D

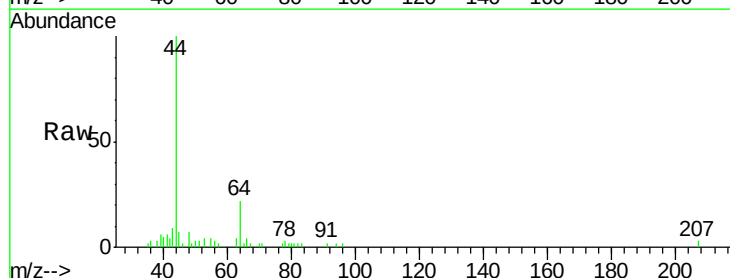
Acq: 13 Apr 2018 13:27

Tgt Ion: 64 Resp: 781

Ion Ratio Lower Upper

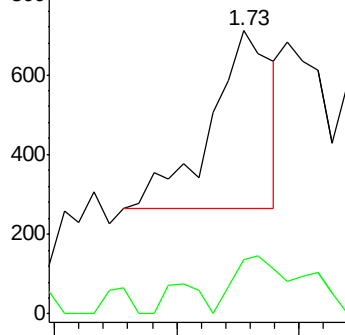
64 100

66 15.5 25.3 37.9#

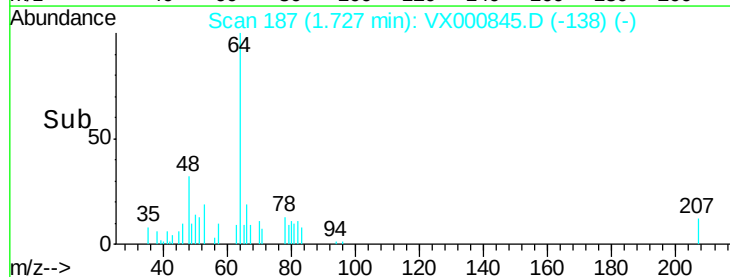


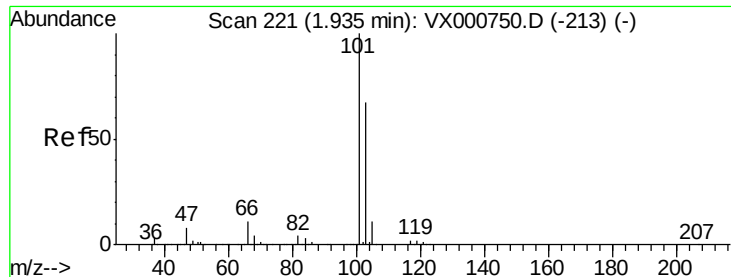
Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



Time-->





#7

Trichlorofluoromethane

Concen: 0.23 ug/l

RT: 1.93 min Scan# 221

Delta R.T. -0.00 min

Lab File: VX000845.D

Acq: 13 Apr 2018 13:27

Instrument :

MSVOA_X

ClientSampleId :

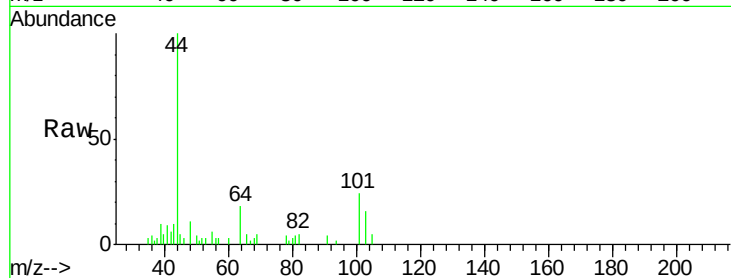
MDL-WATER-03-QT2-2018

Tgt Ion: 101 Resp: 925

Ion Ratio Lower Upper

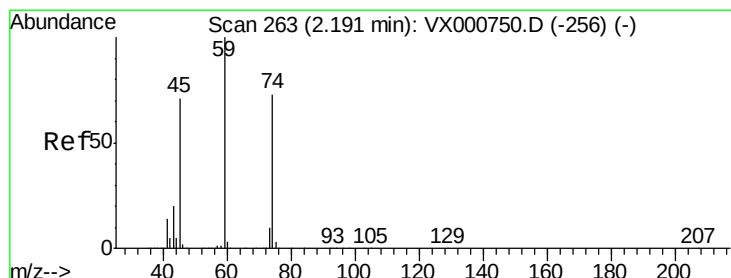
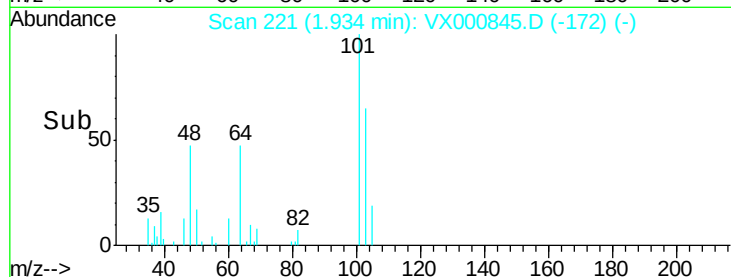
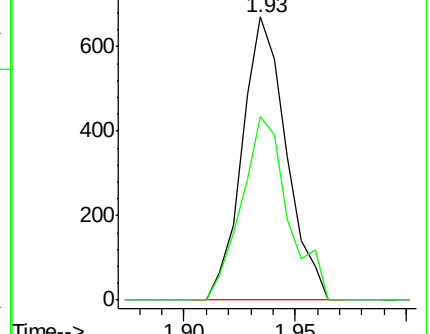
101 100

103 64.8 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: 0.25 ug/l

RT: 2.20 min Scan# 264

Delta R.T. 0.01 min

Lab File: VX000845.D

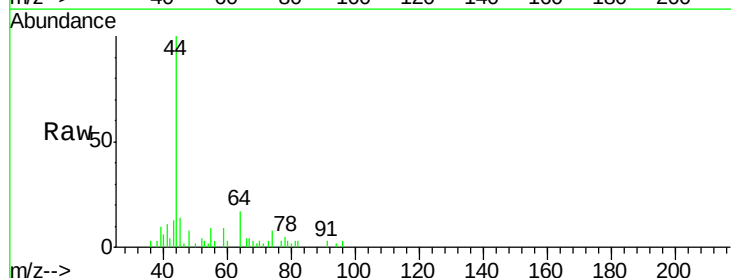
Acq: 13 Apr 2018 13:27

Tgt Ion: 74 Resp: 382

Ion Ratio Lower Upper

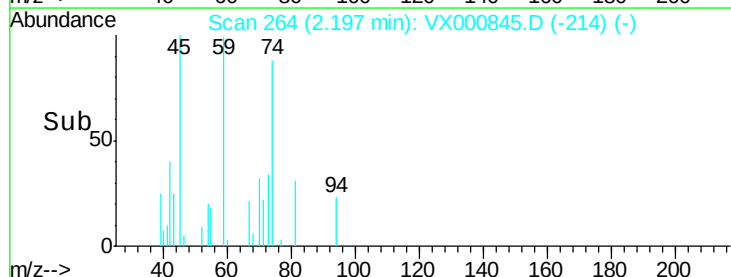
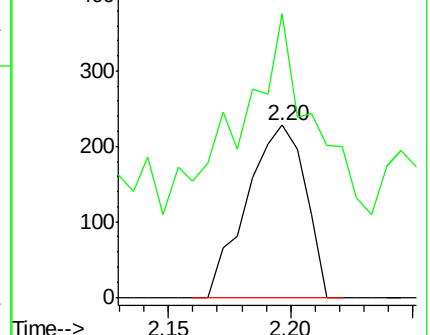
74 100

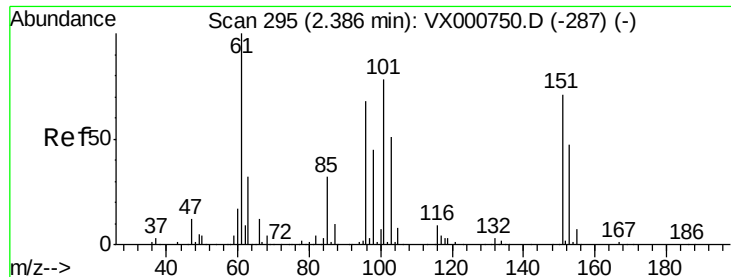
45 138.7 48.6 145.8



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

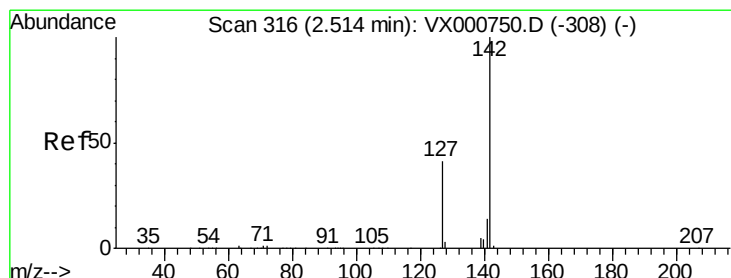
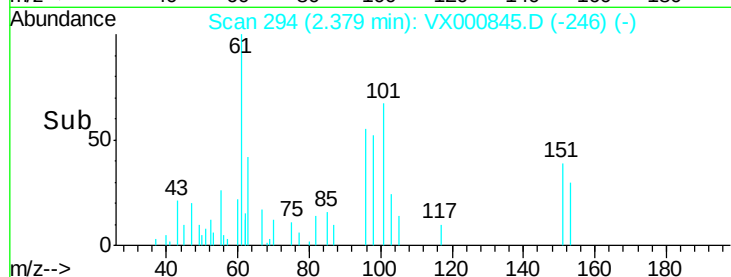
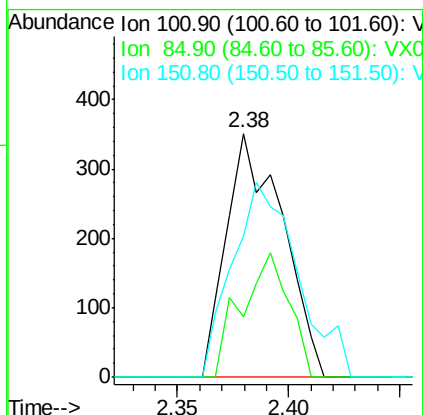
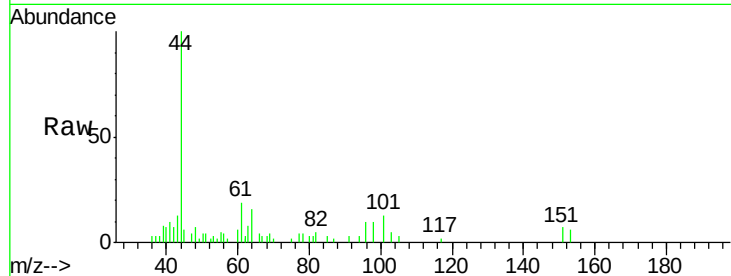




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.26 ug/l
 RT: 2.38 min Scan# 294
 Delta R.T. -0.01 min
 Lab File: VX000845.D
 Acq: 13 Apr 2018 13:27

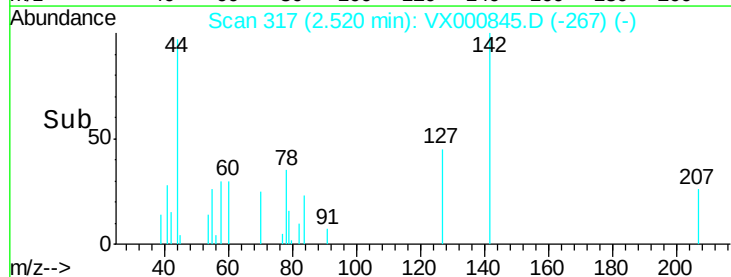
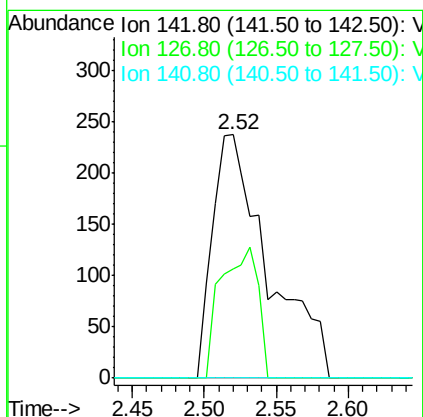
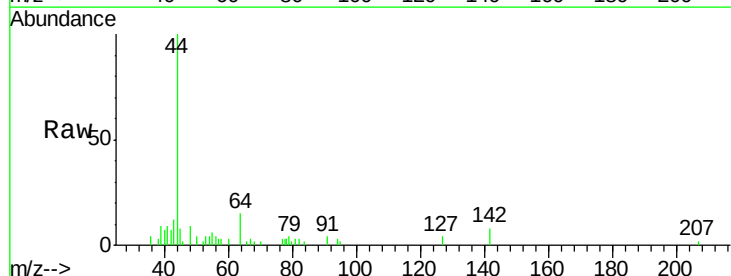
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT2-2018

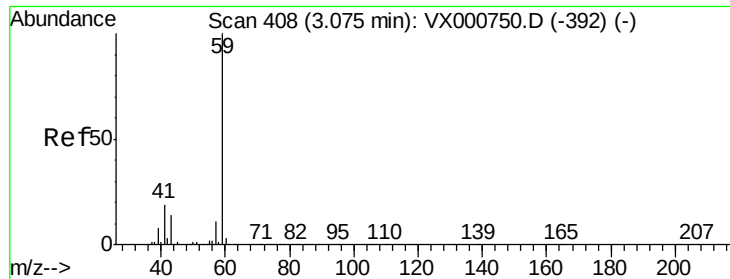
Tgt Ion:101 Resp: 615
 Ion Ratio Lower Upper
 101 100
 85 42.9 34.0 51.0
 151 93.3 75.8 113.8



#10
 Methyl Iodide
 Concen: 8.52 ug/l
 RT: 2.52 min Scan# 317
 Delta R.T. 0.01 min
 Lab File: VX000845.D
 Acq: 13 Apr 2018 13:27

Tgt Ion:142 Resp: 642
 Ion Ratio Lower Upper
 142 100
 127 35.8 32.6 49.0
 141 0.0 11.5 17.3#



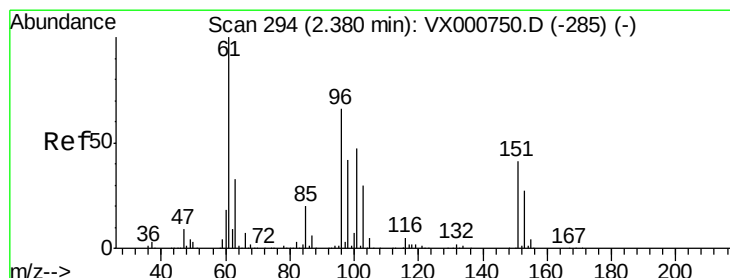
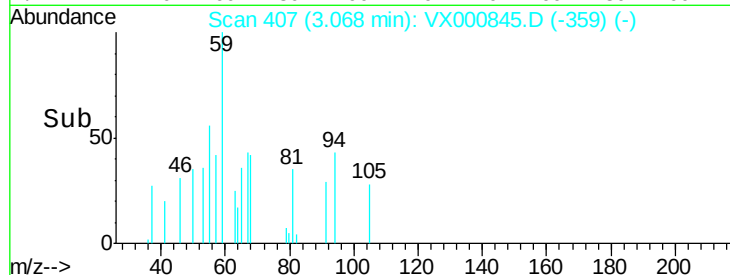
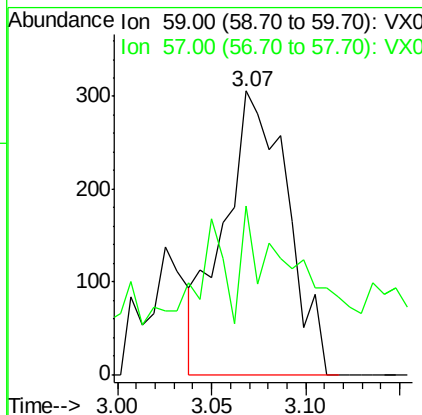
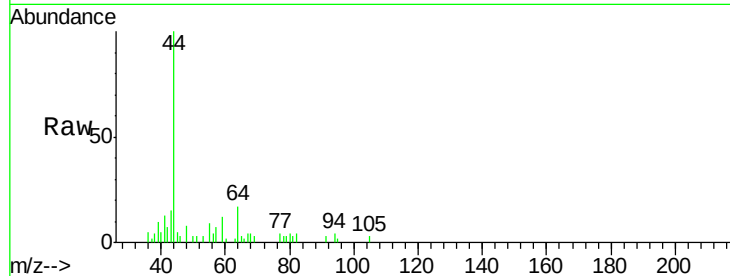


#11

Tert butyl alcohol
 Concen: 1.29 ug/l
 RT: 3.07 min Scan# 407
 Delta R.T. -0.01 min
 Lab File: VX000845.D
 Acq: 13 Apr 2018 13:27

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT2-2018

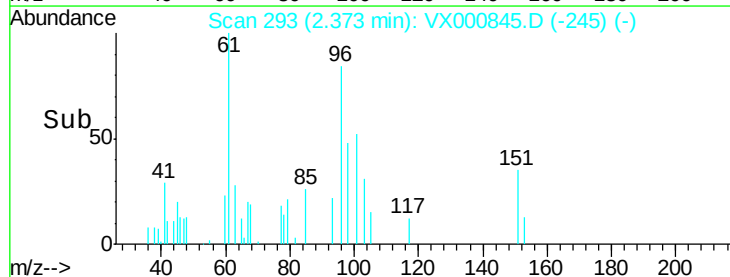
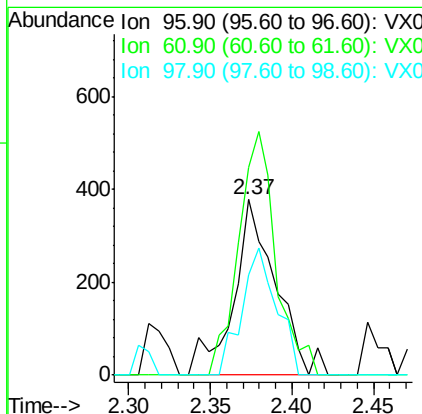
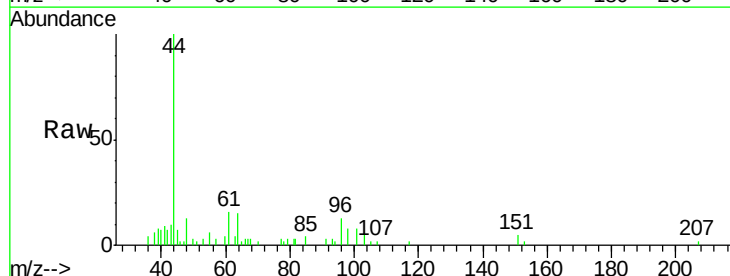
Tgt Ion: 59 Resp: 714
 Ion Ratio Lower Upper
 59 100
 57 42.0 8.4 12.6#

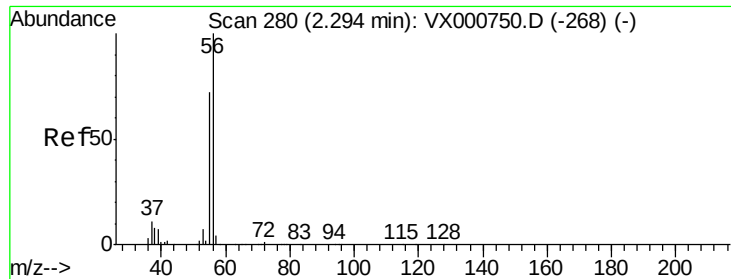


#12

1,1-Dichloroethene
 Concen: 0.30 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. -0.01 min
 Lab File: VX000845.D
 Acq: 13 Apr 2018 13:27

Tgt Ion: 96 Resp: 679
 Ion Ratio Lower Upper
 96 100
 61 118.5 120.5 180.7#
 98 57.4 50.9 76.3





#13

Acrolein

Concen: 0.72 ug/l

RT: 2.28 min Scan# 278

Delta R.T. -0.01 min

Lab File: VX000845.D

Acq: 13 Apr 2018 13:27

Instrument :

MSVOA_X

ClientSampleId :

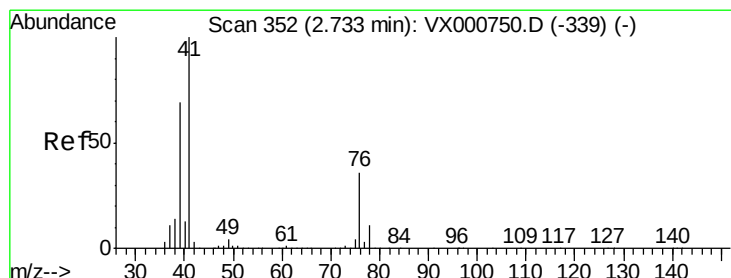
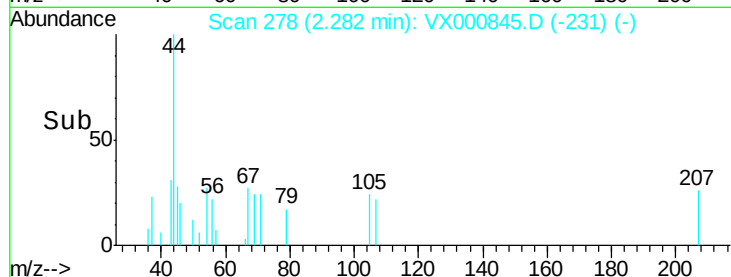
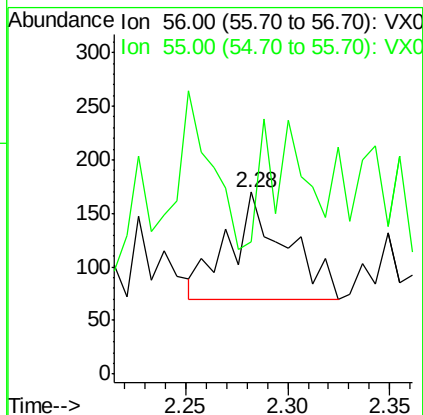
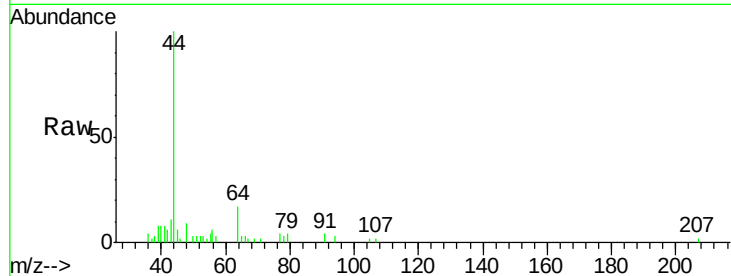
MDL-WATER-03-QT2-2018

Tgt Ion: 56 Resp: 194

Ion Ratio Lower Upper

56 100

55 83.5 58.7 88.1



#14

Allyl chloride

Concen: 0.25 ug/l

RT: 2.73 min Scan# 352

Delta R.T. -0.00 min

Lab File: VX000845.D

Acq: 13 Apr 2018 13:27

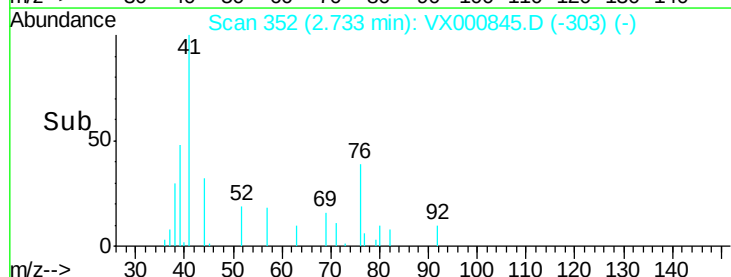
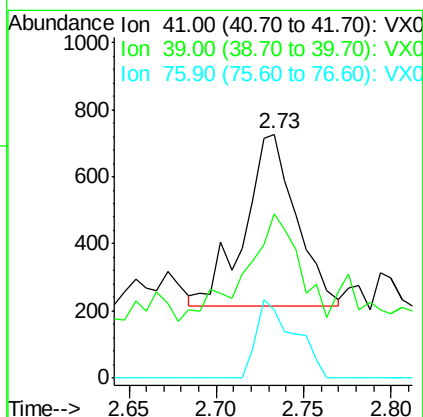
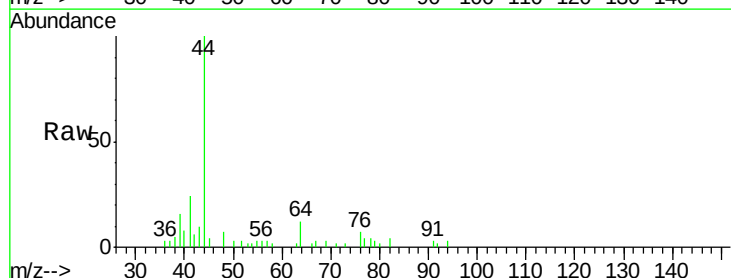
Tgt Ion: 41 Resp: 1053

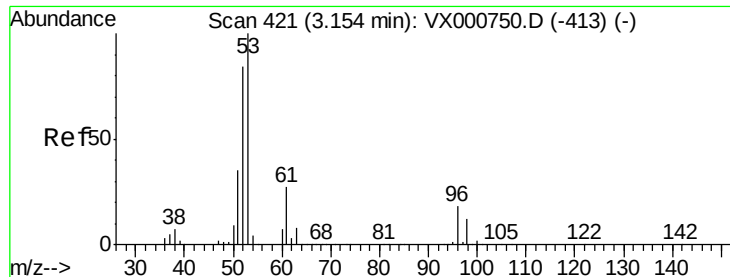
Ion Ratio Lower Upper

41 100

39 65.7 51.5 77.3

76 33.9 26.5 39.7





#15

Acrylonitrile

Concen: 1.47 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX000845.D

Acq: 13 Apr 2018 13:27

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2018

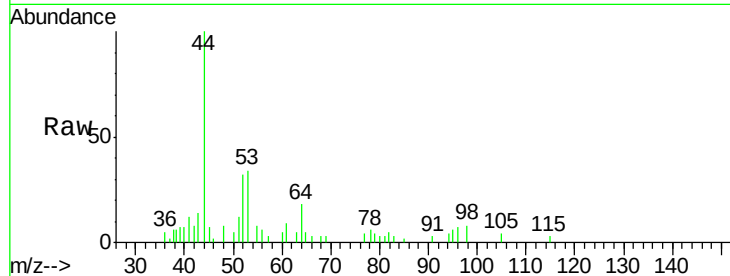
Tgt Ion: 53 Resp: 1732

Ion Ratio Lower Upper

53 100

52 94.5 66.5 99.7

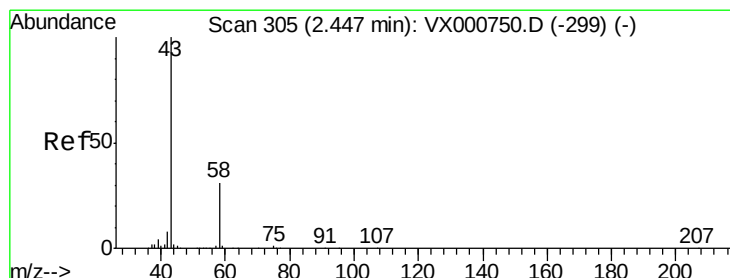
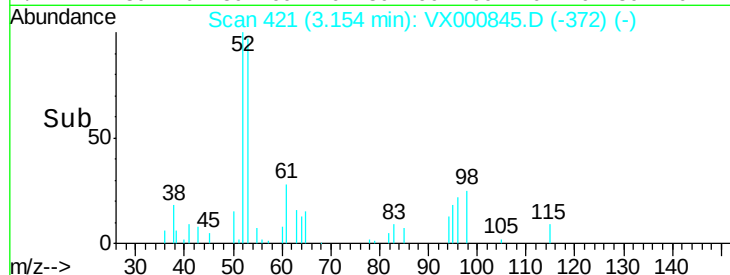
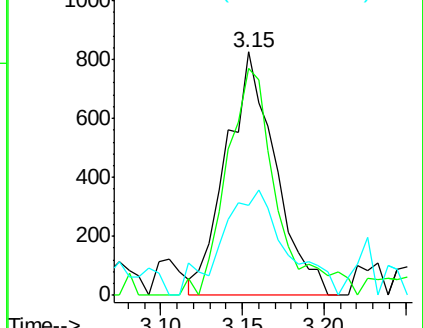
51 56.5 28.8 43.2#



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 1.78 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX000845.D

