

Data File : VX001264.D

Acq On : 30 Apr 2018 20:30

Operator : JC/MD

Sample : J2133-10 LOQ 10.0PPB

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 13 Sample Multiplier: 1

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-04-QT2-2018

Quant Time: May 01 03:17:40 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\624X043018W.M

Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

QLast Update : Mon Apr 30 16:58:22 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.03	128	32916	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	184913	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	171490	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	72116	30.37	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	101.23%
60) 4-Bromofluorobenzene	11.14	95	83158	28.94	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	96.47%
63) Toluene-d8	8.72	98	222525	30.26	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.87%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	16456	7.63	ug/l	97
3) Chloromethane	1.32	50	18868	9.37	ug/l	98
4) Vinyl Chloride	1.40	62	19824	9.38	ug/l	100
5) Bromomethane	1.64	94	18008	11.29	ug/l	100
6) Chloroethane	1.72	64	13266	10.26	ug/l	100
7) Trichlorofluoromethane	1.93	101	35389	10.08	ug/l	100
8) Diethyl Ether	2.19	74	13514	11.09	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.39	101	20235	10.17	ug/l	94
10) 1,1-Dichloroethene	2.37	96	18386	10.20	ug/l	90
11) Methyl Iodide	2.51	142	15366	7.01	ug/l	98
12) Methyl Acetate	2.78	43	27438	11.58	ug/l	100
13) Acrolein	2.29	56	16933	11.98	ug/l	98
14) Acrylonitrile	3.15	53	56091	11.89	ug/l	100
15) Acetone	2.45	58	16199	11.04	ug/l	92
16) Carbon Disulfide	2.57	76	43903	9.15	ug/l	98
17) Allyl chloride	2.73	41	33057	10.33	ug/l	92
18) Methylene Chloride	2.86	84	21958	11.17	ug/l	96
19) trans-1,2-Dichloroethene	3.17	96	20003	10.29	ug/l	87
20) Diisopropyl ether	3.88	45	61216	9.72	ug/l	95
21) 1,1-Dichloroethane	3.70	63	34380	10.16	ug/l	98
22) cis-1,2-Dichloroethene	4.60	96	22827	10.52	ug/l	97
23) tert-Butyl Alcohol	3.08	59	26134	13.56	ug/l	# 100
24) Methyl tert-Butyl Ether	3.21	73	67285	10.88	ug/l	94
25) Chloroform	5.22	83	36904	10.02	ug/l	97
26) Cyclohexane	5.58	56	29680	9.65	ug/l	# 96
29) 1,1-Dichloropropene	5.81	75	26692	9.74	ug/l	100
30) 2-Butanone	4.71	43	78680	11.21	ug/l	97
31) 2,2-Dichloropropane	4.59	77	26387	8.82	ug/l	100
32) 1,1,1-Trichloroethane	5.51	97	31580	9.53	ug/l	97
33) Carbon Tetrachloride	5.79	117	26430	8.85	ug/l	99
34) Benzene	6.15	78	81023	9.98	ug/l	93
35) Methacrylonitrile	5.07	41	17198	11.04	ug/l	93
36) 1,2-Dichloroethane	6.20	62	31716	10.18	ug/l	99
37) Trichloroethene	7.21	130	23992	9.75	ug/l	97
38) Methylcyclohexane	7.47	83	31536	9.78	ug/l	95
39) 1,2-Dichloropropane	7.52	63	20739	10.07	ug/l	98
40) Dibromomethane	7.67	93	14531	10.03	ug/l	87

Data File : VX001264.D

Acq On : 30 Apr 2018 20:30

Operator : JC/MD

Sample : J2133-10 LOQ 10.0PPB

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 13 Sample Multiplier: 1

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-04-QT2-2018

Quant Time: May 01 03:17:40 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\624X043018W.M

Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

QLast Update : Mon Apr 30 16:58:22 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.90	83	24933	9.11	ug/l	99
42) Vinyl Acetate	3.83	43	262745	9.52	ug/l	98
43) Ethyl Acetate	4.87	43	29720	10.99	ug/l #	91
44) Isopropyl Acetate	6.47	43	45599	9.91	ug/l	99
45) 1,4-Dioxane	7.76	88	10507	251.28	ug/l	96
46) Methyl methacrylate	7.79	41	24253	10.13	ug/l	93
47) n-amyl Acetate	10.90	43	39063	8.85	ug/l	97
48) t-1,3-Dichloropropene	8.44	75	28137	8.74	ug/l	100
49) cis-1,3-Dichloropropene	9.05	75	24415	7.91	ug/l #	88
50) 1,1,2-Trichloroethane	9.22	97	21714	10.10	ug/l	97
51) Ethyl methacrylate	9.19	69	28827	9.41	ug/l	93
52) 1,3-Dichloropropane	9.38	76	35044	10.08	ug/l	100
53) Dibromochloromethane	9.59	129	20385	8.59	ug/l	99
54) 1,2-Dibromoethane	9.68	107	22576	9.81	ug/l	99
55) 2-Chloroethyl vinyl ether	8.32	63	69854	46.53	ug/l	99
56) Bromoform	10.86	173	15823	8.14	ug/l #	97
58) 4-Methyl-2-Pentanone	8.66	43	153774	10.81	ug/l	98
59) 2-Hexanone	9.51	43	119770	10.80	ug/l	96
61) Tetrachloroethene	9.34	164	28530	10.86	ug/l	91
62) Toluene	8.79	91	91441	9.92	ug/l	99
64) Chlorobenzene	10.15	112	62576	10.06	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.23	131	21067	9.28	ug/l	98
66) Ethyl Benzene	10.26	91	101541	9.87	ug/l	97
67) m/p-Xylenes	10.37	106	79561	9.73	ug/l	98
68) o-Xylene	10.70	106	39142	9.91	ug/l	99
69) Styrene	10.72	104	62052	9.44	ug/l	99
70) Isopropylbenzene	11.02	105	104656	9.76	ug/l	98
71) 1,1,2,2-Tetrachloroethane	11.27	83	31941	10.15	ug/l	99
72) 1,2,3-Trichloropropane	11.30	75	33619	11.94	ug/l	83
73) Bromobenzene	11.26	156	30587	9.81	ug/l	95
74) n-propylbenzene	11.37	91	116789	9.64	ug/l	98
75) 2-Chlorotoluene	11.43	91	71348	9.76	ug/l	98
76) 1,3,5-Trimethylbenzene	11.51	105	87823	9.61	ug/l	67
77) t-1,4-Dichloro-2-butene	11.08	75	6058	7.23	ug/l	71
78) 4-Chlorotoluene	11.52	91	82259	9.43	ug/l	98
79) tert-butylbenzene	12.07	119	93659	9.58	ug/l	95
80) 1,2,4-Trimethylbenzene	11.81	105	89477	9.62	ug/l	100
81) sec-Butylbenzene	11.95	105	104977	9.89	ug/l	99
82) p-Isopropyltoluene	12.07	119	93659	9.58	ug/l	100
83) 1,3-Dichlorobenzene	12.03	146	54336	9.56	ug/l	98
84) 1,4-Dichlorobenzene	12.10	146	55358	9.55	ug/l	98
85) n-Butylbenzene	12.40	91	76386	9.03	ug/l	98
86) Hexachloroethane	12.60	117	12119	8.11	ug/l	67
87) 1,2-Dichlorobenzene	12.40	146	55146	9.76	ug/l	97
88) 1,2-Dibromo-3-Chloropropan	13.01	75	6073	9.24	ug/l	96
89) 1,2,4-Trichlorobenzene	13.65	180	41826	9.77	ug/l	97
90) Hexachlorobutadiene	13.79	225	22109	11.12	ug/l	98
91) Naphthalene	13.84	128	115105	10.36	ug/l	99
92) 1,2,3-Trichlorobenzene	14.02	180	43183	10.22	ug/l	98

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX043018\
Quantitation Report (Not Reviewed)

Data File : VX001264.D
Acq On : 30 Apr 2018 20:30
Operator : JC/MD
Sample : J2133-10 LOQ 10.0PPB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-04-QT2-2018

Quant Time: May 01 03:17:40 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\624X043018W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Apr 30 16:58:22 2018
Response via : Initial Calibration

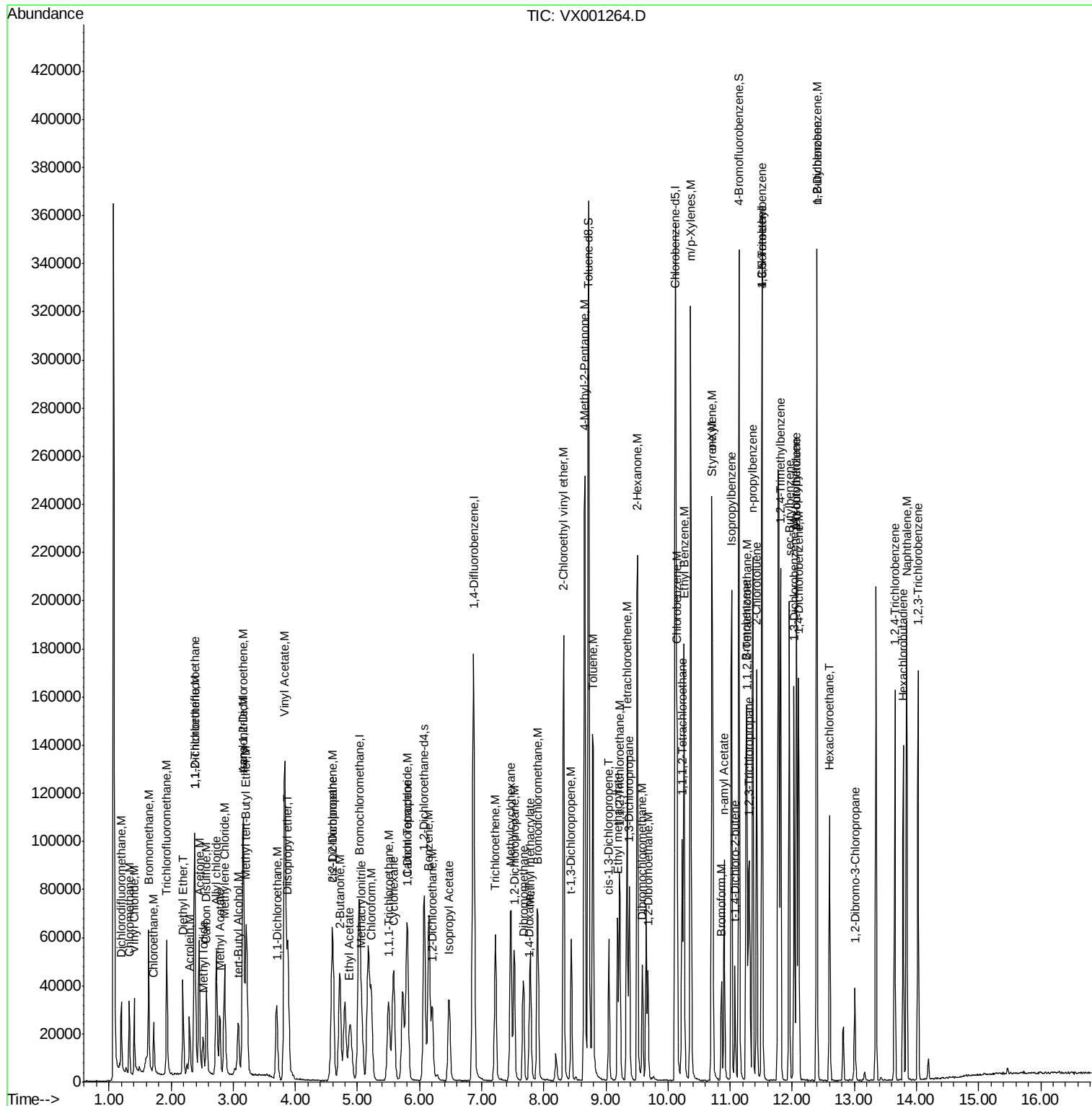
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
--------------------	------	------	----------	------	-------	----------

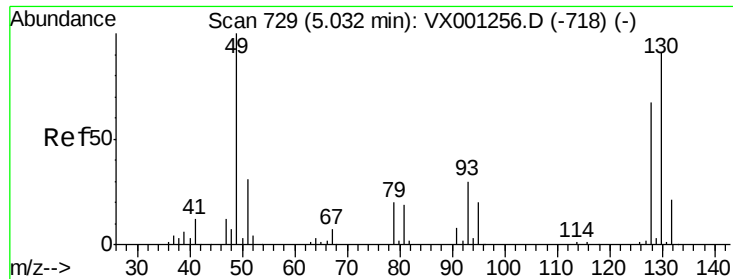
(#) = qualifier out of range (m) = manual integration (+) = signals summed

```
ALS Vial      : 13      Sample Multiplier: 1
```

LOD-MDL-WATER-04-QT2-2018

Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.00 ug/l

RT: 5.03 min Scan# 728

Delta R.T. -0.01 min

Lab File: VX001264.D

Acq: 30 Apr 2018 20:30

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-04-QT2-2018

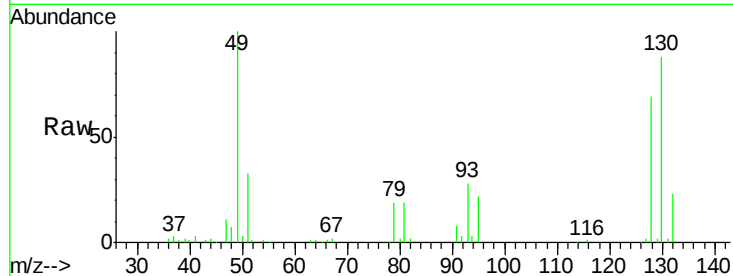
Tgt Ion:128 Resp: 32916

Ion Ratio Lower Upper

128 100

49 144.3 0.0 378.3

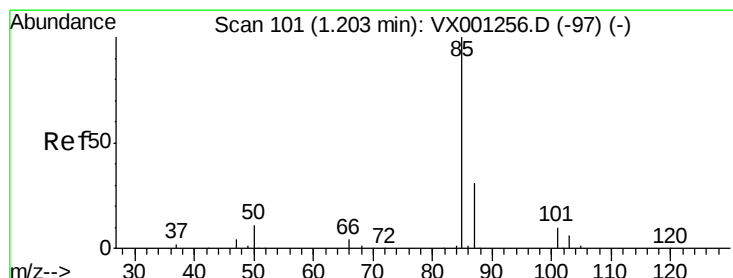
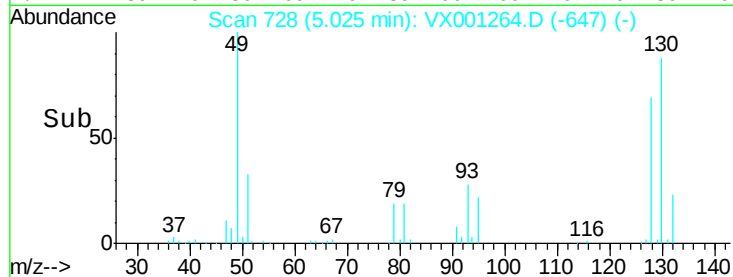
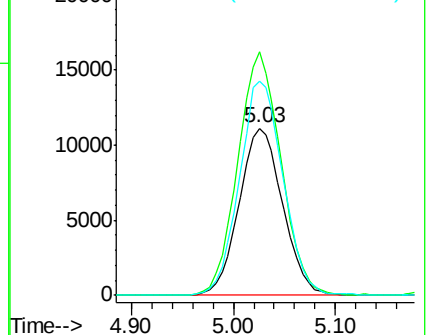
130 128.7 0.0 324.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 7.63 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX001264.D

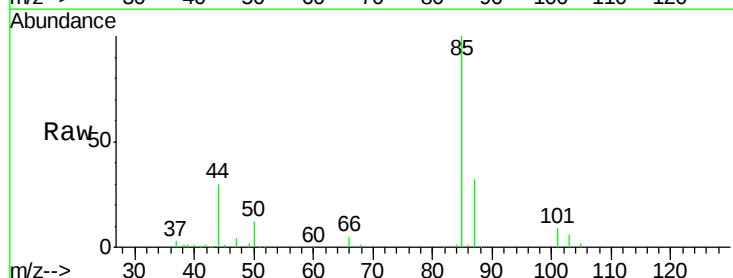
Acq: 30 Apr 2018 20:30

Tgt Ion: 85 Resp: 16456

Ion Ratio Lower Upper

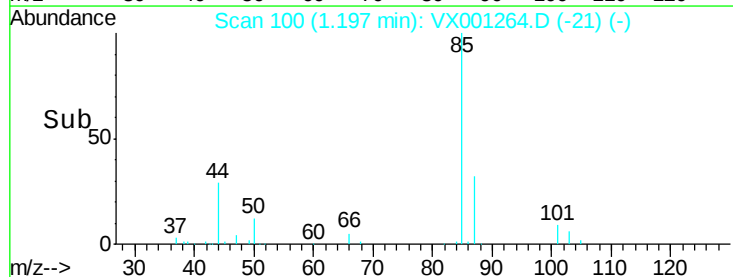
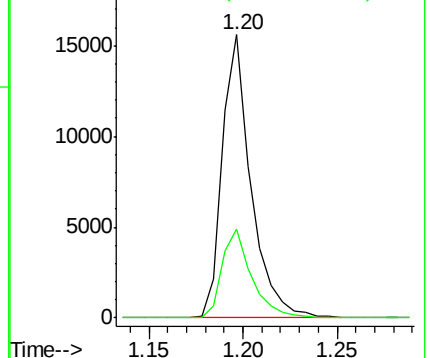
85 100

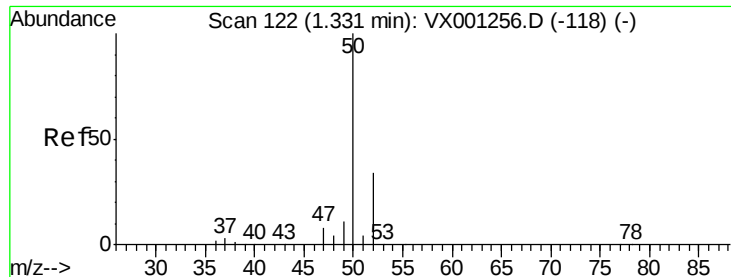
87 31.5 16.6 49.7



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

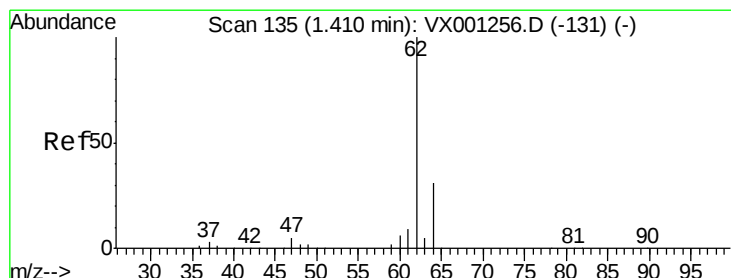
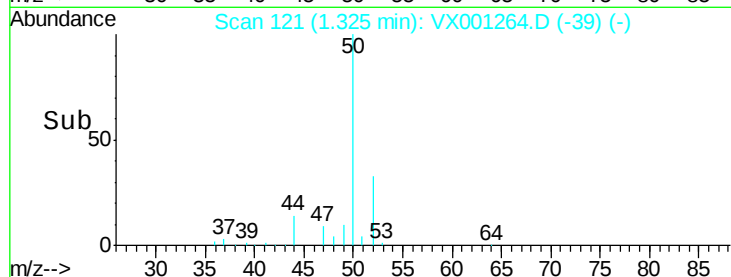
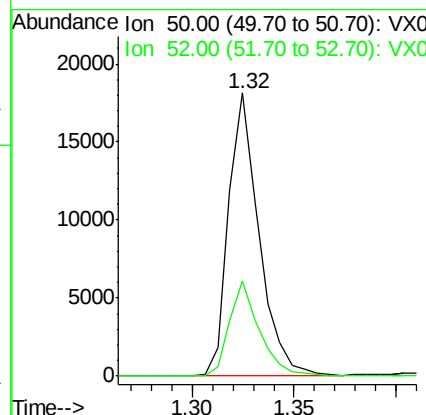
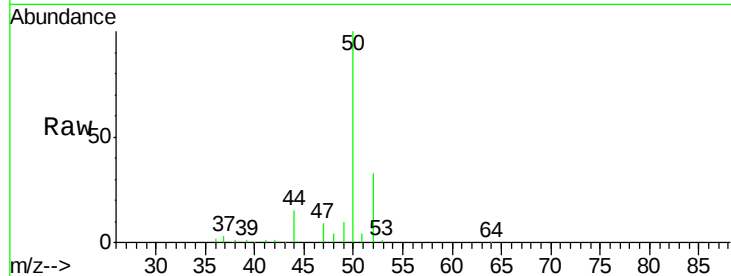




#3
Chloromethane
Concen: 9.37 ug/l
RT: 1.32 min Scan# 121
Delta R.T. -0.00 min
Lab File: VX001264.D
Acq: 30 Apr 2018 20:30

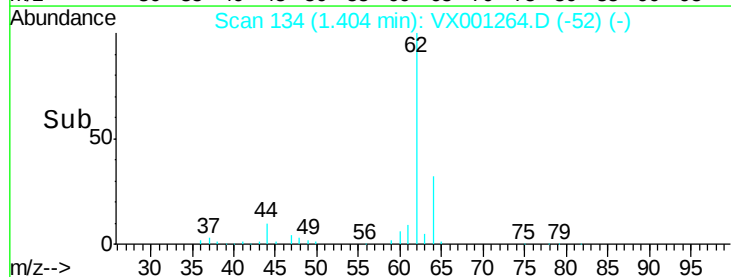
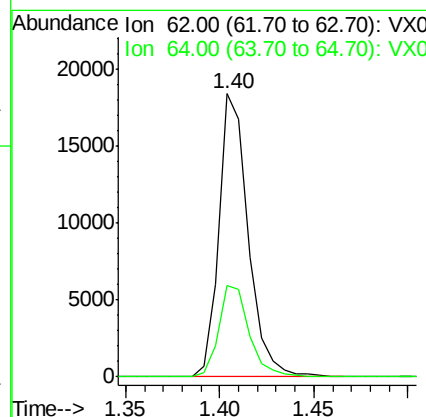
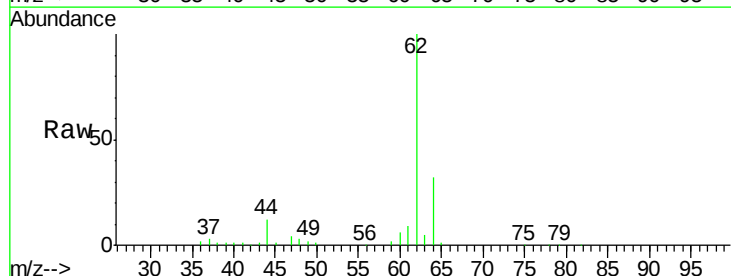
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-04-QT2-2018

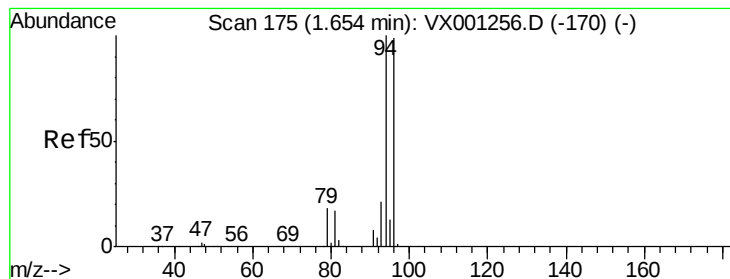
Tgt Ion: 50 Resp: 18868
Ion Ratio Lower Upper
50 100
52 33.5 27.8 41.6



#4
Vinyl Chloride
Concen: 9.38 ug/l
RT: 1.40 min Scan# 134
Delta R.T. -0.00 min
Lab File: VX001264.D
Acq: 30 Apr 2018 20:30

Tgt Ion: 62 Resp: 19824
Ion Ratio Lower Upper
62 100
64 32.4 26.0 39.0





#5

Bromomethane

Concen: 11.29 ug/l

RT: 1.64 min Scan# 172

Delta R.T. -0.00 min

Lab File: VX001264.D

Acq: 30 Apr 2018 20:30

Instrument :

MSVOA_X

ClientSampleId :

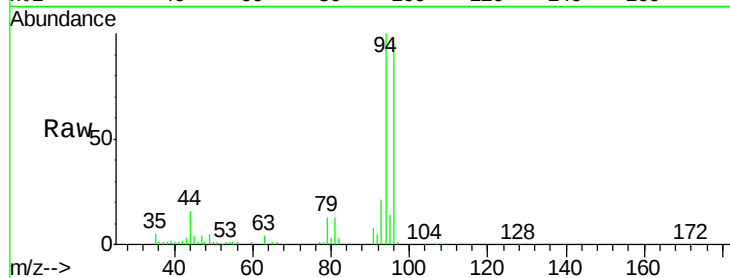
LOD-MDL-WATER-04-QT2-2018

Tgt Ion: 94 Resp: 18008

Ion Ratio Lower Upper

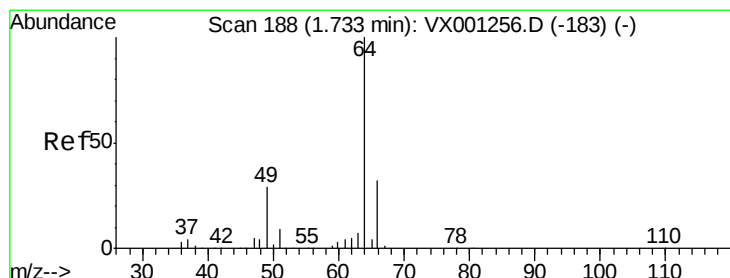
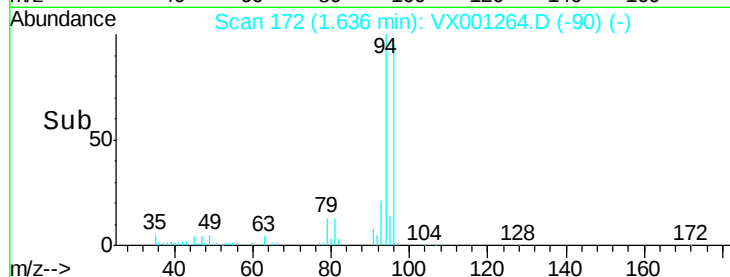
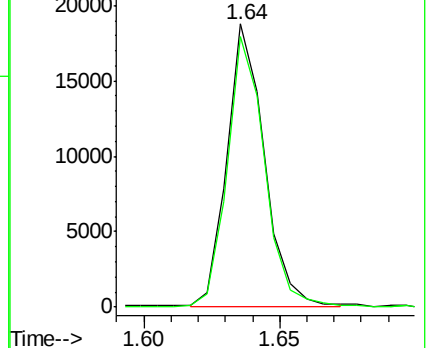
94 100

96 95.5 76.2 114.2



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 10.26 ug/l

RT: 1.72 min Scan# 186

Delta R.T. -0.00 min

Lab File: VX001264.D

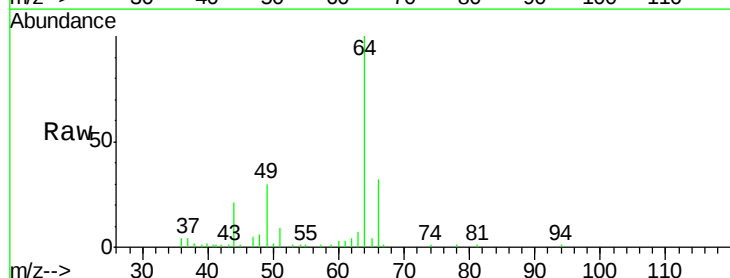
Acq: 30 Apr 2018 20:30

Tgt Ion: 64 Resp: 13266

Ion Ratio Lower Upper

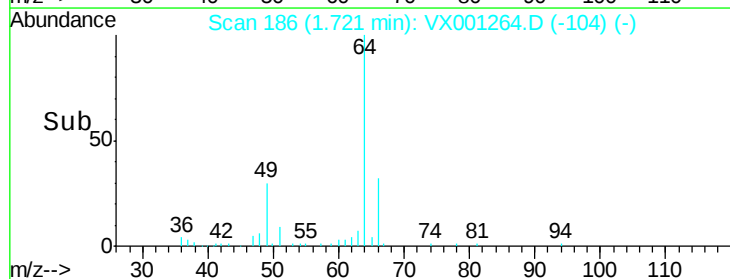
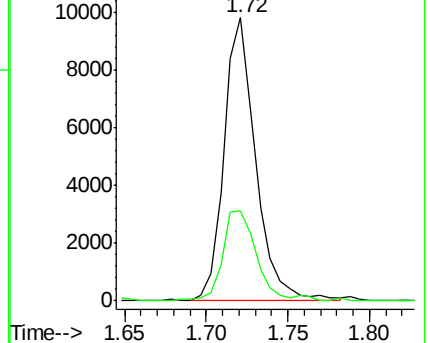
64 100

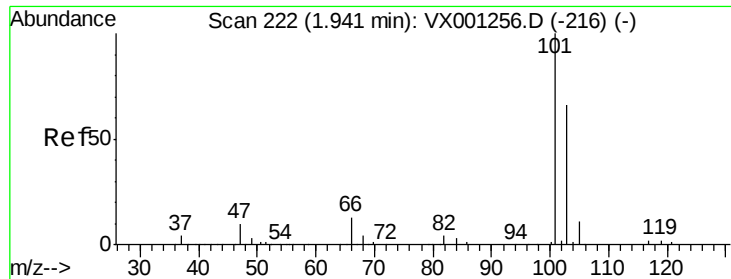
66 31.4 25.2 37.8



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0





#7

Trichlorofluoromethane

Concen: 10.08 ug/l

RT: 1.93 min Scan# 220

Delta R.T. -0.00 min

Lab File: VX001264.D

Acq: 30 Apr 2018 20:30

Instrument :

MSVOA_X

ClientSampleId :

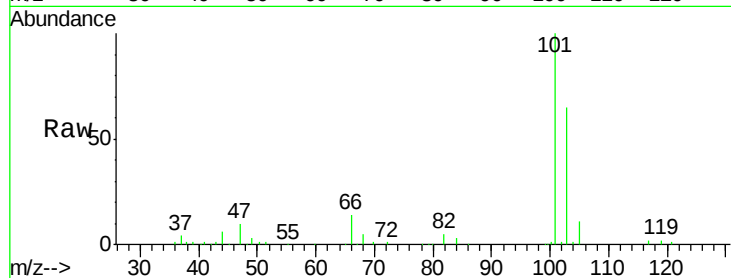
LOD-MDL-WATER-04-QT2-2018

Tgt Ion:101 Resp: 35389

Ion Ratio Lower Upper

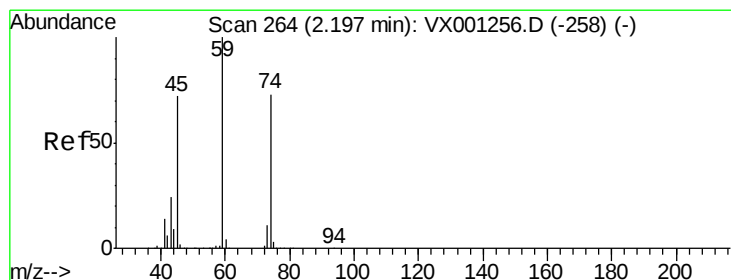
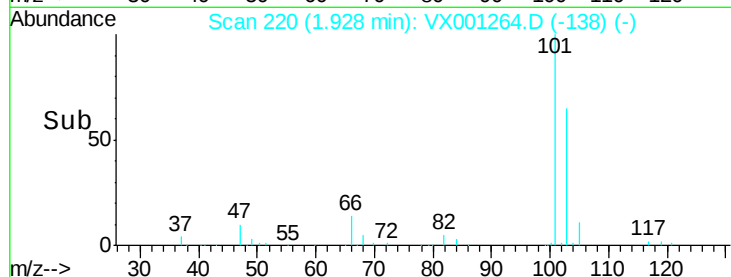
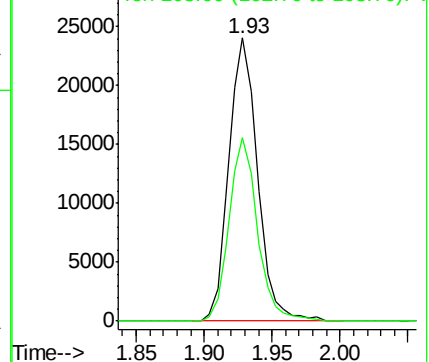
101 100

103 65.0 52.2 78.4



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#8

Diethyl Ether

Concen: 11.09 ug/l

RT: 2.19 min Scan# 263

Delta R.T. -0.00 min

Lab File: VX001264.D

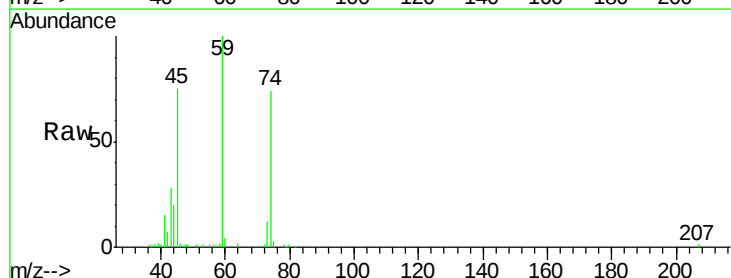
Acq: 30 Apr 2018 20:30

Tgt Ion: 74 Resp: 13514

Ion Ratio Lower Upper

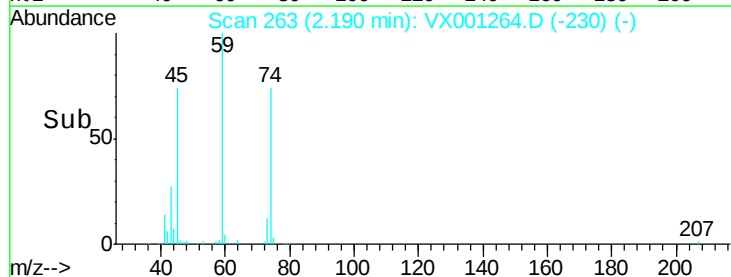
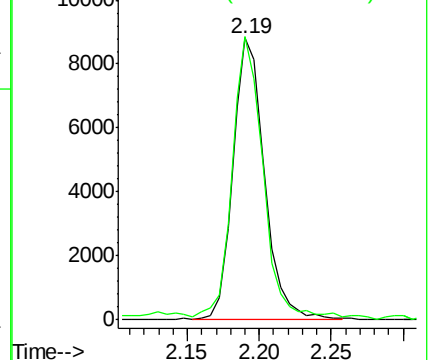
74 100

