

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX030420\
 Data File : VX015091.D
 Acq On : 04 Mar 2020 16:42
 Operator : JC/SP
 Sample : L1161-07 0.75PPB LOD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2020

Quant Time: Mar 05 08:05:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 07:49:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	361861	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	568131	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	520447	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	252256	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	216122	50.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.68%	
35) Dibromofluoromethane	5.49	113	171415	47.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.66%	
50) Toluene-d8	8.71	98	663099	48.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.28%	
62) 4-Bromofluorobenzene	11.14	95	225469	46.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.72%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.19	85	2584	0.815 ug/l	86
3) Chloromethane	1.32	50	4004	0.892 ug/l	95
4) Vinyl Chloride	1.40	62	4784	1.051 ug/l #	82
5) Bromomethane	1.64	94	3358	1.200 ug/l	96
6) Chloroethane	1.72	64	2431	0.890 ug/l #	86
7) Trichlorofluoromethane	1.92	101	4241	0.783 ug/l	98
8) Diethyl Ether	2.17	74	2027	0.826 ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	3181	0.934 ug/l	90
10) Methyl Iodide	2.50	142	3097	0.805 ug/l #	85
11) Tert butyl alcohol	3.04	59	3582	4.809 ug/l #	88
12) 1,1-Dichloroethene	2.37	96	3495	0.994 ug/l #	78
13) Acrolein	2.28	56	3285	4.693 ug/l	86
14) Allyl chloride	2.72	41	4873	0.795 ug/l #	75
15) Acrylonitrile	3.14	53	7738	4.172 ug/l	93
16) Acetone	2.43	43	7530	4.331 ug/l #	85
17) Carbon Disulfide	2.56	76	8937	0.915 ug/l	96
18) Methyl Acetate	2.76	43	4130	0.971 ug/l #	89
19) Methyl tert-butyl Ether	3.19	73	9085	0.827 ug/l #	84
20) Methylene Chloride	2.85	84	4312	1.060 ug/l #	90
21) trans-1,2-Dichloroethene	3.15	96	3064	0.816 ug/l #	69
22) Diisopropyl ether	3.86	45	8403	0.688 ug/l #	90
23) Vinyl Acetate	3.81	43	37257	3.710 ug/l	95
24) 1,1-Dichloroethane	3.69	63	5231	0.772 ug/l	98
25) 2-Butanone	4.68	43	8218	3.229 ug/l	93
27) cis-1,2-Dichloroethene	4.59	96	3341	0.793 ug/l	78
28) Bromochloromethane	5.00	49	3327	1.078 ug/l #	53
29) Tetrahydrofuran	5.13	42	6374	3.885 ug/l #	76
30) Chloroform	5.20	83	5127	0.776 ug/l #	80
31) Cyclohexane	5.58	56	4778	0.790 ug/l	99
32) 1,1,1-Trichloroethane	5.47	97	1873	0.342 ug/l #	4
36) 1,1-Dichloropropene	5.78	75	1740	0.331 ug/l #	62
37) Ethyl Acetate	4.83	43	4042	0.830 ug/l #	93
38) Carbon Tetrachloride	5.78	117	3283	0.662 ug/l #	93
39) Methylcyclohexane	7.46	83	4775	0.779 ug/l	89

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Benzene	6.14	78	12366	0.794	ug/l	92
41) Methacrylonitrile	5.04	41	1653	0.565	ug/l #	76
42) 1,2-Dichloroethane	6.20	62	5684	1.062	ug/l	80
43) Isopropyl Acetate	6.44	43	5618	0.655	ug/l #	77
44) Trichloroethene	7.21	130	3305	0.762	ug/l	95
45) 1,2-Dichloropropane	7.51	63	3516	0.872	ug/l #	74
46) Dibromomethane	7.66	93	2188	0.833	ug/l #	87
47) Bromodichloromethane	7.89	83	3617	0.696	ug/l #	78
48) Methyl methacrylate	7.78	41	2246	0.515	ug/l #	74
49) 1,4-Dioxane	7.75	88	1948	20.654	ug/l #	51
51) 4-Methyl-2-Pentanone	8.64	43	17564	3.466	ug/l	99
52) Toluene	8.78	92	8384	0.880	ug/l	92
53) t-1,3-Dichloropropene	9.04	75	3657	0.661	ug/l #	83
54) cis-1,3-Dichloropropene	8.43	75	4636	0.741	ug/l #	81
55) 1,1,2-Trichloroethane	9.21	97	2744	0.700	ug/l	91
56) Ethyl methacrylate	9.17	69	4731	0.846	ug/l #	81
58) 2-Chloroethyl Vinyl ether	8.31	63	9006	2.955	ug/l	90
59) 2-Hexanone	9.49	43	13116	3.492	ug/l	99
60) Dibromochloromethane	9.58	129	2805	0.681	ug/l	86
64) Tetrachloroethene	9.33	164	3624	0.842	ug/l #	87
65) Chlorobenzene	10.14	112	8677	0.830	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	3039	0.771	ug/l #	57
67) Ethyl Benzene	10.25	91	13543	0.763	ug/l	96
68) m/p-Xylenes	10.35	106	10270	1.521	ug/l	99
69) o-Xylene	10.70	106	4938	0.764	ug/l	82
70) Styrene	10.71	104	7563	0.682	ug/l	91
71) Bromoform	10.85	173	2110	0.691	ug/l #	88
73) Isopropylbenzene	11.01	105	11406	0.708	ug/l	100
74) N-ethyl acetate	10.89	43	4777	0.703	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	11.26	83	4402	0.820	ug/l #	92
76) 1,2,3-Trichloropropane	11.29	75	4199	0.835	ug/l	82
77) Bromobenzene	11.25	156	3814	0.849	ug/l	97
78) n-propylbenzene	11.35	91	14052	0.763	ug/l	90
79) 2-Chlorotoluene	11.42	91	8629	0.785	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	9657	0.720	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.13	75	113120	63.802	ug/l #	11
82) 4-Chlorotoluene	11.51	91	10524	0.810	ug/l	98
83) tert-Butylbenzene	11.76	119	9477	0.731	ug/l	89
84) 1,2,4-Trimethylbenzene	11.80	105	9233	0.685	ug/l	98
85) sec-Butylbenzene	11.94	105	10938	0.699	ug/l	89
86) p-Isopropyltoluene	12.06	119	9795	0.679	ug/l	88
87) 1,3-Dichlorobenzene	12.02	146	6784	0.859	ug/l	94
88) 1,4-Dichlorobenzene	12.02	146	6784	0.832	ug/l	91
89) n-Butylbenzene	12.39	91	9144	0.713	ug/l	91
90) Hexachloroethane	12.59	117	2292	0.840	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	6500	0.828	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	13.00	75	796	0.740	ug/l	68
93) 1,2,4-Trichlorobenzene	13.64	180	4633	0.850	ug/l	91
94) Hexachlorobutadiene	13.78	225	2509	0.897	ug/l	98
95) Naphthalene	13.83	128	9866	0.662	ug/l #	90

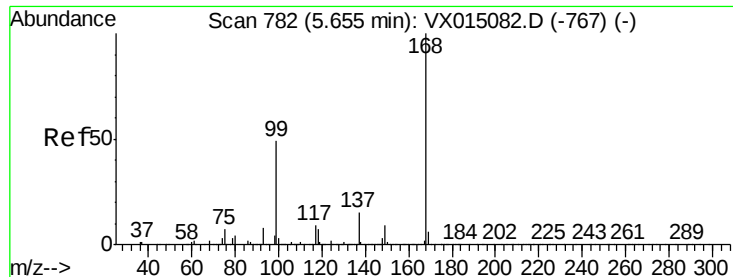
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	14.01	180	4679	0.861	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.00 min

Lab File: VX015091.D

Acq: 04 Mar 2020 16:42

Instrument :

MSVOA_X

ClientSampleId :

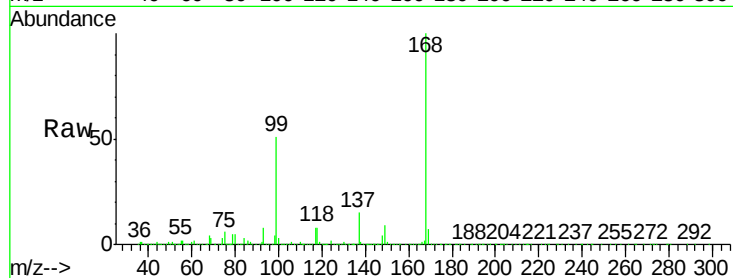
LOD-MDL-WATER-01-QT1-2020

Tgt Ion:168 Resp: 361861

Ion Ratio Lower Upper

168 100

99 51.0 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

150000

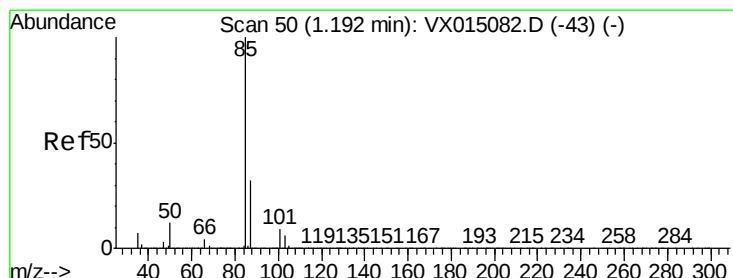
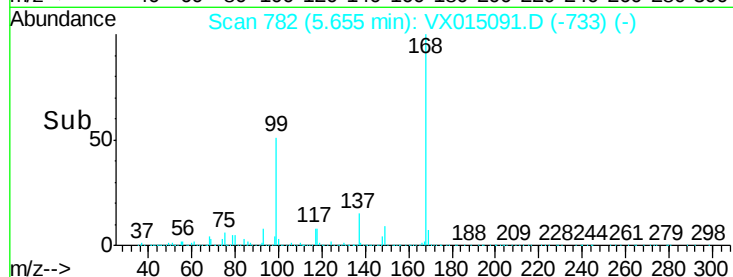
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 0.815 ug/l

RT: 1.19 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX015091.D

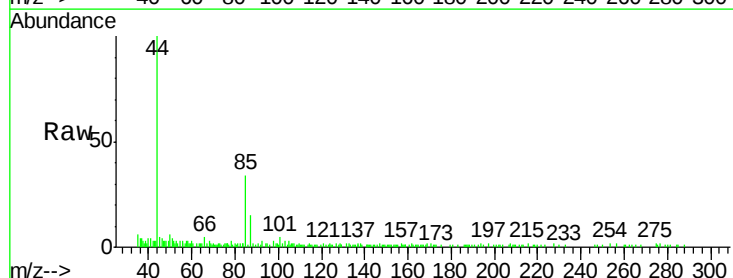
Acq: 04 Mar 2020 16:42

Tgt Ion: 85 Resp: 2584

Ion Ratio Lower Upper

85 100

87 40.0 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

3000

2500

2000

1500

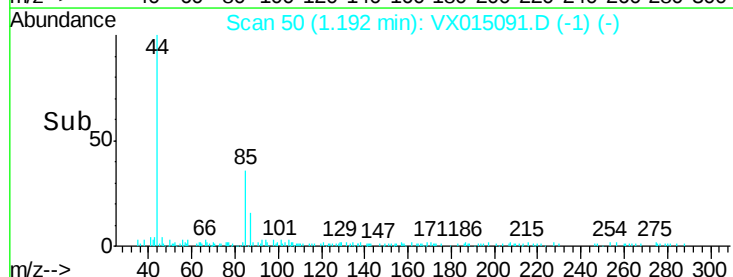
1000

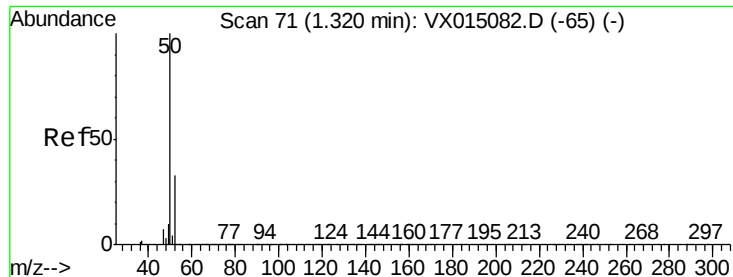
500

0

Time-->

1.15 1.20 1.25





#3

Chloromethane

Concen: 0.892 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX015091.D

Acq: 04 Mar 2020 16:42

Instrument :

MSVOA_X

ClientSampleId :

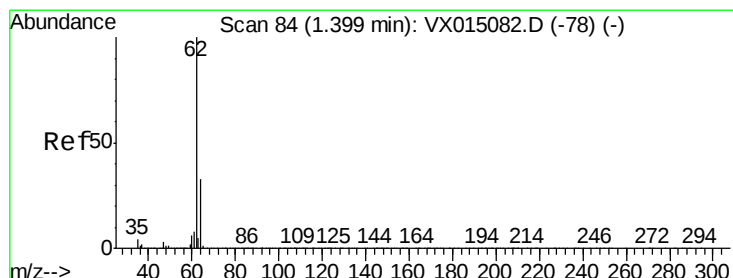
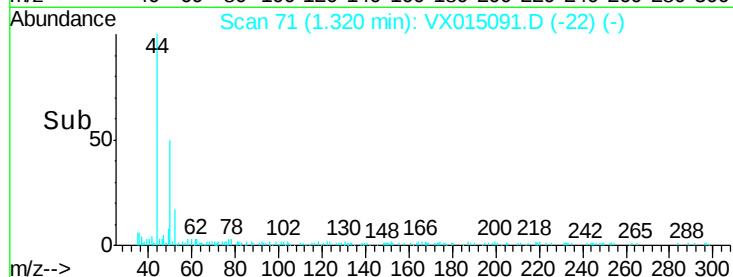
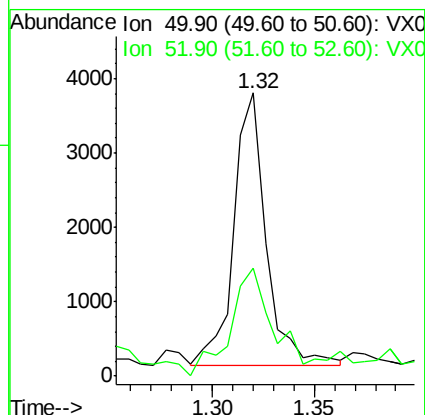
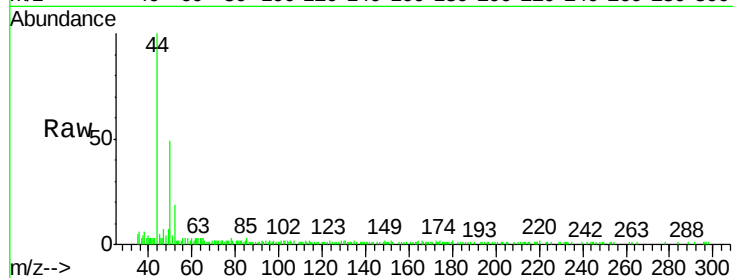
LOD-MDL-WATER-01-QT1-2020

Tgt Ion: 50 Resp: 4004

Ion Ratio Lower Upper

50 100

52 35.3 26.2 39.2



#4

Vinyl Chloride

Concen: 1.051 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX015091.D

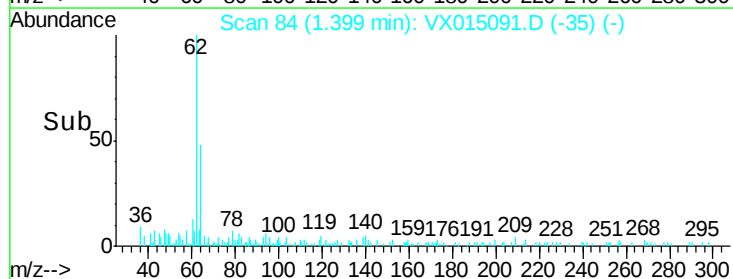
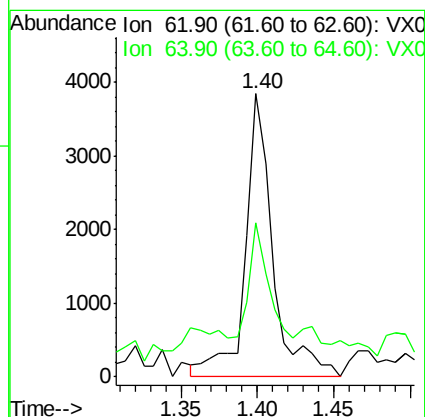
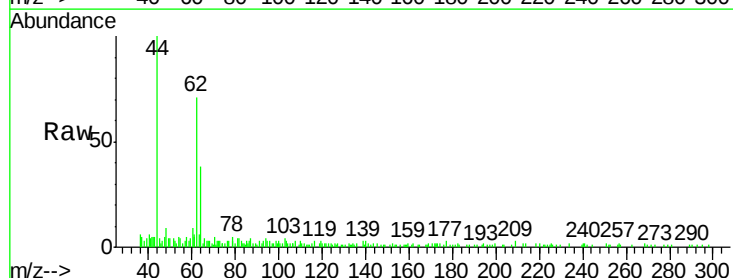
Acq: 04 Mar 2020 16:42

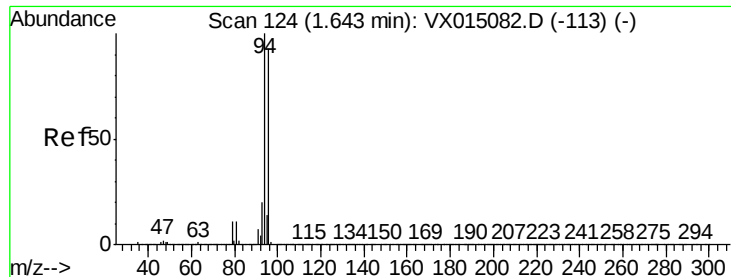
Tgt Ion: 62 Resp: 4784

Ion Ratio Lower Upper

62 100

64 42.9 26.1 39.1#





#5

Bromomethane

Concen: 1.200 ug/l

RT: 1.64 min Scan# 124

Delta R.T. -0.00 min

Lab File: VX015091.D

Acq: 04 Mar 2020 16:42

Instrument :

MSVOA_X

ClientSampleId :