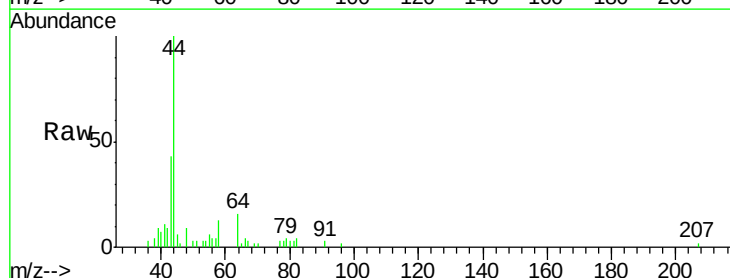
Acq: 13 Apr 2018 13:27

Tgt Ion: 43 Resp: 1913

Ion Ratio Lower Upper

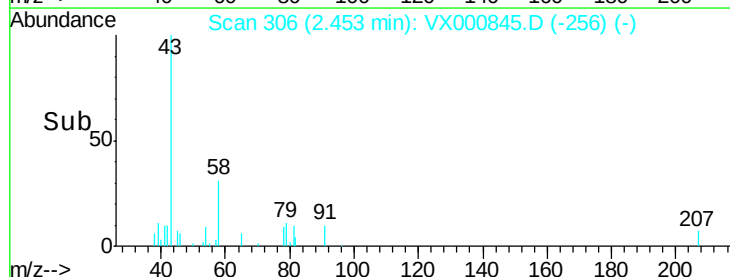
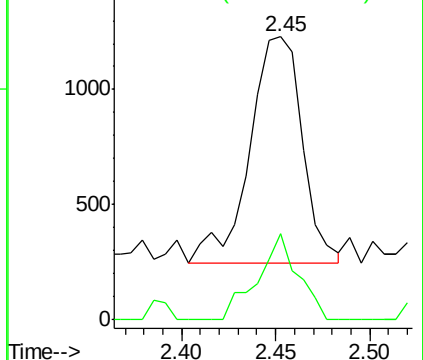
43 100

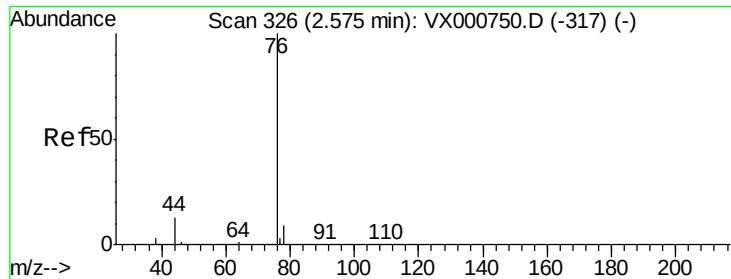
58 38.2 24.6 37.0#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

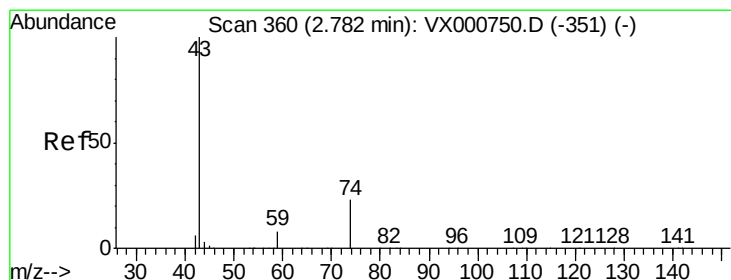
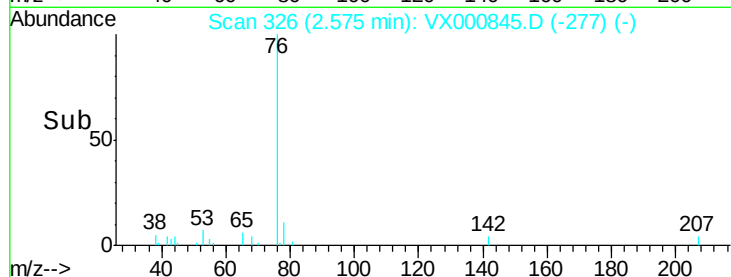
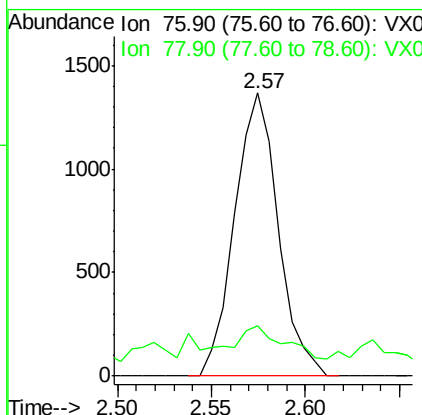
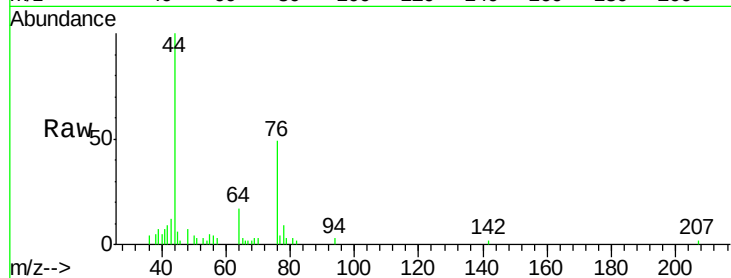




#17
Carbon Disulfide
Concen: 0.32 ug/l
RT: 2.57 min Scan# 326
Delta R.T. -0.00 min
Lab File: VX000845.D
Acq: 13 Apr 2018 13:27

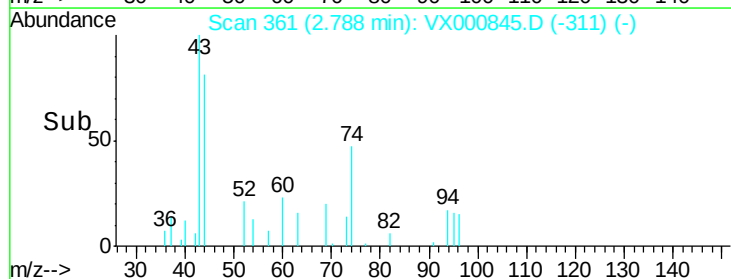
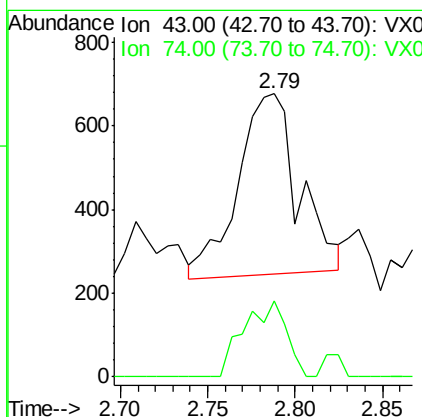
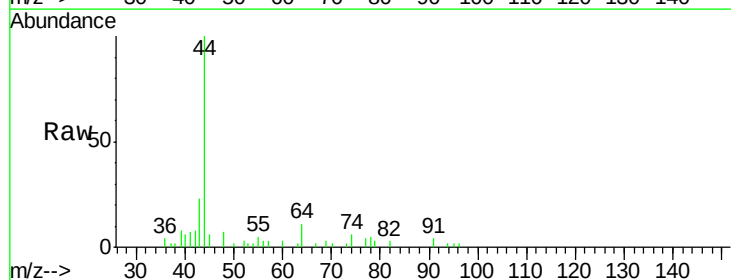
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2018

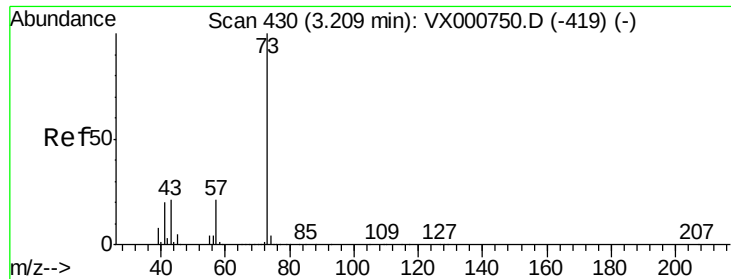
Tgt Ion: 76 Resp: 2194
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.2



#18
Methyl Acetate
Concen: 0.38 ug/l
RT: 2.79 min Scan# 361
Delta R.T. 0.01 min
Lab File: VX000845.D
Acq: 13 Apr 2018 13:27

Tgt Ion: 43 Resp: 1053
Ion Ratio Lower Upper
43 100
74 29.5 19.1 28.7#





#19

Methyl tert-butyl Ether

Concen: 0.23 ug/l

RT: 3.21 min Scan# 430

Delta R.T. -0.00 min

Lab File: VX000845.D

Acq: 13 Apr 2018 13:27

Instrument :

MSVOA_X

ClientSampleId :

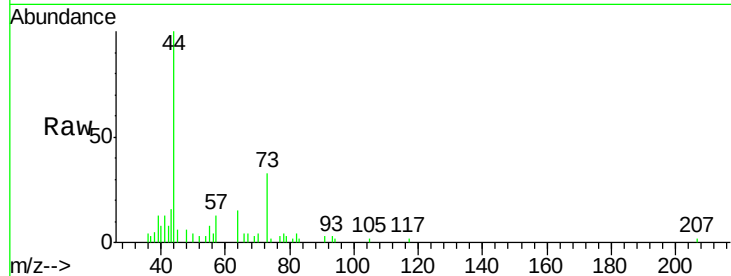
MDL-WATER-03-QT2-2018

Tgt Ion: 73 Resp: 1750

Ion Ratio Lower Upper

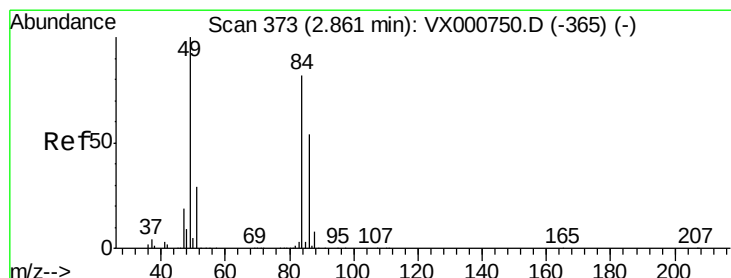
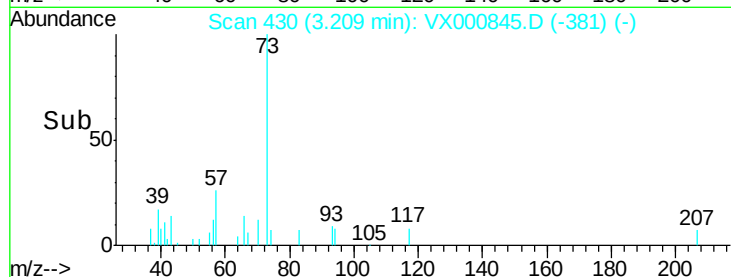
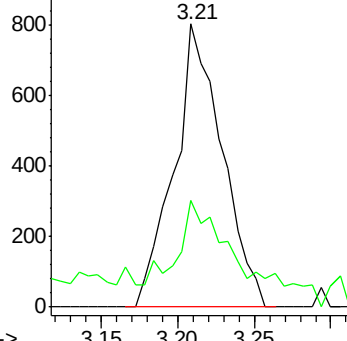
73 100

57 25.7 16.9 25.3#



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#20

Methylene Chloride

Concen: 0.40 ug/l

RT: 2.85 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX000845.D

Acq: 13 Apr 2018 13:27

Tgt Ion: 84 Resp: 1009

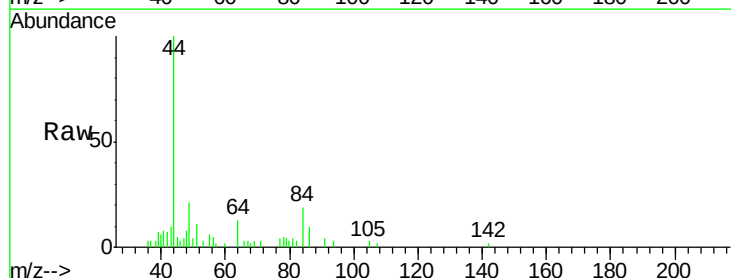
Ion Ratio Lower Upper

84 100

49 111.2 98.1 147.1

51 41.5 28.9 43.3

86 54.8 52.7 79.1

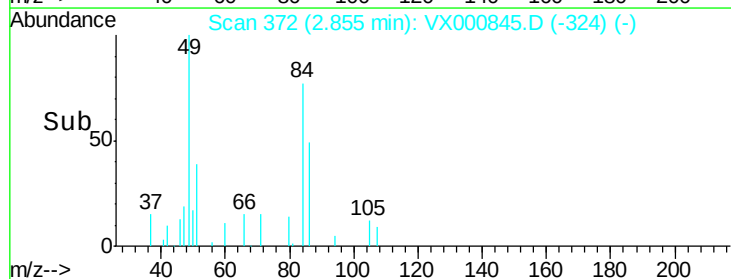
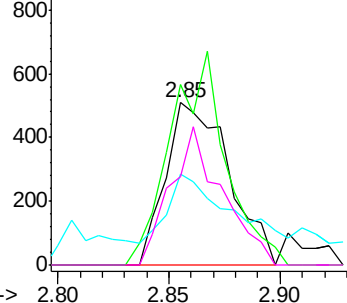


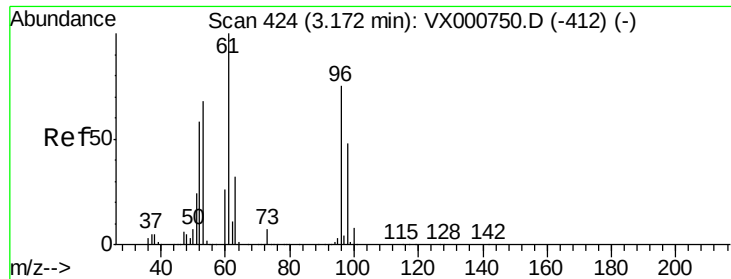
Abundance Ion 83.90 (83.60 to 84.60): VX0

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





#21

trans-1,2-Dichloroethene

Concen: 0.35 ug/l

RT: 3.17 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX000845.D

Acq: 13 Apr 2018 13:27

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2018

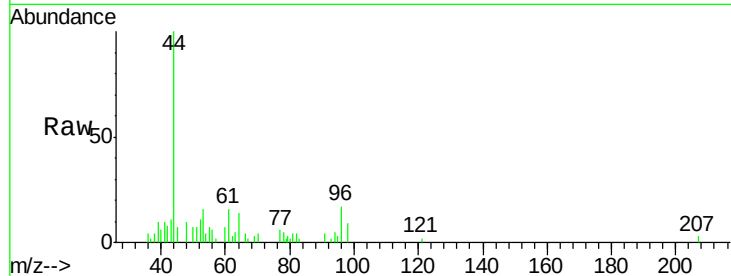
Tgt Ion: 96 Resp: 872

Ion Ratio Lower Upper

96 100

61 92.1 106.2 159.2#

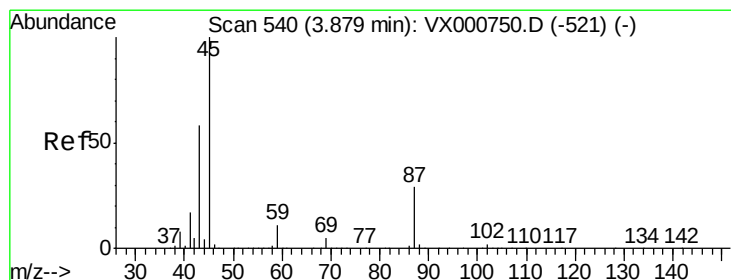
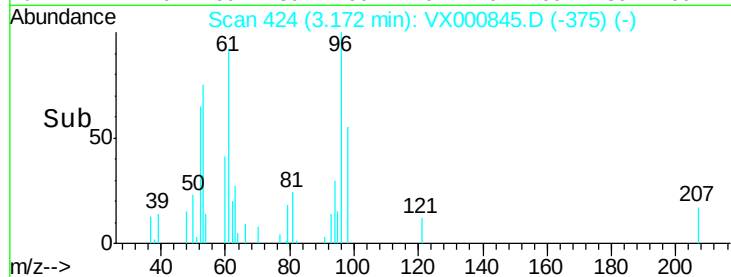
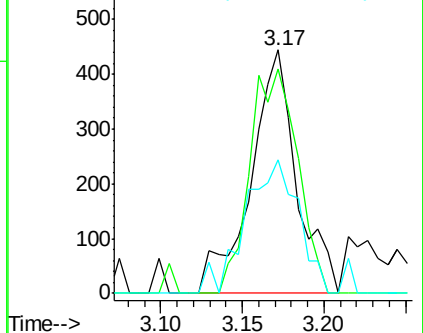
98 55.2 51.2 76.8



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: 0.32 ug/l

RT: 3.89 min Scan# 541

Delta R.T. 0.01 min

Lab File: VX000845.D

Acq: 13 Apr 2018 13:27

Tgt Ion: 45 Resp: 2467

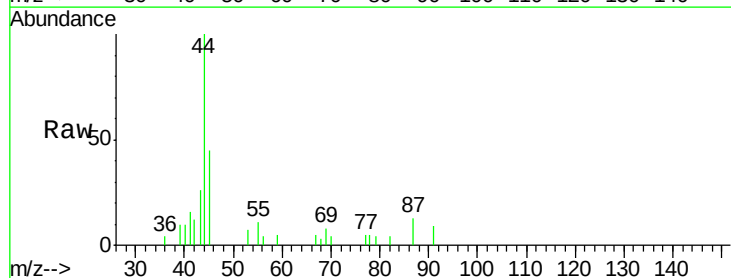
Ion Ratio Lower Upper

45 100

43 12.6 46.6 69.8#

87 29.8 22.9 34.3

59 11.1 9.2 13.8

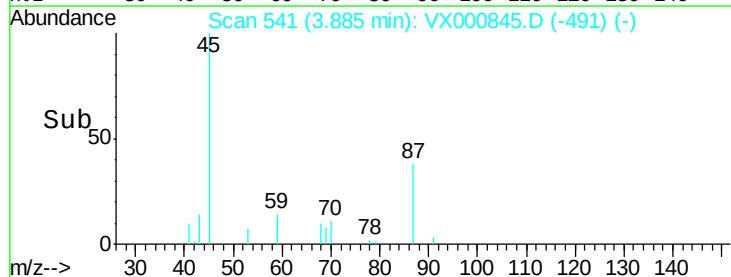
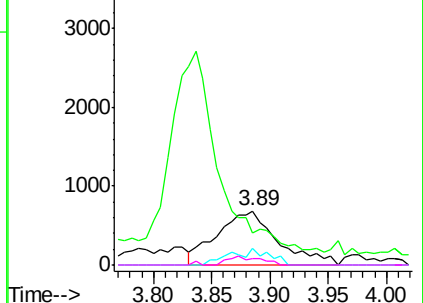


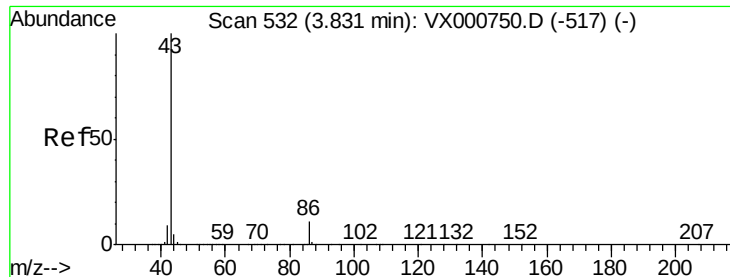
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 1.02 ug/l

RT: 3.84 min Scan# 533

Delta R.T. 0.01 min

Lab File: VX000845.D

Acq: 13 Apr 2018 13:27

Instrument :

MSVOA_X

ClientSampleId :

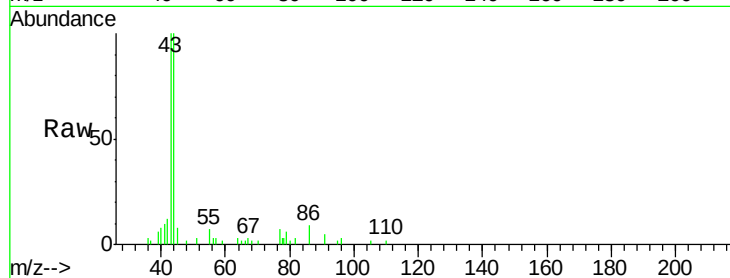
MDL-WATER-03-QT2-2018

Tgt Ion: 43 Resp: 6927

Ion Ratio Lower Upper

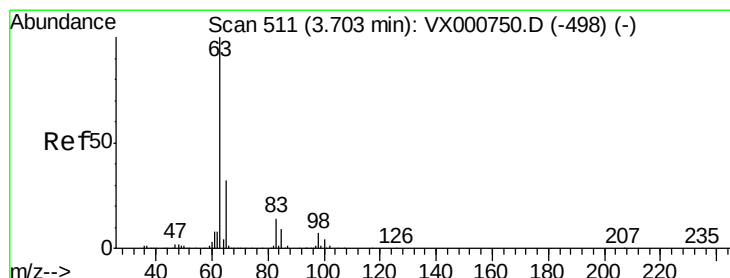
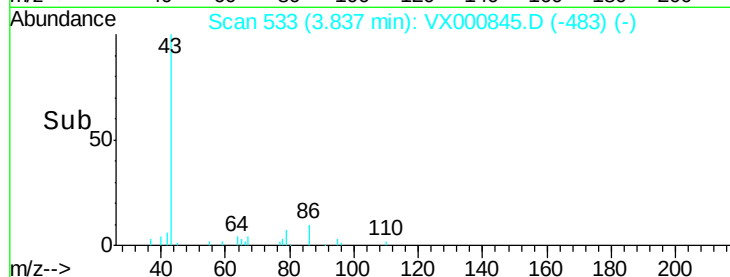
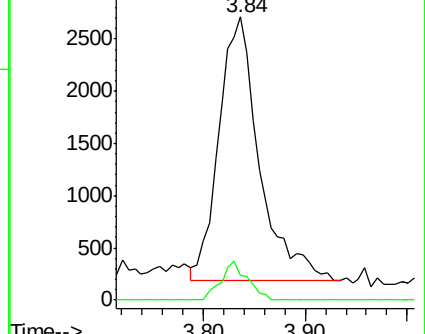
43 100

86 9.3 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: VX000845.D

Acq: 13 Apr 2018 13:27

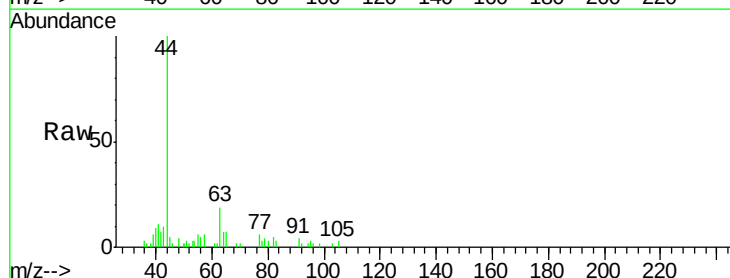
Tgt Ion: 63 Resp: 1199

Ion Ratio Lower Upper

63 100

98 12.0 3.3 9.9#

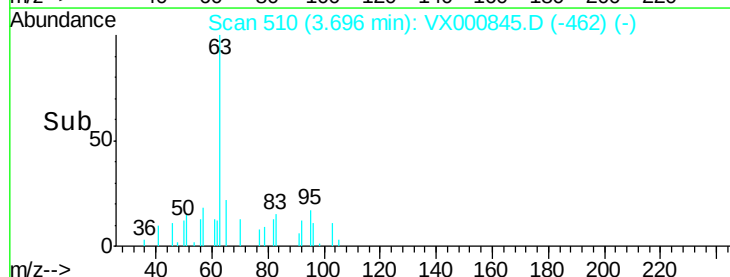
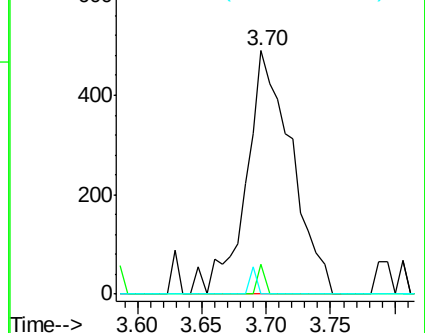
100 0.0 2.1 6.3#

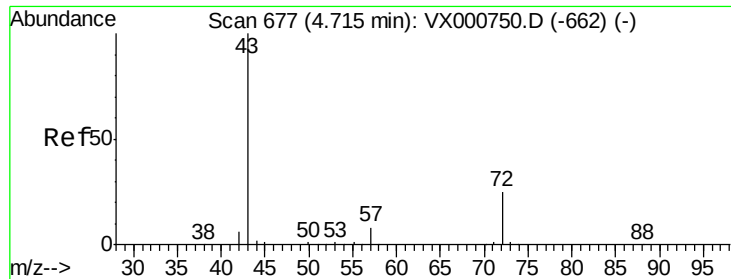


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

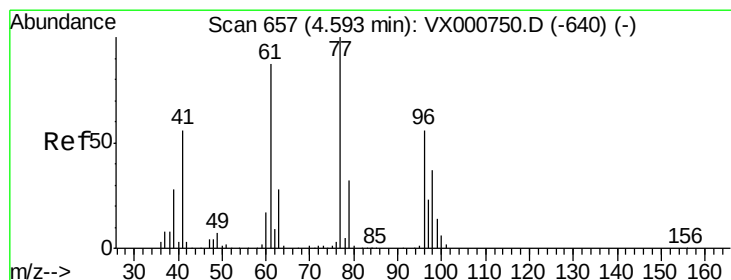
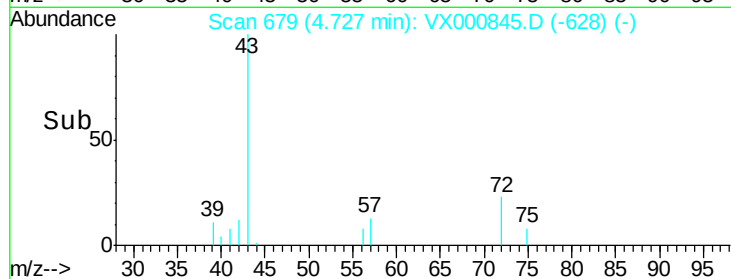
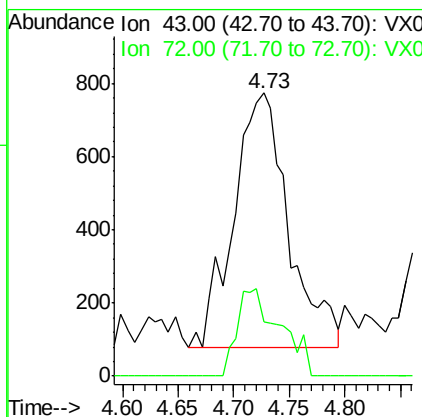
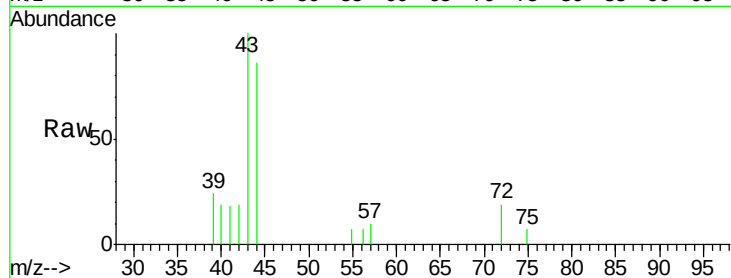




#25
 2-Butanone
 Concen: 1.35 ug/l
 RT: 4.73 min Scan# 679
 Delta R.T. 0.01 min
 Lab File: VX000845.D
 Acq: 13 Apr 2018 13:27

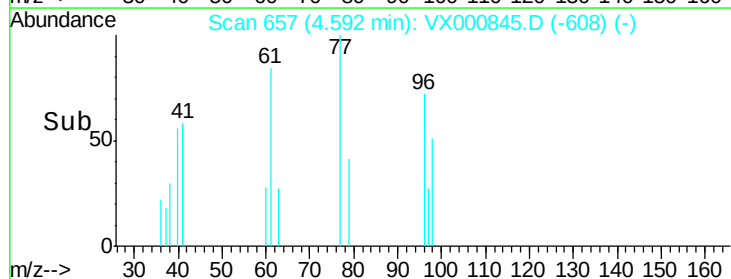
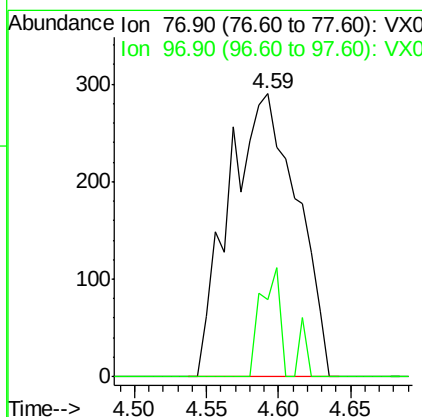
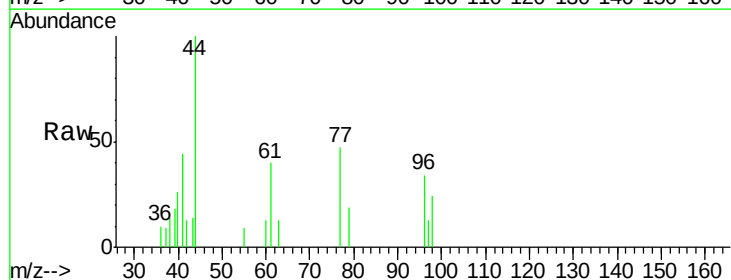
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT2-2018