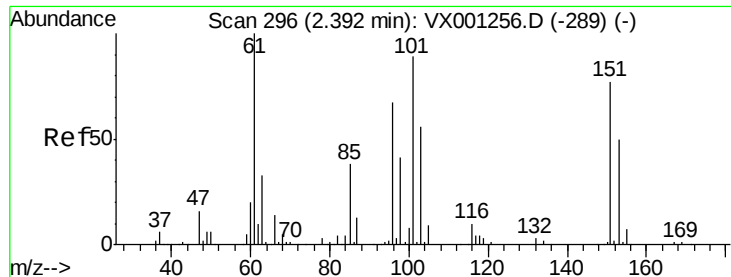
45 96.0 17.8 159.8



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: 10.17 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX001264.D

Acq: 30 Apr 2018 20:30

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-04-QT2-2018

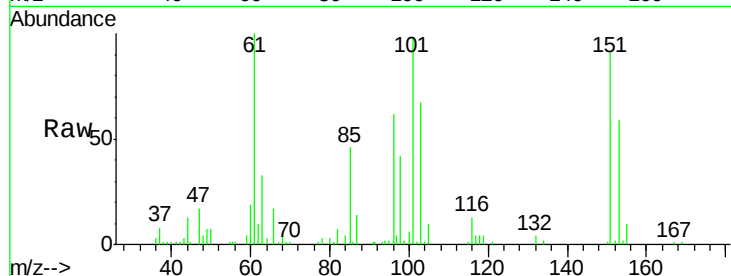
Tgt Ion: 101 Resp: 20235

Ion Ratio Lower Upper

101 100

85 43.9 0.0 90.4

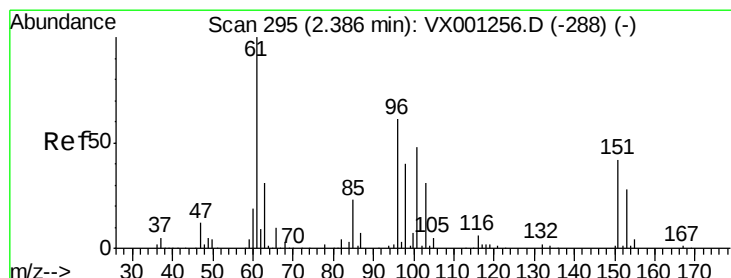
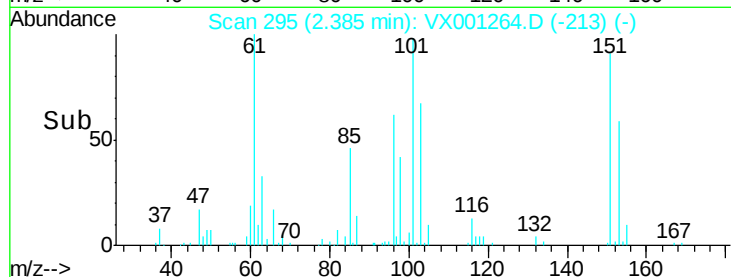
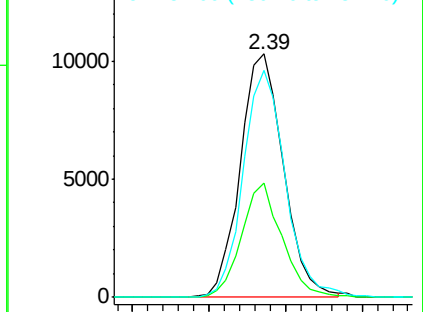
151 91.0 0.0 167.6



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 10.20 ug/l

RT: 2.37 min Scan# 293

Delta R.T. -0.01 min

Lab File: VX001264.D

Acq: 30 Apr 2018 20:30

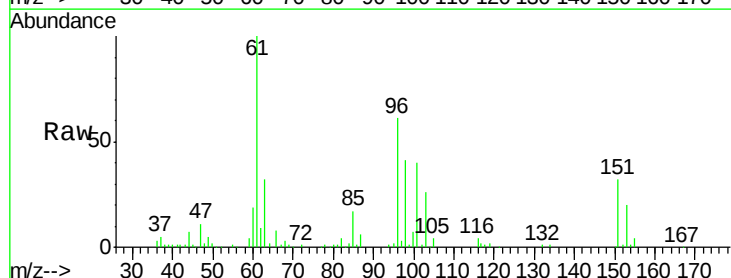
Tgt Ion: 96 Resp: 18386

Ion Ratio Lower Upper

96 100

61 164.0 118.6 178.0

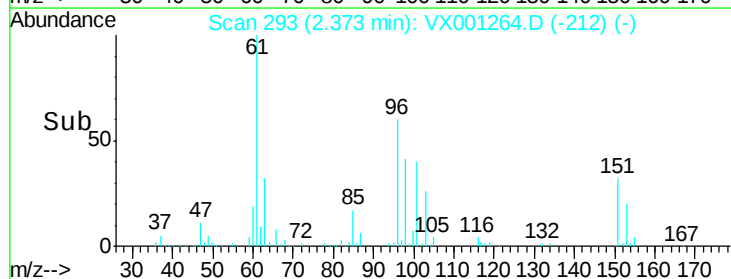
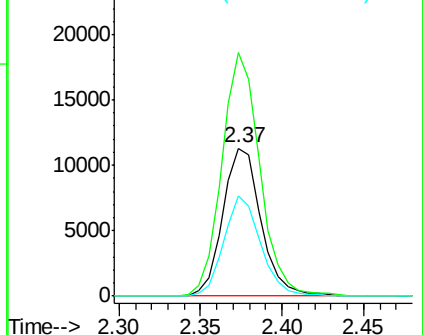
98 67.9 51.0 76.6

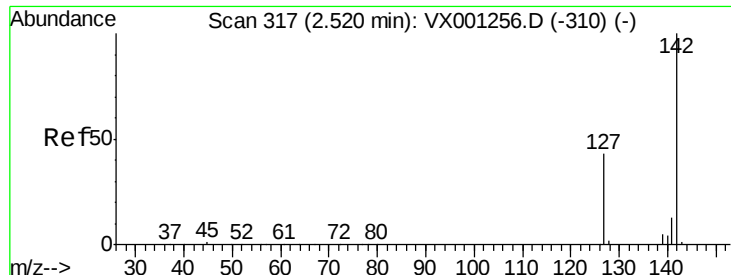


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

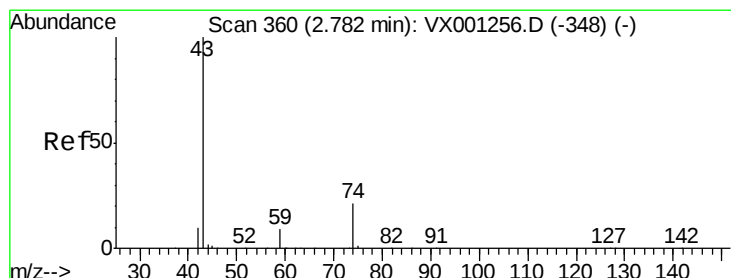
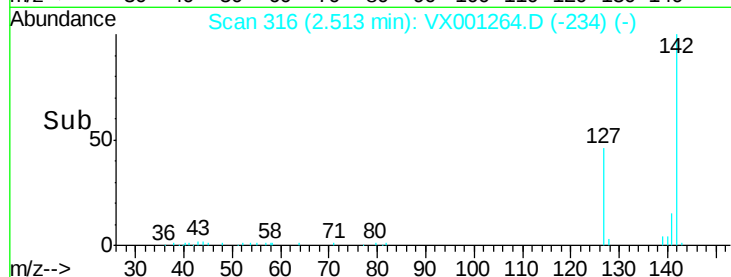
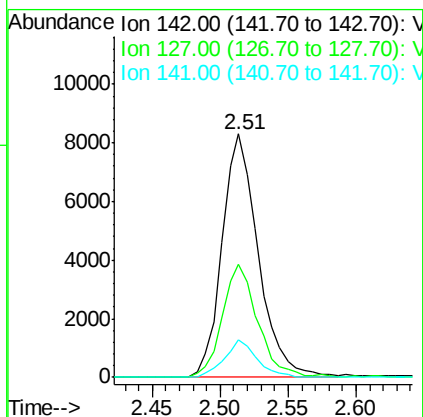
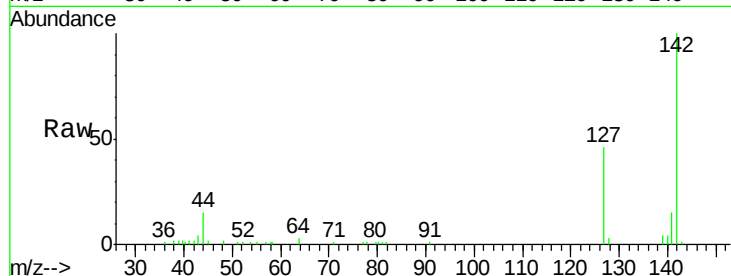




#11
Methyl Iodide
Concen: 7.01 ug/l
RT: 2.51 min Scan# 316
Delta R.T. -0.00 min
Lab File: VX001264.D
Acq: 30 Apr 2018 20:30

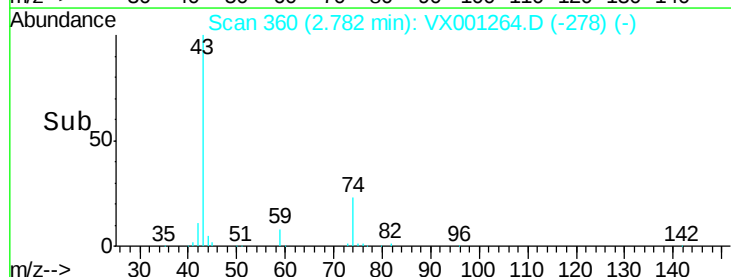
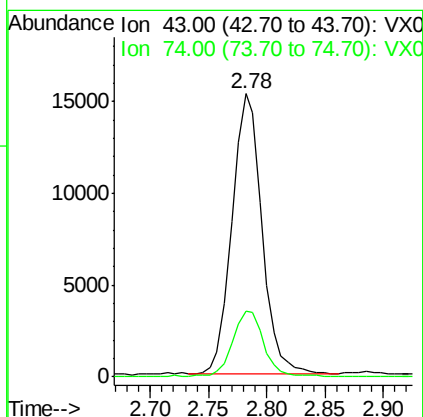
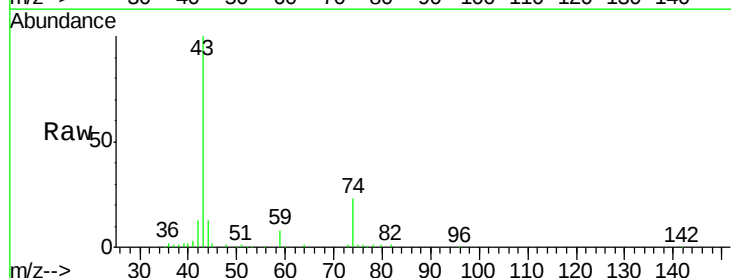
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-04-QT2-2018

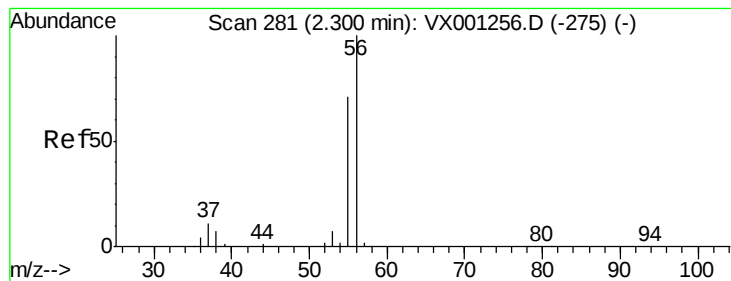
Tgt Ion: 142 Resp: 15366
Ion Ratio Lower Upper
142 100
127 46.7 23.8 71.5
141 15.1 8.2 24.4



#12
Methyl Acetate
Concen: 11.58 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX001264.D
Acq: 30 Apr 2018 20:30

Tgt Ion: 43 Resp: 27438
Ion Ratio Lower Upper
43 100
74 23.1 18.6 27.8





#13

Acrolein

Concen: 11.98 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.00 min

Lab File: VX001264.D

Acq: 30 Apr 2018 20:30

Instrument :

MSVOA_X

ClientSampleId :

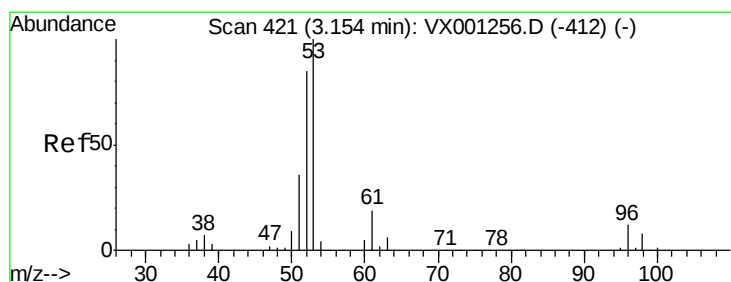
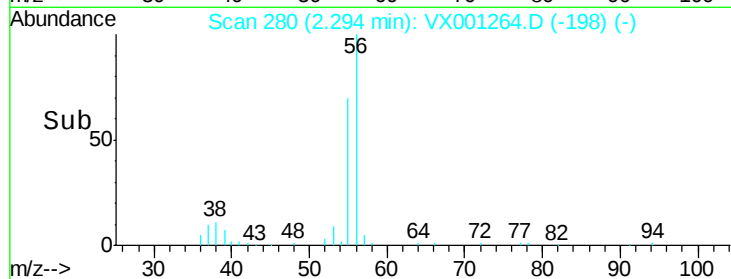
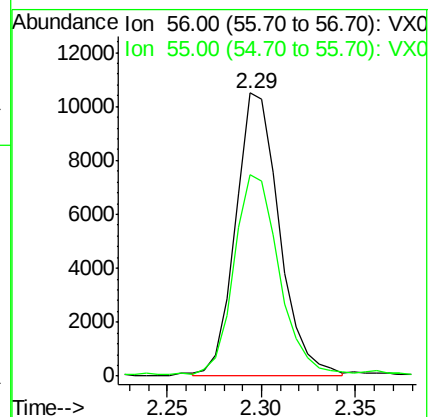
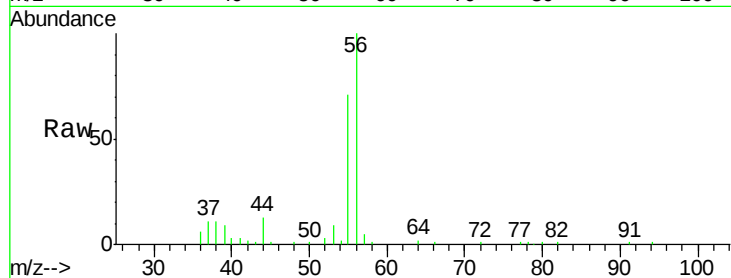
LOD-MDL-WATER-04-QT2-2018

Tgt Ion: 56 Resp: 16933

Ion Ratio Lower Upper

56 100

55 73.4 57.3 85.9



#14

Acrylonitrile

Concen: 11.89 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX001264.D

Acq: 30 Apr 2018 20:30

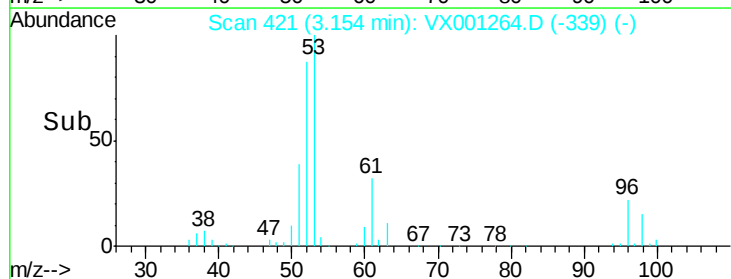
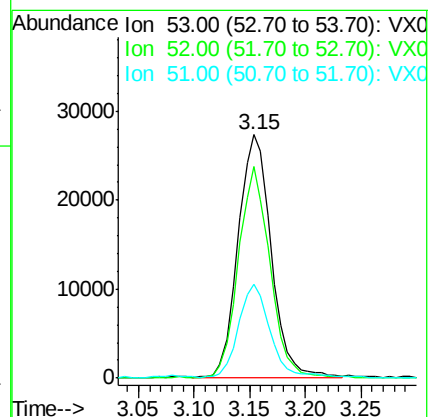
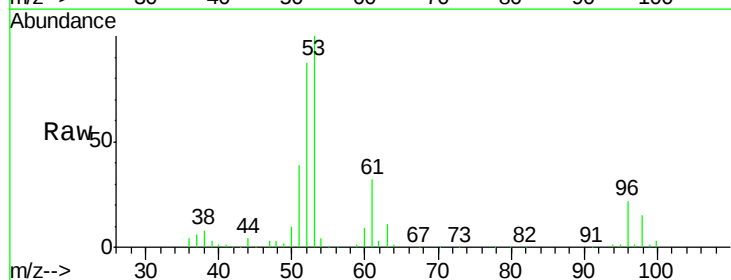
Tgt Ion: 53 Resp: 56091

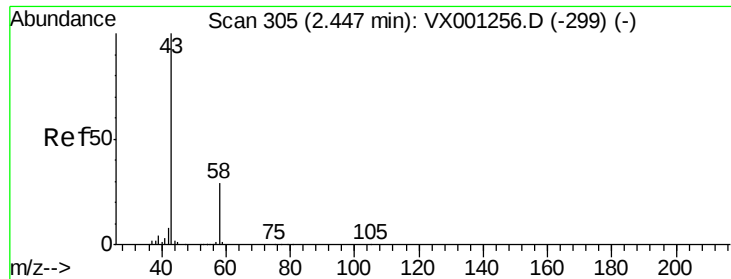
Ion Ratio Lower Upper

53 100

52 83.7 41.9 125.8

51 37.5 18.8 56.3





#15

Acetone

Concen: 11.04 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX001264.D

Acq: 30 Apr 2018 20:30

Instrument :

MSVOA_X

ClientSampleId :

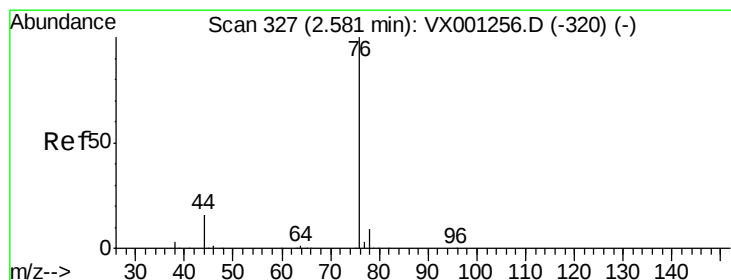
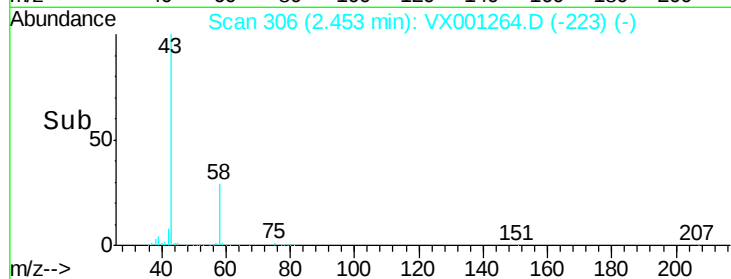
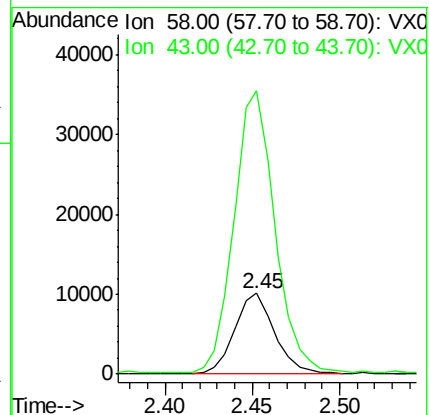
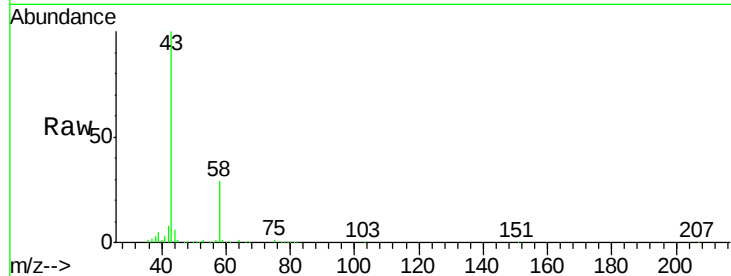
LOD-MDL-WATER-04-QT2-2018

Tgt Ion: 58 Resp: 16199

Ion Ratio Lower Upper

58 100

43 346.7 264.6 396.8



#16

Carbon Disulfide

Concen: 9.15 ug/l

RT: 2.57 min Scan# 325

Delta R.T. -0.01 min

Lab File: VX001264.D

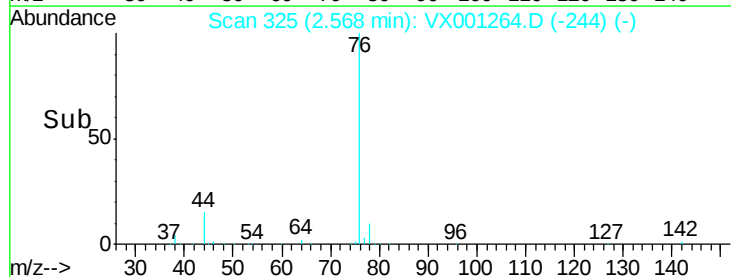
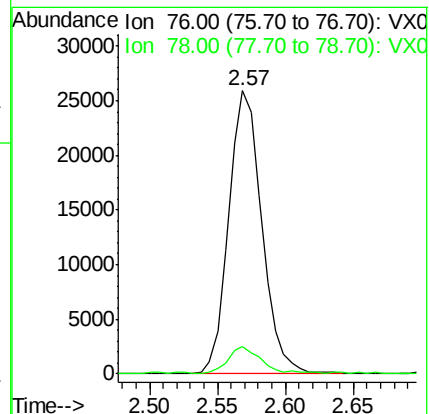
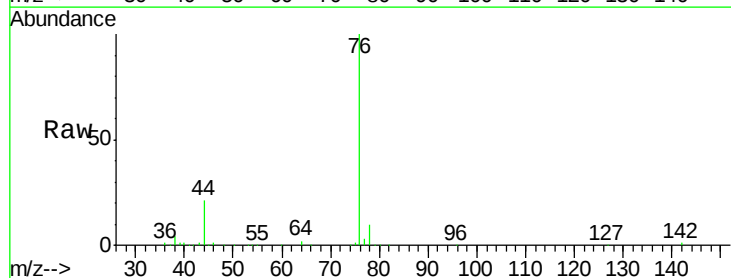
Acq: 30 Apr 2018 20:30

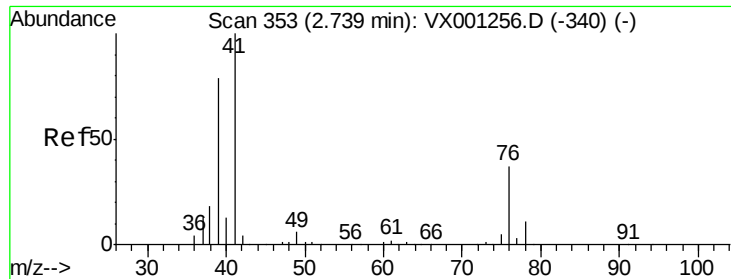
Tgt Ion: 76 Resp: 43903

Ion Ratio Lower Upper

76 100

78 9.3 6.8 10.2





#17

Allyl chloride

Concen: 10.33 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.01 min

Lab File: VX001264.D

Acq: 30 Apr 2018 20:30

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-04-QT2-2018

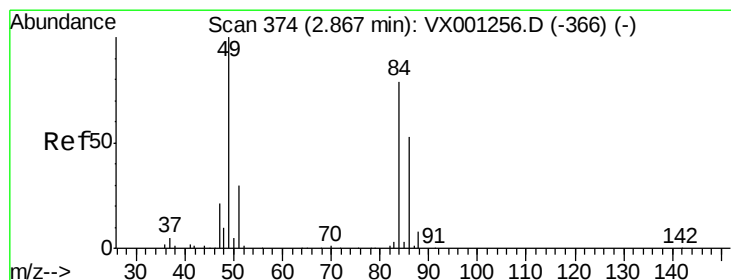
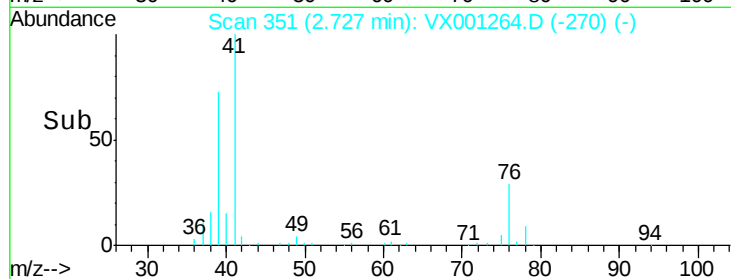
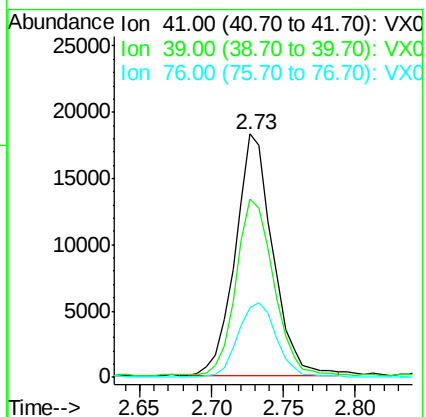
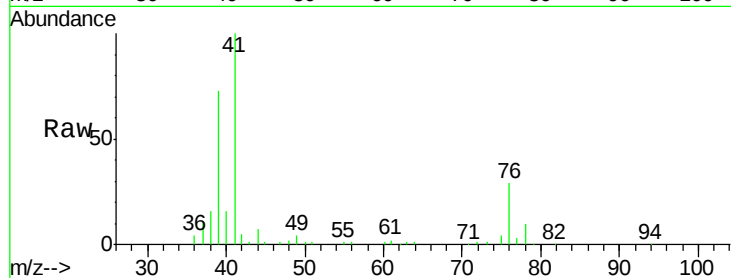
Tgt Ion: 41 Resp: 33057

Ion Ratio Lower Upper

41 100

39 72.8 38.5 115.5

76 29.0 18.7 56.1



#18

Methylene Chloride

Concen: 11.17 ug/l

RT: 2.86 min Scan# 373

Delta R.T. -0.00 min

Lab File: VX001264.D

Acq: 30 Apr 2018 20:30

Tgt Ion: 84 Resp: 21958

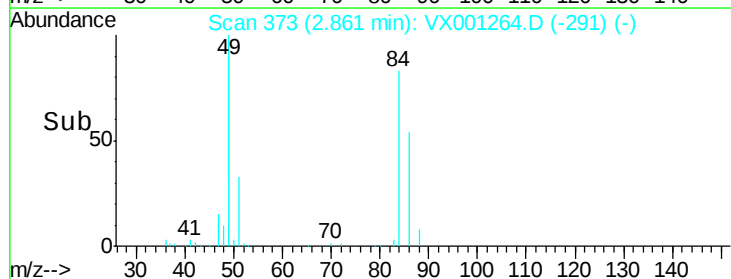
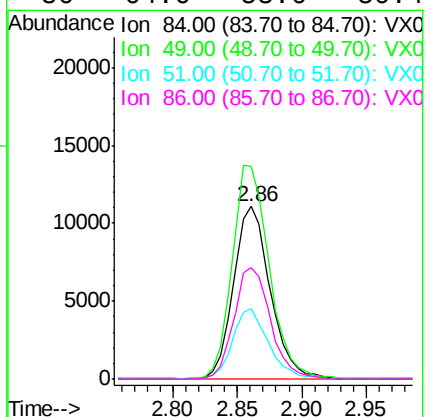
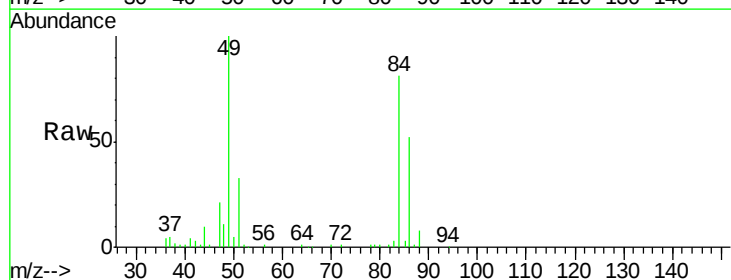
Ion Ratio Lower Upper

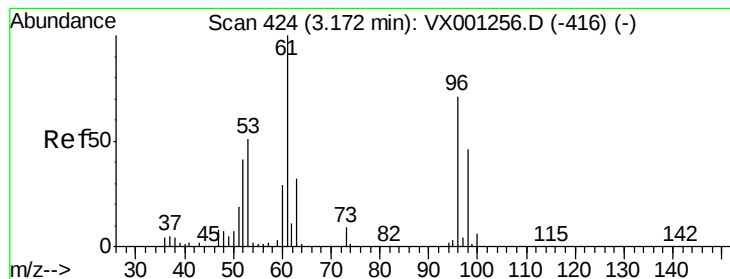
84 100

49 123.1 103.3 154.9

51 40.2 31.2 46.8

86 64.6 53.6 80.4





#19

trans-1,2-Dichloroethene

Concen: 10.29 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX001264.D

Acq: 30 Apr 2018 20:30

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-04-QT2-2018

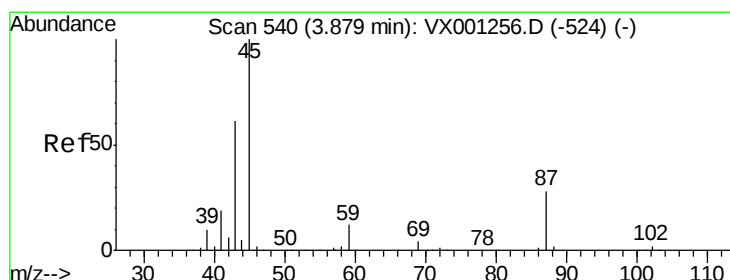
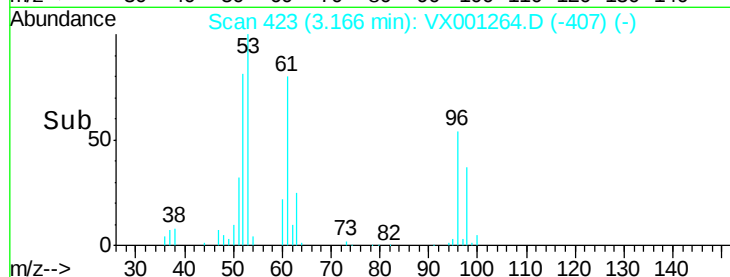
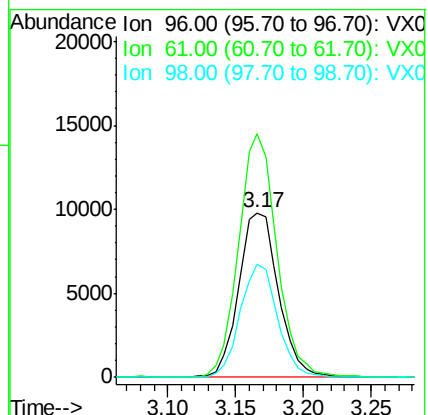
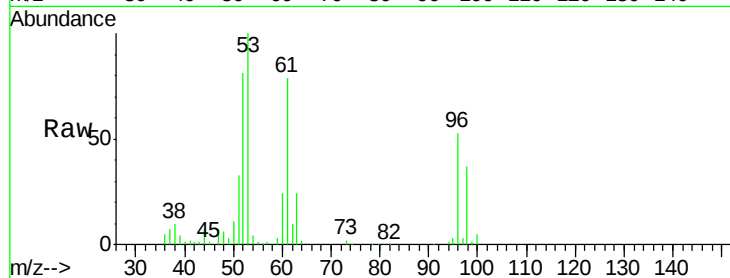
Tgt Ion: 96 Resp: 20003

Ion Ratio Lower Upper

96 100

61 148.0 101.0 151.6

98 69.1 53.3 79.9



#20

Diisopropyl ether

Concen: 9.72 ug/l

RT: 3.88 min Scan# 540

Delta R.T. -0.00 min

Lab File: VX001264.D

Acq: 30 Apr 2018 20:30

Tgt Ion: 45 Resp: 61216

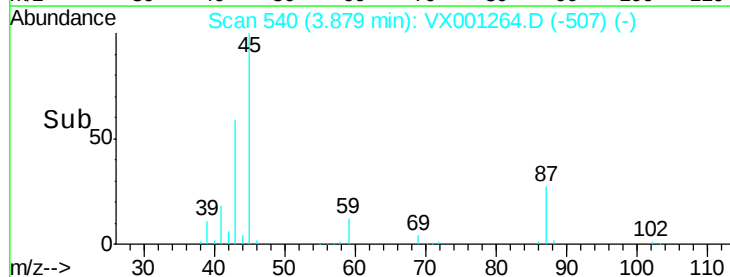
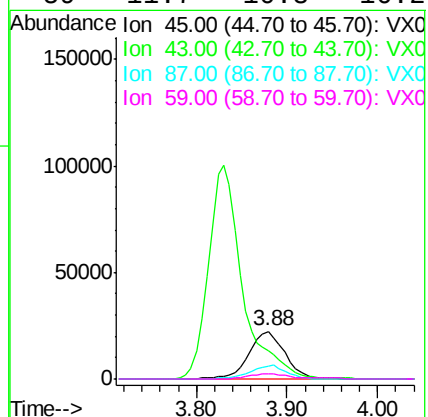
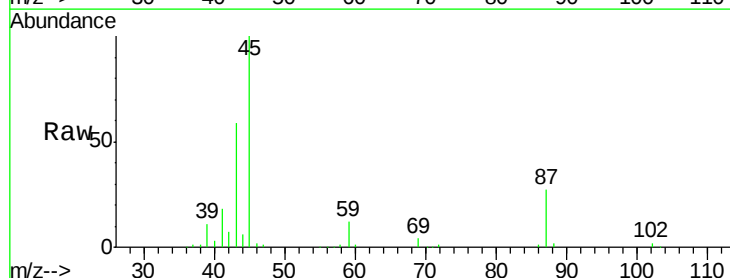
Ion Ratio Lower Upper

