

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX070918\
 Data File : VX003255.D
 Acq On : 09 Jul 2018 20:31
 Operator : JC/MD
 Sample : J3762-07 LOD/MDL .2PPB
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2018

Quant Time: Jul 10 01:02:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X070918W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 09 15:24:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	254008	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	326746	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	291821	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	188776	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	197786	49.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.96%	
35) Dibromofluoromethane	5.51	113	168418	47.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.96%	
50) Toluene-d8	8.72	98	596712	47.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.72%	
62) 4-Bromofluorobenzene	11.14	95	204929	44.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.96%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	1084	0.28	ug/l	98
3) Chloromethane	1.32	50	1491	0.42	ug/l #	85
4) Vinyl Chloride	1.41	62	894	0.25	ug/l #	1
5) Bromomethane	1.65	94	3286	Below Cal		84
6) Chloroethane	1.73	64	514	0.26	ug/l	95
7) Trichlorofluoromethane	1.93	101	1411	0.26	ug/l	99
8) Diethyl Ether	2.20	74	412	0.21	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.39	101	874	0.28	ug/l #	86
10) Methyl Iodide	2.52	142	4706	6.86	ug/l	94
11) Tert butyl alcohol	3.07	59	936	1.29	ug/l	98
12) 1,1-Dichloroethene	2.38	96	758	0.27	ug/l #	51
13) Acrolein	2.29	56	1005	1.72	ug/l	95
14) Allyl chloride	2.72	41	1259	0.24	ug/l #	86
15) Acrylonitrile	3.16	53	2343	1.45	ug/l	95
16) Acetone	2.45	43	1958	1.38	ug/l	93
17) Carbon Disulfide	2.57	76	4153	0.52	ug/l	98
18) Methyl Acetate	2.78	43	864	0.22	ug/l #	90
19) Methyl tert-butyl Ether	3.22	73	1996	0.21	ug/l #	77
20) Methylene Chloride	2.86	84	1390	Below Cal	#	80
21) trans-1,2-Dichloroethene	3.17	96	1128	0.37	ug/l	93
23) Vinyl Acetate	3.83	43	8410	0.92	ug/l #	95
24) 1,1-Dichloroethane	3.70	63	1299	0.23	ug/l #	83
25) 2-Butanone	4.72	43	2497	0.99	ug/l #	85
27) cis-1,2-Dichloroethene	4.60	96	1013	0.27	ug/l #	12
28) Bromochloromethane	5.03	49	929	0.33	ug/l #	97
29) Tetrahydrofuran	5.17	42	2523	1.55	ug/l	95
30) Chloroform	5.21	83	1485	0.24	ug/l #	78
31) Cyclohexane	5.57	56	1387	0.26	ug/l #	82
36) 1,1-Dichloropropene	5.80	75	1504	0.33	ug/l	98
38) Carbon Tetrachloride	5.79	117	1255	0.25	ug/l #	82
39) Methylcyclohexane	7.46	83	1593	0.29	ug/l	91
40) Benzene	6.15	78	2961	0.22	ug/l	92
41) Methacrylonitrile	5.07	41	978	0.35	ug/l #	36
42) 1,2-Dichloroethane	6.20	62	1151	0.22	ug/l	97

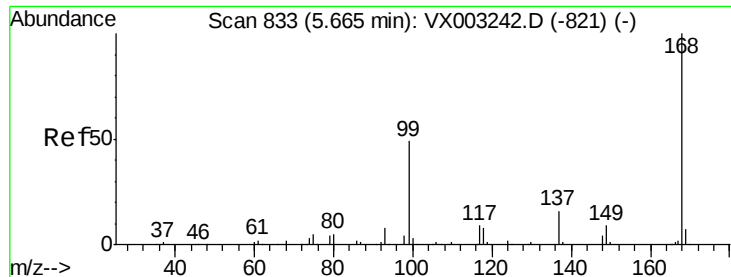
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX070918\
 Data File : VX003255.D
 Acq On : 09 Jul 2018 20:31
 Operator : JC/MD
 Sample : J3762-07 LOD/MDL .2PPB
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2018

Quant Time: Jul 10 01:02:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X070918W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 09 15:24:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	7.21	130	1190	0.29	ug/l	70
45) 1,2-Dichloropropane	7.52	63	723	0.20	ug/l #	77
46) Dibromomethane	7.67	93	576	0.24	ug/l	87
48) Methyl methacrylate	7.79	41	984	0.24	ug/l #	83
49) 1,4-Dioxane	7.77	88	406	4.75	ug/l #	51
51) 4-Methyl-2-Pentanone	8.65	43	3995	0.81	ug/l	94
52) Toluene	8.79	92	2172	0.25	ug/l	93
54) cis-1,3-Dichloropropene	9.05	75	1006	0.21	ug/l	96
55) 1,1,2-Trichloroethane	9.22	97	722	0.20	ug/l #	70
58) 2-Chloroethyl Vinyl ether	8.32	63	1907	0.80	ug/l	95
59) 2-Hexanone	9.51	43	2934	0.78	ug/l	93
61) 1,2-Dibromoethane	9.68	107	757	0.20	ug/l	95
64) Tetrachloroethene	9.34	164	1350	0.31	ug/l	91
65) Chlorobenzene	10.15	112	2504	0.25	ug/l	98
67) Ethyl Benzene	10.26	91	3746	0.23	ug/l	98
68) m/p-Xylenes	10.36	106	2922	0.47	ug/l	99
69) o-Xylene	10.70	106	1274	0.21	ug/l	96
70) Styrene	10.71	104	2159	0.22	ug/l	97
73) Isopropylbenzene	11.02	105	3527	0.24	ug/l	98
74) N-amyl acetate	6.48	43	1572	0.22	ug/l #	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	1007	0.22	ug/l	97
76) 1,2,3-Trichloropropane	11.14	75	100173	24.55	ug/l #	33
77) Bromobenzene	11.26	156	1333	0.31	ug/l	95
78) n-propylbenzene	11.37	91	5015	0.30	ug/l	100
79) 2-Chlorotoluene	11.42	91	2755	0.27	ug/l	95
80) 1,3,5-Trimethylbenzene	11.51	105	3044	0.25	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.14	75	100173	80.25	ug/l #	7
82) 4-Chlorotoluene	11.52	91	3261	0.28	ug/l	95
83) tert-Butylbenzene	11.77	119	2885	0.23	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	3042	0.24	ug/l	93
85) sec-Butylbenzene	11.95	105	3727	0.25	ug/l	94
86) p-Isopropyltoluene	12.07	119	3181	0.24	ug/l #	77
87) 1,3-Dichlorobenzene	12.03	146	2631	0.33	ug/l	98
88) 1,4-Dichlorobenzene	12.03	146	2631	0.33	ug/l	98
89) n-Butylbenzene	12.39	91	3531	0.32	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	2246	0.28	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	283	0.29	ug/l	79
93) 1,2,4-Trichlorobenzene	13.65	180	2334	0.40	ug/l	90
94) Hexachlorobutadiene	13.79	225	1269	0.44	ug/l	96
95) Naphthalene	13.84	128	4730	0.31	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	2139	0.37	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003255.D

Acq: 09 Jul 2018 20:31

Instrument :

MSVOA_X

ClientSampleId :

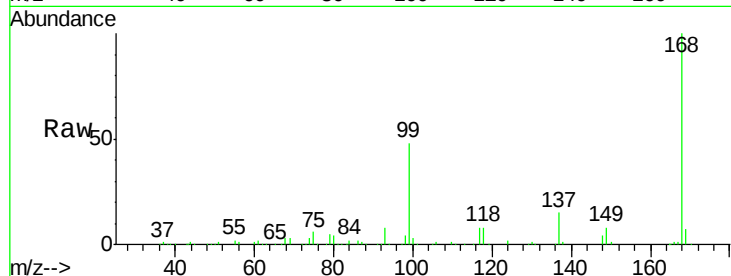
LOD-MDL-WATER-01-QT3-2018

Tot Ion:168 Resp: 254008

Ion Ratio Lower Upper

168 100

99 47.5 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

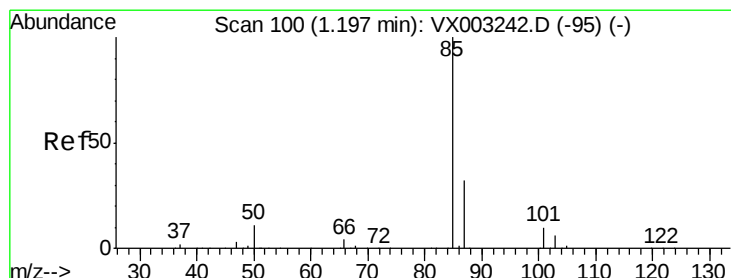
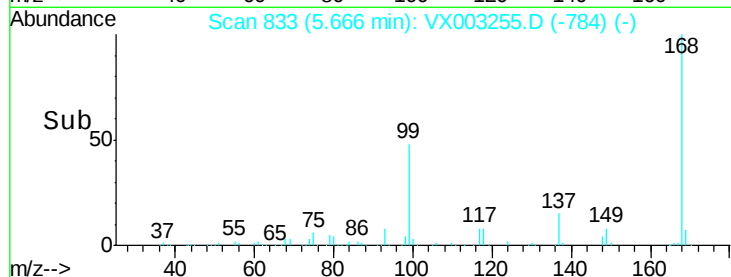
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 0.28 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003255.D

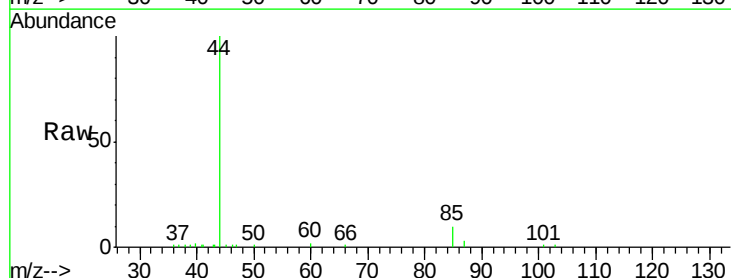
Acq: 09 Jul 2018 20:31

Tgt Ion: 85 Resp: 1084

Ion Ratio Lower Upper

85 100

87 32.8 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

1200

1000

800

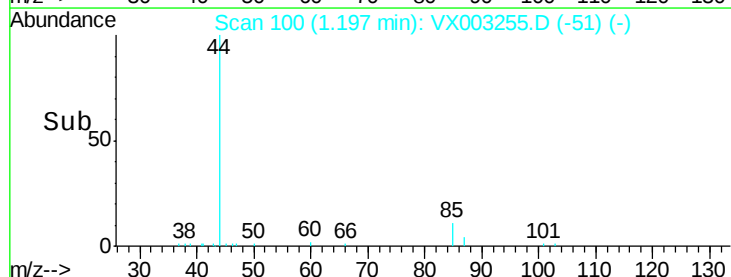
600

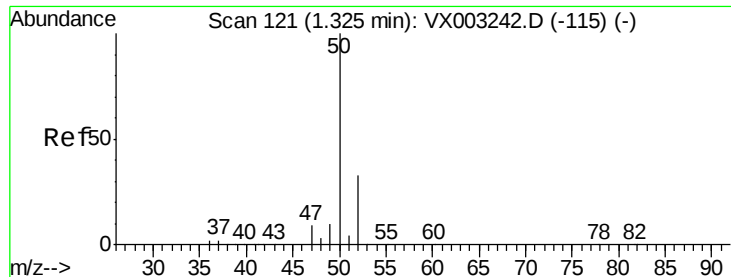
400

200

0

Time--> 1.15 1.20 1.25





#3

Chloromethane

Concen: 0.42 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003255.D

Acq: 09 Jul 2018 20:31

Instrument :

MSVOA_X

ClientSampleId :

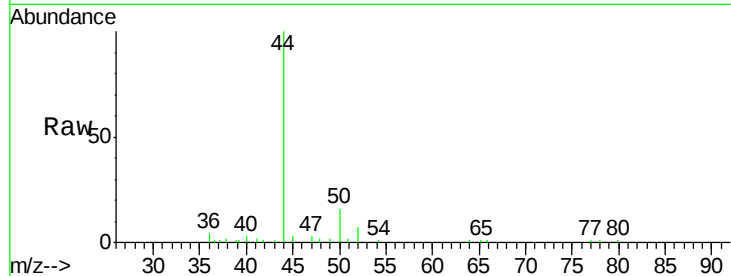
LOD-MDL-WATER-01-QT3-2018

Tot Ion: 50 Resp: 1491

Ion Ratio Lower Upper

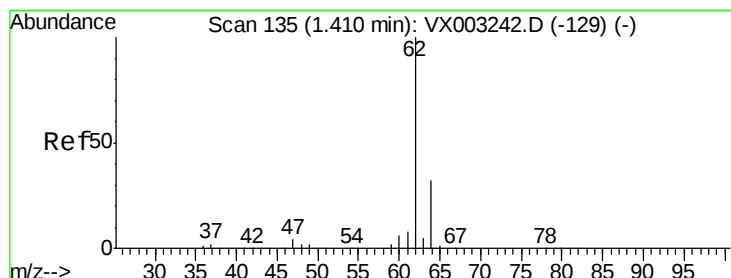
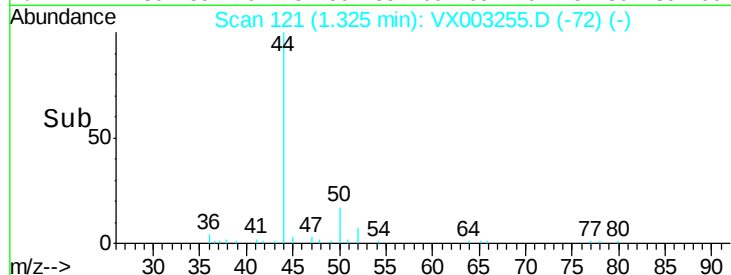
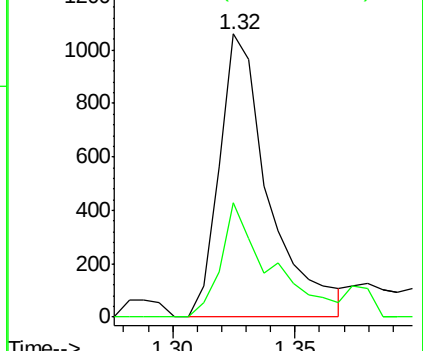
50 100

52 40.3 25.7 38.5#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 0.25 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX003255.D

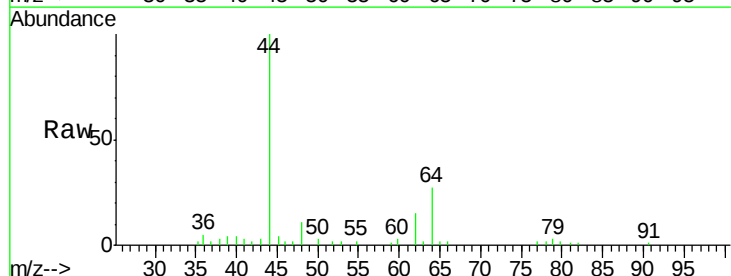
Acq: 09 Jul 2018 20:31

Tgt Ion: 62 Resp: 894

Ion Ratio Lower Upper

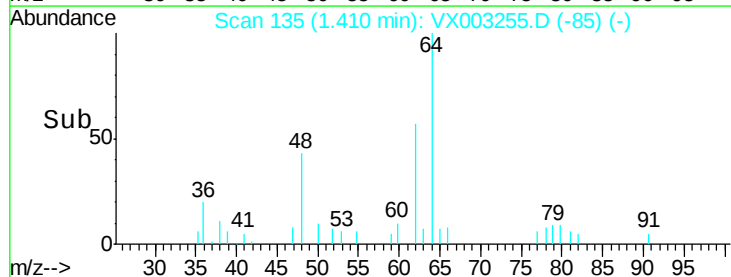
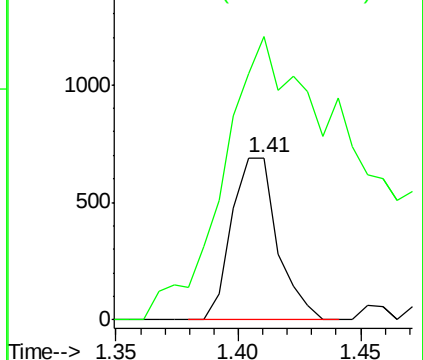
62 100

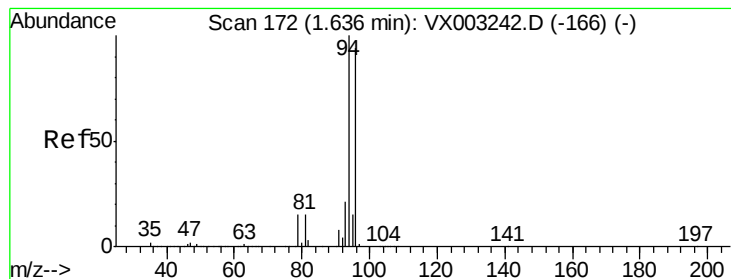
64 154.7 25.4 38.2#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX003255.D

Acq: 09 Jul 2018 20:31

Instrument :

MSVOA_X

ClientSampleId :

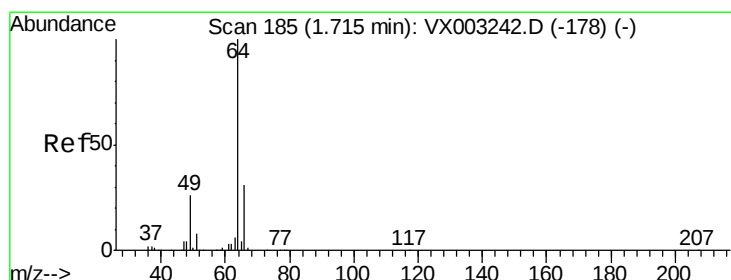
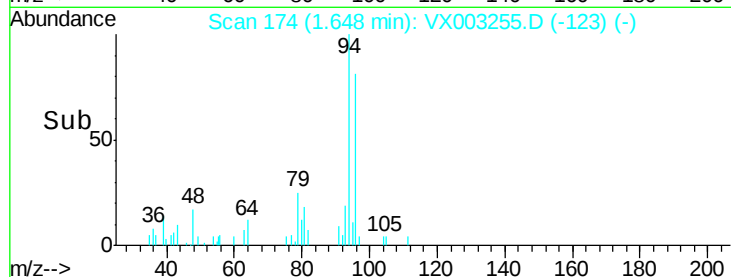
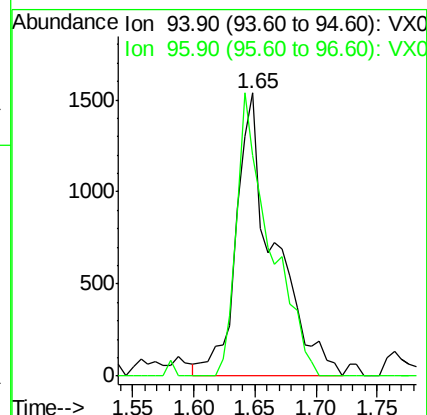
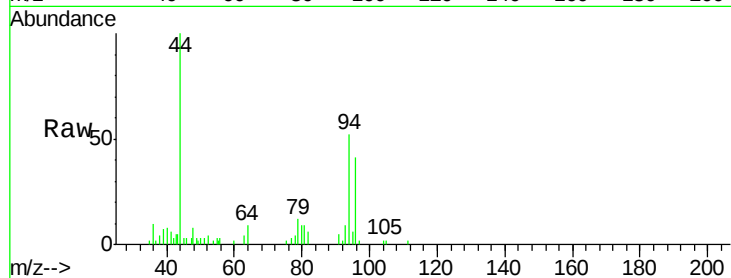
LOD-MDL-WATER-01-QT3-2018

Tot Ion: 94 Resp: 3286

Ion Ratio Lower Upper

94 100

96 78.0 74.9 112.3



#6

Chloroethane

Concen: 0.26 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.02 min

Lab File: VX003255.D

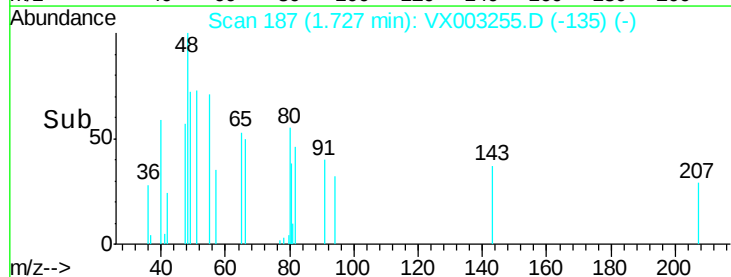
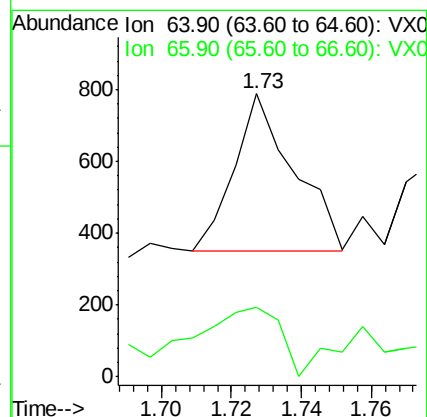
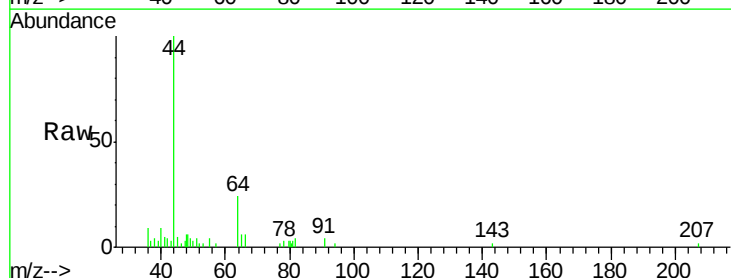
Acq: 09 Jul 2018 20:31

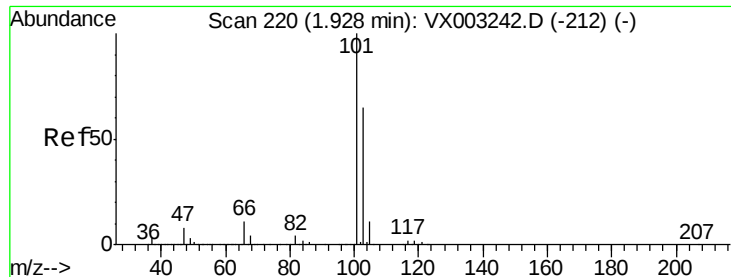
Tgt Ion: 64 Resp: 514

Ion Ratio Lower Upper

64 100

66 29.1 25.5 38.3





#7

Trichlorofluoromethane

Concen: 0.26 ug/l

RT: 1.93 min Scan# 220

Delta R.T. 0.01 min

Lab File: VX003255.D

Acq: 09 Jul 2018 20:31

Instrument :

MSVOA_X

ClientSampleId :

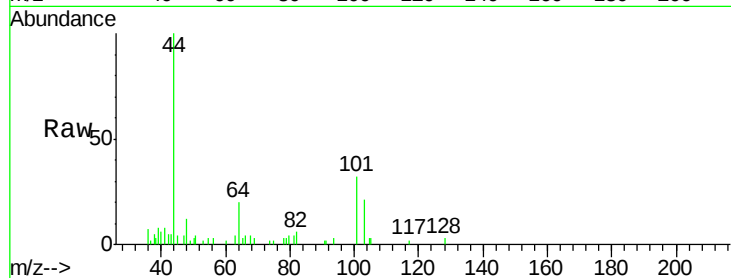
LOD-MDL-WATER-01-QT3-2018

Tot Ion:101 Resp: 1411

Ion Ratio Lower Upper

101 100

103 65.0 52.8 79.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V

1.93

800

600

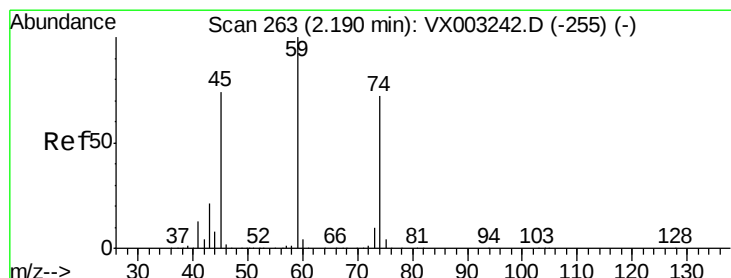
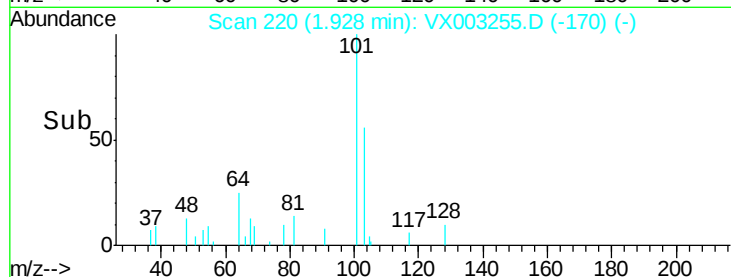
400

200

0

1.90 1.95

Time-->



#8

Diethyl Ether

Concen: 0.21 ug/l

RT: 2.20 min Scan# 264

Delta R.T. 0.01 min

Lab File: VX003255.D

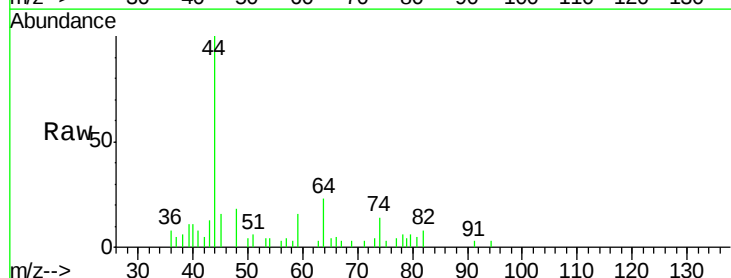
Acq: 09 Jul 2018 20:31

Tgt Ion: 74 Resp: 412

Ion Ratio Lower Upper

74 100

45 115.0 53.1 159.4



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

500

400

300

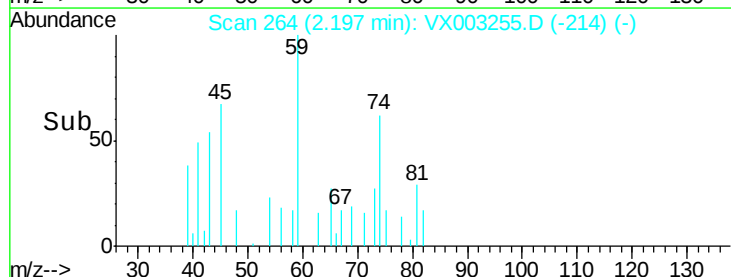
200

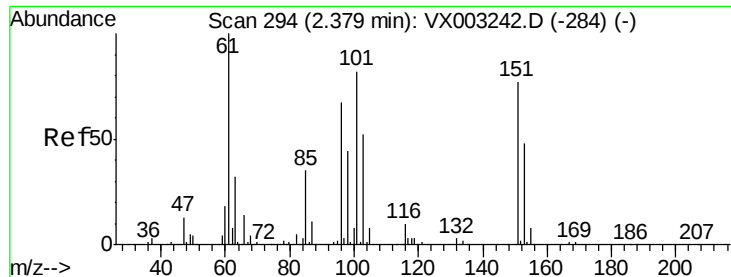
100

0

2.16 2.18 2.20 2.22

Time-->





#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.28 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX003255.D

Acq: 09 Jul 2018 20:31

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2018

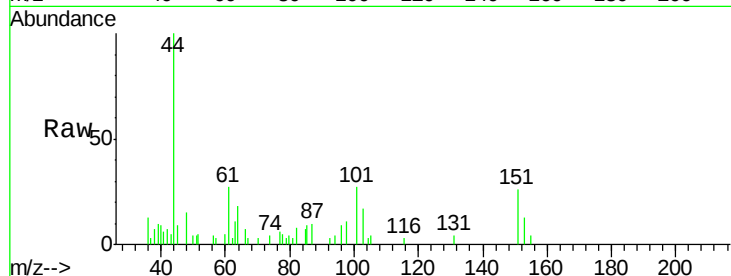
Tot Ion:101 Resp: 874

Ion Ratio Lower Upper

101 100

85 54.3 36.0 54.0#

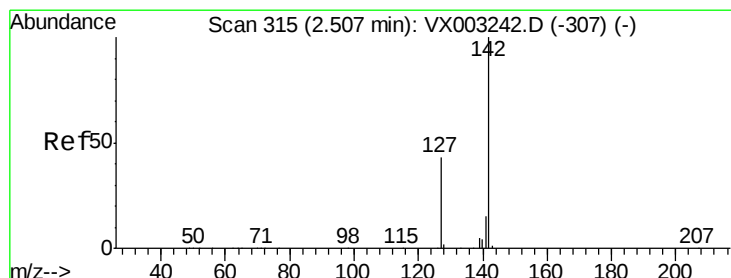
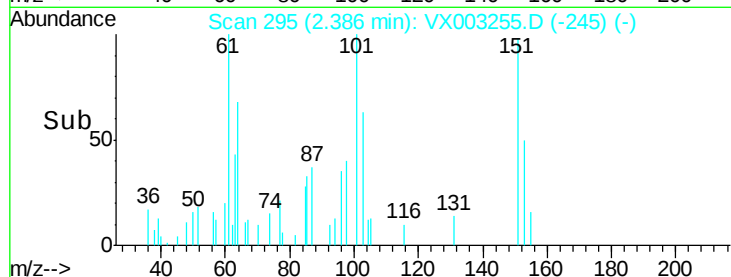
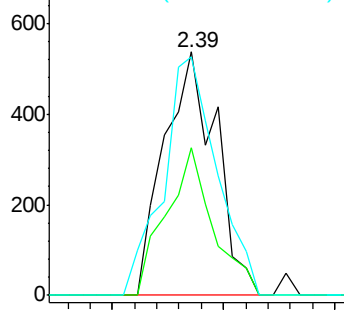
151 101.1 70.9 106.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 6.86 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX003255.D