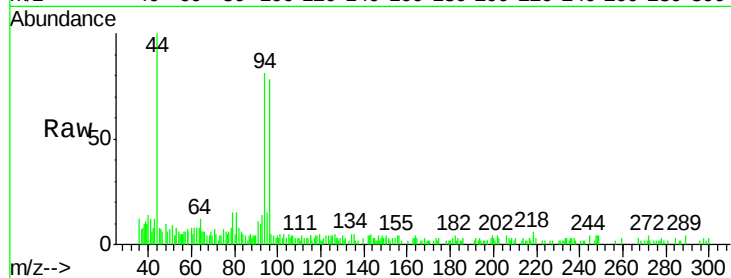
LOD-MDL-WATER-01-QT1-2020

Tgt Ion: 94 Resp: 3358

Ion Ratio Lower Upper

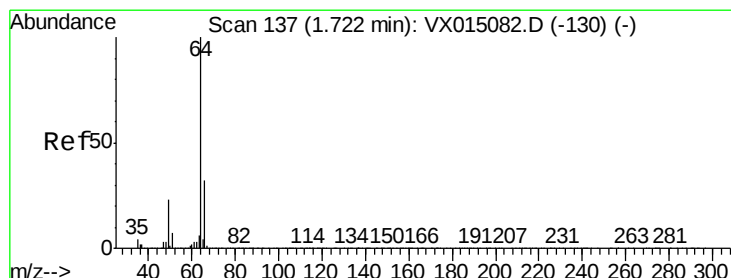
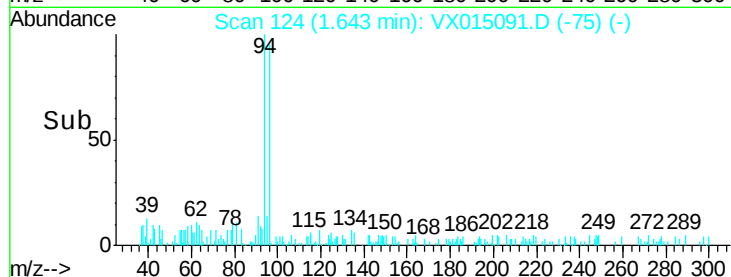
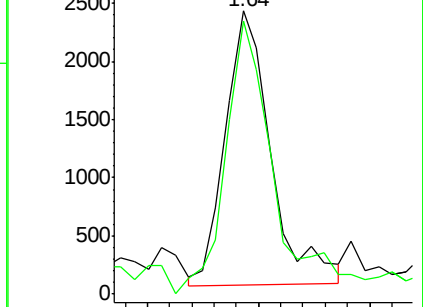
94 100

96 97.0 74.6 111.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 0.890 ug/l

RT: 1.72 min Scan# 137

Delta R.T. -0.00 min

Lab File: VX015091.D

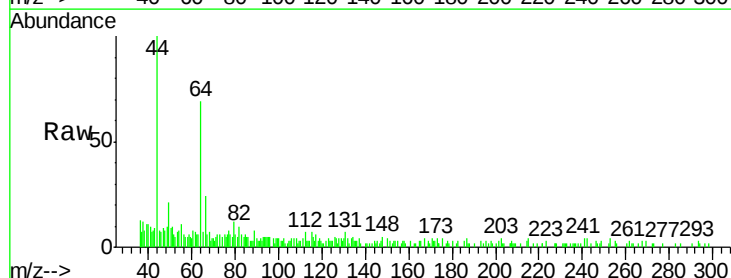
Acq: 04 Mar 2020 16:42

Tgt Ion: 64 Resp: 2431

Ion Ratio Lower Upper

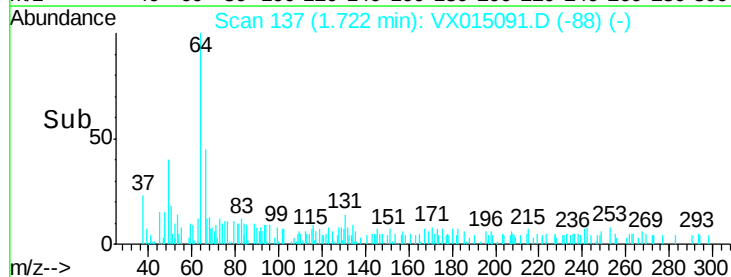
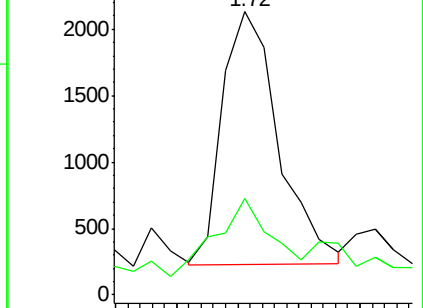
64 100

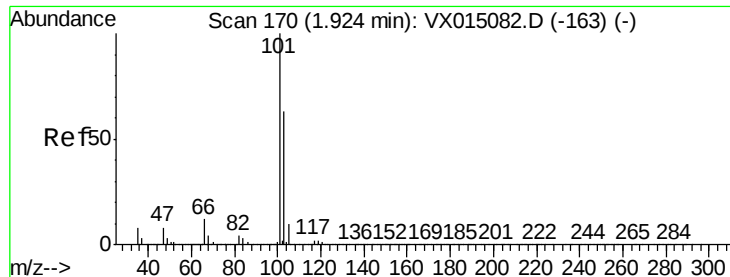
66 24.2 25.8 38.8#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



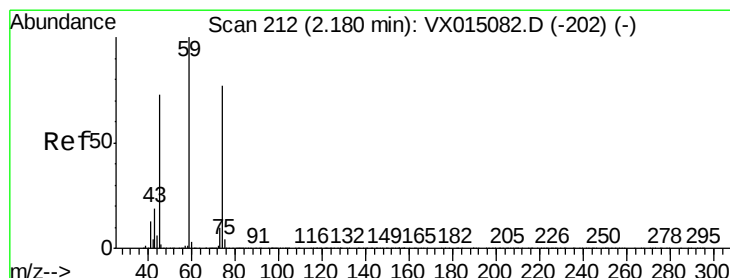
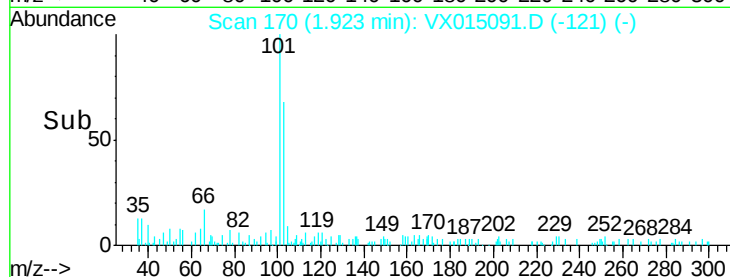
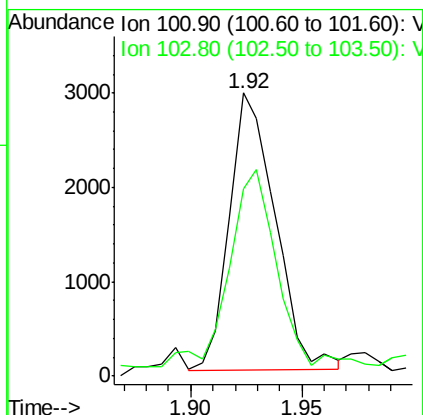
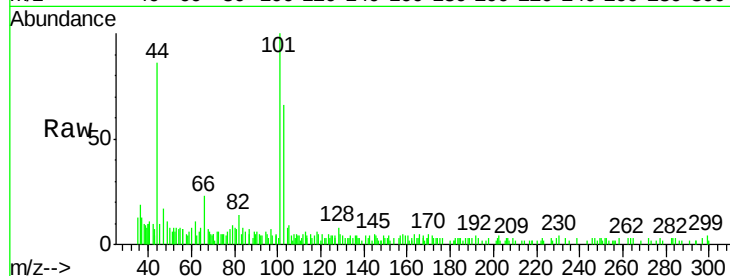


#7

Trichlorofluoromethane
Concen: 0.783 ug/l
RT: 1.92 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX015091.D
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MSVOA_X
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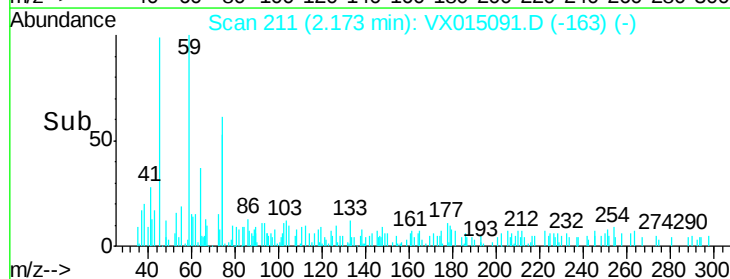
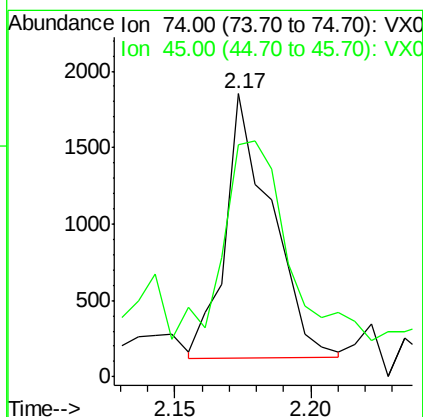
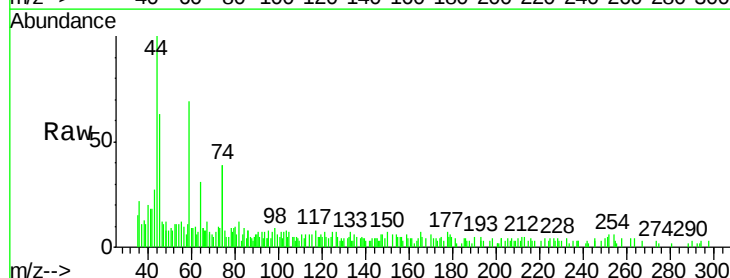
Tgt Ion:101 Resp: 4241
Ion Ratio Lower Upper
101 100
103 61.7 50.4 75.6

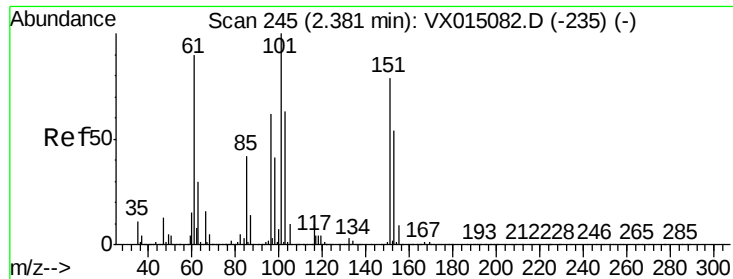


#8

Diethyl Ether
Concen: 0.826 ug/l
RT: 2.17 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX015091.D
Acq: 04 Mar 2020 16:42

Tgt Ion: 74 Resp: 2027
Ion Ratio Lower Upper
74 100
45 98.3 49.2 147.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.934 ug/l

RT: 2.38 min Scan# 245

Delta R.T. -0.00 min

Lab File: VX015091.D

Acq: 04 Mar 2020 16:42

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

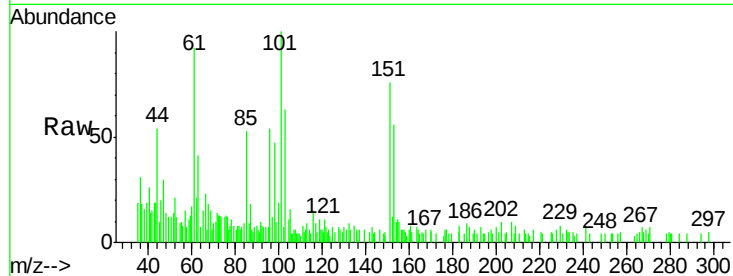
Tgt Ion:101 Resp: 3181

Ion Ratio Lower Upper

101 100

85 45.6 33.7 50.5

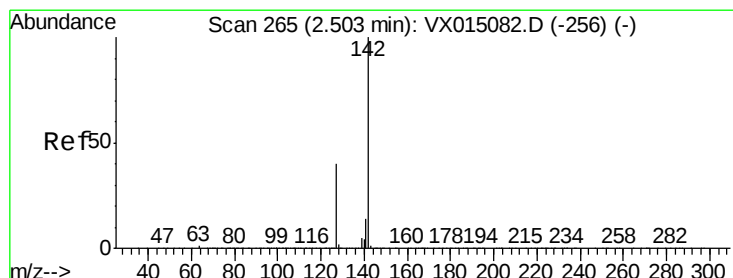
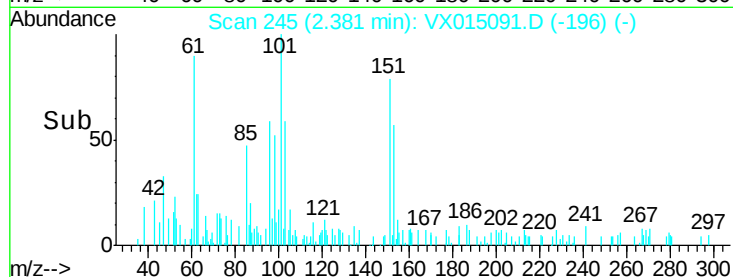
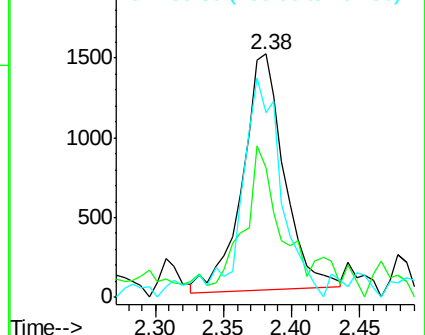
151 91.5 64.0 96.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 0.805 ug/l

RT: 2.50 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX015091.D

Acq: 04 Mar 2020 16:42

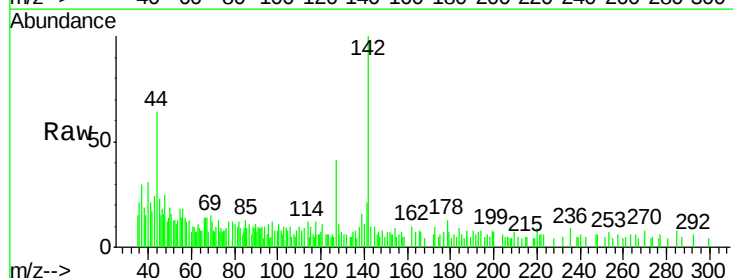
Tgt Ion:142 Resp: 3097

Ion Ratio Lower Upper

142 100

127 50.9 31.7 47.5#

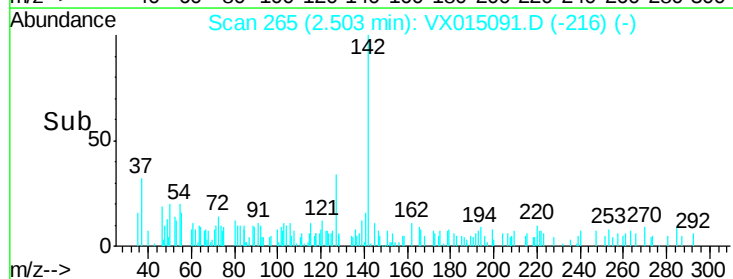
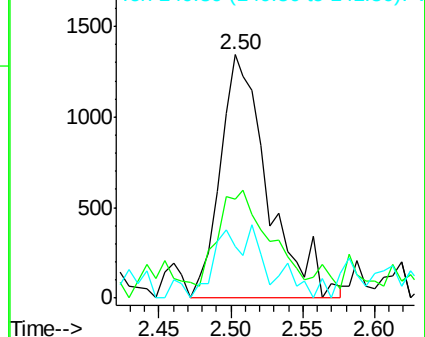
141 16.2 11.3 16.9

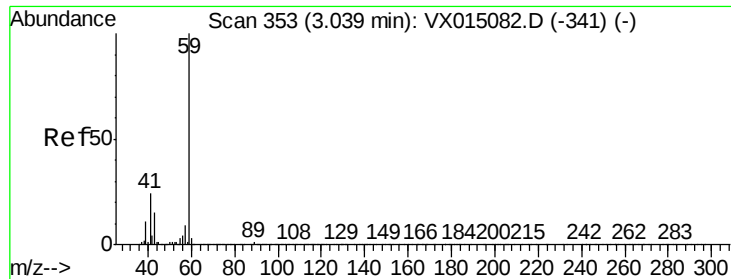


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



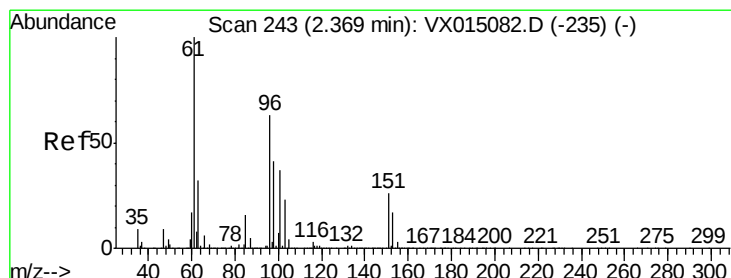
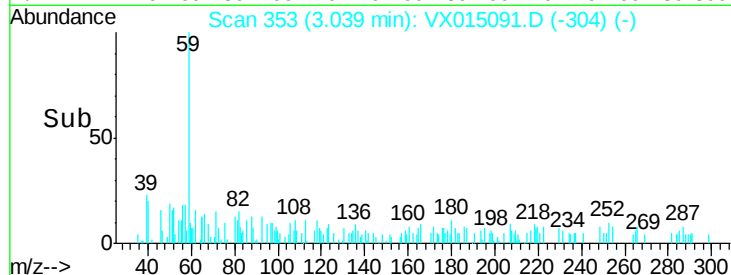
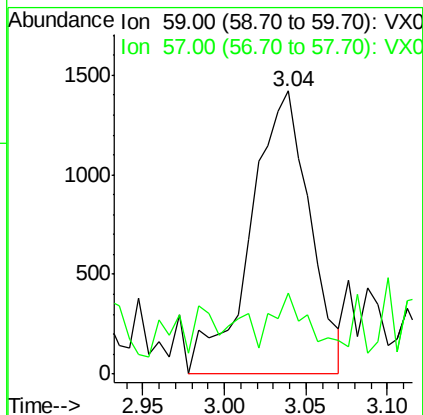
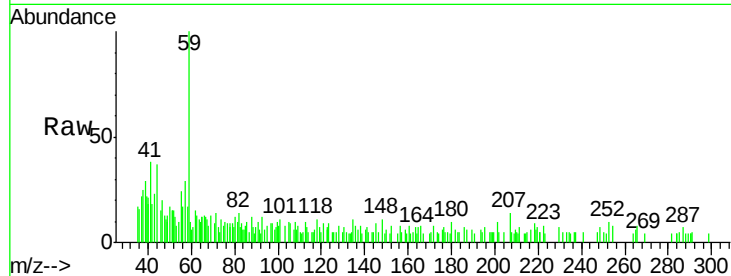