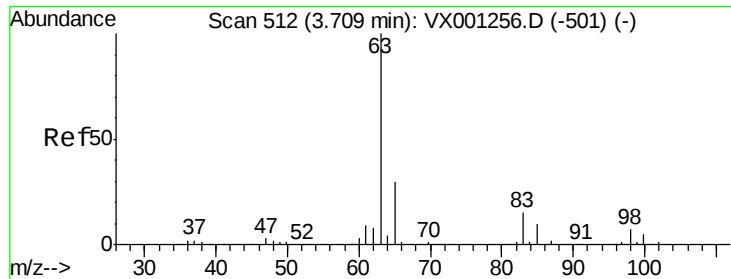
45 100

43 57.1 49.6 74.4

87 27.2 23.1 34.7

59 11.7 10.8 16.2

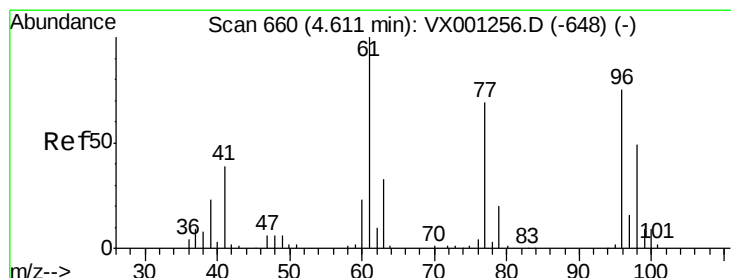
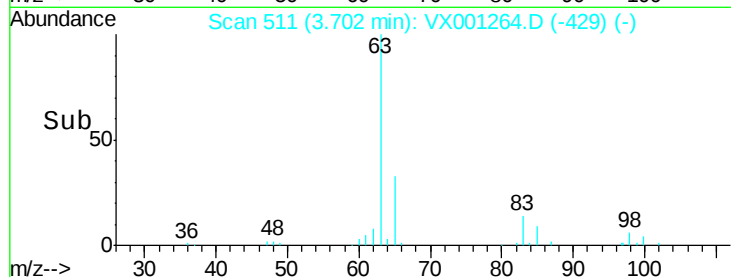
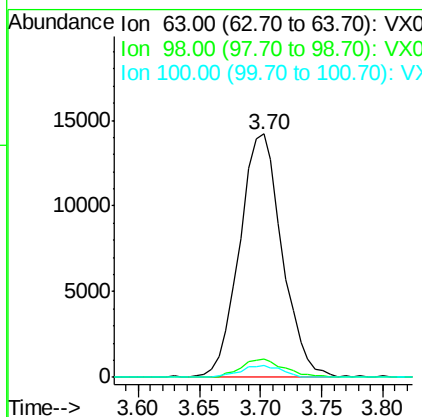
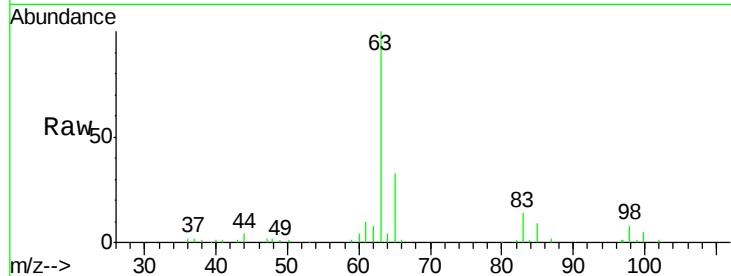




#21
1,1-Dichloroethane
Concen: 10.16 ug/l
RT: 3.70 min Scan# 511
Delta R.T. -0.00 min
Lab File: VX001264.D
Acq: 30 Apr 2018 20:30

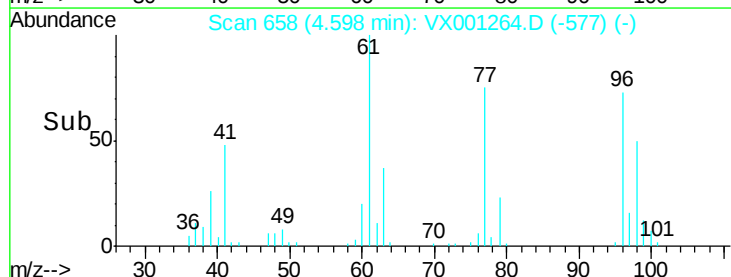
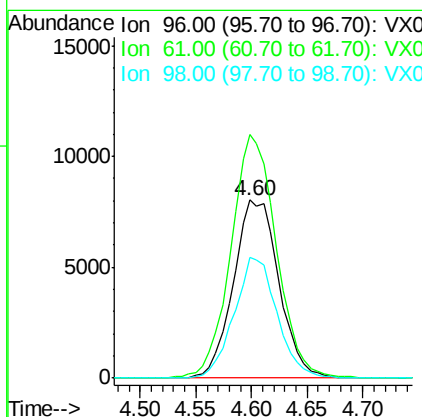
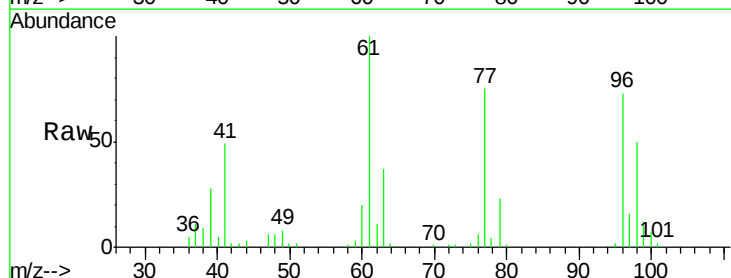
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-04-QT2-2018

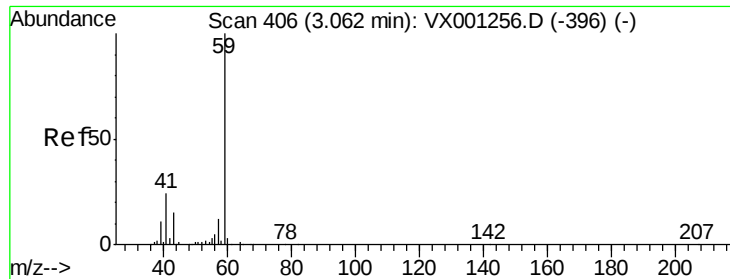
Tgt Ion: 63 Resp: 34380
Ion Ratio Lower Upper
63 100
98 7.6 3.3 9.9
100 4.8 2.1 6.5



#22
cis-1,2-Dichloroethene
Concen: 10.52 ug/l
RT: 4.60 min Scan# 658
Delta R.T. -0.01 min
Lab File: VX001264.D
Acq: 30 Apr 2018 20:30

Tgt Ion: 96 Resp: 22827
Ion Ratio Lower Upper
96 100
61 136.6 113.5 170.3
98 63.9 51.8 77.8

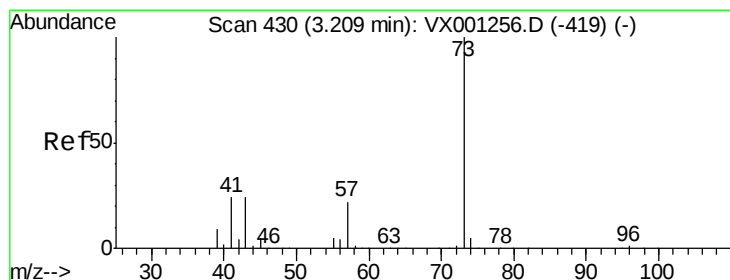
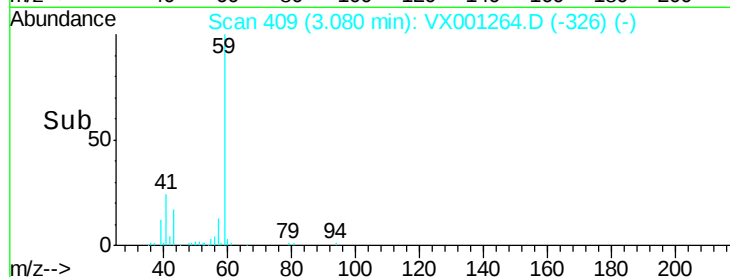
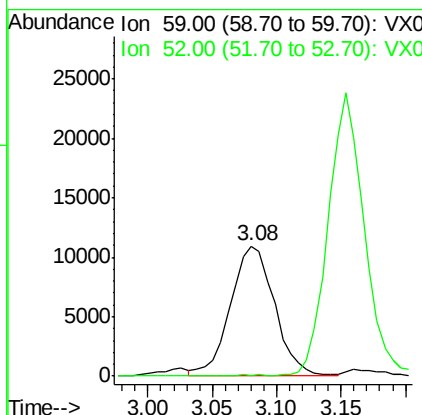
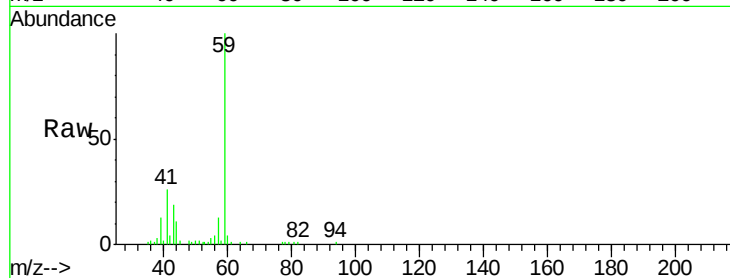




#23
 tert-Butyl Alcohol
 Concen: 13.56 ug/l
 RT: 3.08 min Scan# 409
 Delta R.T. 0.01 min
 Lab File: VX001264.D
 Acq: 30 Apr 2018 20:30

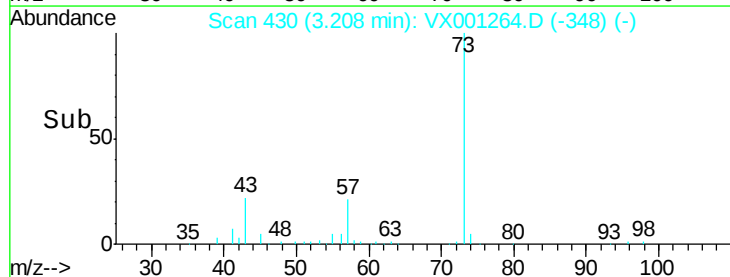
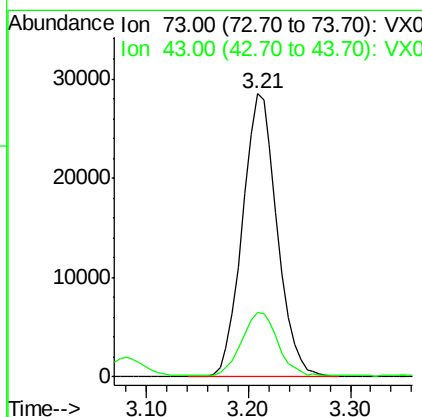
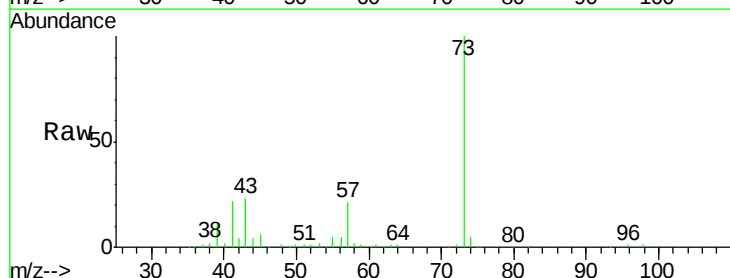
Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-04-QT2-2018

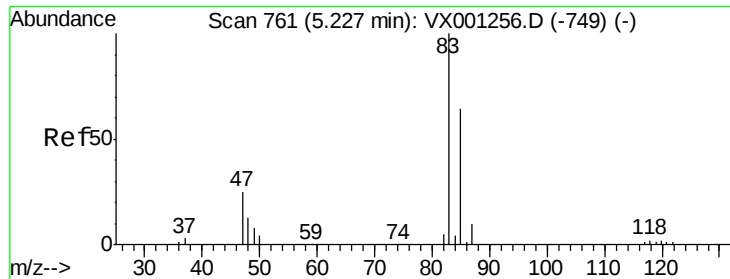
Tgt Ion: 59 Resp: 26134
 Ion Ratio Lower Upper
 59 100
 52 0.3 0.1 0.1#



#24
 Methyl tert-Butyl Ether
 Concen: 10.88 ug/l
 RT: 3.21 min Scan# 430
 Delta R.T. -0.00 min
 Lab File: VX001264.D
 Acq: 30 Apr 2018 20:30

Tgt Ion: 73 Resp: 67285
 Ion Ratio Lower Upper
 73 100
 43 23.3 16.5 24.7

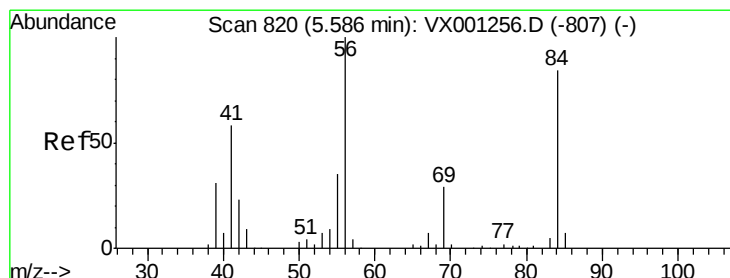
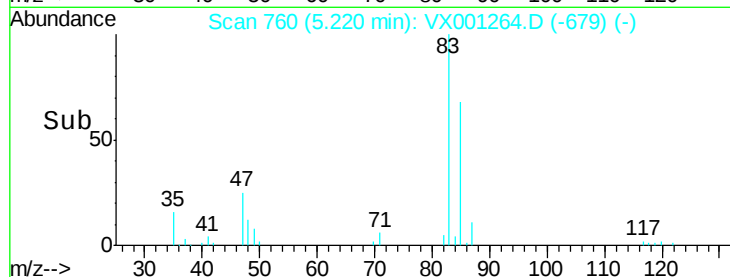
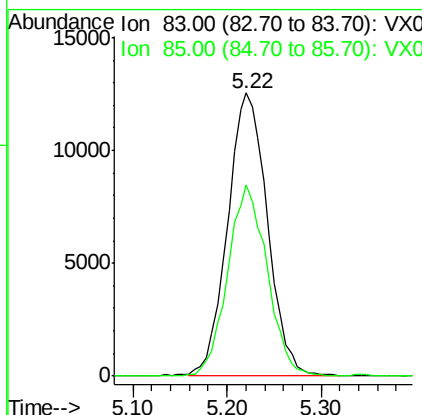
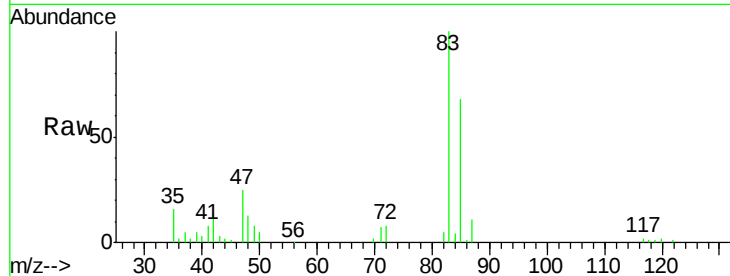




#25
Chloroform
Concen: 10.02 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.01 min
Lab File: VX001264.D
Acq: 30 Apr 2018 20:30

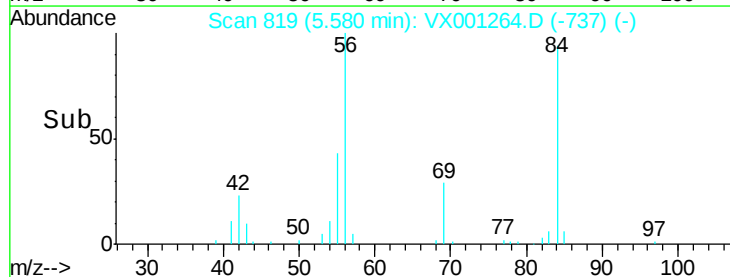
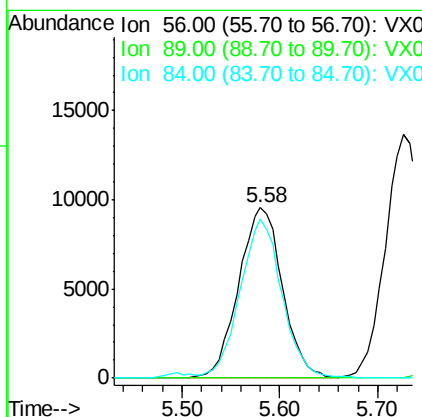
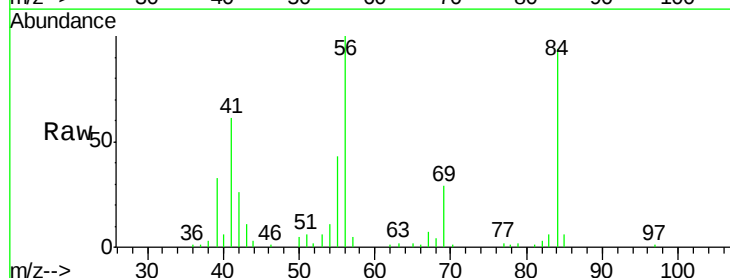
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-04-QT2-2018

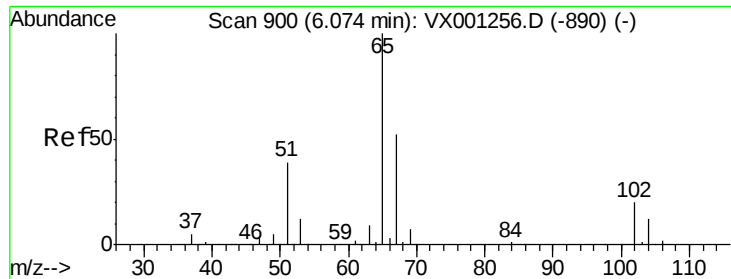
Tgt Ion: 83 Resp: 36904
Ion Ratio Lower Upper
83 100
85 67.7 52.5 78.7



#26
Cyclohexane
Concen: 9.65 ug/l
RT: 5.58 min Scan# 819
Delta R.T. -0.00 min
Lab File: VX001264.D
Acq: 30 Apr 2018 20:30

Tgt Ion: 56 Resp: 29680
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 89.3 74.8 112.2

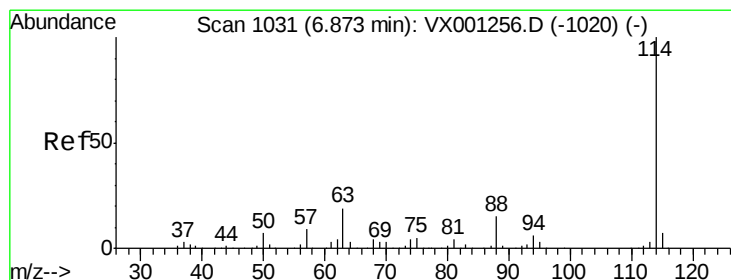
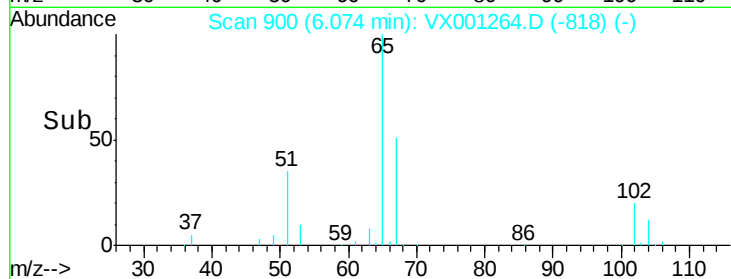
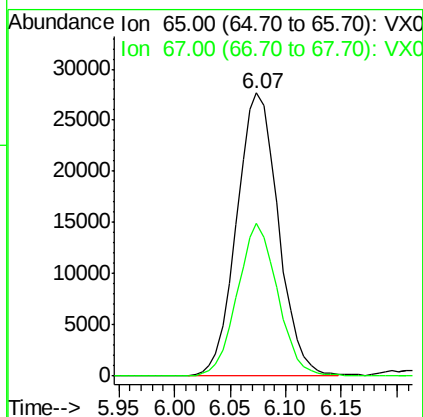
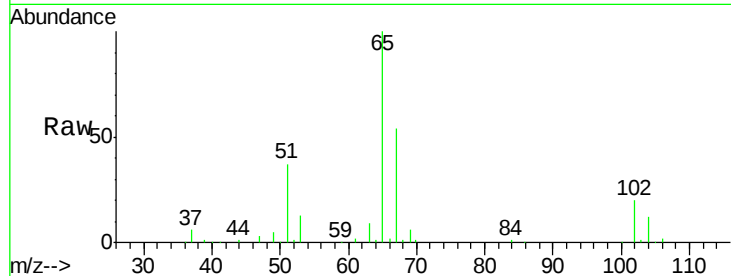




#27
 1,2-Dichloroethane-d4
 Concen: 30.37 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX001264.D
 Acq: 30 Apr 2018 20:30

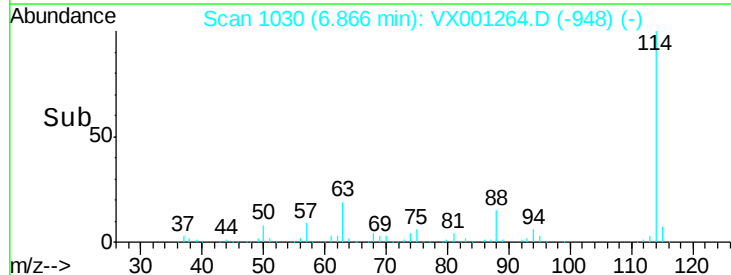
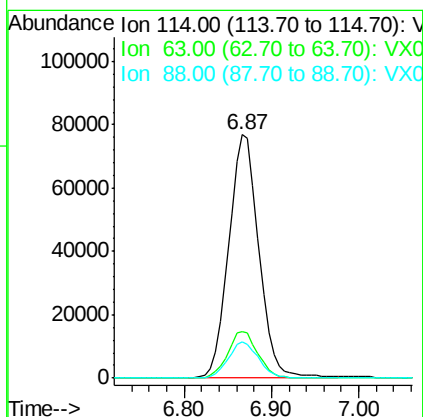
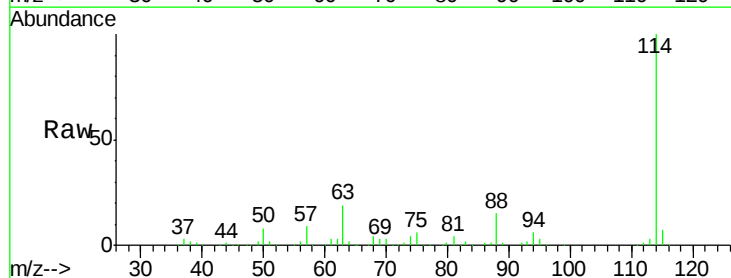
Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-04-QT2-2018

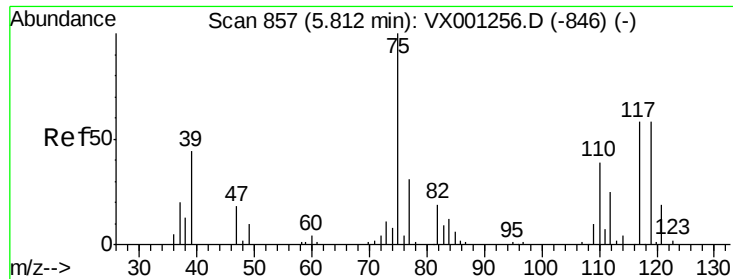
Tgt Ion: 65 Resp: 72116
 Ion Ratio Lower Upper
 65 100
 67 52.1 41.4 62.2



#28
 1,4-Difluorobenzene
 Concen: 30.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX001264.D
 Acq: 30 Apr 2018 20:30

Tgt Ion: 114 Resp: 184913
 Ion Ratio Lower Upper
 114 100
 63 19.0 15.0 22.4
 88 14.8 11.8 17.8

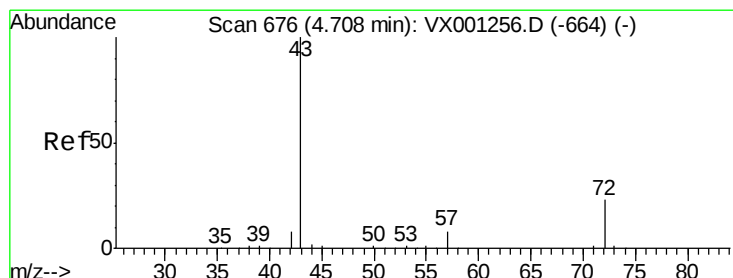
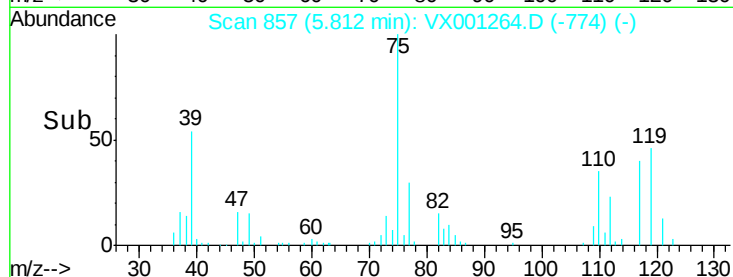
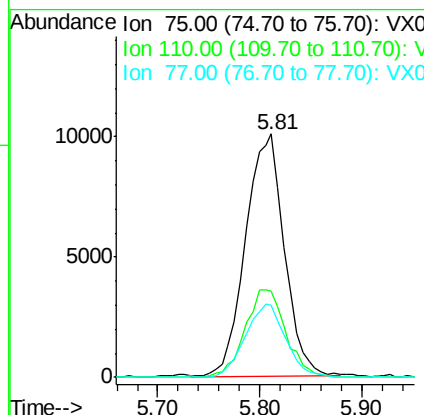
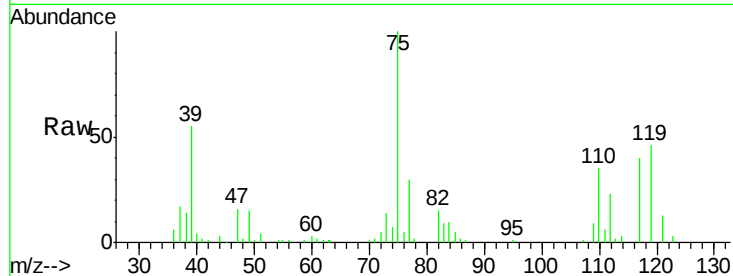




#29
 1,1-Dichloropropene
 Concen: 9.74 ug/l
 RT: 5.81 min Scan# 857
 Delta R.T. 0.01 min
 Lab File: VX001264.D
 Acq: 30 Apr 2018 20:30

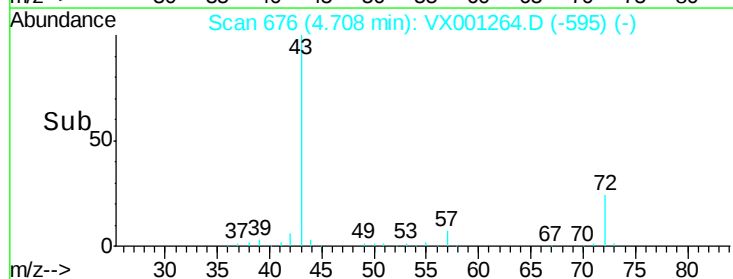
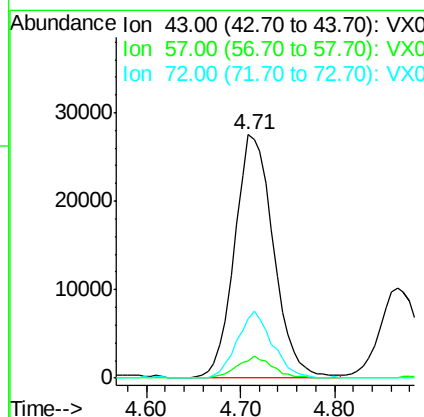
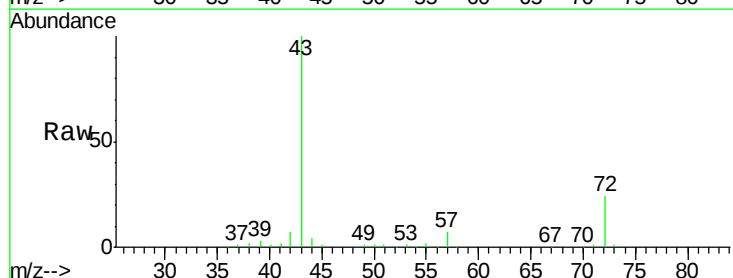
Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-04-QT2-2018

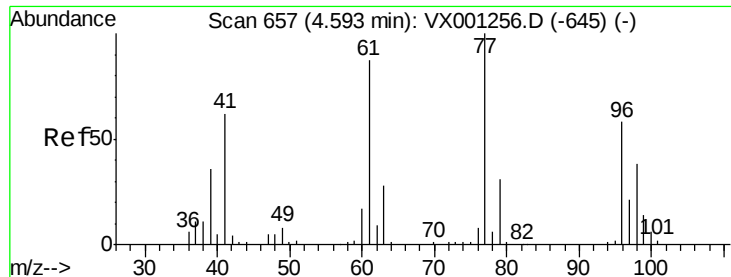
Tgt Ion: 75 Resp: 26692
 Ion Ratio Lower Upper
 75 100
 110 37.9 0.0 75.6
 77 31.5 0.0 62.6



#30
 2-Butanone
 Concen: 11.21 ug/l
 RT: 4.71 min Scan# 676
 Delta R.T. -0.01 min
 Lab File: VX001264.D
 Acq: 30 Apr 2018 20:30

Tgt Ion: 43 Resp: 78680
 Ion Ratio Lower Upper
 43 100
 57 8.1 6.6 10.0
 72 25.1 21.8 32.6

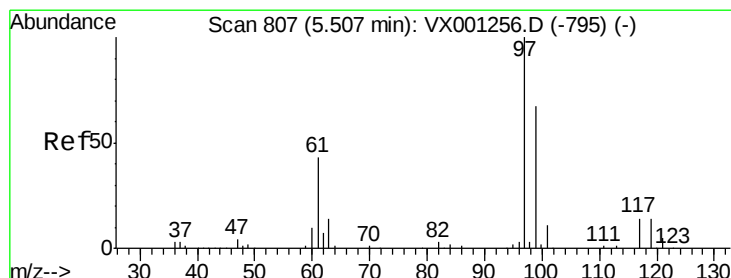
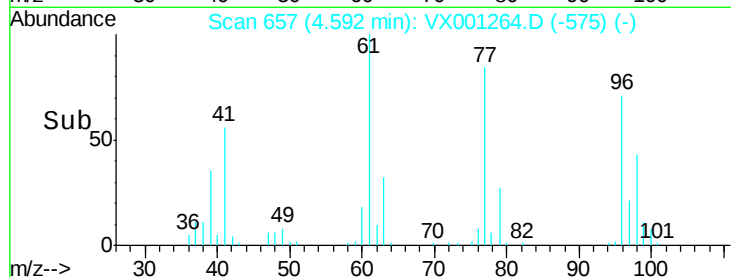
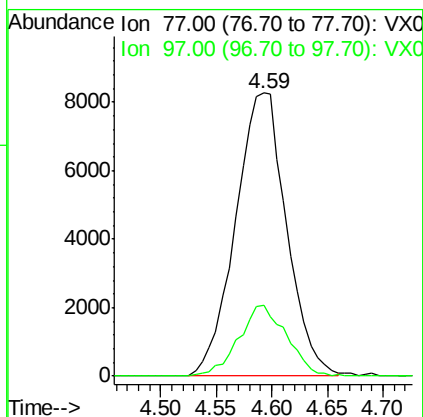
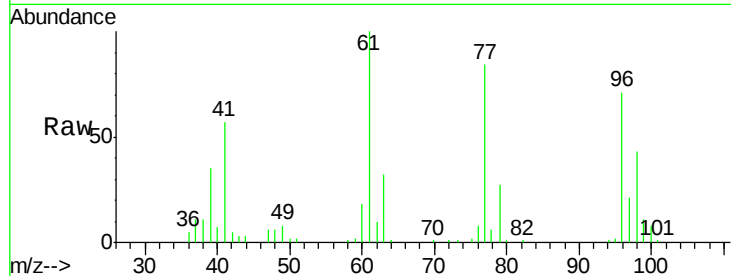




#31
 2,2-Dichloropropane
 Concen: 8.82 ug/l
 RT: 4.59 min Scan# 657
 Delta R.T. -0.00 min
 Lab File: VX001264.D
 Acq: 30 Apr 2018 20:30