Acq: 09 Jul 2018 20:31

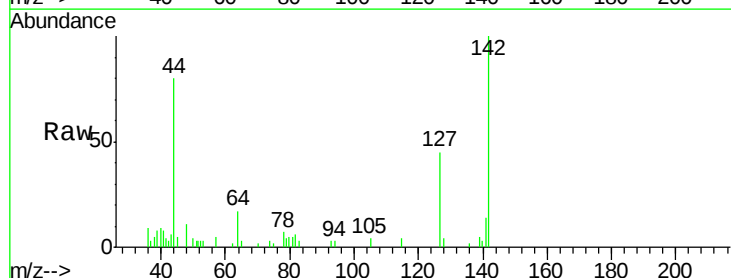
Tgt Ion:142 Resp: 4706

Ion Ratio Lower Upper

142 100

127 50.7 36.6 55.0

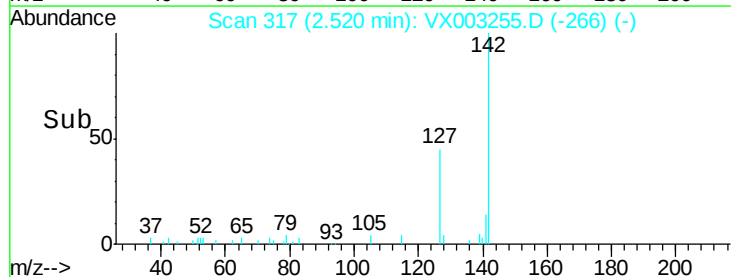
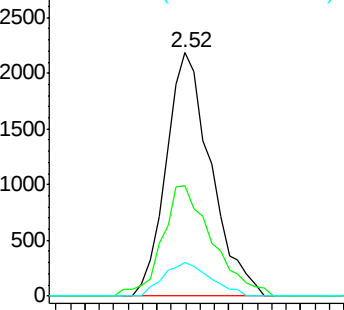
141 14.5 11.3 16.9

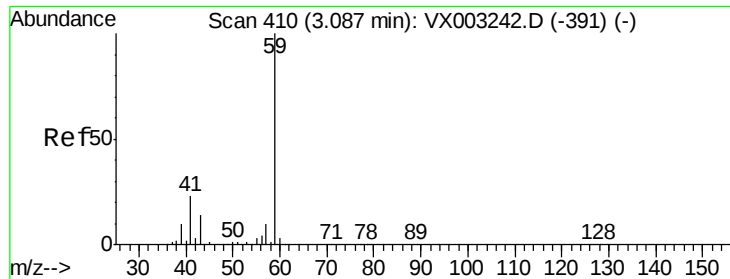


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

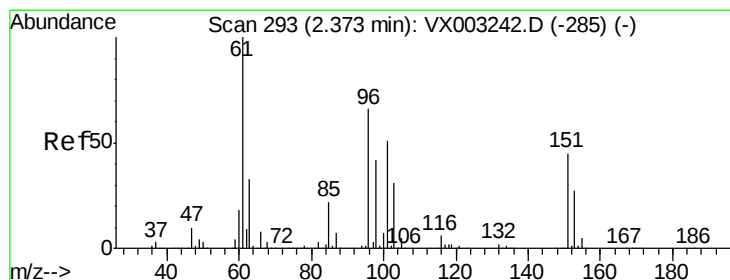
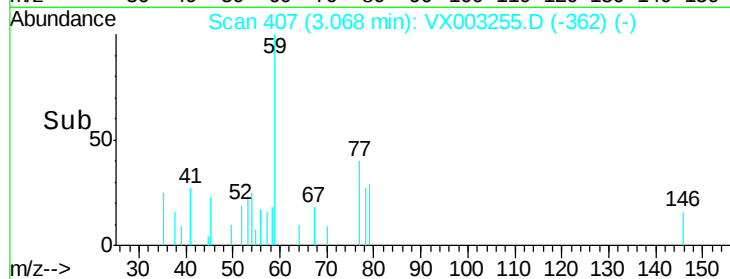
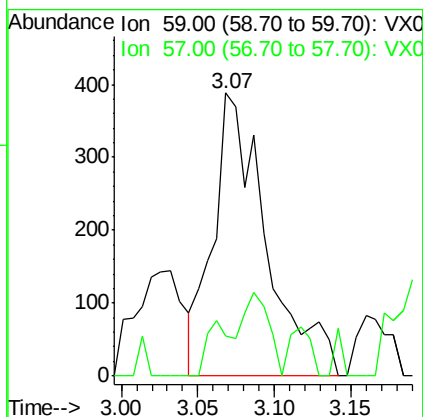
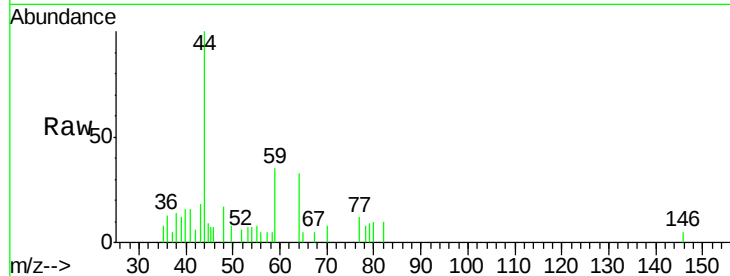




#11
Tert butyl alcohol
Concen: 1.29 ug/l
RT: 3.07 min Scan# 407
Delta R.T. -0.02 min
Lab File: VX003255.D
Acq: 09 Jul 2018 20:31

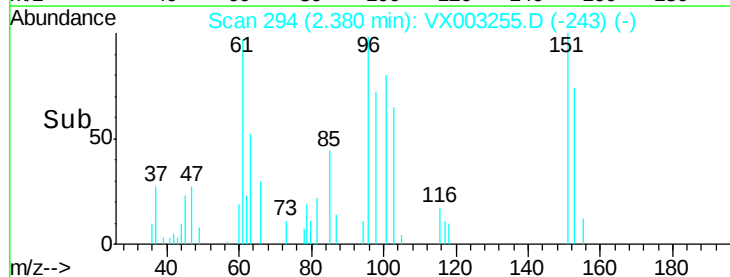
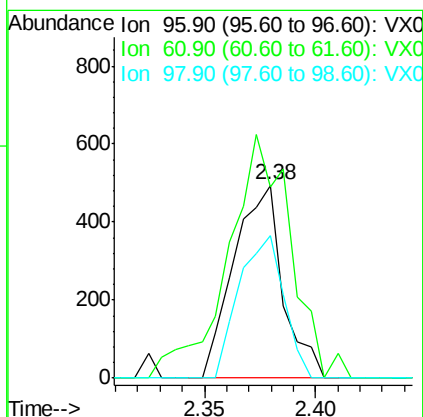
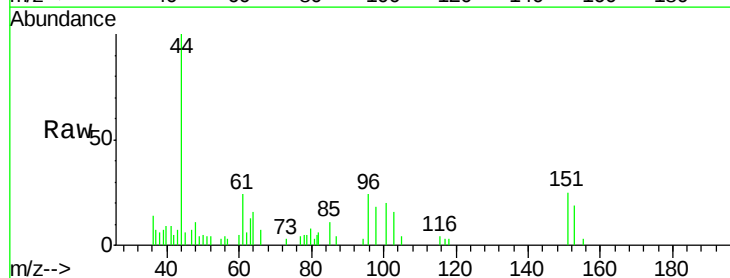
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2018

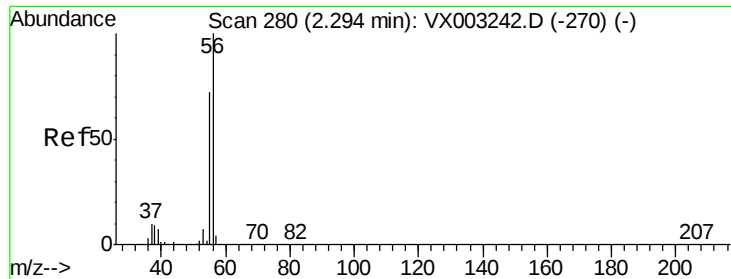
Tot Ion: 59 Resp: 936
Ion Ratio Lower Upper
59 100
57 9.5 8.2 12.2



#12
1,1-Dichloroethene
Concen: 0.27 ug/l
RT: 2.38 min Scan# 294
Delta R.T. 0.01 min
Lab File: VX003255.D
Acq: 09 Jul 2018 20:31

Tgt Ion: 96 Resp: 758
Ion Ratio Lower Upper
96 100
61 86.4 137.9 206.9#
98 74.1 51.6 77.4





#13

Acrolein

Concen: 1.72 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX003255.D

Acq: 09 Jul 2018 20:31

Instrument :

MSVOA_X

ClientSampleId :

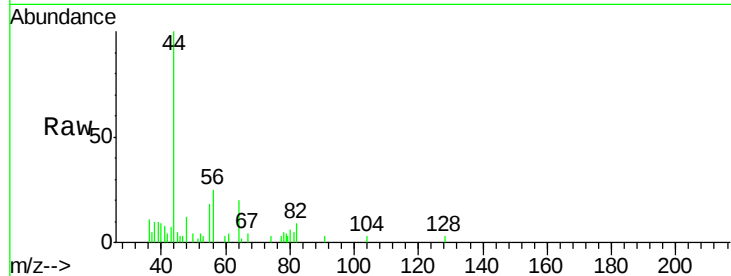
LOD-MDL-WATER-01-QT3-2018

Tot Ion: 56 Resp: 1005

Ion Ratio Lower Upper

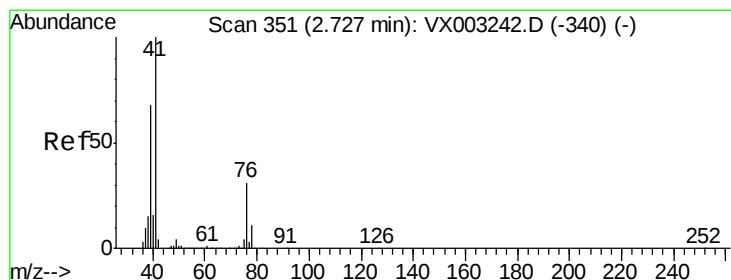
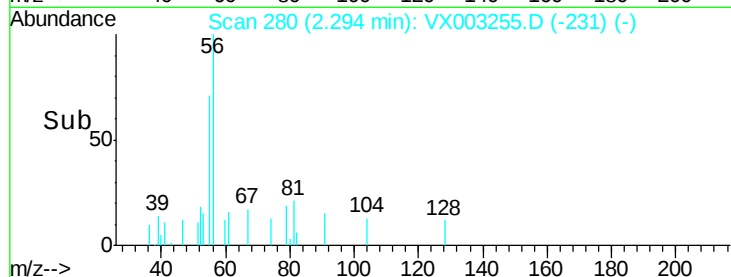
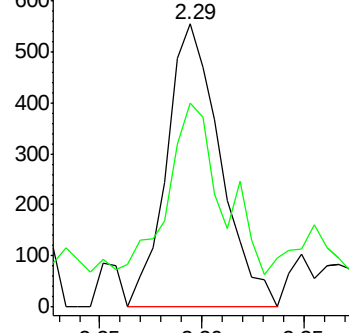
56 100

55 75.1 57.0 85.4



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 0.24 ug/l

RT: 2.72 min Scan# 350

Delta R.T. -0.01 min

Lab File: VX003255.D

Acq: 09 Jul 2018 20:31

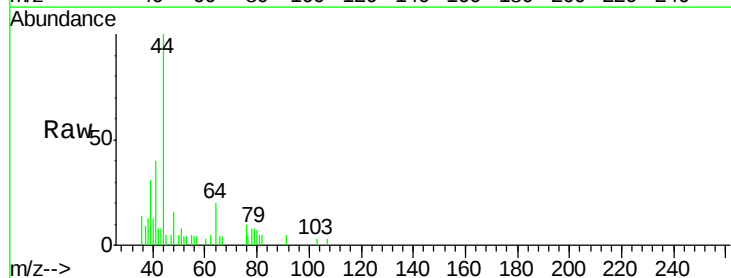
Tgt Ion: 41 Resp: 1259

Ion Ratio Lower Upper

41 100

39 60.4 56.8 85.2

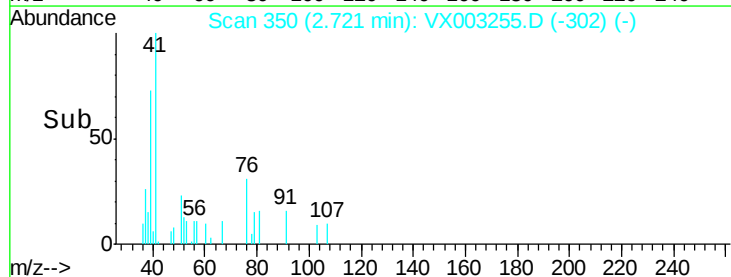
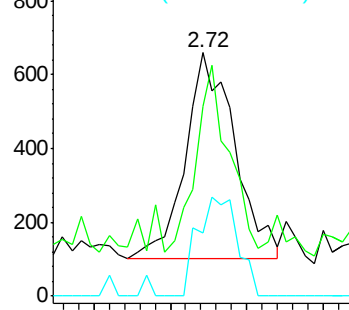
76 38.8 23.8 35.8#

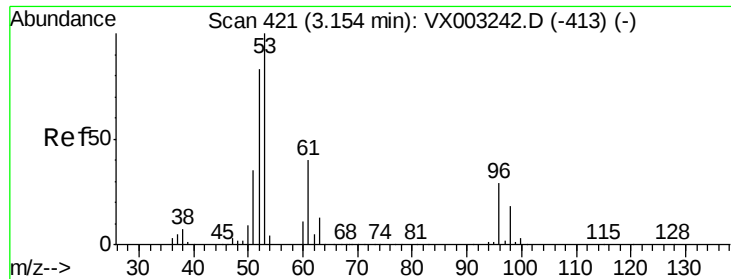


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

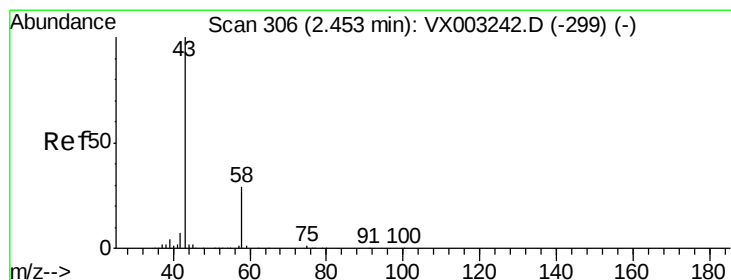
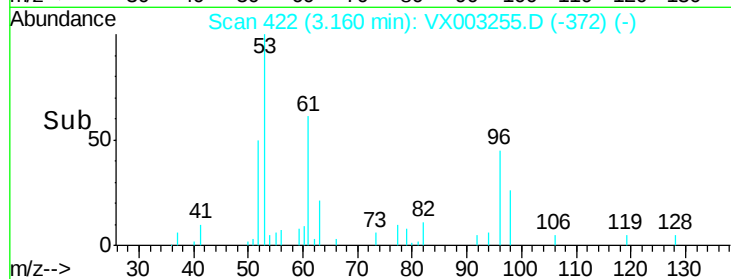
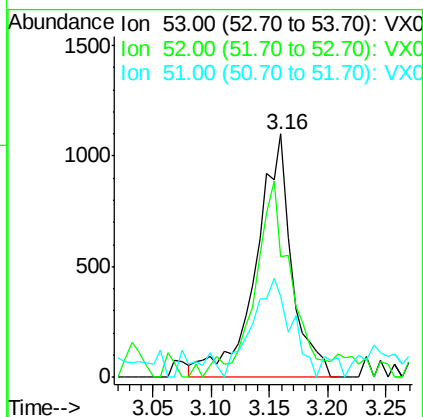
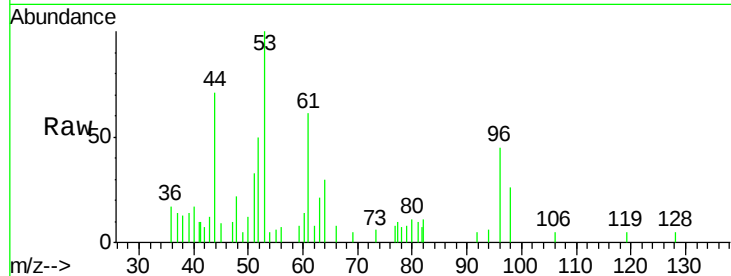




#15
 Acrylonitrile
 Concen: 1.45 ug/l
 RT: 3.16 min Scan# 422
 Delta R.T. 0.01 min
 Lab File: VX003255.D
 Acq: 09 Jul 2018 20:31

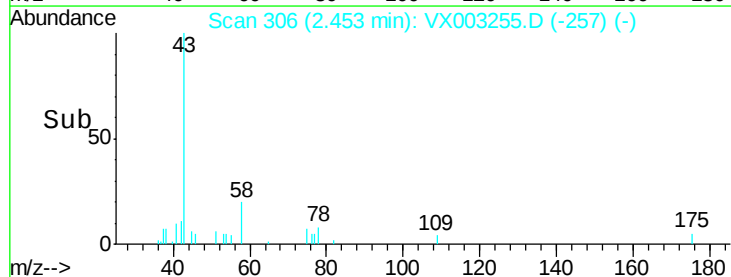
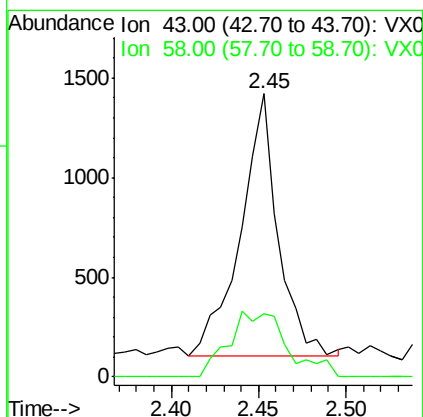
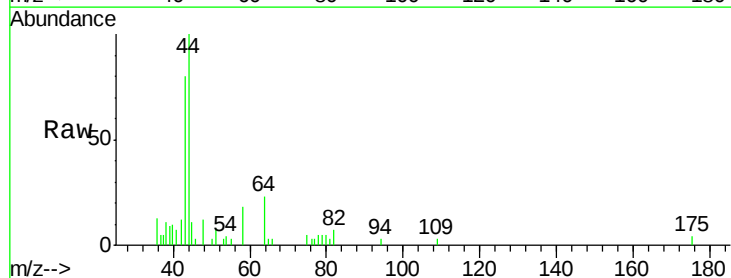
Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2018

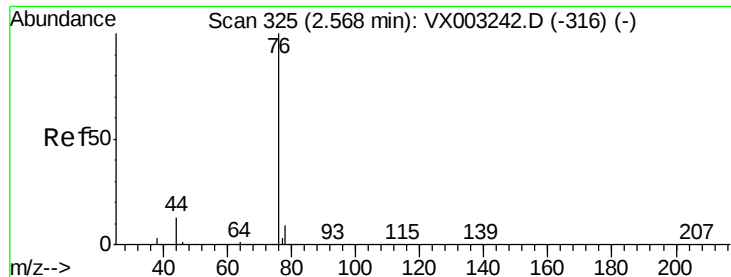
Tot Ion: 53 Resp: 2343
 Ion Ratio Lower Upper
 53 100
 52 81.5 66.7 100.1
 51 44.4 29.9 44.9



#16
 Acetone
 Concen: 1.38 ug/l
 RT: 2.45 min Scan# 306
 Delta R.T. 0.00 min
 Lab File: VX003255.D
 Acq: 09 Jul 2018 20:31

Tgt Ion: 43 Resp: 1958
 Ion Ratio Lower Upper
 43 100
 58 23.9 22.1 33.1

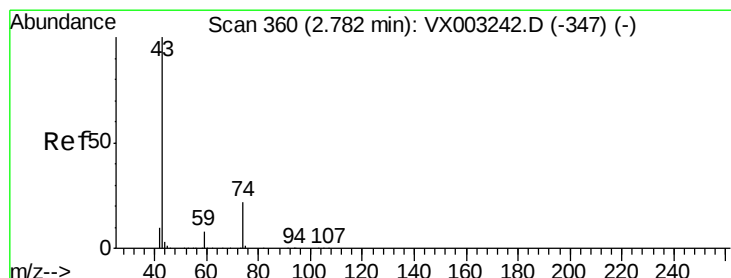
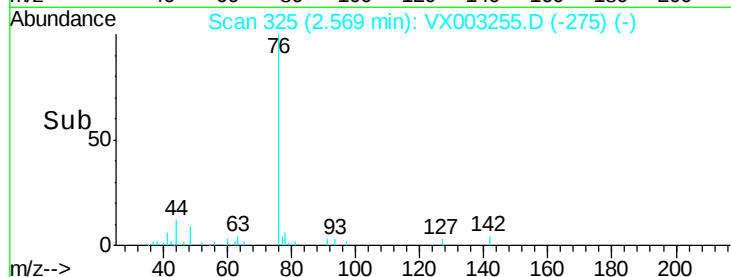
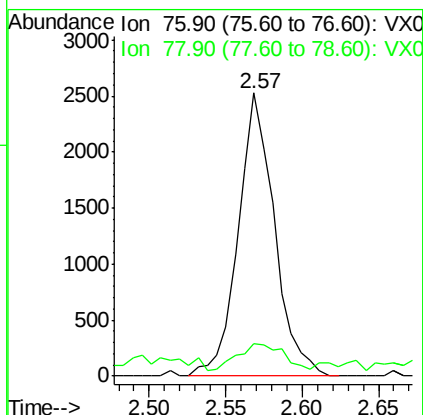
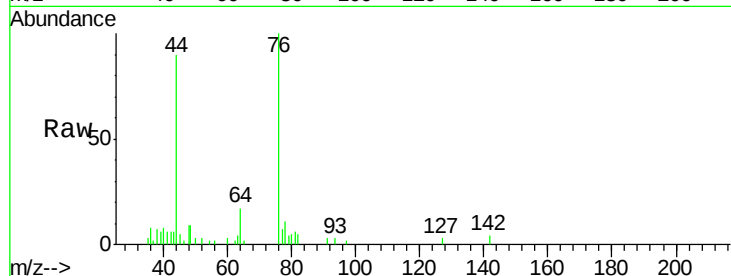




#17
Carbon Disulfide
Concen: 0.52 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.01 min
Lab File: VX003255.D
Acq: 09 Jul 2018 20:31

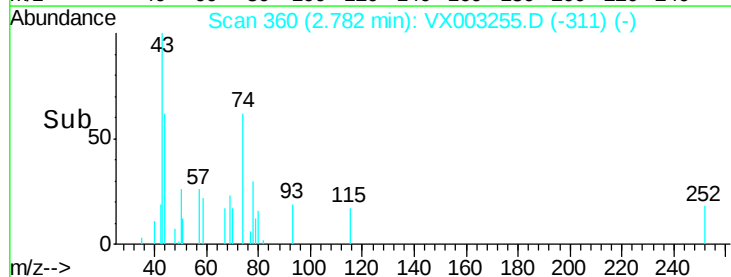
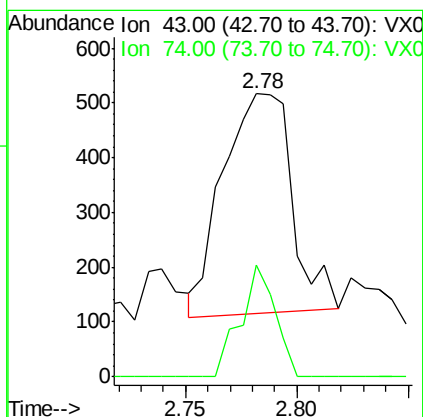
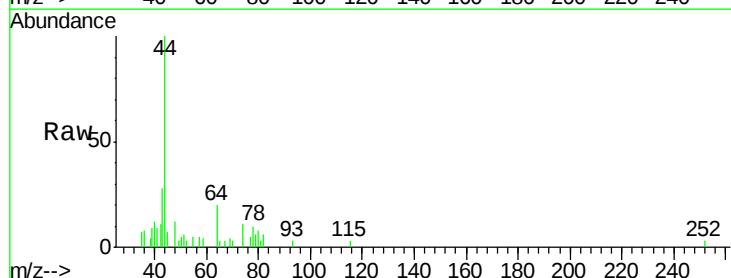
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2018

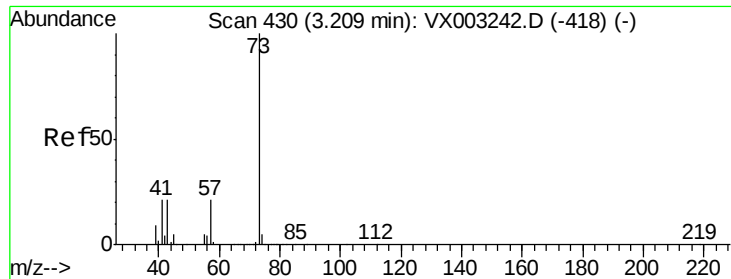
Tot Ion: 76 Resp: 4153
Ion Ratio Lower Upper
76 100
78 7.9 6.9 10.3



#18
Methyl Acetate
Concen: 0.22 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX003255.D
Acq: 09 Jul 2018 20:31

Tgt Ion: 43 Resp: 864
Ion Ratio Lower Upper
43 100
74 25.6 16.7 25.1#

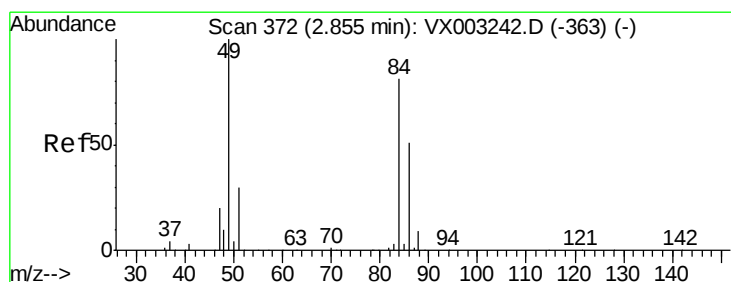
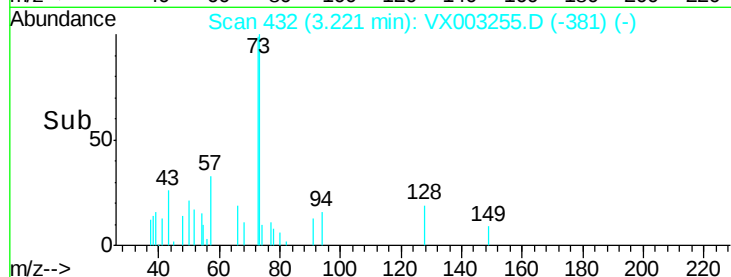
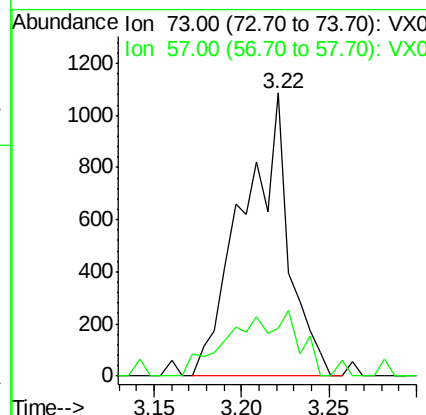
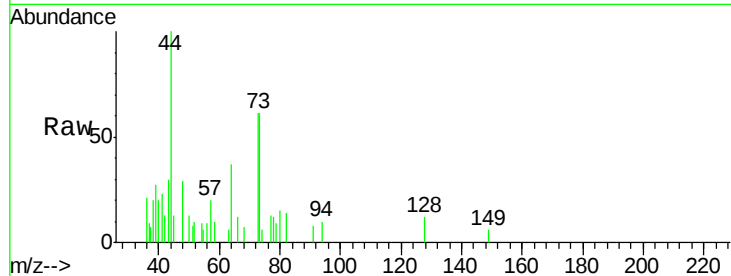




#19
Methvl tert-butvl Ether
Concen: 0.21 ug/l
RT: 3.22 min Scan# 432
Delta R.T. 0.01 min
Lab File: VX003255.D
Acq: 09 Jul 2018 20:31