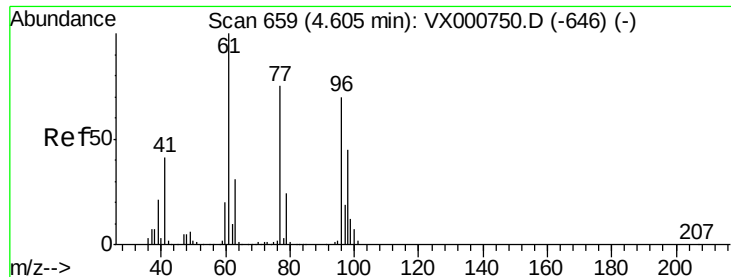
Tgt Ion: 43 Resp: 2398
 Ion Ratio Lower Upper
 43 100
 72 21.1 20.3 30.5



#26
 2,2-Dichloropropane
 Concen: 0.22 ug/l
 RT: 4.59 min Scan# 657
 Delta R.T. -0.00 min
 Lab File: VX000845.D
 Acq: 13 Apr 2018 13:27

Tgt Ion: 77 Resp: 954
 Ion Ratio Lower Upper
 77 100
 97 10.6 11.5 34.4#





#27

cis-1,2-Dichloroethene

Concen: 0.24 ug/l

RT: 4.61 min Scan# 660

Delta R.T. 0.01 min

Lab File: VX000845.D

Acq: 13 Apr 2018 13:27

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2018

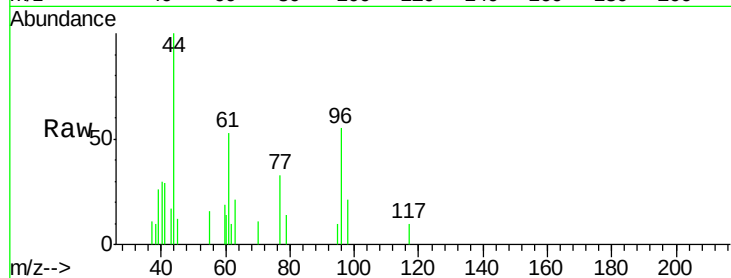
Tgt Ion: 96 Resp: 684

Ion Ratio Lower Upper

96 100

61 148.7 0.0 292.4

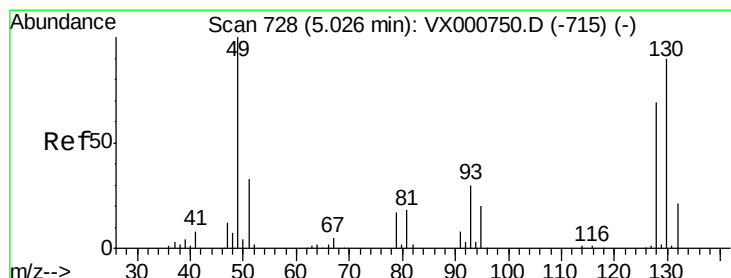
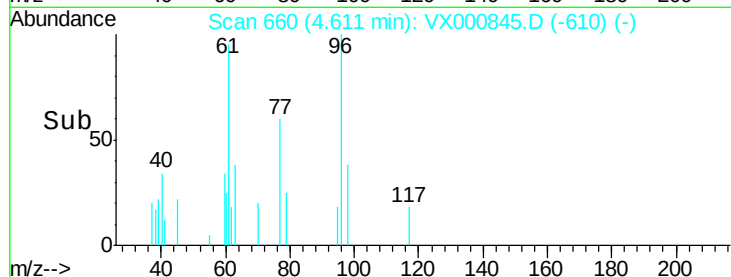
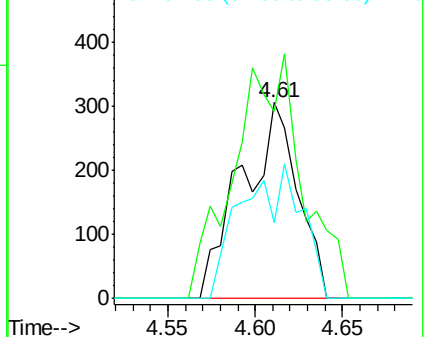
98 43.4 0.0 130.2



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



#28

Bromochloromethane

Concen: 0.22 ug/l

RT: 5.02 min Scan# 727

Delta R.T. -0.01 min

Lab File: VX000845.D

Acq: 13 Apr 2018 13:27

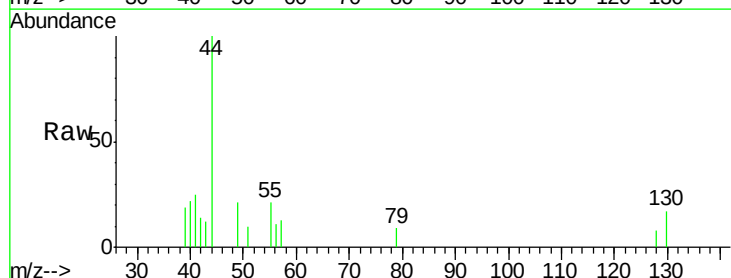
Tgt Ion: 49 Resp: 380

Ion Ratio Lower Upper

49 100

129 0.0 0.0 5.2

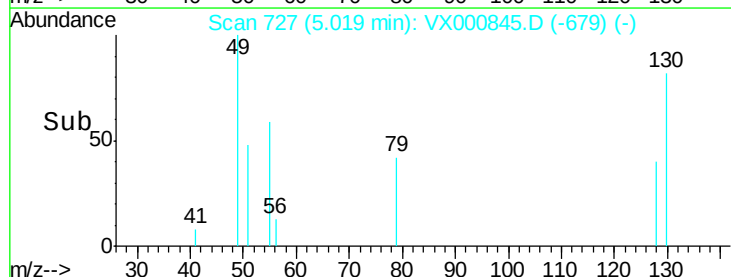
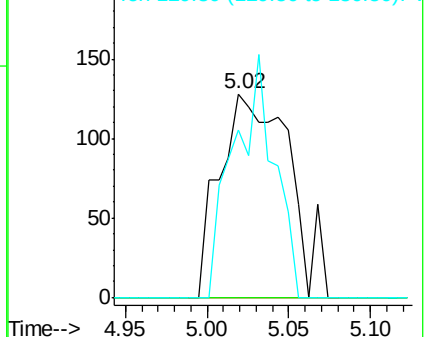
130 70.0 72.6 109.0#

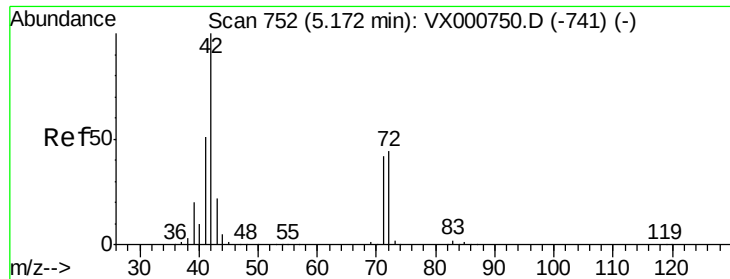


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

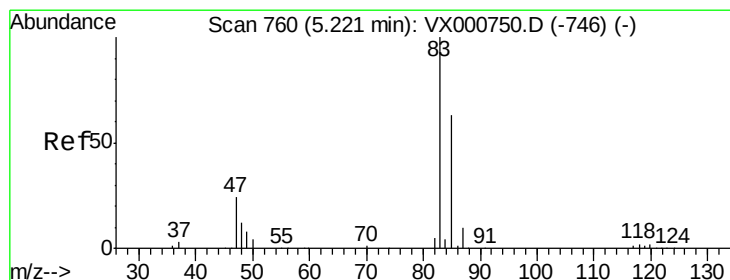
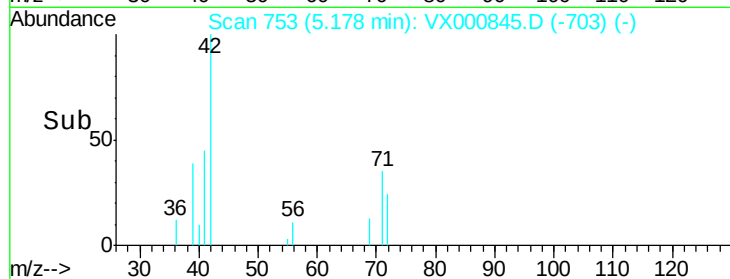
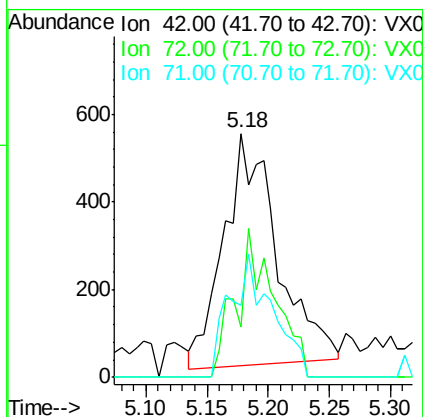
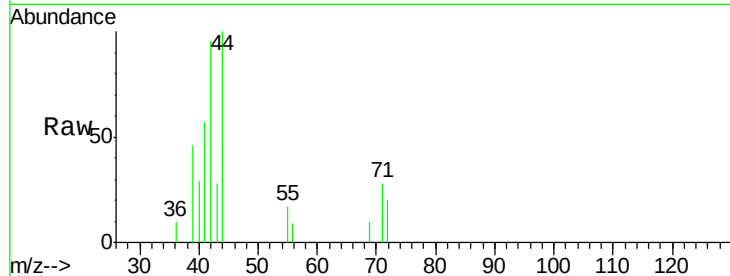




#29
Tetrahydrofuran
Concen: 1.42 ug/l
RT: 5.18 min Scan# 753
Delta R.T. 0.01 min
Lab File: VX000845.D
Acq: 13 Apr 2018 13:27

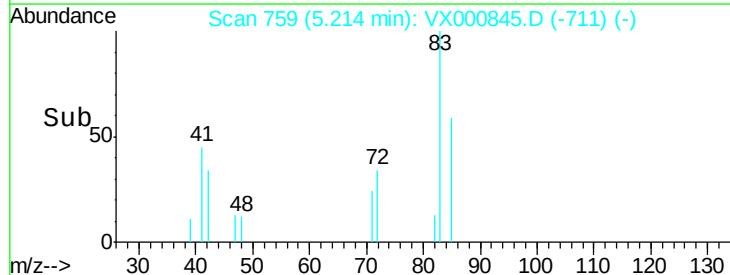
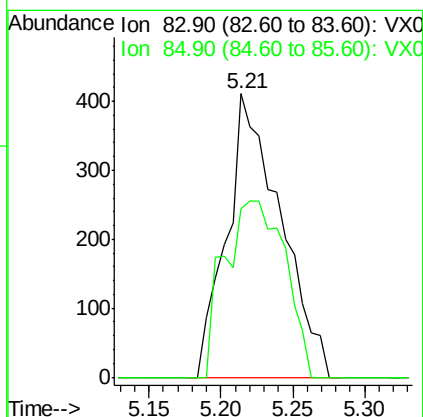
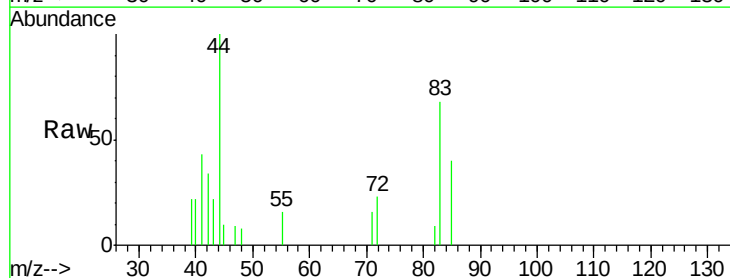
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2018

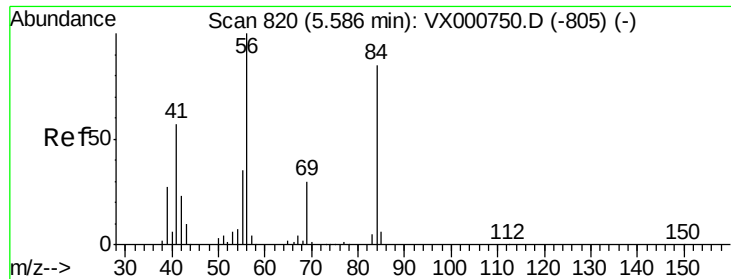
Tgt Ion: 42 Resp: 1599
Ion Ratio Lower Upper
42 100
72 46.3 35.1 52.7
71 42.1 32.8 49.2



#30
Chloroform
Concen: 0.23 ug/l
RT: 5.21 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX000845.D
Acq: 13 Apr 2018 13:27

Tgt Ion: 83 Resp: 1069
Ion Ratio Lower Upper
83 100
85 59.4 50.7 76.1

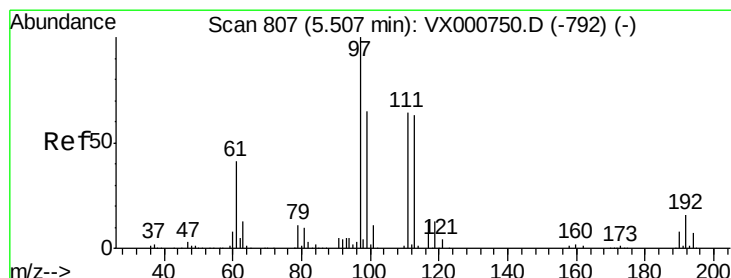
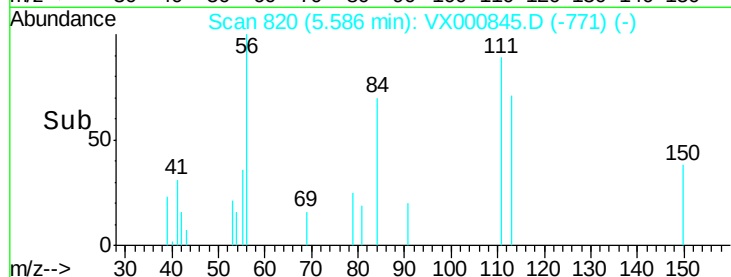
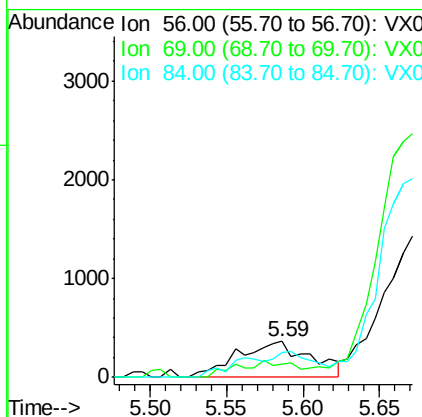
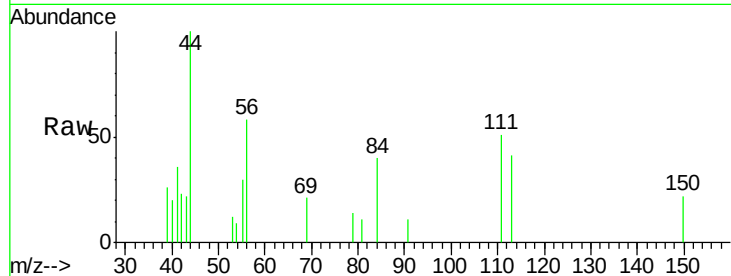




#31
Cyclohexane
Concen: 0.29 ug/l
RT: 5.59 min Scan# 820
Delta R.T. -0.00 min
Lab File: VX000845.D
Acq: 13 Apr 2018 13:27

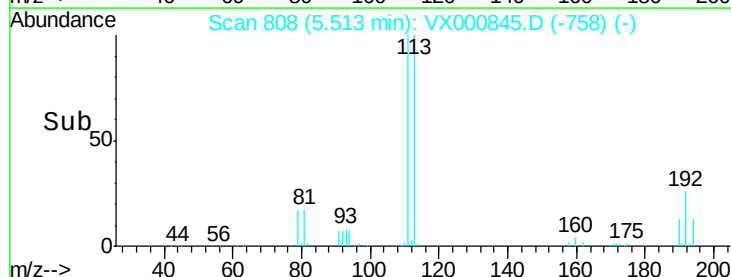
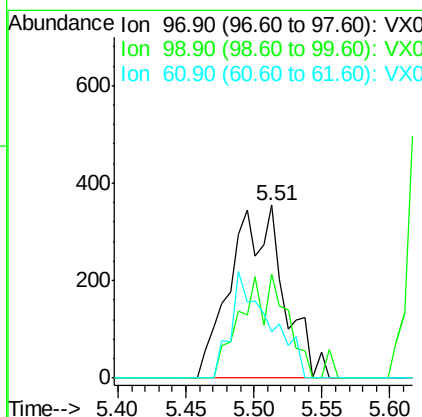
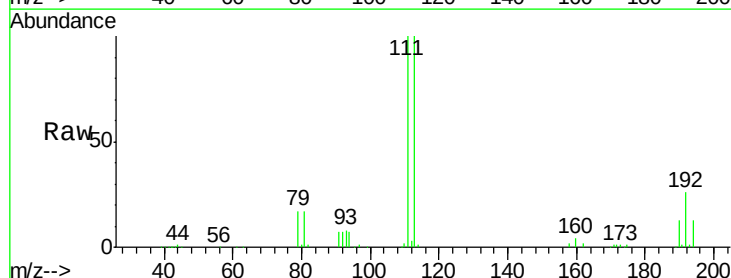
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2018

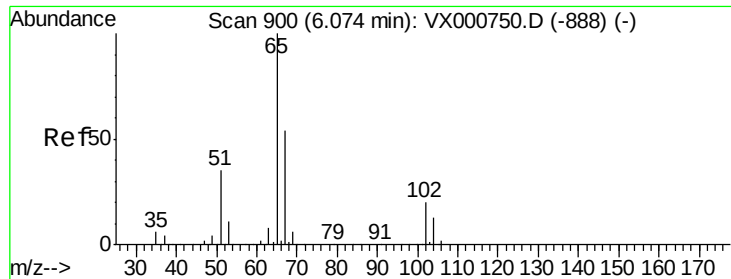
Tgt Ion: 56 Resp: 1213
Ion Ratio Lower Upper
56 100
69 36.6 24.2 36.4#
84 69.7 67.6 101.4



#32
1,1,1-Trichloroethane
Concen: 0.22 ug/l
RT: 5.51 min Scan# 808
Delta R.T. 0.01 min
Lab File: VX000845.D
Acq: 13 Apr 2018 13:27

Tgt Ion: 97 Resp: 955
Ion Ratio Lower Upper
97 100
99 0.0 51.4 77.0#
61 0.0 33.7 50.5#

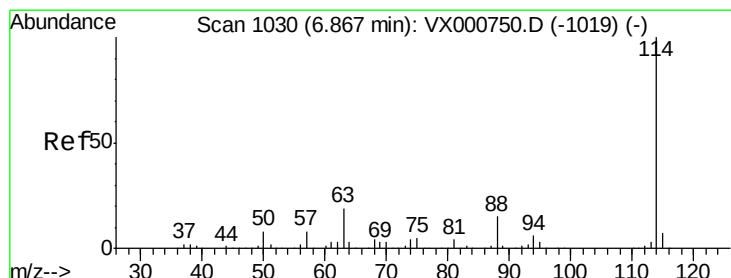
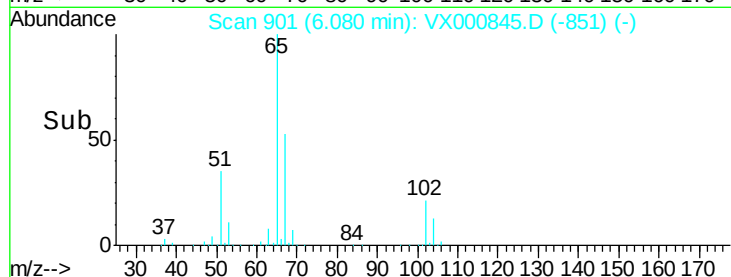
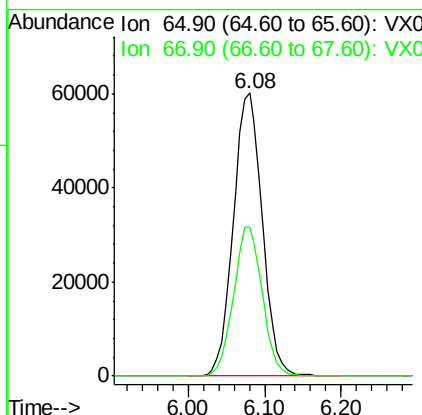
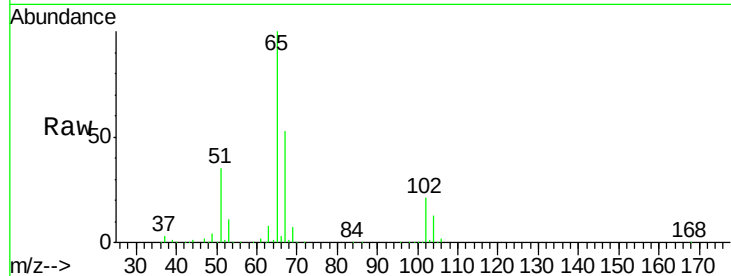




#33
 1,2-Dichloroethane-d4
 Concen: 50.54 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.01 min
 Lab File: VX000845.D
 Acq: 13 Apr 2018 13:27

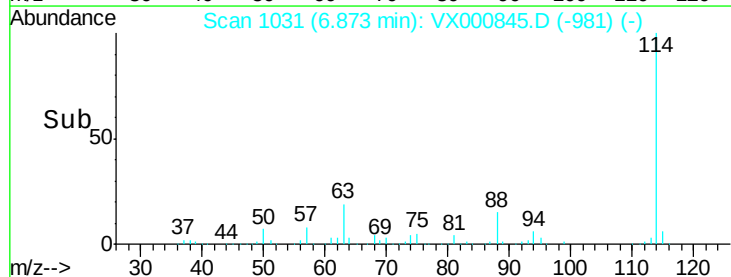
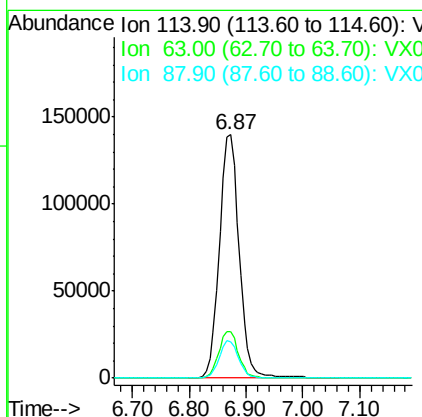
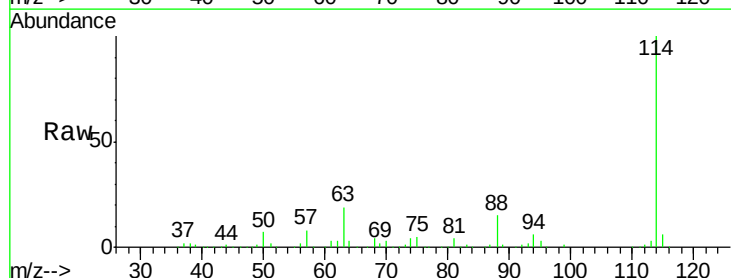
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT2-2018

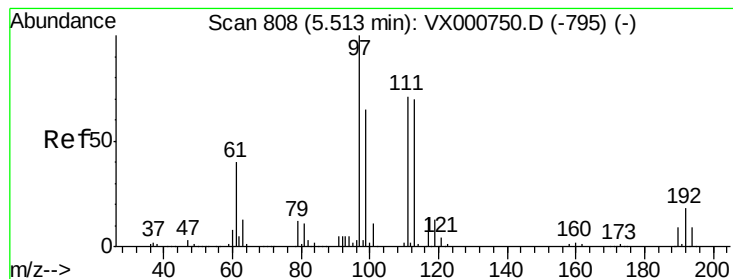
Tgt Ion: 65 Resp: 157685
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.01 min
 Lab File: VX000845.D
 Acq: 13 Apr 2018 13:27

Tgt Ion: 114 Resp: 338997
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 38.4
 88 15.0 0.0 31.0





#35

Dibromofluoromethane

Concen: 49.48 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX000845.D

Acq: 13 Apr 2018 13:27

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2018

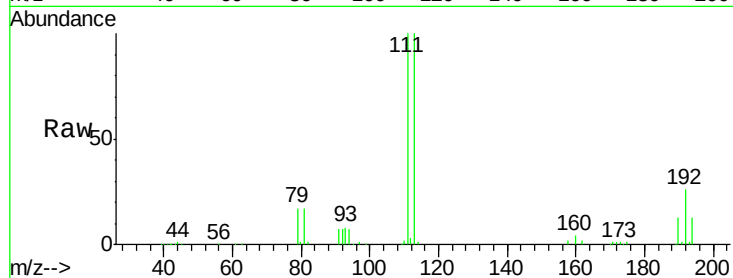
Tgt Ion:113 Resp: 129229

Ion Ratio Lower Upper

113 100

111 102.2 81.5 122.3

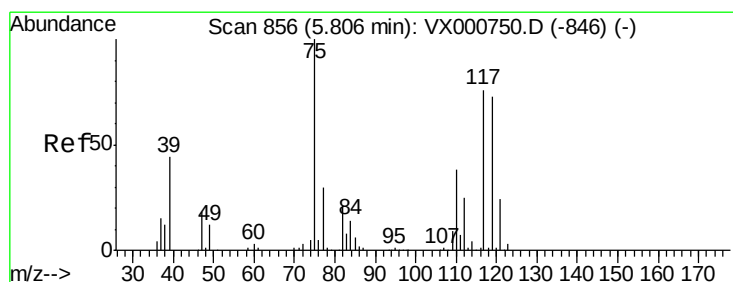
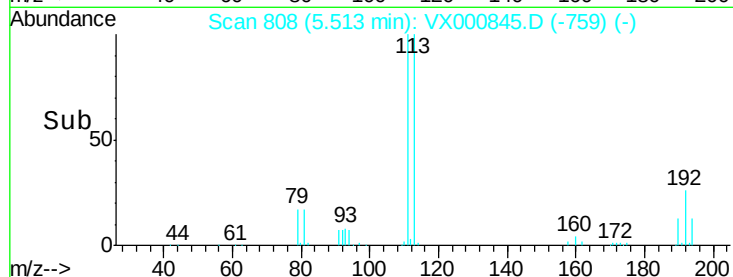
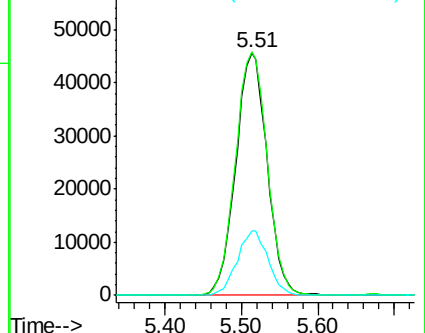
192 26.2 20.4 30.6



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: 0.33 ug/l

RT: 5.81 min Scan# 856

Delta R.T. -0.00 min

Lab File: VX000845.D

Acq: 13 Apr 2018 13:27

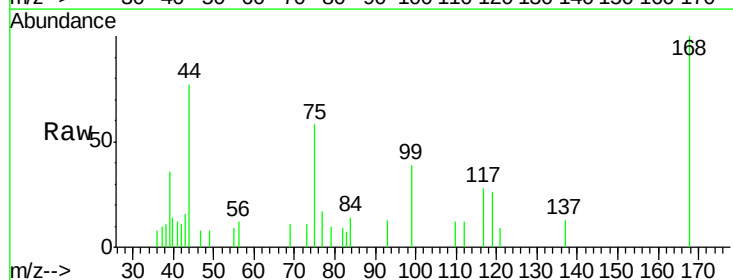
Tgt Ion: 75 Resp: 1217

Ion Ratio Lower Upper

75 100

110 21.2 19.2 57.6

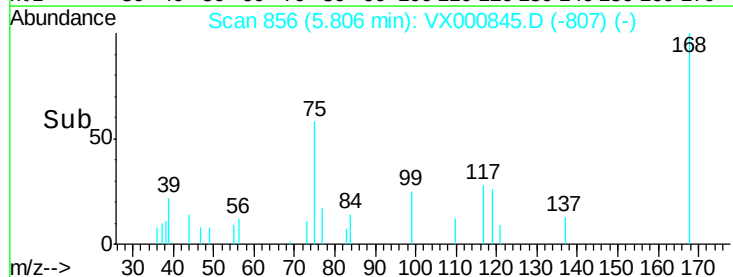
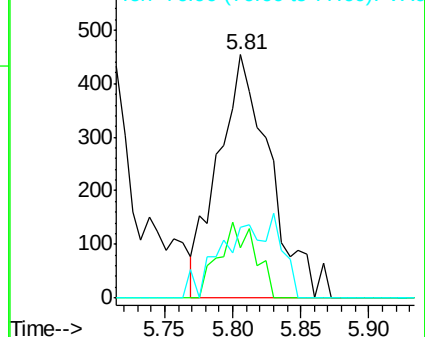
77 26.5 25.4 38.2