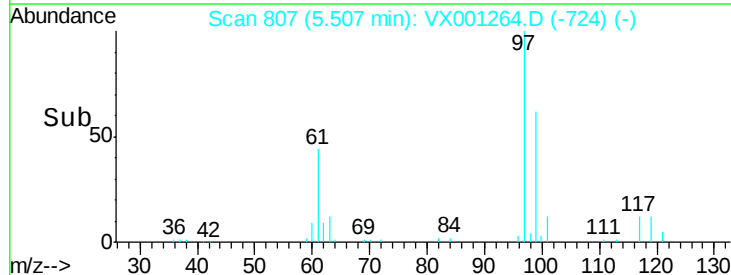
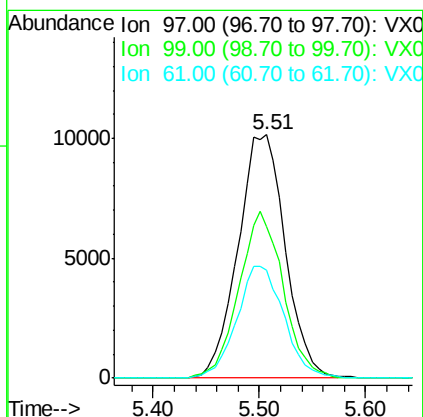
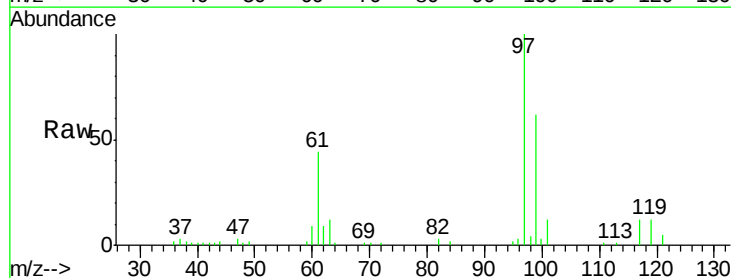
Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-04-QT2-2018

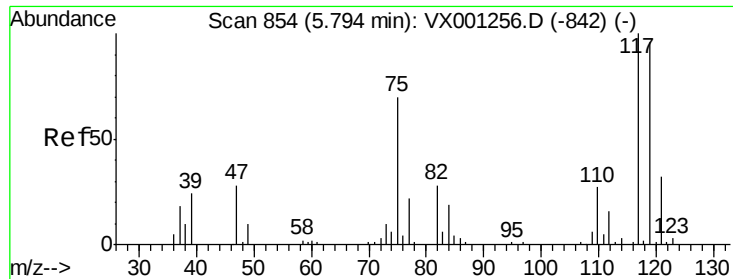
Tgt Ion: 77 Resp: 26387
 Ion Ratio Lower Upper
 77 100
 97 23.4 18.6 27.8



#32
 1,1,1-Trichloroethane
 Concen: 9.53 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.01 min
 Lab File: VX001264.D
 Acq: 30 Apr 2018 20:30

Tgt Ion: 97 Resp: 31580
 Ion Ratio Lower Upper
 97 100
 99 64.1 52.3 78.5
 61 45.6 34.3 51.5

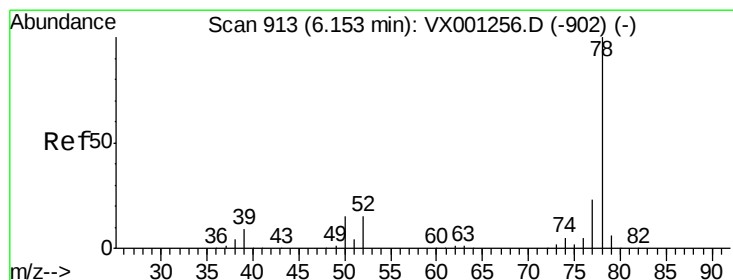
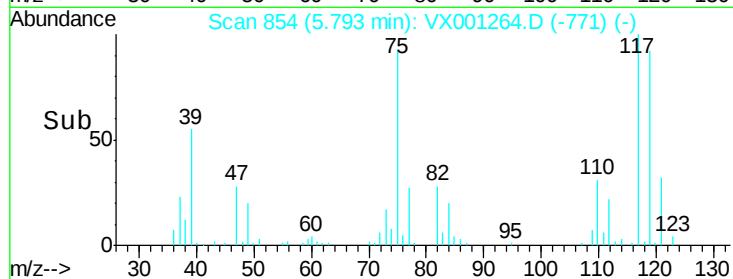
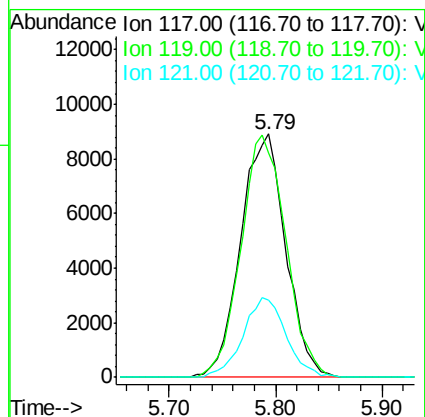
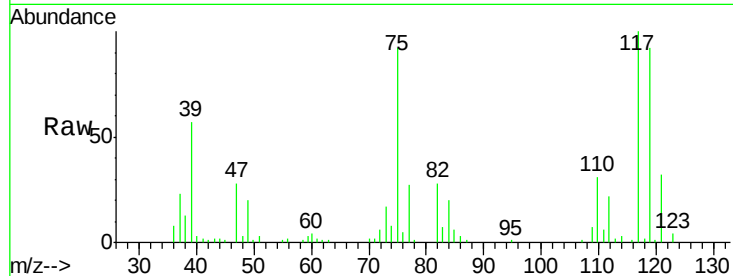




#33
Carbon Tetrachloride
Concen: 8.85 ug/l
RT: 5.79 min Scan# 854
Delta R.T. 0.01 min
Lab File: VX001264.D
Acq: 30 Apr 2018 20:30

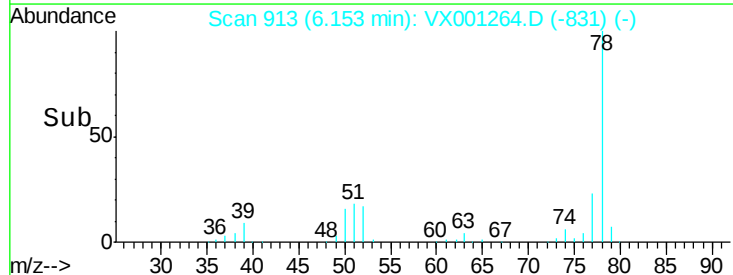
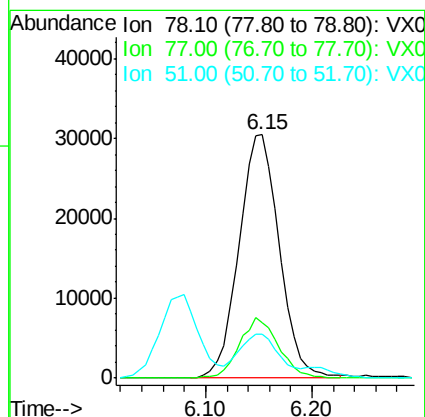
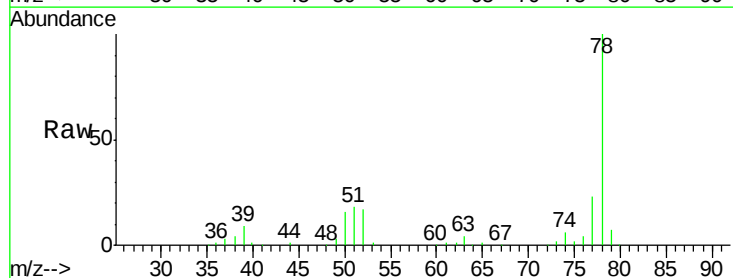
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-04-QT2-2018

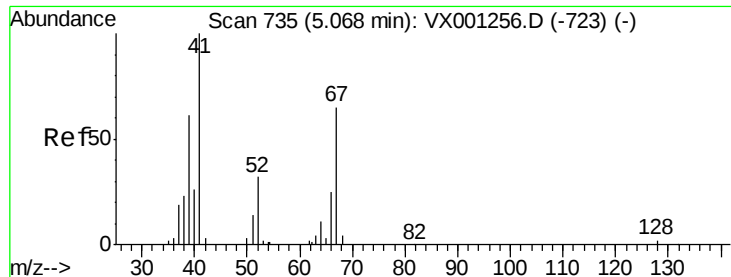
Tgt Ion:117 Resp: 26430
Ion Ratio Lower Upper
117 100
119 92.3 73.5 110.3
121 31.8 24.6 37.0



#34
Benzene
Concen: 9.98 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX001264.D
Acq: 30 Apr 2018 20:30

Tgt Ion: 78 Resp: 81023
Ion Ratio Lower Upper
78 100
77 22.6 21.7 32.5
51 16.2 14.9 22.3

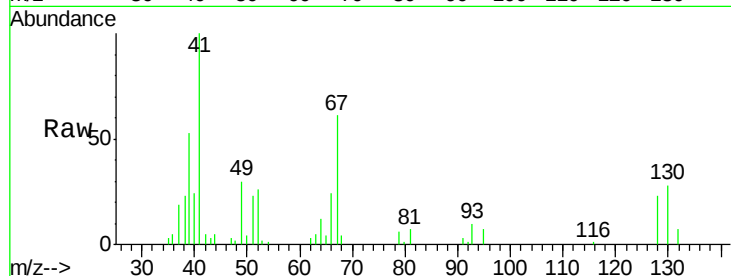




#35
Methacrylonitrile
Concen: 11.04 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.00 min
Lab File: VX001264.D
Acq: 30 Apr 2018 20:30

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-04-QT2-2018

Tgt Ion:	41	Resp:	17198
Ion	Ratio	Lower	Upper
41	100		
39	51.8	29.8	89.3
67	61.9	28.7	86.3
52	26.7	14.0	41.9



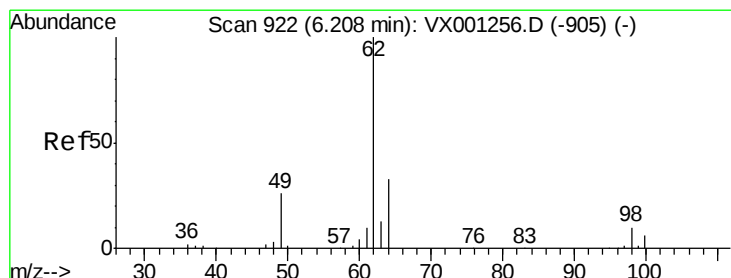
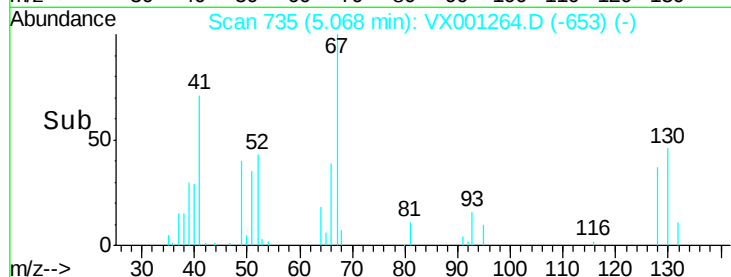
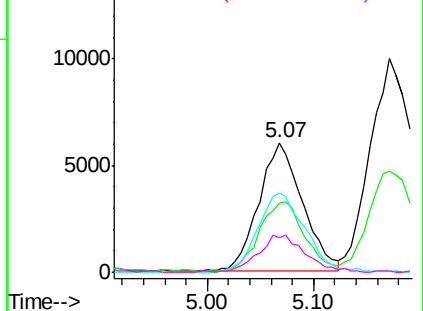
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

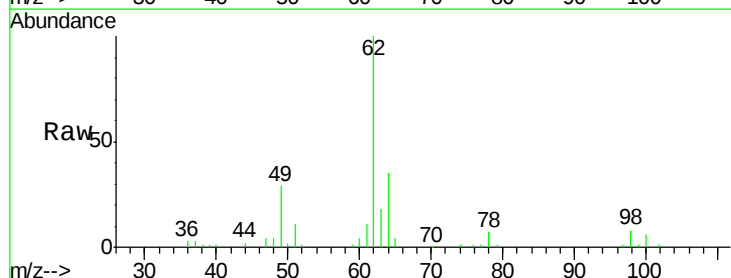
Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#36
1,2-Dichloroethane
Concen: 10.18 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX001264.D
Acq: 30 Apr 2018 20:30

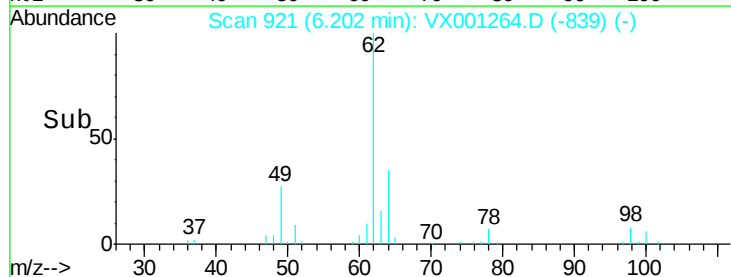
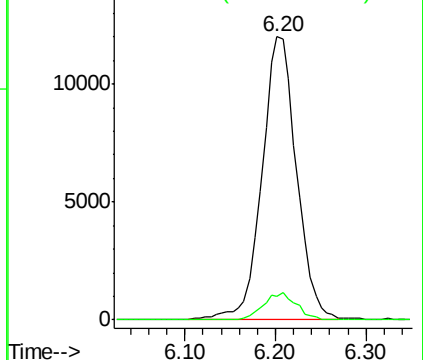
Tgt Ion:	62	Resp:	31716
Ion	Ratio	Lower	Upper
62	100		
98	9.1	6.9	10.3

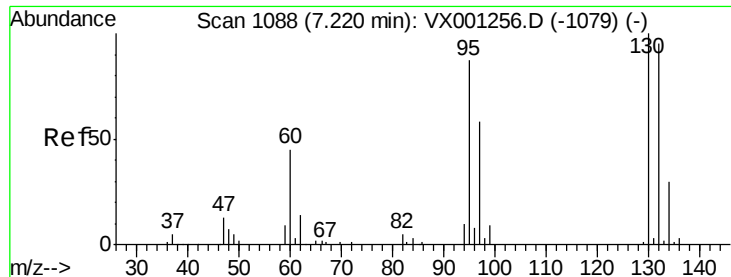


Abundance

Ion 62.00 (61.70 to 62.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

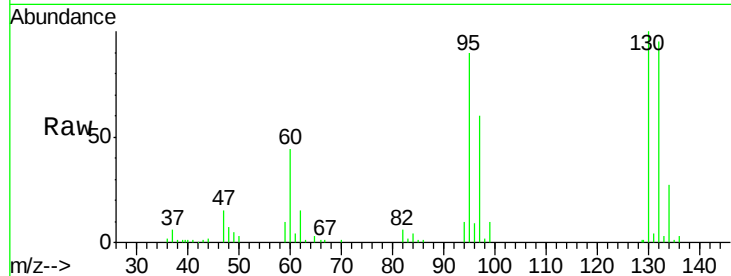




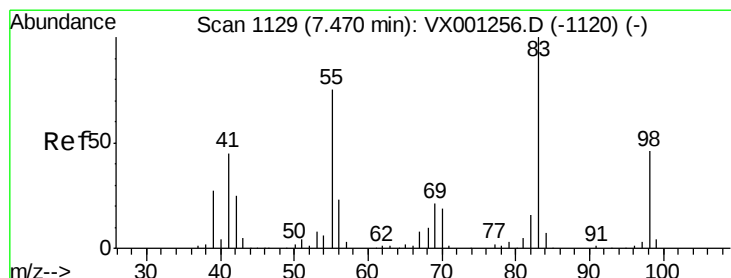
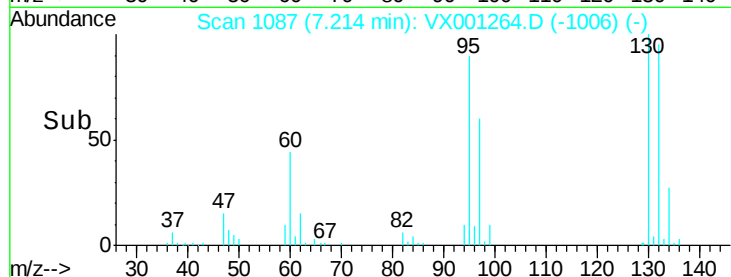
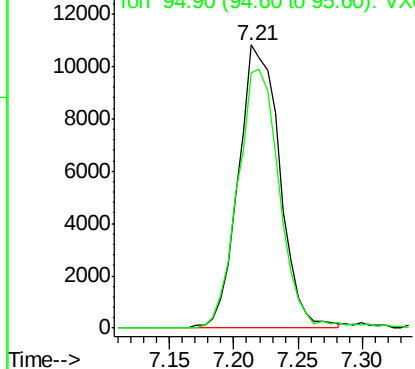
#37
 Trichloroethene
 Concen: 9.75 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. -0.01 min
 Lab File: VX001264.D
 Acq: 30 Apr 2018 20:30

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-04-QT2-2018

Tgt Ion: 130 Resp: 23992
 Ion Ratio Lower Upper
 130 100
 95 90.0 74.6 112.0

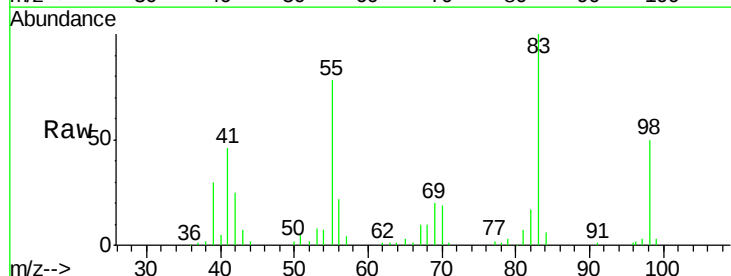


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VX0

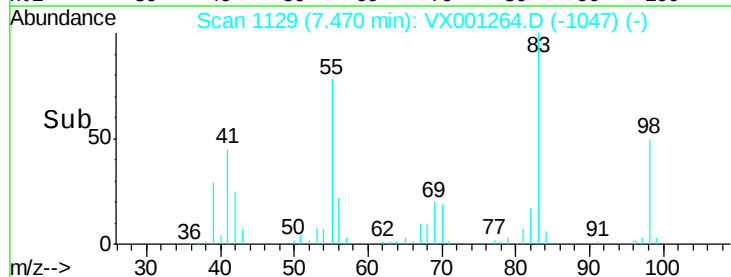
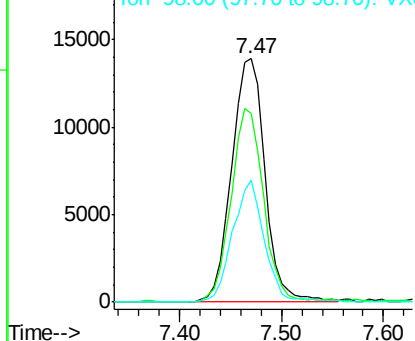


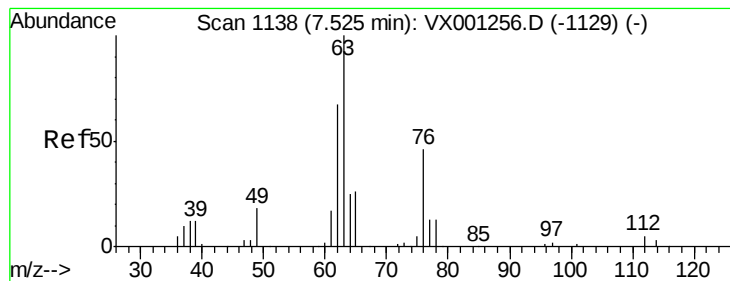
#38
 Methylcyclohexane
 Concen: 9.78 ug/l
 RT: 7.47 min Scan# 1129
 Delta R.T. -0.00 min
 Lab File: VX001264.D
 Acq: 30 Apr 2018 20:30

Tgt Ion: 83 Resp: 31536
 Ion Ratio Lower Upper
 83 100
 55 77.0 35.9 107.7
 98 46.8 24.6 74.0



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





#39

1,2-Dichloropropane

Concen: 10.07 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VX001264.D

Acq: 30 Apr 2018 20:30

Instrument :

MSVOA_X

ClientSampleId :

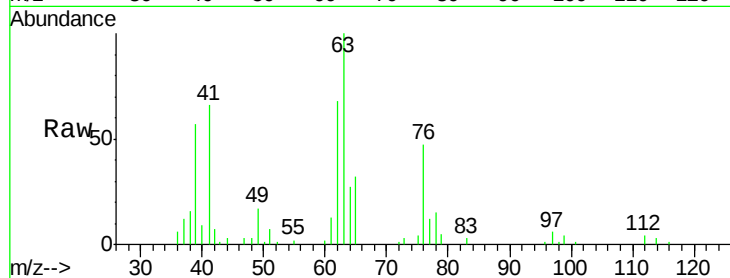
LOD-MDL-WATER-04-QT2-2018

Tgt Ion: 63 Resp: 20739

Ion Ratio Lower Upper

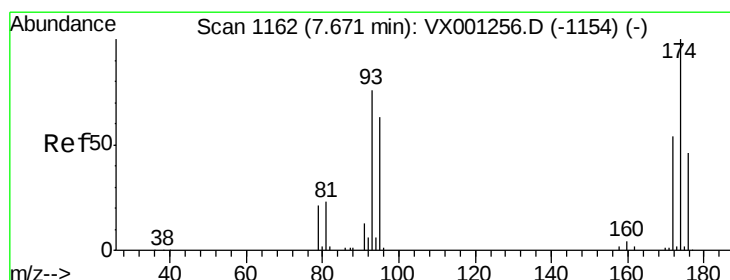
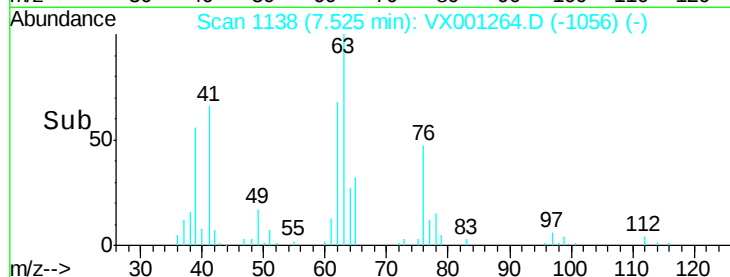
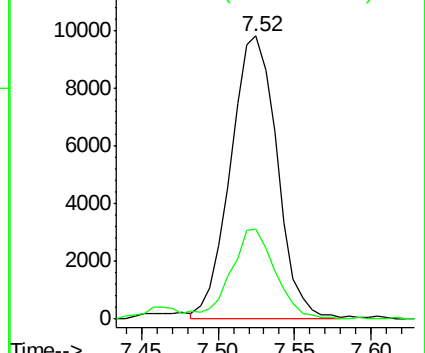
63 100

65 32.3 25.0 37.6



Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 65.00 (64.70 to 65.70): VX0



#40

Dibromomethane

Concen: 10.03 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. -0.00 min

Lab File: VX001264.D

Acq: 30 Apr 2018 20:30

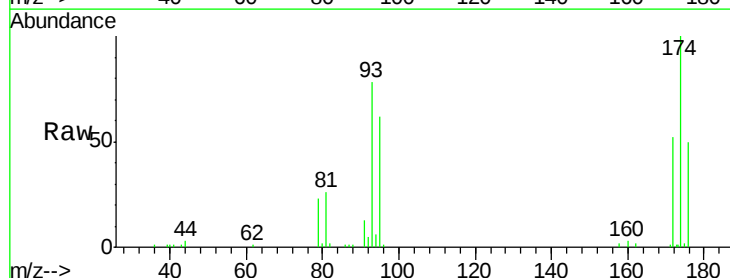
Tgt Ion: 93 Resp: 14531

Ion Ratio Lower Upper

93 100

95 82.0 0.0 170.6

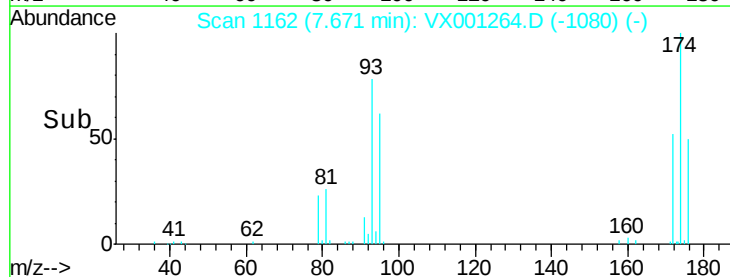
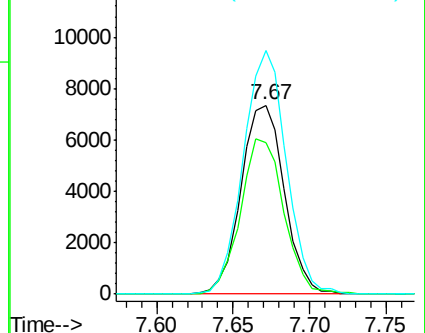
174 127.3 0.0 210.4

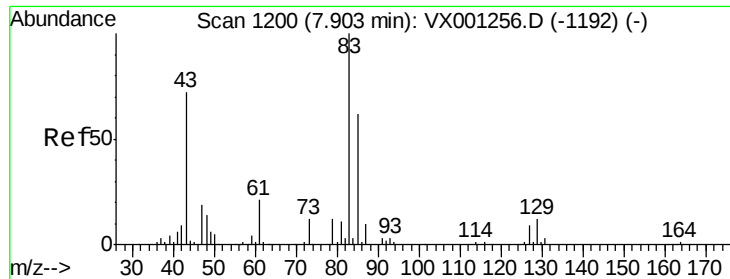


Abundance Ion 93.00 (92.70 to 93.70): VX0

Ion 95.00 (94.70 to 95.70): VX0

Ion 174.00 (173.70 to 174.70): V





#41

Bromodichloromethane

Concen: 9.11 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX001264.D

Acq: 30 Apr 2018 20:30

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-04-QT2-2018

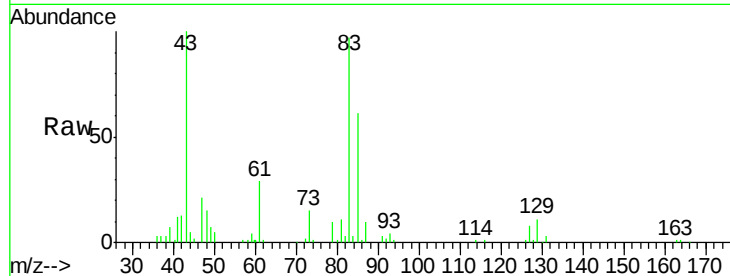
Tgt Ion: 83 Resp: 24933

Ion Ratio Lower Upper

83 100

85 63.2 50.0 75.0

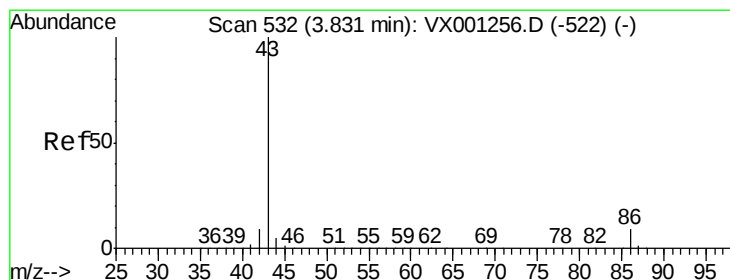
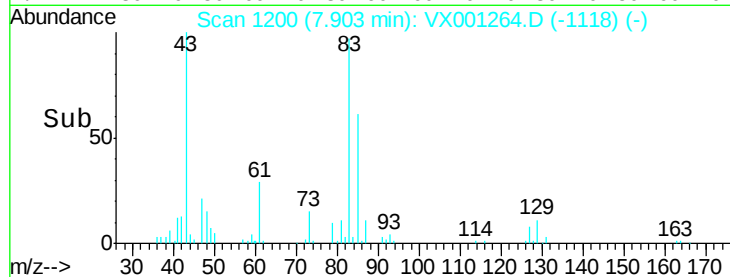
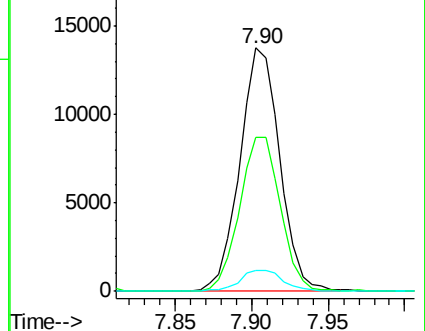
127 8.4 6.6 10.0



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 9.52 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX001264.D

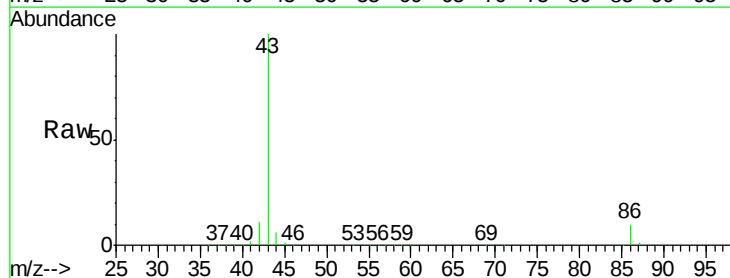
Acq: 30 Apr 2018 20:30

Tgt Ion: 43 Resp: 262745

Ion Ratio Lower Upper

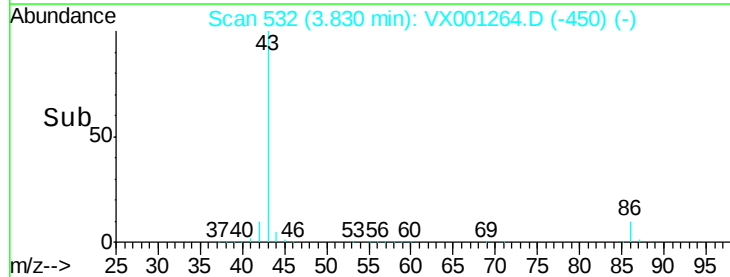
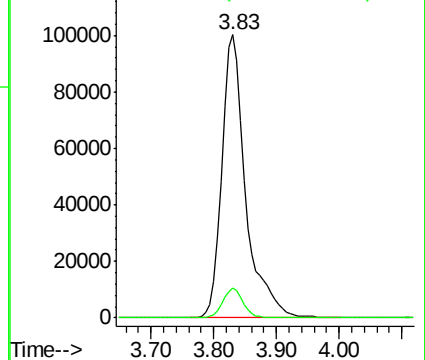
43 100

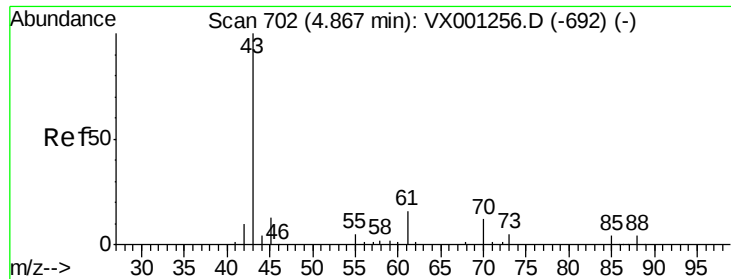
86 8.9 7.8 11.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

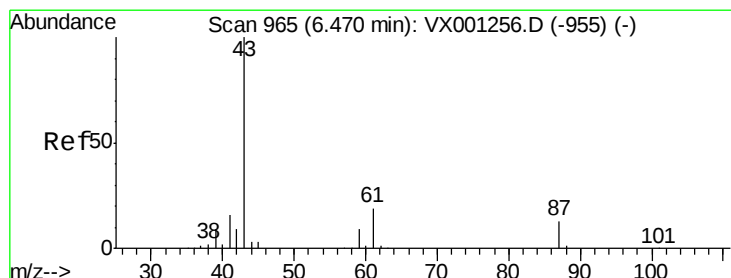
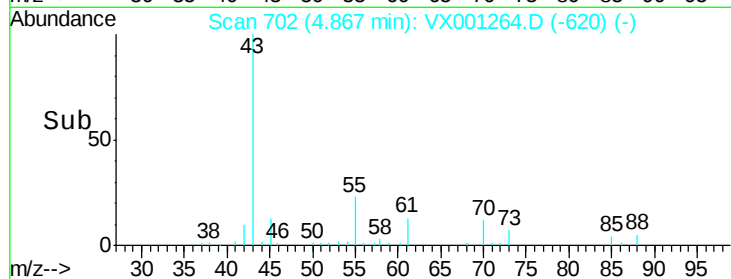
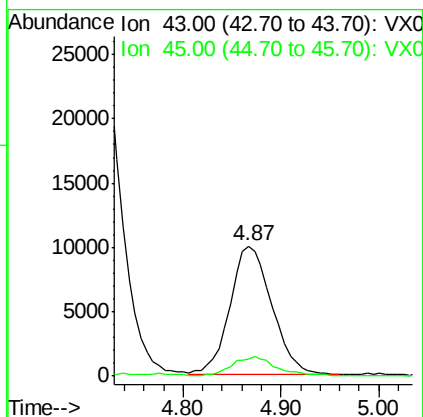
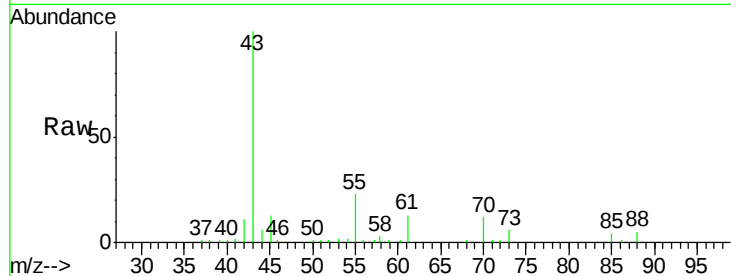




#43
Ethyl Acetate
Concen: 10.99 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.00 min
Lab File: VX001264.D
Acq: 30 Apr 2018 20:30