#11

Tert butyl alcohol
 Concen: 4.809 ug/l
 RT: 3.04 min Scan# 353
 Delta R.T. -0.00 min
 Lab File: VX015091.D
 Acq: 04 Mar 2020 16:42

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2020

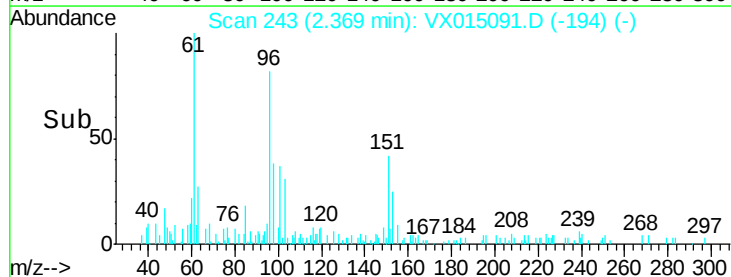
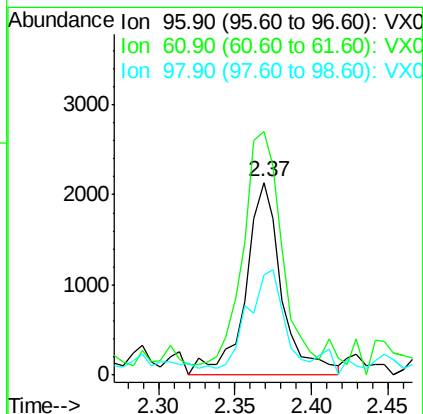
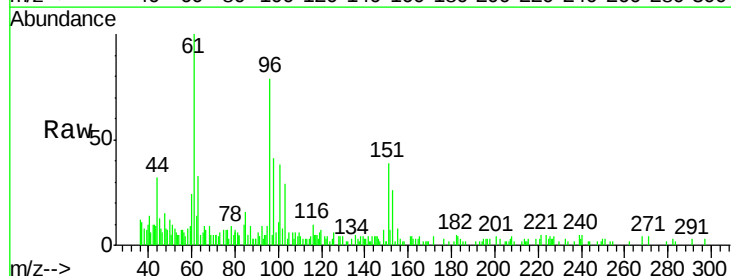
Tgt Ion: 59 Resp: 3582
 Ion Ratio Lower Upper
 59 100
 57 14.7 8.2 12.4#

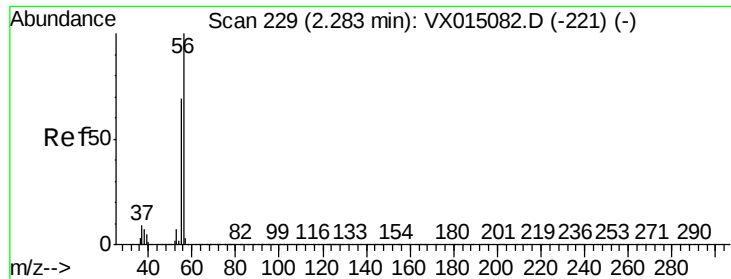


#12

1,1-Dichloroethene
 Concen: 0.994 ug/l
 RT: 2.37 min Scan# 243
 Delta R.T. -0.00 min
 Lab File: VX015091.D
 Acq: 04 Mar 2020 16:42

Tgt Ion: 96 Resp: 3495
 Ion Ratio Lower Upper
 96 100
 61 126.4 126.2 189.4
 98 50.6 51.4 77.0#

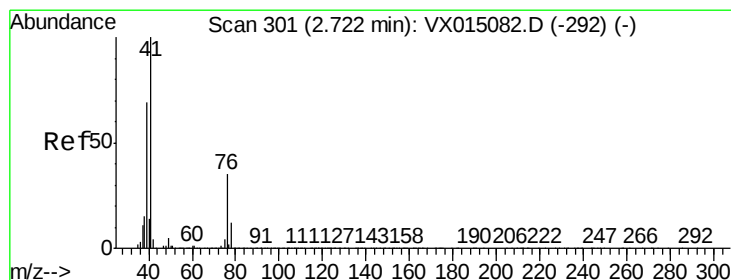
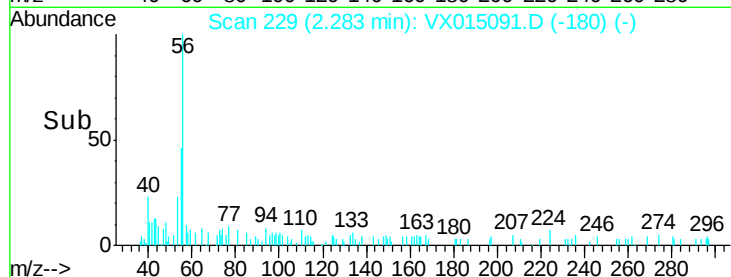
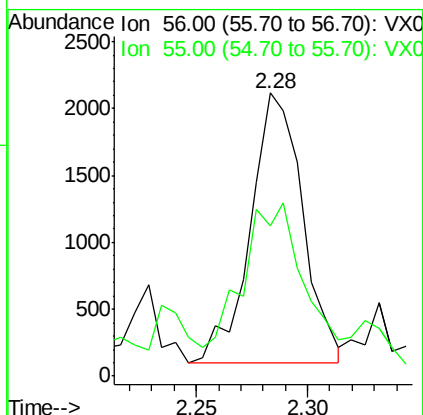
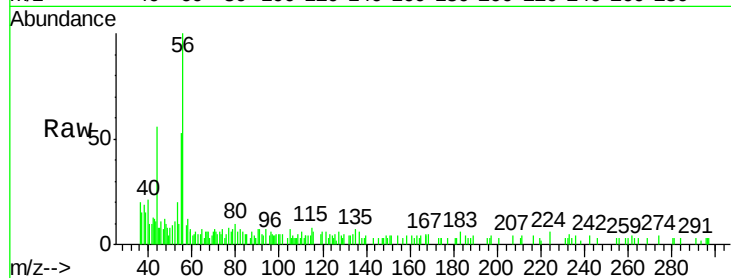




#13
Acrolein
Concen: 4.693 ug/l
RT: 2.28 min Scan# 229
Delta R.T. -0.00 min
Lab File: VX015091.D
Acq: 04 Mar 2020 16:42

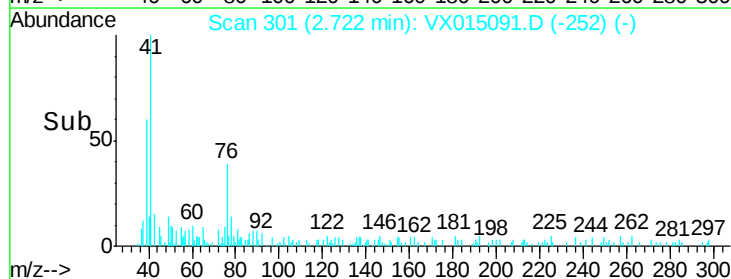
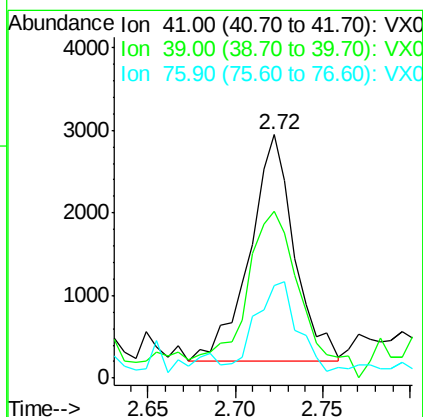
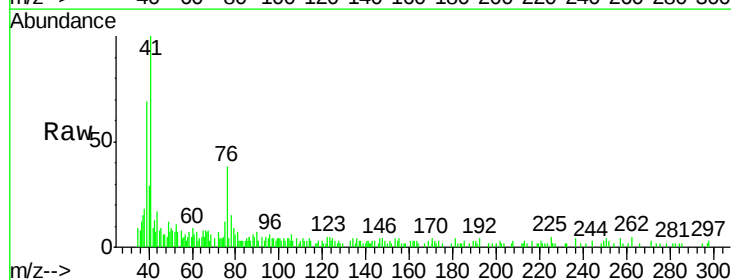
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

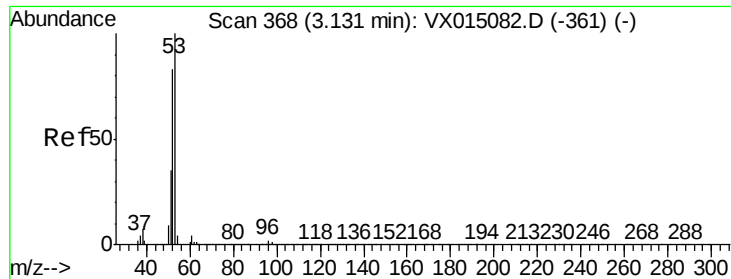
Tgt Ion: 56 Resp: 3285
Ion Ratio Lower Upper
56 100
55 57.5 55.4 83.0



#14
Allyl chloride
Concen: 0.795 ug/l
RT: 2.72 min Scan# 301
Delta R.T. -0.00 min
Lab File: VX015091.D
Acq: 04 Mar 2020 16:42

Tgt Ion: 41 Resp: 4873
Ion Ratio Lower Upper
41 100
39 94.5 52.9 79.3#
76 34.9 26.8 40.2





#15

Acrylonitrile

Concen: 4.172 ug/l

RT: 3.14 min Scan# 369

Delta R.T. 0.01 min

Lab File: VX015091.D

Acq: 04 Mar 2020 16:42

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

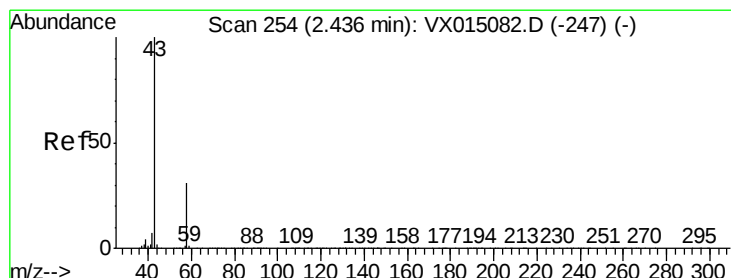
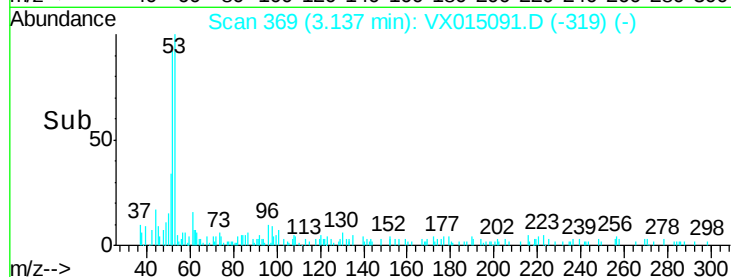
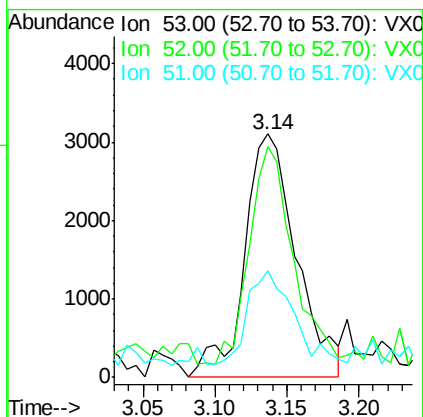
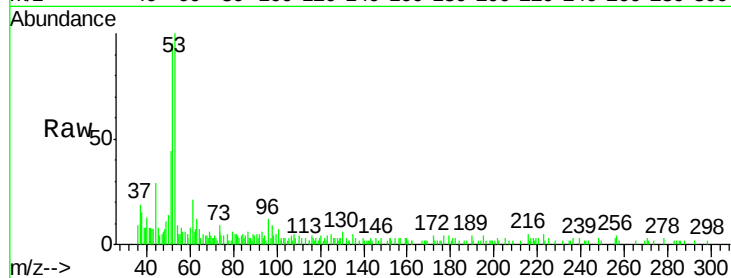
Tgt Ion: 53 Resp: 7738

Ion Ratio Lower Upper

53 100

52 75.7 66.6 100.0

51 33.6 29.0 43.6



#16

Acetone

Concen: 4.331 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX015091.D

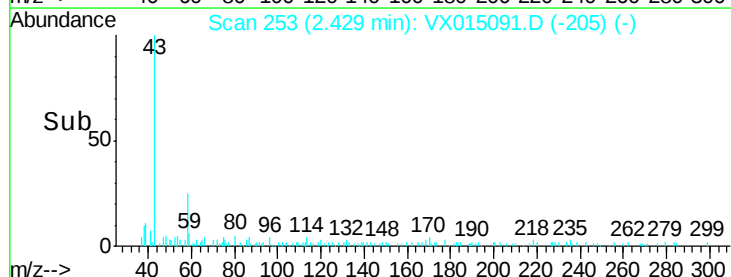
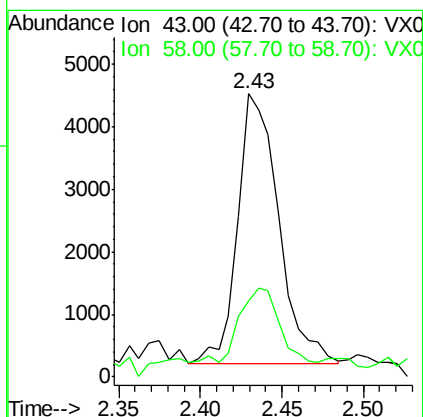
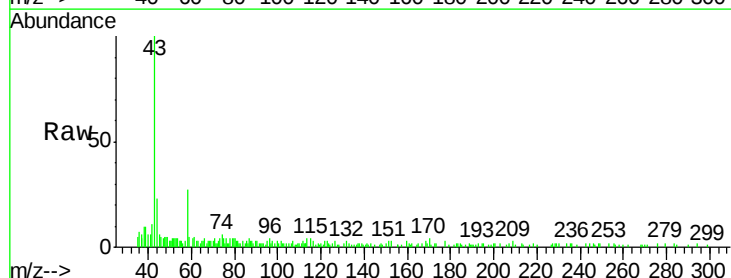
Acq: 04 Mar 2020 16:42

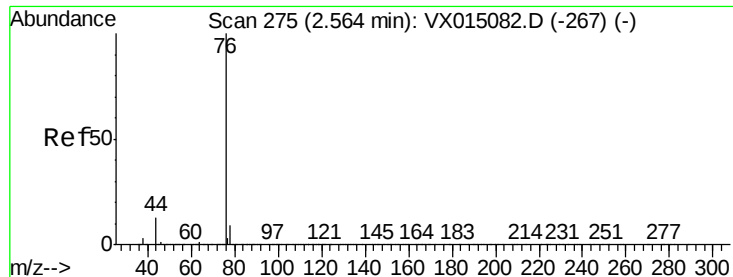
Tgt Ion: 43 Resp: 7530

Ion Ratio Lower Upper

43 100

58 22.8 24.8 37.2#





#17

Carbon Disulfide

Concen: 0.915 ug/l

RT: 2.56 min Scan# 275

Delta R.T. -0.00 min

Lab File: VX015091.D

Acq: 04 Mar 2020 16:42

Instrument :

MSVOA_X

ClientSampleId :

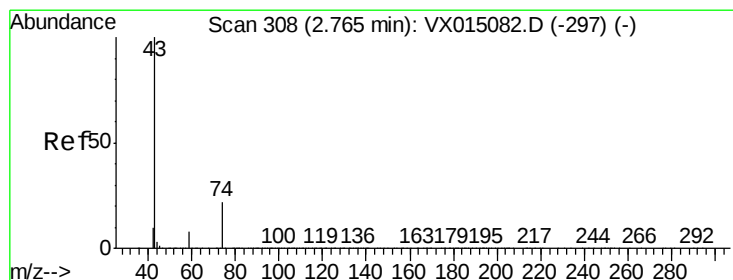
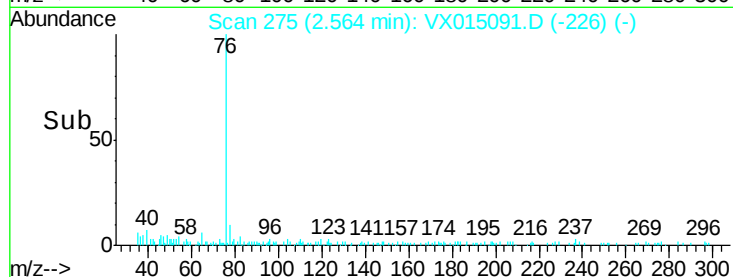
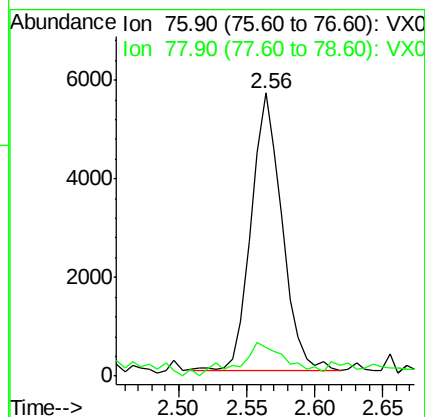
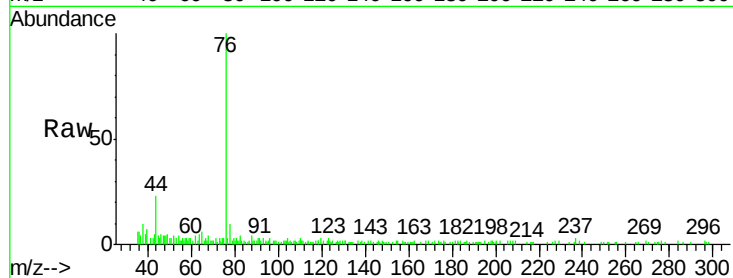
LOD-MDL-WATER-01-QT1-2020