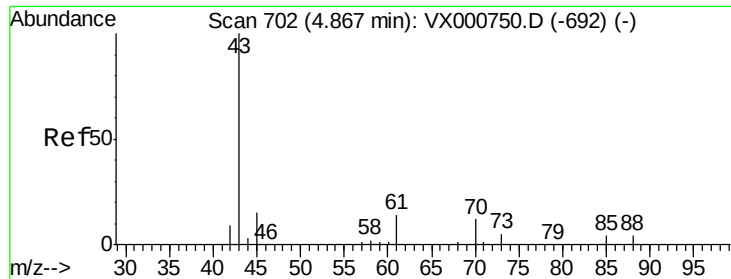


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

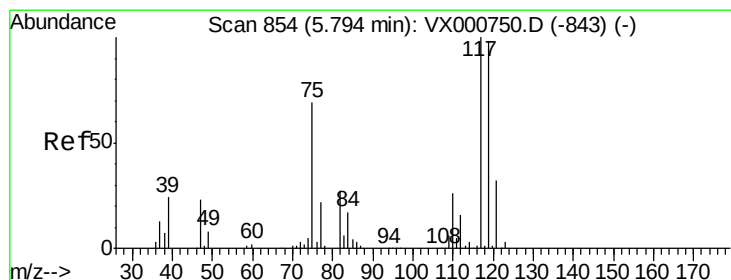
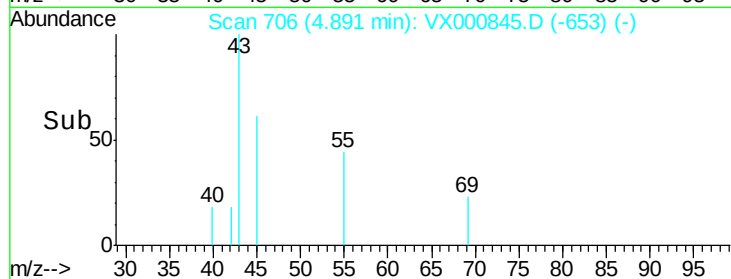
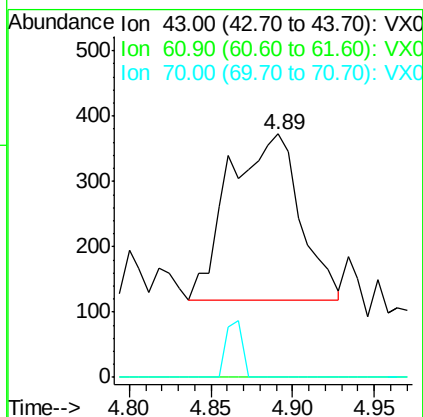
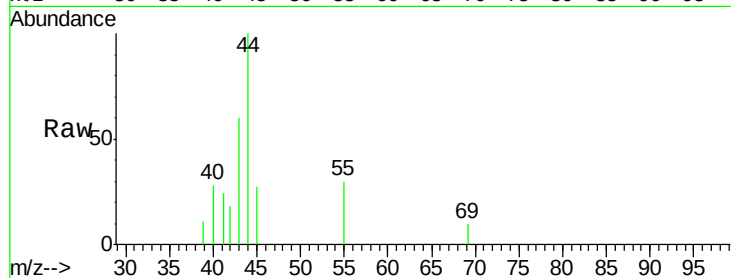




#37
 Ethyl Acetate
 Concen: 0.21 ug/l
 RT: 4.89 min Scan# 706
 Delta R.T. 0.02 min
 Lab File: VX000845.D
 Acq: 13 Apr 2018 13:27

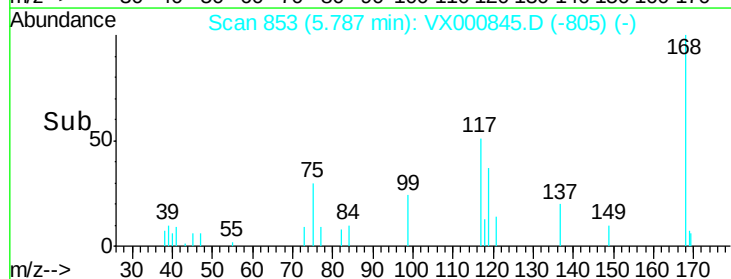
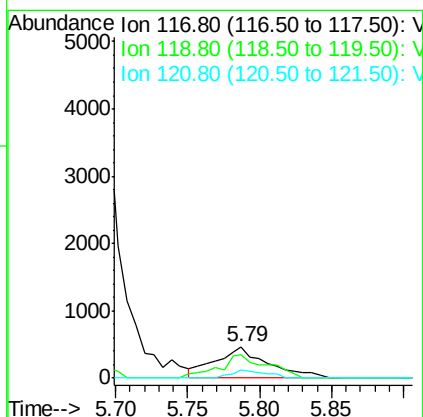
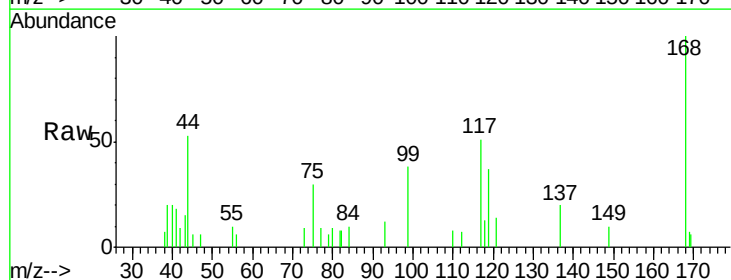
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT2-2018

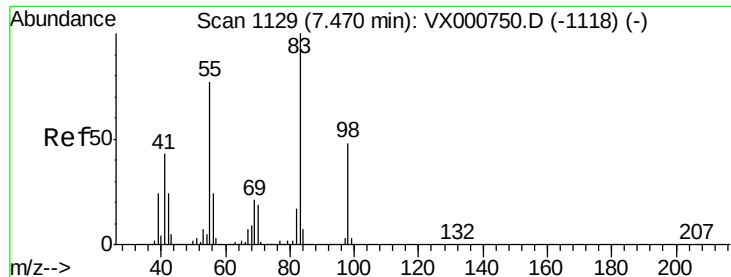
Tgt Ion: 43 Resp: 765
 Ion Ratio Lower Upper
 43 100
 61 0.0 11.0 16.4#
 70 0.0 8.7 13.1#



#38
 Carbon Tetrachloride
 Concen: 0.28 ug/l
 RT: 5.79 min Scan# 853
 Delta R.T. -0.01 min
 Lab File: VX000845.D
 Acq: 13 Apr 2018 13:27

Tgt Ion: 117 Resp: 1188
 Ion Ratio Lower Upper
 117 100
 119 73.4 78.4 117.6#
 121 27.5 25.4 38.0

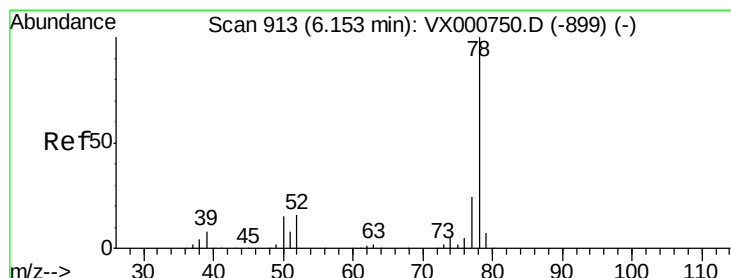
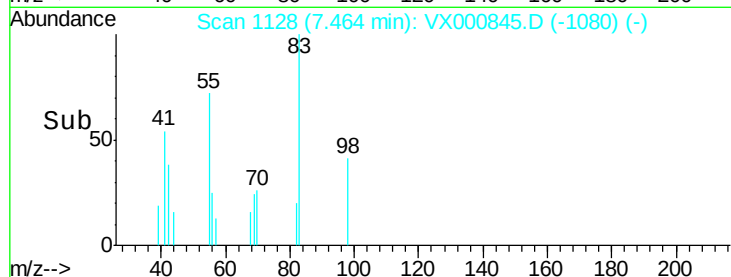
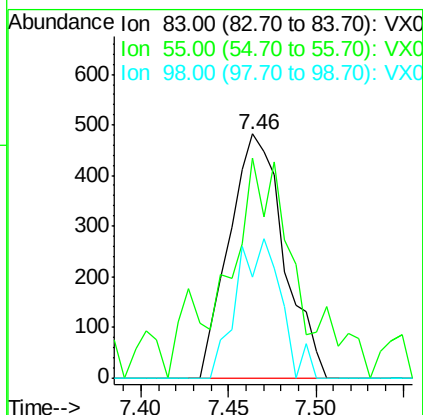
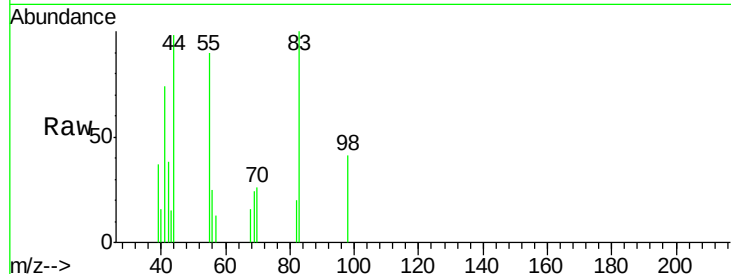




#39
Methylcyclohexane
Concen: 0.23 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.01 min
Lab File: VX000845.D
Acq: 13 Apr 2018 13:27

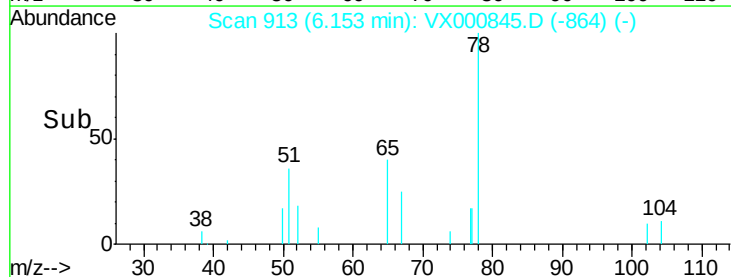
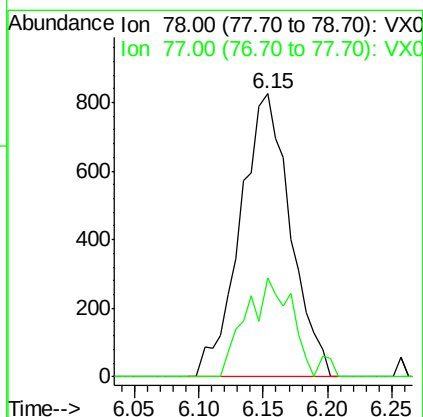
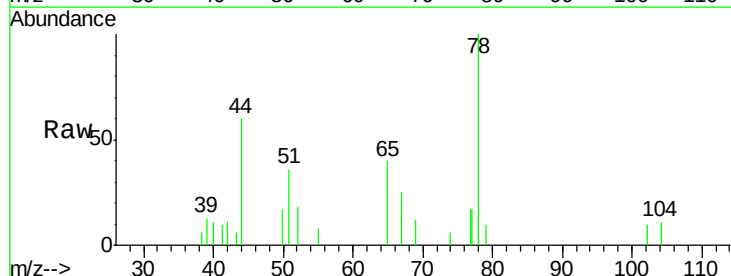
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2018

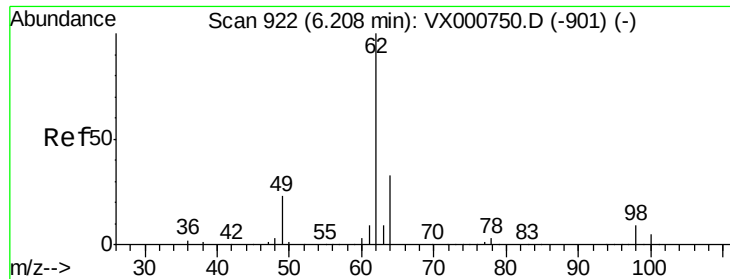
Tgt Ion: 83 Resp: 1049
Ion Ratio Lower Upper
83 100
55 77.0 61.5 92.3
98 41.1 38.1 57.1



#40
Benzene
Concen: 0.21 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX000845.D
Acq: 13 Apr 2018 13:27

Tgt Ion: 78 Resp: 2230
Ion Ratio Lower Upper
78 100
77 34.8 19.0 28.6#

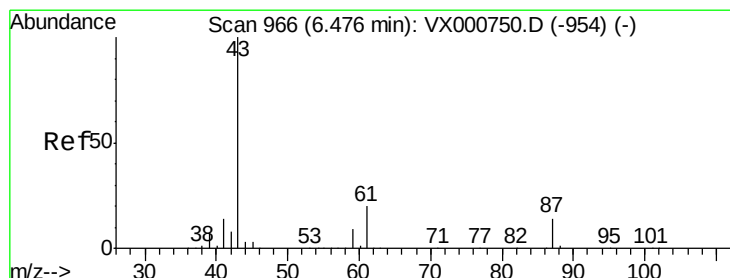
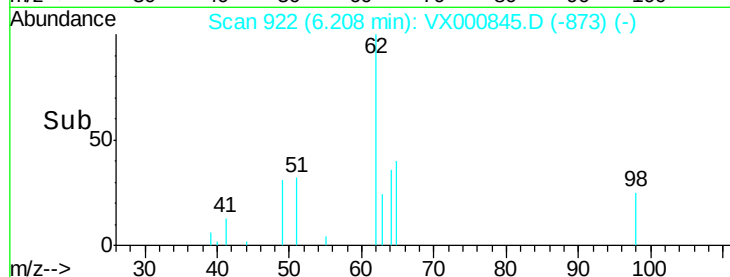
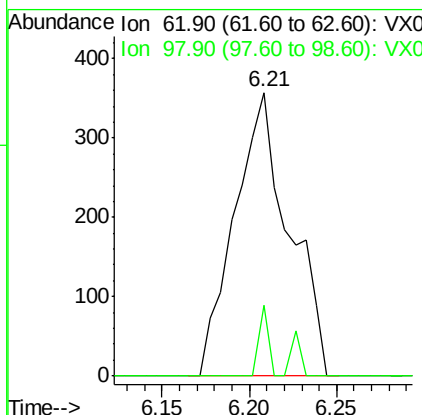
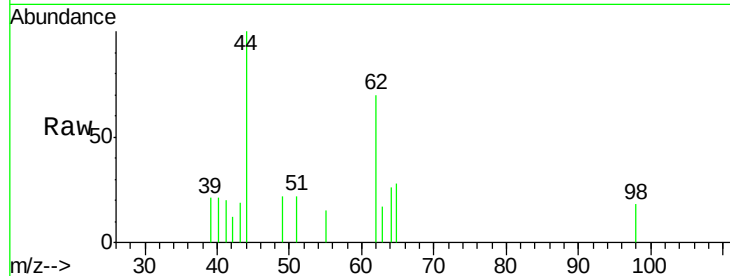




#42
 1,2-Dichloroethane
 Concen: 0.20 ug/l
 RT: 6.21 min Scan# 922
 Delta R.T. -0.00 min
 Lab File: VX000845.D
 Acq: 13 Apr 2018 13:27

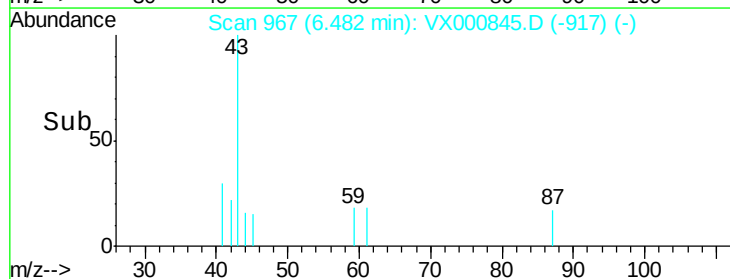
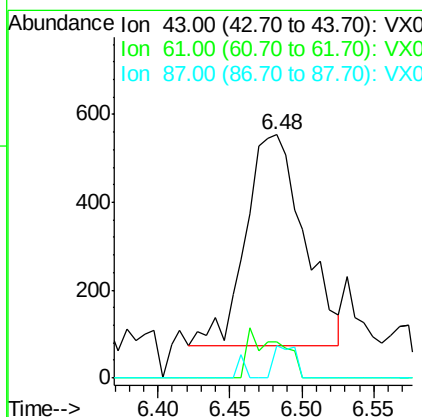
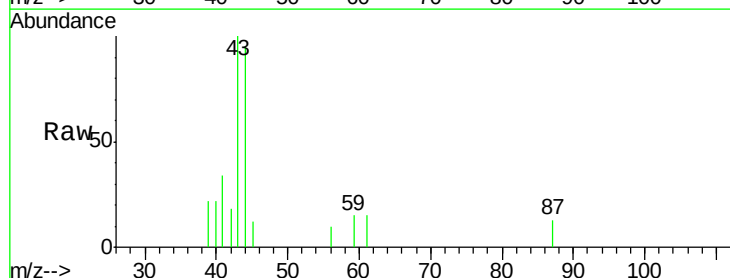
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT2-2018

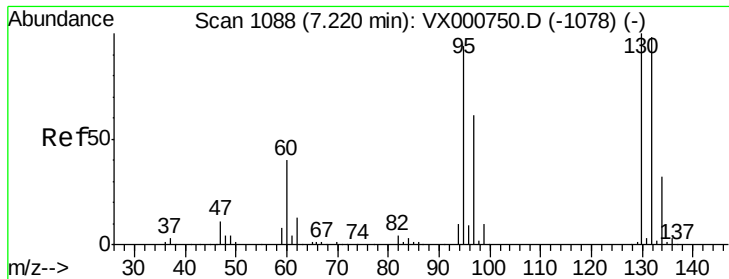
Tgt Ion: 62 Resp: 775
 Ion Ratio Lower Upper
 62 100
 98 4.3 0.0 18.6



#43
 Isopropyl Acetate
 Concen: 0.21 ug/l
 RT: 6.48 min Scan# 967
 Delta R.T. 0.01 min
 Lab File: VX000845.D
 Acq: 13 Apr 2018 13:27

Tgt Ion: 43 Resp: 1343
 Ion Ratio Lower Upper
 43 100
 61 0.0 15.6 23.4#
 87 5.8 10.7 16.1#





#44

Trichloroethene

Concen: 0.22 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. -0.01 min

Lab File: VX000845.D

Acq: 13 Apr 2018 13:27

Instrument :

MSVOA_X

ClientSampleId :

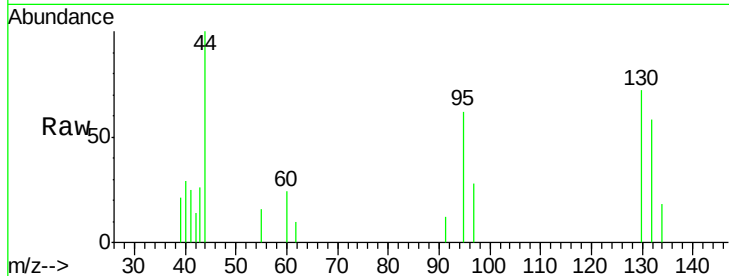
MDL-WATER-03-QT2-2018

Tgt Ion:130 Resp: 699

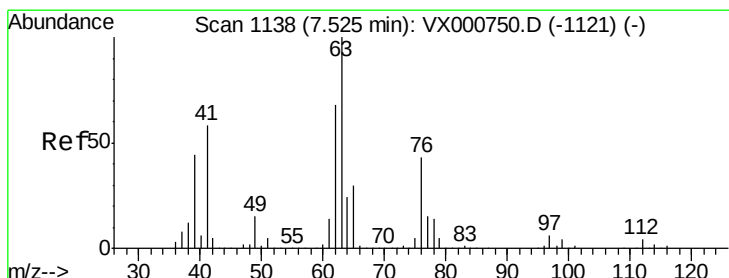
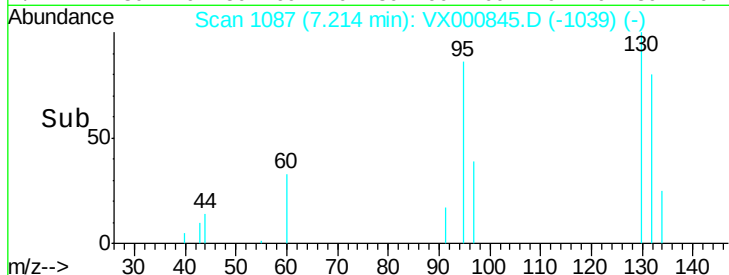
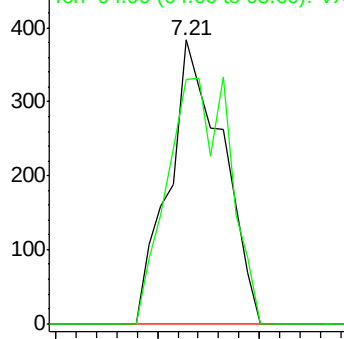
Ion Ratio Lower Upper

130 100

95 86.2 0.0 187.0



Abundance Ion 129.80 (129.50 to 130.50): V



#45

1,2-Dichloropropane

Concen: 0.21 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VX000845.D

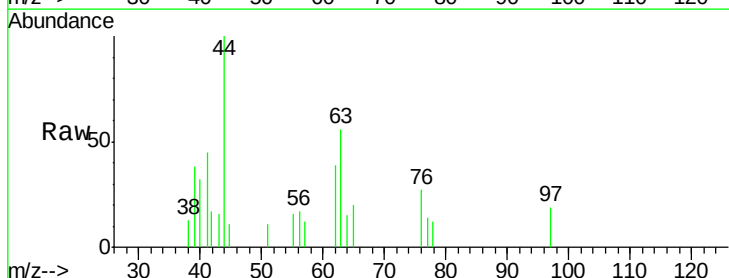
Acq: 13 Apr 2018 13:27

Tgt Ion: 63 Resp: 547

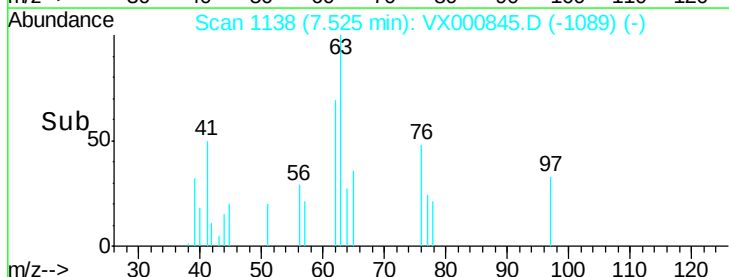
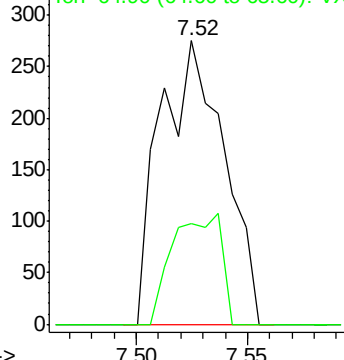
Ion Ratio Lower Upper

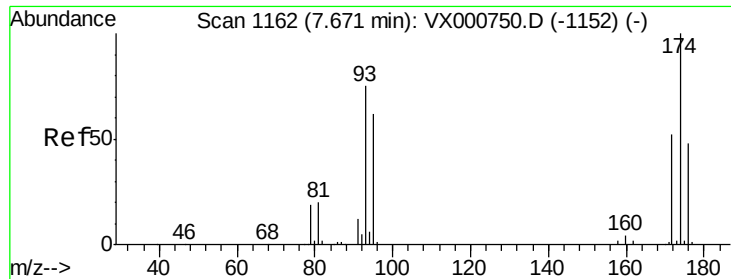
63 100

65 35.6 23.7 35.5#



Abundance Ion 62.90 (62.60 to 63.60): VX0

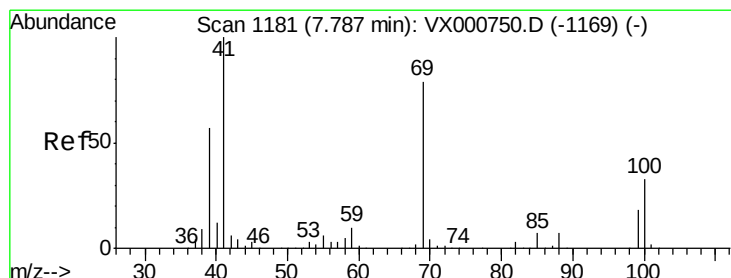
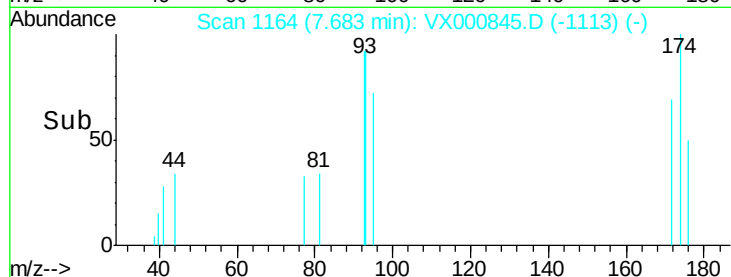
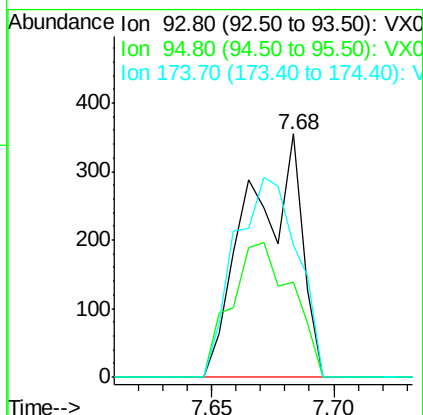
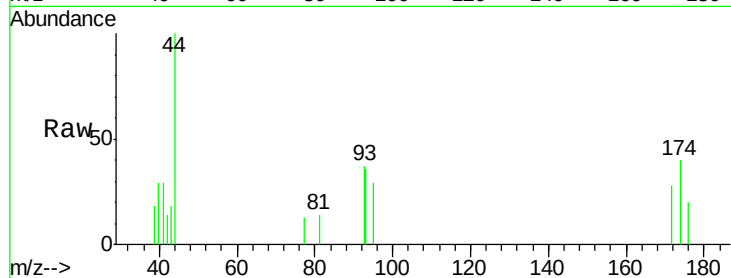




#46
Dibromomethane
Concen: 0.29 ug/l
RT: 7.68 min Scan# 1164
Delta R.T. 0.01 min
Lab File: VX000845.D
Acq: 13 Apr 2018 13:27

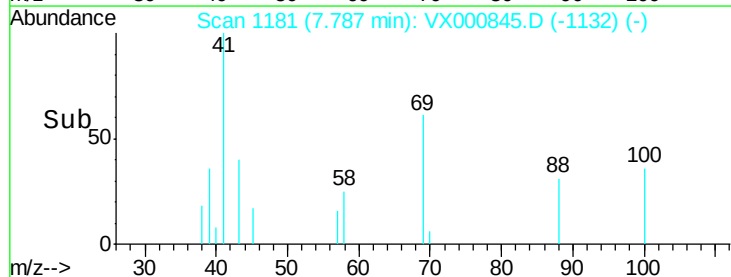
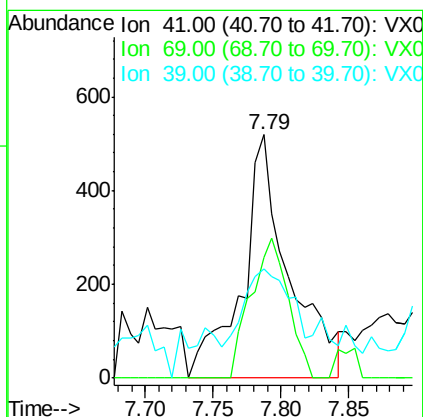
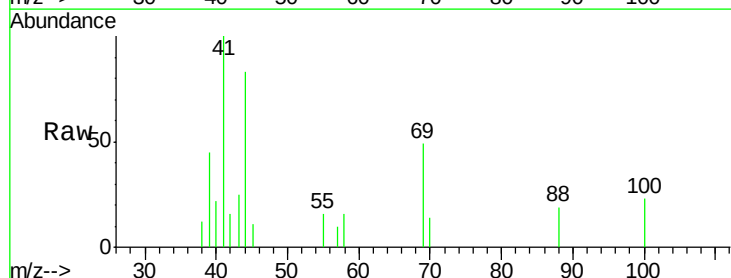
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2018

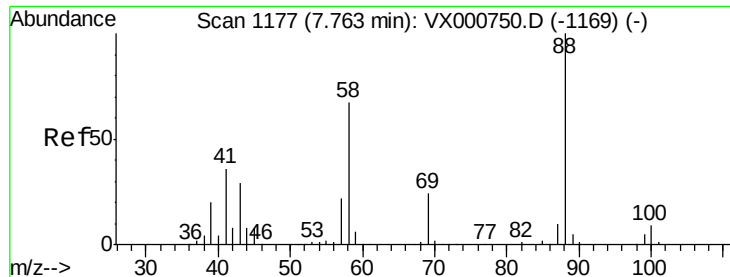
Tgt Ion: 93 Resp: 533
Ion Ratio Lower Upper
93 100
95 63.8 66.6 100.0#
174 97.6 104.5 156.7#