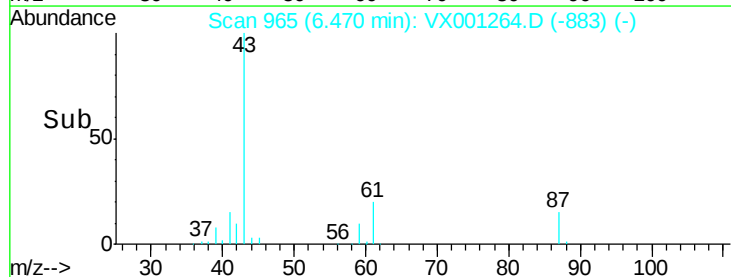
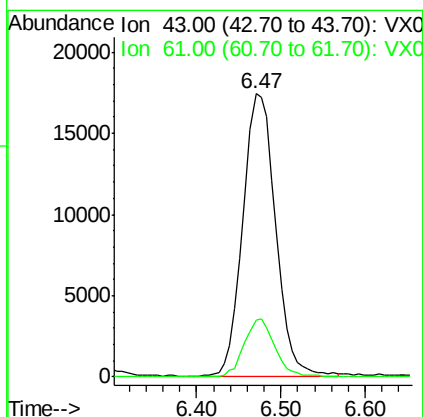
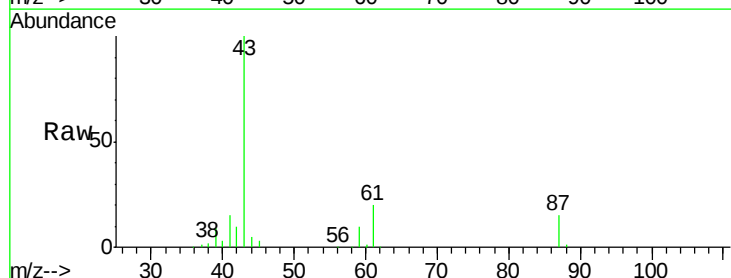
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-04-QT2-2018

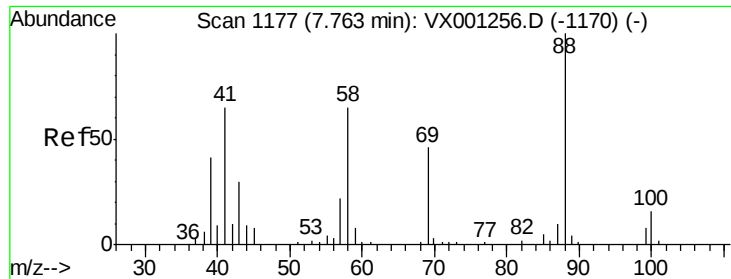
Tgt Ion: 43 Resp: 29720
Ion Ratio Lower Upper
43 100
45 10.5 11.4 17.0#



#44
Isopropyl Acetate
Concen: 9.91 ug/l
RT: 6.47 min Scan# 965
Delta R.T. -0.00 min
Lab File: VX001264.D
Acq: 30 Apr 2018 20:30

Tgt Ion: 43 Resp: 45599
Ion Ratio Lower Upper
43 100
61 19.2 15.7 23.5

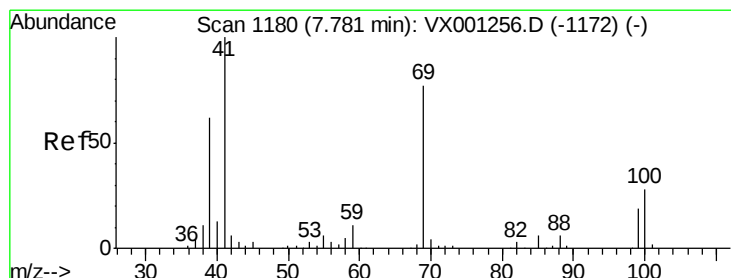
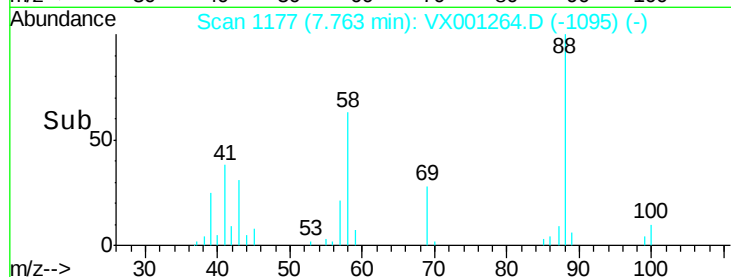
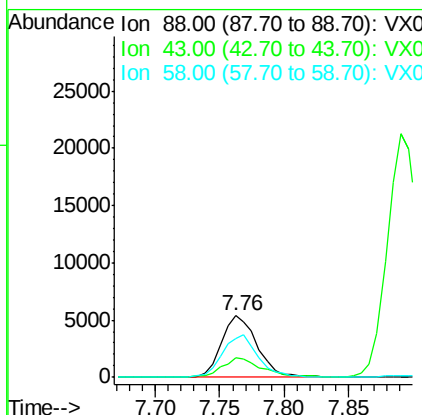
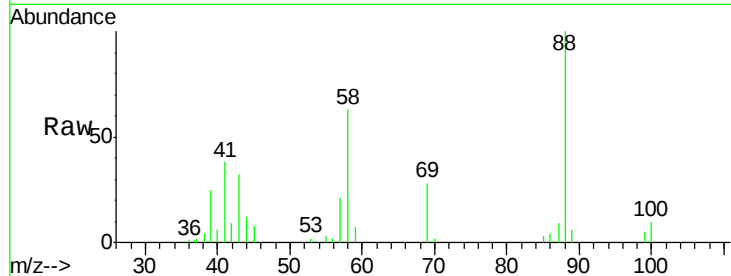




#45
 1,4-Dioxane
 Concen: 251.28 ug/l
 RT: 7.76 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: VX001264.D
 Acq: 30 Apr 2018 20:30

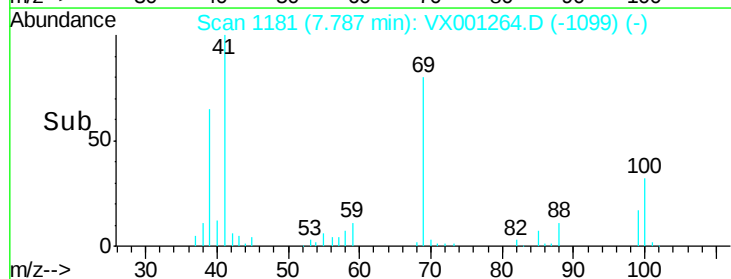
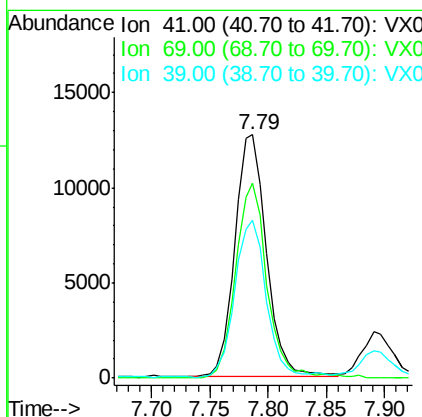
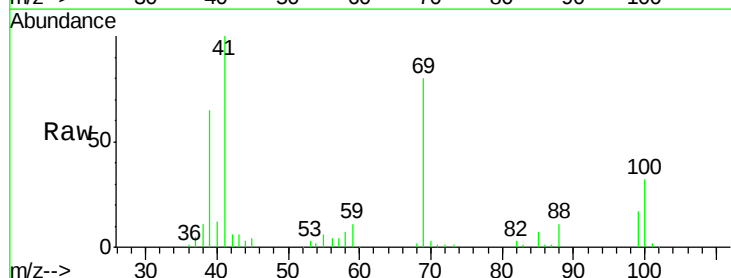
Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-04-QT2-2018

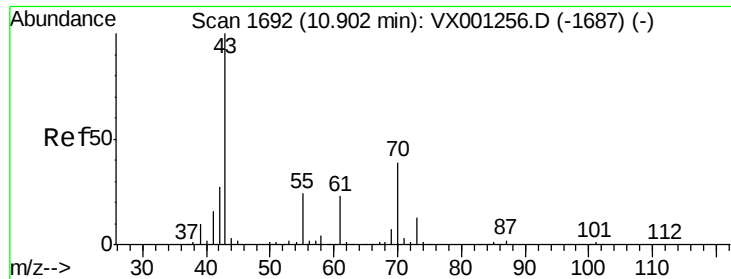
Tgt Ion: 88 Resp: 10507
 Ion Ratio Lower Upper
 88 100
 43 31.5 26.8 40.2
 58 68.1 52.1 78.1



#46
 Methyl methacrylate
 Concen: 10.13 ug/l
 RT: 7.79 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VX001264.D
 Acq: 30 Apr 2018 20:30

Tgt Ion: 41 Resp: 24253
 Ion Ratio Lower Upper
 41 100
 69 80.6 45.5 136.5
 39 64.5 32.5 97.5





#47

n-amy1 Acetate

Concen: 8.85 ug/l

RT: 10.90 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX001264.D

Acq: 30 Apr 2018 20:30

Instrument :

MSVOA_X

ClientSampleId :

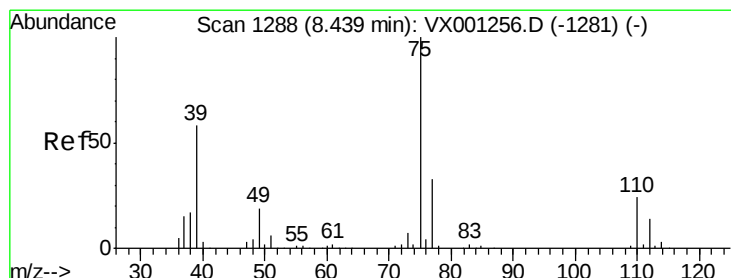
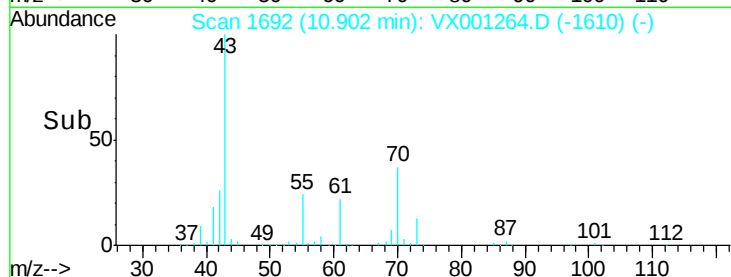
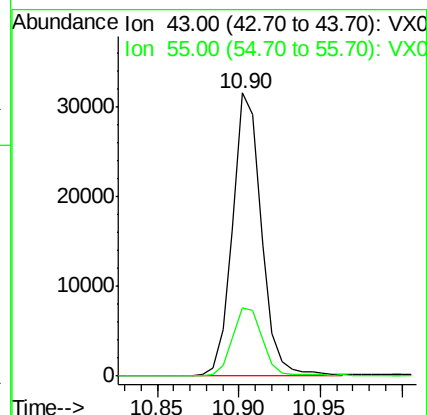
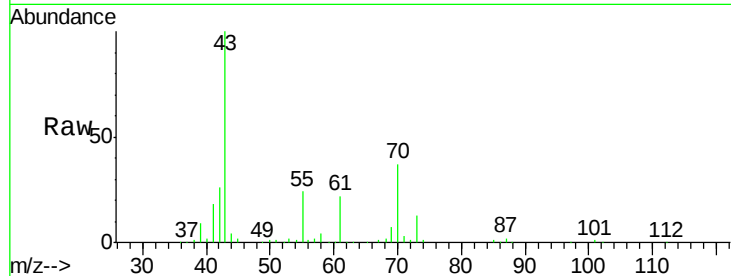
LOD-MDL-WATER-04-QT2-2018

Tgt Ion: 43 Resp: 39063

Ion Ratio Lower Upper

43 100

55 25.8 19.4 29.2



#48

t-1,3-Dichloropropene

Concen: 8.74 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.01 min

Lab File: VX001264.D

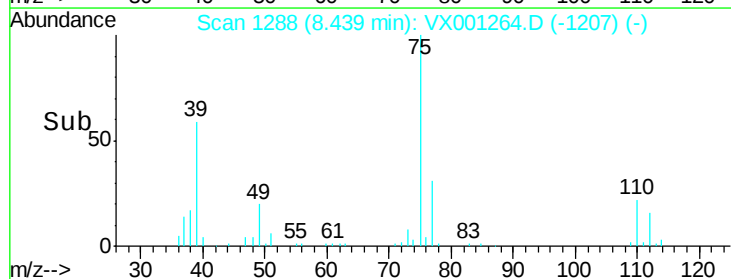
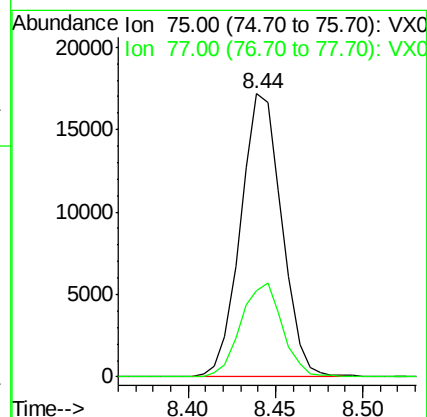
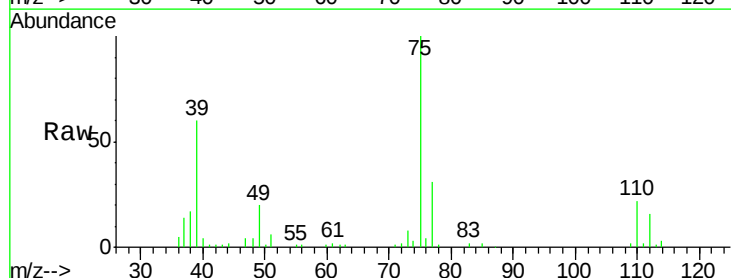
Acq: 30 Apr 2018 20:30

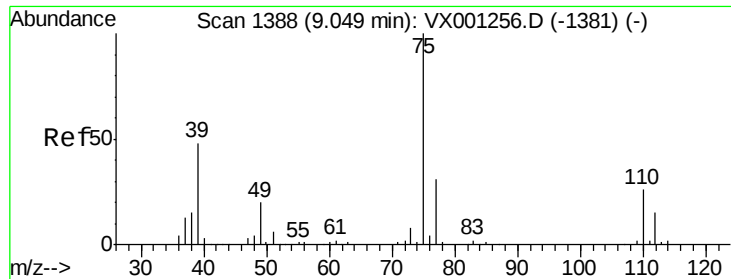
Tgt Ion: 75 Resp: 28137

Ion Ratio Lower Upper

75 100

77 30.7 24.6 37.0

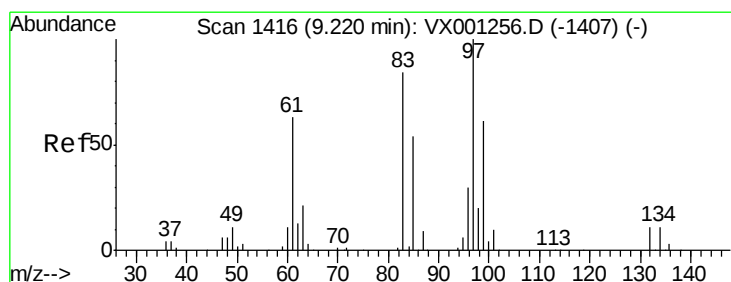
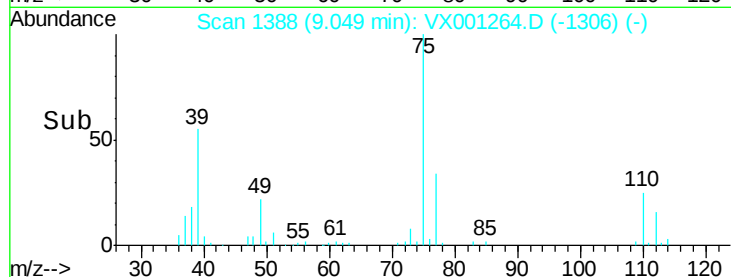
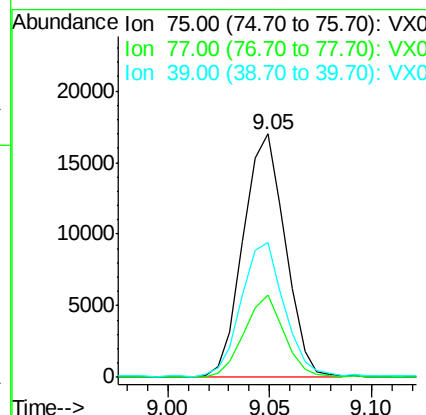
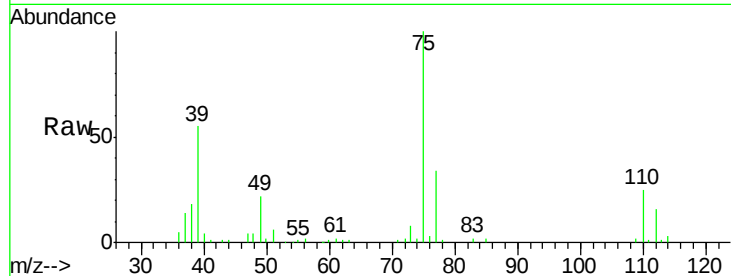




#49
 cis-1,3-Dichloropropene
 Concen: 7.91 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. -0.00 min
 Lab File: VX001264.D
 Acq: 30 Apr 2018 20:30

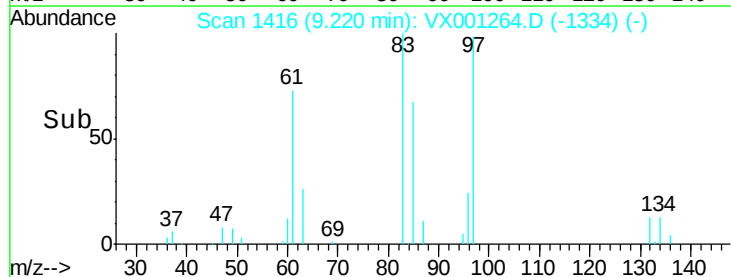
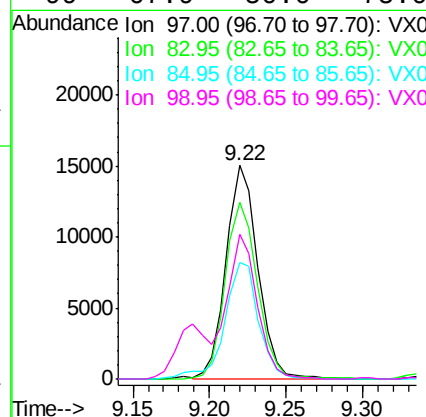
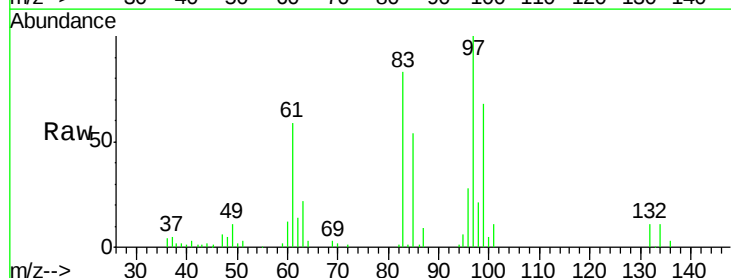
Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-04-QT2-2018

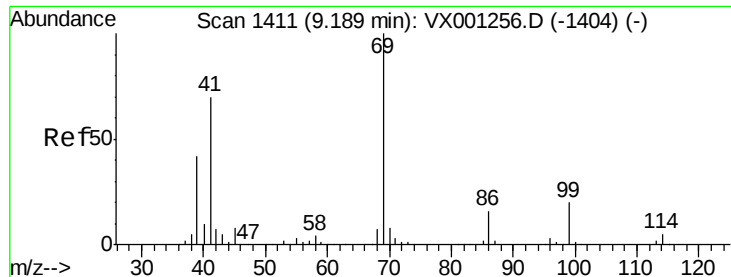
Tgt Ion: 75 Resp: 24415
 Ion Ratio Lower Upper
 75 100
 77 33.8 24.5 36.7
 39 55.1 35.6 53.4#



#50
 1,1,2-Trichloroethane
 Concen: 10.10 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX001264.D
 Acq: 30 Apr 2018 20:30

Tgt Ion: 97 Resp: 21714
 Ion Ratio Lower Upper
 97 100
 83 82.7 66.9 100.3
 85 54.4 44.4 66.6
 99 67.9 50.0 75.0





#51

Ethyl methacrylate

Concen: 9.41 ug/l

RT: 9.19 min Scan# 1411

Delta R.T. -0.00 min

Lab File: VX001264.D

Acq: 30 Apr 2018 20:30

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-04-QT2-2018

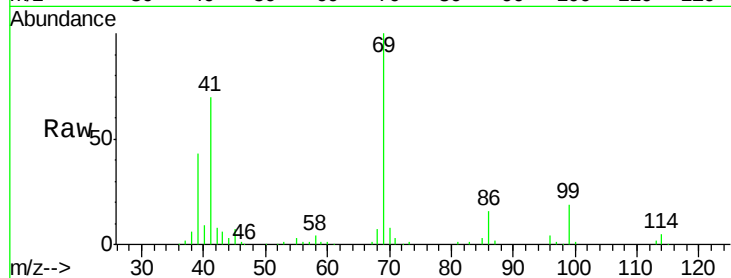
Tgt Ion: 69 Resp: 28827

Ion Ratio Lower Upper

69 100

41 69.8 32.1 96.3

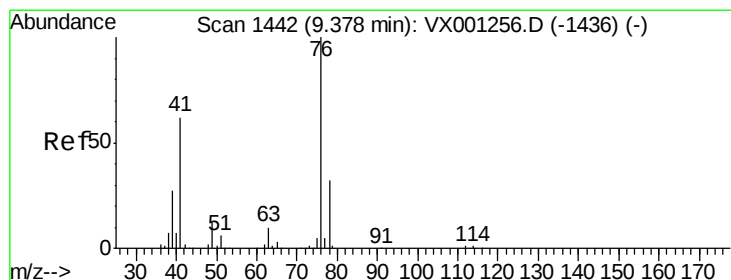
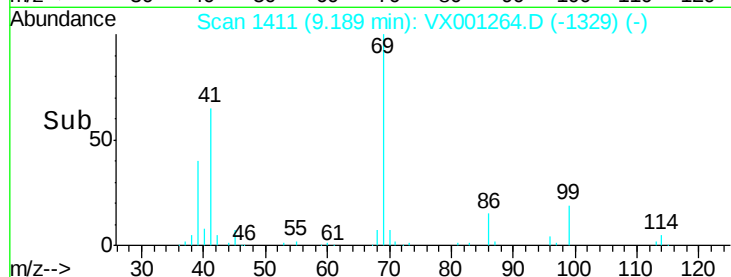
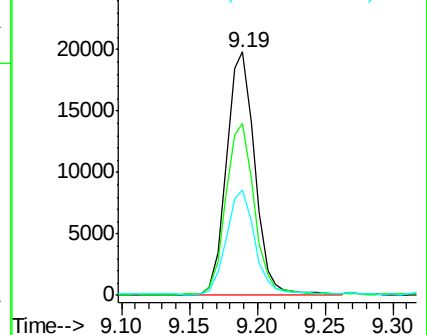
39 43.0 19.6 58.7



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#52

1,3-Dichloropropane

Concen: 10.08 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX001264.D

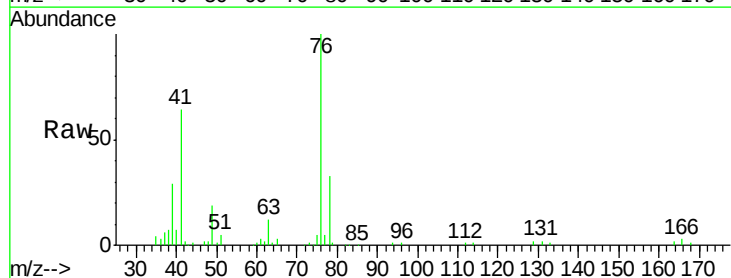
Acq: 30 Apr 2018 20:30

Tgt Ion: 76 Resp: 35044

Ion Ratio Lower Upper

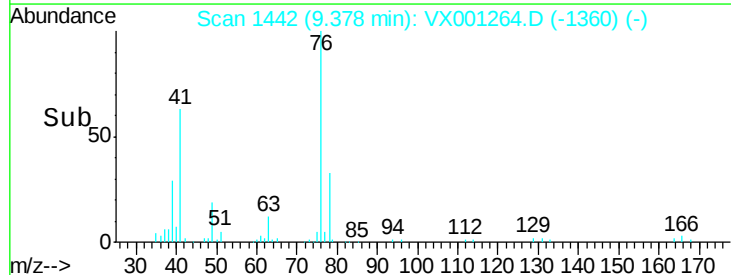
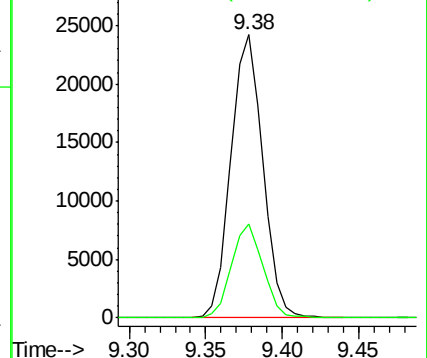
76 100

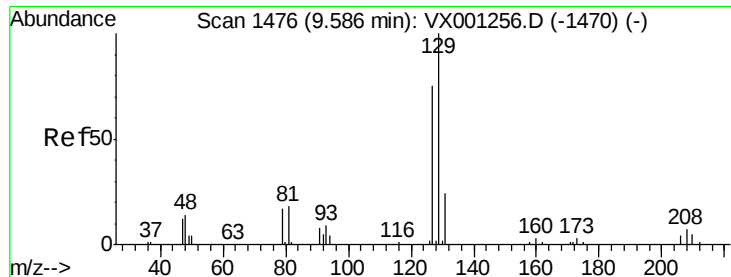
78 32.6 0.0 65.0



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 8.59 ug/l

RT: 9.59 min Scan# 1476

Delta R.T. -0.01 min

Lab File: VX001264.D

Acq: 30 Apr 2018 20:30

Instrument :

MSVOA_X

ClientSampleId :

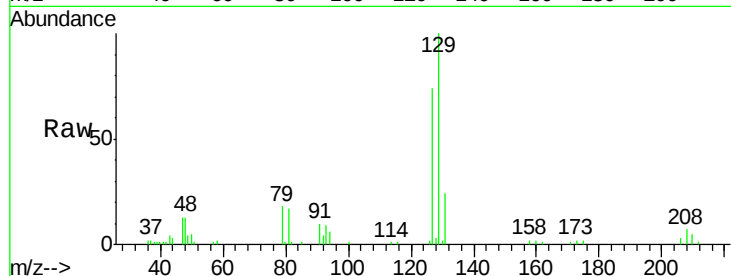
LOD-MDL-WATER-04-QT2-2018

Tgt Ion:129 Resp: 20385

Ion Ratio Lower Upper

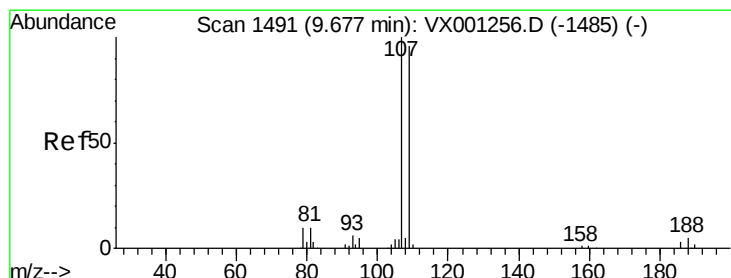
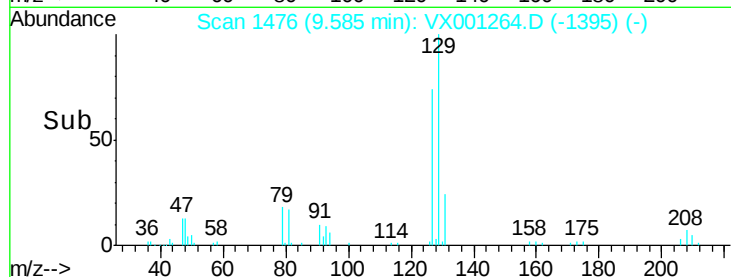
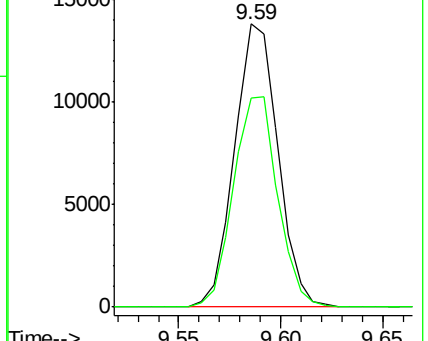
129 100

127 75.8 37.5 112.5



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 9.81 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX001264.D

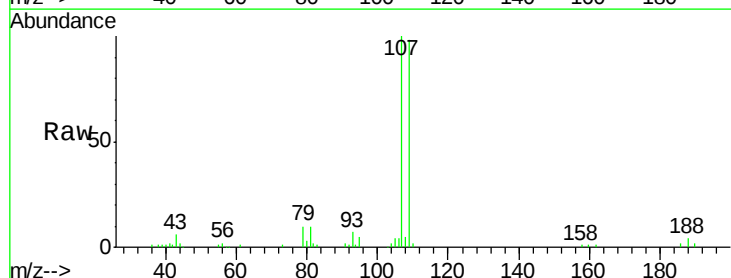
Acq: 30 Apr 2018 20:30

Tgt Ion:107 Resp: 22576

Ion Ratio Lower Upper

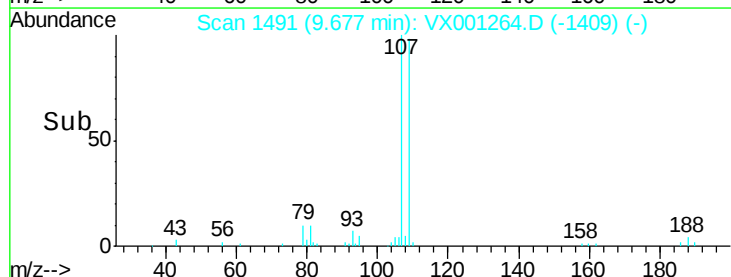
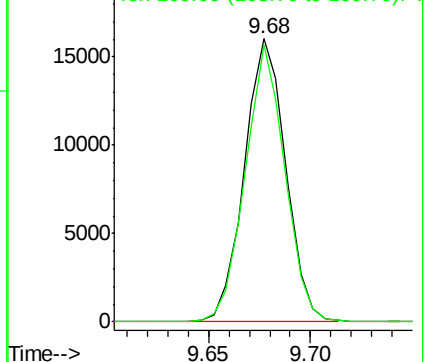
107 100

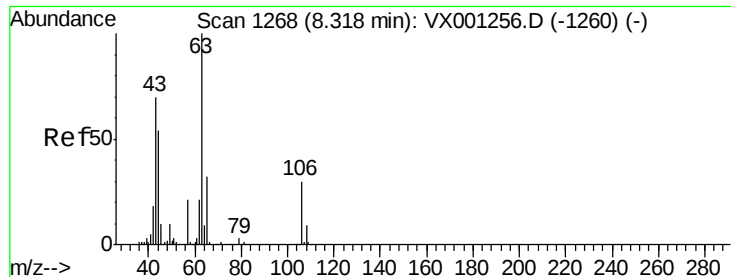
109 94.3 74.5 111.7



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

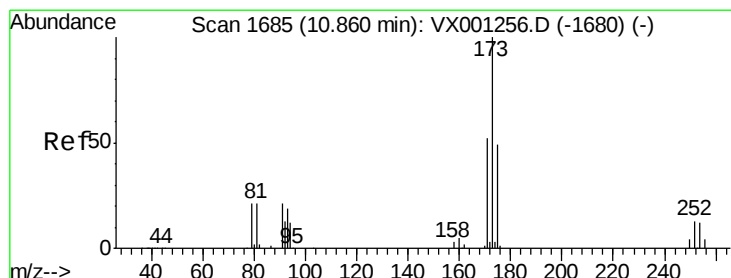
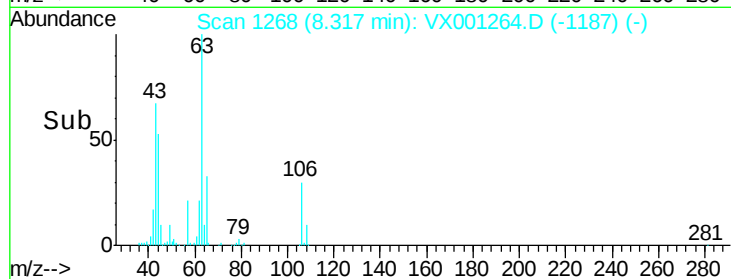
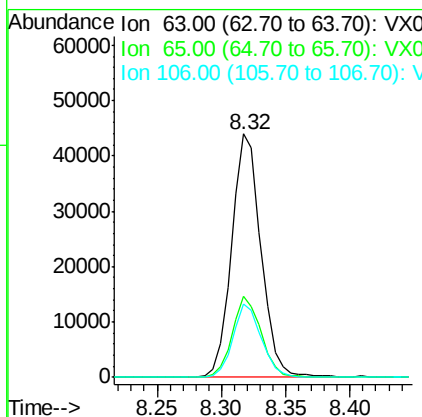
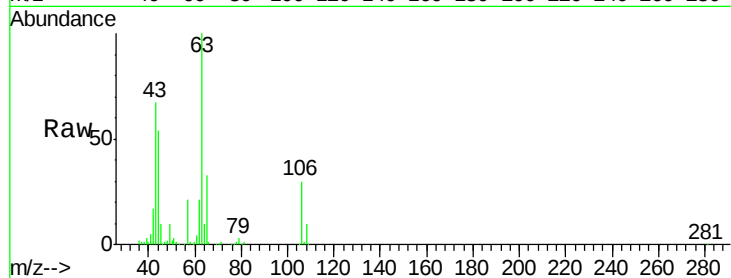




#55
 2-Chloroethyl vinyl ether
 Concen: 46.53 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: VX001264.D
 Acq: 30 Apr 2018 20:30