Tgt Ion: 76 Resp: 8937

Ion Ratio Lower Upper

76 100

78 7.6 7.3 10.9



#18

Methyl Acetate

Concen: 0.971 ug/l

RT: 2.76 min Scan# 308

Delta R.T. -0.00 min

Lab File: VX015091.D

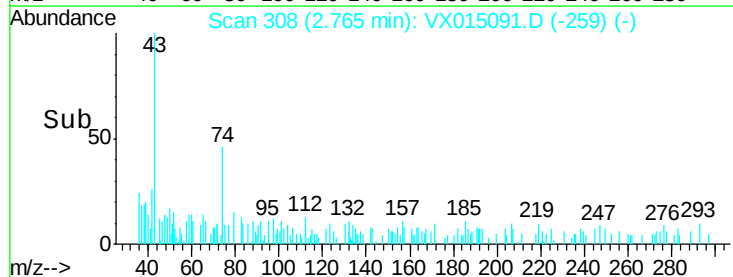
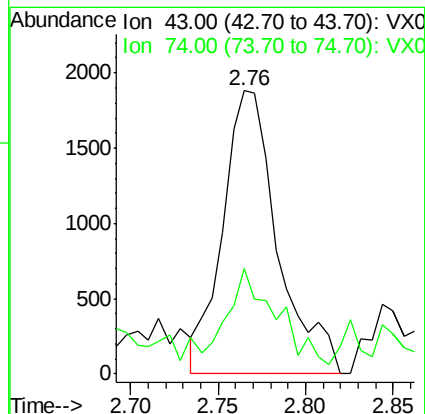
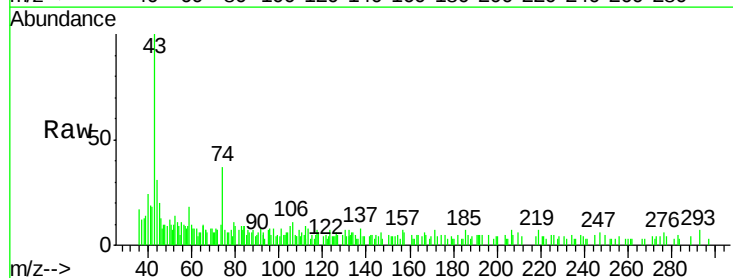
Acq: 04 Mar 2020 16:42

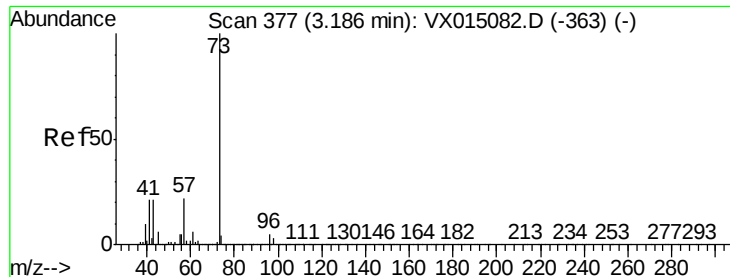
Tgt Ion: 43 Resp: 4130

Ion Ratio Lower Upper

43 100

74 29.1 18.8 28.2#



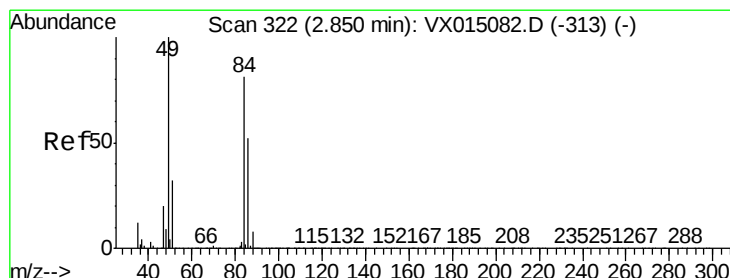
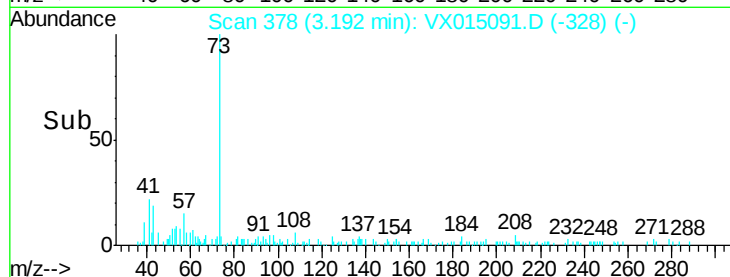
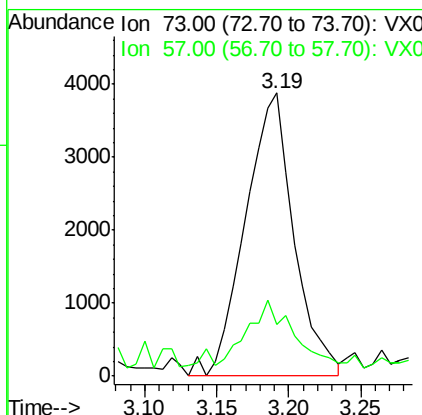
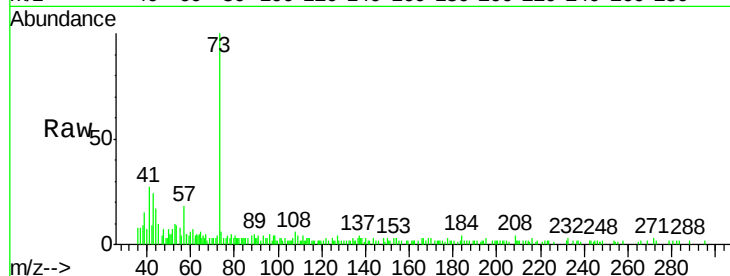


#19

Methyl tert-butyl Ether
 Concen: 0.827 ug/l
 RT: 3.19 min Scan# 378
 Delta R.T. 0.01 min
 Lab File: VX015091.D
 Acq: 04 Mar 2020 16:42

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2020

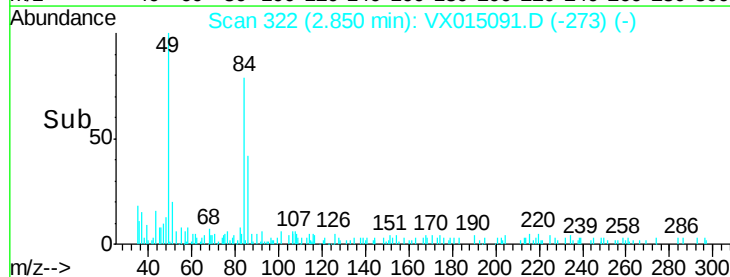
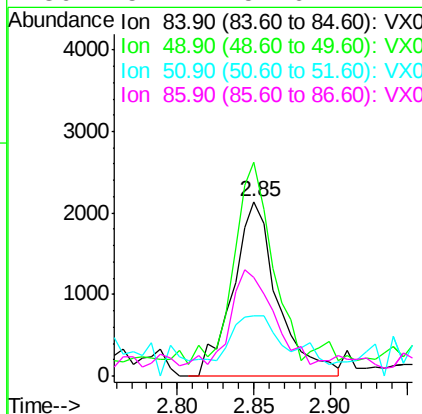
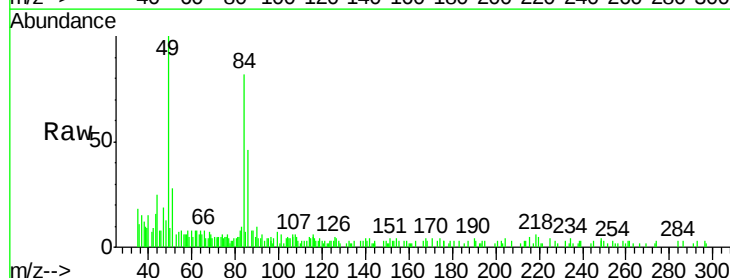
Tgt Ion: 73 Resp: 9085
 Ion Ratio Lower Upper
 73 100
 57 14.7 17.8 26.6#

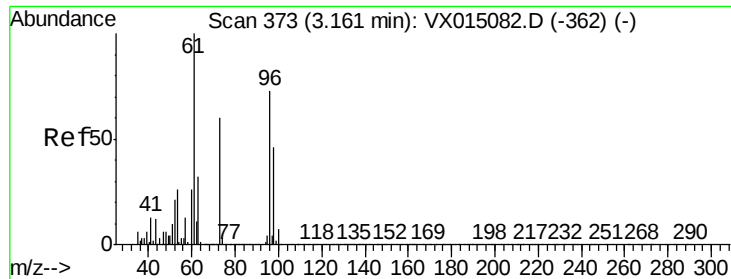


#20

Methylene Chloride
 Concen: 1.060 ug/l
 RT: 2.85 min Scan# 322
 Delta R.T. -0.00 min
 Lab File: VX015091.D
 Acq: 04 Mar 2020 16:42

Tgt Ion: 84 Resp: 4312
 Ion Ratio Lower Upper
 84 100
 49 120.3 99.4 149.2
 51 27.5 31.5 47.3#
 86 52.4 51.6 77.4





#21

trans-1,2-Dichloroethene

Concen: 0.816 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX015091.D

Acq: 04 Mar 2020 16:42

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

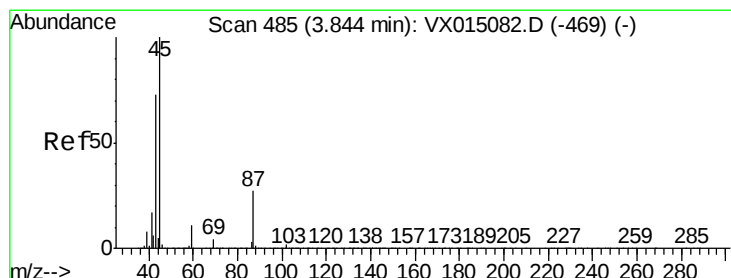
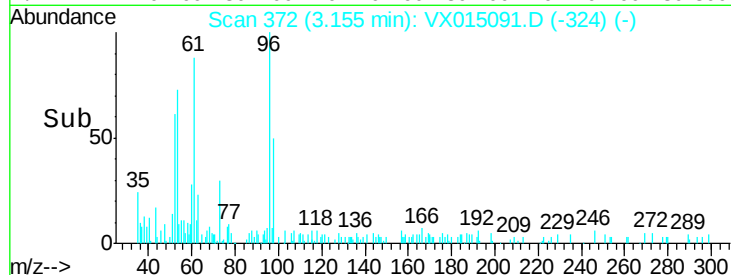
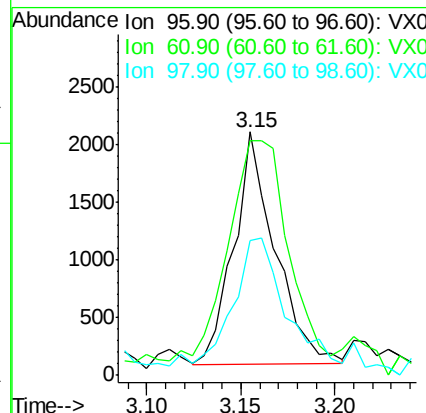
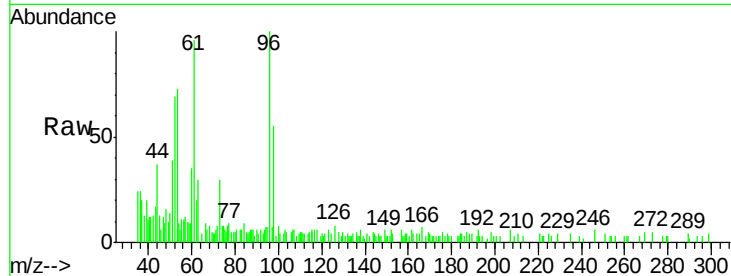
Tgt Ion: 96 Resp: 3064

Ion Ratio Lower Upper

96 100

61 93.0 109.9 164.9#

98 49.4 50.2 75.2#



#22

Diisopropyl ether

Concen: 0.688 ug/l

RT: 3.86 min Scan# 487

Delta R.T. 0.01 min

Lab File: VX015091.D

Acq: 04 Mar 2020 16:42

Tgt Ion: 45 Resp: 8403

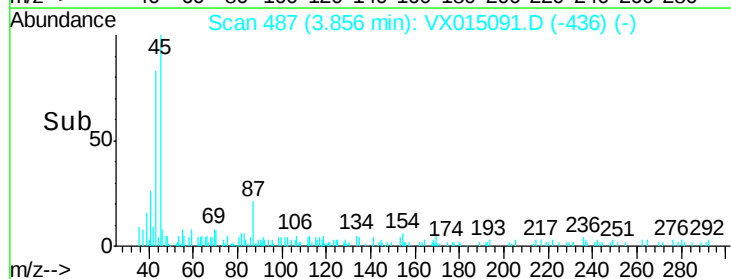
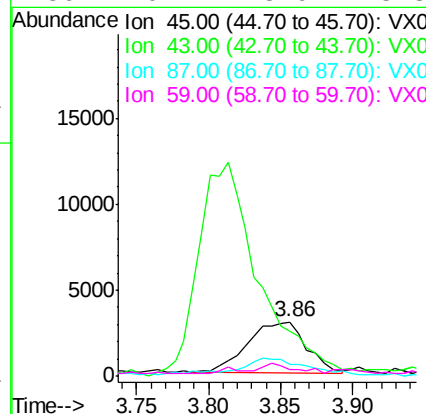
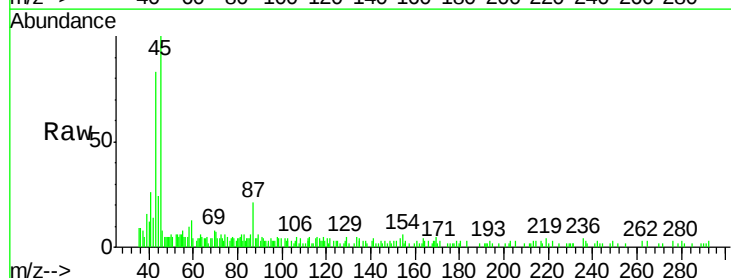
Ion Ratio Lower Upper

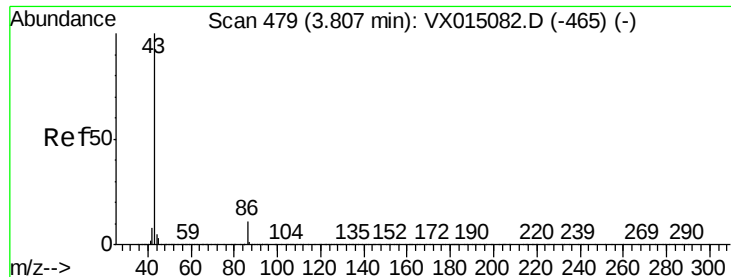
45 100

43 76.8 58.2 87.2

87 13.3 21.2 31.8#

59 9.2 8.9 13.3





#23

Vinyl Acetate

Concen: 3.710 ug/l

RT: 3.81 min Scan# 480

Delta R.T. 0.01 min

Lab File: VX015091.D

Acq: 04 Mar 2020 16:42

Instrument :

MSVOA_X

ClientSampleId :

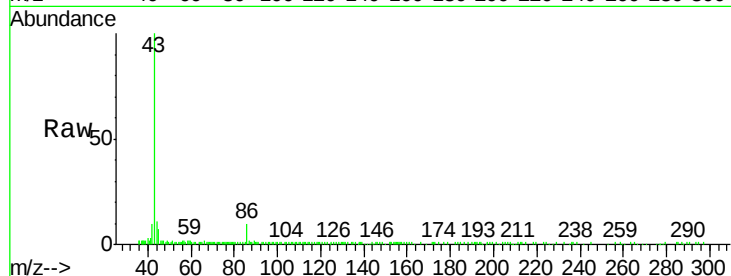
LOD-MDL-WATER-01-QT1-2020

Tgt Ion: 43 Resp: 37257

Ion Ratio Lower Upper

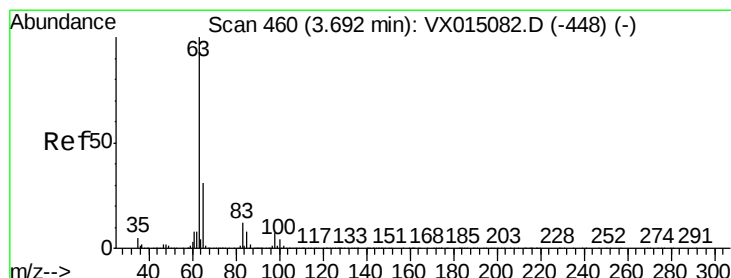
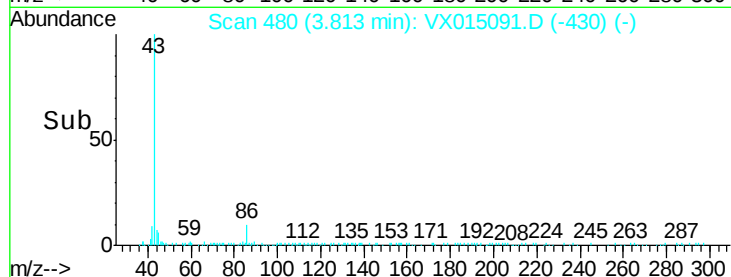
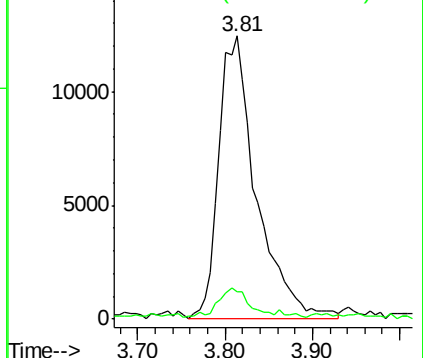
43 100

86 8.7 8.6 12.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 0.772 ug/l

RT: 3.69 min Scan# 460

Delta R.T. -0.00 min

Lab File: VX015091.D

Acq: 04 Mar 2020 16:42

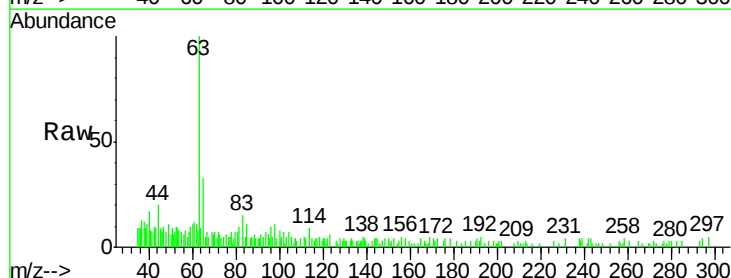
Tgt Ion: 63 Resp: 5231

Ion Ratio Lower Upper

63 100

98 8.4 3.7 11.1

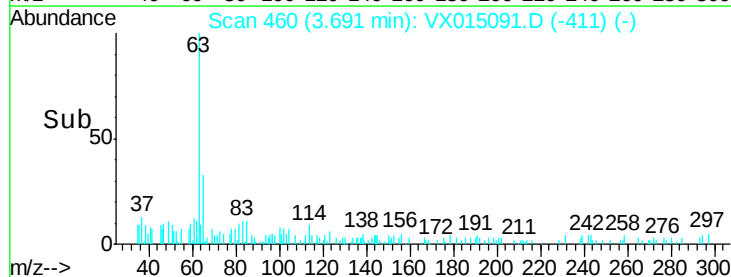
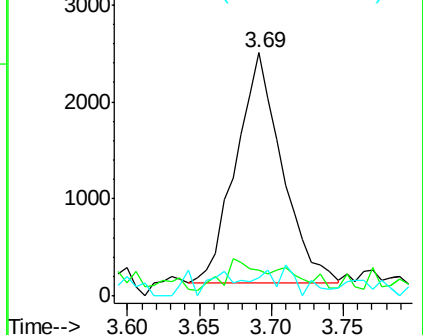
100 4.4 2.1 6.5