#48
Methyl methacrylate
Concen: 0.38 ug/l
RT: 7.79 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VX000845.D
Acq: 13 Apr 2018 13:27

Tgt Ion: 41 Resp: 1245
Ion Ratio Lower Upper
41 100
69 46.1 63.9 95.9#
39 31.5 45.9 68.9#

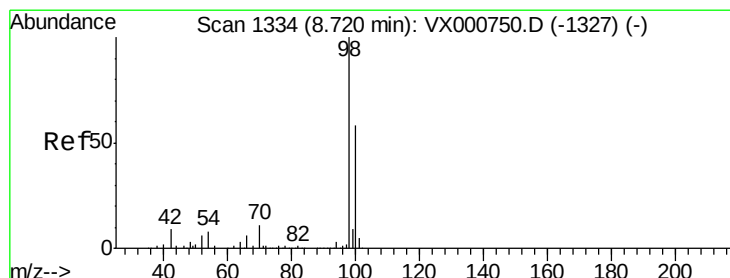
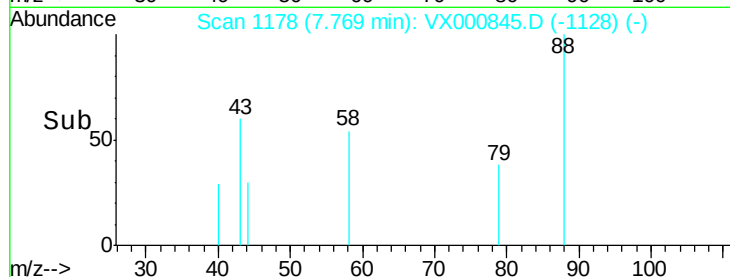
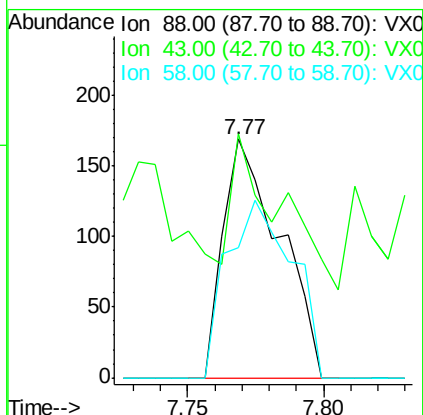
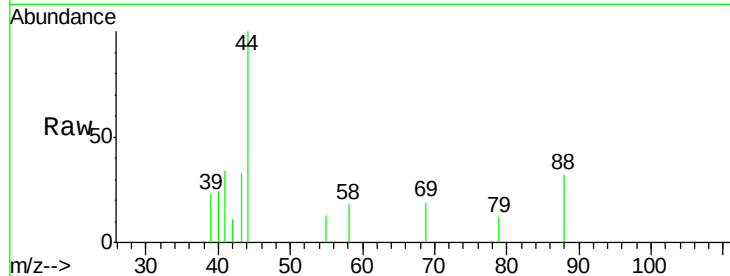




#49
 1,4-Dioxane
 Concen: 3.75 ug/l
 RT: 7.77 min Scan# 1178
 Delta R.T. 0.01 min
 Lab File: VX000845.D
 Acq: 13 Apr 2018 13:27

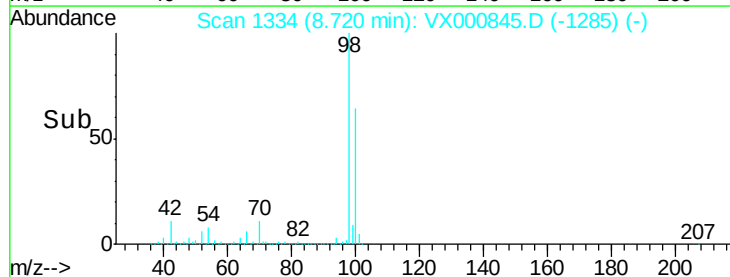
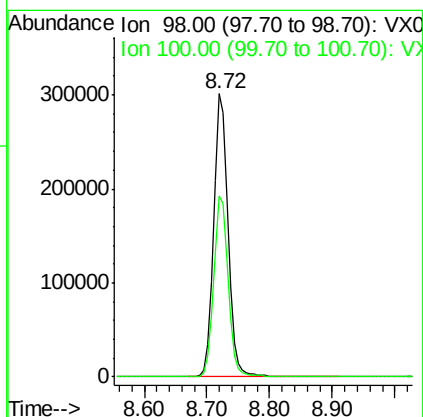
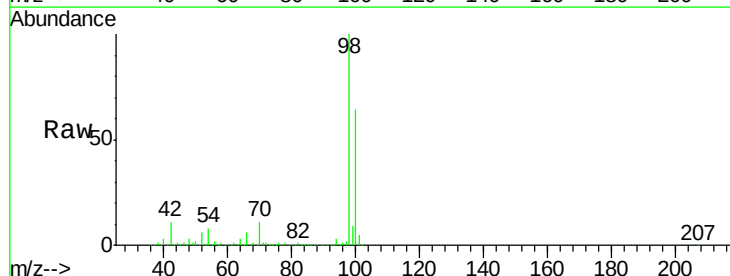
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT2-2018

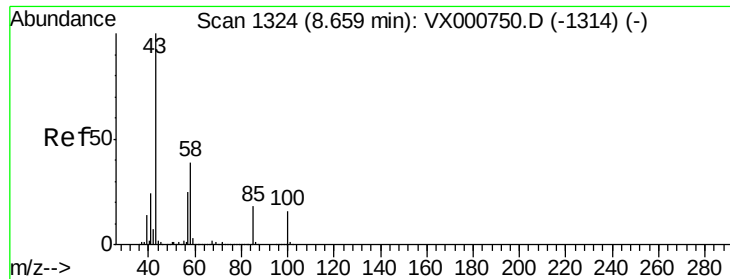
Tgt Ion: 88 Resp: 244
 Ion Ratio Lower Upper
 88 100
 43 58.6 25.8 38.8#
 58 85.7 54.4 81.6#



#50
 Toluene-d8
 Concen: 49.17 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. -0.00 min
 Lab File: VX000845.D
 Acq: 13 Apr 2018 13:27

Tgt Ion: 98 Resp: 478158
 Ion Ratio Lower Upper
 98 100
 100 64.0 52.6 79.0

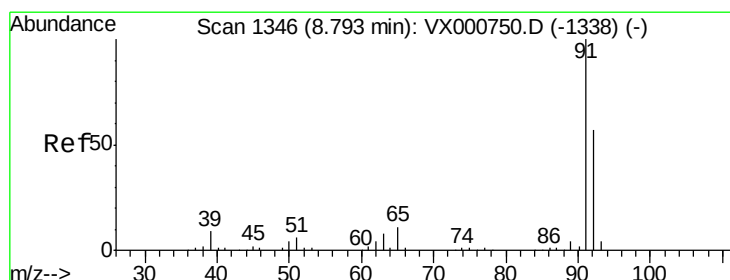
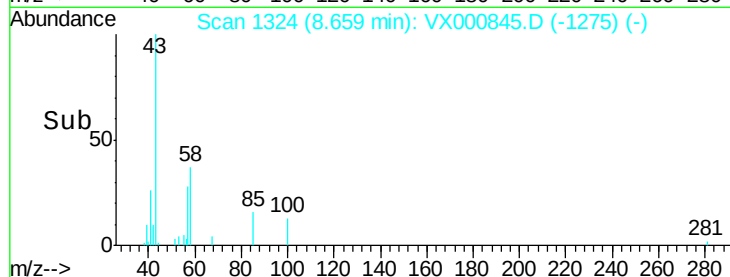
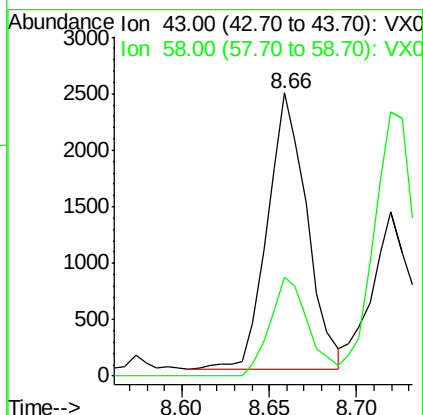
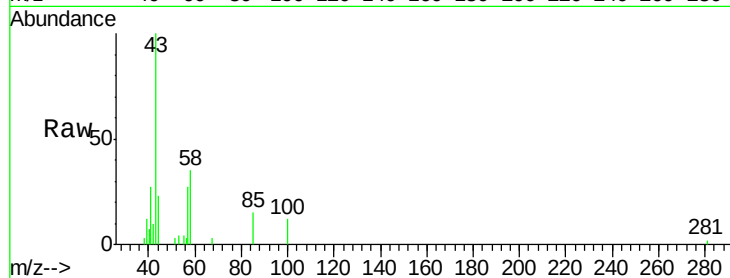




#51
 4-Methyl-2-Pentanone
 Concen: 1.06 ug/l
 RT: 8.66 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX000845.D
 Acq: 13 Apr 2018 13:27

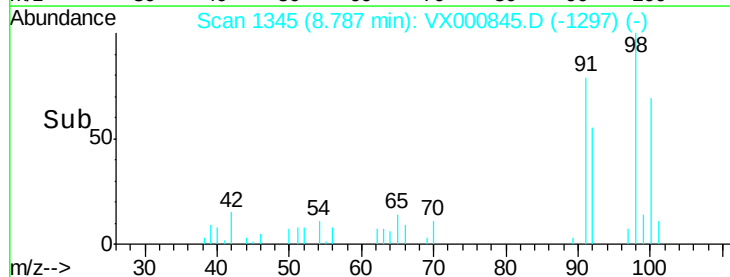
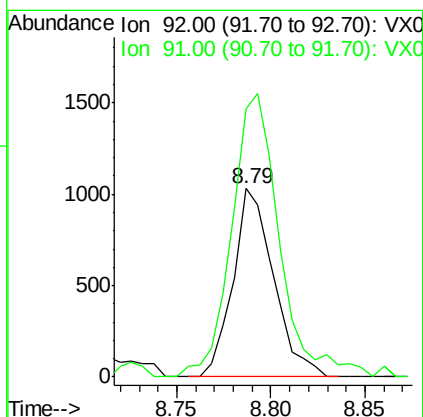
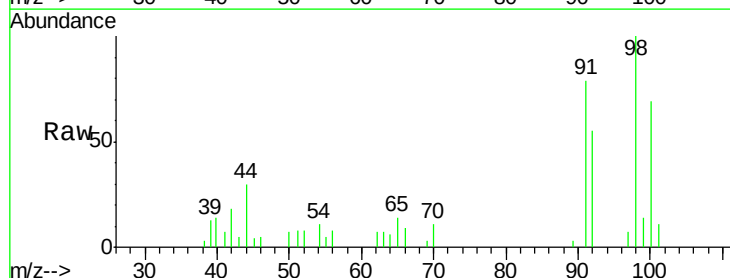
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT2-2018

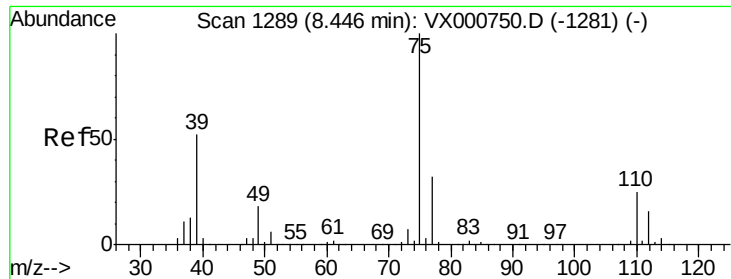
Tgt Ion: 43 Resp: 3885
 Ion Ratio Lower Upper
 43 100
 58 34.8 30.3 45.5



#52
 Toluene
 Concen: 0.22 ug/l
 RT: 8.79 min Scan# 1345
 Delta R.T. -0.01 min
 Lab File: VX000845.D
 Acq: 13 Apr 2018 13:27

Tgt Ion: 92 Resp: 1541
 Ion Ratio Lower Upper
 92 100
 91 178.3 139.0 208.4

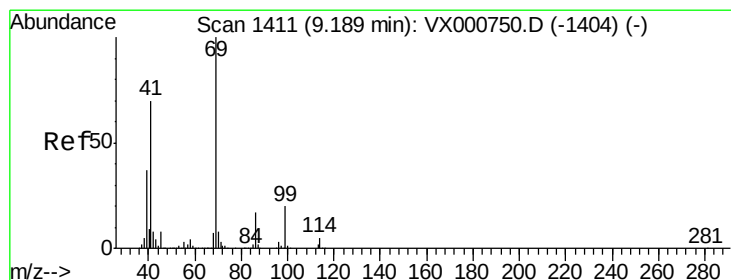
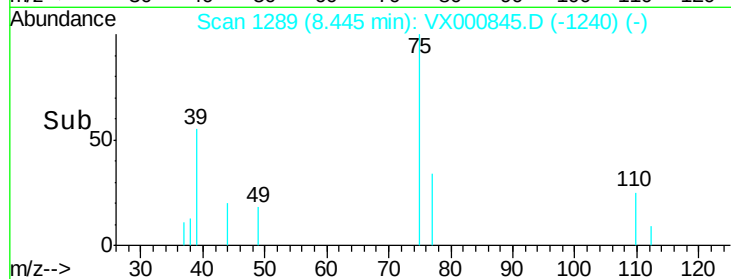
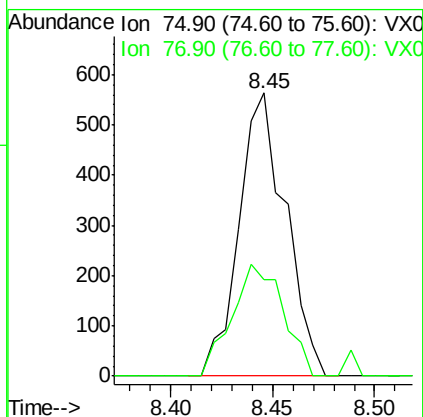
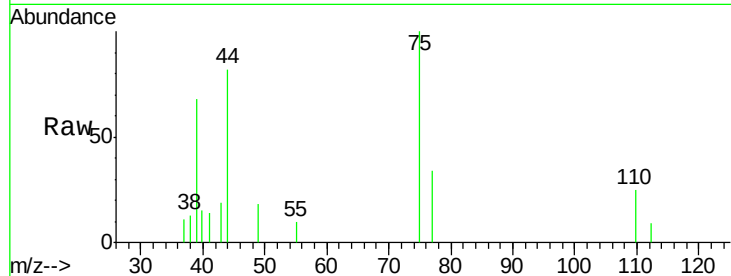




#53
t-1,3-Dichloropropene
Concen: 0.20 ug/l
RT: 8.45 min Scan# 1289
Delta R.T. -0.00 min
Lab File: VX000845.D
Acq: 13 Apr 2018 13:27

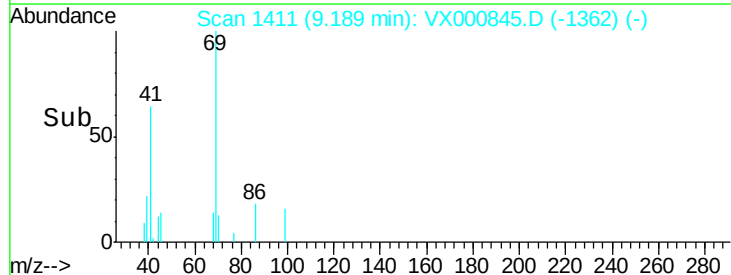
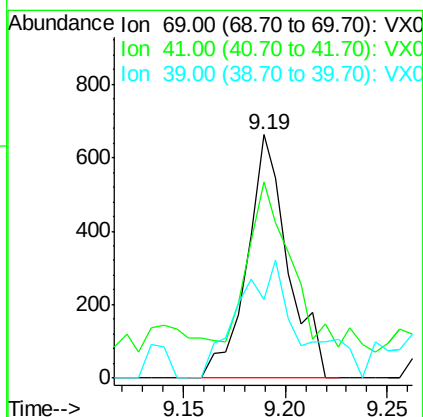
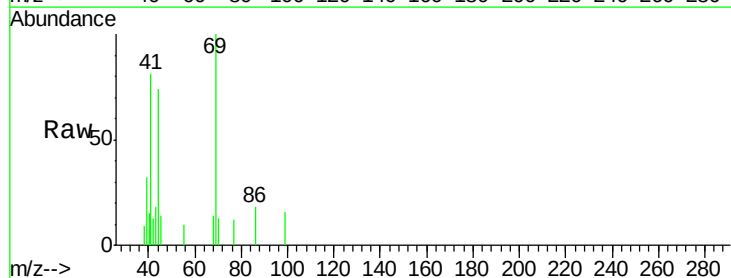
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2018

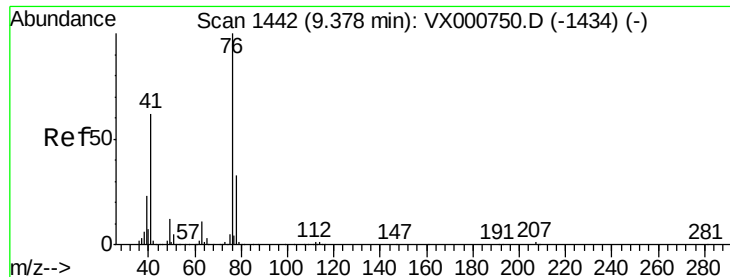
Tgt Ion: 75 Resp: 892
Ion Ratio Lower Upper
75 100
77 34.3 25.4 38.2



#56
Ethyl methacrylate
Concen: 0.22 ug/l
RT: 9.19 min Scan# 1411
Delta R.T. -0.00 min
Lab File: VX000845.D
Acq: 13 Apr 2018 13:27

Tgt Ion: 69 Resp: 918
Ion Ratio Lower Upper
69 100
41 76.4 55.6 83.4
39 62.4 30.3 45.5#





#57

1,3-Dichloropropane

Concen: 0.20 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX000845.D

Acq: 13 Apr 2018 13:27

Instrument :

MSVOA_X

ClientSampleId :

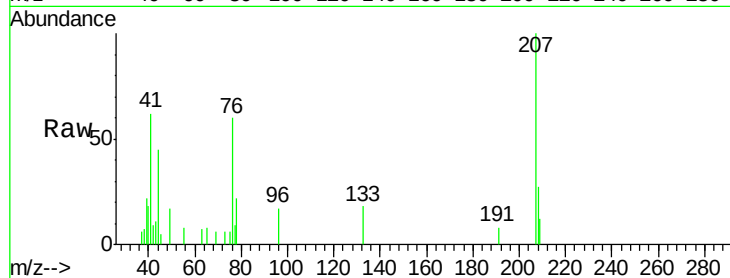
MDL-WATER-03-QT2-2018

Tgt Ion: 76 Resp: 875

Ion Ratio Lower Upper

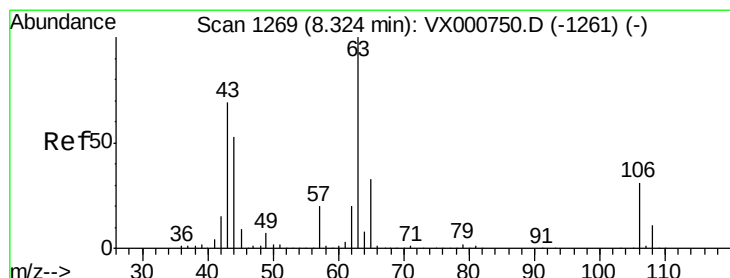
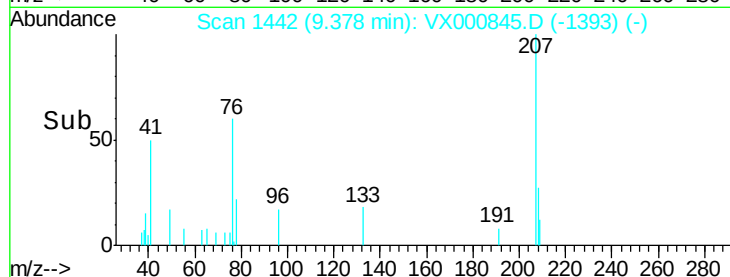
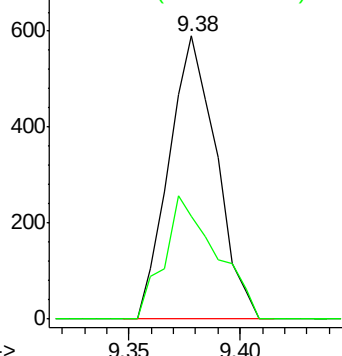
76 100

78 47.5 25.8 38.6#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 0.65 ug/l

RT: 8.32 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VX000845.D

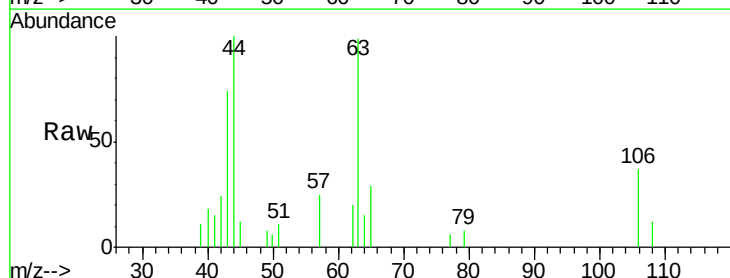
Acq: 13 Apr 2018 13:27

Tgt Ion: 63 Resp: 1278

Ion Ratio Lower Upper

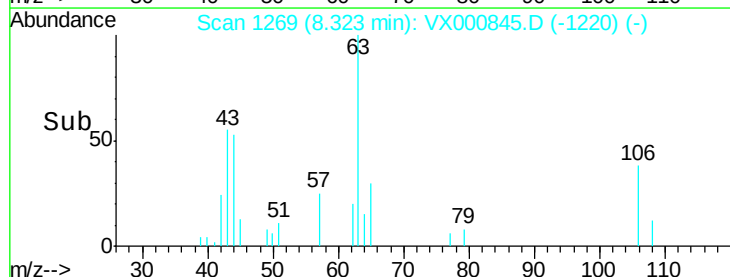
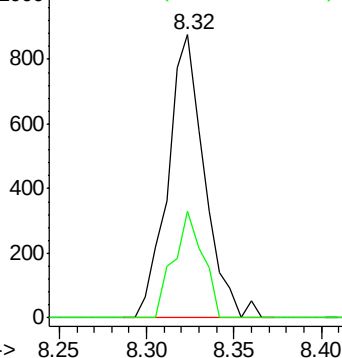
63 100

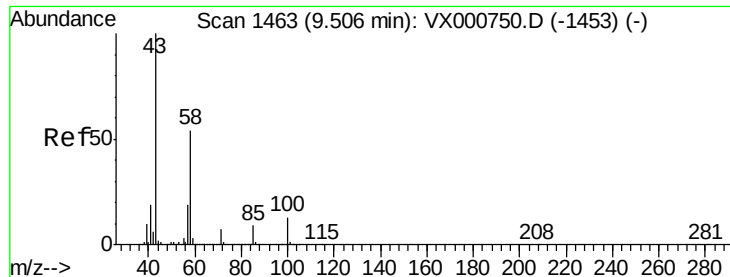
106 30.0 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

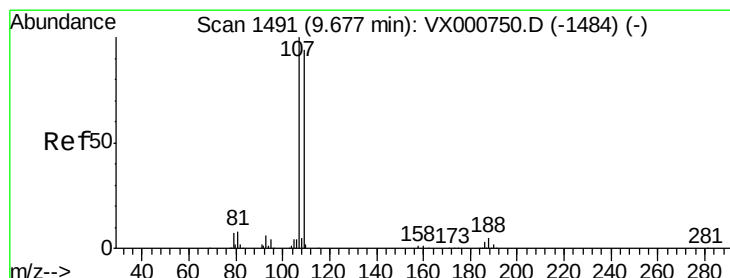
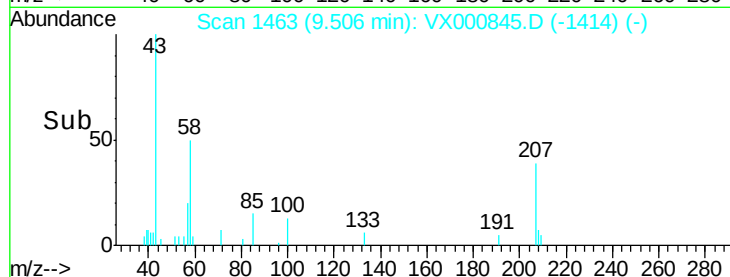
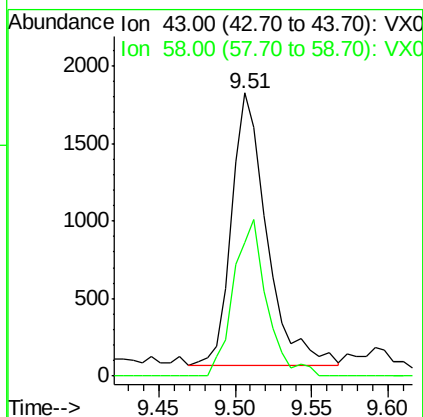
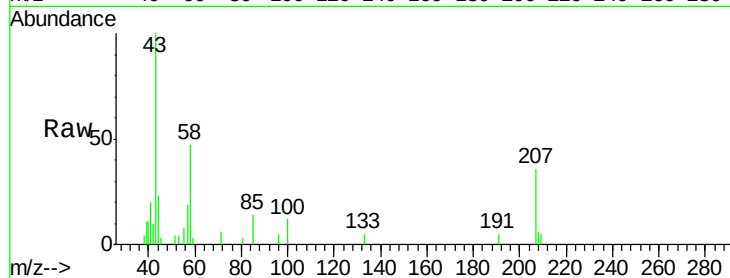




#59
2-Hexanone
Concen: 0.99 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX000845.D
Acq: 13 Apr 2018 13:27

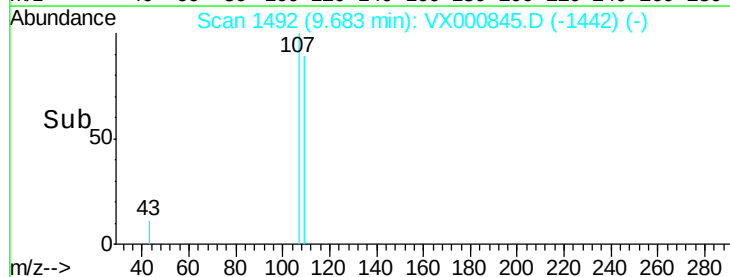
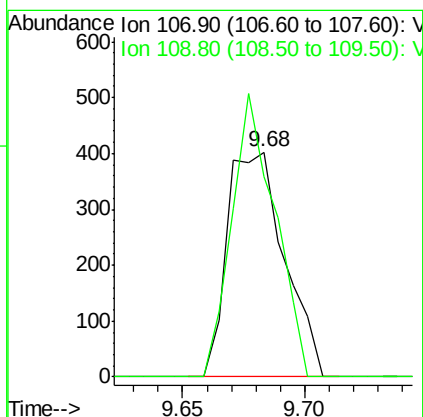
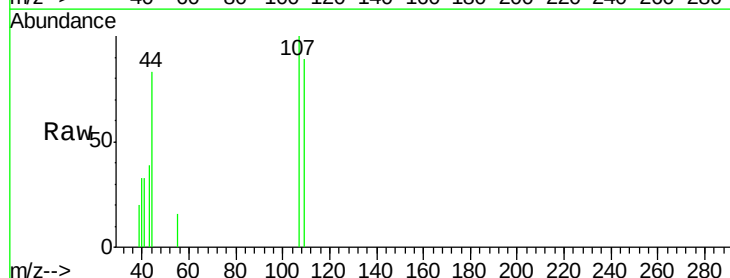
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2018

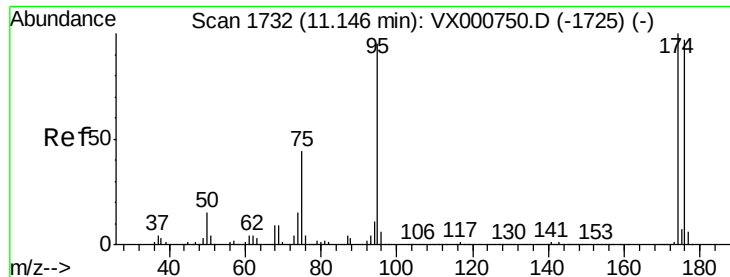
Tgt Ion: 43 Resp: 2796
Ion Ratio Lower Upper
43 100
58 54.3 26.5 79.5



#61
1,2-Dibromoethane
Concen: 0.23 ug/l
RT: 9.68 min Scan# 1492
Delta R.T. 0.01 min
Lab File: VX000845.D
Acq: 13 Apr 2018 13:27