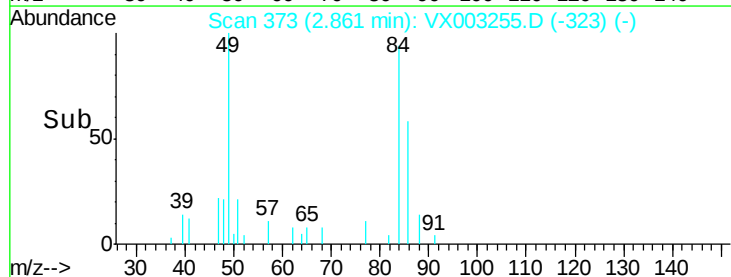
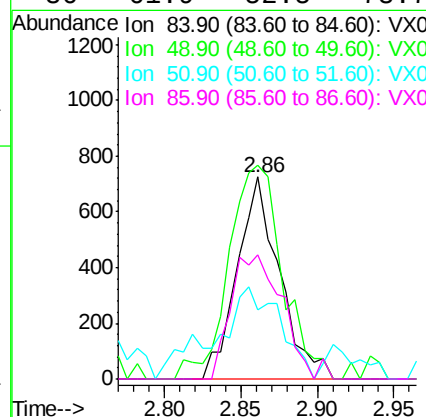
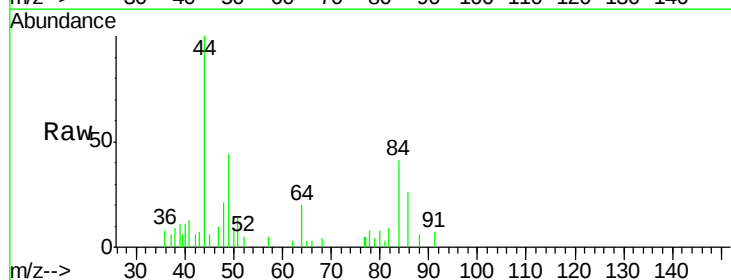
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2018

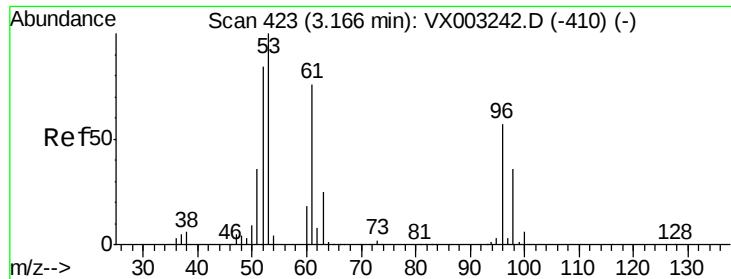
Tot Ion: 73 Resp: 1996
Ion Ratio Lower Upper
73 100
57 11.0 17.7 26.5#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX003255.D
Acq: 09 Jul 2018 20:31

Tgt Ion: 84 Resp: 1390
Ion Ratio Lower Upper
84 100
49 105.9 107.8 161.6#
51 21.3 32.8 49.2#
86 61.9 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 0.37 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.01 min

Lab File: VX003255.D

Acq: 09 Jul 2018 20:31

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2018

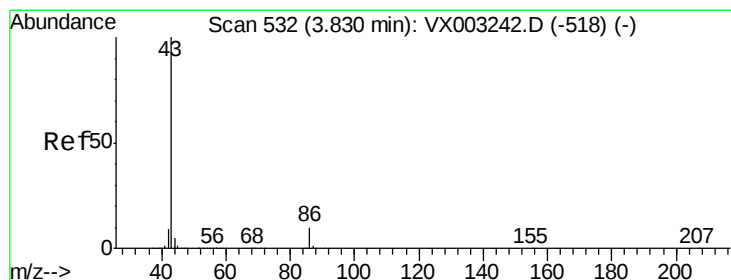
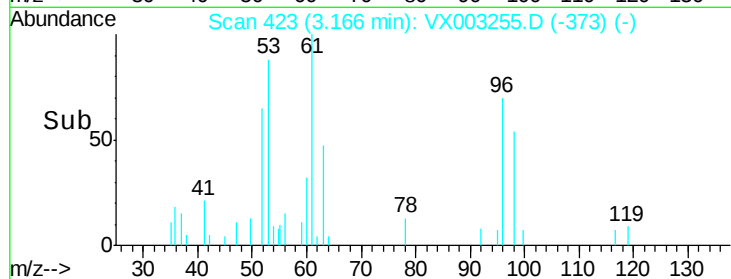
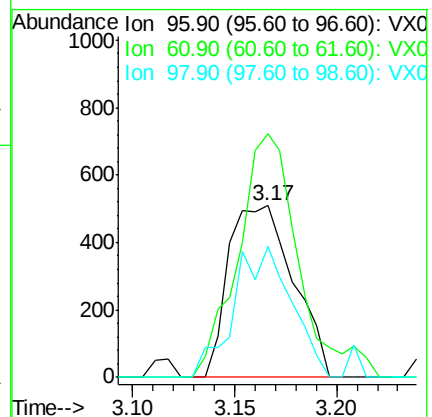
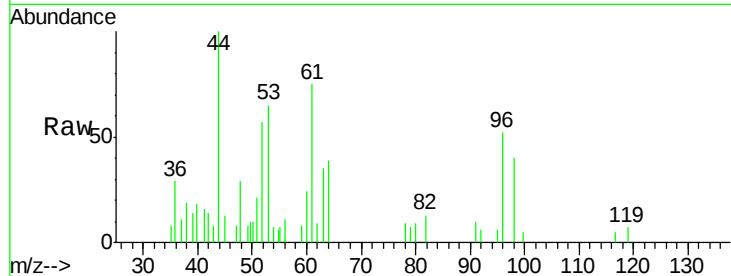
Tot Ion: 96 Resp: 1128

Ion Ratio Lower Upper

96 100

61 142.1 117.0 175.4

98 76.4 52.4 78.6



#23

Vinyl Acetate

Concen: 0.92 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX003255.D

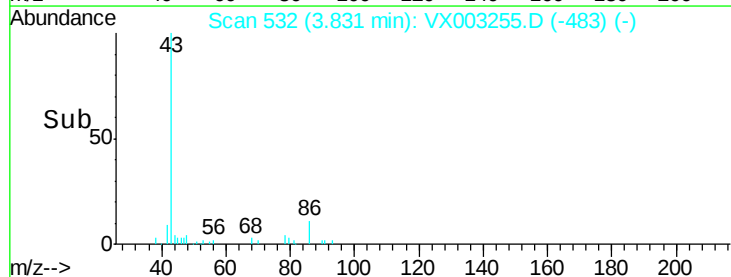
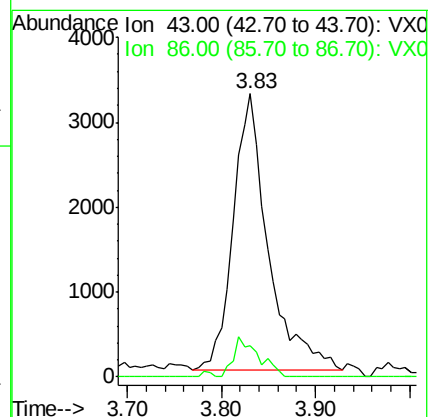
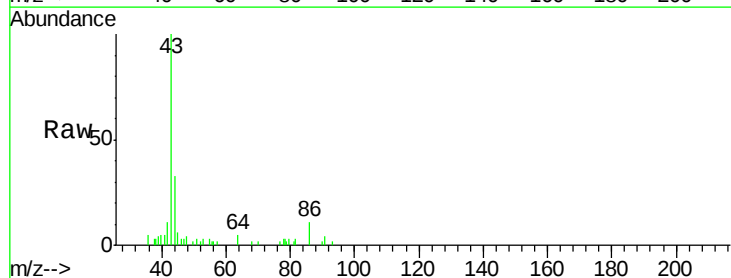
Acq: 09 Jul 2018 20:31

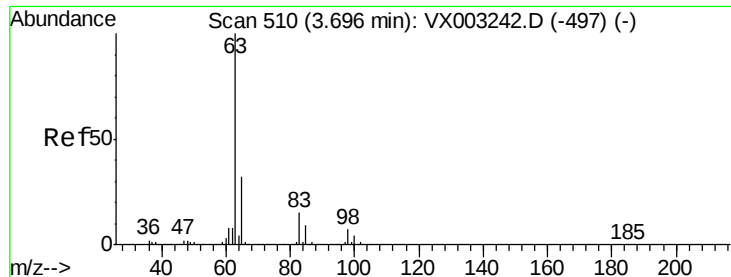
Tgt Ion: 43 Resp: 8410

Ion Ratio Lower Upper

43 100

86 11.1 7.4 11.0#





#24

1,1-Dichloroethane

Concen: 0.23 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.01 min

Lab File: VX003255.D

Acq: 09 Jul 2018 20:31

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2018

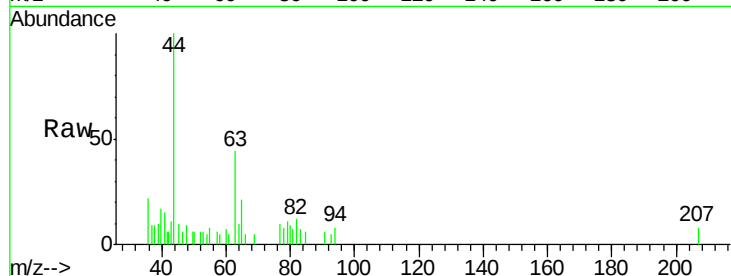
Tot Ion: 63 Resp: 1299

Ion Ratio Lower Upper

63 100

98 0.0 3.4 10.2#

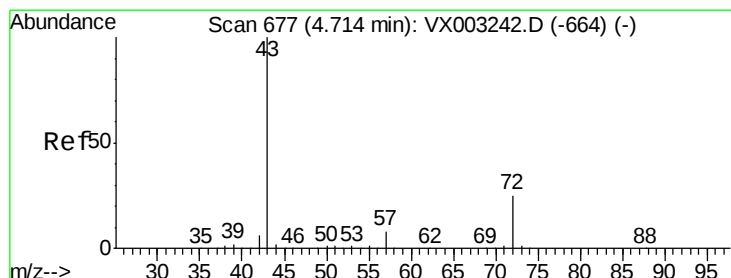
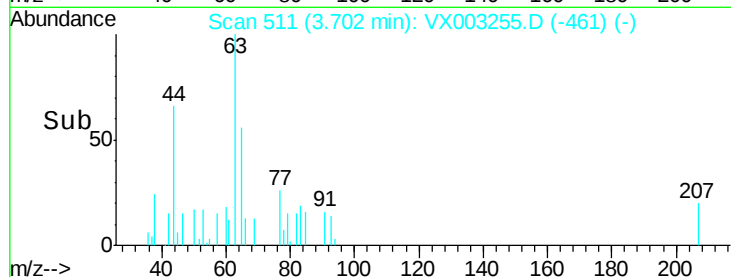
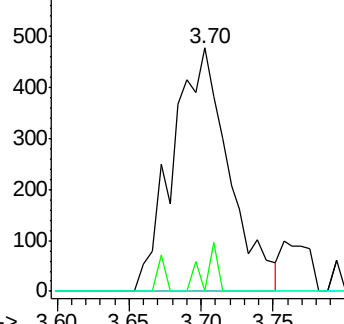
100 0.0 2.0 6.0#



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: 0.99 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.01 min

Lab File: VX003255.D

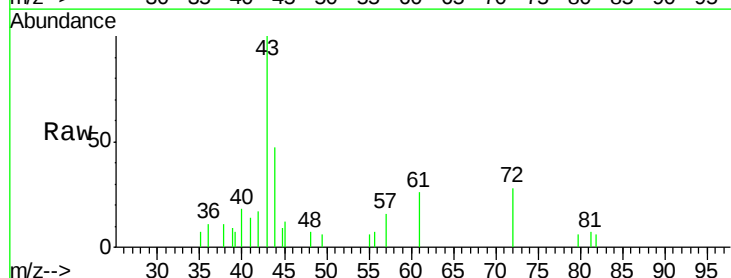
Acq: 09 Jul 2018 20:31

Tgt Ion: 43 Resp: 2497

Ion Ratio Lower Upper

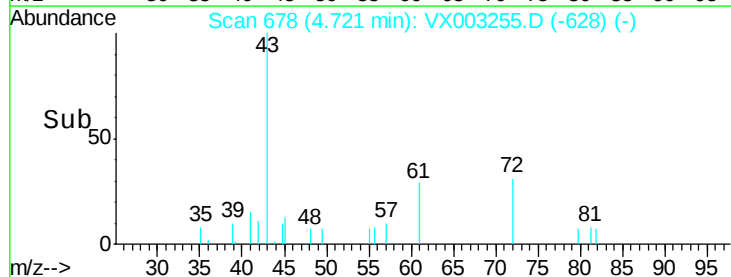
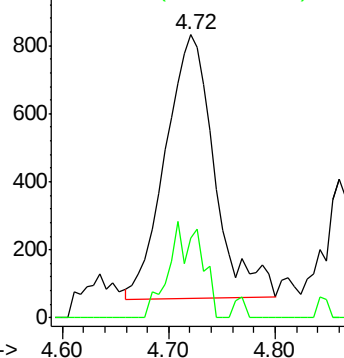
43 100

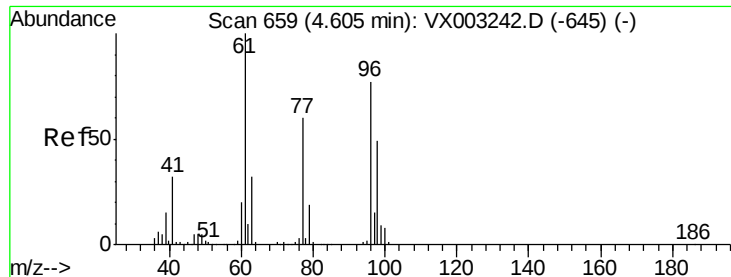
72 30.6 18.5 27.7#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0





#27

cis-1,2-Dichloroethene

Concen: 0.27 ug/l

RT: 4.60 min Scan# 658

Delta R.T. 0.00 min

Lab File: VX003255.D

Acq: 09 Jul 2018 20:31

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2018

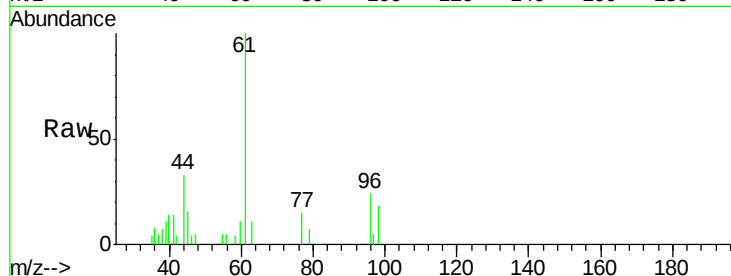
Tot Ion: 96 Resp: 1013

Ion Ratio Lower Upper

96 100

61 0.0 0.0 330.2

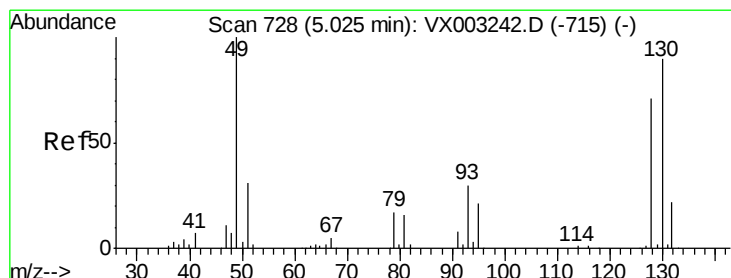
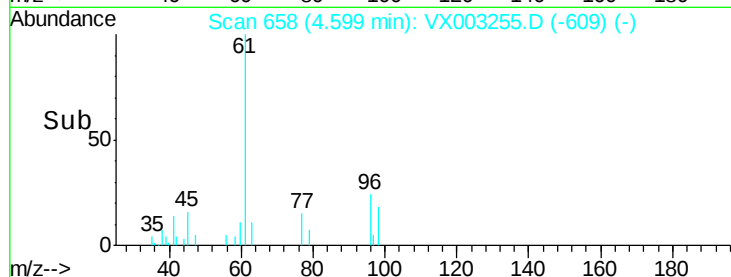
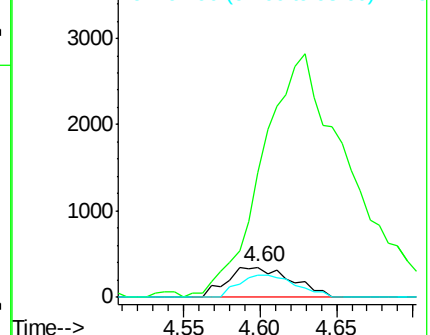
98 66.2 0.0 130.2



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: 0.33 ug/l

RT: 5.03 min Scan# 728

Delta R.T. 0.00 min

Lab File: VX003255.D

Acq: 09 Jul 2018 20:31

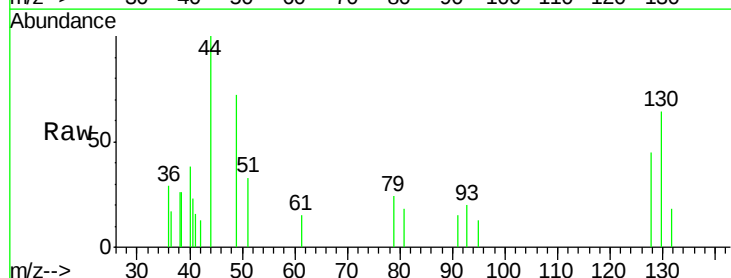
Tgt Ion: 49 Resp: 929

Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.2

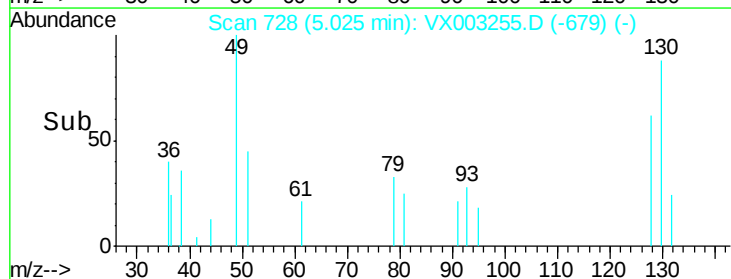
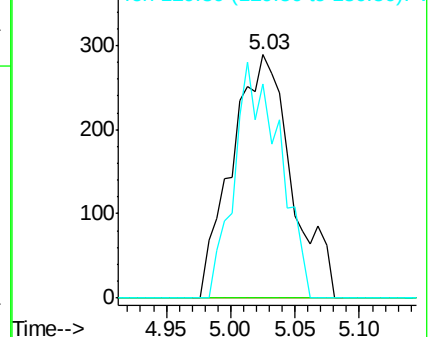
130 73.8 61.2 91.8

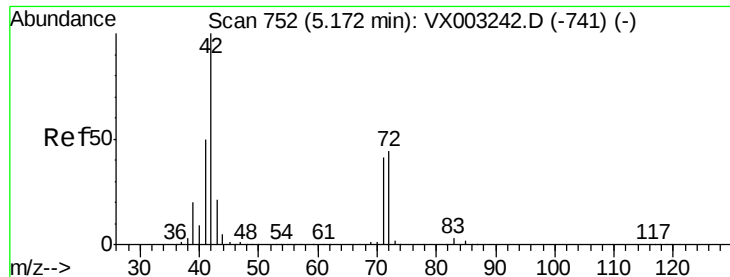


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 1.55 ug/l

RT: 5.17 min Scan# 752

Delta R.T. 0.00 min

Lab File: VX003255.D

Acq: 09 Jul 2018 20:31

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2018

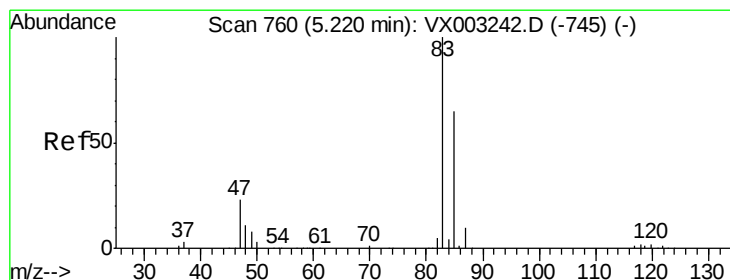
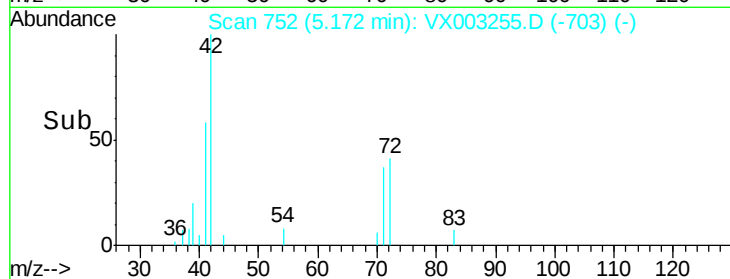
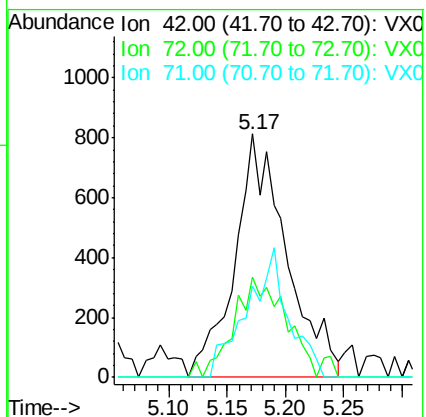
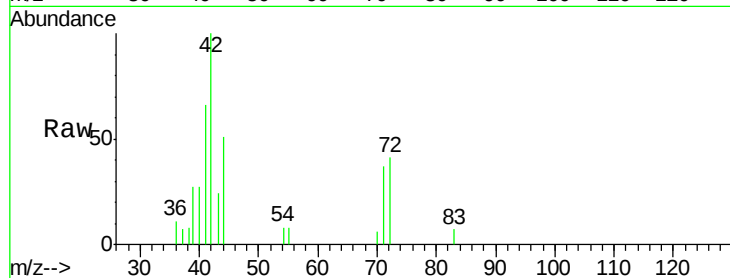
Tot Ion: 42 Resp: 2523

Ion Ratio Lower Upper

42 100

72 40.9 32.0 48.0

71 42.6 30.1 45.1



#30

Chloroform

Concen: 0.24 ug/l

RT: 5.21 min Scan# 759

Delta R.T. -0.01 min

Lab File: VX003255.D

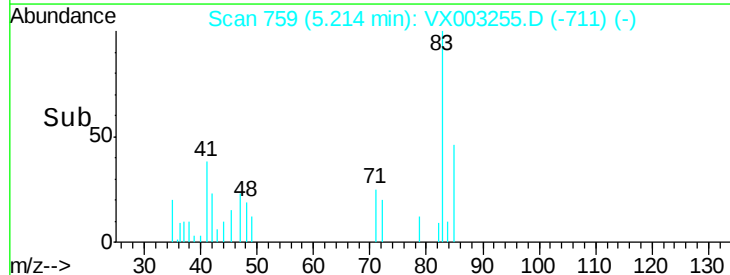
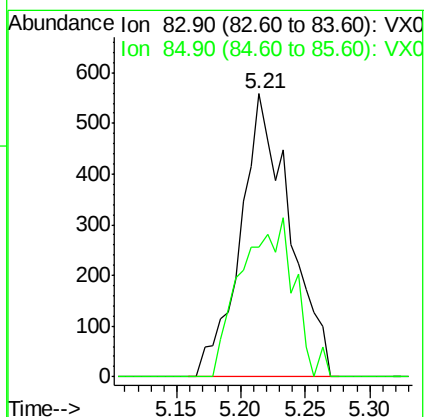
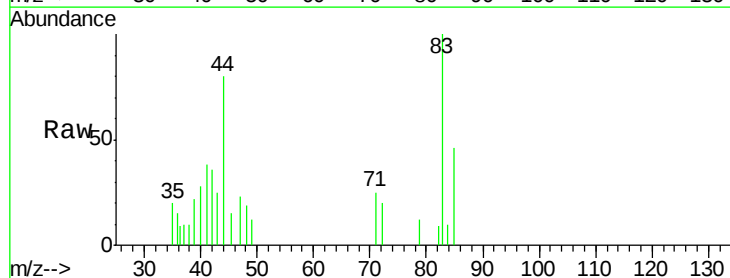
Acq: 09 Jul 2018 20:31

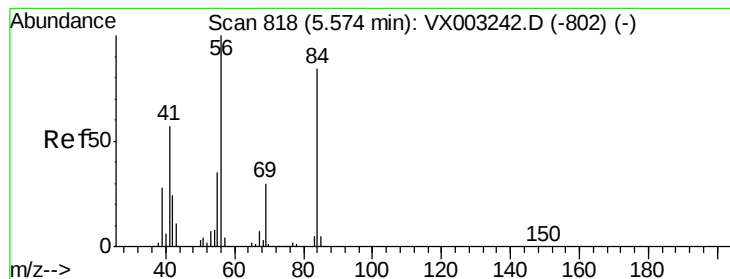
Tgt Ion: 83 Resp: 1485

Ion Ratio Lower Upper

83 100

85 45.7 50.4 75.6#





#31

Cyclohexane

Concen: 0.26 ug/l

RT: 5.57 min Scan# 818

Delta R.T. 0.00 min

Lab File: VX003255.D

Acq: 09 Jul 2018 20:31

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2018

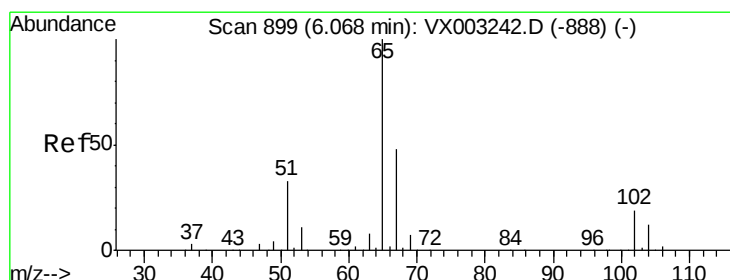
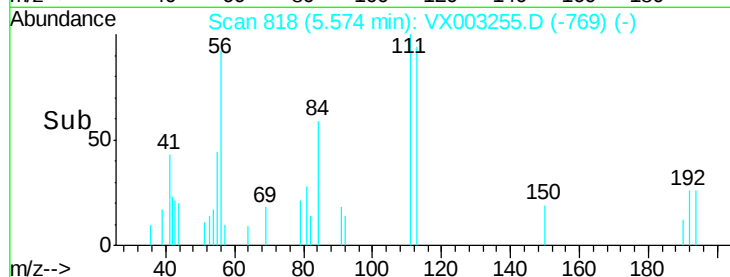
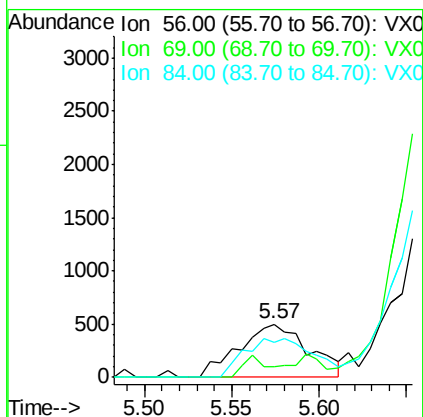
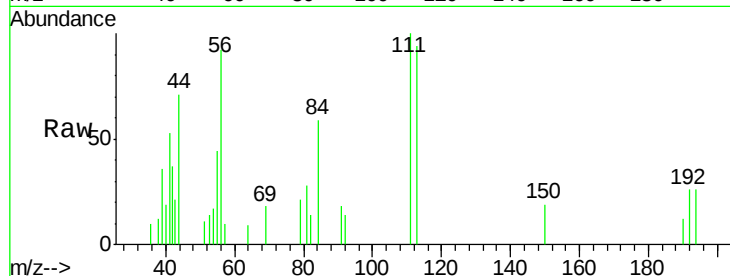
Tot Ion: 56 Resp: 1387

Ion Ratio Lower Upper

56 100

69 19.2 23.7 35.5#

84 64.9 64.1 96.1



#33

1,2-Dichloroethane-d4

Concen: 49.48 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX003255.D

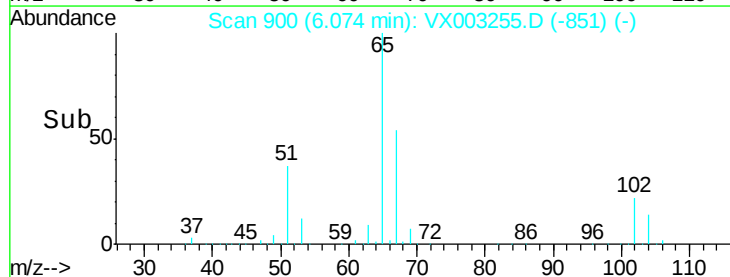
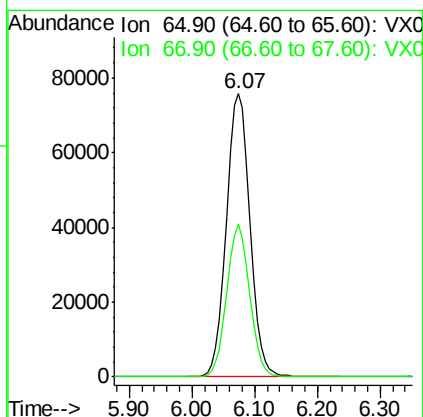
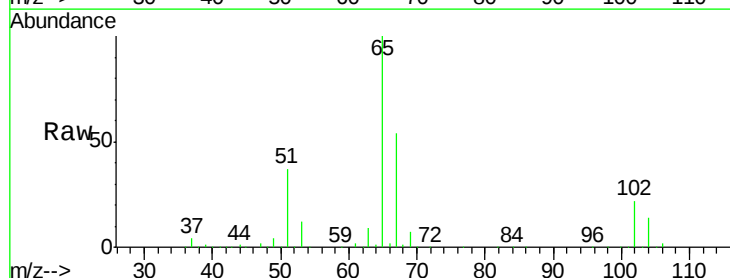
Acq: 09 Jul 2018 20:31