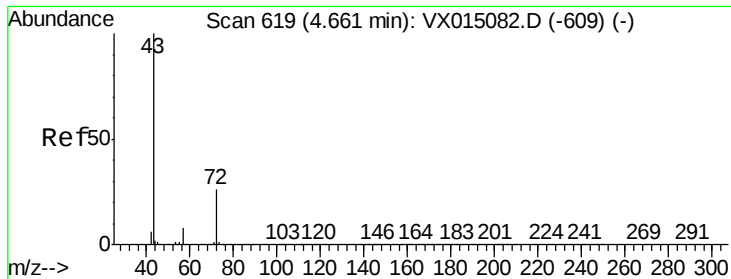


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

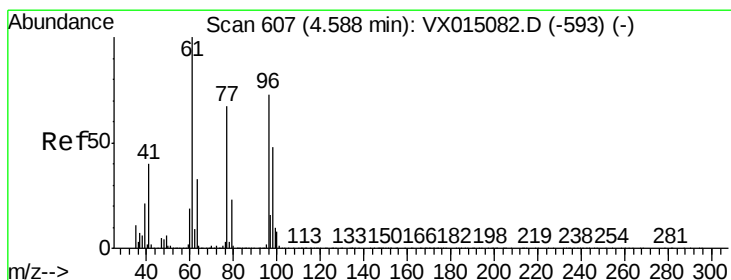
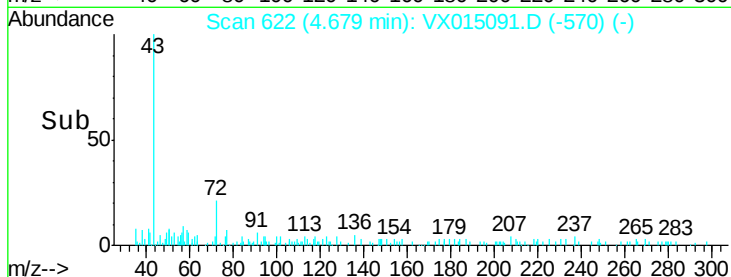
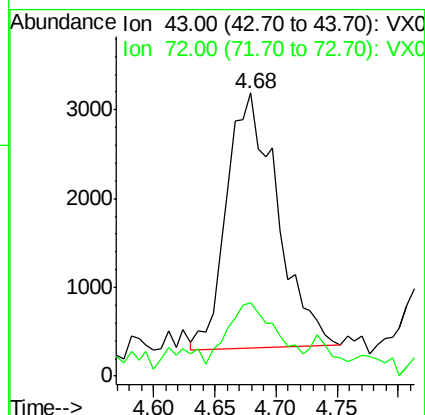
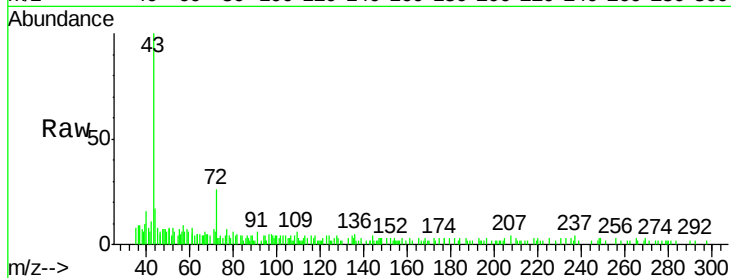




#25
2-Butanone
Concen: 3.229 ug/l
RT: 4.68 min Scan# 622
Delta R.T. 0.02 min
Lab File: VX015091.D
Acq: 04 Mar 2020 16:42

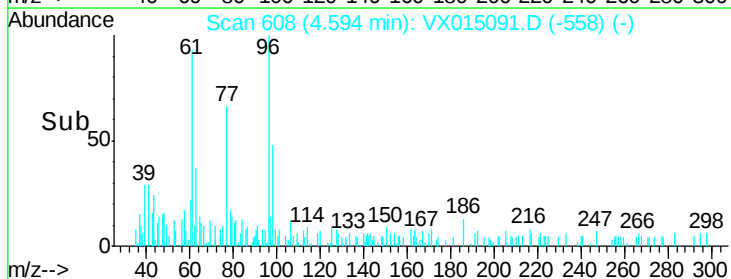
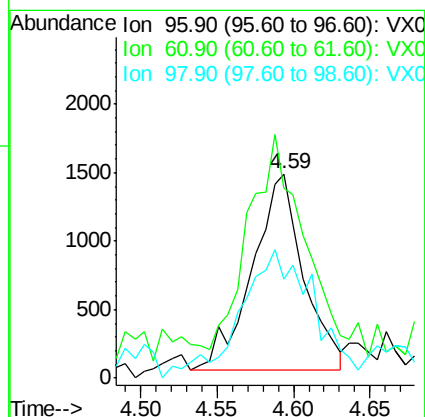
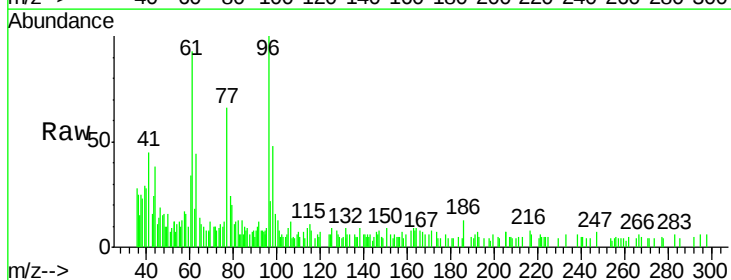
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

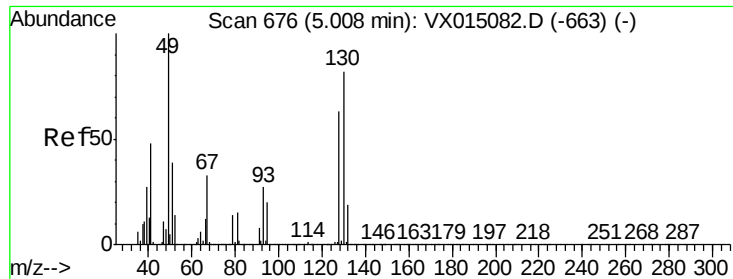
Tgt Ion: 43 Resp: 8218
Ion Ratio Lower Upper
43 100
72 22.2 20.6 30.8



#27
cis-1,2-Dichloroethene
Concen: 0.793 ug/l
RT: 4.59 min Scan# 608
Delta R.T. 0.01 min
Lab File: VX015091.D
Acq: 04 Mar 2020 16:42

Tgt Ion: 96 Resp: 3341
Ion Ratio Lower Upper
96 100
61 113.9 0.0 286.8
98 77.9 0.0 128.4

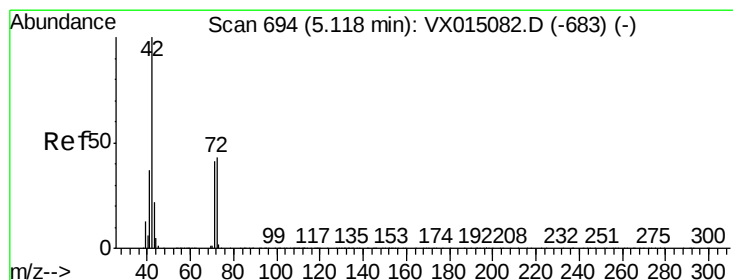
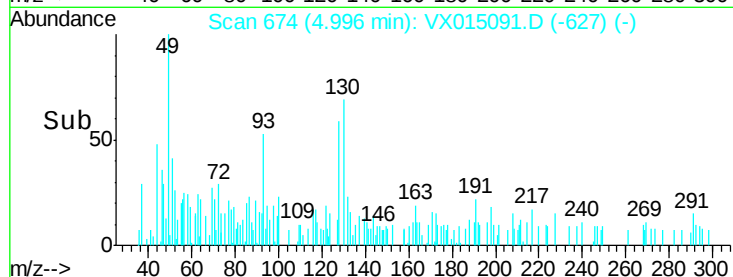
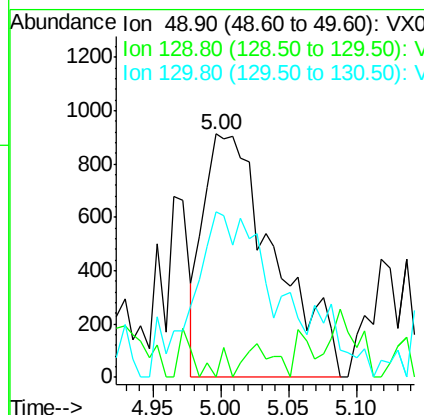
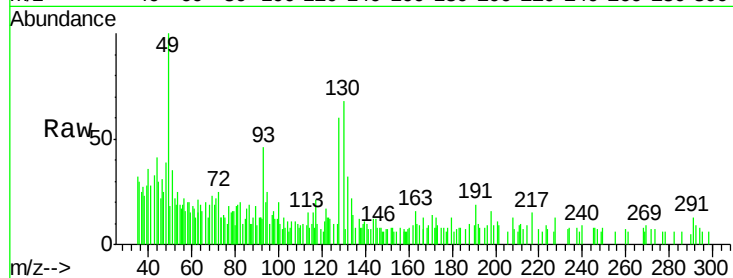




#28
Bromochloromethane
Concen: 1.078 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.01 min
Lab File: VX015091.D
Acq: 04 Mar 2020 16:42

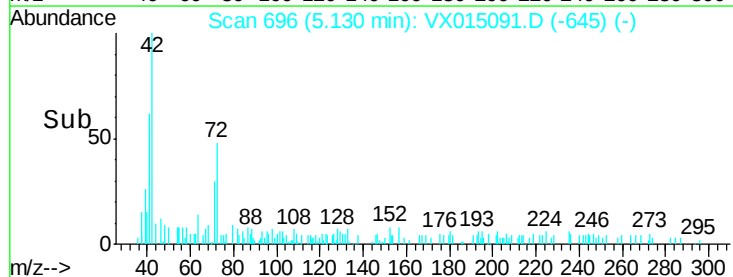
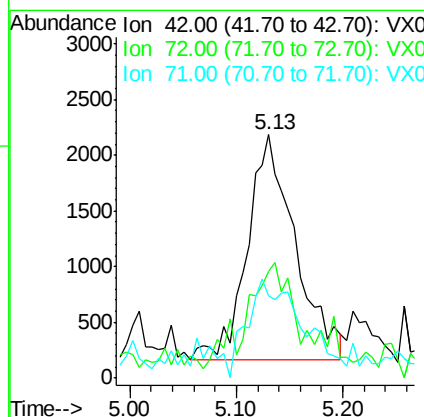
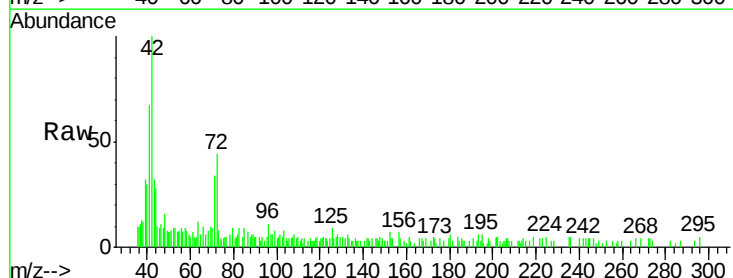
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

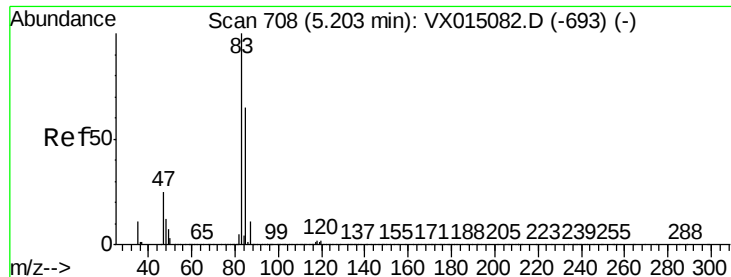
Tgt Ion: 49 Resp: 3327
Ion Ratio Lower Upper
49 100
129 1.2 0.0 4.4
130 38.6 65.0 97.6#



#29
Tetrahydrofuran
Concen: 3.885 ug/l
RT: 5.13 min Scan# 696
Delta R.T. 0.01 min
Lab File: VX015091.D
Acq: 04 Mar 2020 16:42

Tgt Ion: 42 Resp: 6374
Ion Ratio Lower Upper
42 100
72 31.4 36.4 54.6#
71 25.2 33.3 49.9#

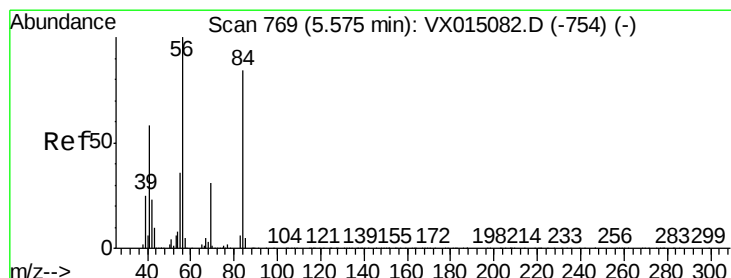
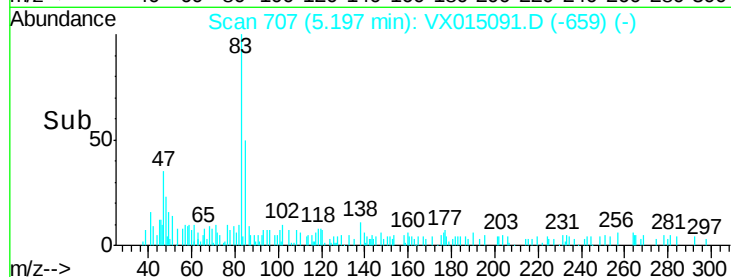
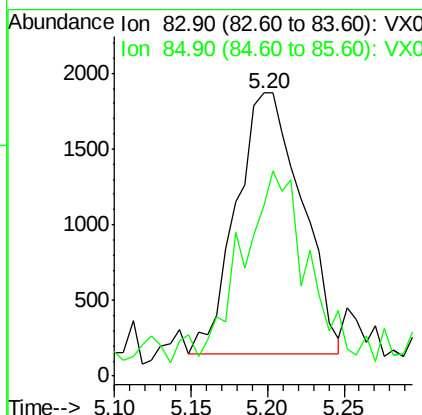
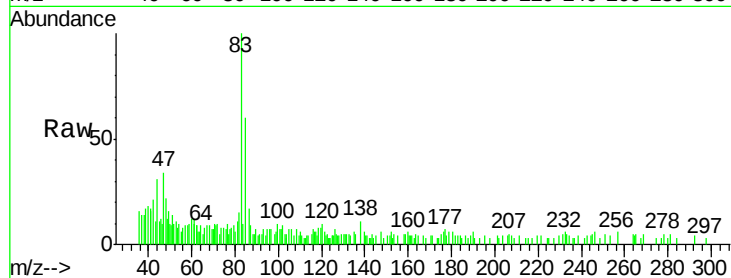




#30
Chloroform
Concen: 0.776 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX015091.D
Acq: 04 Mar 2020 16:42

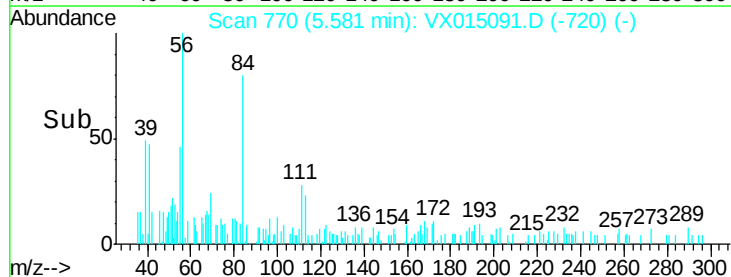
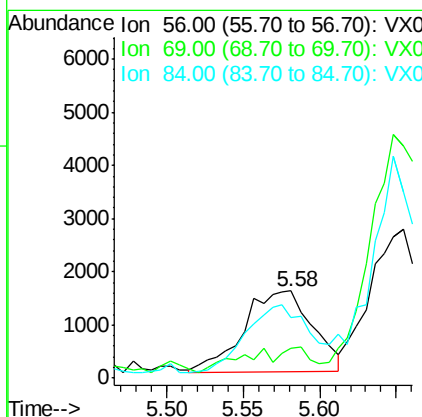
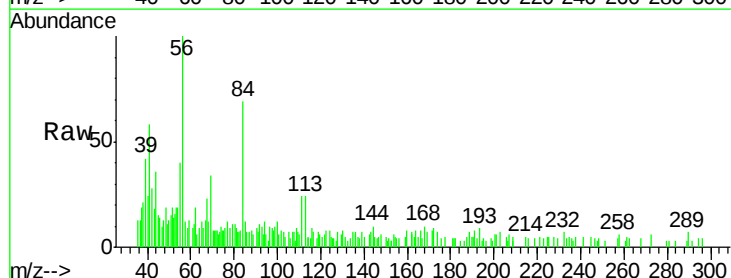
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

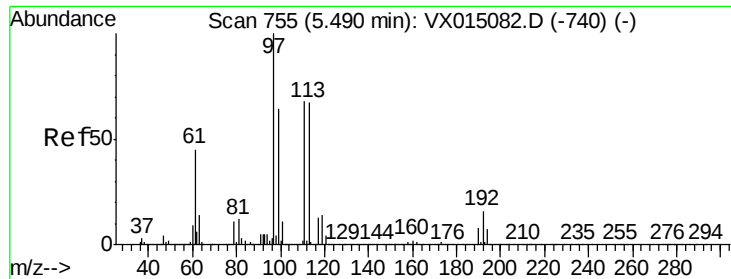
Tgt Ion: 83 Resp: 5127
Ion Ratio Lower Upper
83 100
85 49.3 52.0 78.0#