Tgt Ion: 107 Resp: 654
Ion Ratio Lower Upper
107 100
109 95.4 76.2 114.4

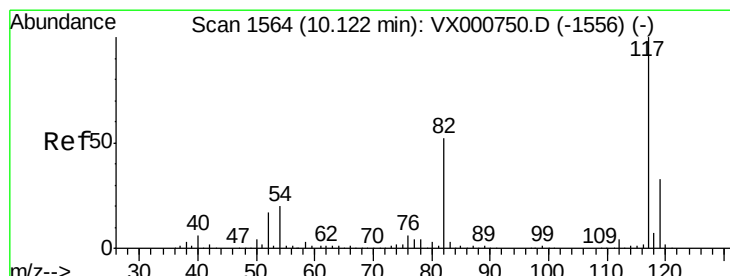
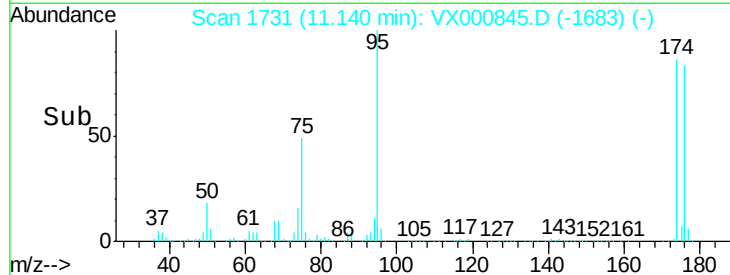
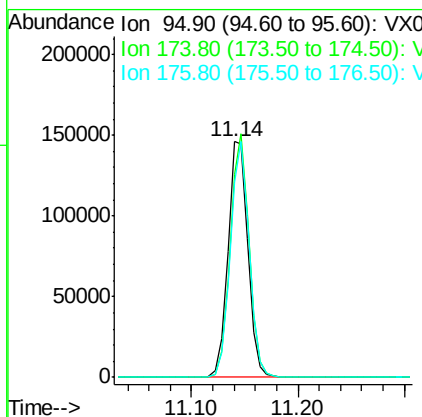
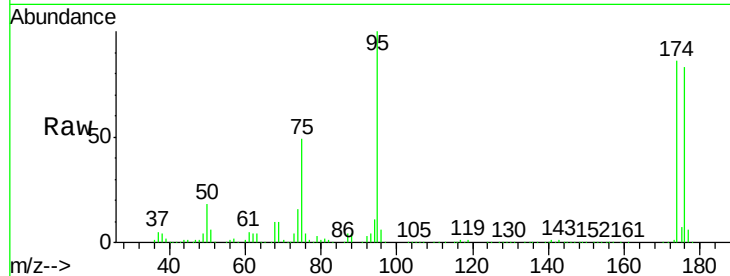




#62
4-Bromofluorobenzene
Concen: 47.52 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.01 min
Lab File: VX000845.D
Acq: 13 Apr 2018 13:27

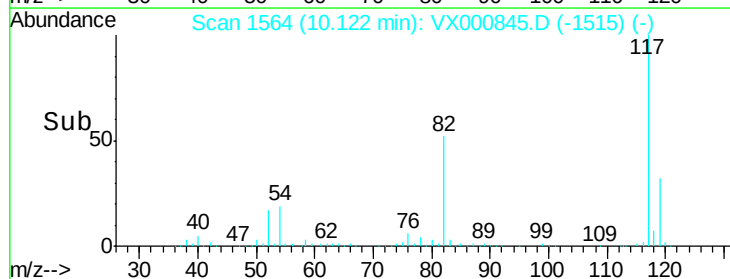
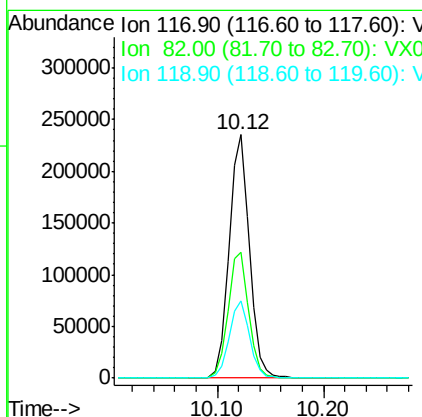
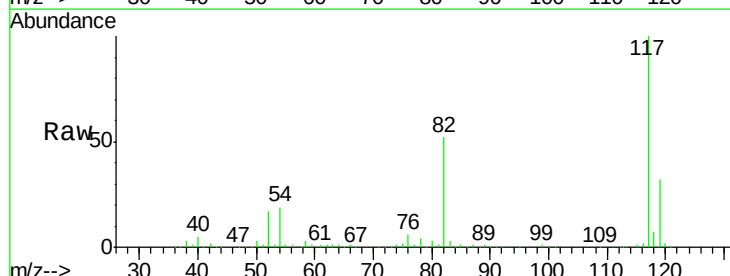
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2018

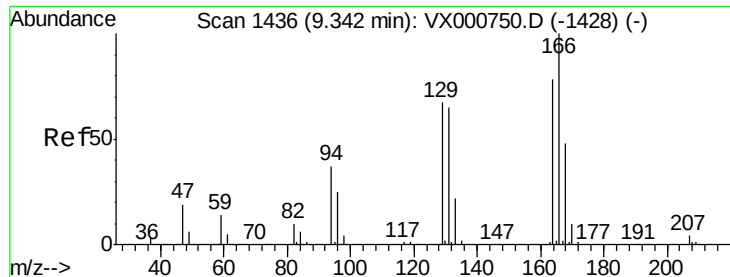
Tgt Ion: 95 Resp: 191170
Ion Ratio Lower Upper
95 100
174 97.3 0.0 198.4
176 94.8 0.0 194.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000845.D
Acq: 13 Apr 2018 13:27

Tgt Ion: 117 Resp: 315490
Ion Ratio Lower Upper
117 100
82 51.5 41.9 62.9
119 31.8 26.0 39.0

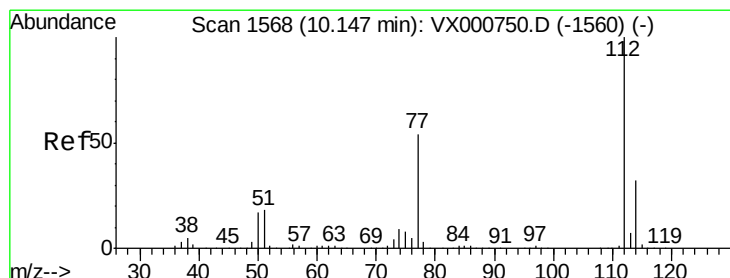
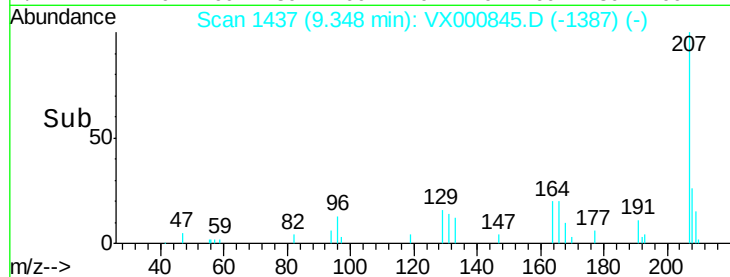
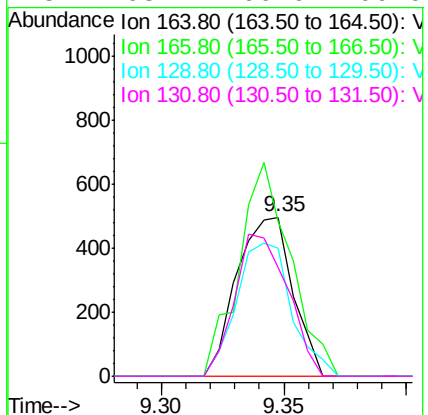
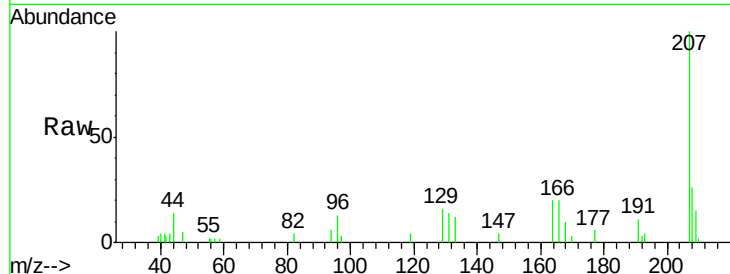




#64
 Tetrachloroethene
 Concen: 0.26 ug/l
 RT: 9.35 min Scan# 1437
 Delta R.T. 0.01 min
 Lab File: VX000845.D
 Acq: 13 Apr 2018 13:27

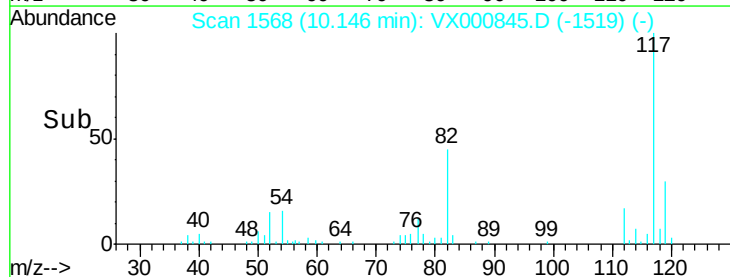
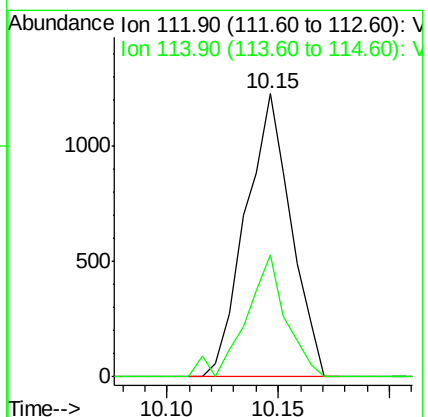
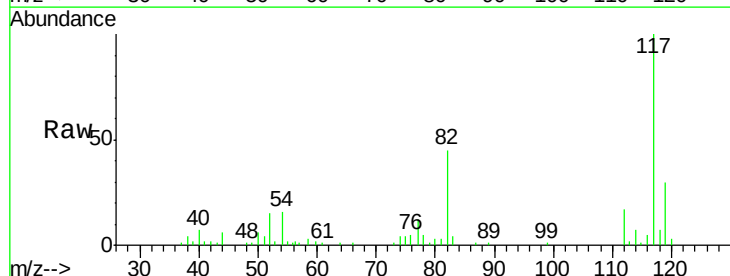
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT2-2018

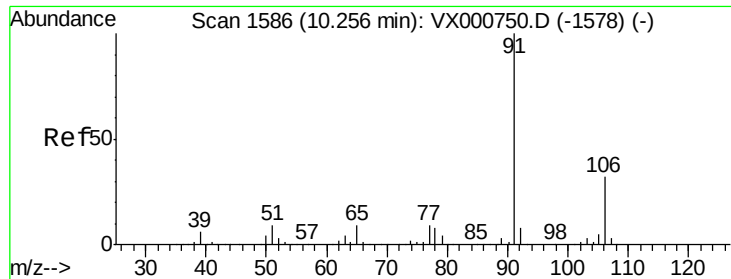
Tgt Ion:	164	Resp:	790
Ion	Ratio	Lower	Upper
164	100		
166	97.6	102.8	154.2#
129	80.5	68.5	102.7
131	68.4	66.6	100.0



#65
 Chlorobenzene
 Concen: 0.22 ug/l
 RT: 10.15 min Scan# 1568
 Delta R.T. -0.00 min
 Lab File: VX000845.D
 Acq: 13 Apr 2018 13:27

Tgt Ion:	112	Resp:	1735
Ion	Ratio	Lower	Upper
112	100		
114	43.0	25.8	38.8#

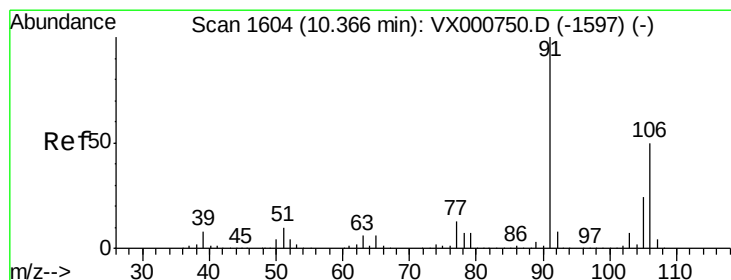
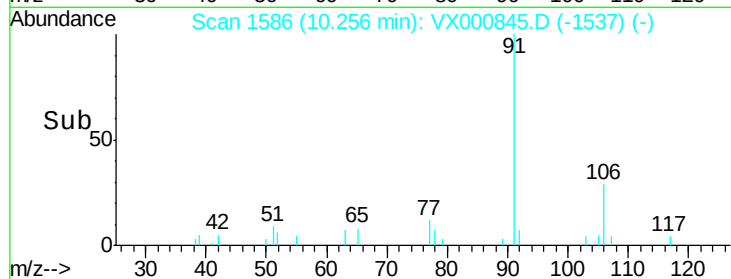
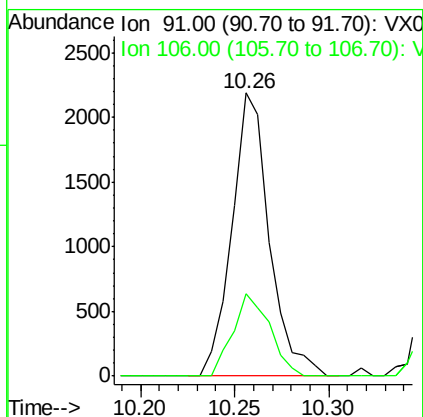
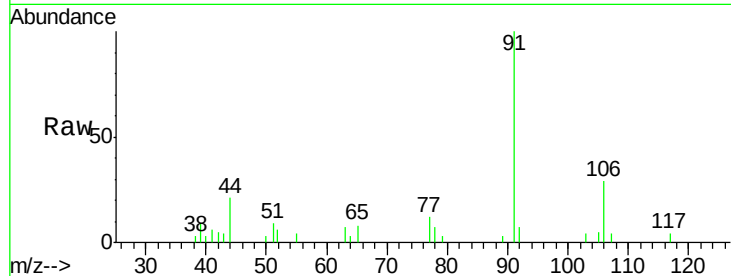




#67
Ethyl Benzene
Concen: 0.23 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX000845.D
Acq: 13 Apr 2018 13:27

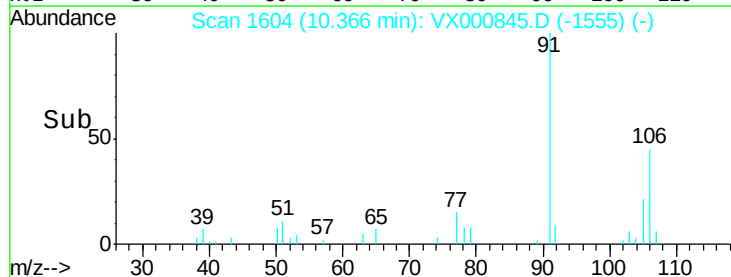
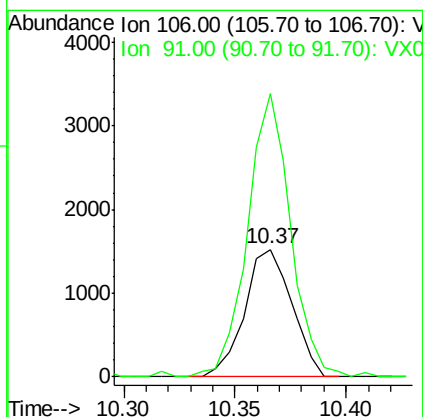
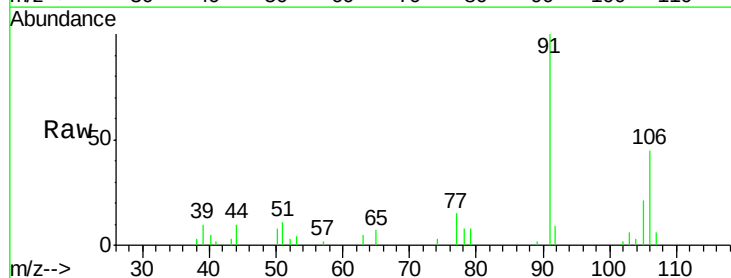
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2018

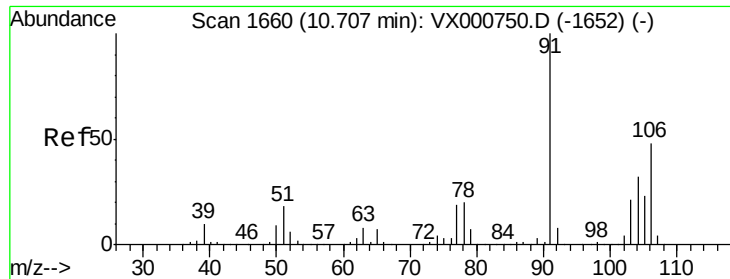
Tgt Ion: 91 Resp: 3019
Ion Ratio Lower Upper
91 100
106 29.0 25.4 38.0



#68
m/p-Xylenes
Concen: 0.43 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX000845.D
Acq: 13 Apr 2018 13:27

Tgt Ion: 106 Resp: 2246
Ion Ratio Lower Upper
106 100
91 203.4 159.3 238.9

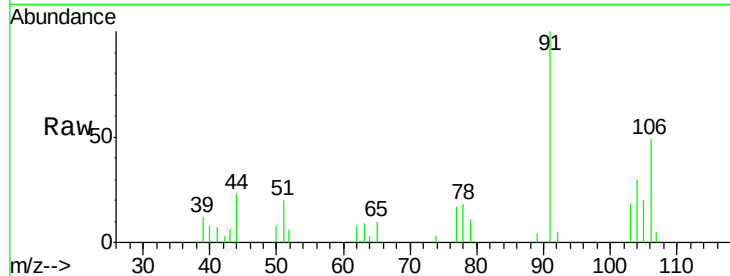




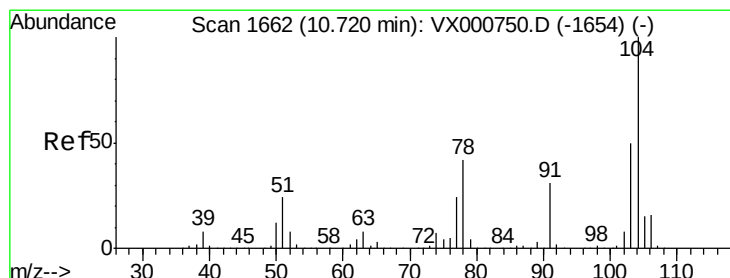
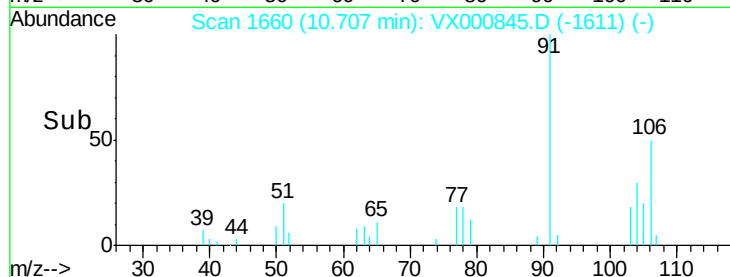
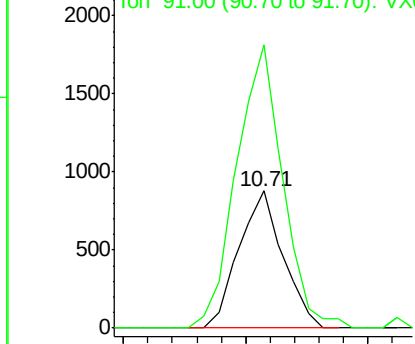
#69
o-Xylene
Concen: 0.22 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000845.D
Acq: 13 Apr 2018 13:27

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2018

Tgt Ion:106 Resp: 1098
Ion Ratio Lower Upper
106 100
91 217.1 105.0 315.0

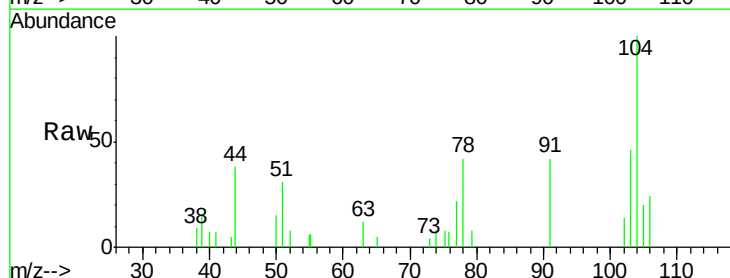


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

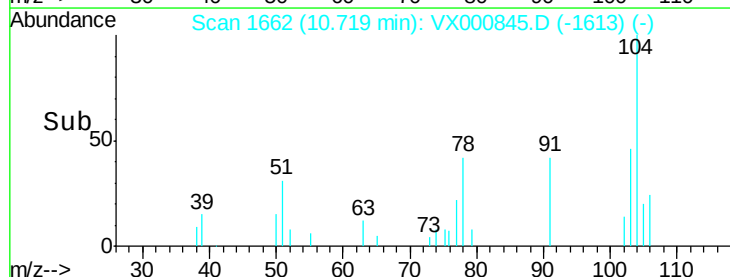
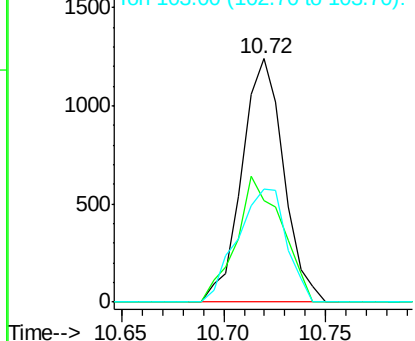


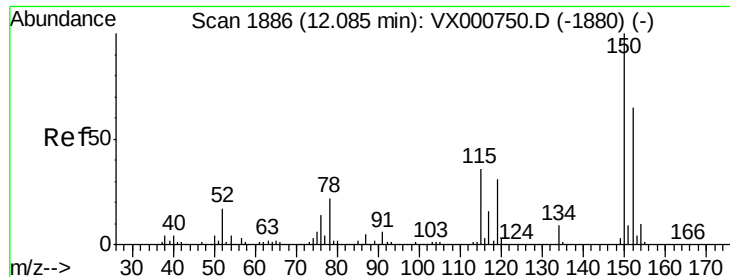
#70
Styrene
Concen: 0.21 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000845.D
Acq: 13 Apr 2018 13:27

Tgt Ion:104 Resp: 1767
Ion Ratio Lower Upper
104 100
78 56.3 39.0 58.6
103 54.6 44.1 66.1



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

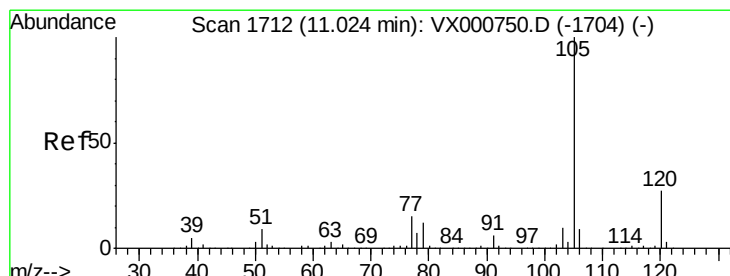
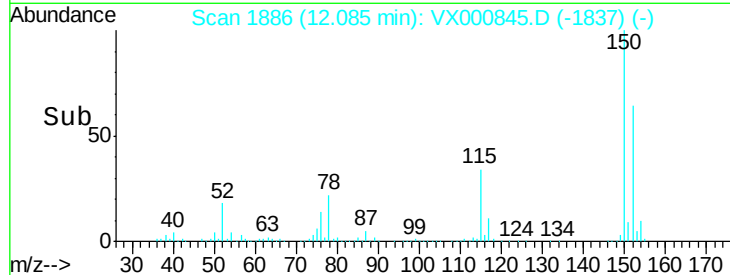
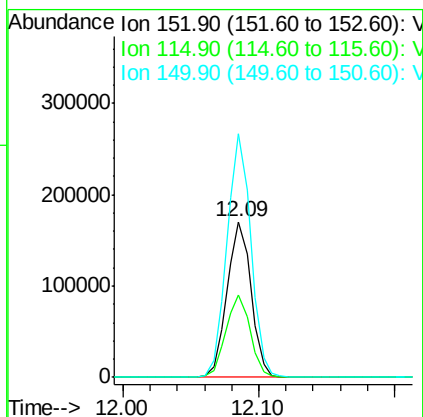
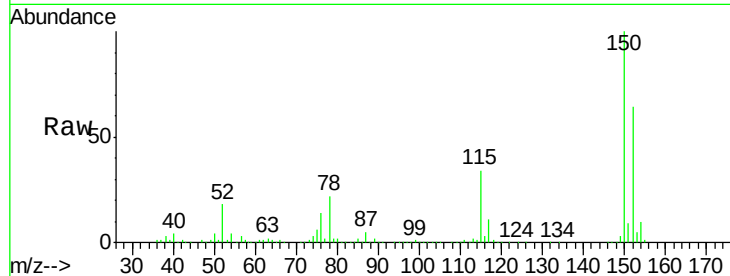




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.09 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX000845.D
 Acq: 13 Apr 2018 13:27

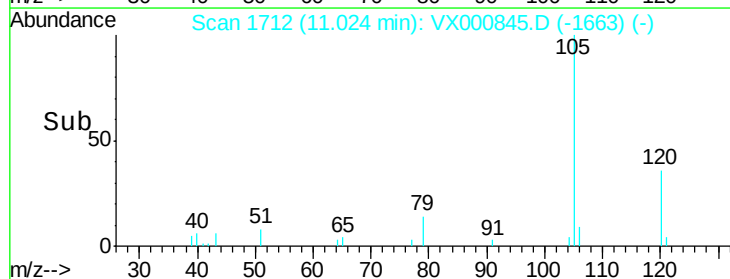
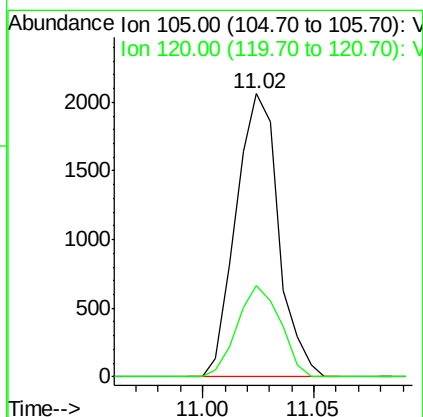
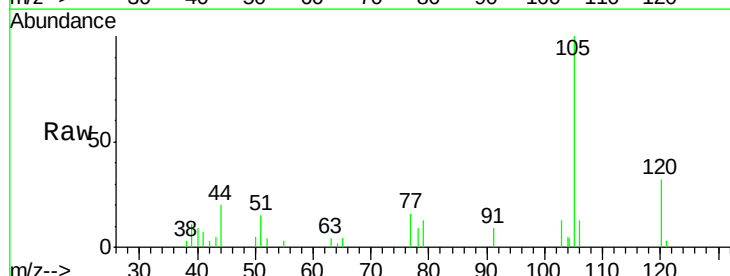
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT2-2018

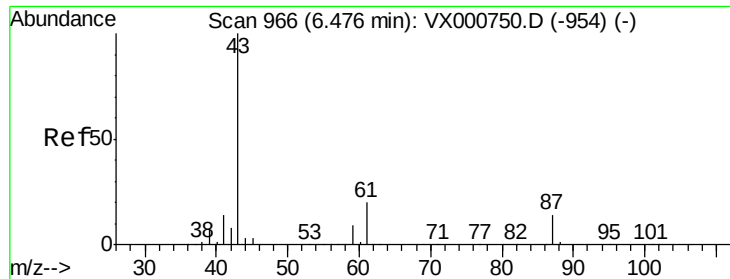
Tgt Ion:152 Resp: 209697
 Ion Ratio Lower Upper
 152 100
 115 53.4 37.9 113.7
 150 155.2 0.0 348.0



#73
 Isopropylbenzene
 Concen: 0.21 ug/l
 RT: 11.02 min Scan# 1712
 Delta R.T. -0.00 min
 Lab File: VX000845.D
 Acq: 13 Apr 2018 13:27

Tgt Ion:105 Resp: 2752
 Ion Ratio Lower Upper
 105 100
 120 32.6 13.7 41.0





#74

N-amyI acetate

Concen: 0.22 ug/l

RT: 6.48 min Scan# 967

Delta R.T. 0.01 min

Lab File: VX000845.D

Acq: 13 Apr 2018 13:27

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2018

Tgt Ion: 43 Resp: 1343

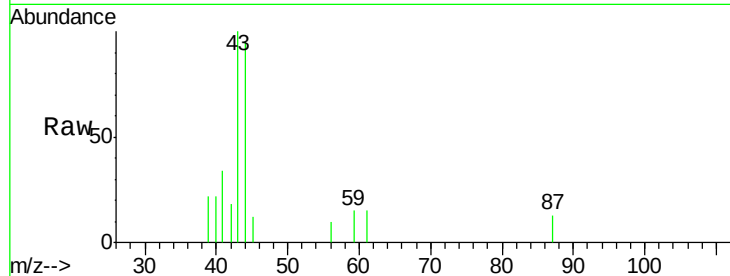
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 1.7 0.0 0.0#