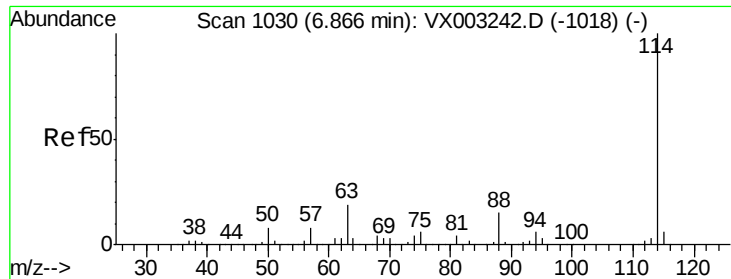
Tgt Ion: 65 Resp: 197786

Ion Ratio Lower Upper

65 100

67 52.4 0.0 102.6





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX003255.D

Acq: 09 Jul 2018 20:31

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2018

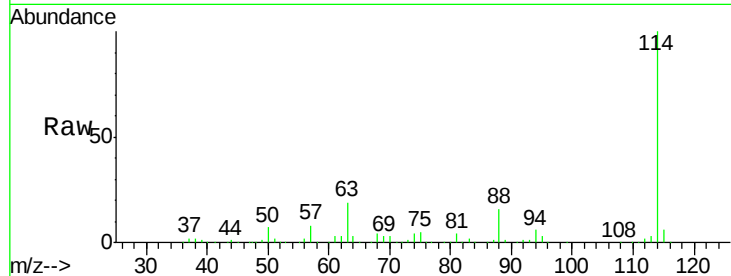
Tot Ion:114 Resp: 326746

Ion Ratio Lower Upper

114 100

63 19.2 0.0 41.4

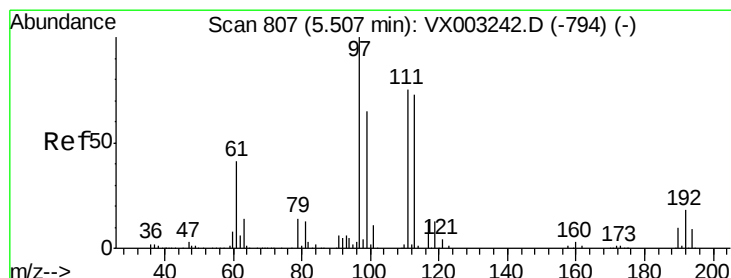
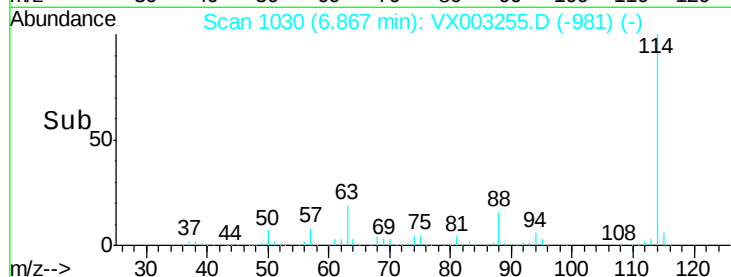
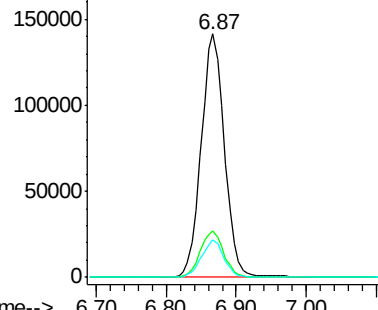
88 15.6 0.0 30.0



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: 47.98 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX003255.D

Acq: 09 Jul 2018 20:31

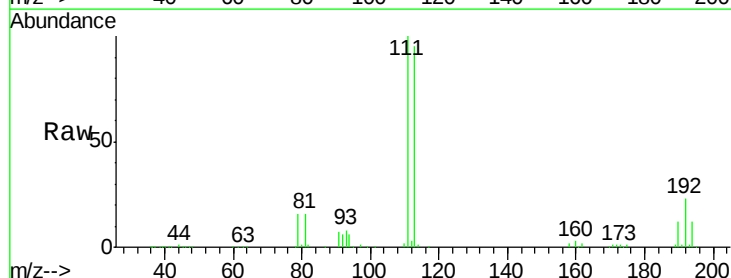
Tgt Ion:113 Resp: 168418

Ion Ratio Lower Upper

113 100

111 102.1 81.4 122.0

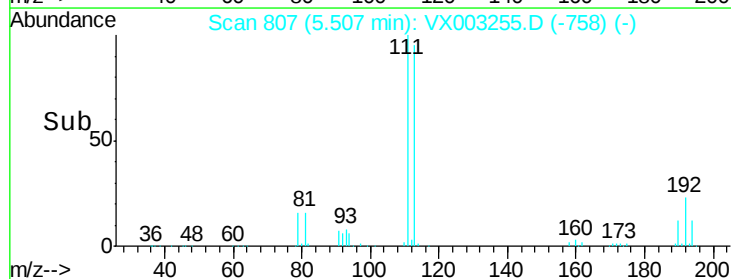
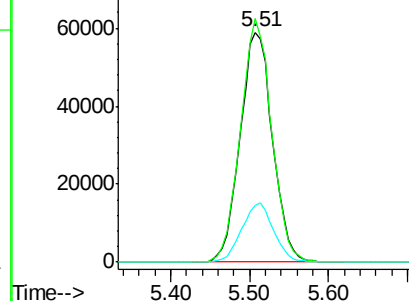
192 25.4 19.1 28.7

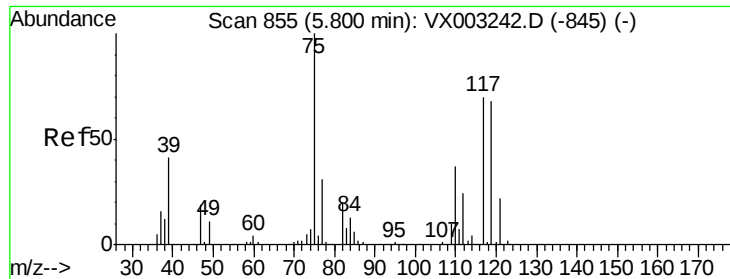


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

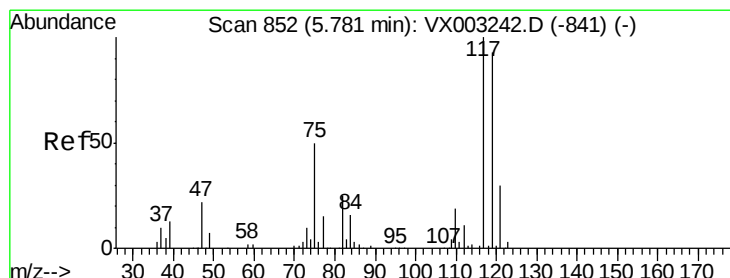
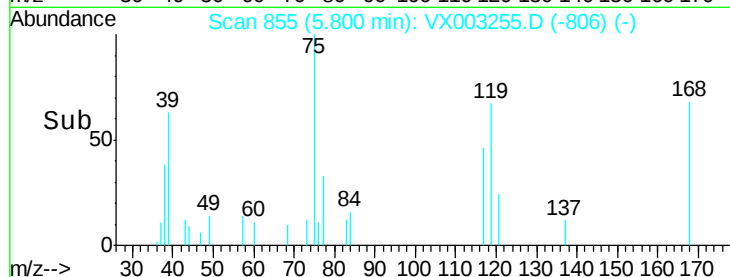
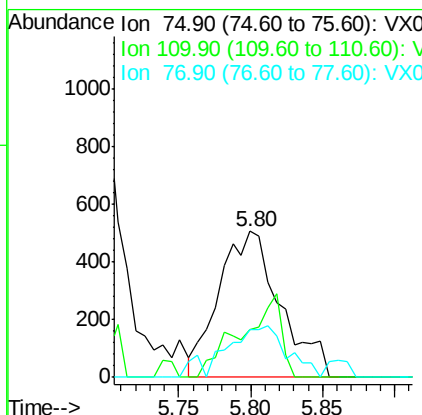
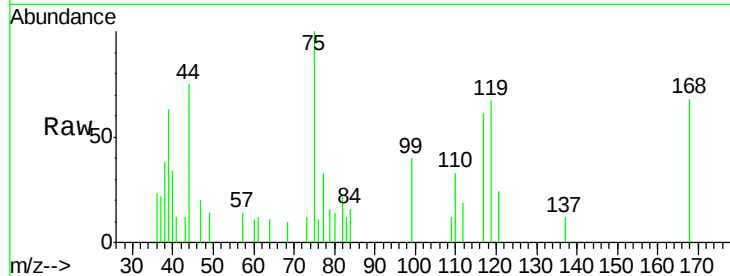




#36
 1,1-Dichloropropene
 Concen: 0.33 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. 0.00 min
 Lab File: VX003255.D
 Acq: 09 Jul 2018 20:31

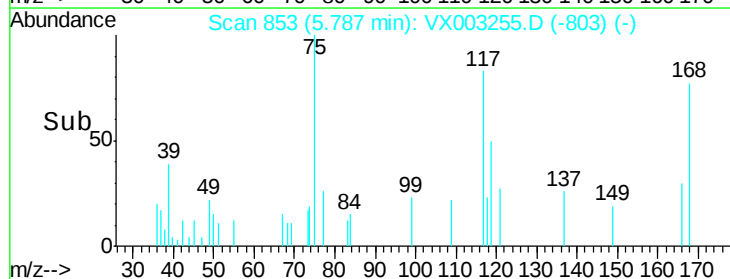
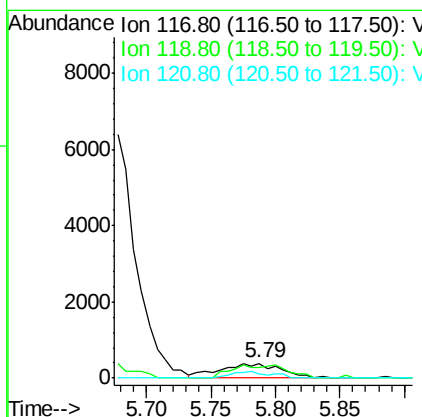
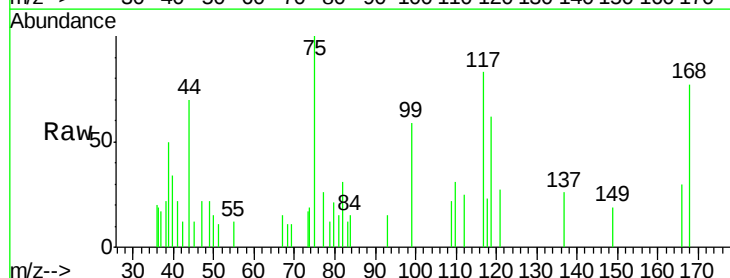
Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2018

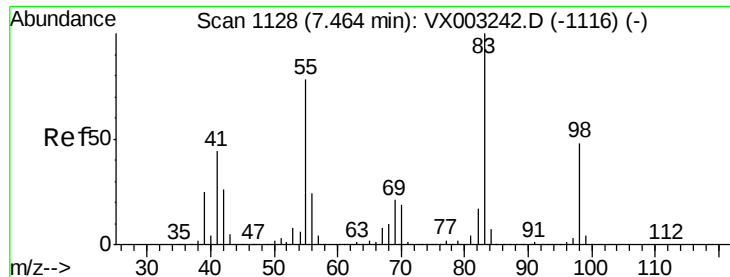
Tot Ion: 75 Resp: 1504
 Ion Ratio Lower Upper
 75 100
 110 36.7 18.1 54.4
 77 32.6 24.3 36.5



#38
 Carbon Tetrachloride
 Concen: 0.25 ug/l
 RT: 5.79 min Scan# 853
 Delta R.T. 0.01 min
 Lab File: VX003255.D
 Acq: 09 Jul 2018 20:31

Tgt Ion: 117 Resp: 1255
 Ion Ratio Lower Upper
 117 100
 119 75.0 77.4 116.0#
 121 32.6 24.4 36.6

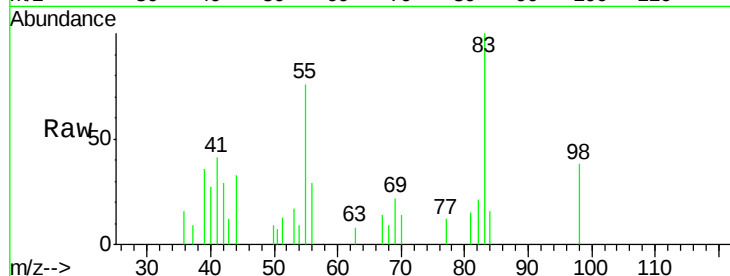




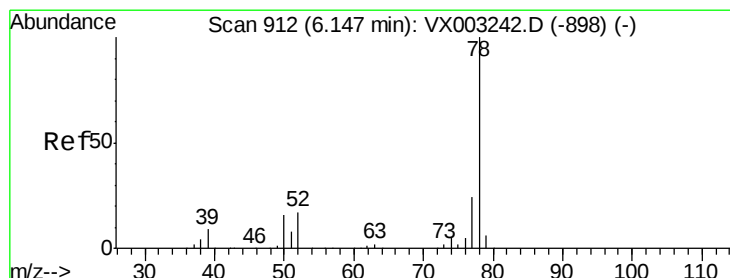
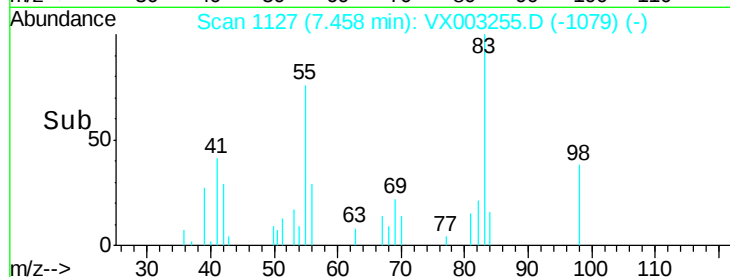
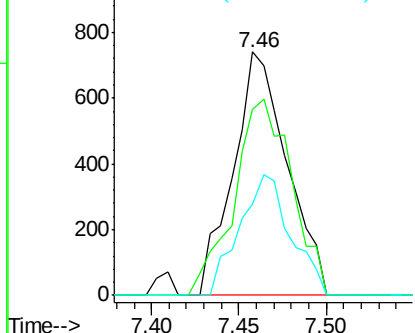
#39
Methvlcvclohexane
Concen: 0.29 ug/l
RT: 7.46 min Scan# 1127
Delta R.T. -0.01 min
Lab File: VX003255.D
Acq: 09 Jul 2018 20:31

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2018

Tot Ion: 83 Resp: 1593
Ion Ratio Lower Upper
83 100
55 76.4 65.4 98.0
98 37.7 37.4 56.0

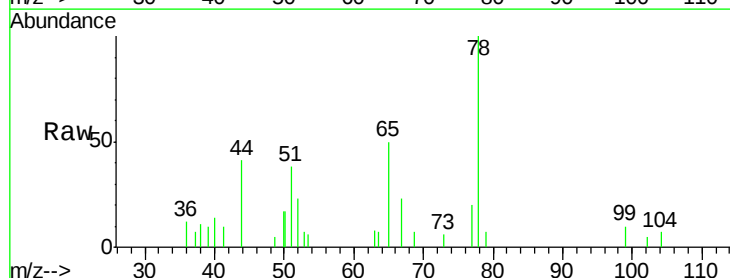


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

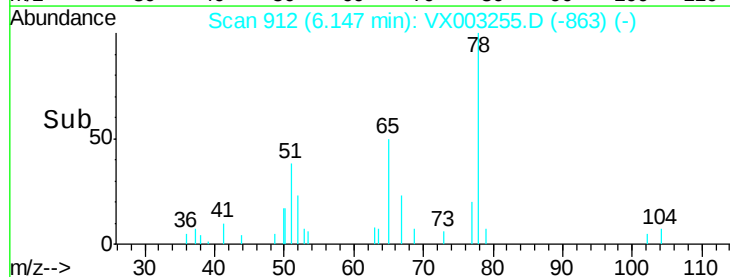
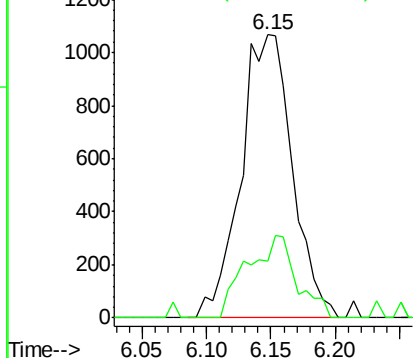


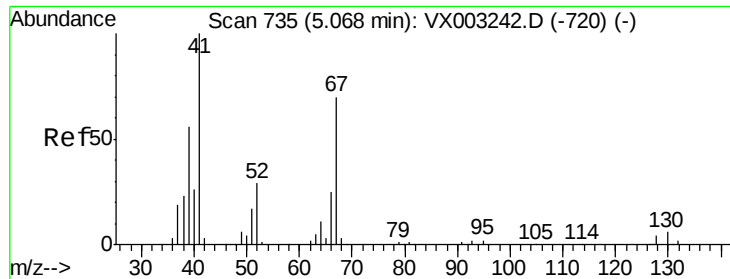
#40
Benzene
Concen: 0.22 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX003255.D
Acq: 09 Jul 2018 20:31

Tgt Ion: 78 Resp: 2961
Ion Ratio Lower Upper
78 100
77 20.0 19.1 28.7



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

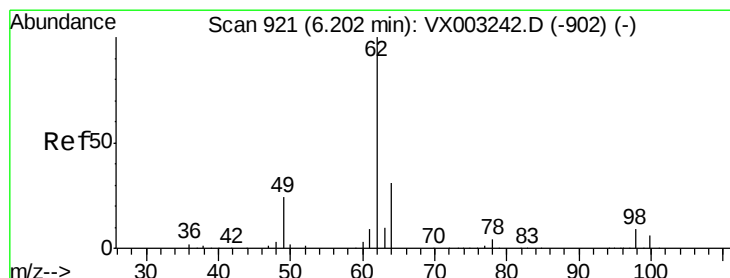
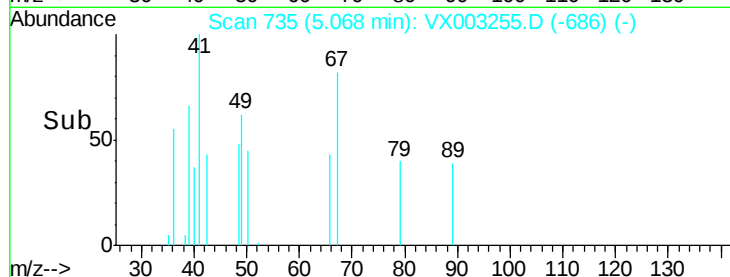
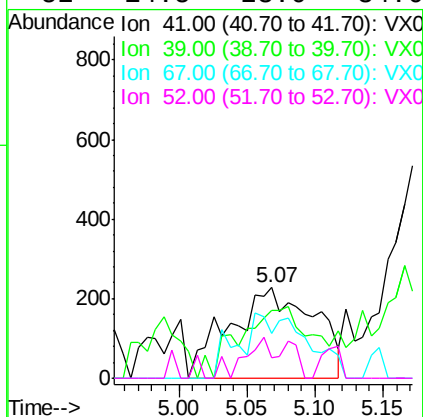
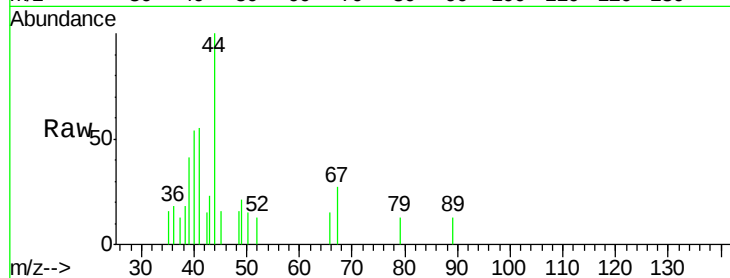




#41
Methacrylonitrile
Concen: 0.35 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX003255.D
Acq: 09 Jul 2018 20:31

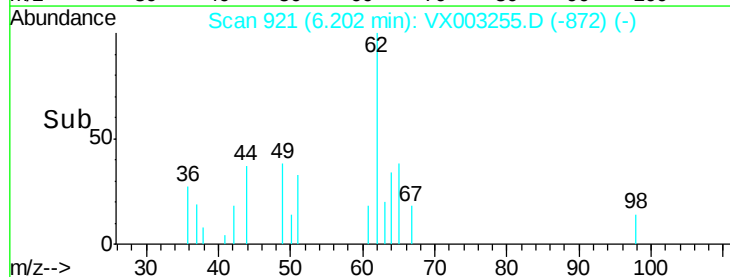
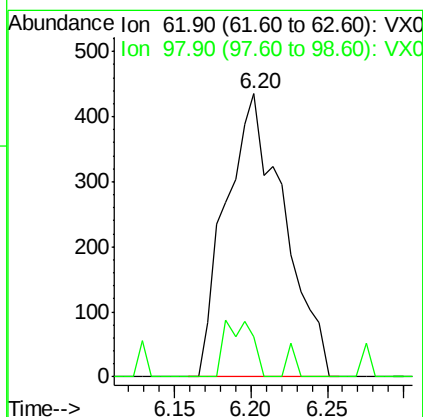
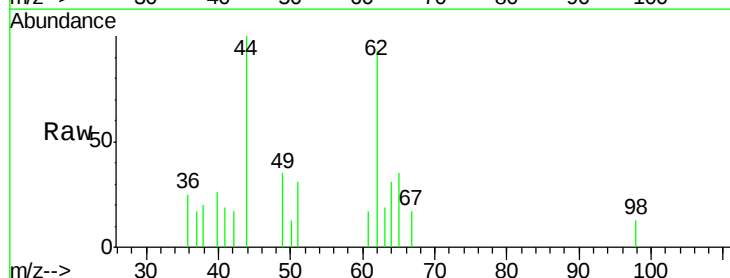
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2018

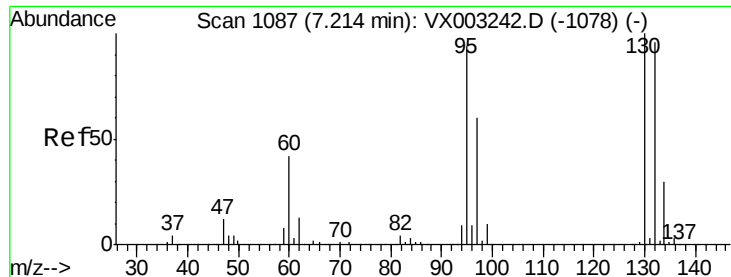
Tot Ion: 41 Resp: 978
Ion Ratio Lower Upper
41 100
39 0.0 45.8 68.6#
67 9.6 51.3 76.9#
52 14.5 23.0 34.6#



#42
1,2-Dichloroethane
Concen: 0.22 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX003255.D
Acq: 09 Jul 2018 20:31

Tgt Ion: 62 Resp: 1151
Ion Ratio Lower Upper
62 100
98 9.4 0.0 16.6





#44

Trichloroethene

Concen: 0.29 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX003255.D

Acq: 09 Jul 2018 20:31

Instrument :

MSVOA_X

ClientSampleId :

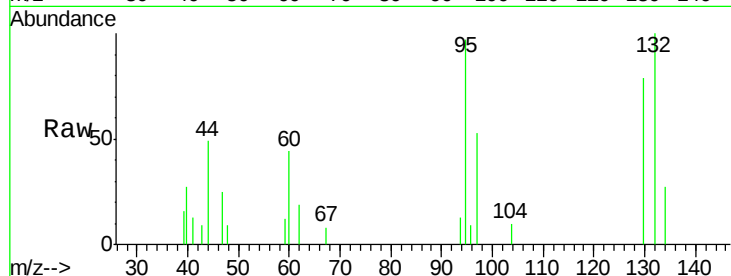
LOD-MDL-WATER-01-QT3-2018

Tot Ion:130 Resp: 1190

Ion Ratio Lower Upper

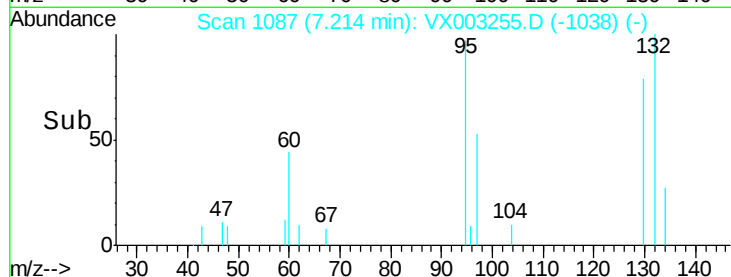
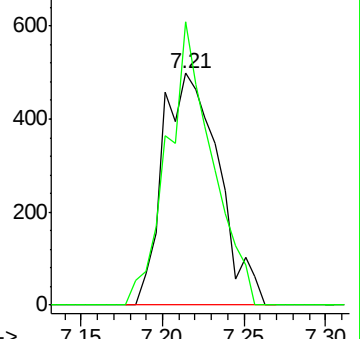
130 100

95 121.8 0.0 185.4

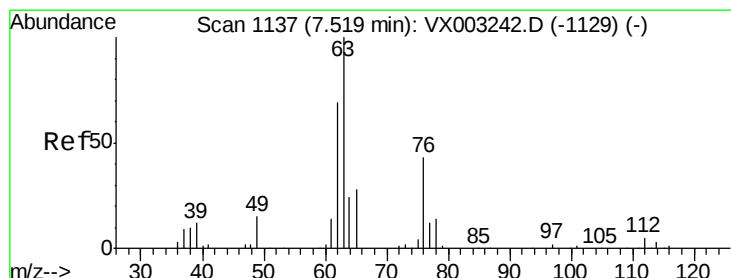


Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



Time-->



#45

1,2-Dichloropropane

Concen: 0.20 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. 0.00 min

Lab File: VX003255.D

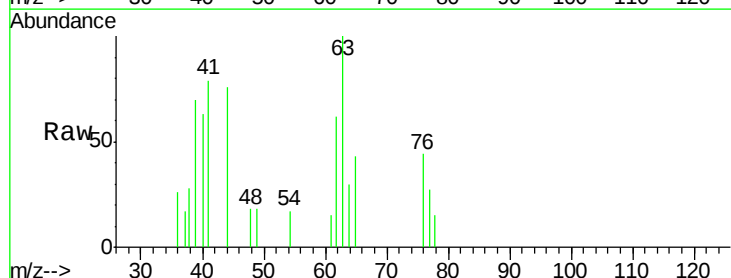
Acq: 09 Jul 2018 20:31

Tgt Ion: 63 Resp: 723

Ion Ratio Lower Upper

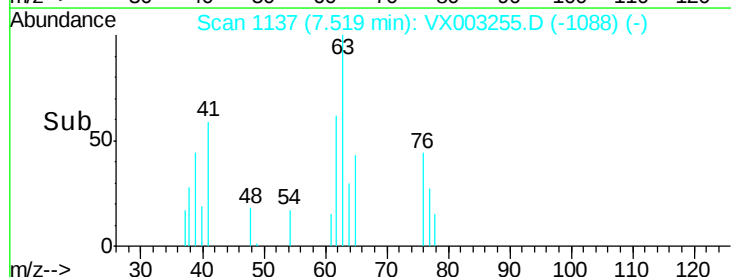
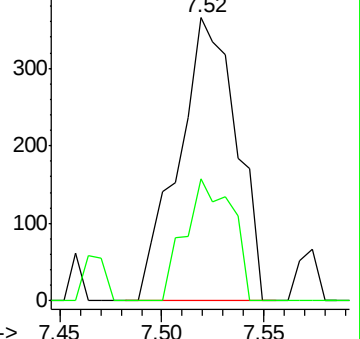
63 100