#31
Cyclohexane
Concen: 0.790 ug/l
RT: 5.58 min Scan# 770
Delta R.T. 0.01 min
Lab File: VX015091.D
Acq: 04 Mar 2020 16:42

Tgt Ion: 56 Resp: 4778
Ion Ratio Lower Upper
56 100
69 31.2 25.0 37.6
84 83.1 67.6 101.4





#32

1,1,1-Trichloroethane

Concen: 0.342 ug/l

RT: 5.47 min Scan# 752

Delta R.T. -0.02 min

Lab File: VX015091.D

Acq: 04 Mar 2020 16:42

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

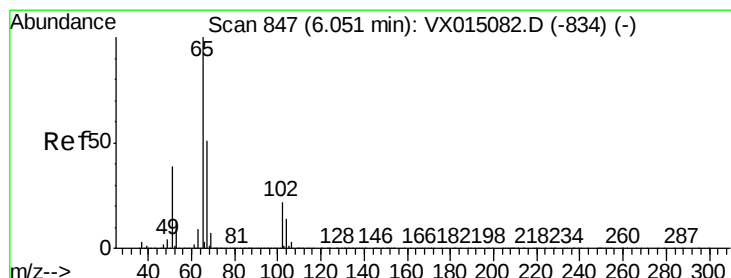
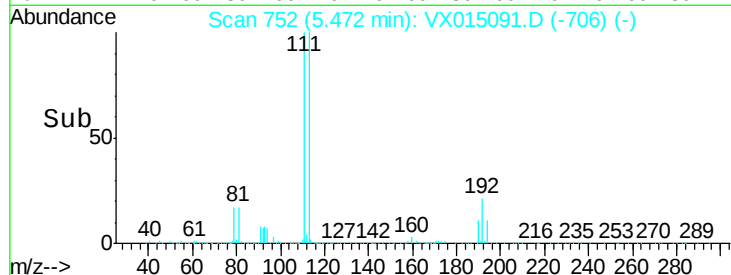
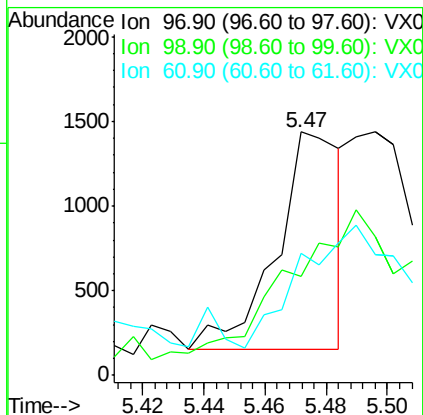
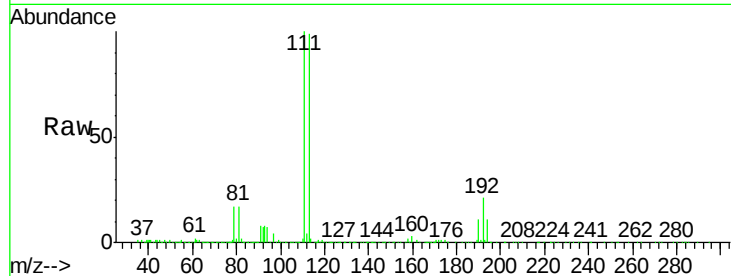
Tgt Ion: 97 Resp: 1873

Ion Ratio Lower Upper

97 100

99 0.0 52.8 79.2#

61 122.1 36.6 54.8#



#33

1,2-Dichloroethane-d4

Concen: 50.343 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX015091.D

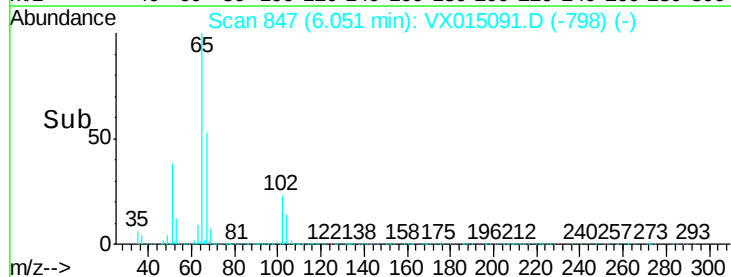
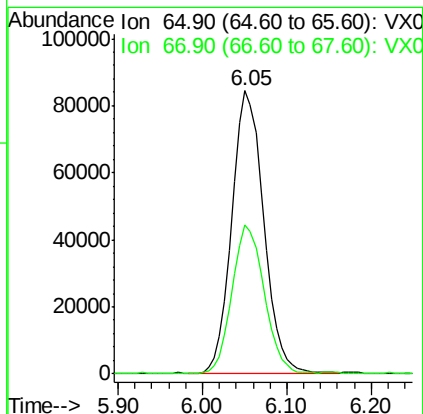
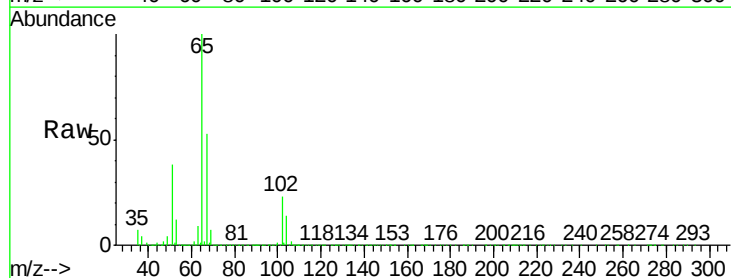
Acq: 04 Mar 2020 16:42

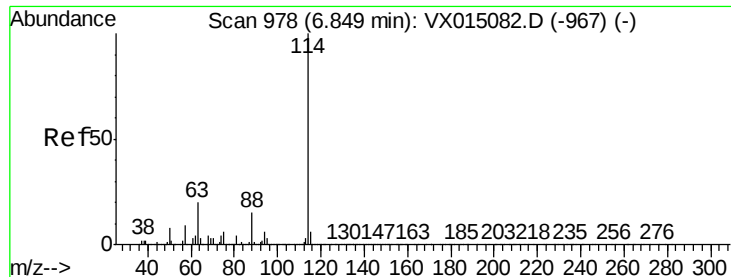
Tgt Ion: 65 Resp: 216122

Ion Ratio Lower Upper

65 100

67 52.9 0.0 105.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX015091.D

Acq: 04 Mar 2020 16:42

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

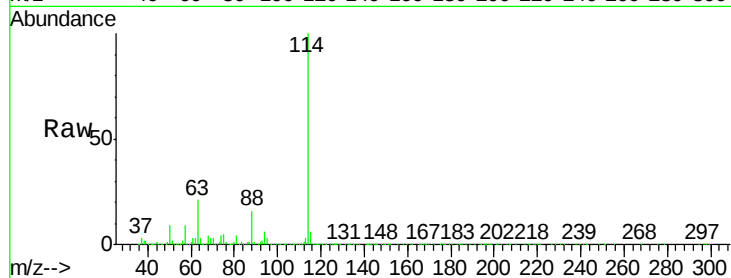
Tgt Ion:114 Resp: 568131

Ion Ratio Lower Upper

114 100

63 21.0 0.0 40.0

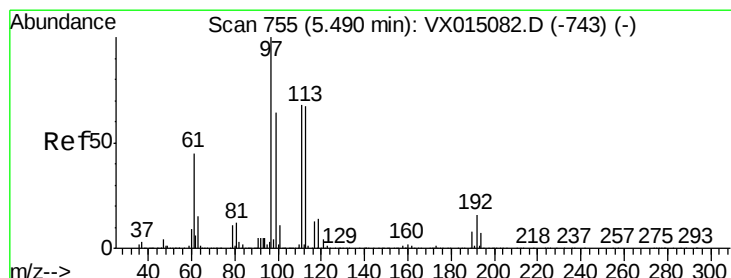
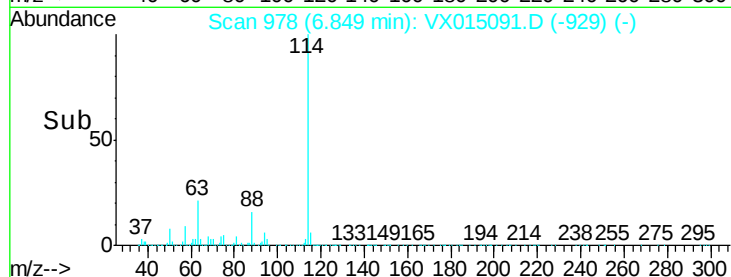
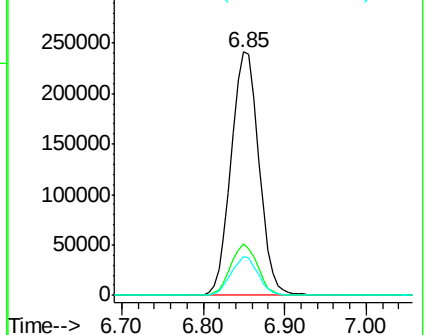
88 15.8 0.0 30.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 47.826 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX015091.D

Acq: 04 Mar 2020 16:42

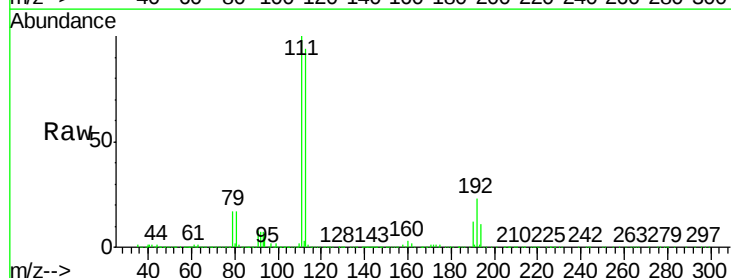
Tgt Ion:113 Resp: 171415

Ion Ratio Lower Upper

113 100

111 103.4 82.6 123.8

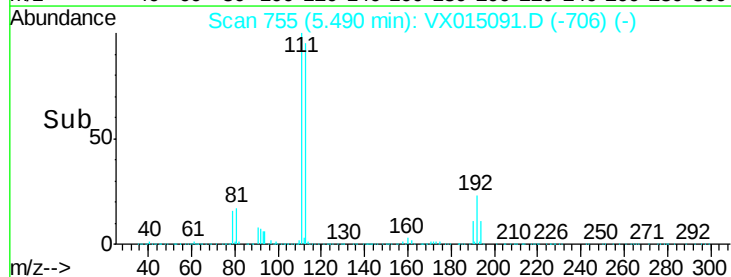
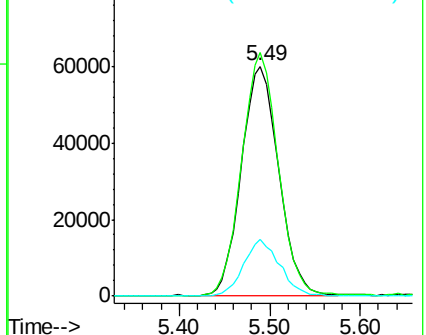
192 23.9 18.6 28.0

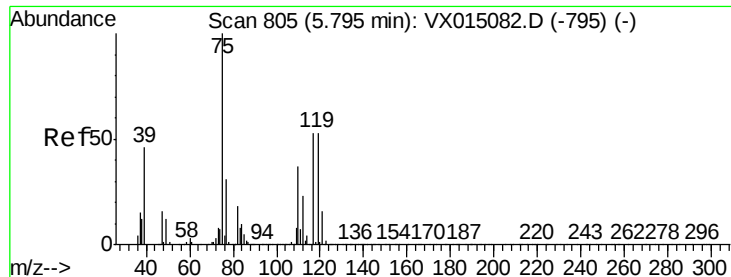


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

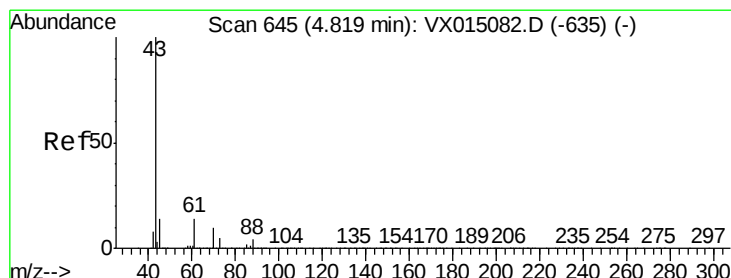
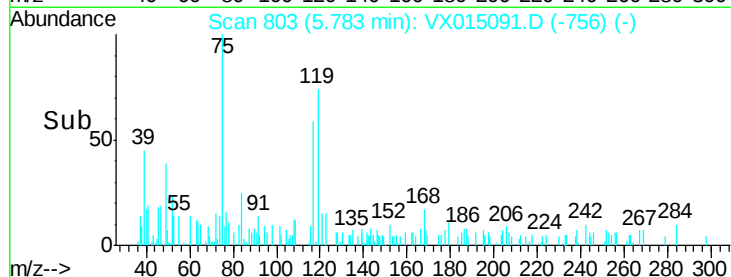
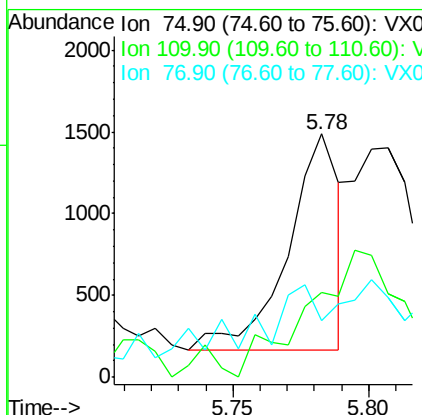
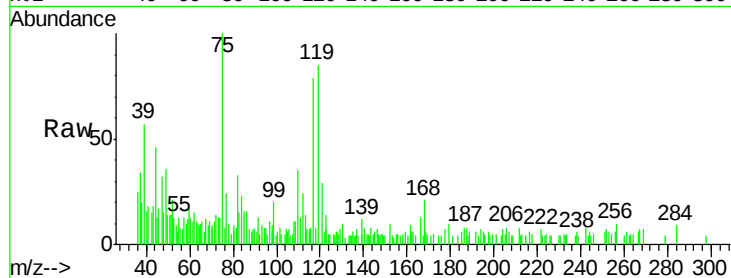




#36
 1,1-Dichloropropene
 Concen: 0.331 ug/l
 RT: 5.78 min Scan# 803
 Delta R.T. -0.01 min
 Lab File: VX015091.D
 Acq: 04 Mar 2020 16:42

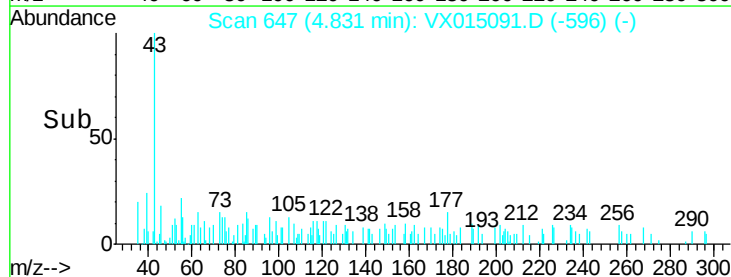
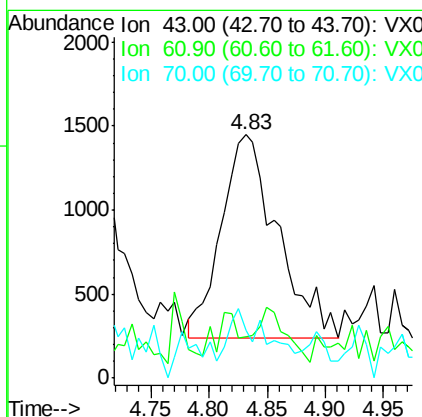
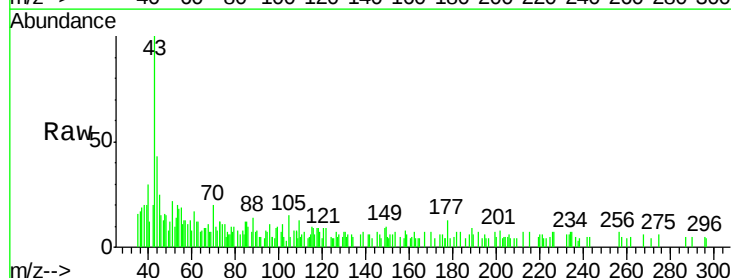
Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2020

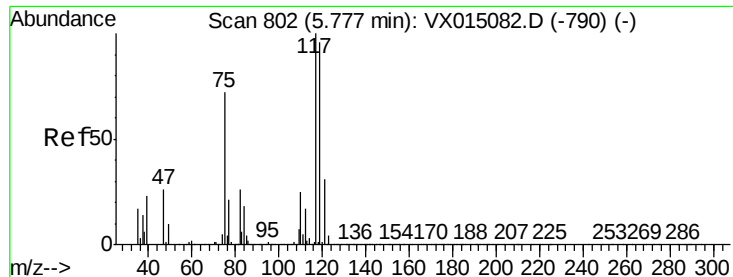
Tgt Ion: 75 Resp: 1740
 Ion Ratio Lower Upper
 75 100
 110 0.0 17.9 53.8#
 77 24.4 24.8 37.2#



#37
 Ethyl Acetate
 Concen: 0.830 ug/l
 RT: 4.83 min Scan# 647
 Delta R.T. 0.01 min
 Lab File: VX015091.D
 Acq: 04 Mar 2020 16:42

Tgt Ion: 43 Resp: 4042
 Ion Ratio Lower Upper
 43 100
 61 10.1 11.0 16.4#
 70 8.6 8.1 12.1