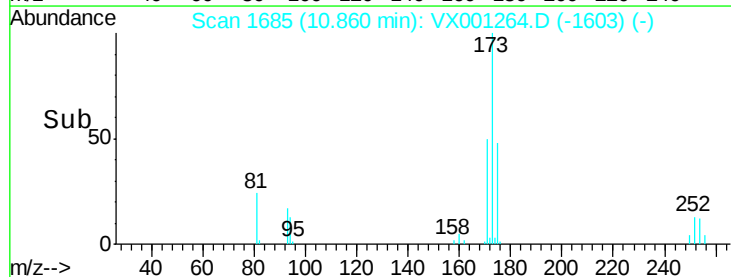
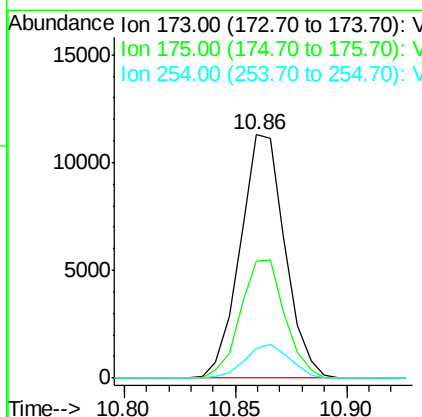
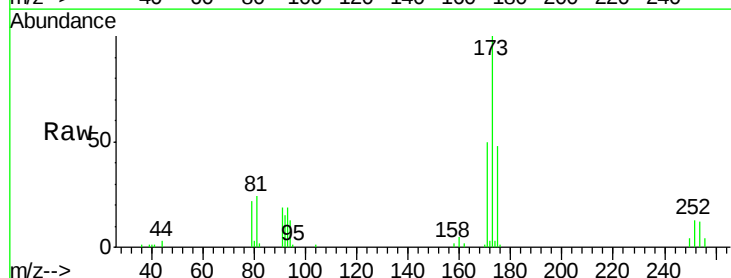
Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-04-QT2-2018

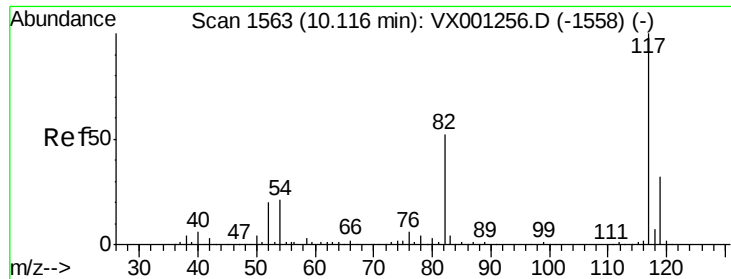
Tgt Ion: 63 Resp: 69854
 Ion Ratio Lower Upper
 63 100
 65 32.6 25.8 38.8
 106 29.1 23.8 35.6



#56
 Bromoform
 Concen: 8.14 ug/l
 RT: 10.86 min Scan# 1685
 Delta R.T. -0.00 min
 Lab File: VX001264.D
 Acq: 30 Apr 2018 20:30

Tgt Ion: 173 Resp: 15823
 Ion Ratio Lower Upper
 173 100
 175 47.9 39.0 58.4
 254 13.7 7.0 10.4#

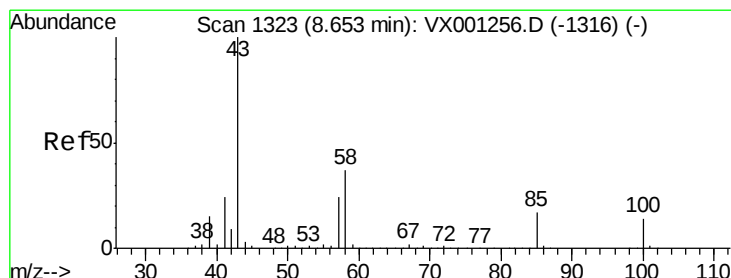
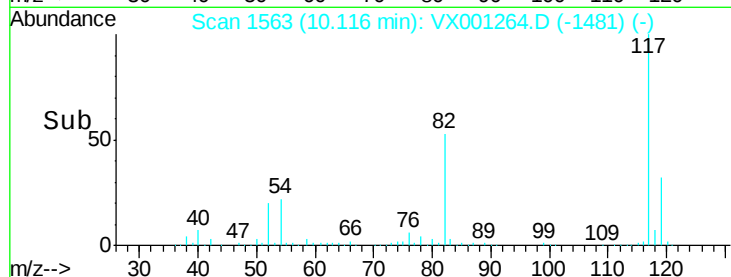
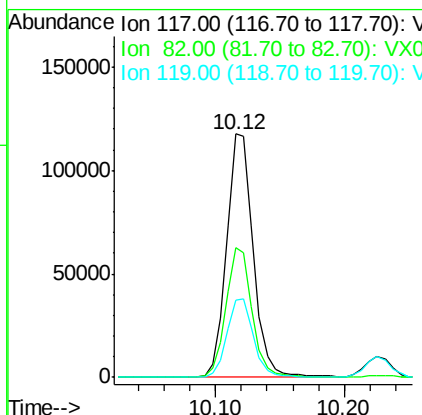
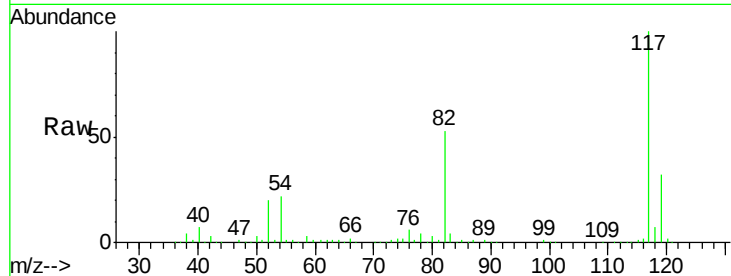




#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX001264.D
Acq: 30 Apr 2018 20:30

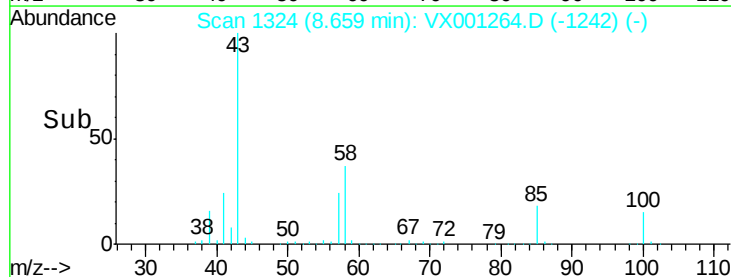
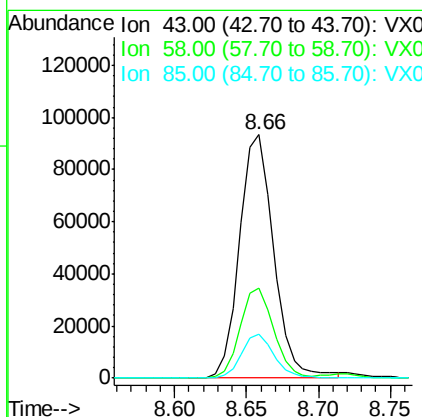
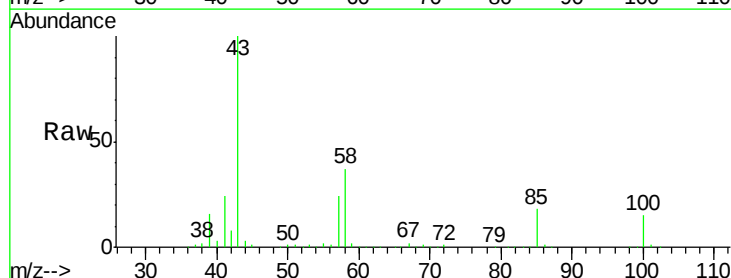
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-04-QT2-2018

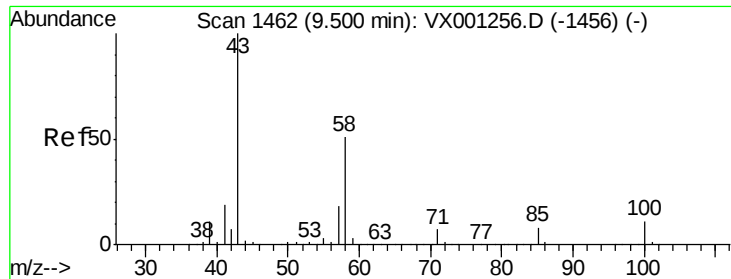
Tgt Ion: 117 Resp: 171490
Ion Ratio Lower Upper
117 100
82 52.5 43.0 64.4
119 32.0 25.8 38.8



#58
4-Methyl-2-Pentanone
Concen: 10.81 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. -0.00 min
Lab File: VX001264.D
Acq: 30 Apr 2018 20:30

Tgt Ion: 43 Resp: 153774
Ion Ratio Lower Upper
43 100
58 36.3 29.8 44.8
85 17.4 14.9 22.3

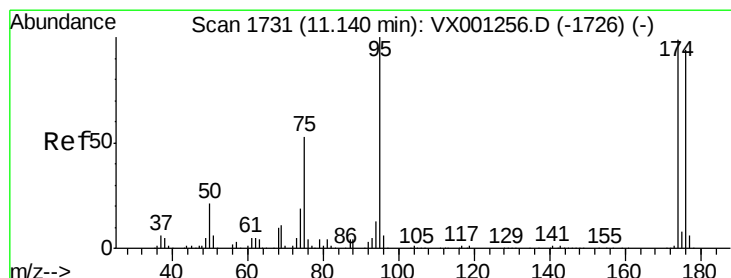
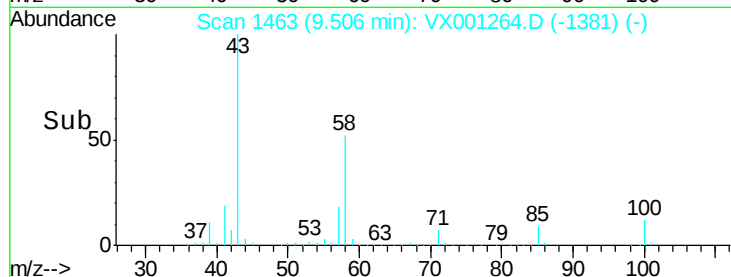
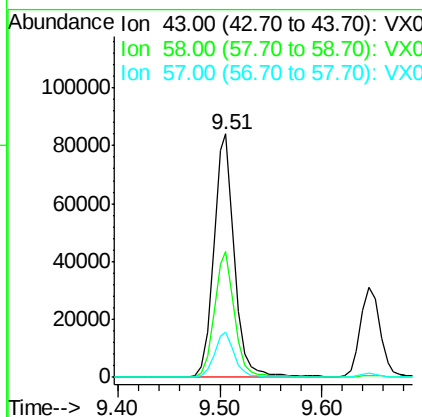
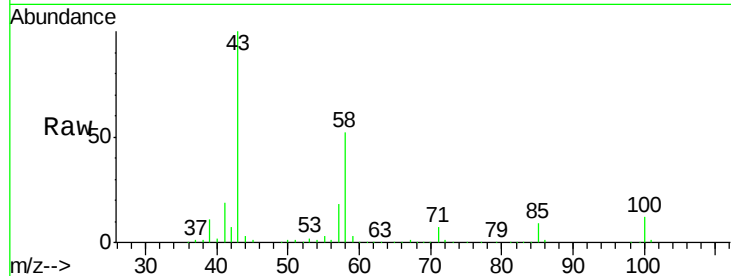




#59
2-Hexanone
Concen: 10.80 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX001264.D
Acq: 30 Apr 2018 20:30

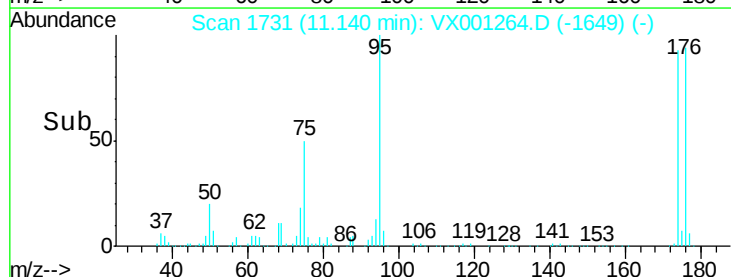
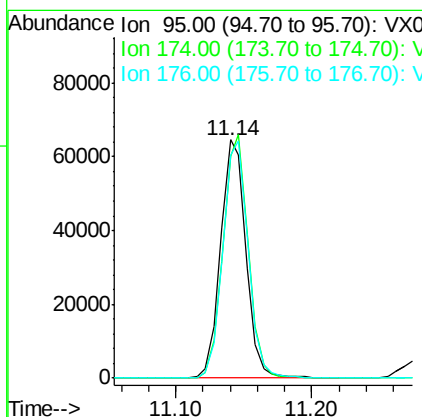
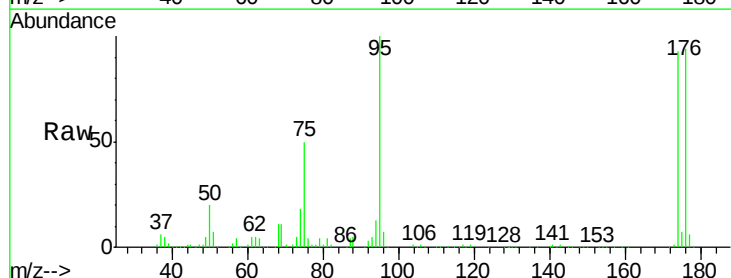
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-04-QT2-2018

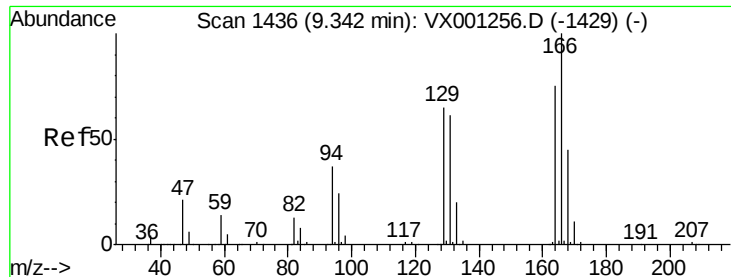
Tgt Ion: 43 Resp: 119770
Ion Ratio Lower Upper
43 100
58 50.5 43.0 64.6
57 17.8 14.4 21.6



#60
4-Bromofluorobenzene
Concen: 28.94 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX001264.D
Acq: 30 Apr 2018 20:30

Tgt Ion: 95 Resp: 83158
Ion Ratio Lower Upper
95 100
174 101.4 71.1 106.7
176 99.6 69.3 103.9





#61

Tetrachloroethene

Concen: 10.86 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. -0.00 min

Lab File: VX001264.D

Acq: 30 Apr 2018 20:30

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-04-QT2-2018

Tgt Ion:164 Resp: 28530

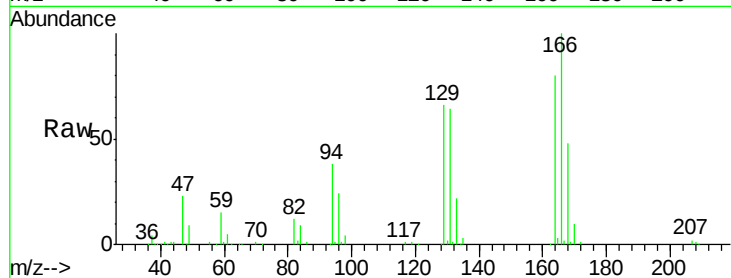
Ion Ratio Lower Upper

164 100

166 125.1 99.0 148.4

129 83.0 77.0 115.6

131 79.9 75.8 113.6

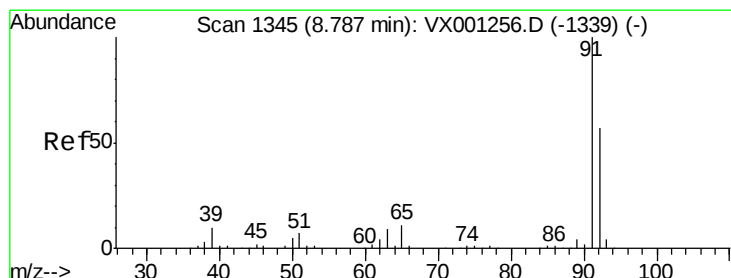
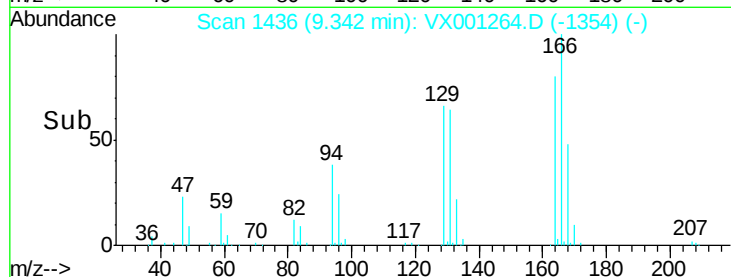
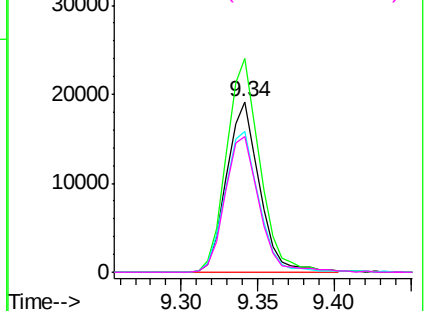


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 9.92 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX001264.D

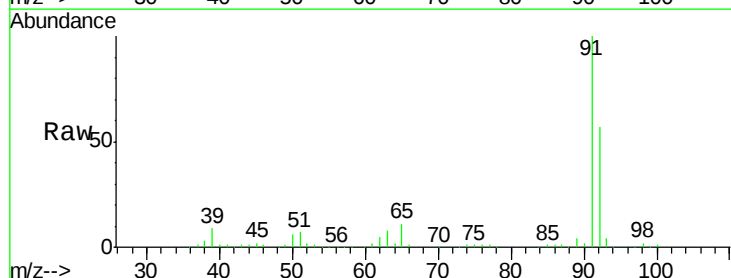
Acq: 30 Apr 2018 20:30

Tgt Ion: 91 Resp: 91441

Ion Ratio Lower Upper

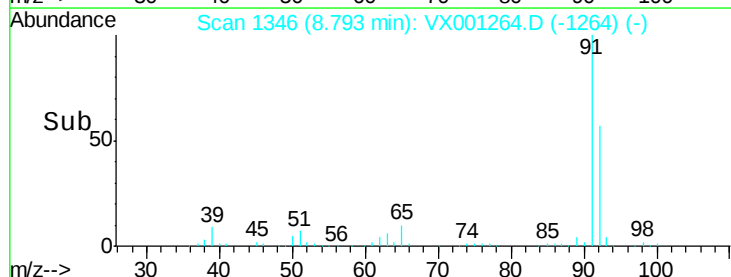
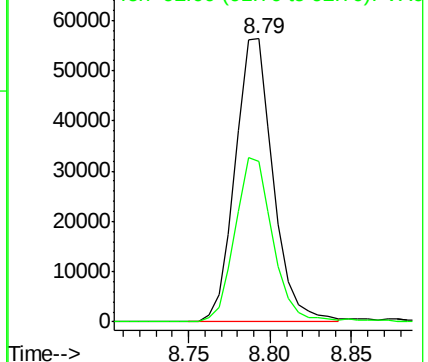
91 100

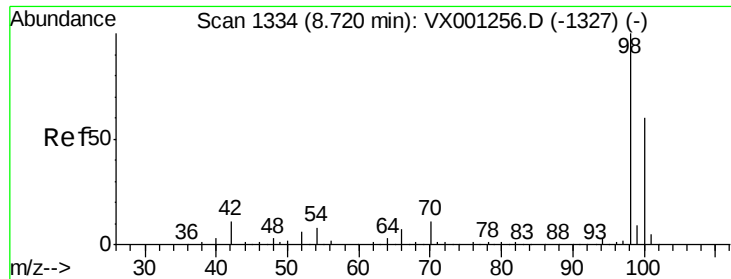
92 57.4 45.4 68.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

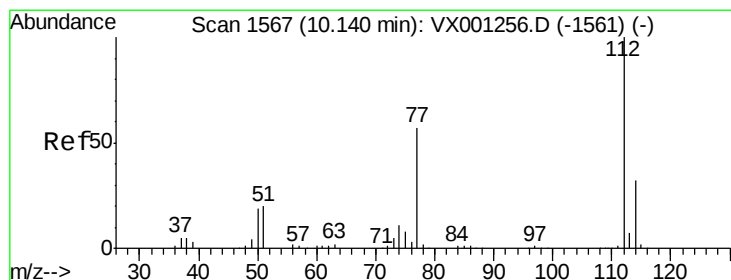
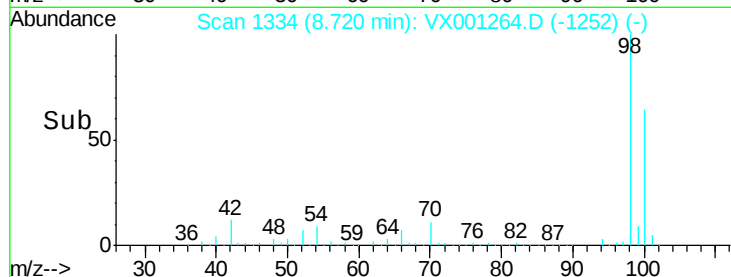
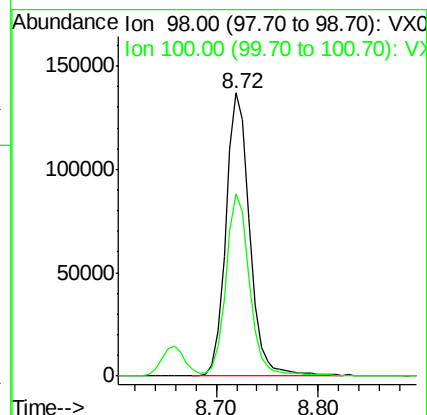
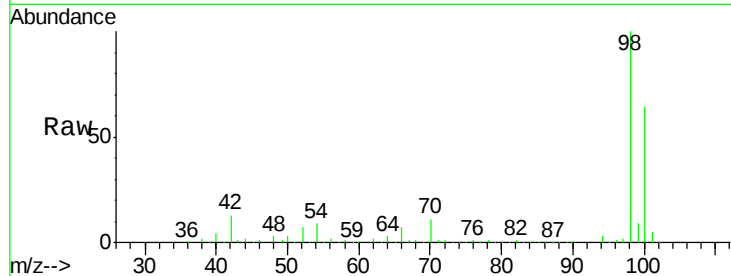




#63
Toluene-d8
Concen: 30.26 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX001264.D
Acq: 30 Apr 2018 20:30

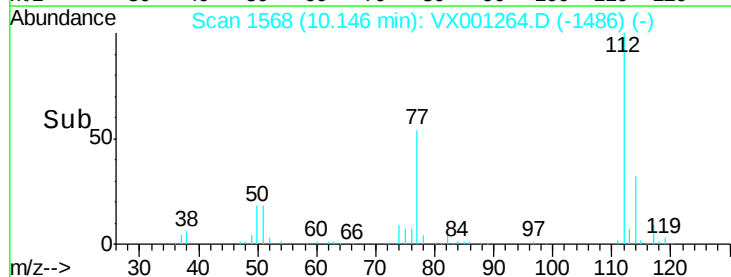
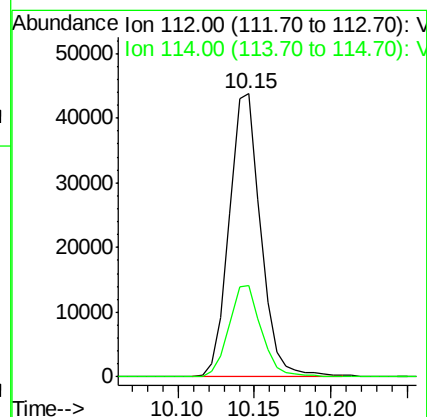
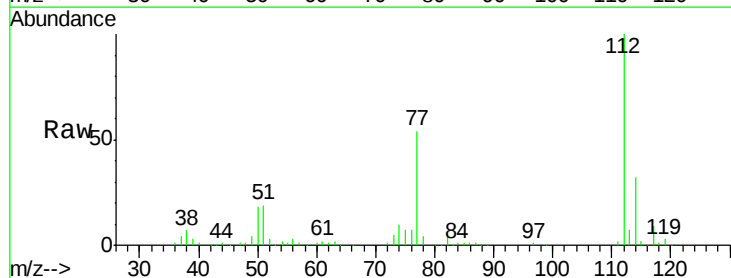
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-04-QT2-2018

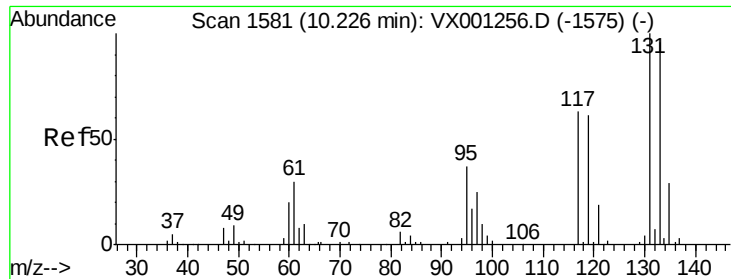
Tgt Ion: 98 Resp: 222525
Ion Ratio Lower Upper
98 100
100 60.9 50.0 75.0



#64
Chlorobenzene
Concen: 10.06 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX001264.D
Acq: 30 Apr 2018 20:30

Tgt Ion: 112 Resp: 62576
Ion Ratio Lower Upper
112 100
114 32.2 26.4 39.6





#65

1,1,1,2-Tetrachloroethane

Concen: 9.28 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX001264.D

Acq: 30 Apr 2018 20:30

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-04-QT2-2018

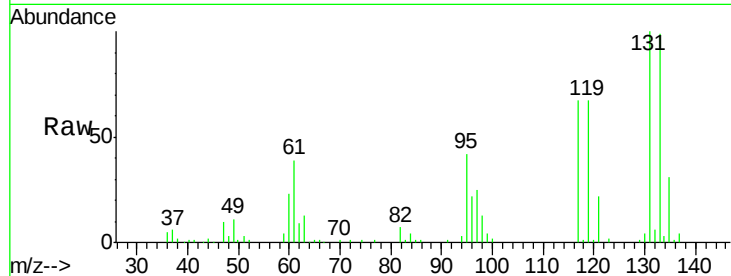
Tgt Ion:131 Resp: 21067

Ion Ratio Lower Upper

131 100

133 95.8 0.0 187.6

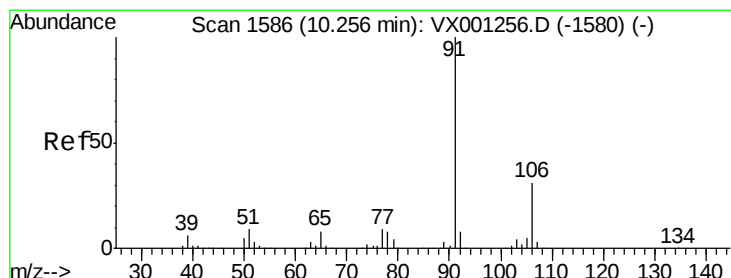
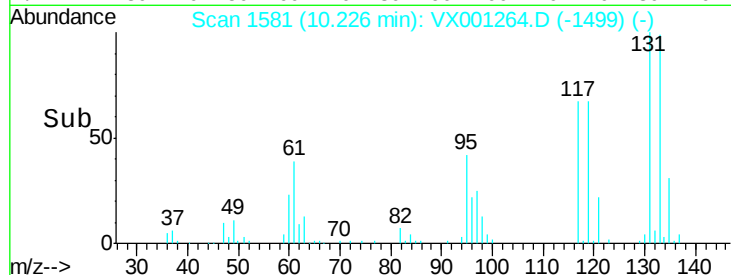
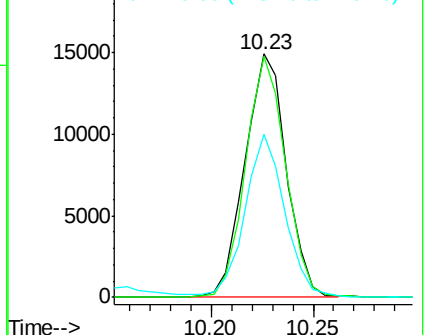
119 64.7 0.0 134.0



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 9.87 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX001264.D

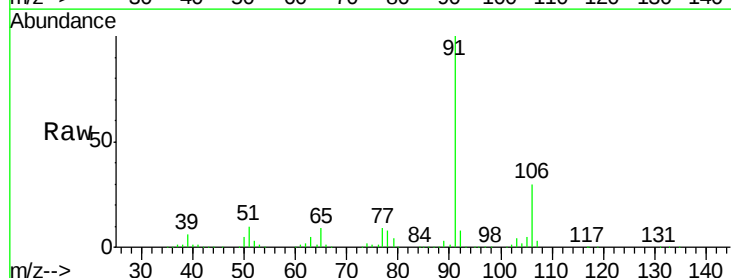
Acq: 30 Apr 2018 20:30

Tgt Ion: 91 Resp: 101541

Ion Ratio Lower Upper

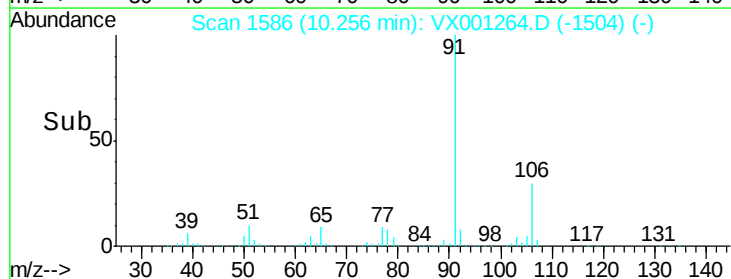
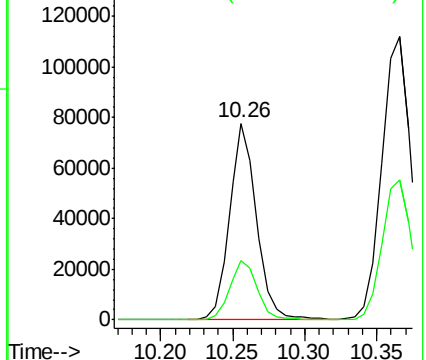
91 100

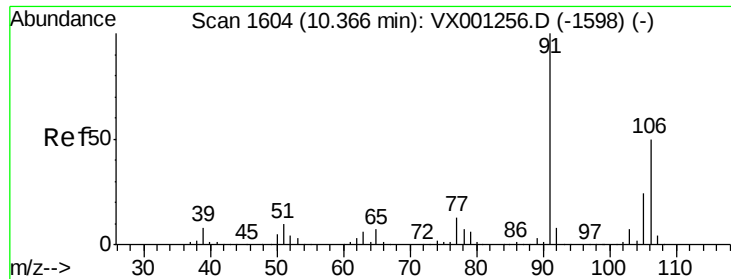
106 30.5 25.9 38.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

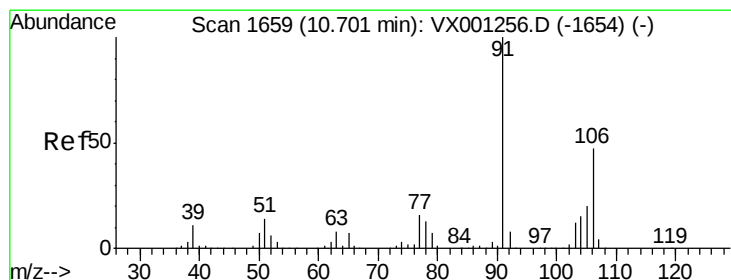
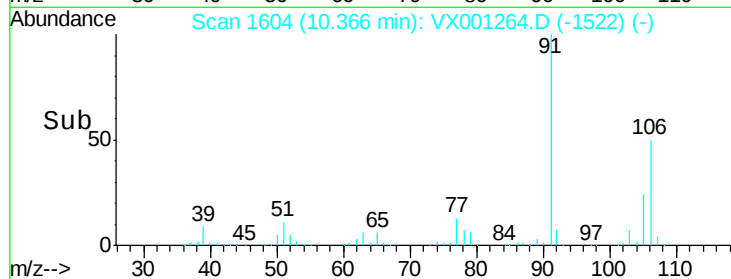
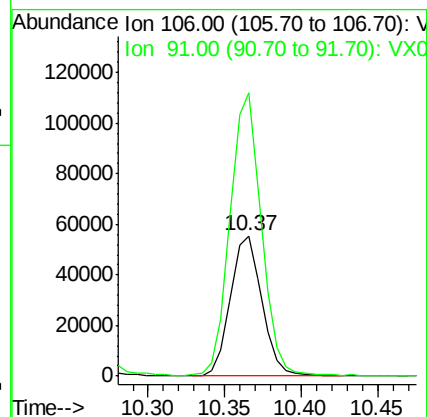
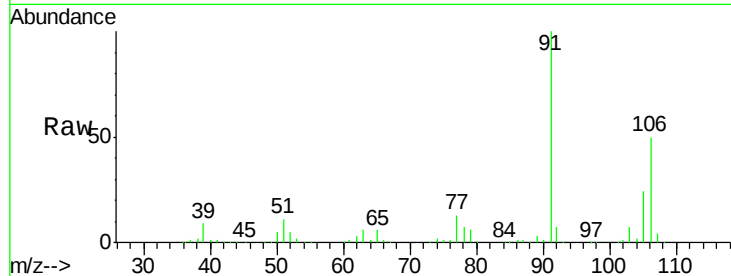




#67
m/p-Xylenes
Concen: 9.73 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX001264.D
Acq: 30 Apr 2018 20:30