65 43.3 24.7 37.1#

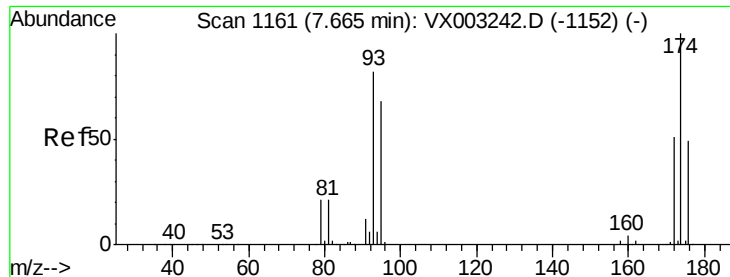


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



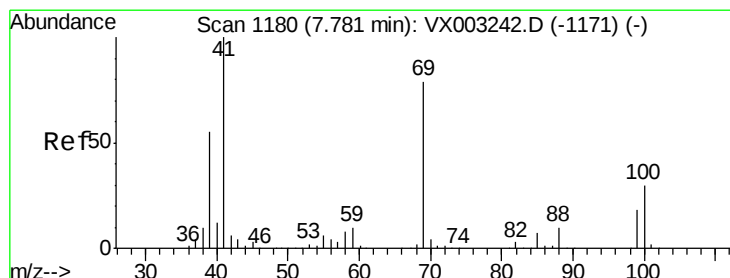
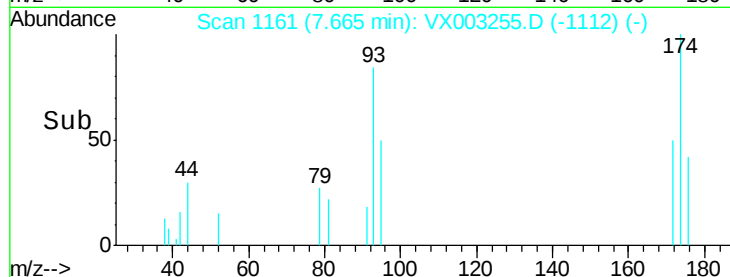
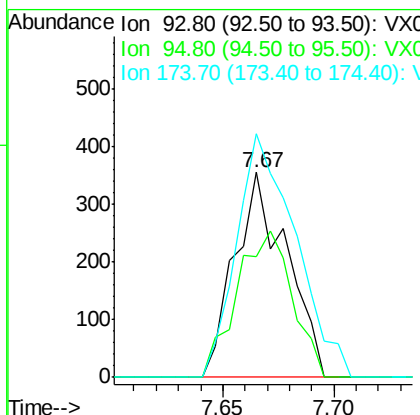
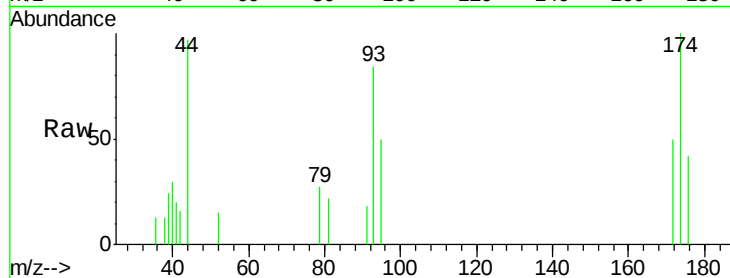
Time-->



#46
Dibromomethane
Concen: 0.24 ug/l
RT: 7.67 min Scan# 1161
Delta R.T. 0.00 min
Lab File: VX003255.D
Acq: 09 Jul 2018 20:31

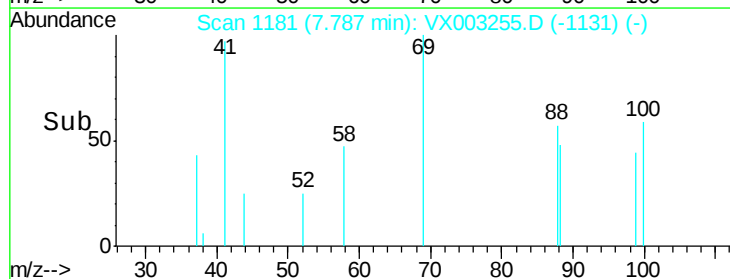
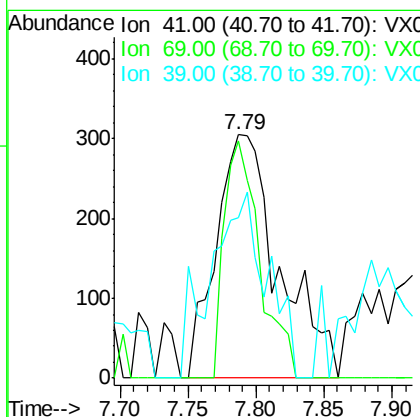
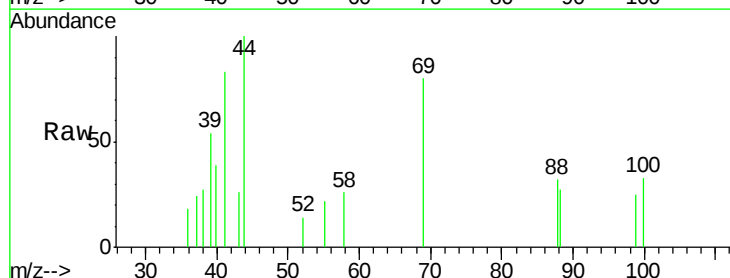
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2018

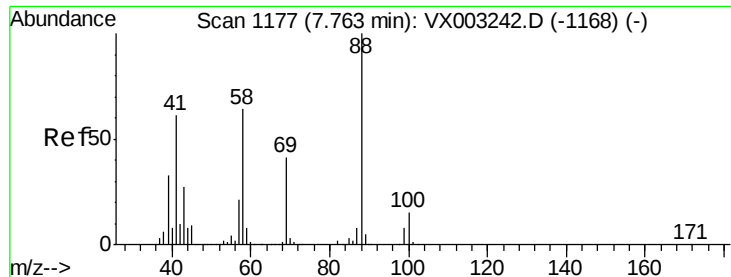
Tot Ion: 93 Resp: 576
Ion Ratio Lower Upper
93 100
95 76.2 65.9 98.9
174 135.1 92.4 138.6



#48
Methyl methacrylate
Concen: 0.24 ug/l
RT: 7.79 min Scan# 1181
Delta R.T. 0.01 min
Lab File: VX003255.D
Acq: 09 Jul 2018 20:31

Tgt Ion: 41 Resp: 984
Ion Ratio Lower Upper
41 100
69 55.1 59.1 88.7#
39 68.5 48.9 73.3

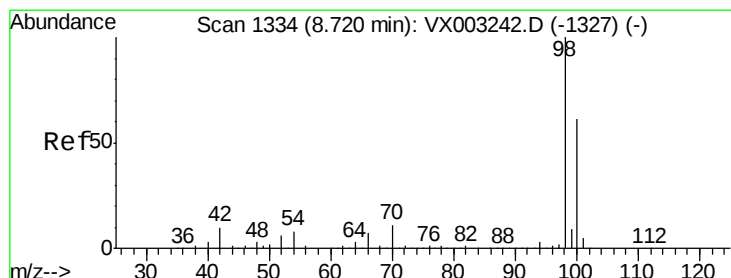
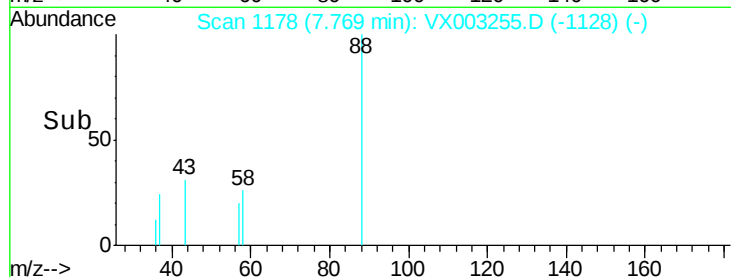
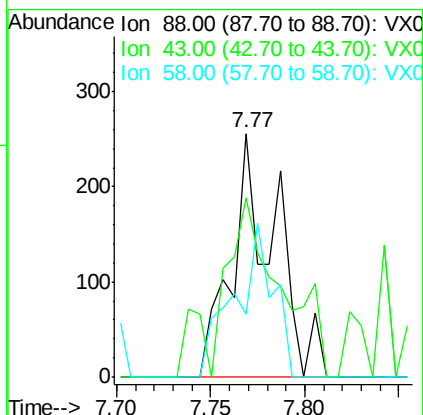
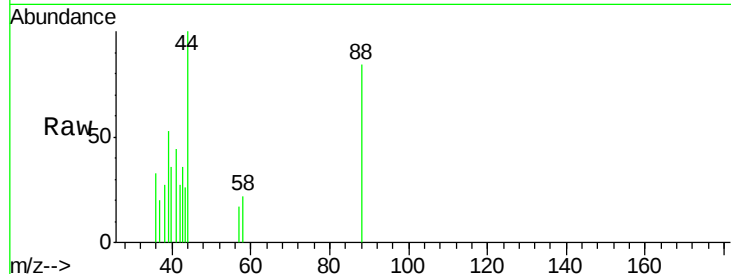




#49
1,4-Dioxane
Concen: 4.75 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. 0.01 min
Lab File: VX003255.D
Acq: 09 Jul 2018 20:31

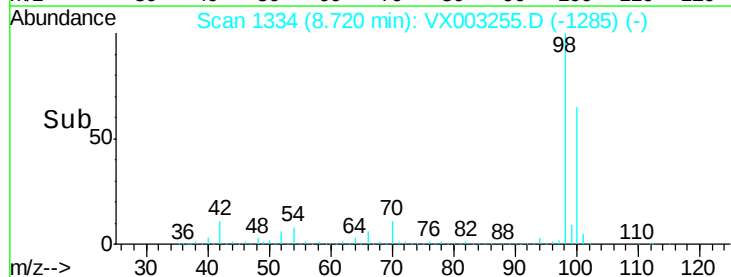
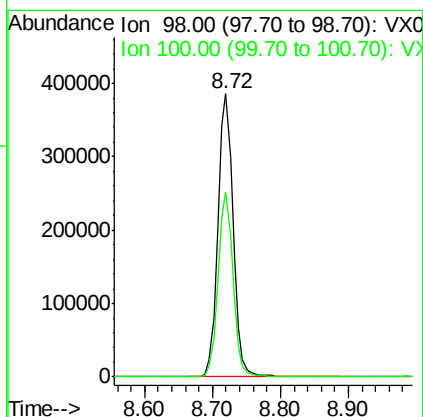
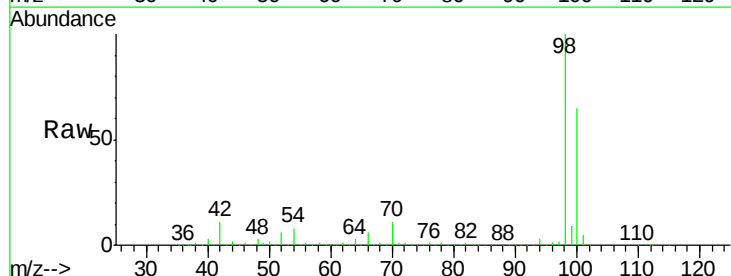
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2018

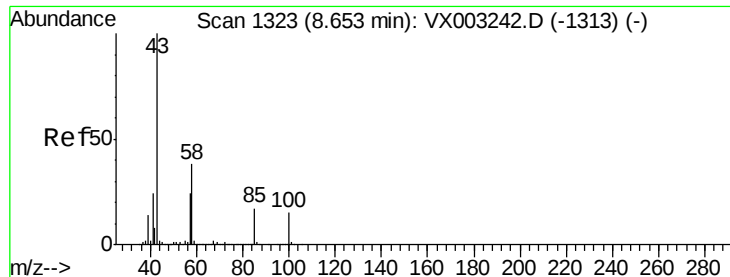
Tot Ion: 88 Resp: 406
Ion Ratio Lower Upper
88 100
43 102.7 29.8 44.6#
58 56.7 57.1 85.7#



#50
Toluene-d8
Concen: 47.86 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003255.D
Acq: 09 Jul 2018 20:31

Tgt Ion: 98 Resp: 596712
Ion Ratio Lower Upper
98 100
100 63.9 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 0.81 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.01 min

Lab File: VX003255.D

Acq: 09 Jul 2018 20:31

Instrument :

MSVOA_X

ClientSampleId :

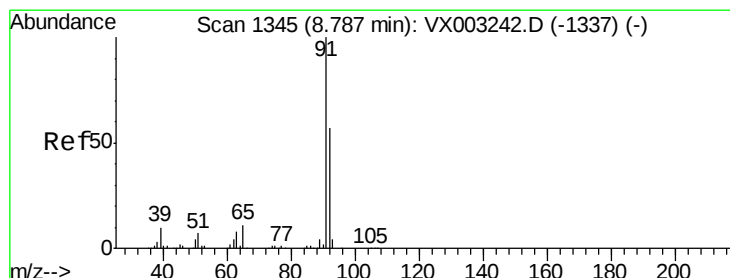
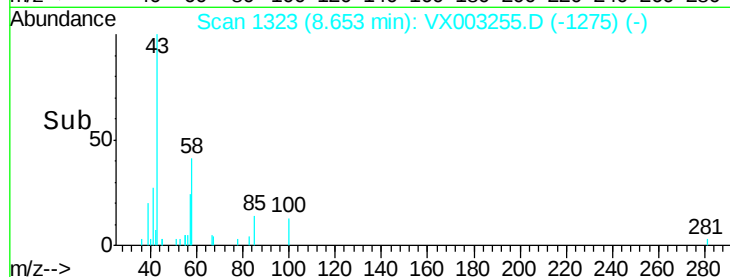
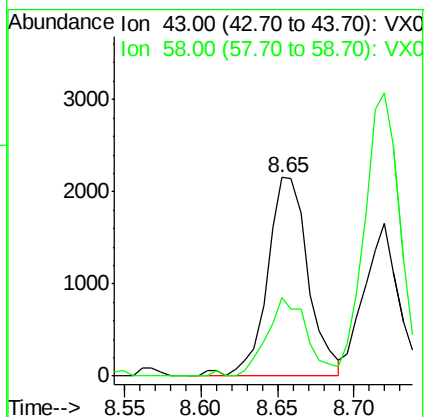
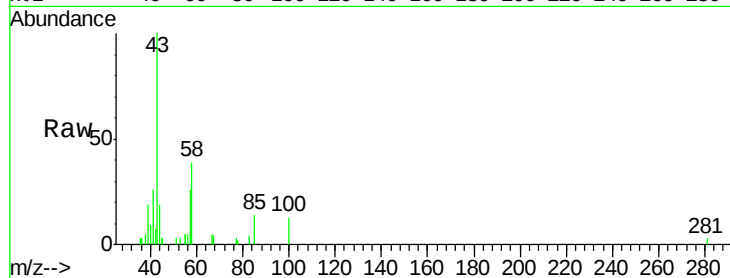
LOD-MDL-WATER-01-QT3-2018

Tot Ion: 43 Resp: 3995

Ion Ratio Lower Upper

43 100

58 39.2 28.6 42.8



#52

Toluene

Concen: 0.25 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX003255.D

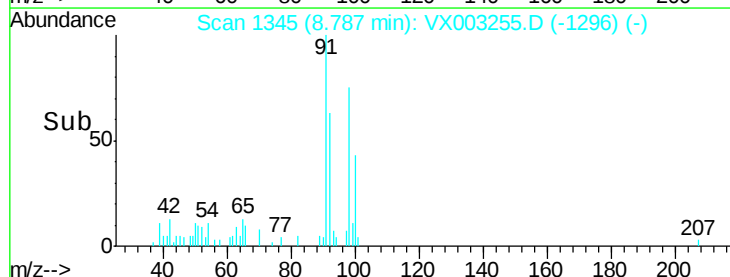
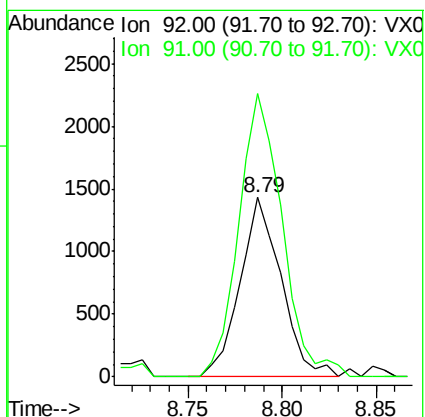
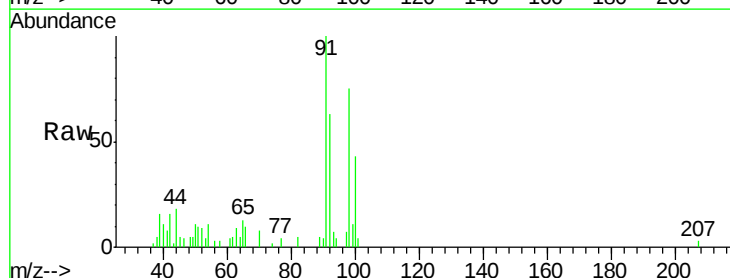
Acq: 09 Jul 2018 20:31

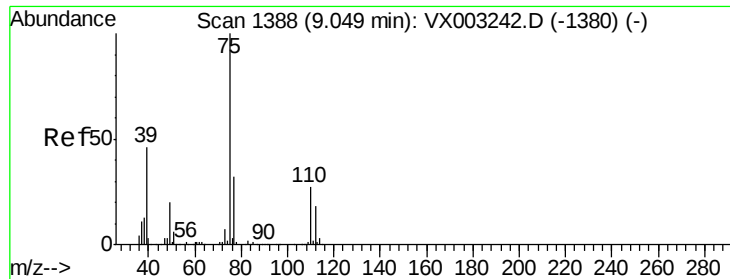
Tgt Ion: 92 Resp: 2172

Ion Ratio Lower Upper

92 100

91 166.0 140.4 210.6



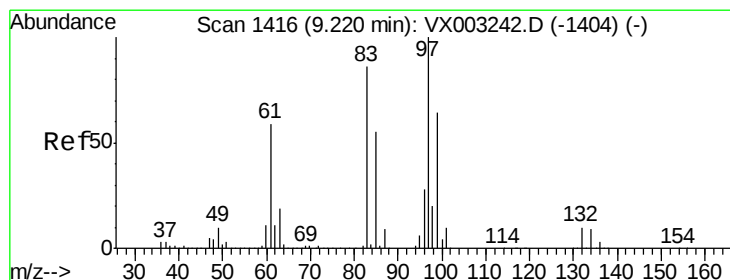
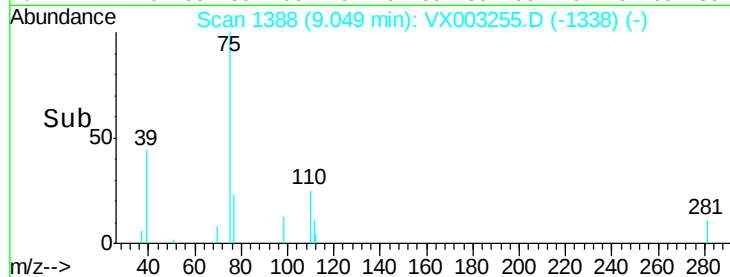
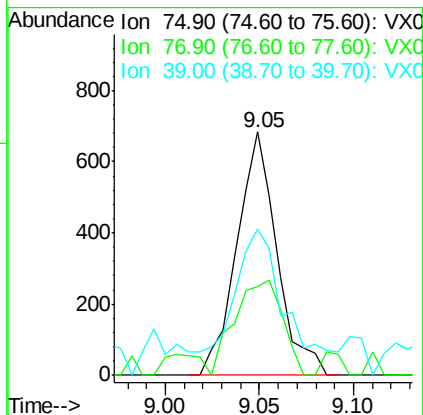
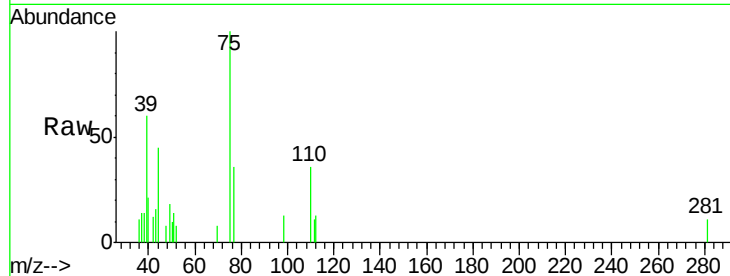


#54

cis-1,3-Dichloropropene
 Concen: 0.21 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. 0.01 min
 Lab File: VX003255.D
 Acq: 09 Jul 2018 20:31

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2018

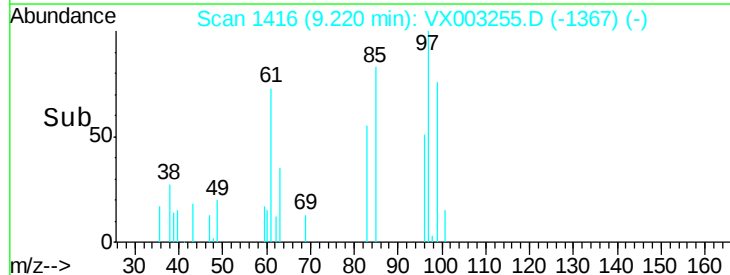
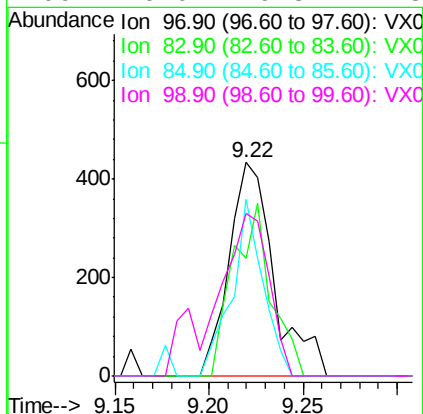
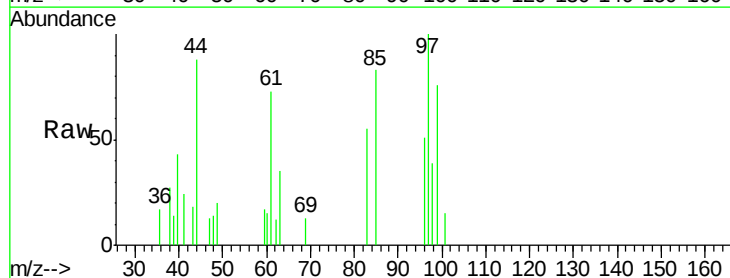
Tot Ion	Ratio	Lower	Upper
75	100		
77	28.4	24.8	37.2
39	50.9	42.4	63.6

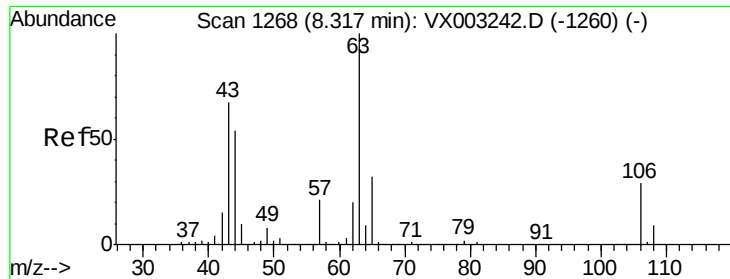


#55

1,1,2-Trichloroethane
 Concen: 0.20 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX003255.D
 Acq: 09 Jul 2018 20:31

Tgt Ion	Ratio	Lower	Upper
97	100		
83	55.3	70.2	105.2#
85	82.7	44.9	67.3#
99	76.0	49.8	74.8#

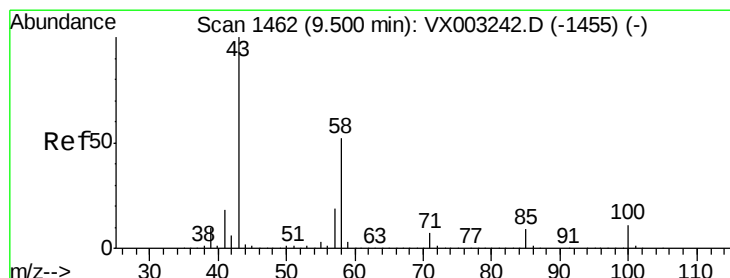
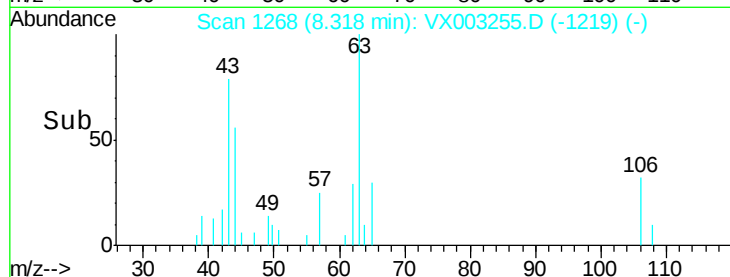
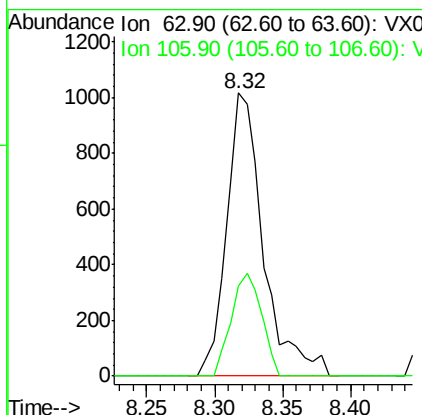
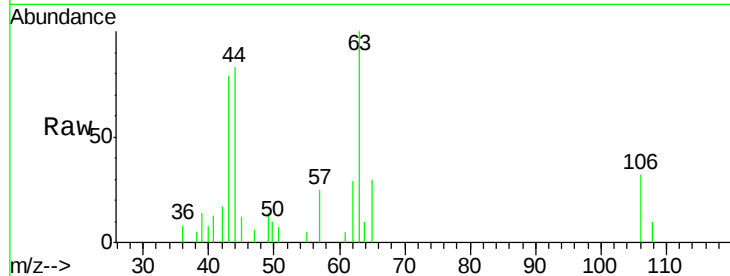




#58
2-Chloroethyl Vinyl ether
Concen: 0.80 ug/l
RT: 8.32 min Scan# 1268
Delta R.T. 0.00 min
Lab File: VX003255.D
Acq: 09 Jul 2018 20:31

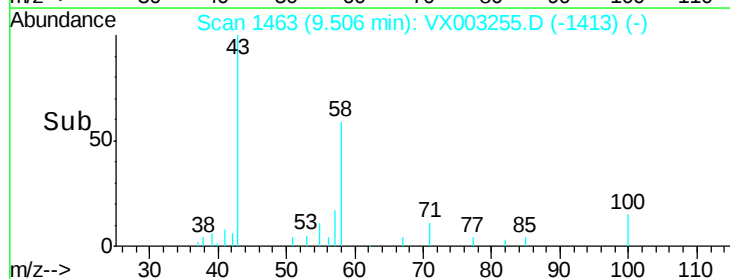
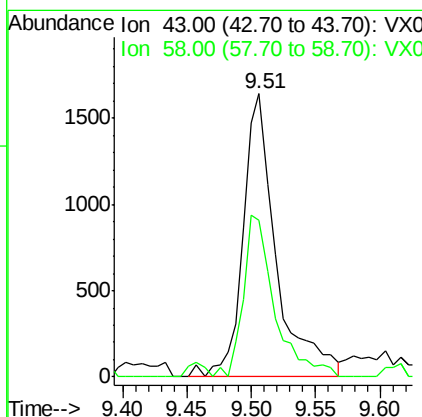
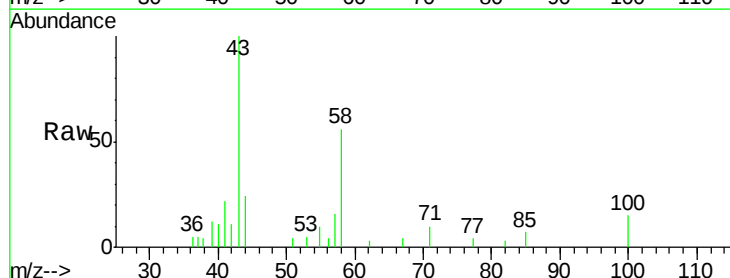
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2018

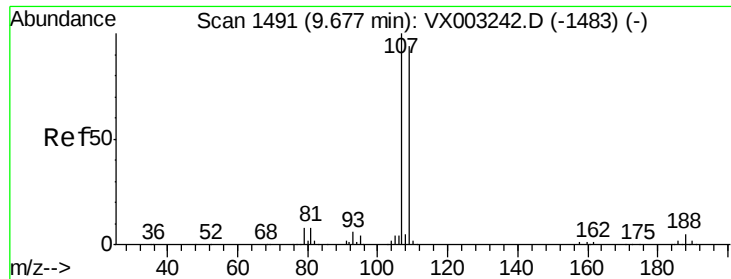
Tot Ion: 63 Resp: 1907
Ion Ratio Lower Upper
63 100
106 29.9 21.8 32.8



#59
2-Hexanone
Concen: 0.78 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.01 min
Lab File: VX003255.D
Acq: 09 Jul 2018 20:31

Tgt Ion: 43 Resp: 2934
Ion Ratio Lower Upper
43 100
58 53.7 24.6 73.6





#61

1,2-Dibromoethane

Concen: 0.20 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX003255.D

Acq: 09 Jul 2018 20:31

Instrument :

MSVOA_X

ClientSampleId :