61 0.0 15.6 23.4#

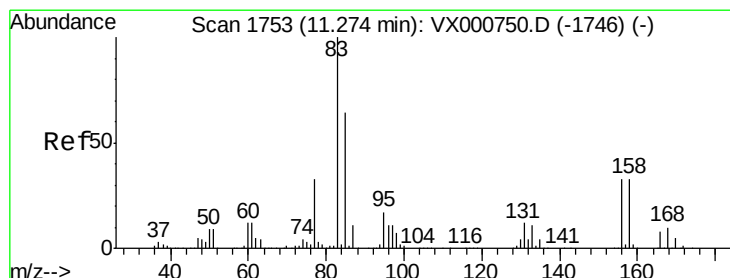
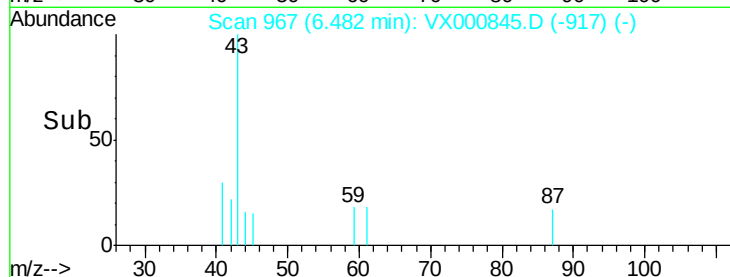
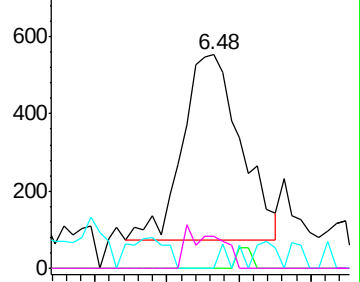


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#75

1,1,2,2-Tetrachloroethane

Concen: 0.23 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX000845.D

Acq: 13 Apr 2018 13:27

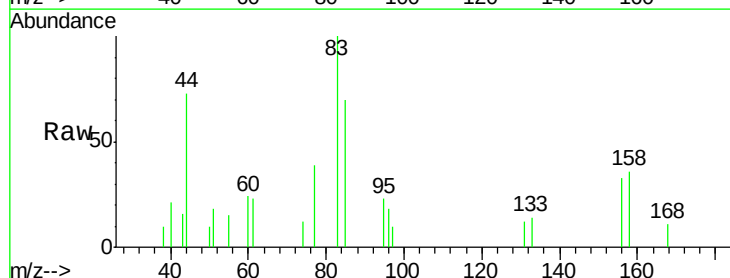
Tgt Ion: 83 Resp: 873

Ion Ratio Lower Upper

83 100

131 9.5 6.0 18.0

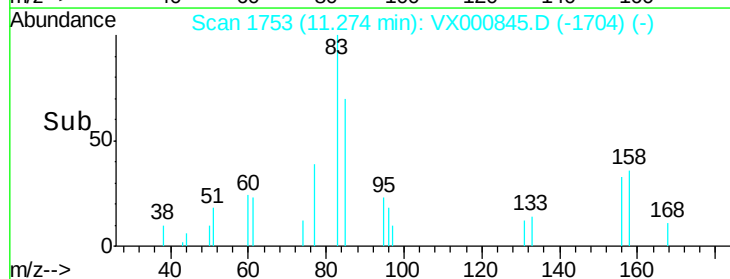
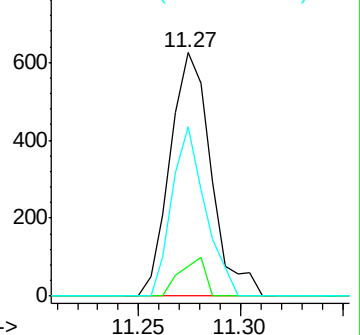
85 56.2 32.3 96.8

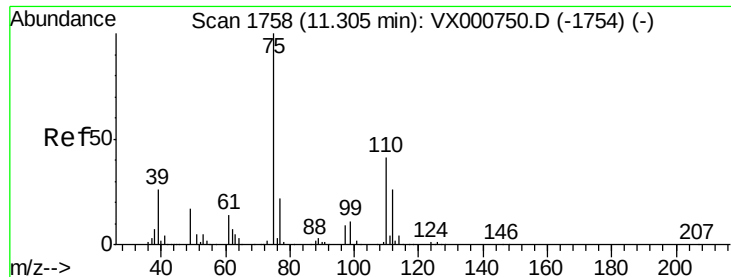


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0

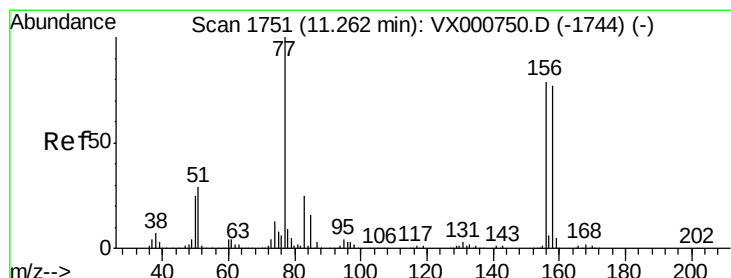
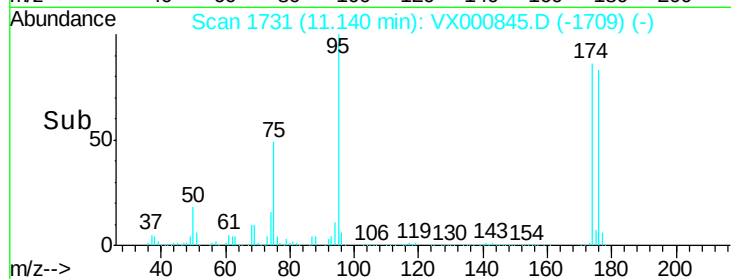
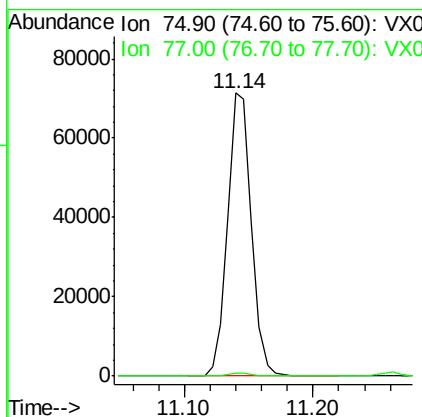
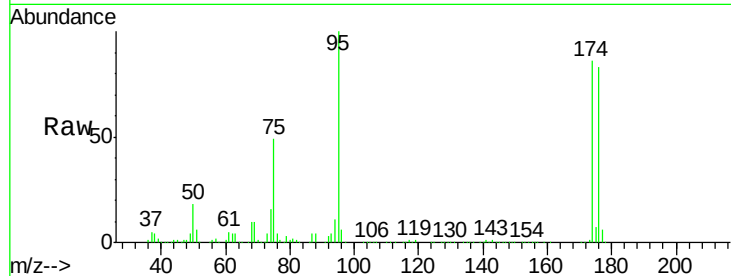




#76
 1,2,3-Trichloropropane
 Concen: 25.69 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. -0.16 min
 Lab File: VX000845.D
 Acq: 13 Apr 2018 13:27

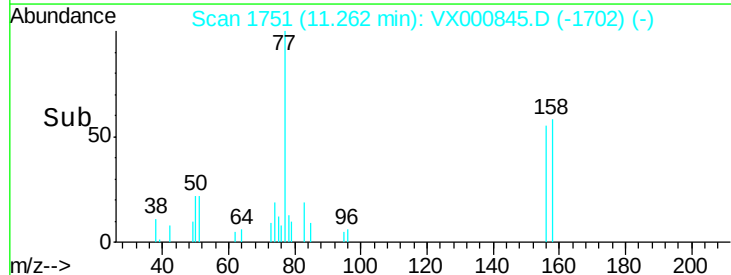
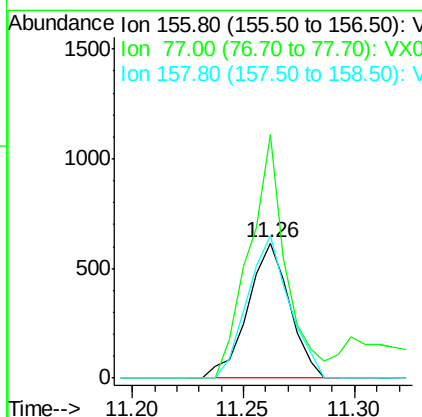
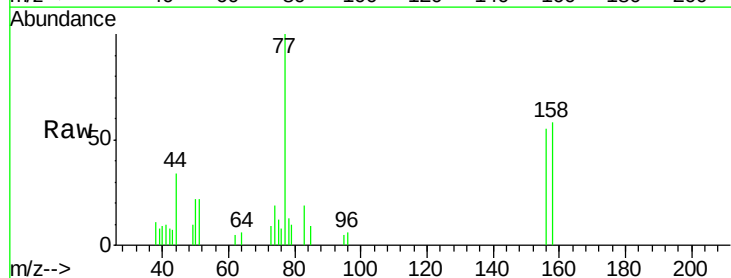
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT2-2018

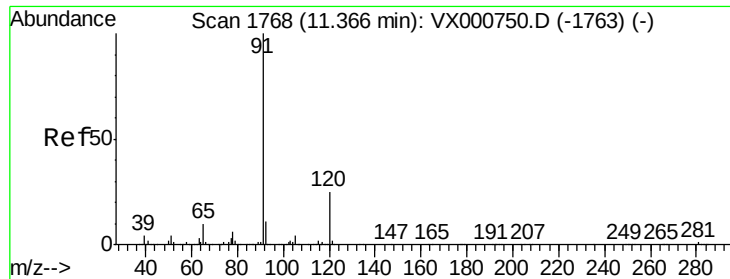
Tgt Ion: 75 Resp: 92907
 Ion Ratio Lower Upper
 75 100
 77 1.2 20.5 61.5#



#77
 Bromobenzene
 Concen: 0.21 ug/l
 RT: 11.26 min Scan# 1751
 Delta R.T. -0.00 min
 Lab File: VX000845.D
 Acq: 13 Apr 2018 13:27

Tgt Ion: 156 Resp: 808
 Ion Ratio Lower Upper
 156 100
 77 157.8 66.0 198.2
 158 105.0 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: VX000845.D

Acq: 13 Apr 2018 13:27

Instrument :

MSVOA_X

ClientSampleId :

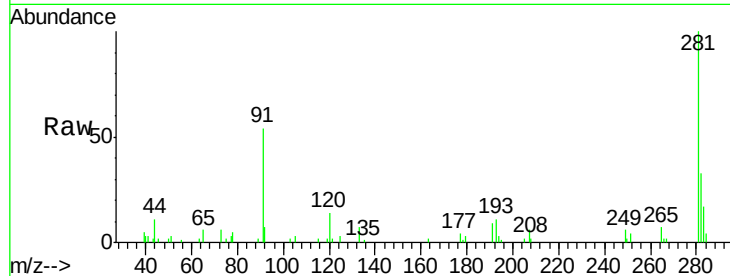
MDL-WATER-03-QT2-2018

Tgt Ion: 91 Resp: 3281

Ion Ratio Lower Upper

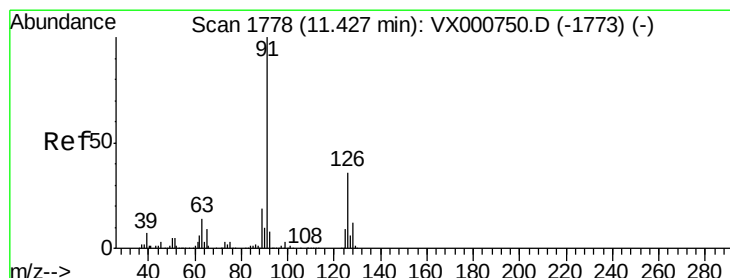
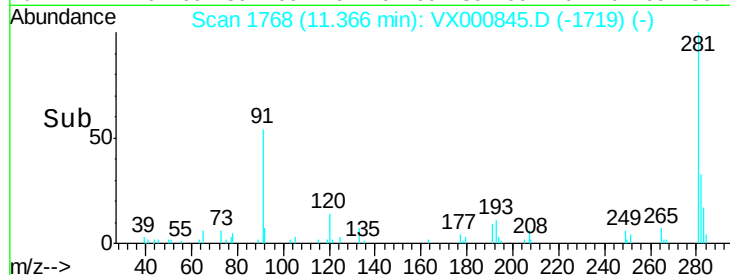
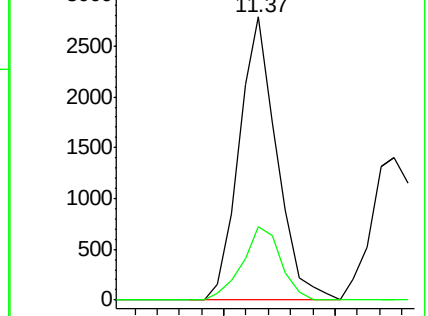
91 100

120 26.4 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: 0.22 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX000845.D

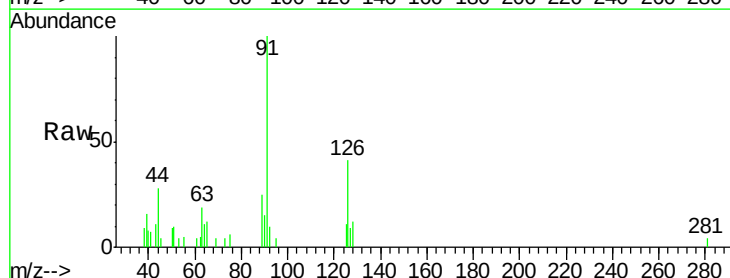
Acq: 13 Apr 2018 13:27

Tgt Ion: 91 Resp: 1992

Ion Ratio Lower Upper

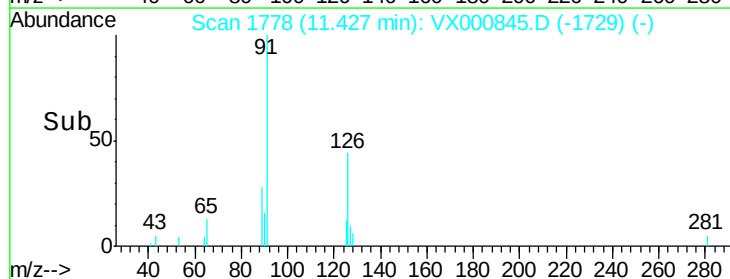
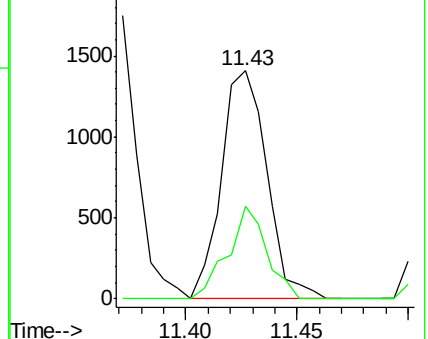
91 100

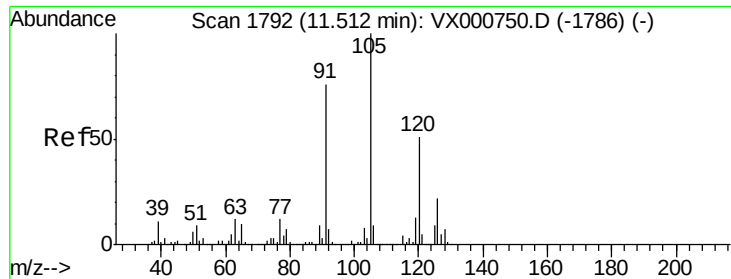
126 34.8 18.3 54.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

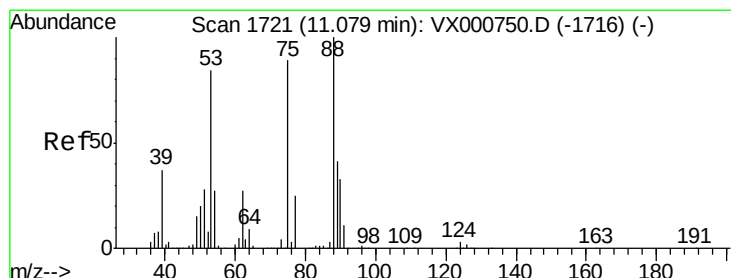
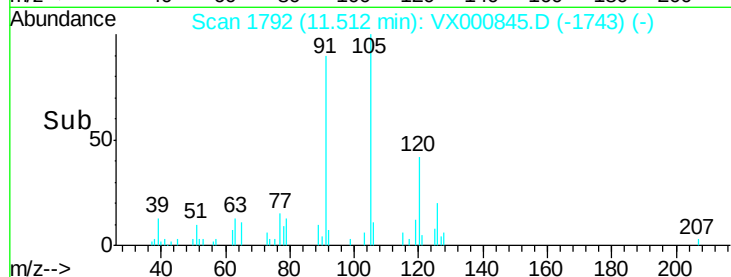
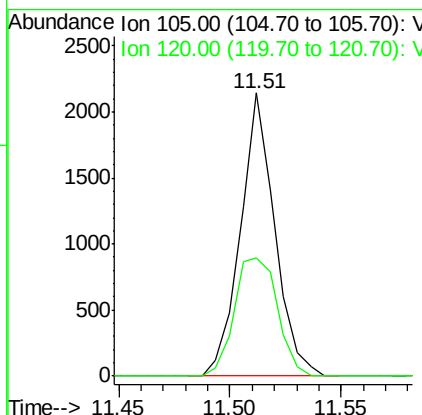
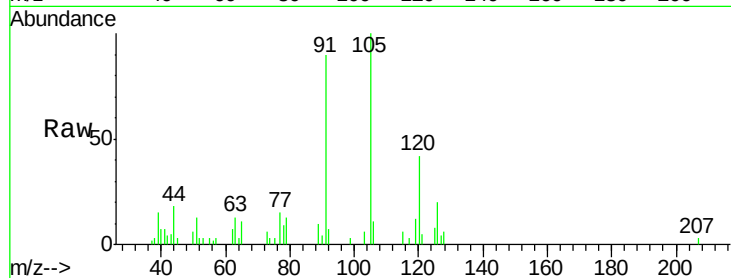




#80
 1,3,5-Trimethylbenzene
 Concen: 0.20 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX000845.D
 Acq: 13 Apr 2018 13:27

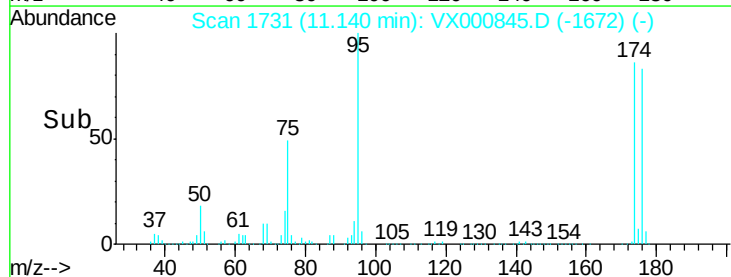
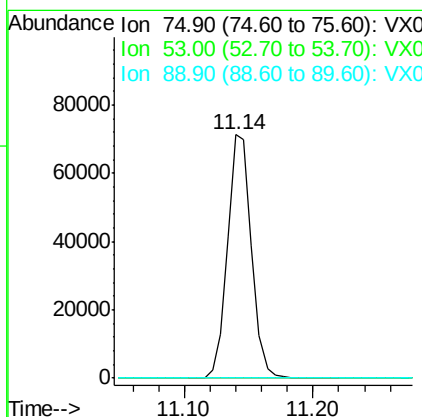
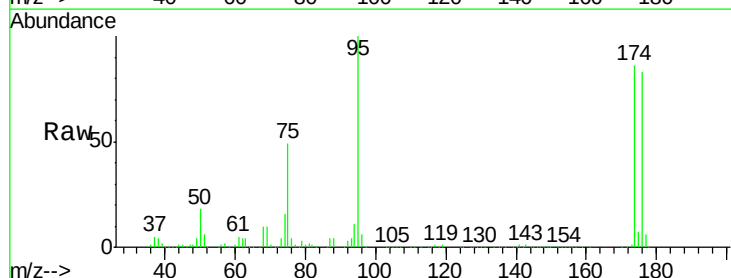
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT2-2018

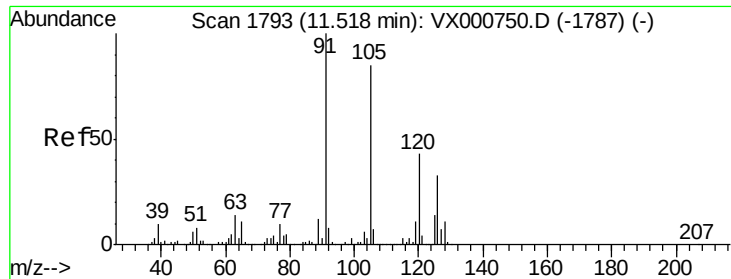
Tgt Ion: 105 Resp: 2298
 Ion Ratio Lower Upper
 105 100
 120 52.7 25.0 75.0



#81
 trans-1,4-Dichloro-2-butene
 Concen: 70.67 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.06 min
 Lab File: VX000845.D
 Acq: 13 Apr 2018 13:27

Tgt Ion: 75 Resp: 92907
 Ion Ratio Lower Upper
 75 100
 53 0.0 75.4 113.0#
 89 0.0 40.9 61.3#

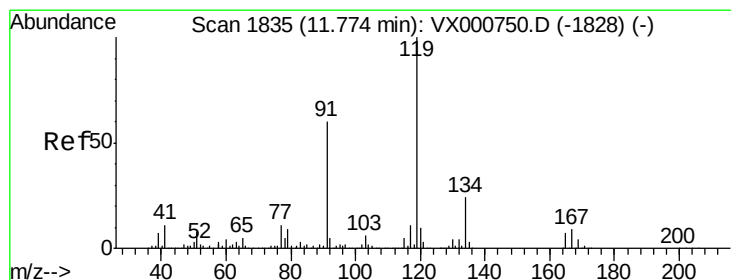
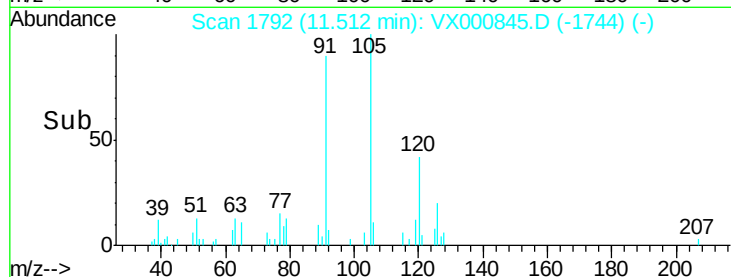
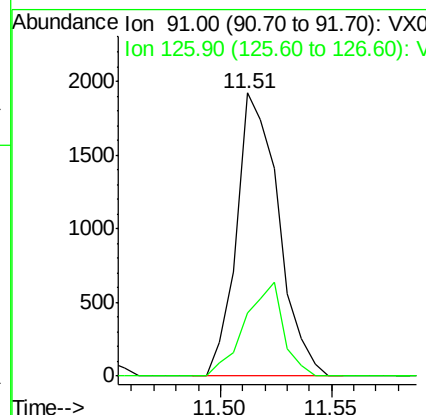
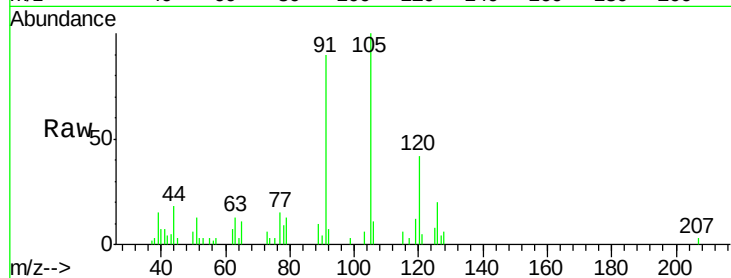




#82
4-Chlorotoluene
Concen: 0.23 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.01 min
Lab File: VX000845.D
Acq: 13 Apr 2018 13:27

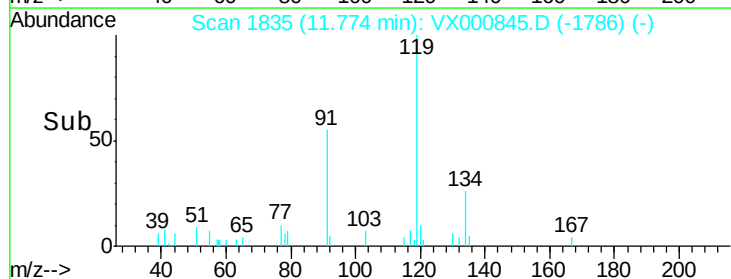
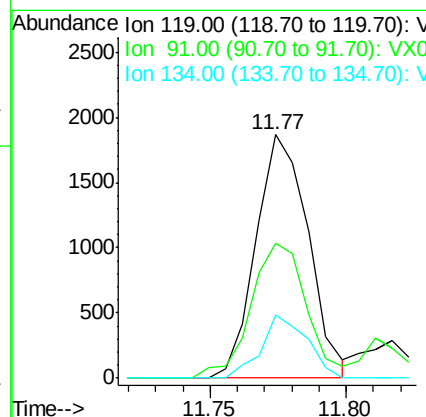
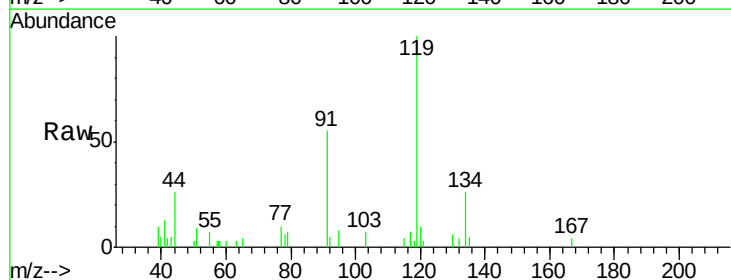
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2018

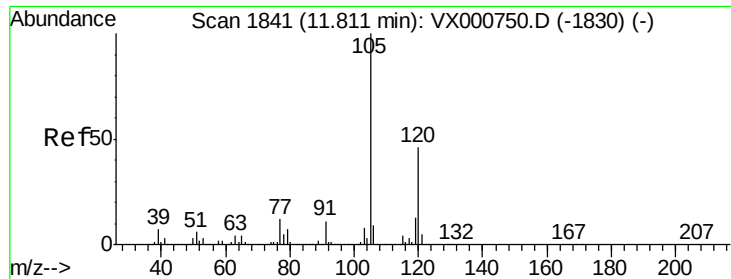
Tgt Ion: 91 Resp: 2529
Ion Ratio Lower Upper
91 100
126 30.5 16.2 48.6



#83
tert-Butylbenzene
Concen: 0.21 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX000845.D
Acq: 13 Apr 2018 13:27

Tgt Ion: 119 Resp: 2488
Ion Ratio Lower Upper
119 100
91 59.0 26.8 80.3
134 22.5 11.5 34.4

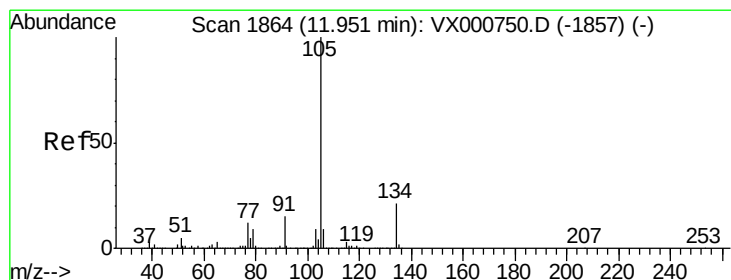
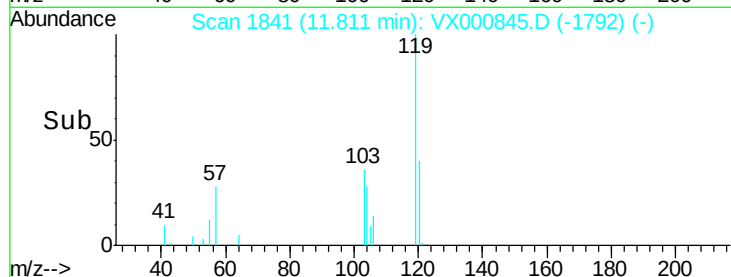
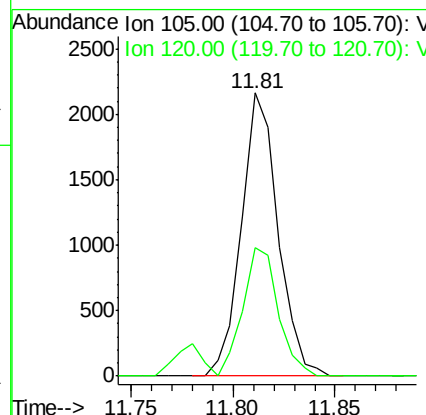
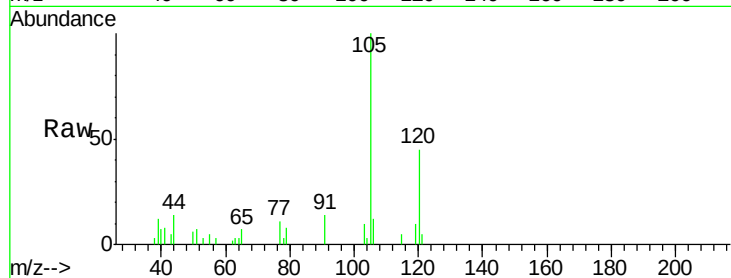