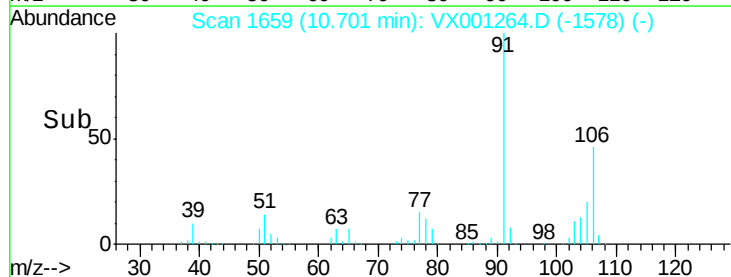
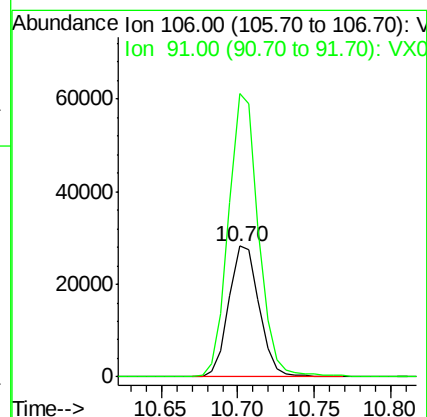
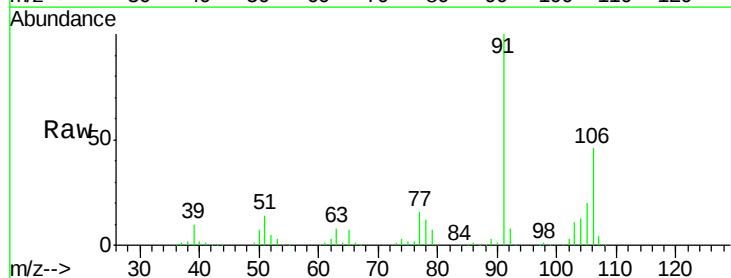
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-04-QT2-2018

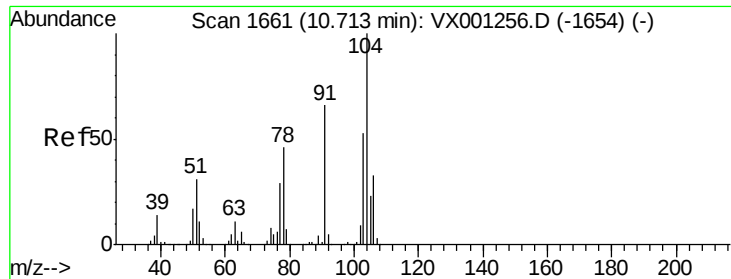
Tgt Ion:106 Resp: 79561
Ion Ratio Lower Upper
106 100
91 199.3 161.6 242.4



#68
o-Xylene
Concen: 9.91 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.01 min
Lab File: VX001264.D
Acq: 30 Apr 2018 20:30

Tgt Ion:106 Resp: 39142
Ion Ratio Lower Upper
106 100
91 212.2 105.6 316.8

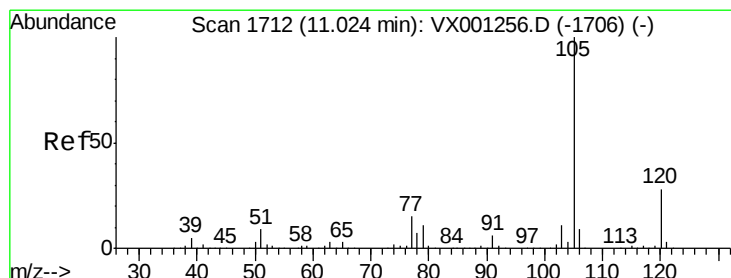
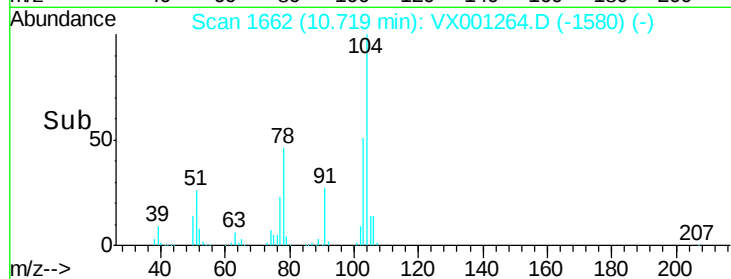
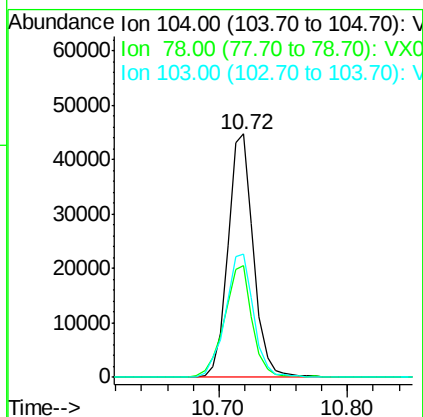
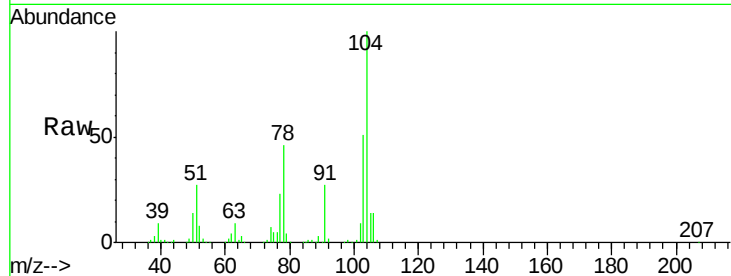




#69
Styrene
Concen: 9.44 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX001264.D
Acq: 30 Apr 2018 20:30

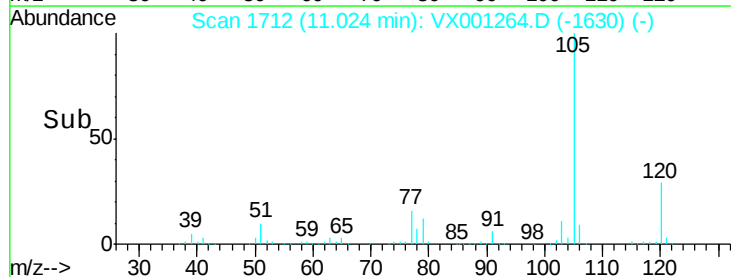
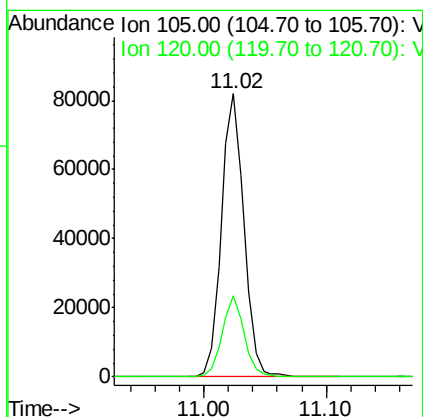
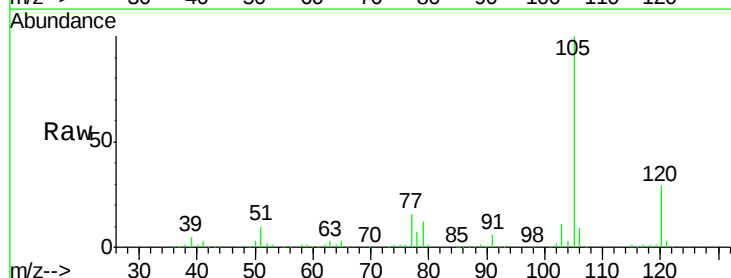
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-04-QT2-2018

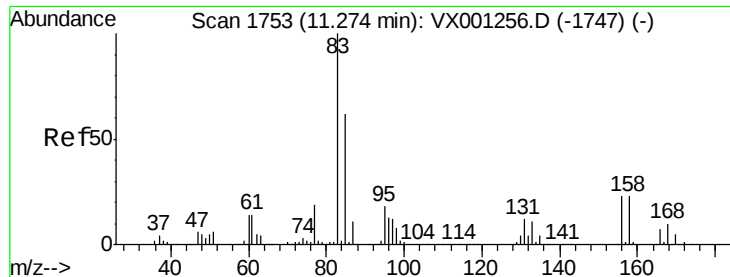
Tgt Ion:104 Resp: 62052
Ion Ratio Lower Upper
104 100
78 49.8 39.0 58.4
103 56.3 44.7 67.1



#70
Isopropylbenzene
Concen: 9.76 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. -0.00 min
Lab File: VX001264.D
Acq: 30 Apr 2018 20:30

Tgt Ion:105 Resp: 104656
Ion Ratio Lower Upper
105 100
120 28.0 18.8 35.0

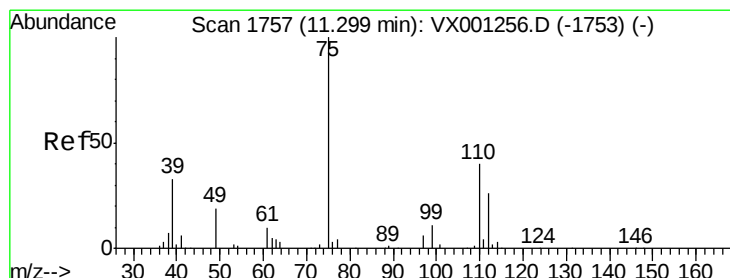
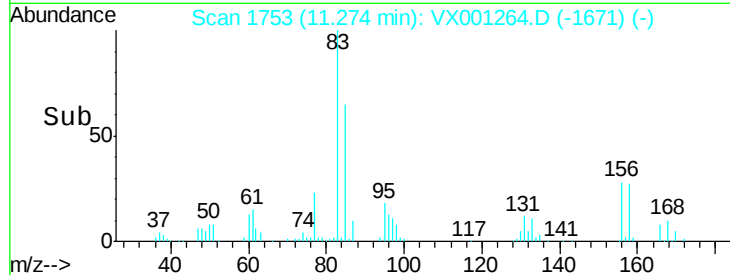
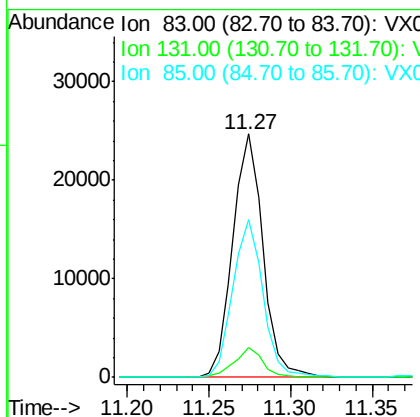
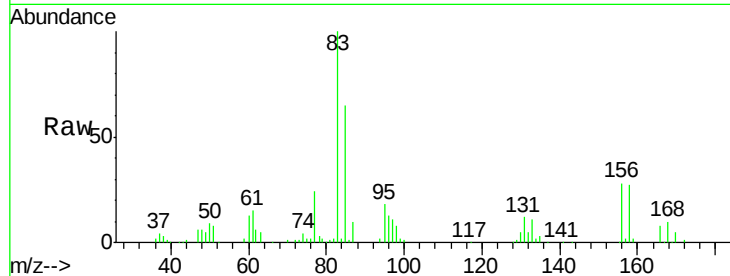




#71
 1,1,2,2-Tetrachloroethane
 Concen: 10.15 ug/l
 RT: 11.27 min Scan# 1753
 Delta R.T. -0.00 min
 Lab File: VX001264.D
 Acq: 30 Apr 2018 20:30

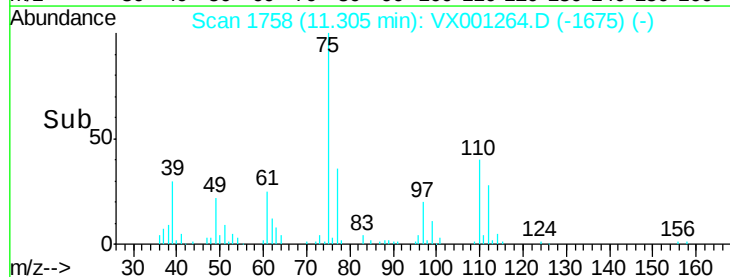
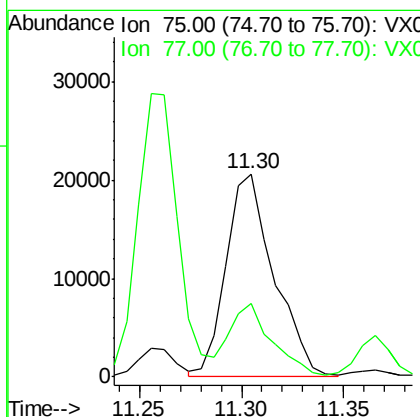
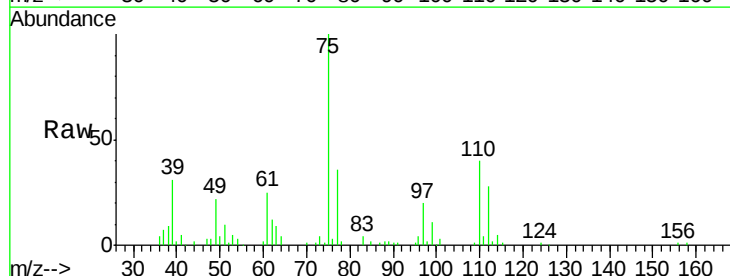
Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-04-QT2-2018

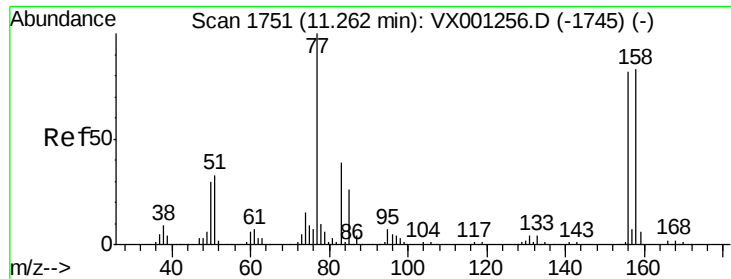
Tgt Ion: 83 Resp: 31941
 Ion Ratio Lower Upper
 83 100
 131 11.4 5.3 16.1
 85 64.6 32.5 97.5



#72
 1,2,3-Trichloropropane
 Concen: 11.94 ug/l
 RT: 11.30 min Scan# 1758
 Delta R.T. 0.01 min
 Lab File: VX001264.D
 Acq: 30 Apr 2018 20:30

Tgt Ion: 75 Resp: 33619
 Ion Ratio Lower Upper
 75 100
 77 32.0 0.0 85.8





#73

Bromobenzene

Concen: 9.81 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX001264.D

Acq: 30 Apr 2018 20:30

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-04-QT2-2018

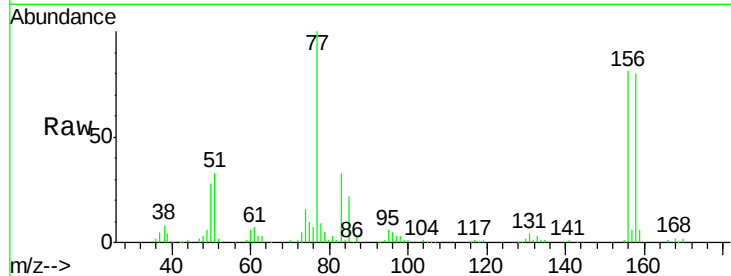
Tgt Ion:156 Resp: 30587

Ion Ratio Lower Upper

156 100

77 130.0 0.0 280.2

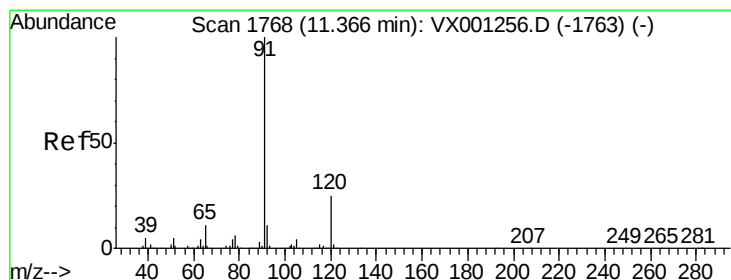
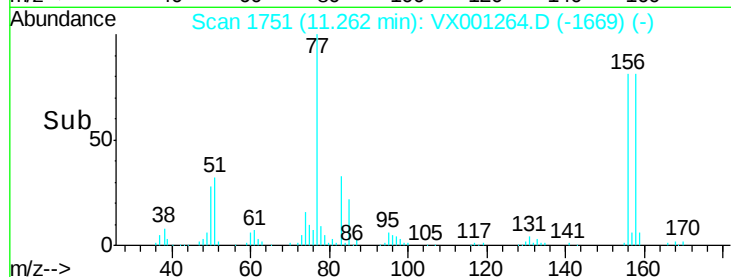
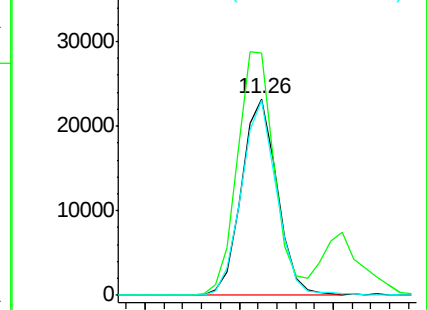
158 97.9 0.0 197.2



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 9.64 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX001264.D

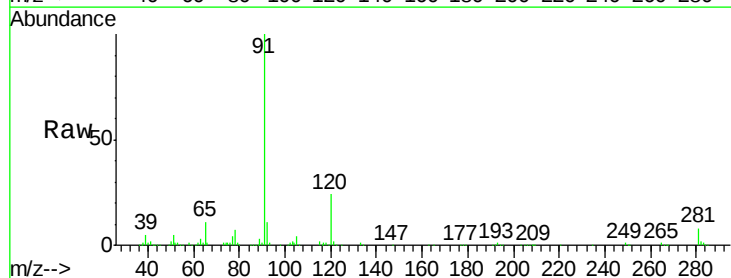
Acq: 30 Apr 2018 20:30

Tgt Ion: 91 Resp: 116789

Ion Ratio Lower Upper

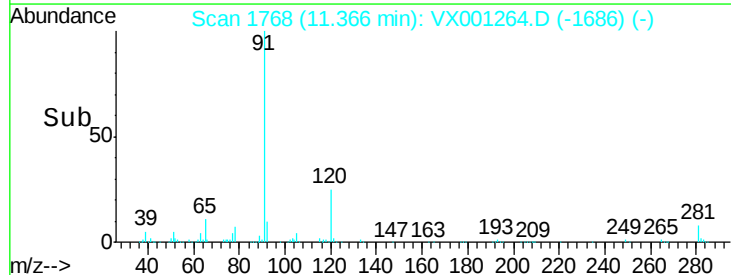
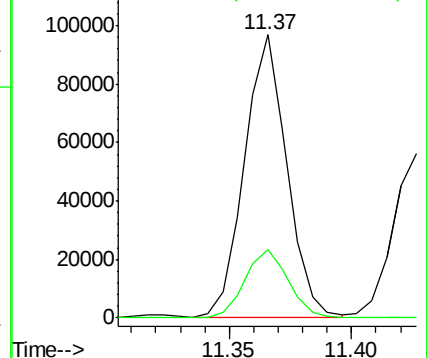
91 100

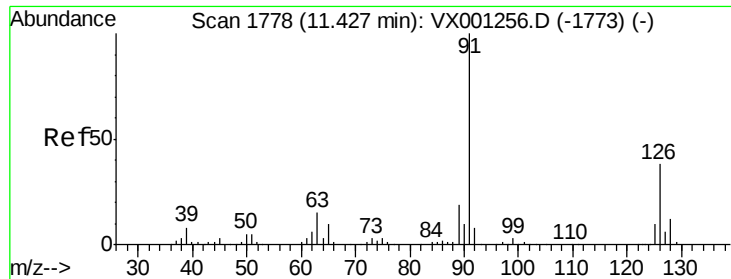
120 24.9 0.0 47.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 9.76 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX001264.D

Acq: 30 Apr 2018 20:30

Instrument :

MSVOA_X

ClientSampleId :

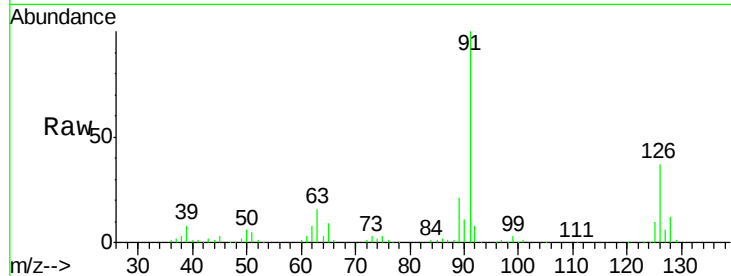
LOD-MDL-WATER-04-QT2-2018

Tgt Ion: 91 Resp: 71348

Ion Ratio Lower Upper

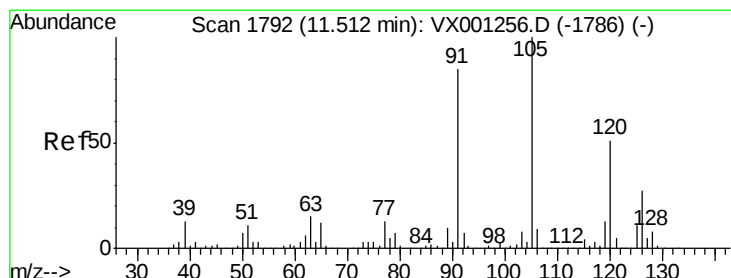
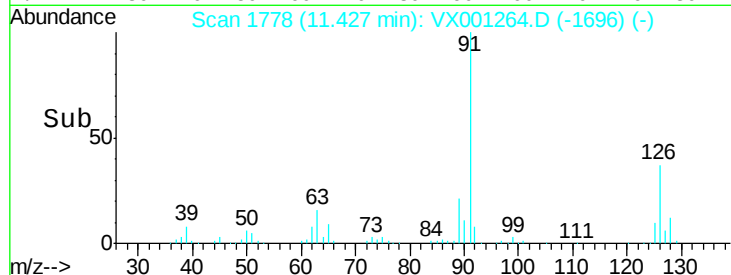
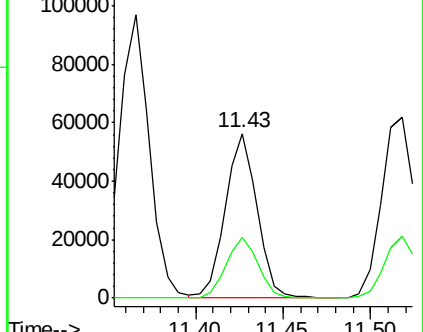
91 100

126 36.6 0.0 71.4



Abundance Ion 91.00 (90.70 to 91.70): VX001256.D (-1773) (-)

Ion 126.00 (125.70 to 126.70): VX001256.D (-1773) (-)



#76

1,3,5-Trimethylbenzene

Concen: 9.61 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX001264.D

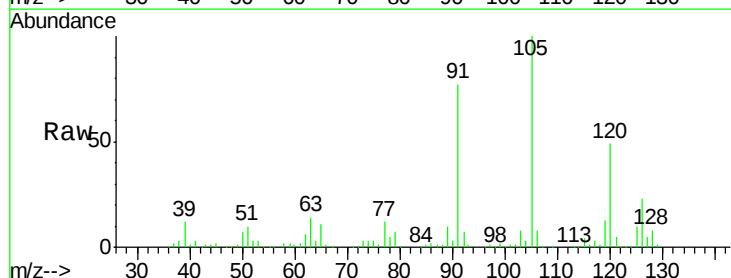
Acq: 30 Apr 2018 20:30

Tgt Ion: 105 Resp: 87823

Ion Ratio Lower Upper

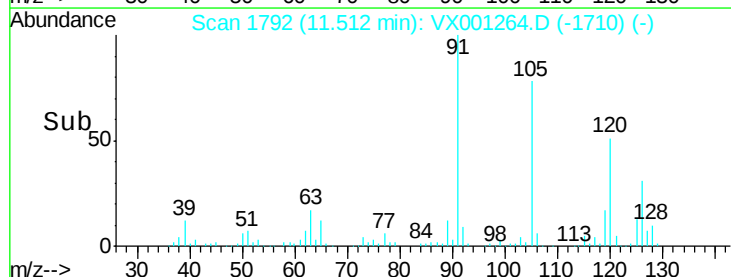
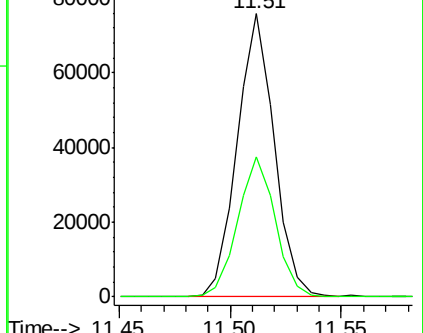
105 100

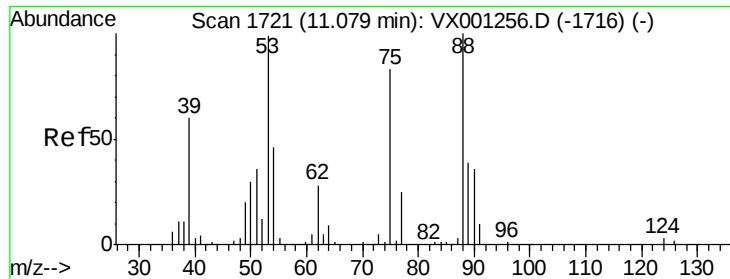
120 50.3 0.0 63.8



Abundance Ion 105.00 (104.70 to 105.70): VX001256.D (-1786) (-)

Ion 120.00 (119.70 to 120.70): VX001256.D (-1786) (-)



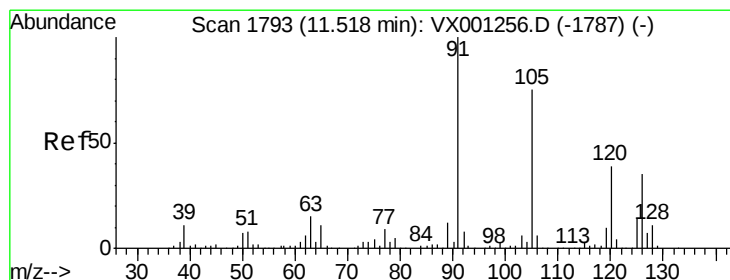
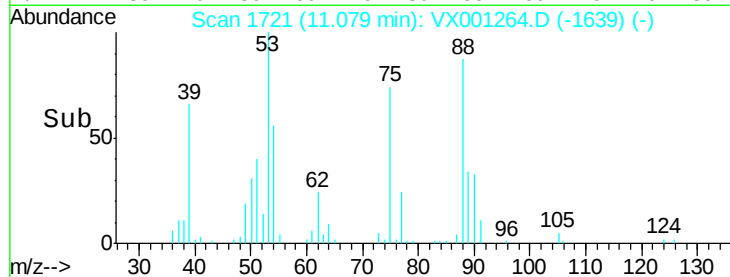
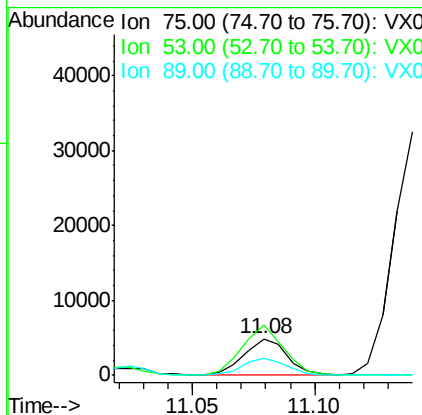
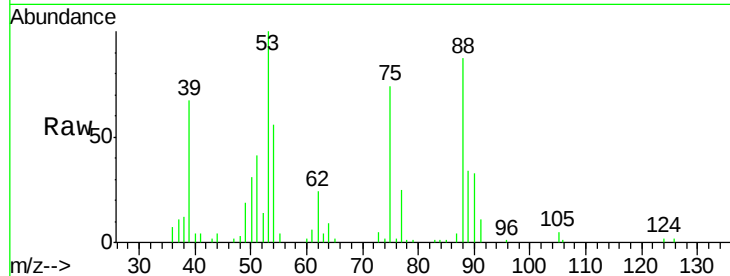


#77
t-1,4-Dichloro-2-butene
Concen: 7.23 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. -0.00 min
Lab File: VX001264.D
Acq: 30 Apr 2018 20:30

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-04-QT2-2018

Tgt Ion: 75 Resp: 6058

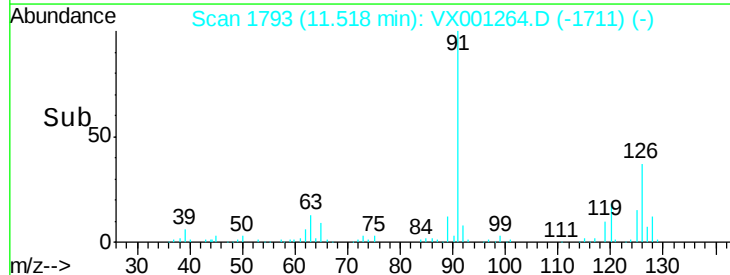
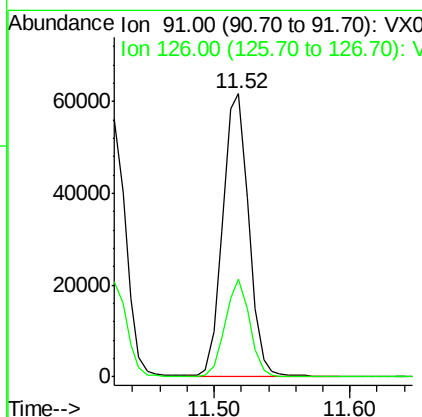
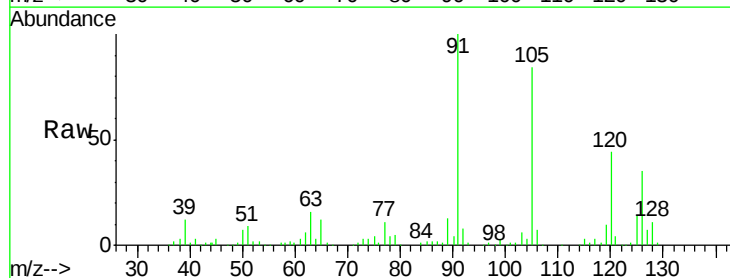
Ion	Ratio	Lower	Upper
75	100		
53	136.0	47.8	143.3
89	46.4	22.3	66.8

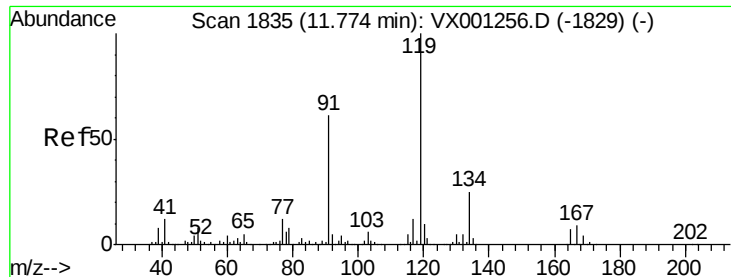


#78
4-Chlorotoluene
Concen: 9.43 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VX001264.D
Acq: 30 Apr 2018 20:30

Tgt Ion: 91 Resp: 82259

Ion	Ratio	Lower	Upper
91	100		
126	32.6	0.0	63.4

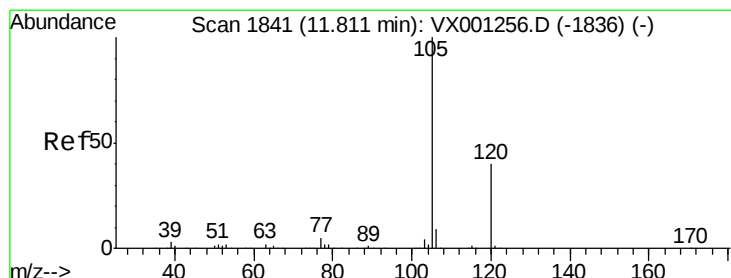
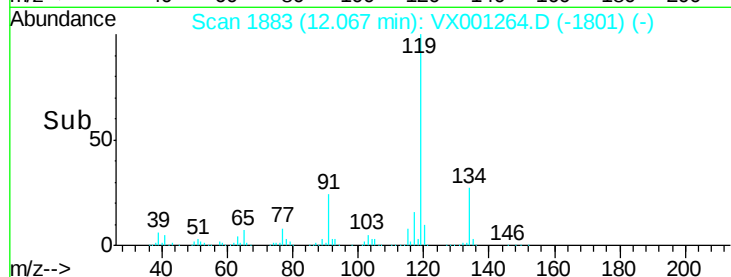
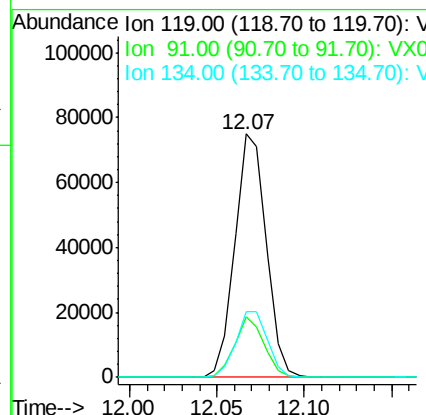
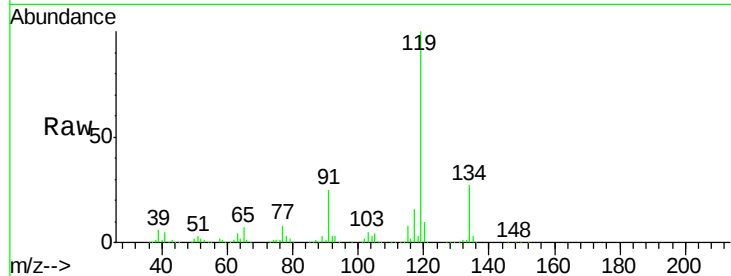




#79
tert-butylbenzene
Concen: 9.58 ug/l
RT: 12.07 min Scan# 1883
Delta R.T. -0.00 min
Lab File: VX001264.D
Acq: 30 Apr 2018 20:30