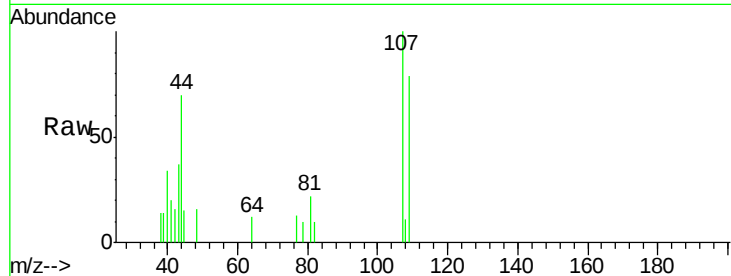
LOD-MDL-WATER-01-QT3-2018

Tot Ion:107 Resp: 757

Ion Ratio Lower Upper

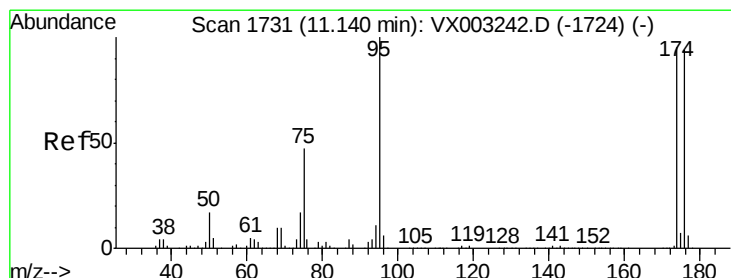
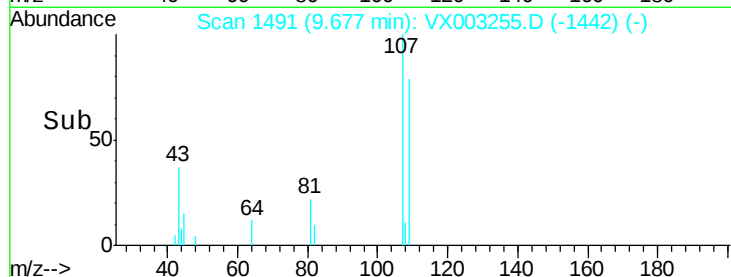
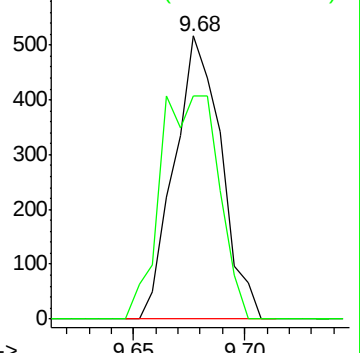
107 100

109 98.9 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 44.48 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003255.D

Acq: 09 Jul 2018 20:31

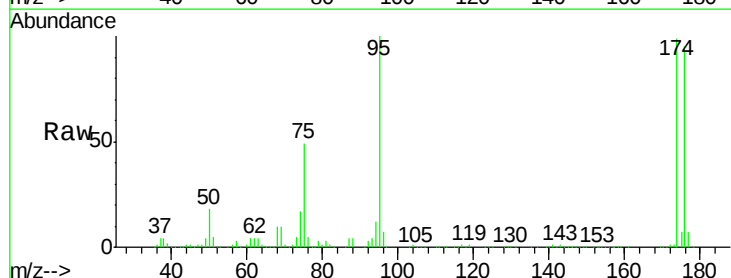
Tgt Ion: 95 Resp: 204929

Ion Ratio Lower Upper

95 100

174 102.0 0.0 187.4

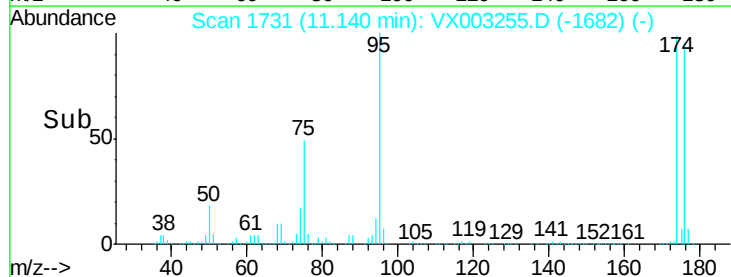
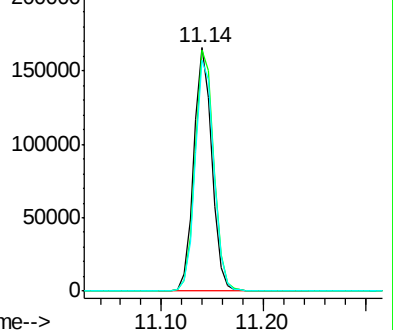
176 97.7 0.0 181.0

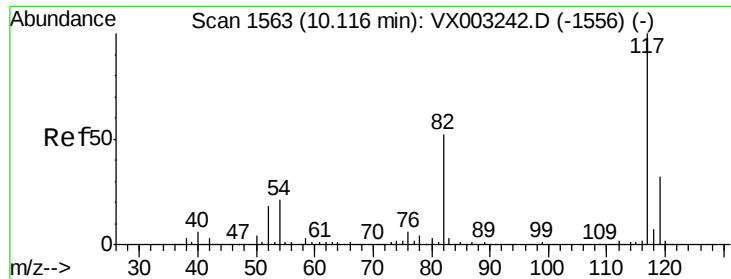


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

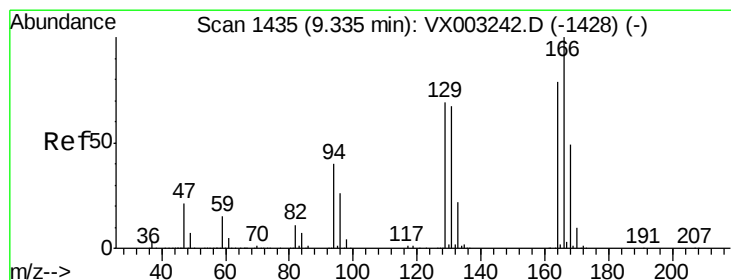
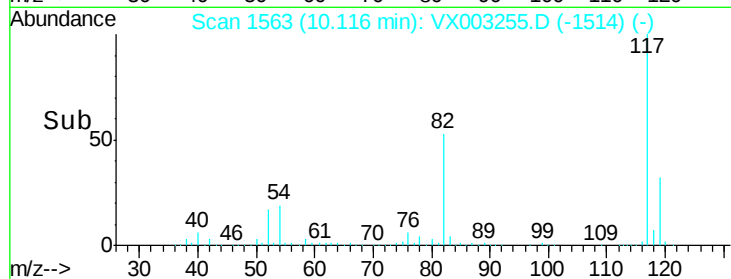
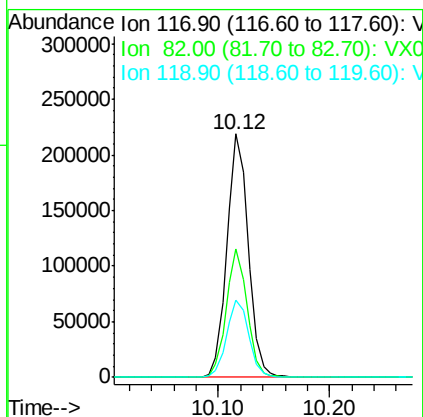
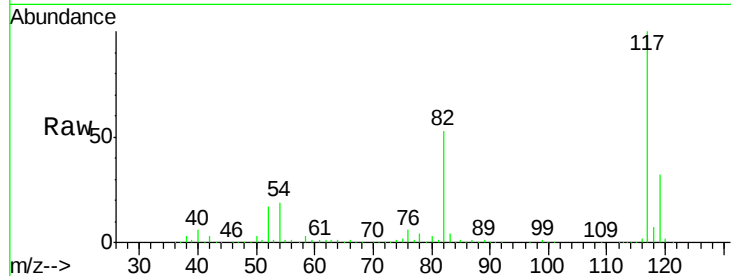




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003255.D
Acq: 09 Jul 2018 20:31

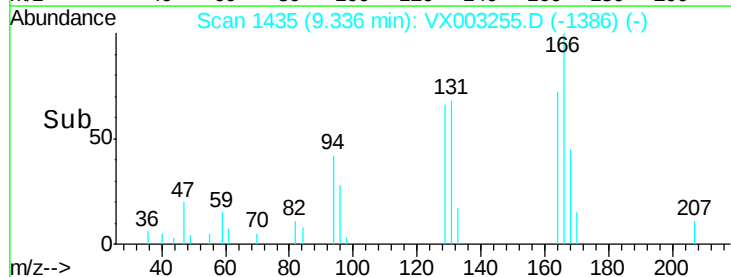
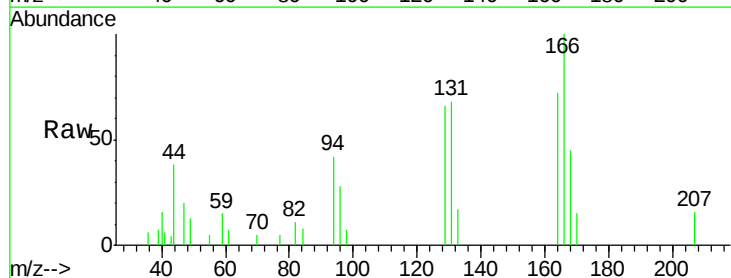
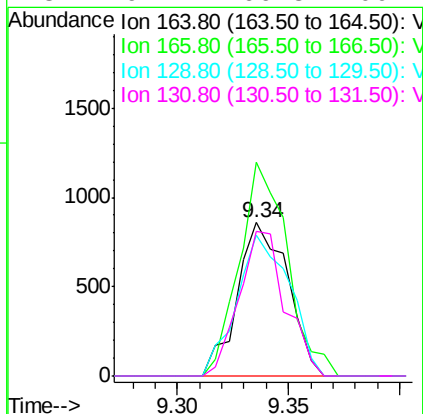
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2018

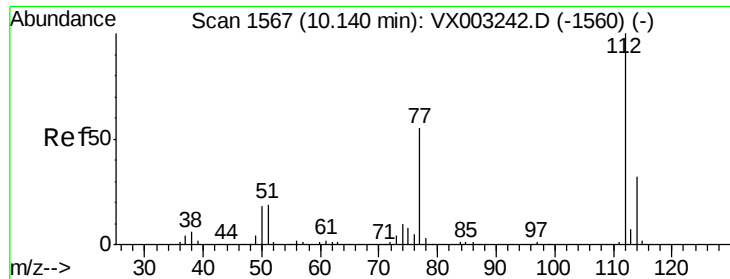
Tot Ion:117 Resp: 291821
Ion Ratio Lower Upper
117 100
82 52.8 45.0 67.4
119 31.9 25.8 38.6



#64
Tetrachloroethene
Concen: 0.31 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. 0.00 min
Lab File: VX003255.D
Acq: 09 Jul 2018 20:31

Tgt Ion:164 Resp: 1350
Ion Ratio Lower Upper
164 100
166 139.2 102.9 154.3
129 91.9 68.6 102.8
131 94.2 66.8 100.2

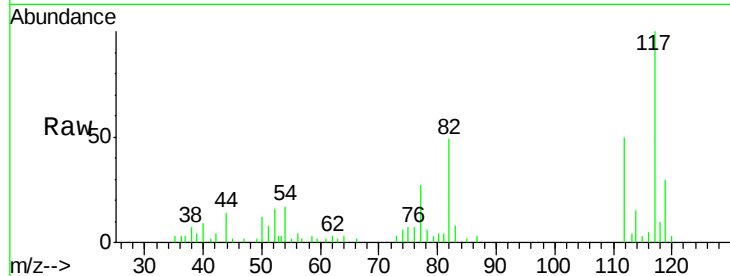




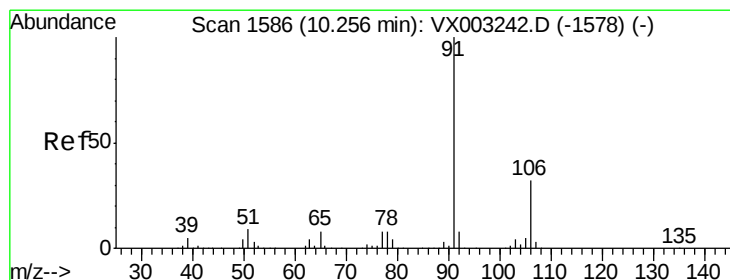
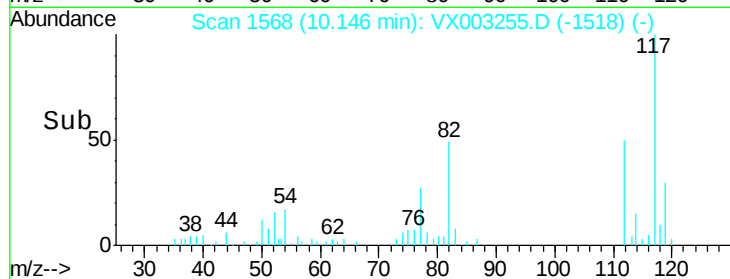
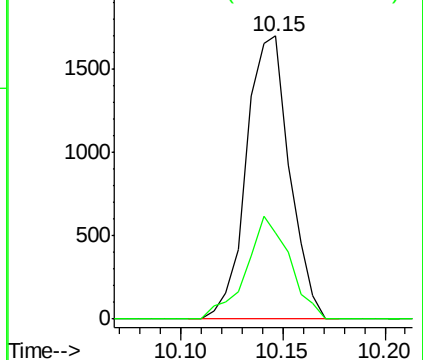
#65
Chlorobenzene
Concen: 0.25 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.01 min
Lab File: VX003255.D
Acq: 09 Jul 2018 20:31

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2018

Tot Ion:112 Resp: 2504
Ion Ratio Lower Upper
112 100
114 30.4 25.3 37.9

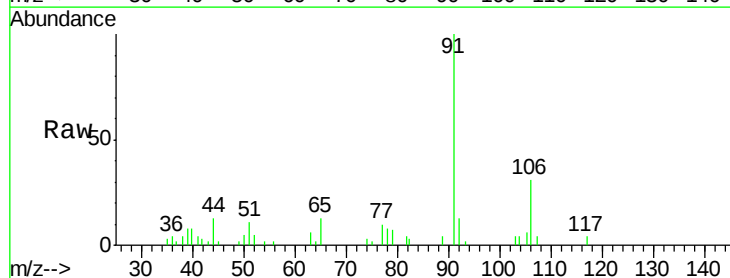


Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V

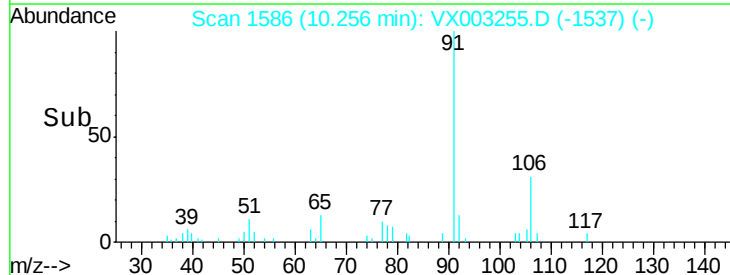
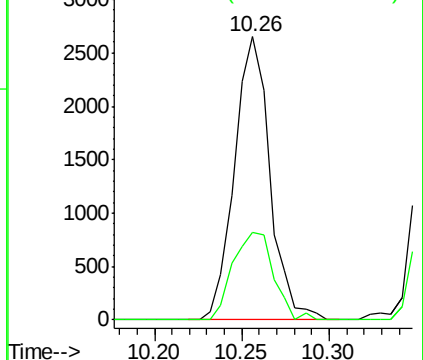


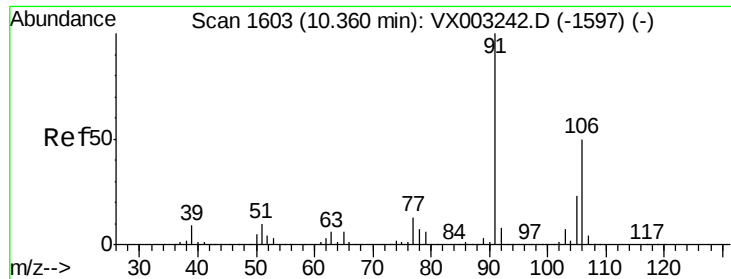
#67
Ethyl Benzene
Concen: 0.23 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX003255.D
Acq: 09 Jul 2018 20:31

Tgt Ion: 91 Resp: 3746
Ion Ratio Lower Upper
91 100
106 30.8 25.5 38.3



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

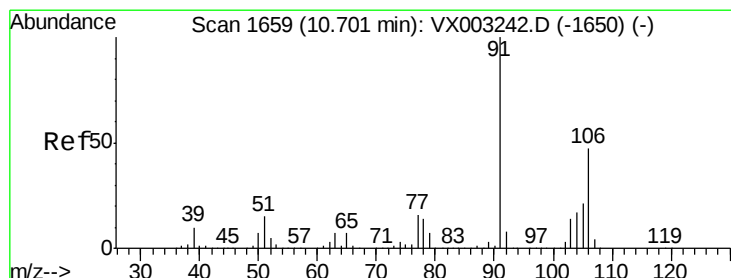
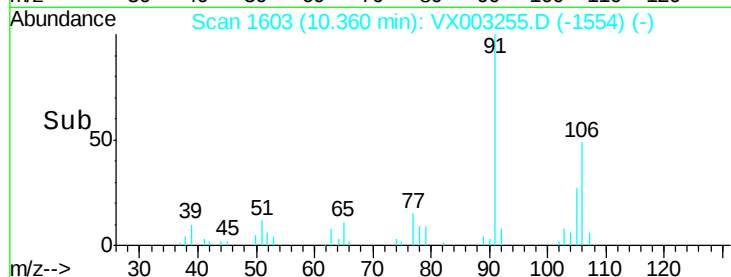
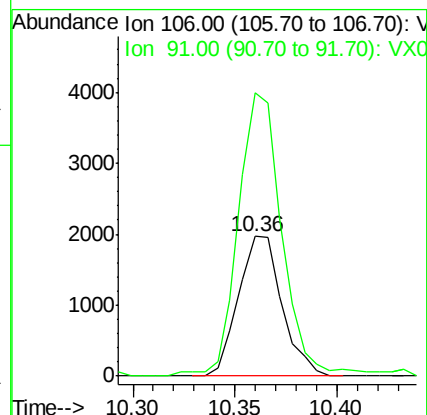
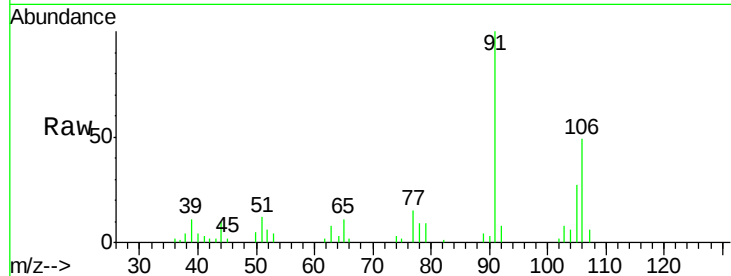




#68
m/p-Xvlenes
Concen: 0.47 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX003255.D
Acq: 09 Jul 2018 20:31

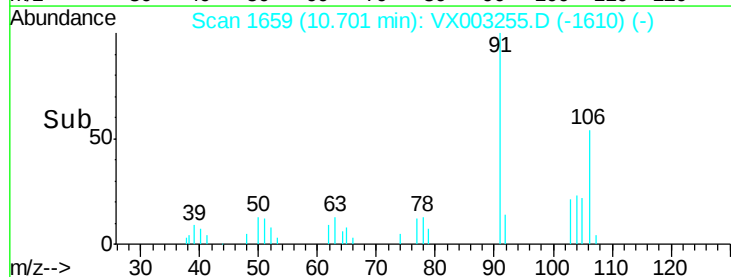
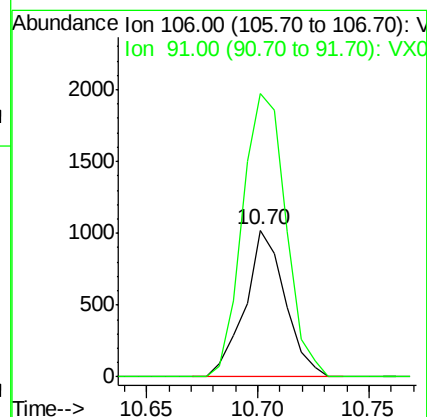
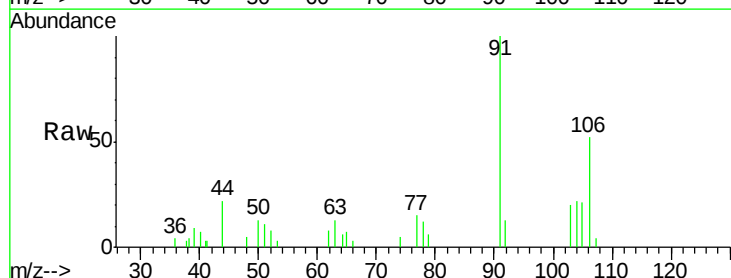
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2018

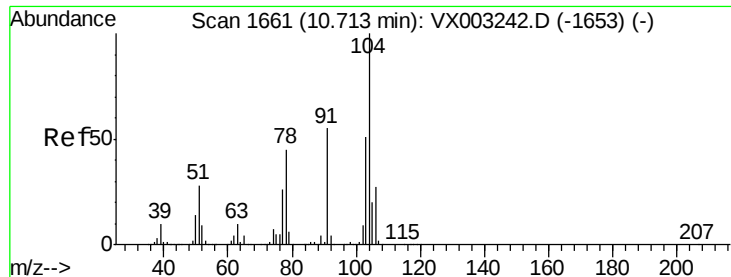
Tot Ion:106 Resp: 2922
Ion Ratio Lower Upper
106 100
91 202.7 163.4 245.2



#69
o-Xylene
Concen: 0.21 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003255.D
Acq: 09 Jul 2018 20:31

Tgt Ion:106 Resp: 1274
Ion Ratio Lower Upper
106 100
91 210.1 108.2 324.6





#70

Stvrene

Concen: 0.22 ug/l

RT: 10.71 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX003255.D

Acq: 09 Jul 2018 20:31

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2018

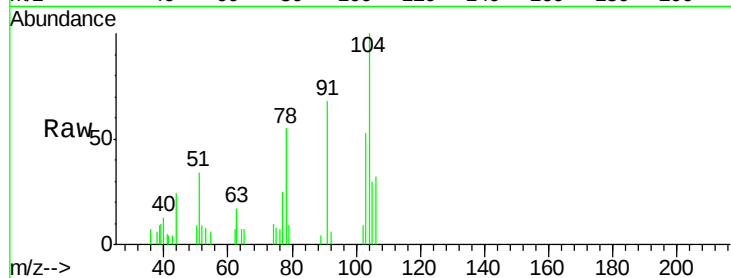
Tot Ion:104 Resp: 2159

Ion Ratio Lower Upper

104 100

78 54.8 41.0 61.6

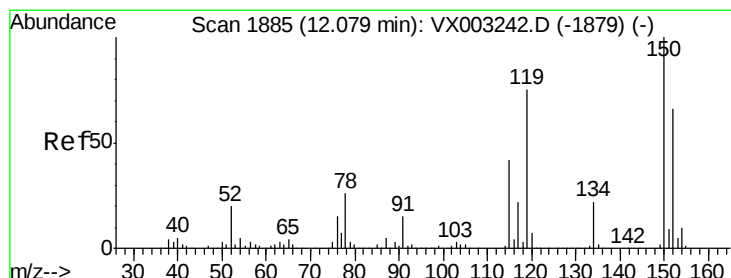
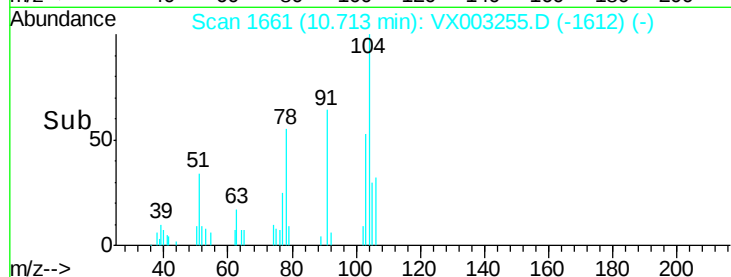
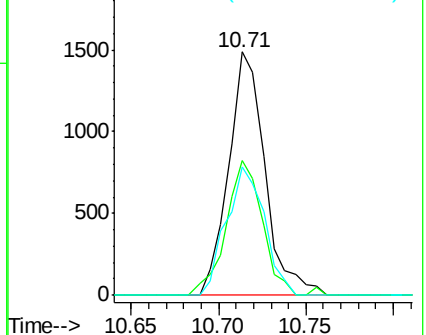
103 54.9 44.2 66.4



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): V

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. 0.01 min

Lab File: VX003255.D

Acq: 09 Jul 2018 20:31

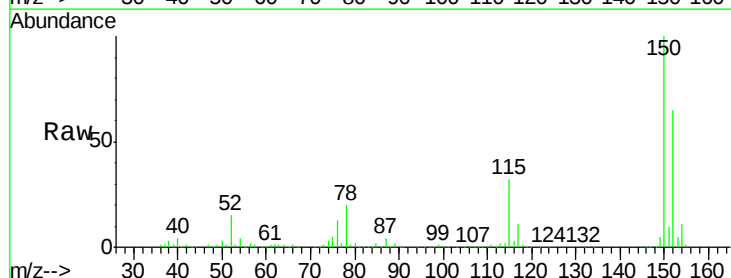
Tgt Ion:152 Resp: 188776

Ion Ratio Lower Upper

152 100

115 52.6 40.1 120.2

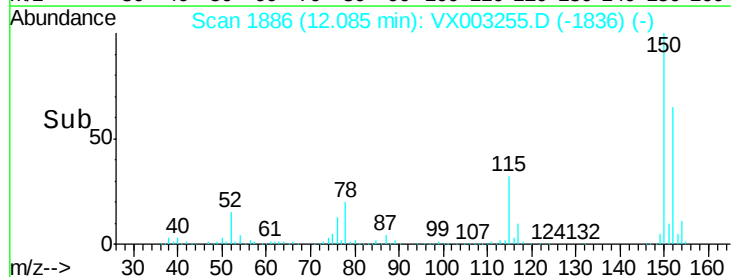
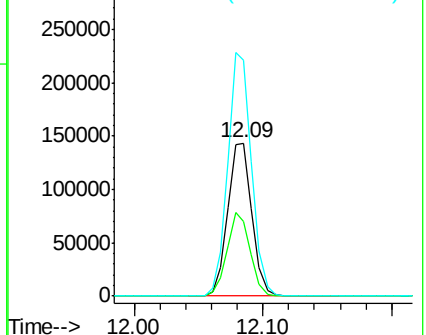
150 156.1 0.0 347.2

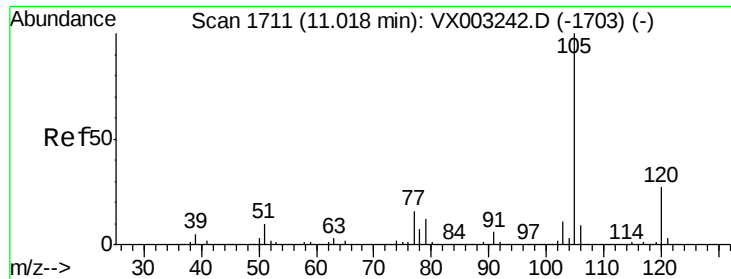


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 0.24 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.01 min

Lab File: VX003255.D

Acq: 09 Jul 2018 20:31

Instrument :

MSVOA_X

ClientSampleId :

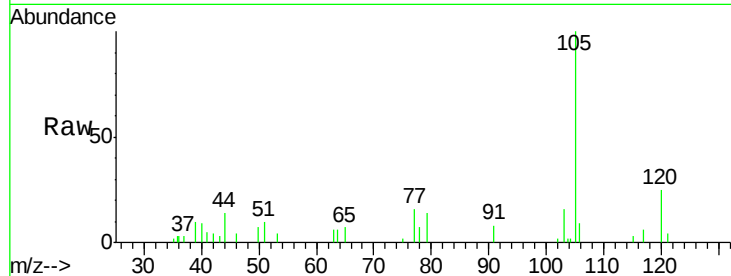
LOD-MDL-WATER-01-QT3-2018

Tot Ion:105 Resp: 3527

Ion Ratio Lower Upper

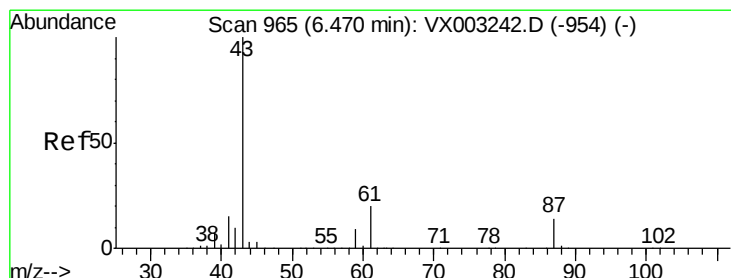
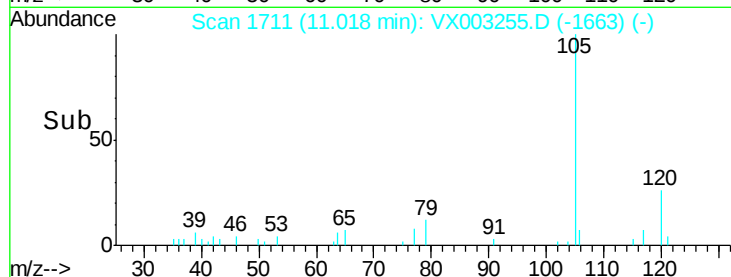
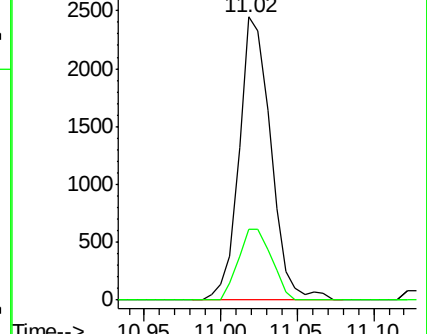
105 100