#38

Carbon Tetrachloride

Concen: 0.662 ug/l

RT: 5.78 min Scan# 802

Delta R.T. -0.00 min

Lab File: VX015091.D

Acq: 04 Mar 2020 16:42

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

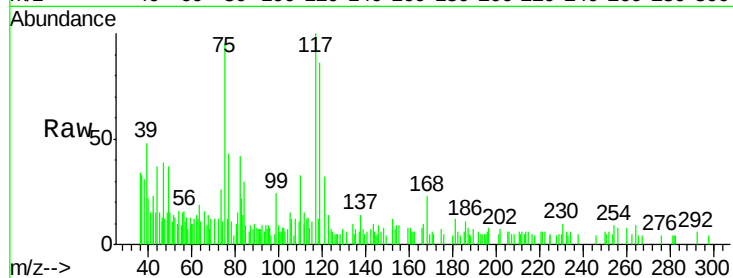
Tgt Ion: 117 Resp: 3283

Ion Ratio Lower Upper

117 100

119 90.9 76.9 115.3

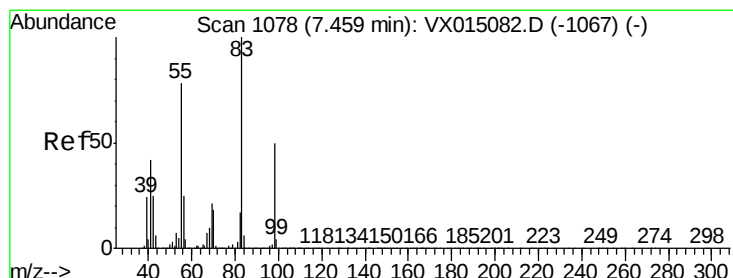
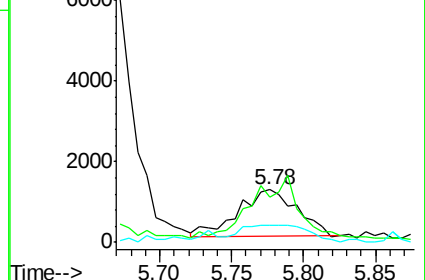
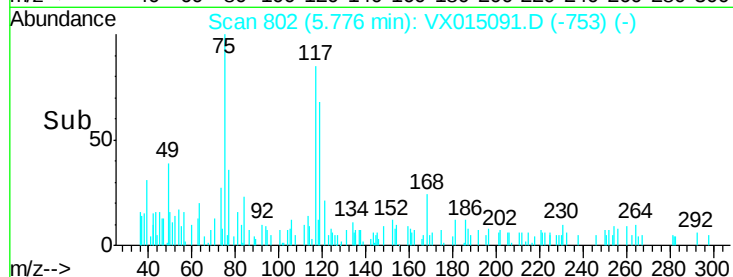
121 37.2 24.6 37.0#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 0.779 ug/l

RT: 7.46 min Scan# 1078

Delta R.T. -0.00 min

Lab File: VX015091.D

Acq: 04 Mar 2020 16:42

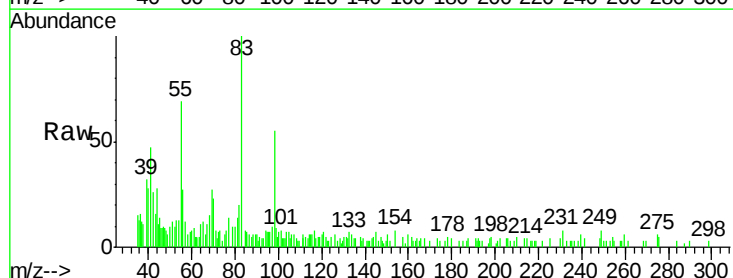
Tgt Ion: 83 Resp: 4775

Ion Ratio Lower Upper

83 100

55 64.7 62.4 93.6

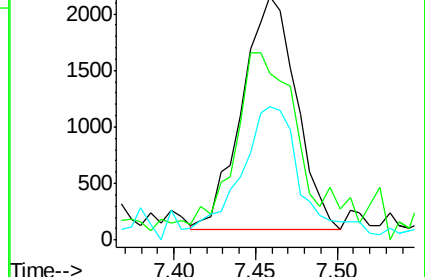
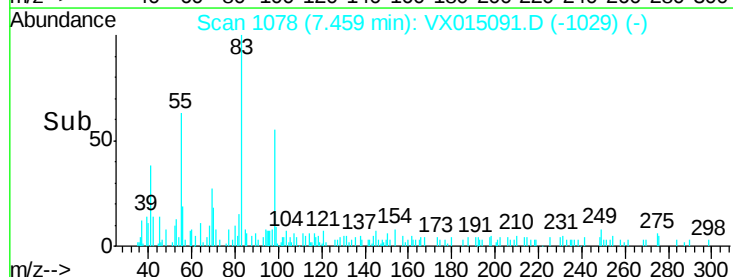
98 52.3 39.7 59.5

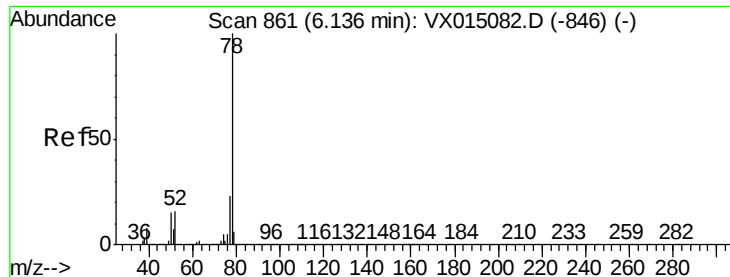


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 0.794 ug/l

RT: 6.14 min Scan# 862

Delta R.T. 0.01 min

Lab File: VX015091.D

Acq: 04 Mar 2020 16:42

Instrument :

MSVOA_X

ClientSampleId :

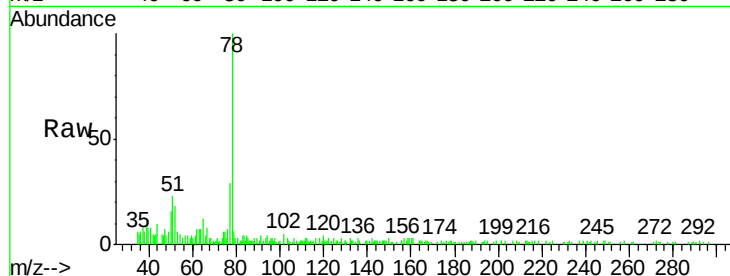
LOD-MDL-WATER-01-QT1-2020

Tgt Ion: 78 Resp: 12366

Ion Ratio Lower Upper

78 100

77 27.1 18.6 28.0



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

6.14

5000

4000

3000

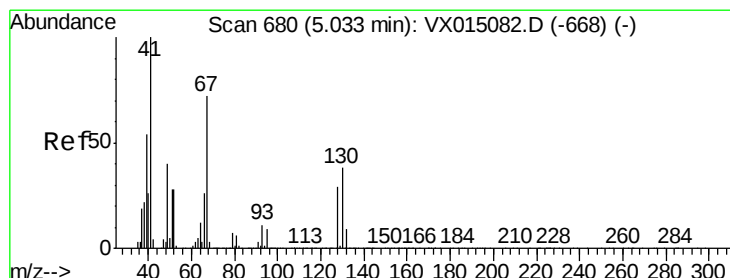
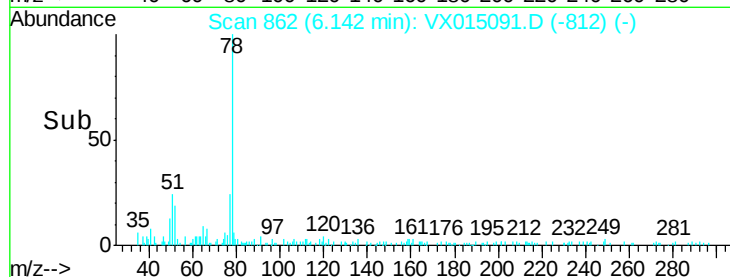
2000

1000

0

Time-->

6.00 6.10 6.20



#41

Methacrylonitrile

Concen: 0.565 ug/l

RT: 5.04 min Scan# 682

Delta R.T. 0.01 min

Lab File: VX015091.D

Acq: 04 Mar 2020 16:42

Tgt Ion: 41 Resp: 1653

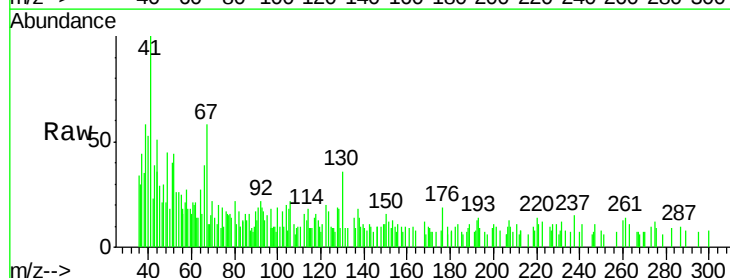
Ion Ratio Lower Upper

41 100

39 21.4 43.9 65.9#

67 77.3 57.8 86.8

52 12.9 22.6 34.0#



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

2000

1500

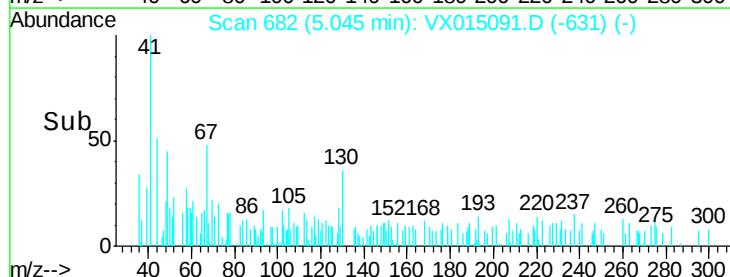
1000

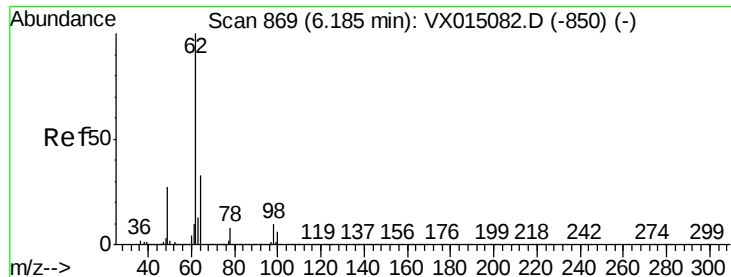
500

0

Time-->

5.00 5.05 5.10





#42

1,2-Dichloroethane

Concen: 1.062 ug/l

RT: 6.20 min Scan# 871

Delta R.T. 0.01 min

Lab File: VX015091.D

Acq: 04 Mar 2020 16:42

Instrument :

MSVOA_X

ClientSampleId :

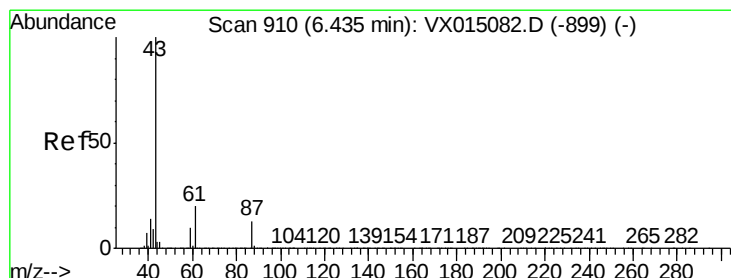
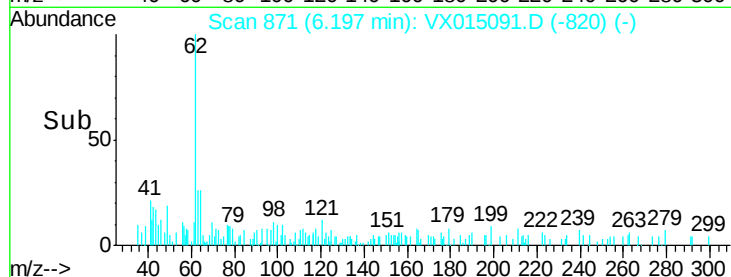
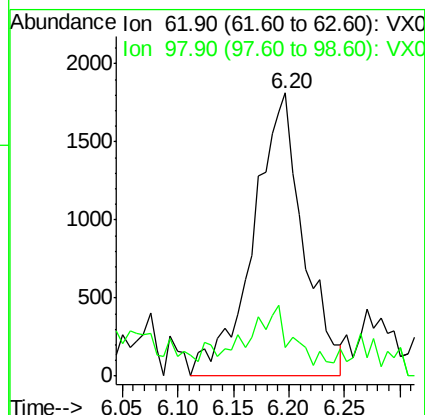
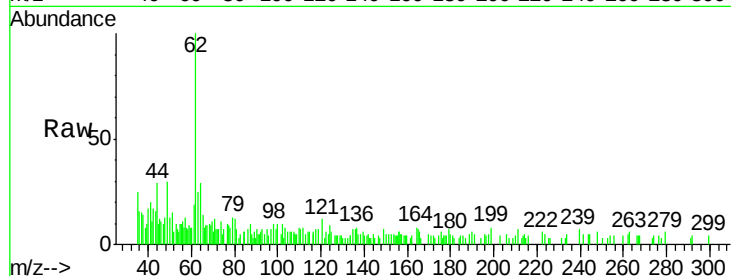
LOD-MDL-WATER-01-QT1-2020

Tgt Ion: 62 Resp: 5684

Ion Ratio Lower Upper

62 100

98 17.9 0.0 20.6



#43

Isopropyl Acetate

Concen: 0.655 ug/l

RT: 6.44 min Scan# 911

Delta R.T. 0.01 min

Lab File: VX015091.D

Acq: 04 Mar 2020 16:42

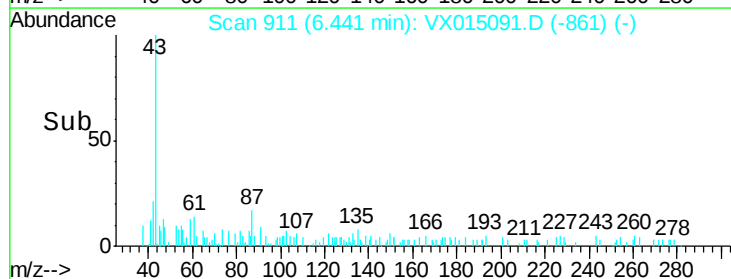
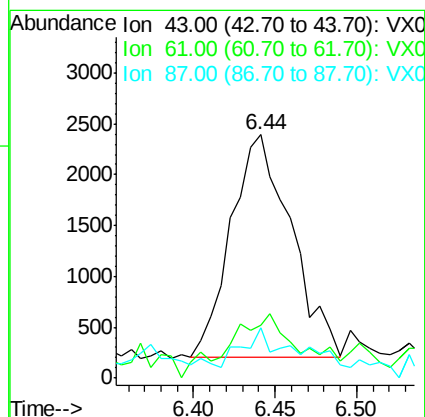
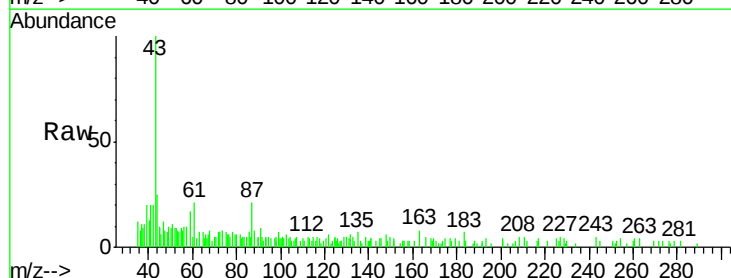
Tgt Ion: 43 Resp: 5618

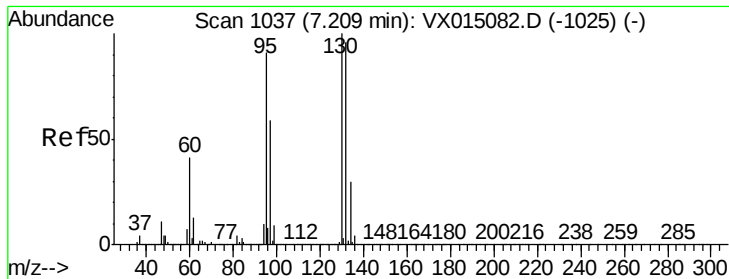
Ion Ratio Lower Upper

43 100

61 34.5 16.1 24.1#

87 8.7 10.6 16.0#





#44

Trichloroethene

Concen: 0.762 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. -0.00 min

Lab File: VX015091.D

Acq: 04 Mar 2020 16:42

Instrument :

MSVOA_X

ClientSampleId :

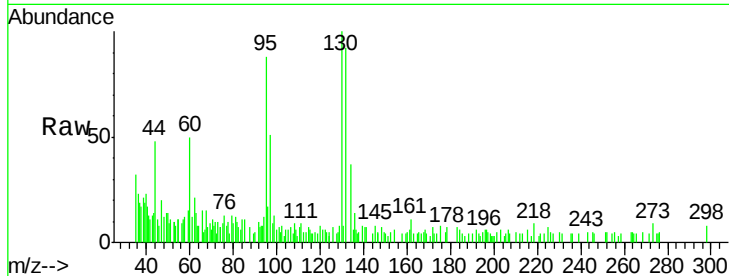
LOD-MDL-WATER-01-QT1-2020

Tgt Ion:130 Resp: 3305

Ion Ratio Lower Upper

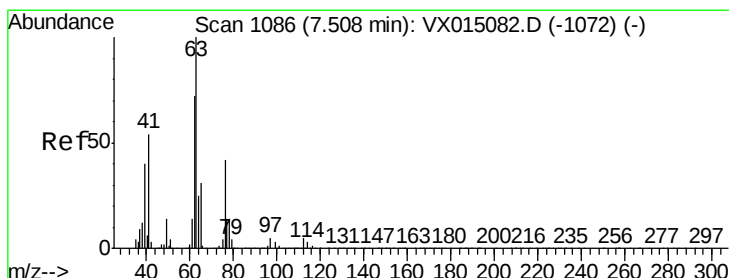
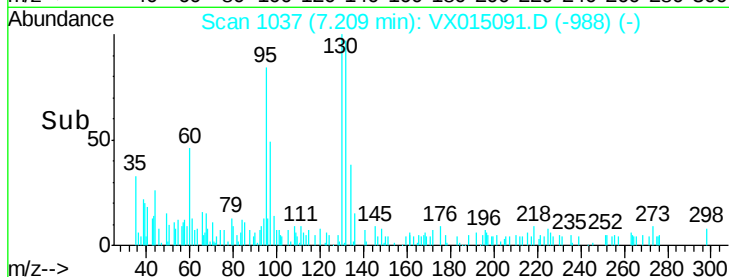
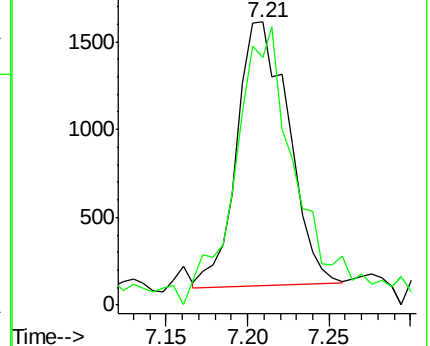
130 100