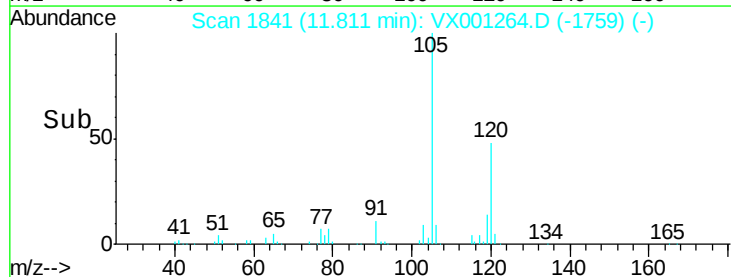
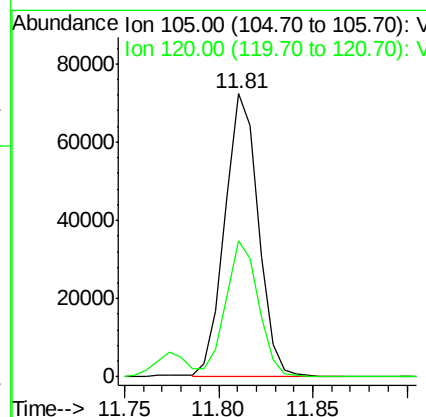
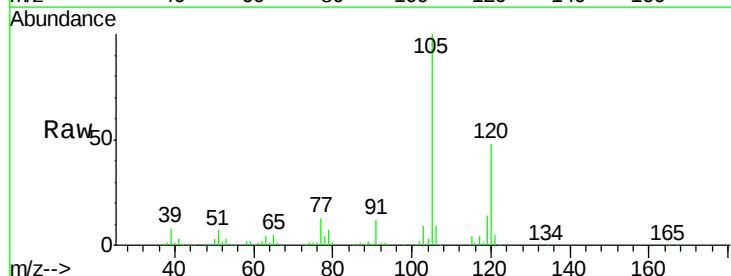
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-04-QT2-2018

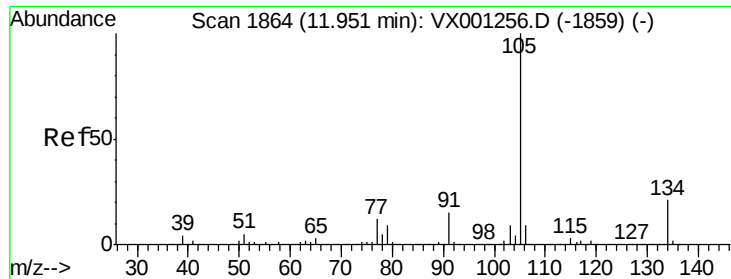
Tgt Ion:119 Resp: 93659
Ion Ratio Lower Upper
119 100
91 23.4 0.0 51.6
134 27.5 0.0 60.2



#80
1,2,4-Trimethylbenzene
Concen: 9.62 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VX001264.D
Acq: 30 Apr 2018 20:30

Tgt Ion:105 Resp: 89477
Ion Ratio Lower Upper
105 100
120 46.3 0.0 93.0

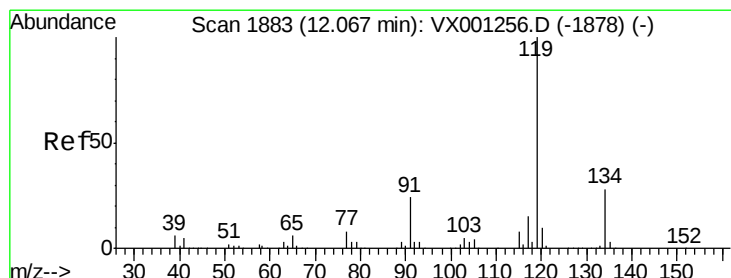
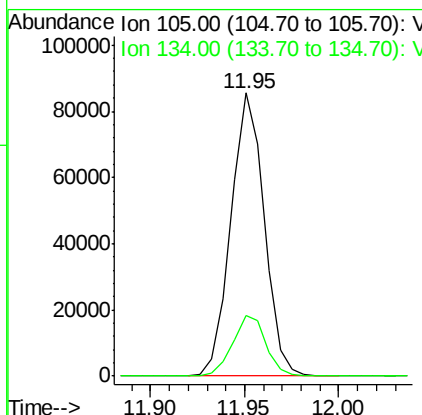
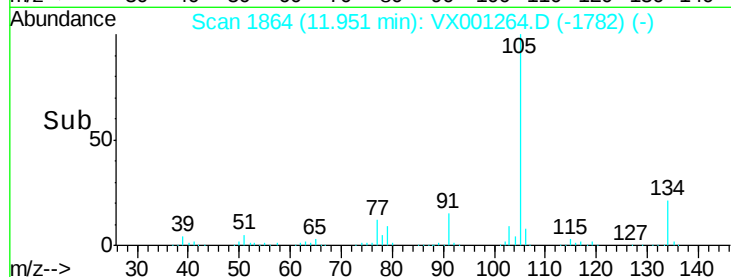
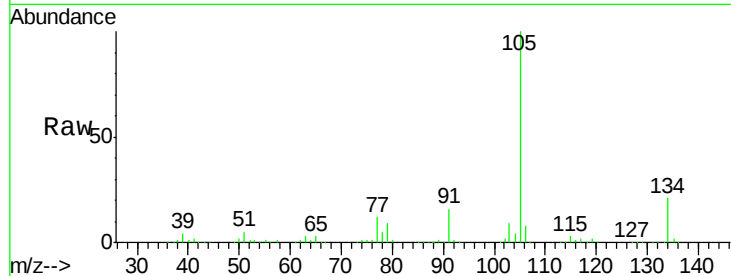




#81
 sec-Butylbenzene
 Concen: 9.89 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX001264.D
 Acq: 30 Apr 2018 20:30

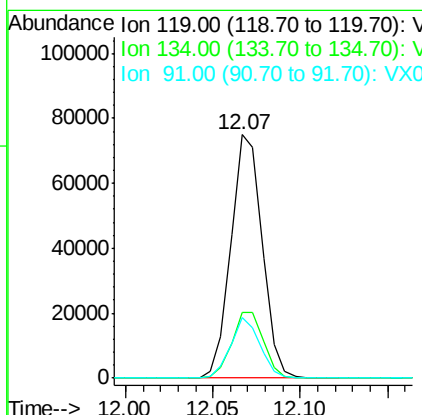
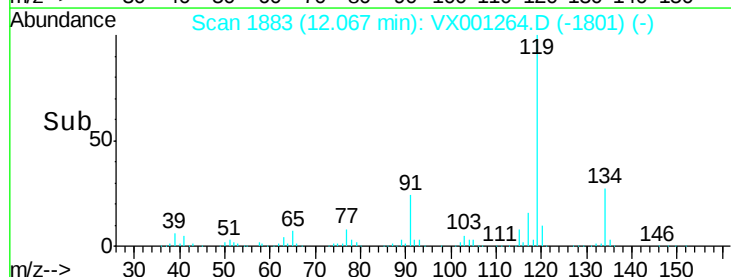
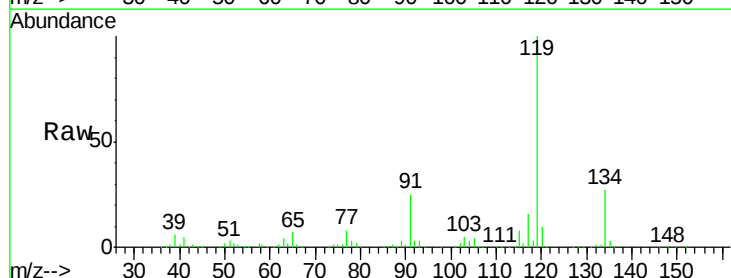
Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-04-QT2-2018

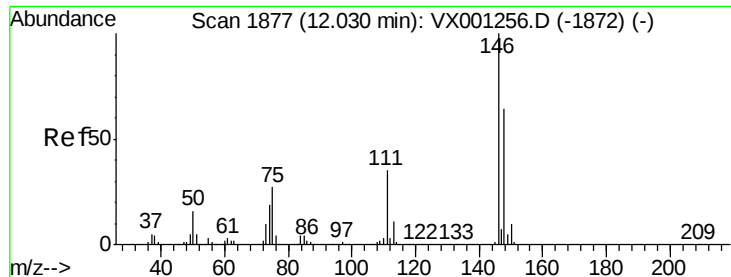
Tgt Ion:105 Resp: 104977
 Ion Ratio Lower Upper
 105 100
 134 21.5 0.0 41.8



#82
 p-Isopropyltoluene
 Concen: 9.58 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VX001264.D
 Acq: 30 Apr 2018 20:30

Tgt Ion:119 Resp: 93659
 Ion Ratio Lower Upper
 119 100
 134 27.5 0.0 54.4
 91 23.4 0.0 46.6

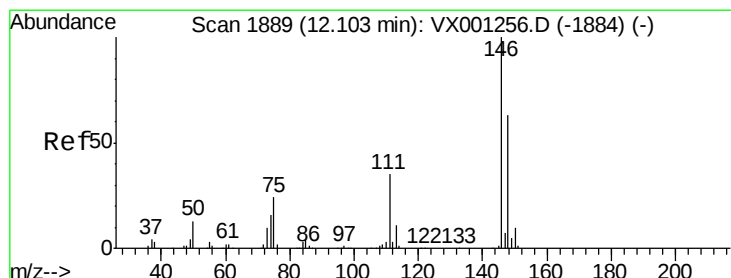
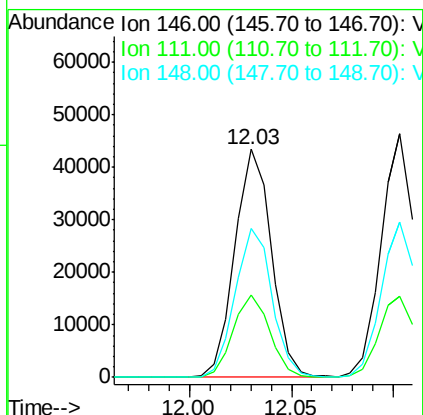
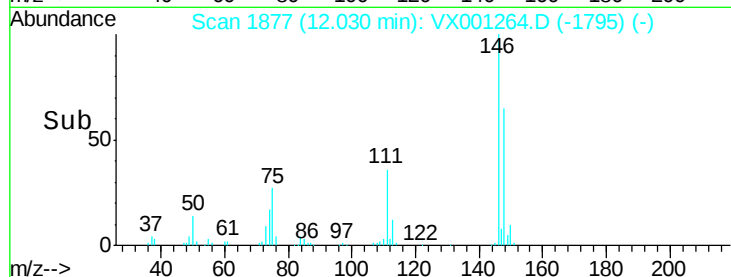
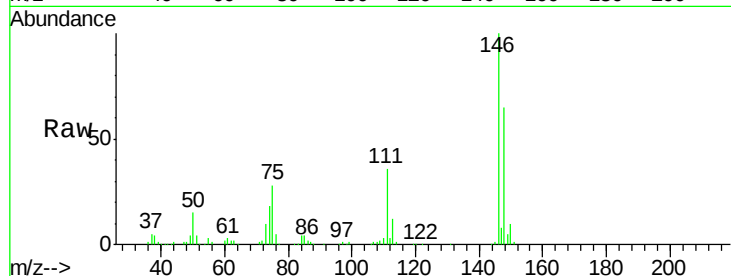




#83
 1,3-Dichlorobenzene
 Concen: 9.56 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX001264.D
 Acq: 30 Apr 2018 20:30

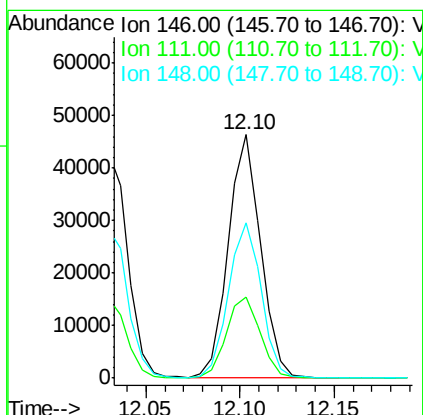
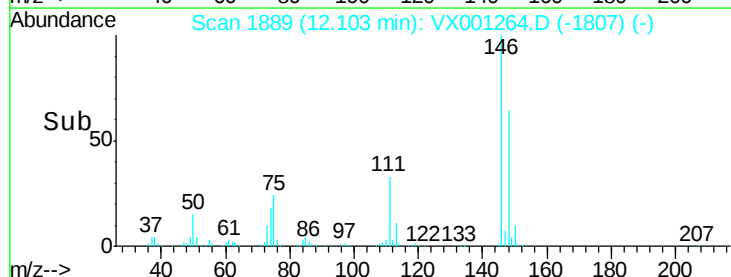
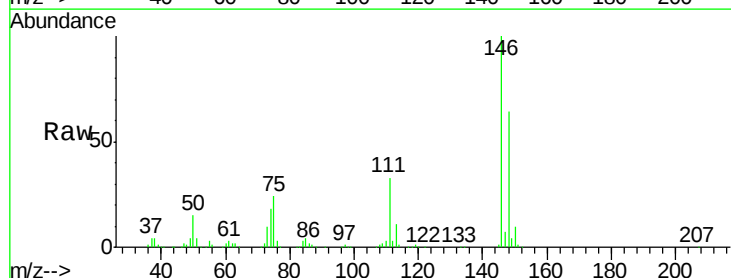
Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-04-QT2-2018

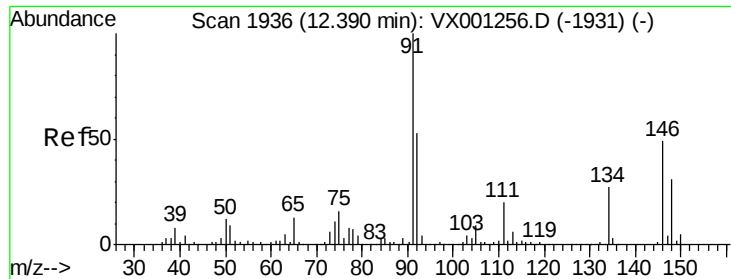
Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.9	19.4	58.2
148	65.7	32.6	97.7



#84
 1,4-Dichlorobenzene
 Concen: 9.55 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX001264.D
 Acq: 30 Apr 2018 20:30

Tgt Ion	Ratio	Lower	Upper
146	100		
111	34.5	18.4	55.0
148	64.5	31.9	95.7

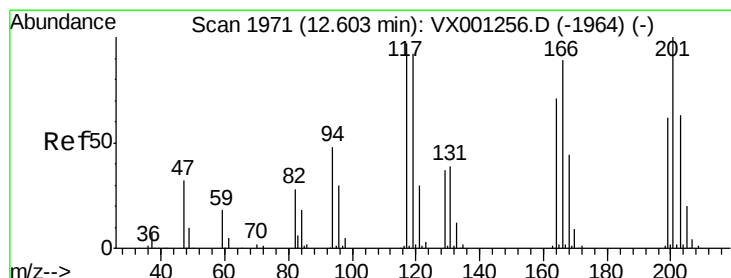
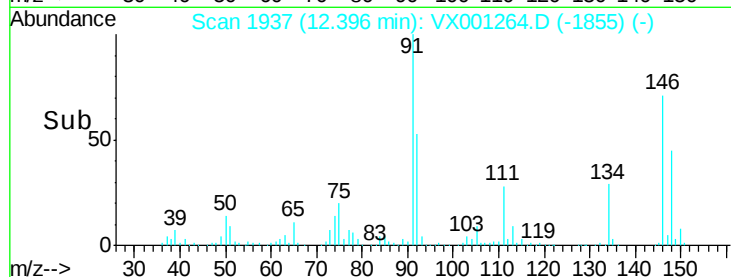
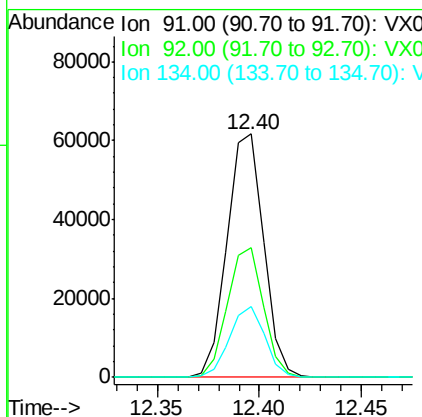
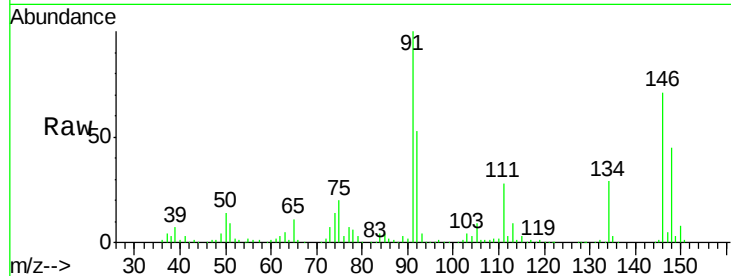




#85
n-Butylbenzene
Concen: 9.03 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX001264.D
Acq: 30 Apr 2018 20:30

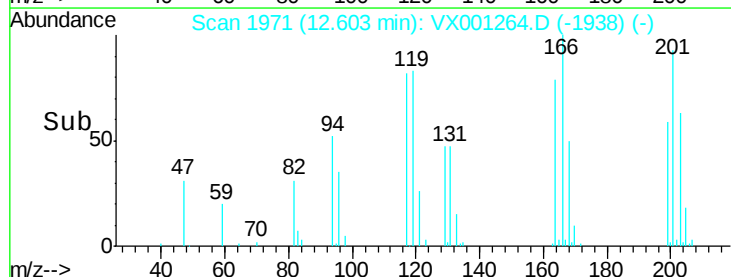
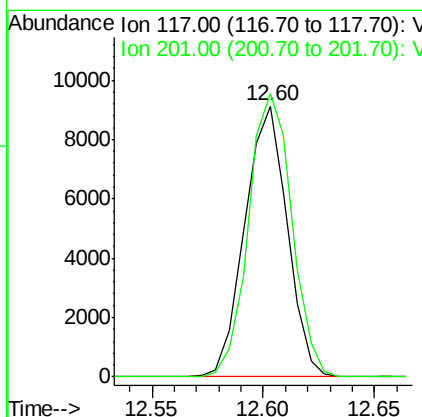
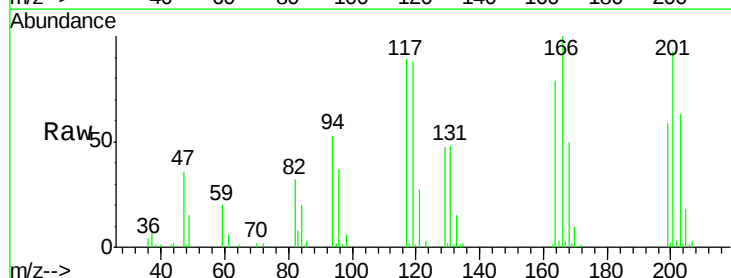
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-04-QT2-2018

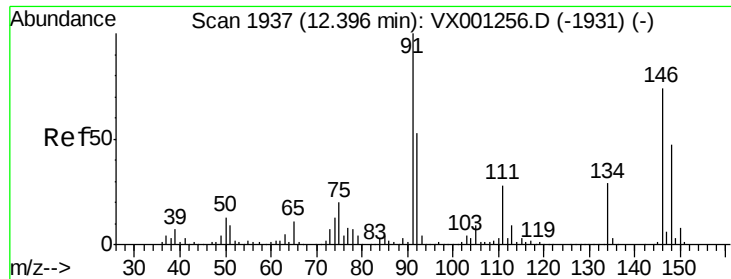
Tgt Ion: 91 Resp: 76386
Ion Ratio Lower Upper
91 100
92 52.5 0.0 102.0
134 28.3 0.0 54.2



#86
Hexachloroethane
Concen: 8.11 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX001264.D
Acq: 30 Apr 2018 20:30

Tgt Ion: 117 Resp: 12119
Ion Ratio Lower Upper
117 100
201 106.4 38.9 116.6

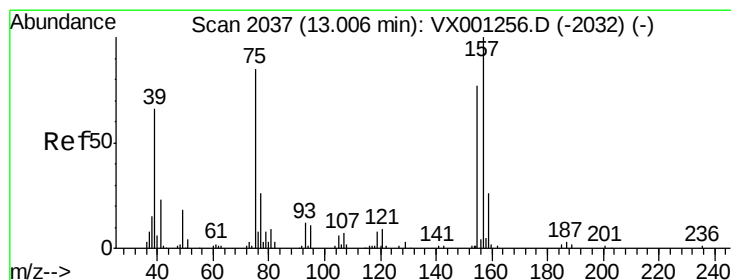
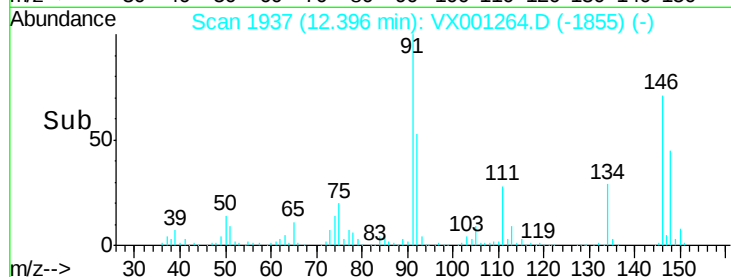
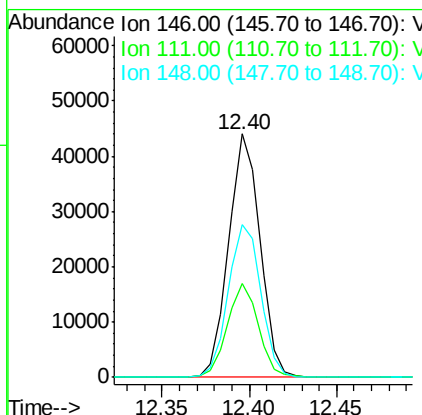
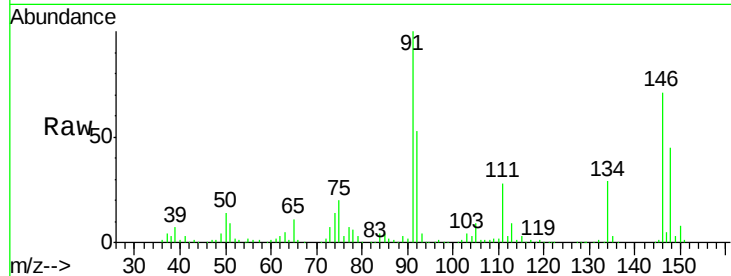




#87
 1,2-Dichlorobenzene
 Concen: 9.76 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX001264.D
 Acq: 30 Apr 2018 20:30

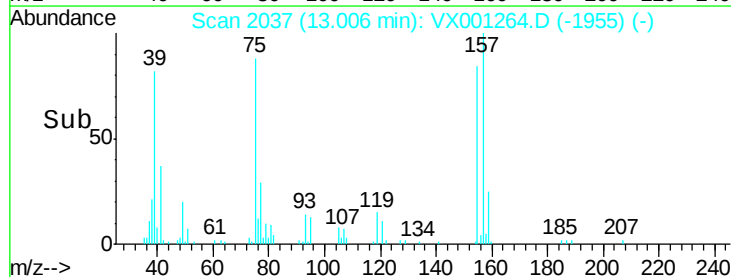
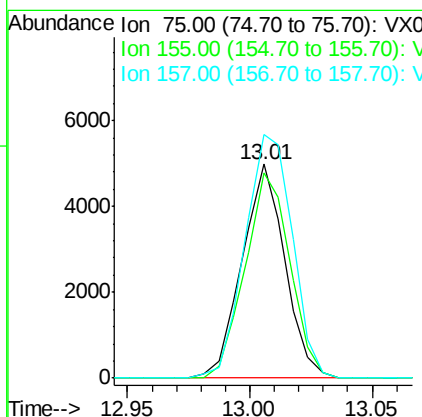
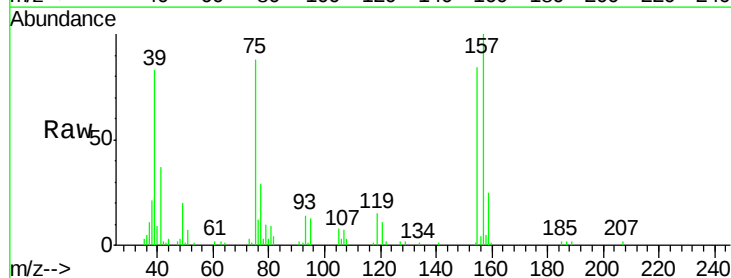
Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-04-QT2-2018

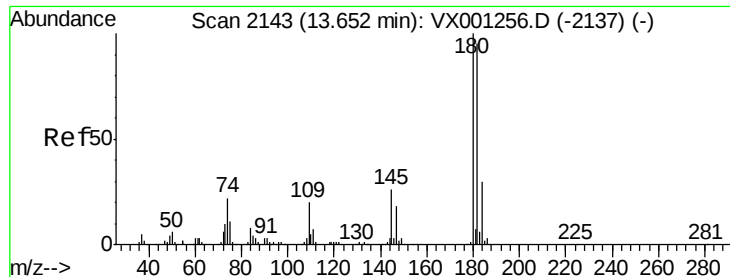
Tgt Ion: 146 Resp: 55146
 Ion Ratio Lower Upper
 146 100
 111 37.8 20.0 60.0
 148 65.0 31.6 95.0



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 9.24 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX001264.D
 Acq: 30 Apr 2018 20:30

Tgt Ion: 75 Resp: 6073
 Ion Ratio Lower Upper
 75 100
 155 100.6 75.1 112.7
 157 126.3 99.0 148.4

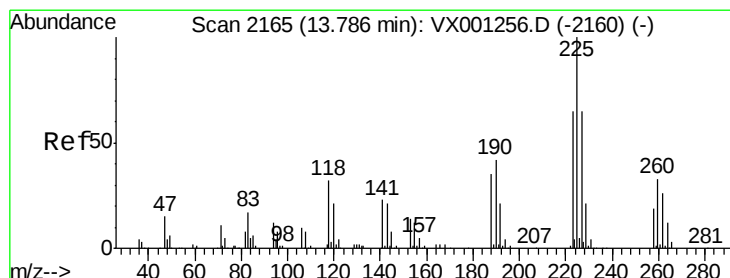
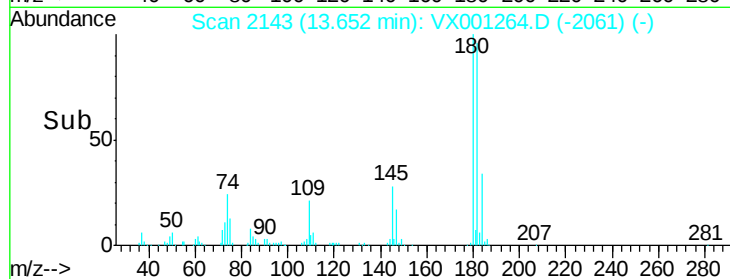
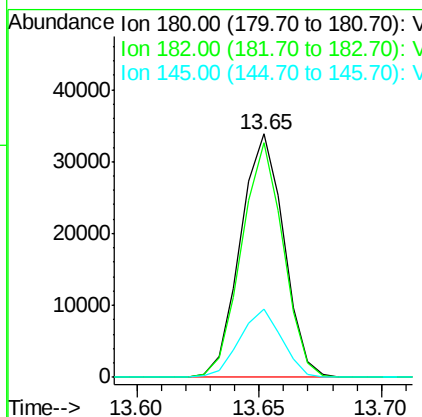
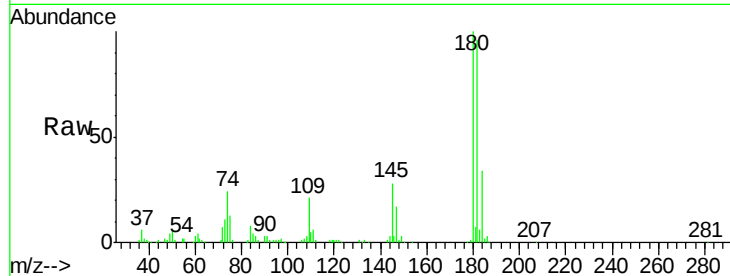




#89
 1,2,4-Trichlorobenzene
 Concen: 9.77 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX001264.D
 Acq: 30 Apr 2018 20:30

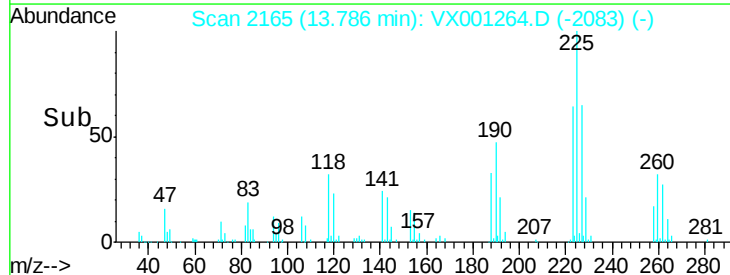
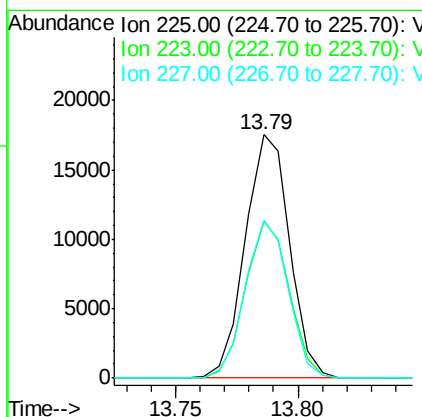
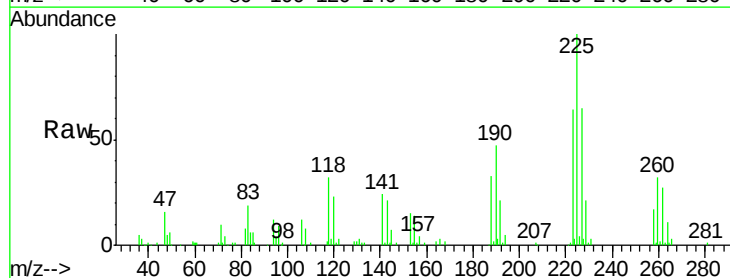
Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-04-QT2-2018

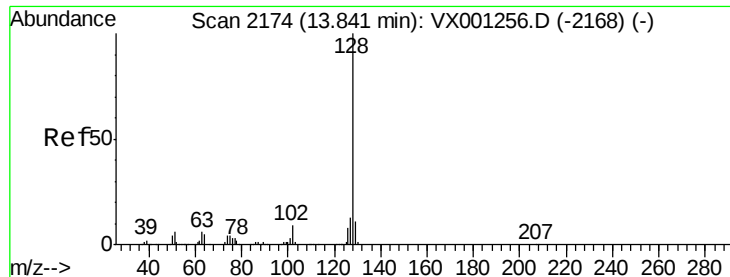
Tgt Ion:180 Resp: 41826
 Ion Ratio Lower Upper
 180 100
 182 92.9 76.3 114.5
 145 27.5 24.6 37.0



#90
 Hexachlorobutadiene
 Concen: 11.12 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX001264.D
 Acq: 30 Apr 2018 20:30

Tgt Ion:225 Resp: 22109
 Ion Ratio Lower Upper
 225 100
 223 63.8 0.0 131.2
 227 62.7 0.0 127.6





#91

Naphthalene

Concen: 10.36 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX001264.D

Acq: 30 Apr 2018 20:30

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-04-QT2-2018

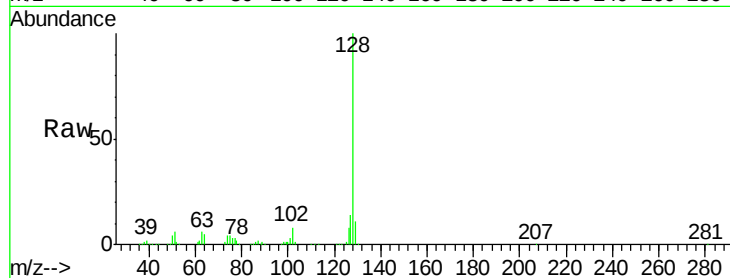
Tgt Ion:128 Resp: 115105

Ion Ratio Lower Upper

128 100

127 13.5 10.5 15.7

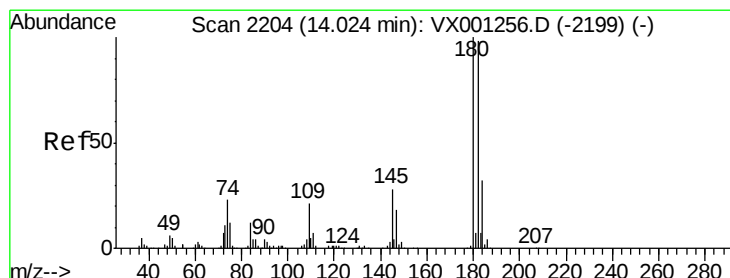
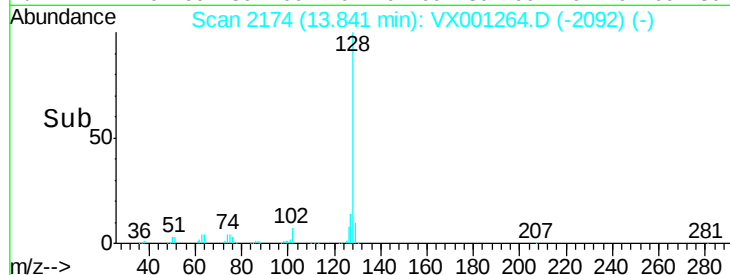
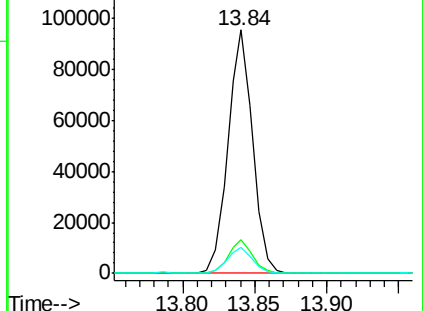
129 11.0 9.0 13.6



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



#92

1,2,3-Trichlorobenzene

Concen: 10.22 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX001264.D

Acq: 30 Apr 2018 20:30

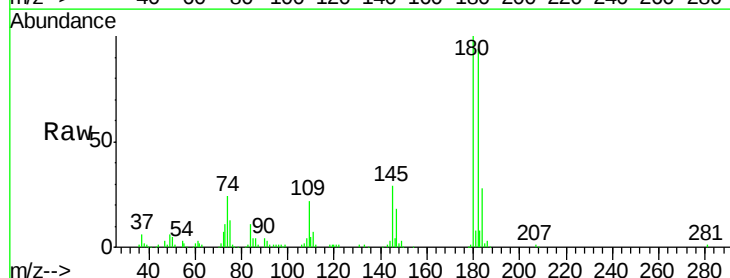
Tgt Ion:180 Resp: 43183

Ion Ratio Lower Upper

180 100

182 94.8 0.0 188.6

145 28.7 0.0 65.8



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