120 26.1 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 0.22 ug/l

RT: 6.48 min Scan# 967

Delta R.T. 0.01 min

Lab File: VX003255.D

Acq: 09 Jul 2018 20:31

Tgt Ion: 43 Resp: 1572

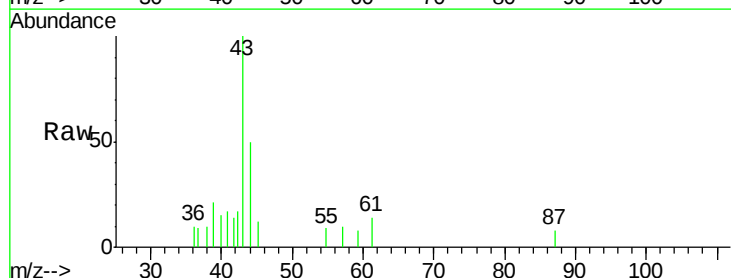
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 1.3 0.0 0.0#

61 16.7 14.4 21.6

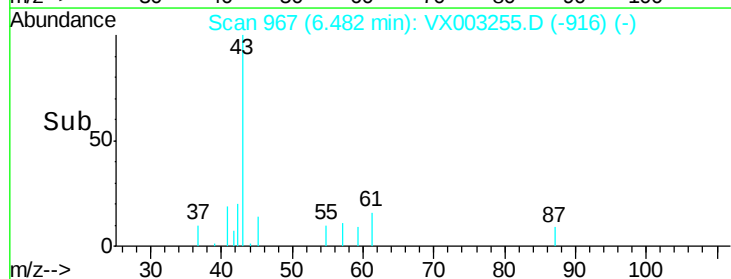
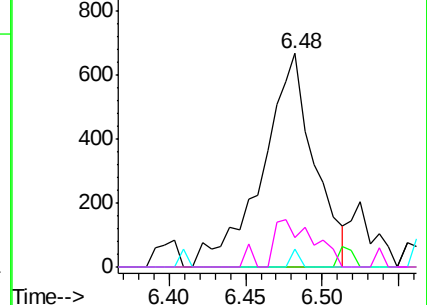


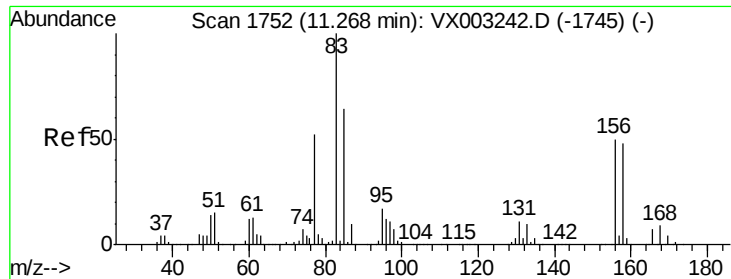
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 0.22 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX003255.D

Acq: 09 Jul 2018 20:31

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2018

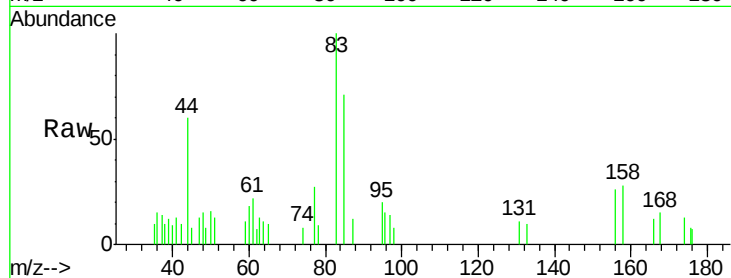
Tot Ion: 83 Resp: 1007

Ion Ratio Lower Upper

83 100

131 12.2 5.6 16.8

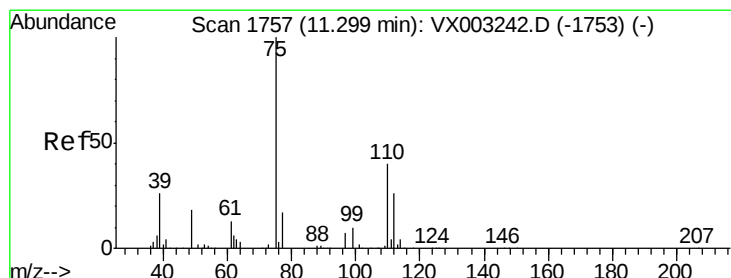
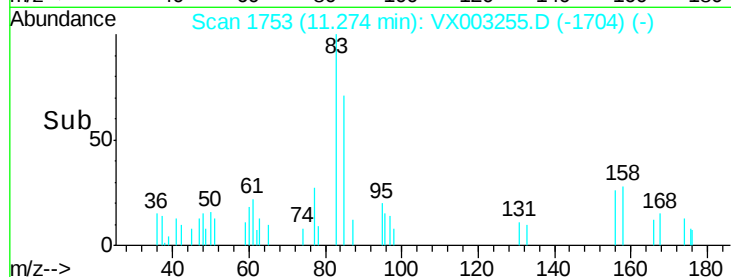
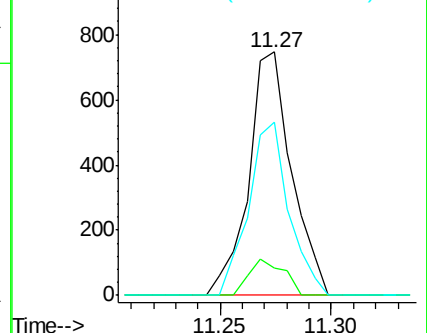
85 66.8 32.4 97.2



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: 24.55 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX003255.D

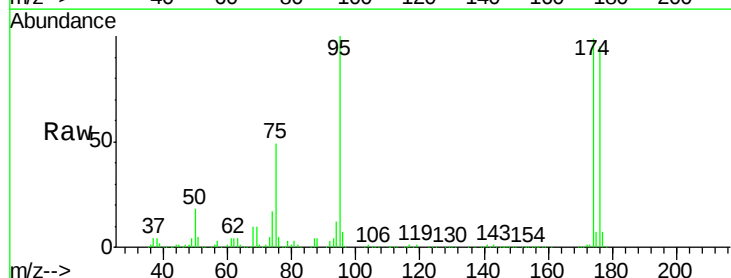
Acq: 09 Jul 2018 20:31

Tgt Ion: 75 Resp: 100173

Ion Ratio Lower Upper

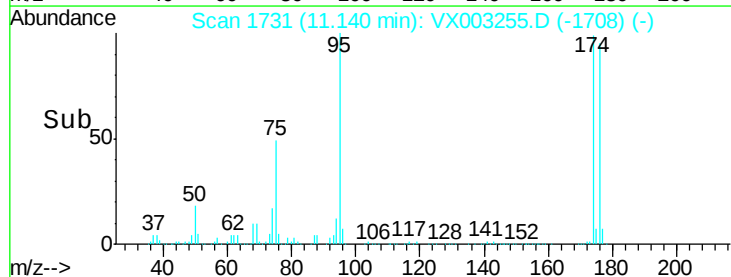
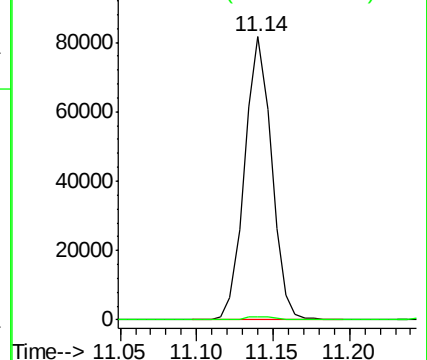
75 100

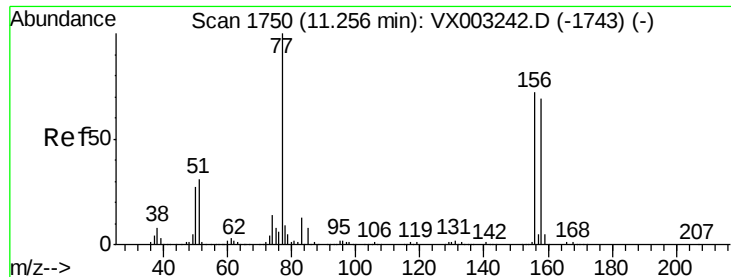
77 1.2 22.8 68.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 0.31 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX003255.D

Acq: 09 Jul 2018 20:31

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2018

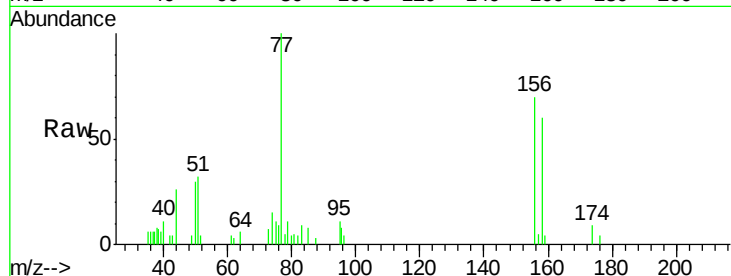
Tot Ion:156 Resp: 1333

Ion Ratio Lower Upper

156 100

77 133.5 71.4 214.2

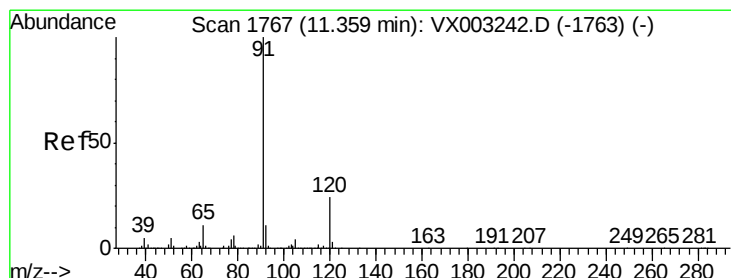
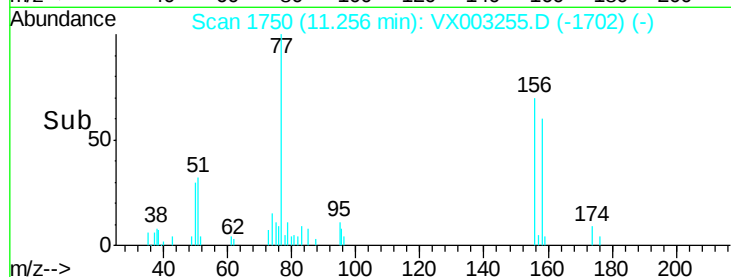
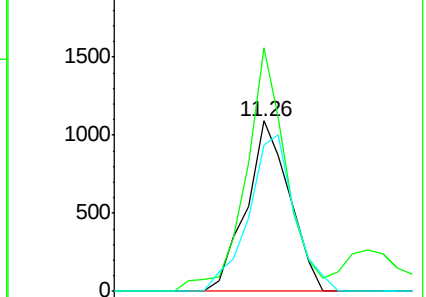
158 98.0 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 0.30 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX003255.D

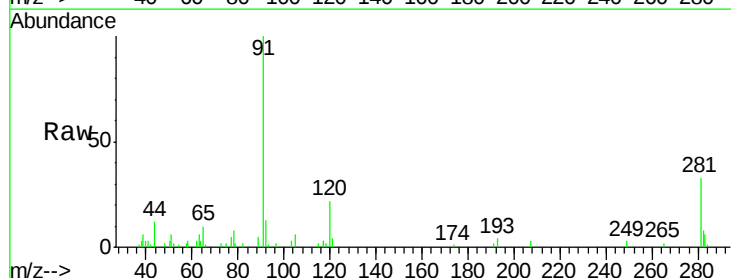
Acq: 09 Jul 2018 20:31

Tgt Ion: 91 Resp: 5015

Ion Ratio Lower Upper

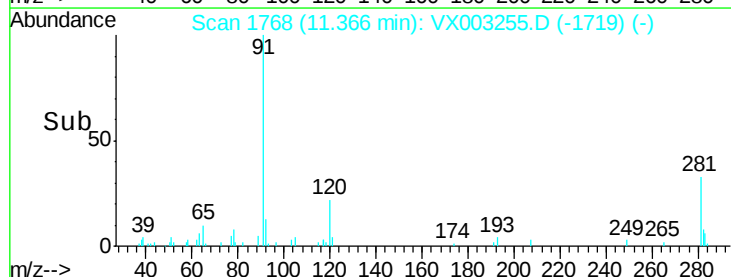
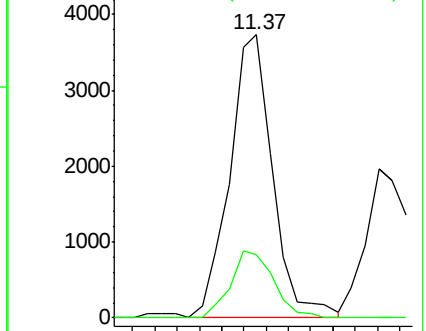
91 100

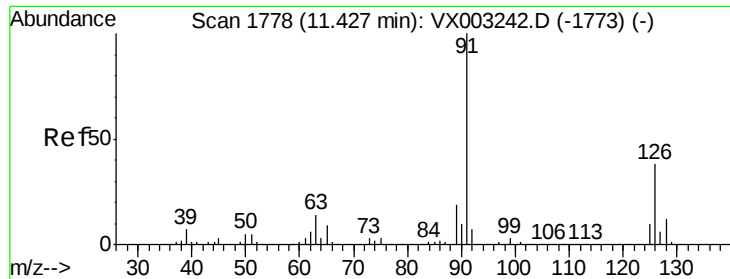
120 23.8 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 0.27 ug/l

RT: 11.42 min Scan# 1777

Delta R.T. -0.01 min

Lab File: VX003255.D

Acq: 09 Jul 2018 20:31

Instrument :

MSVOA_X

ClientSampleId :

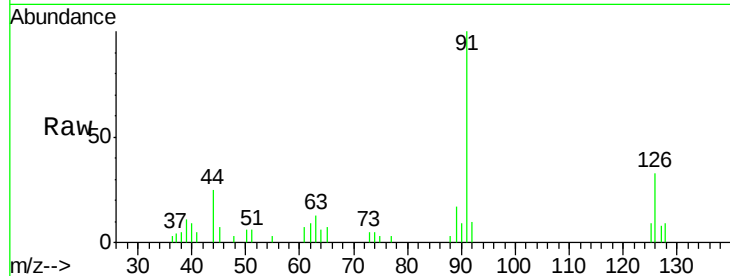
LOD-MDL-WATER-01-QT3-2018

Tot Ion: 91 Resp: 2755

Ion Ratio Lower Upper

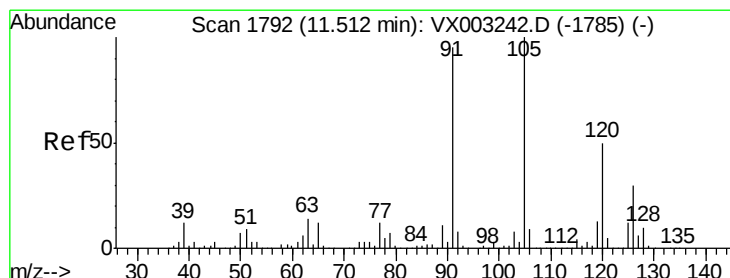
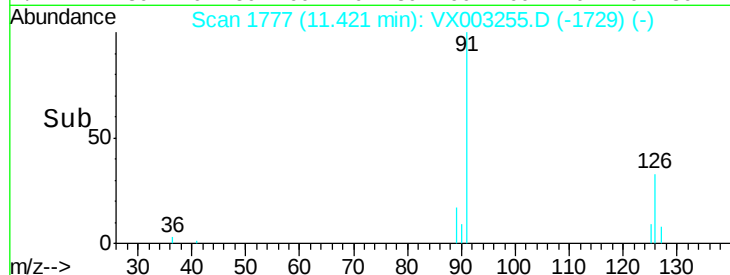
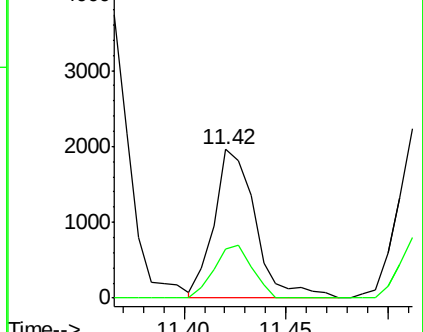
91 100

126 32.4 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): VX003242.D (-1773) (-)

Ion 125.90 (125.60 to 126.60): VX003242.D (-1773) (-)



#80

1,3,5-Trimethylbenzene

Concen: 0.25 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX003255.D

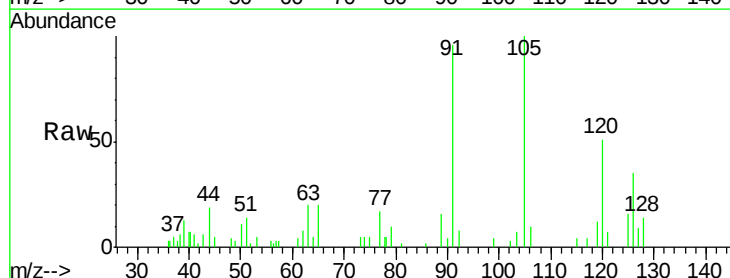
Acq: 09 Jul 2018 20:31

Tgt Ion: 105 Resp: 3044

Ion Ratio Lower Upper

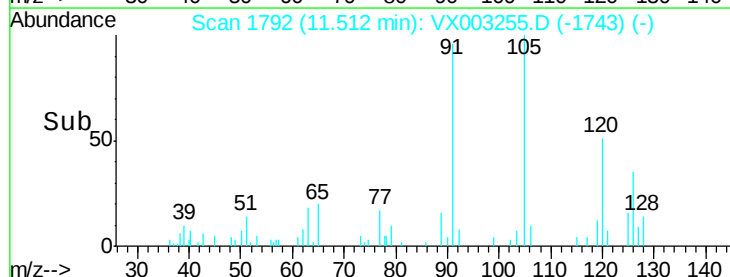
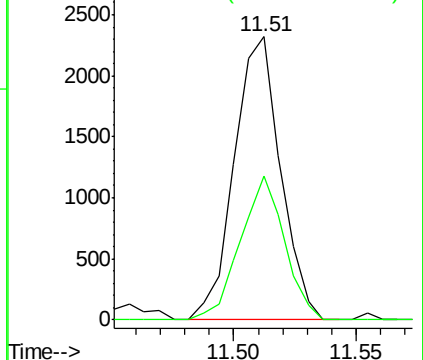
105 100

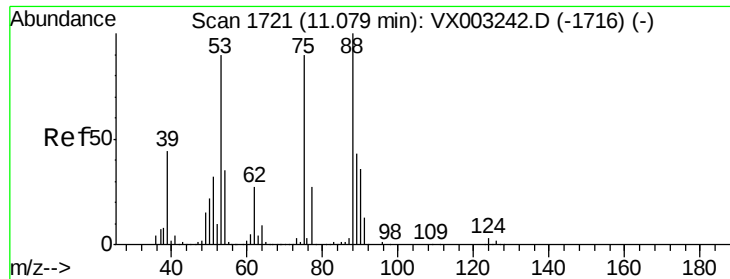
120 48.6 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): VX003242.D (-1785) (-)

Ion 120.00 (119.70 to 120.70): VX003242.D (-1785) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 80.25 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX003255.D

Acq: 09 Jul 2018 20:31

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2018

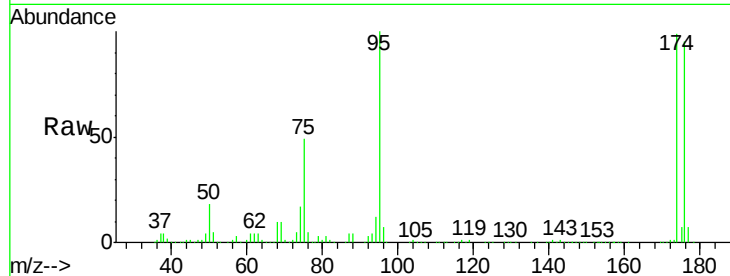
Tot Ion: 75 Resp: 100173

Ion Ratio Lower Upper

75 100

53 0.1 86.8 130.2#

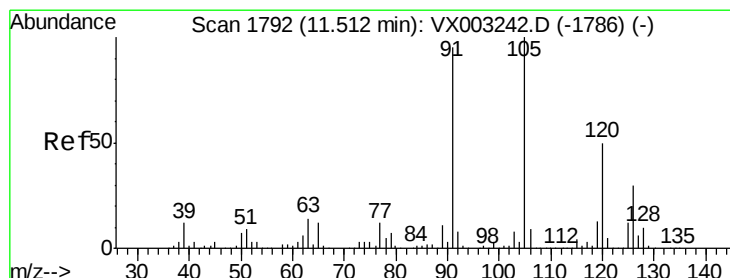
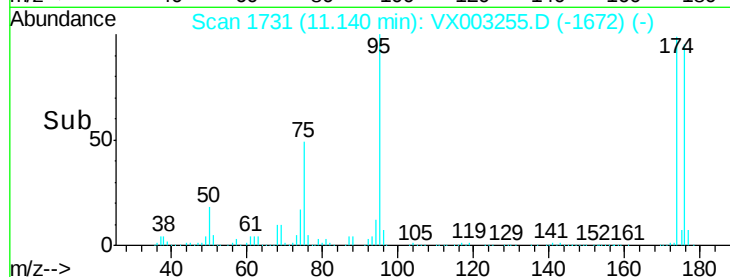
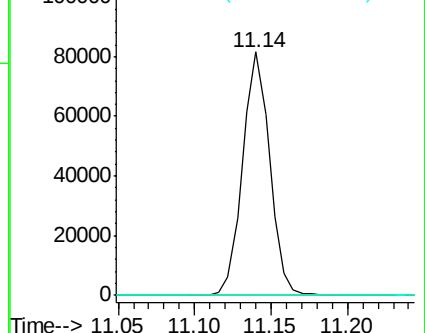
89 0.1 38.2 57.2#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 0.28 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.01 min

Lab File: VX003255.D

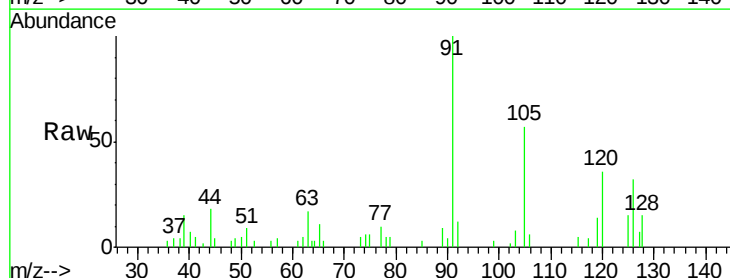
Acq: 09 Jul 2018 20:31

Tgt Ion: 91 Resp: 3261

Ion Ratio Lower Upper

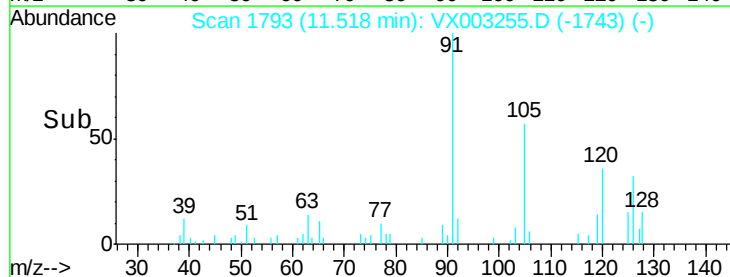
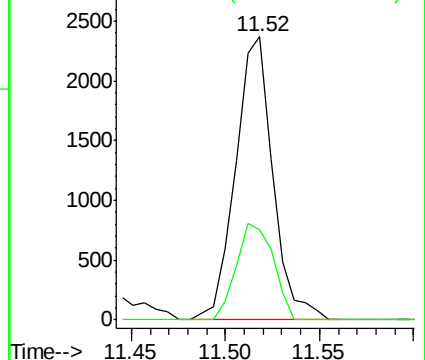
91 100

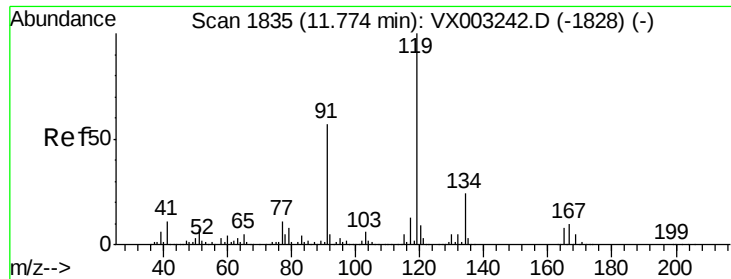
126 33.6 15.4 46.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

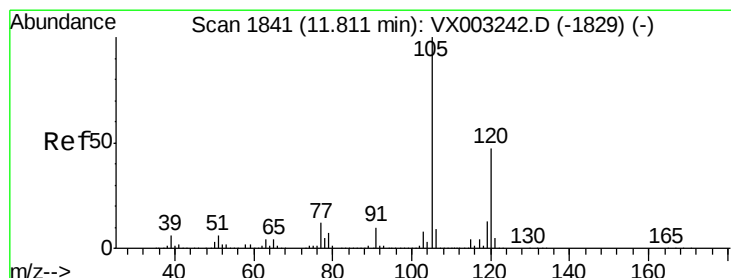
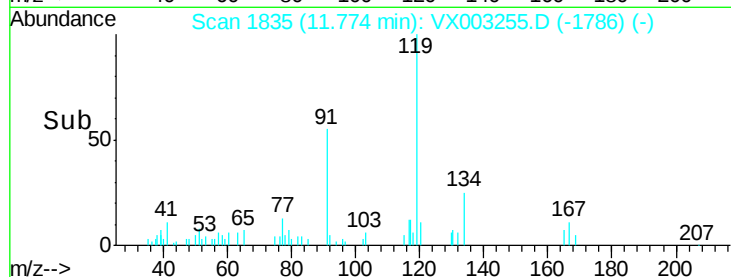
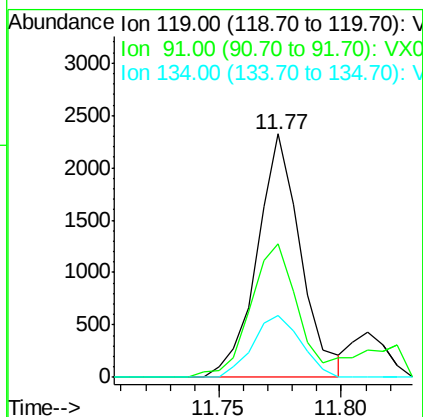
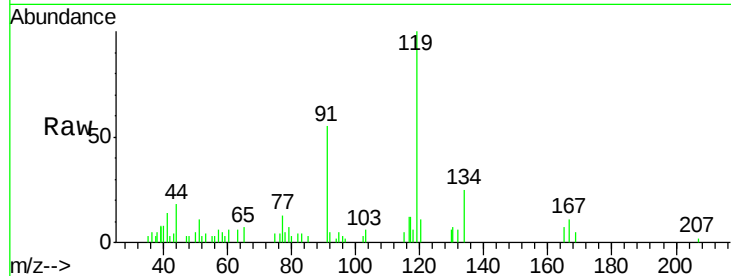




#83
 tert-Butylbenzene
 Concen: 0.23 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX003255.D
 Acq: 09 Jul 2018 20:31

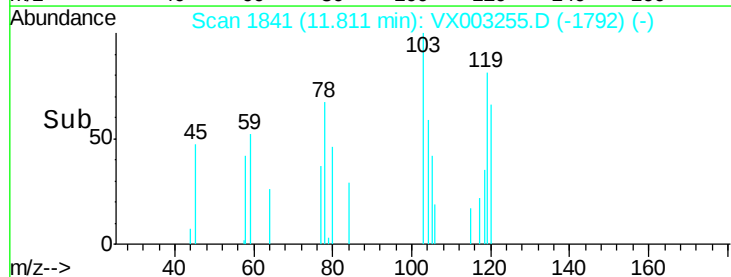
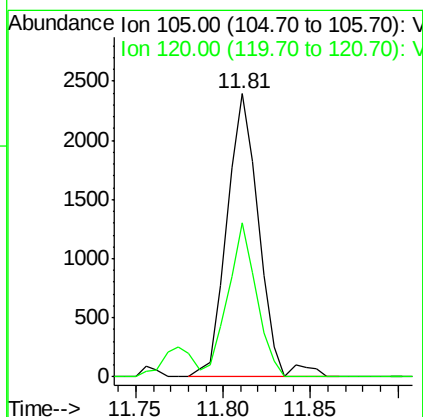
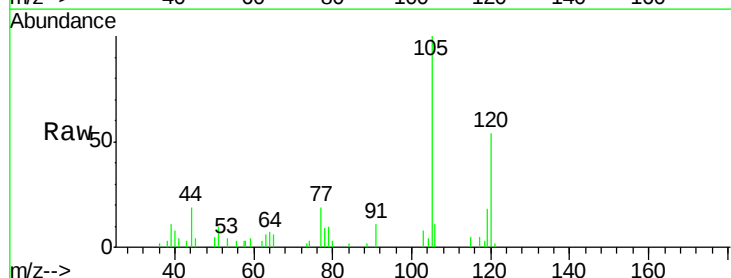
Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2018