#84
 1,2,4-Trimethylbenzene
 Concen: 0.23 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX000845.D
 Acq: 13 Apr 2018 13:27

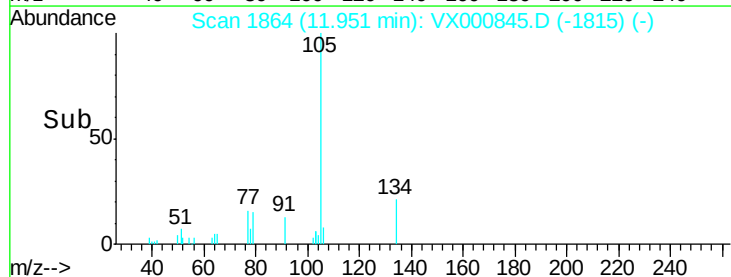
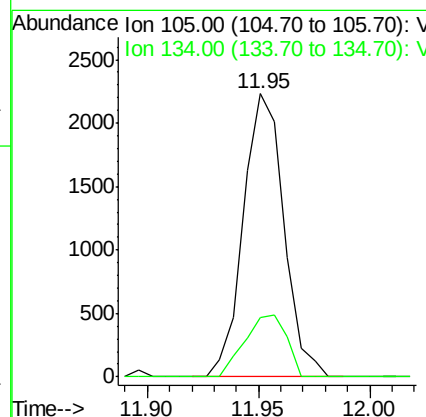
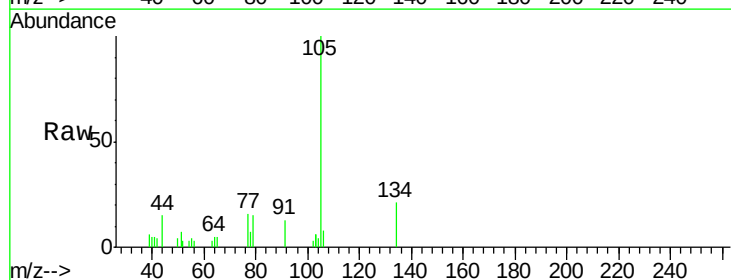
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT2-2018

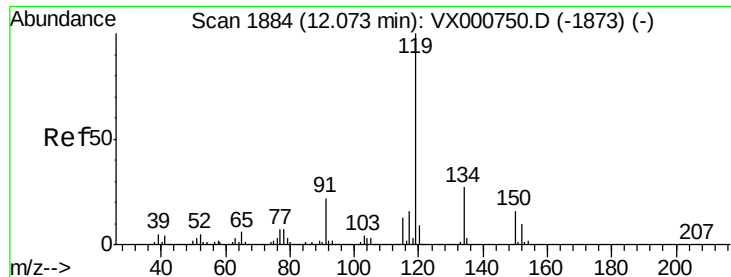
Tgt Ion:105 Resp: 2684
 Ion Ratio Lower Upper
 105 100
 120 44.2 23.1 69.3



#85
 sec-Butylbenzene
 Concen: 0.21 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX000845.D
 Acq: 13 Apr 2018 13:27

Tgt Ion:105 Resp: 2838
 Ion Ratio Lower Upper
 105 100
 134 22.4 10.8 32.4





#86

p-Isopropyltoluene

Concen: 0.22 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.01 min

Lab File: VX000845.D

Acq: 13 Apr 2018 13:27

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2018

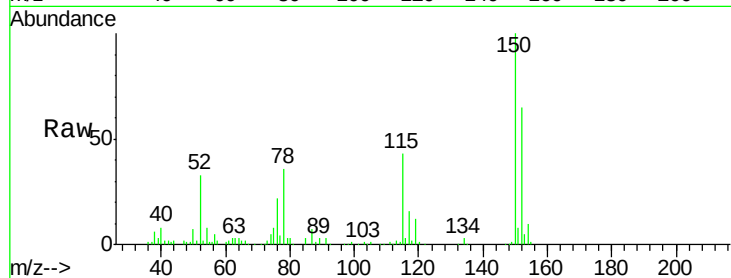
Tgt Ion:119 Resp: 2873

Ion Ratio Lower Upper

119 100

134 32.5 13.6 40.7

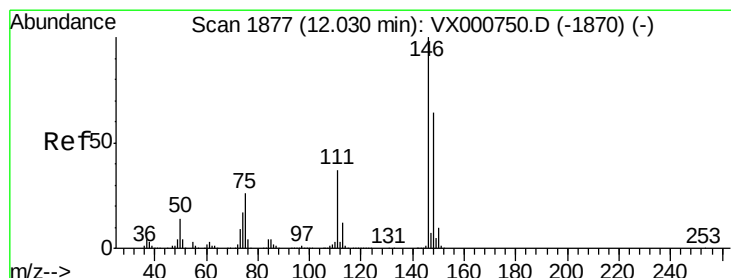
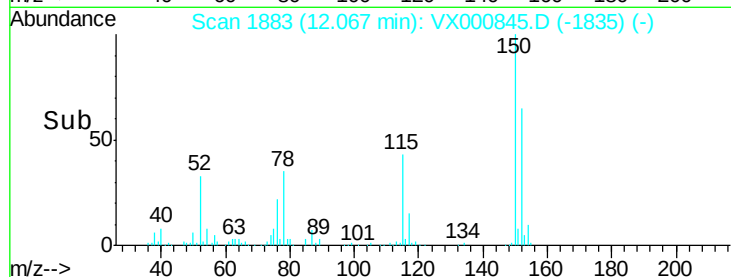
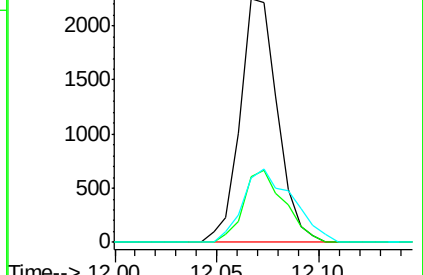
91 40.1 11.2 33.5#



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: 0.26 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX000845.D

Acq: 13 Apr 2018 13:27

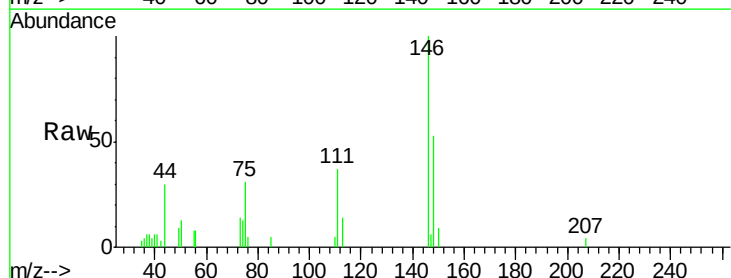
Tgt Ion:146 Resp: 1888

Ion Ratio Lower Upper

146 100

111 39.5 18.3 54.8

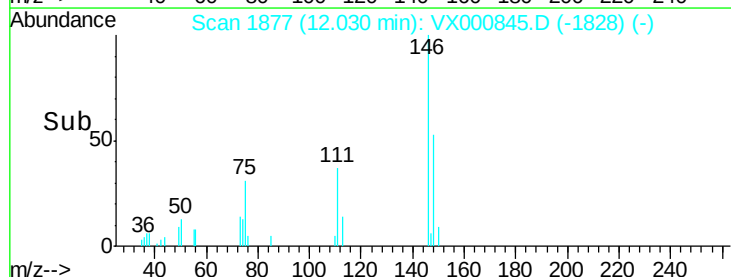
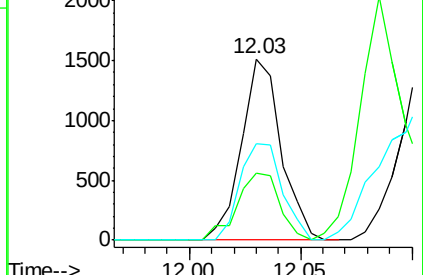
148 56.5 32.2 96.6

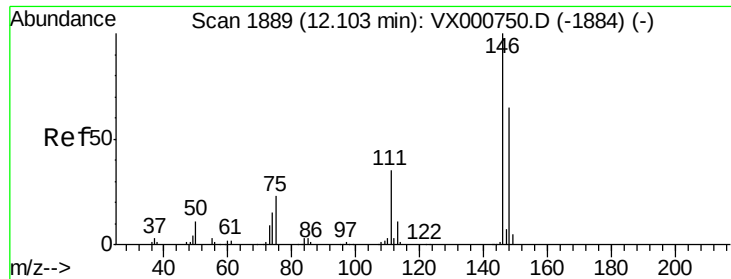


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

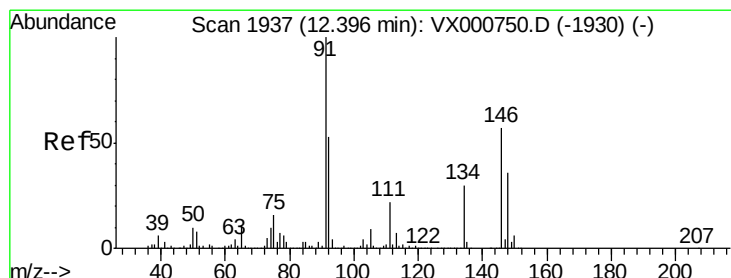
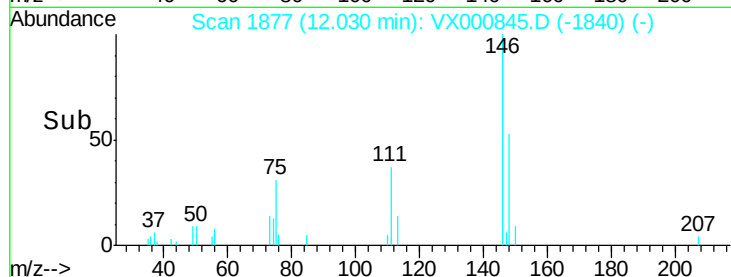
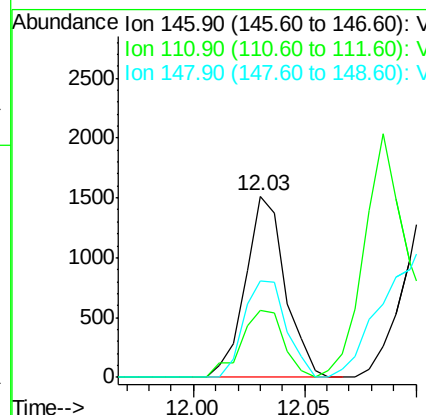
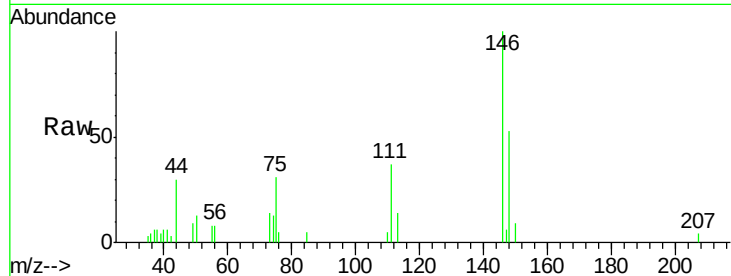




#88
 1,4-Dichlorobenzene
 Concen: 0.26 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.07 min
 Lab File: VX000845.D
 Acq: 13 Apr 2018 13:27

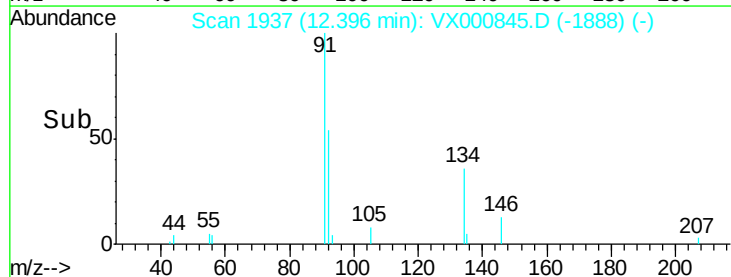
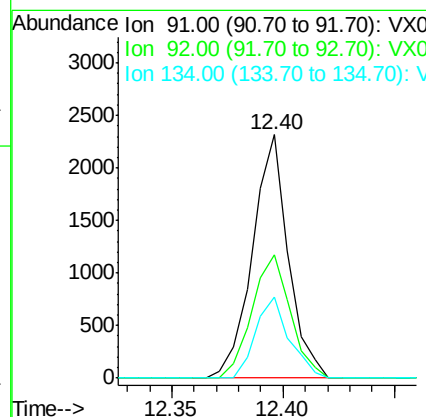
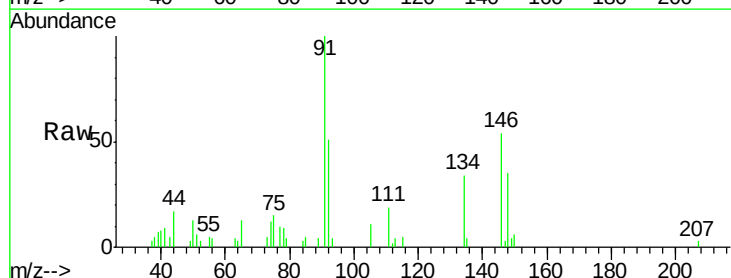
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT2-2018

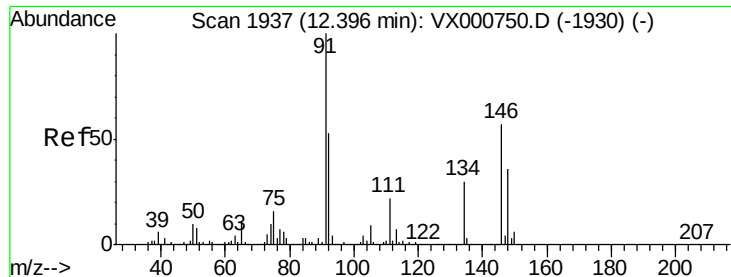
Tgt Ion: 146 Resp: 1888
 Ion Ratio Lower Upper
 146 100
 111 39.5 17.9 53.8
 148 56.5 32.6 97.7



#89
 n-Butylbenzene
 Concen: 0.23 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX000845.D
 Acq: 13 Apr 2018 13:27

Tgt Ion: 91 Resp: 2605
 Ion Ratio Lower Upper
 91 100
 92 54.0 26.5 79.5
 134 31.1 14.5 43.5

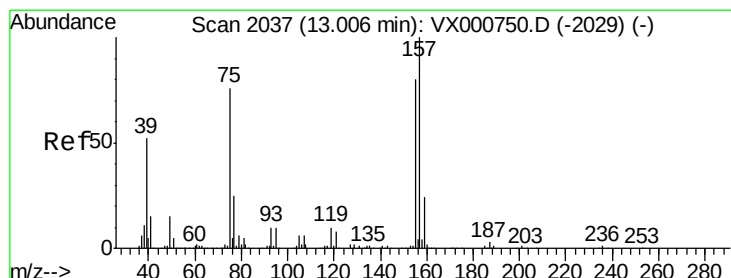
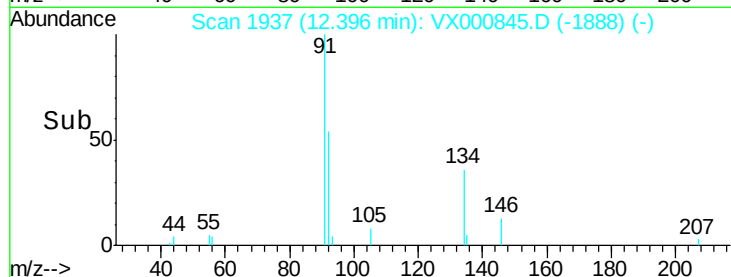
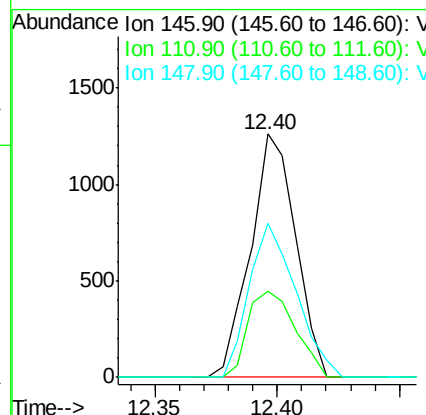
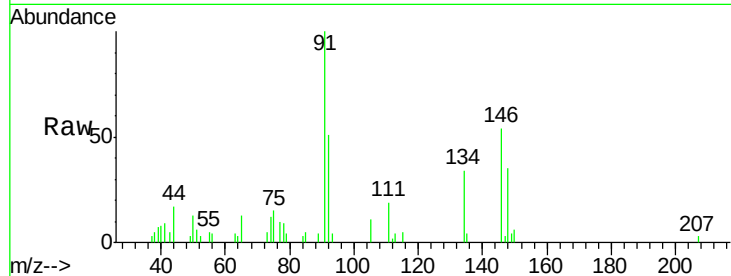




#91
1,2-Dichlorobenzene
Concen: 0.23 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX000845.D
Acq: 13 Apr 2018 13:27

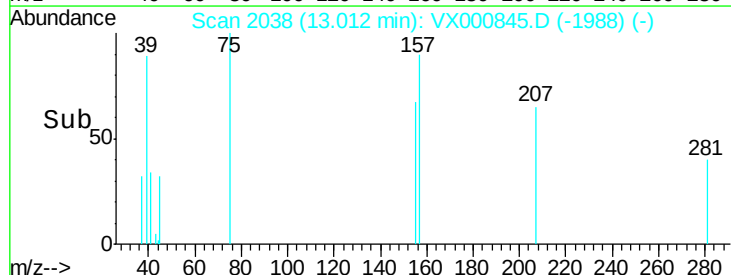
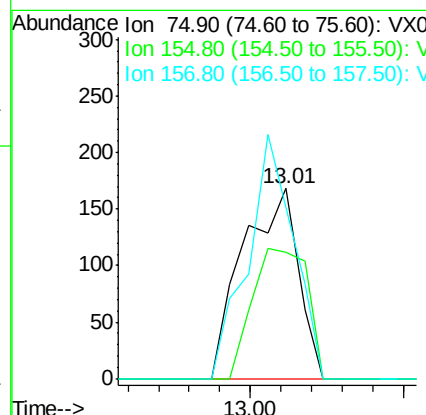
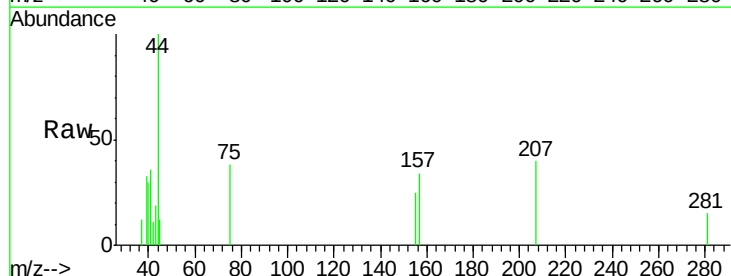
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2018

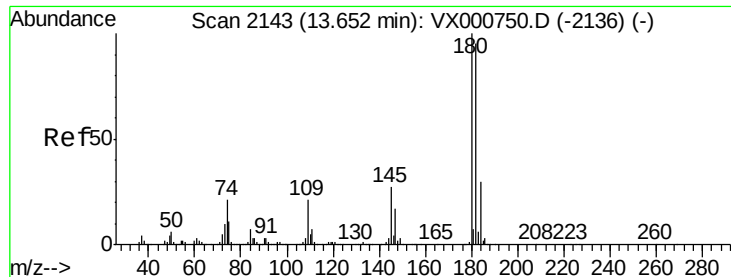
Tgt Ion: 146 Resp: 1627
Ion Ratio Lower Upper
146 100
111 37.0 18.9 56.7
148 65.5 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.22 ug/l
RT: 13.01 min Scan# 2038
Delta R.T. 0.01 min
Lab File: VX000845.D
Acq: 13 Apr 2018 13:27

Tgt Ion: 75 Resp: 211
Ion Ratio Lower Upper
75 100
155 67.8 51.9 155.8
157 106.6 66.6 199.8

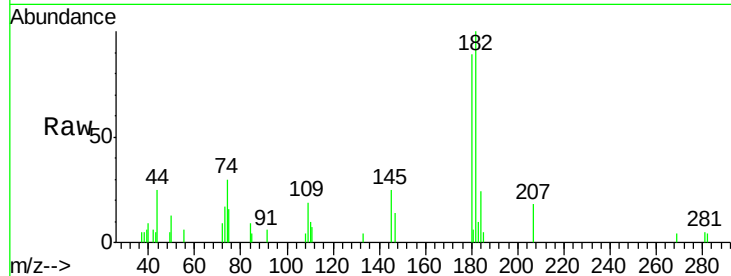




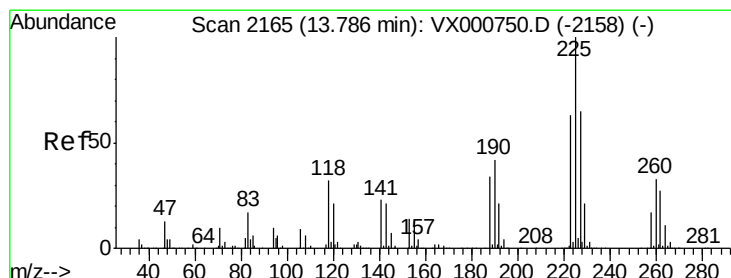
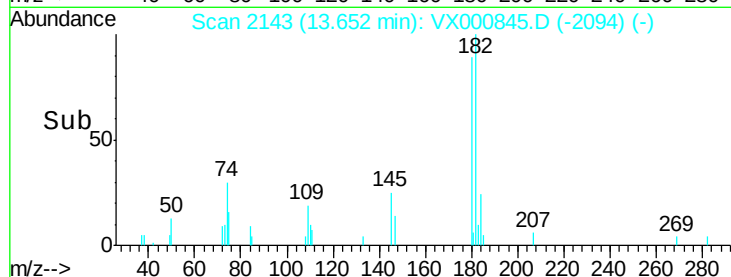
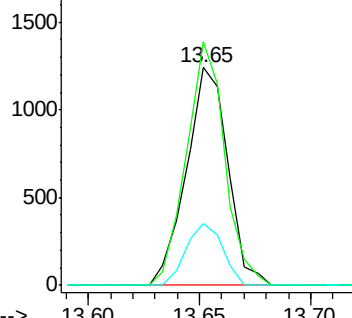
#93
 1,2,4-Trichlorobenzene
 Concen: 0.27 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX000845.D
 Acq: 13 Apr 2018 13:27

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT2-2018

Tgt Ion:180 Resp: 1611
 Ion Ratio Lower Upper
 180 100
 182 103.4 47.5 142.5
 145 24.9 13.8 41.4

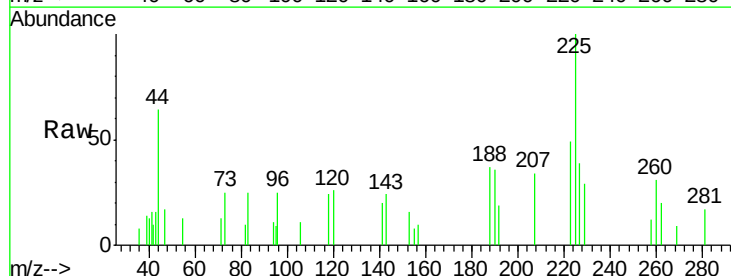


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

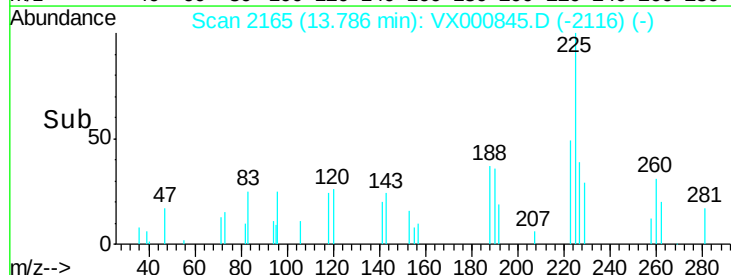
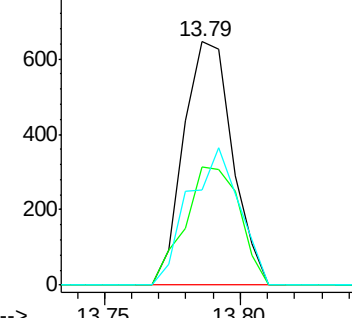


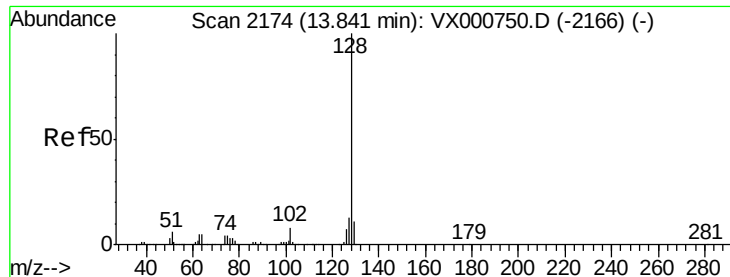
#94
 Hexachlorobutadiene
 Concen: 0.28 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX000845.D
 Acq: 13 Apr 2018 13:27

Tgt Ion:225 Resp: 805
 Ion Ratio Lower Upper
 225 100
 223 54.2 31.2 93.6
 227 58.3 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: 0.25 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX000845.D

Acq: 13 Apr 2018 13:27

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2018

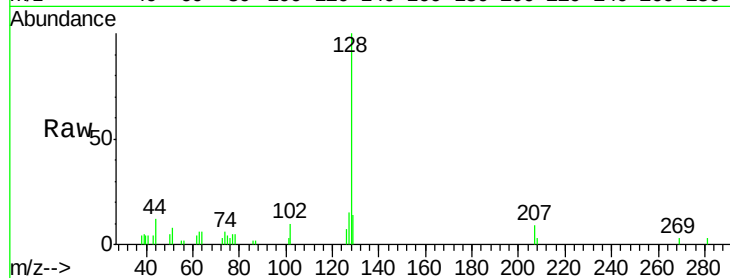
Tgt Ion:128 Resp: 3809

Ion Ratio Lower Upper

128 100

127 14.8 10.4 15.6

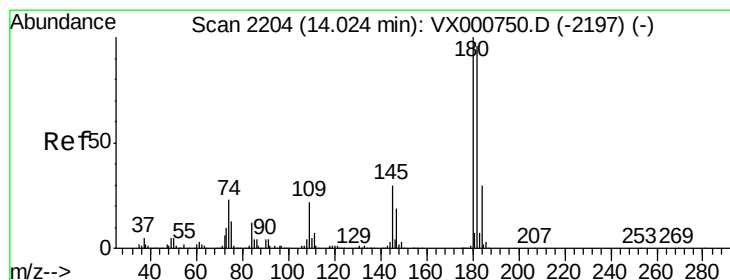
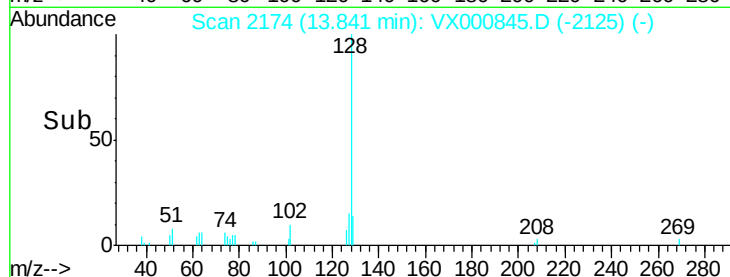
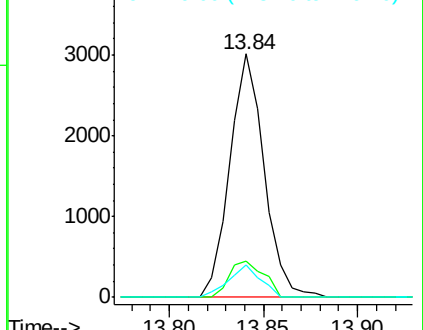
129 12.3 8.7 13.1



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: 0.26 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. 0.01 min

Lab File: VX000845.D

Acq: 13 Apr 2018 13:27

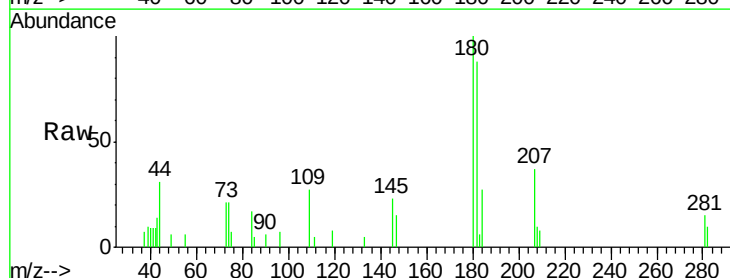
Tgt Ion:180 Resp: 1476

Ion Ratio Lower Upper

180 100

182 87.8 48.4 145.2

145 28.0 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