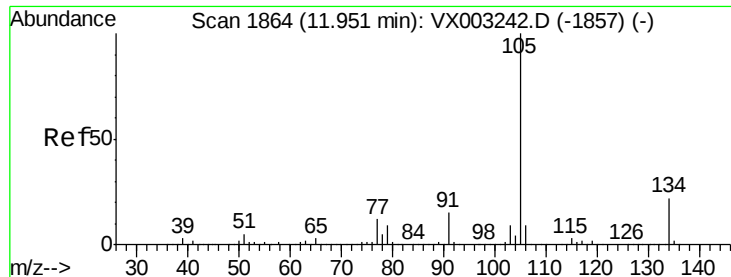
Tot Ion:119 Resp: 2885
 Ion Ratio Lower Upper
 119 100
 91 60.8 30.3 90.9
 134 28.1 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 0.24 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX003255.D
 Acq: 09 Jul 2018 20:31

Tgt Ion:105 Resp: 3042
 Ion Ratio Lower Upper
 105 100
 120 48.8 22.3 66.8

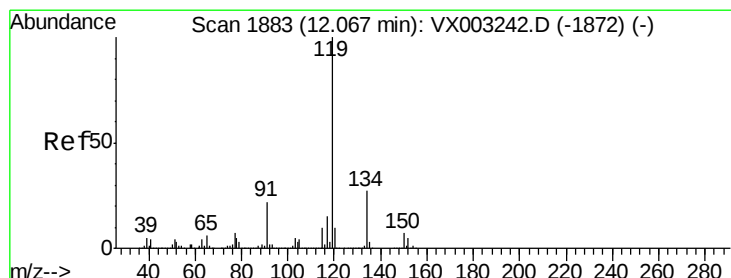
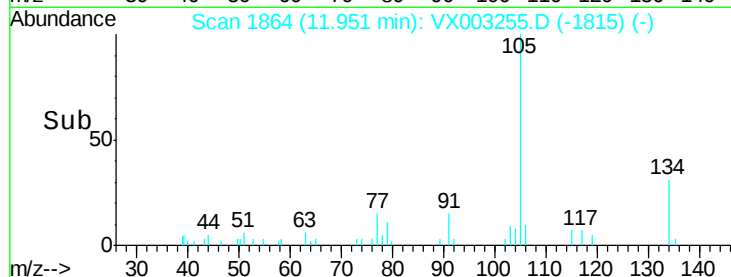
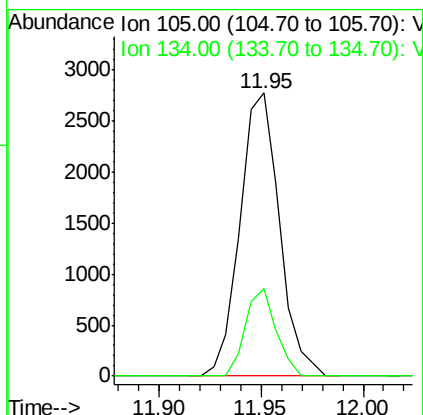
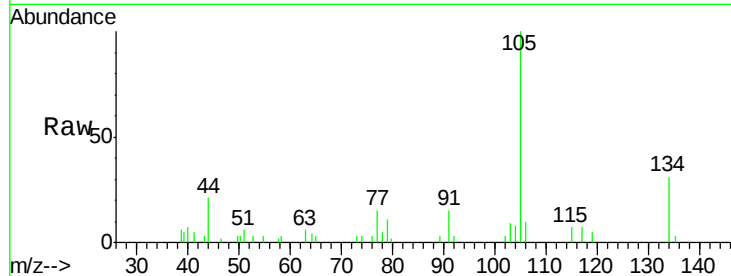




#85
 sec-Butylbenzene
 Concen: 0.25 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX003255.D
 Acq: 09 Jul 2018 20:31

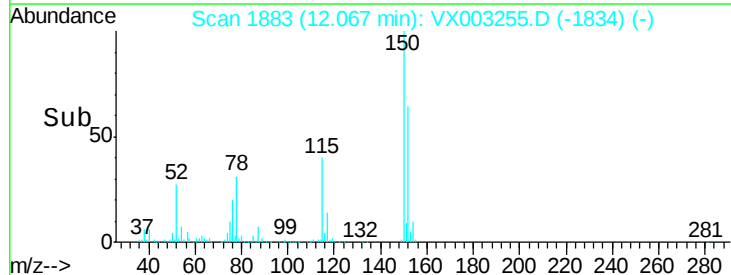
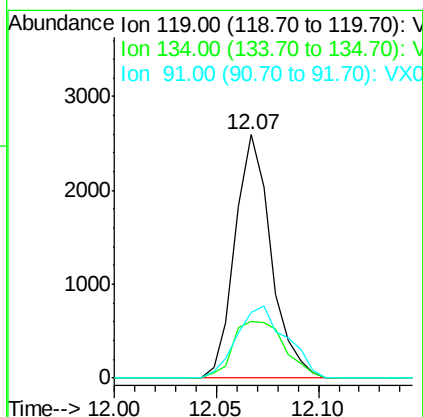
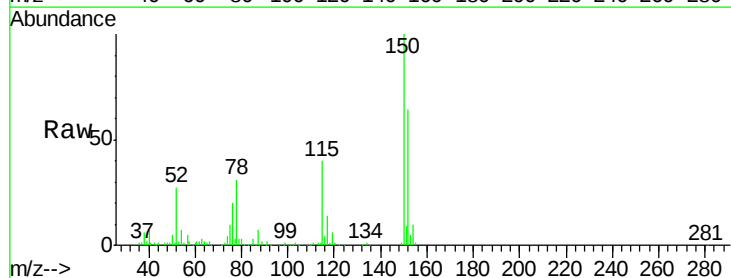
Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2018

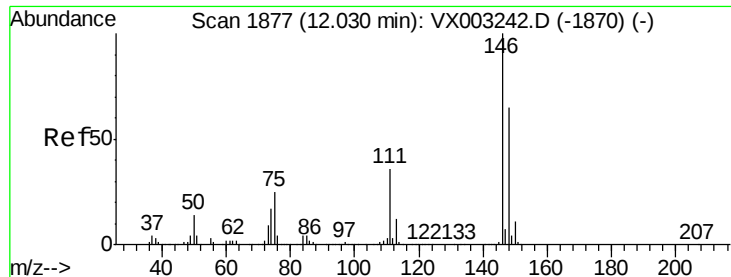
Tot Ion:105 Resp: 3727
 Ion Ratio Lower Upper
 105 100
 134 23.7 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 0.24 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VX003255.D
 Acq: 09 Jul 2018 20:31

Tgt Ion:119 Resp: 3181
 Ion Ratio Lower Upper
 119 100
 134 33.4 13.4 40.1
 91 40.9 11.9 35.7#





#87

1,3-Dichlorobenzene

Concen: 0.33 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX003255.D

Acq: 09 Jul 2018 20:31

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2018

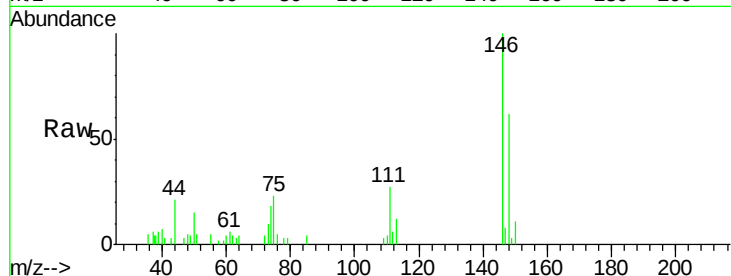
Tot Ion:146 Resp: 2631

Ion Ratio Lower Upper

146 100

111 35.6 18.9 56.7

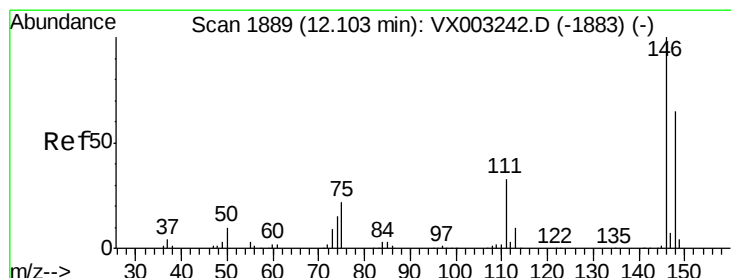
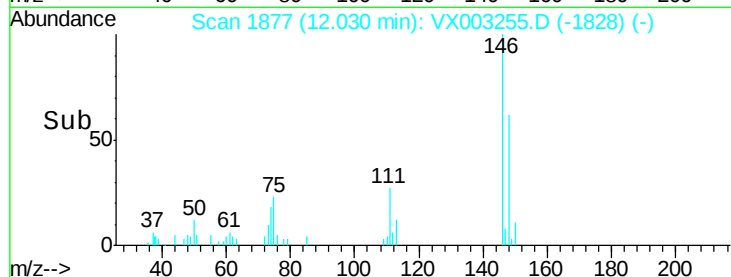
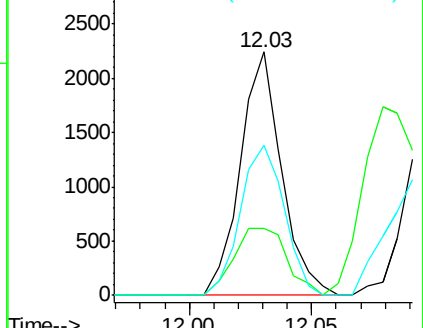
148 65.3 32.1 96.3



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: 0.33 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.07 min

Lab File: VX003255.D

Acq: 09 Jul 2018 20:31

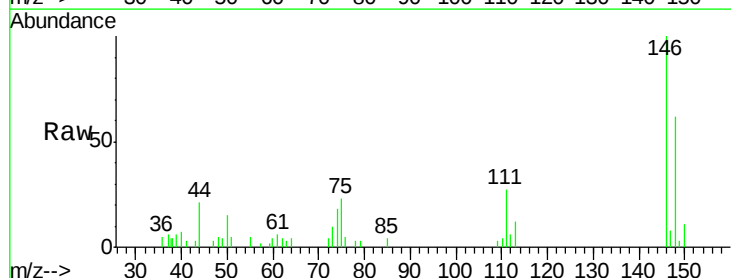
Tgt Ion:146 Resp: 2631

Ion Ratio Lower Upper

146 100

111 35.6 18.7 56.1

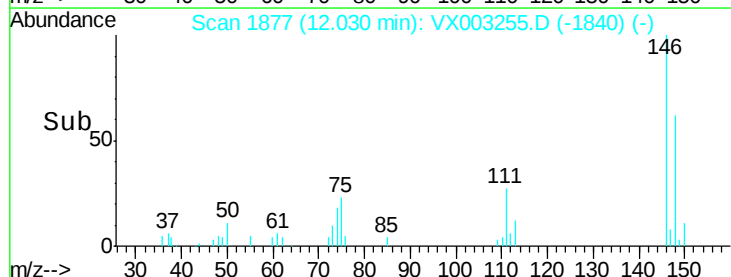
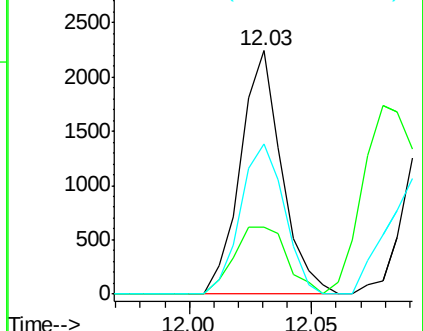
148 65.3 32.4 97.0

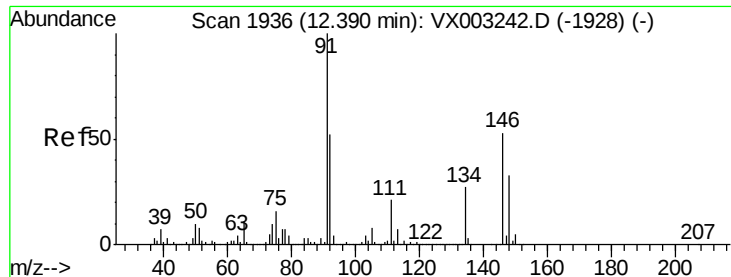


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

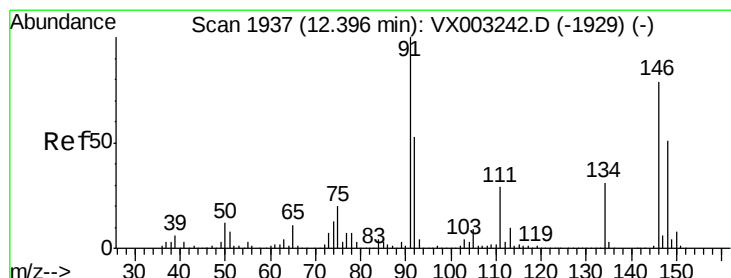
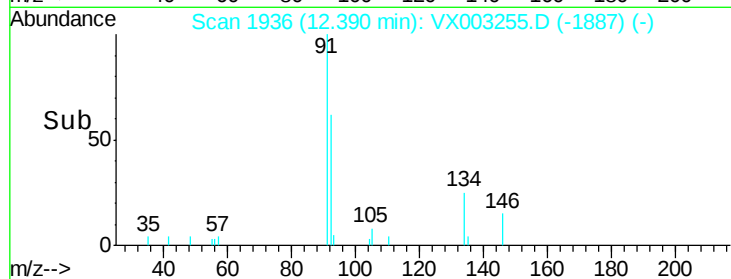
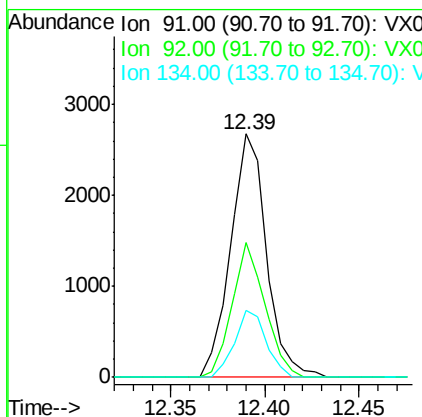
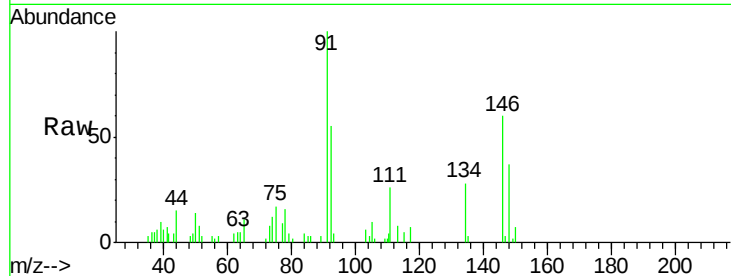




#89
n-Butylbenzene
Concen: 0.32 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. 0.00 min
Lab File: VX003255.D
Acq: 09 Jul 2018 20:31

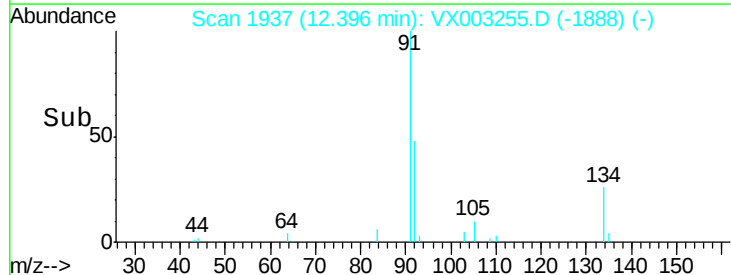
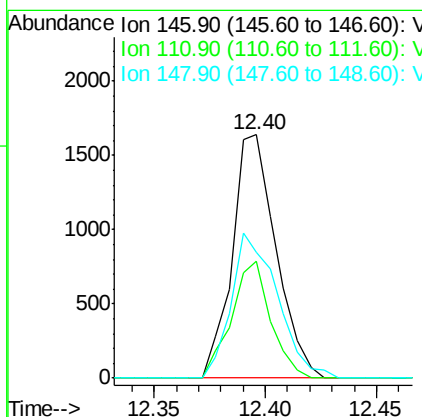
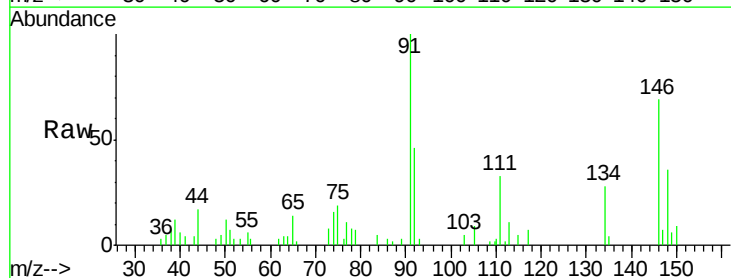
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2018

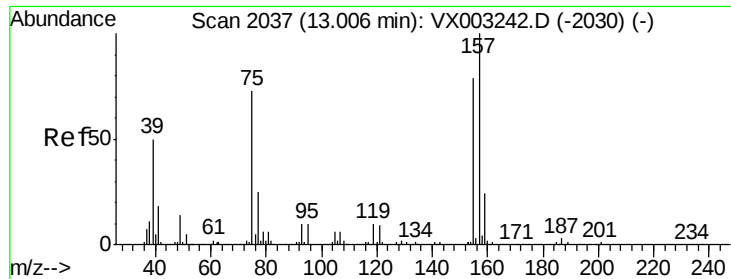
Tot Ion: 91 Resp: 3531
Ion Ratio Lower Upper
91 100
92 50.8 26.0 78.0
134 24.2 13.5 40.5



#91
1,2-Dichlorobenzene
Concen: 0.28 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX003255.D
Acq: 09 Jul 2018 20:31

Tgt Ion: 146 Resp: 2246
Ion Ratio Lower Upper
146 100
111 43.0 19.4 58.1
148 62.9 31.7 95.1

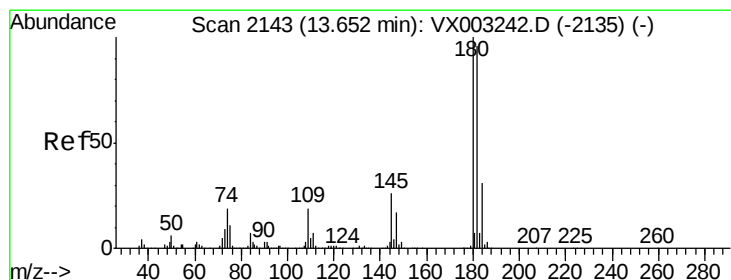
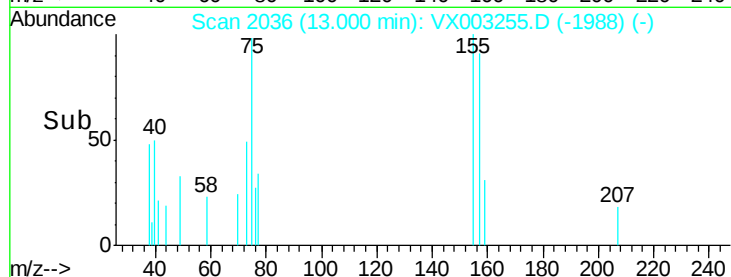
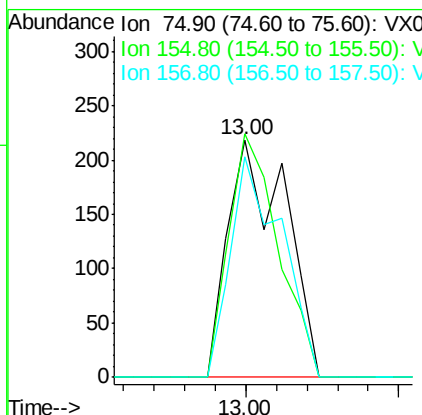
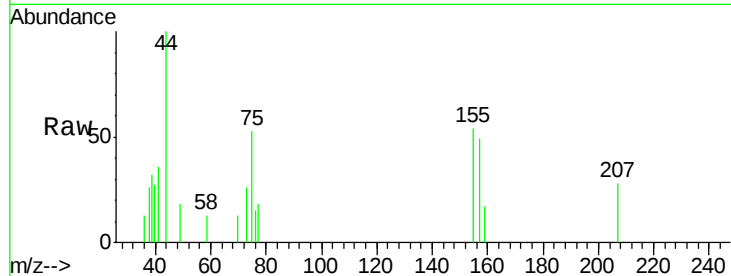




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.29 ug/l
 RT: 13.00 min Scan# 2036
 Delta R.T. -0.01 min
 Lab File: VX003255.D
 Acq: 09 Jul 2018 20:31

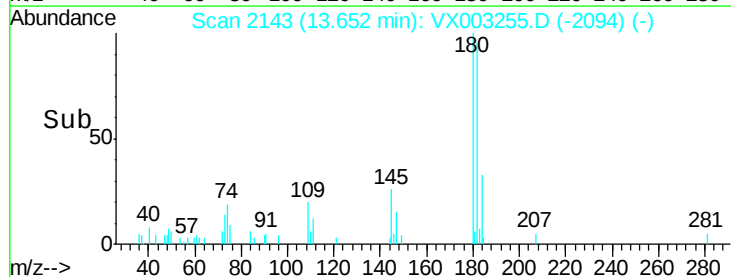
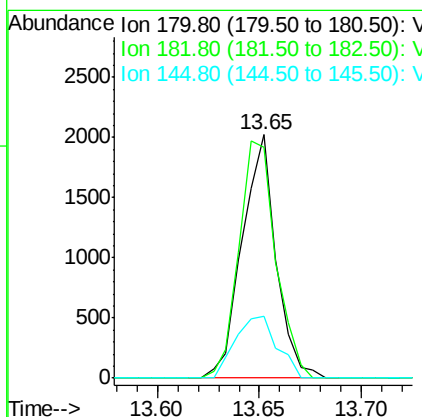
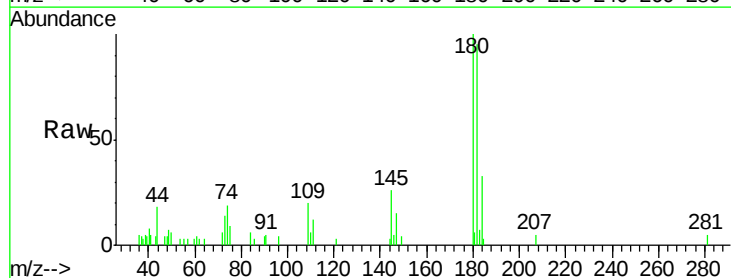
Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2018

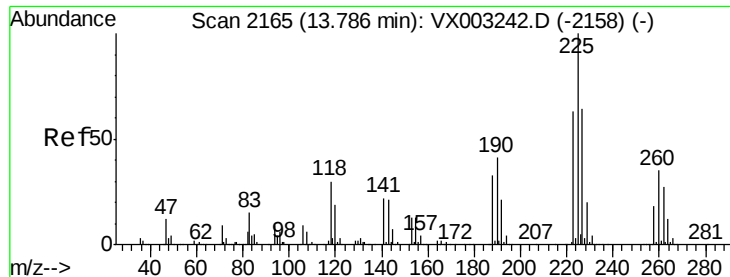
Tot Ion: 75 Resp: 283
 Ion Ratio Lower Upper
 75 100
 155 88.0 45.8 137.4
 157 82.7 60.1 180.3



#93
 1,2,4-Trichlorobenzene
 Concen: 0.40 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX003255.D
 Acq: 09 Jul 2018 20:31

Tgt Ion: 180 Resp: 2334
 Ion Ratio Lower Upper
 180 100
 182 106.1 47.7 143.1
 145 31.3 14.1 42.4





#94

Hexachlorobutadiene

Concen: 0.44 ug/l

RT: 13.79 min Scan# 2165

Delta R.T. 0.00 min

Lab File: VX003255.D

Acq: 09 Jul 2018 20:31

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2018

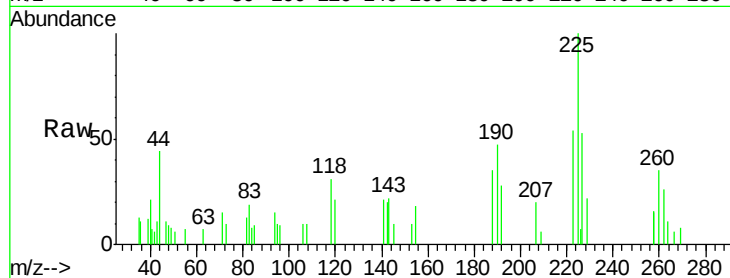
Tot Ion:225 Resp: 1269

Ion Ratio Lower Upper

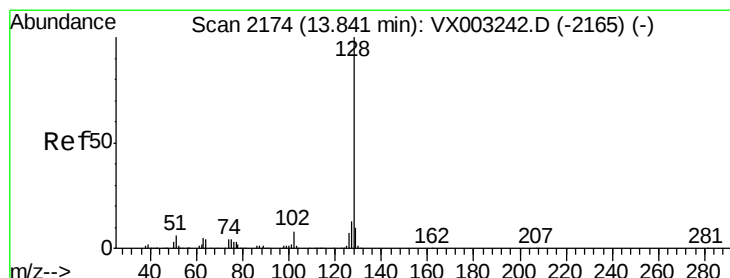
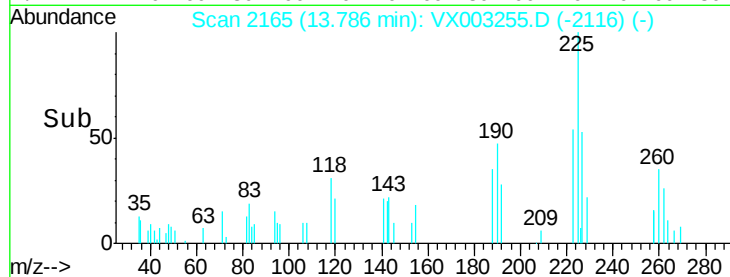
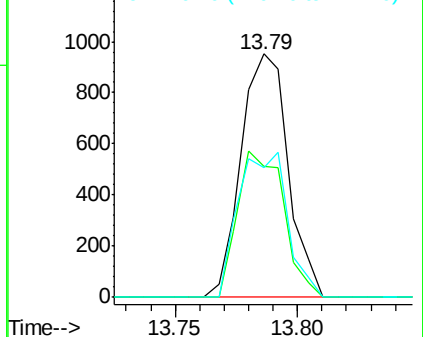
225 100

223 58.9 31.6 95.0

227 62.2 32.4 97.2



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: 0.31 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.01 min

Lab File: VX003255.D

Acq: 09 Jul 2018 20:31

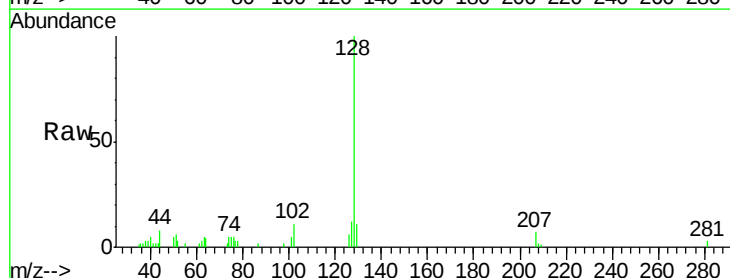
Tgt Ion:128 Resp: 4730

Ion Ratio Lower Upper

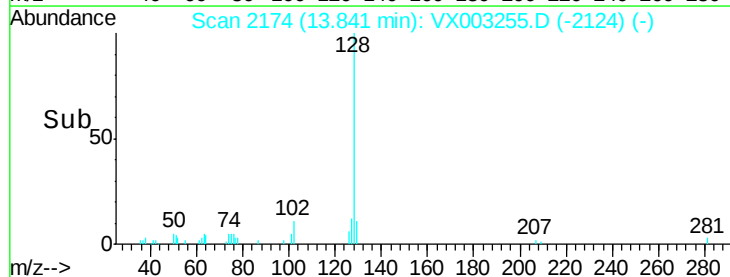
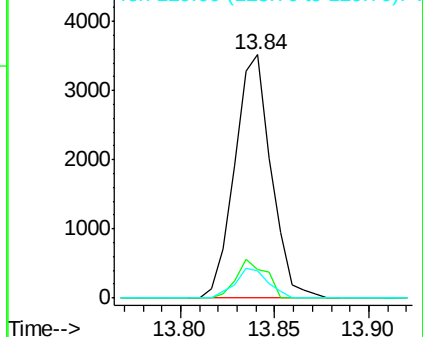
128 100

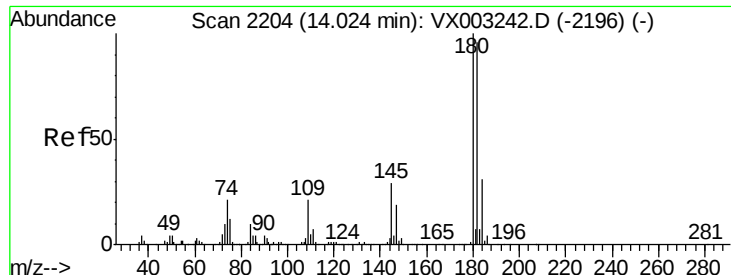
127 12.9 10.4 15.6

129 10.8 8.6 13.0



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: 0.37 ug/l
 RT: 14.02 min Scan# 2204
 Delta R.T. 0.00 min
 Lab File: VX003255.D
 Acq: 09 Jul 2018 20:31

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2018

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.4	48.0	144.0
145	35.5	14.8	44.3