95 86.1 0.0 181.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#45

1,2-Dichloropropane

Concen: 0.872 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX015091.D

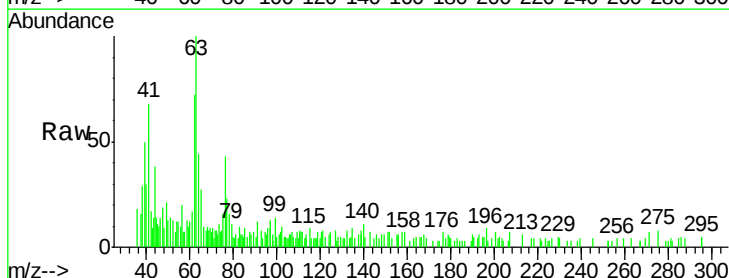
Acq: 04 Mar 2020 16:42

Tgt Ion: 63 Resp: 3516

Ion Ratio Lower Upper

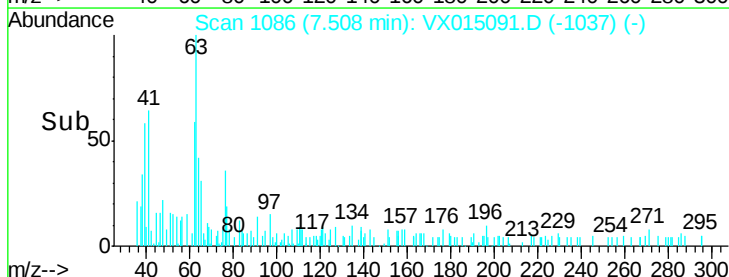
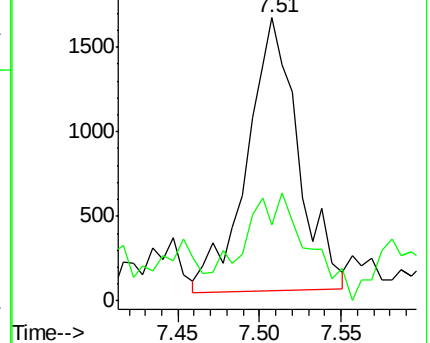
63 100

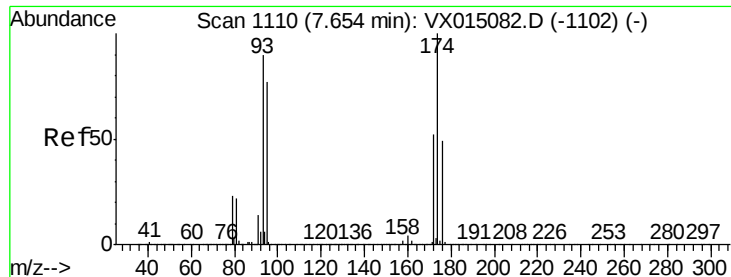
65 16.7 24.6 36.8#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0





#46

Dibromomethane

Concen: 0.833 ug/l

RT: 7.66 min Scan# 1111

Delta R.T. 0.01 min

Lab File: VX015091.D

Acq: 04 Mar 2020 16:42

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

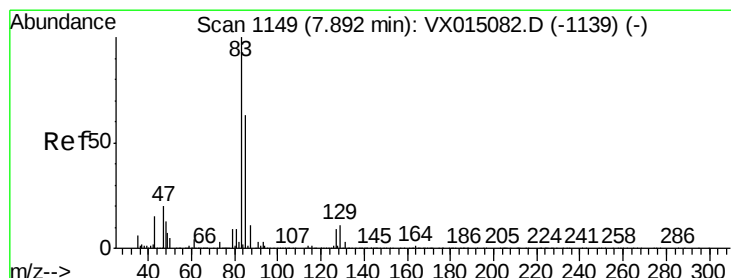
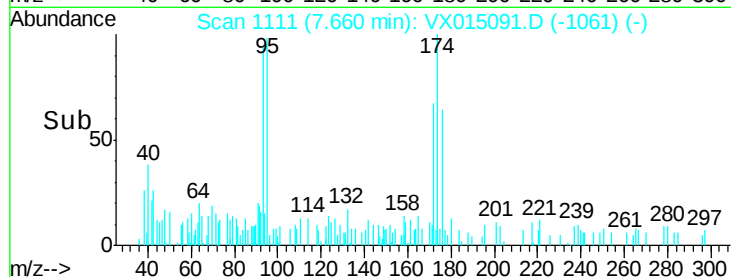
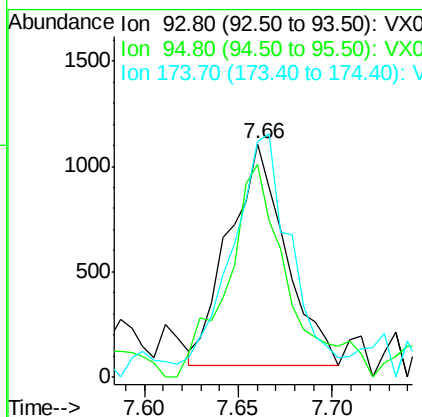
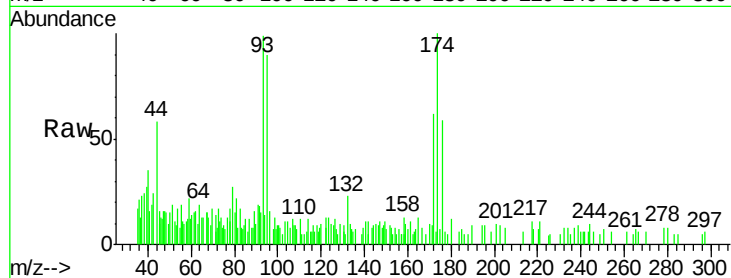
Tgt Ion: 93 Resp: 2188

Ion Ratio Lower Upper

93 100

95 103.7 67.8 101.8#

174 106.6 91.0 136.4



#47

Bromodichloromethane

Concen: 0.696 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX015091.D

Acq: 04 Mar 2020 16:42

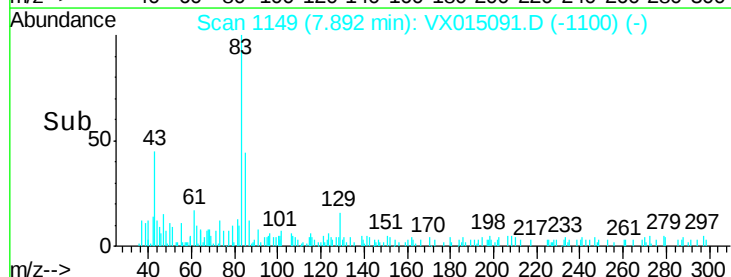
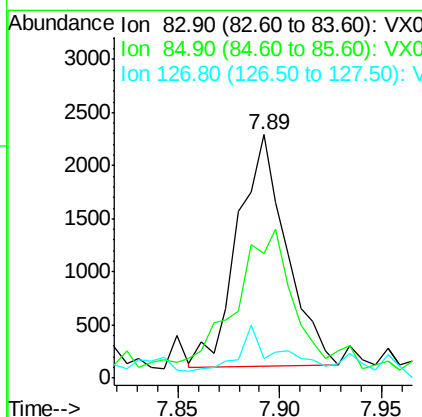
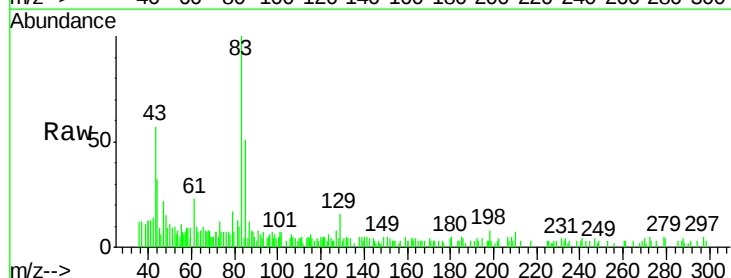
Tgt Ion: 83 Resp: 3617

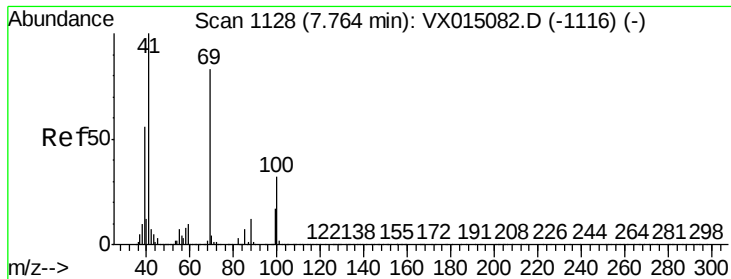
Ion Ratio Lower Upper

83 100

85 45.7 50.6 75.8#

127 2.9 7.1 10.7#





#48

Methyl methacrylate

Concen: 0.515 ug/l

RT: 7.78 min Scan# 1130

Delta R.T. 0.01 min

Lab File: VX015091.D

Acq: 04 Mar 2020 16:42

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

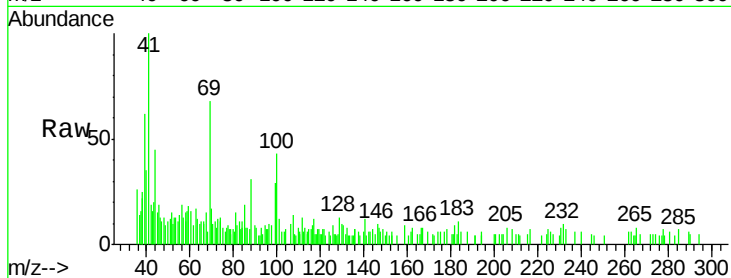
Tgt Ion: 41 Resp: 2246

Ion Ratio Lower Upper

41 100

69 88.7 65.4 98.2

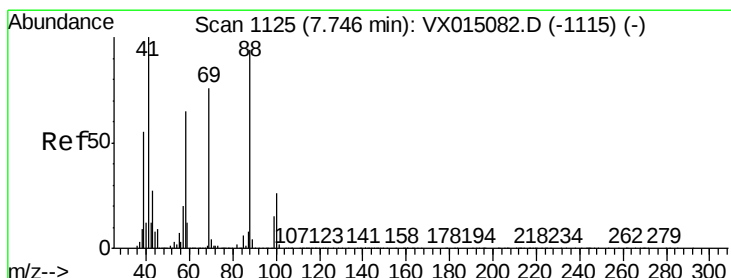
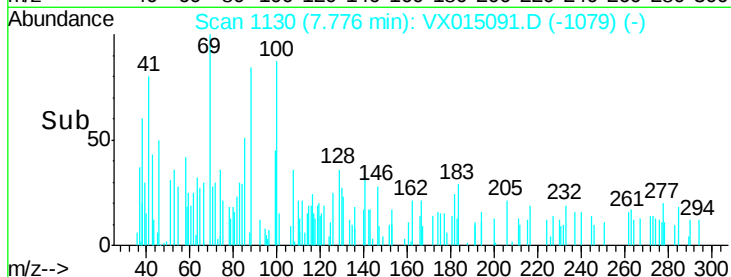
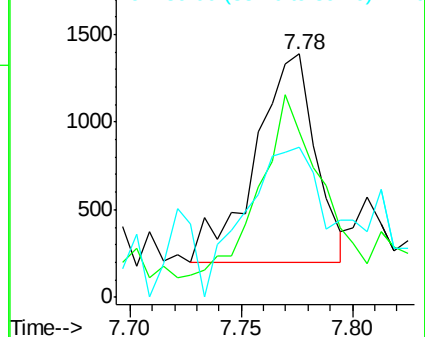
39 94.3 44.6 67.0#



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#49

1,4-Dioxane

Concen: 20.654 ug/l

RT: 7.75 min Scan# 1125

Delta R.T. -0.00 min

Lab File: VX015091.D

Acq: 04 Mar 2020 16:42

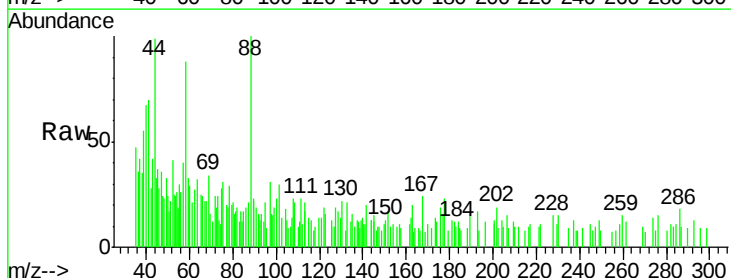
Tgt Ion: 88 Resp: 1948

Ion Ratio Lower Upper

88 100

43 0.0 27.0 40.4#

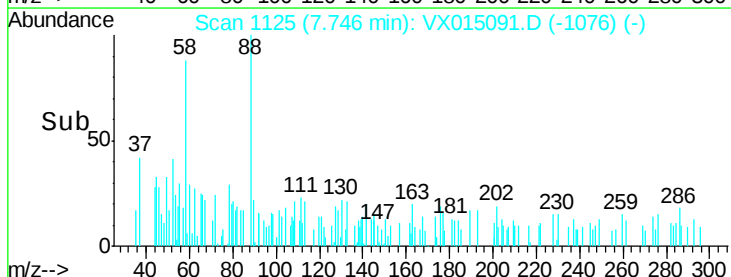
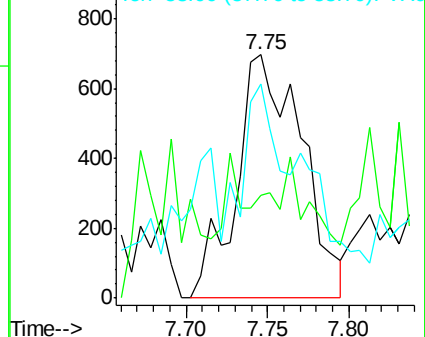
58 33.8 55.6 83.4#

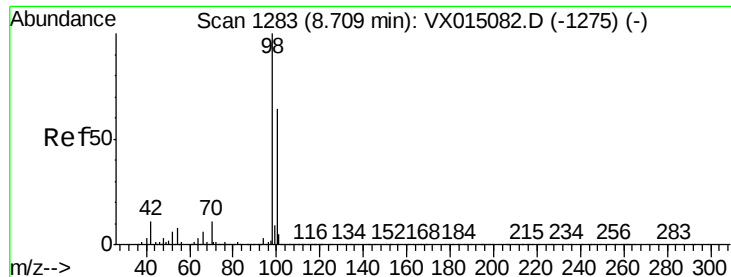


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

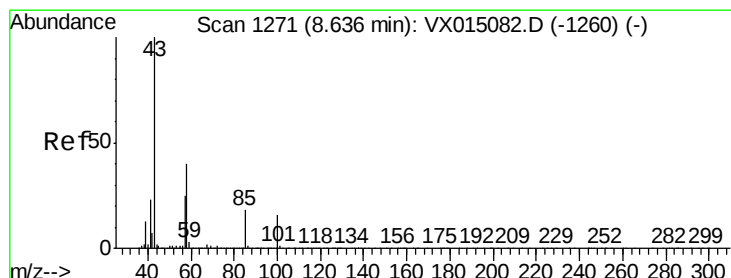
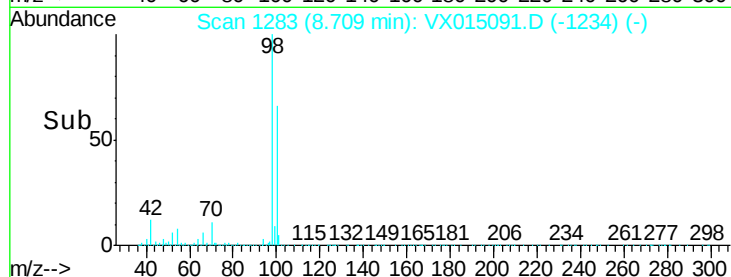
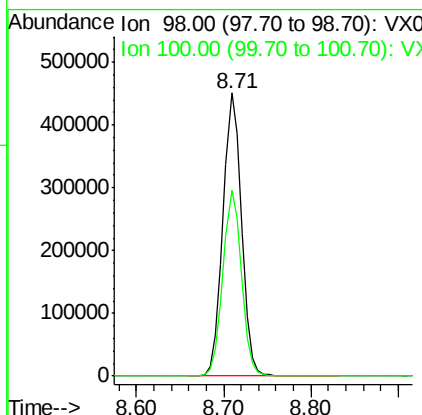
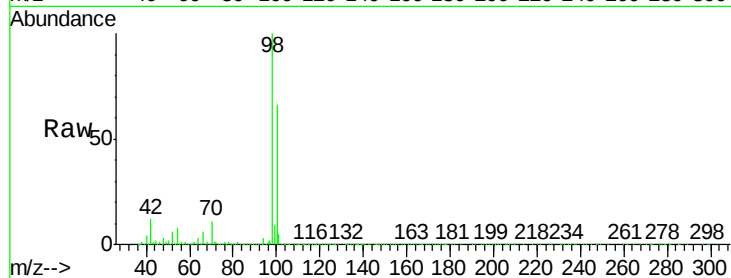




#50
Toluene-d8
Concen: 48.637 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX015091.D
Acq: 04 Mar 2020 16:42

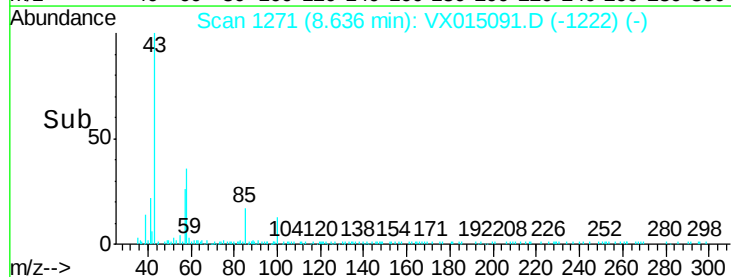
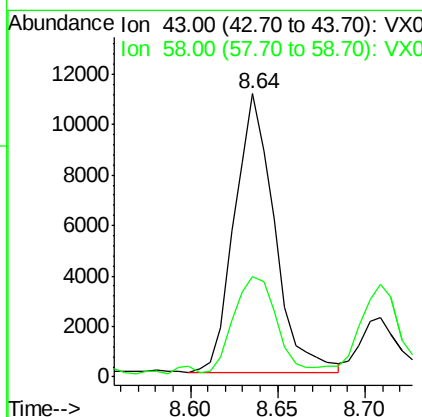
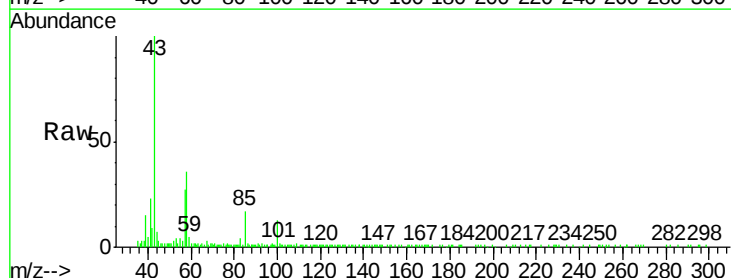
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

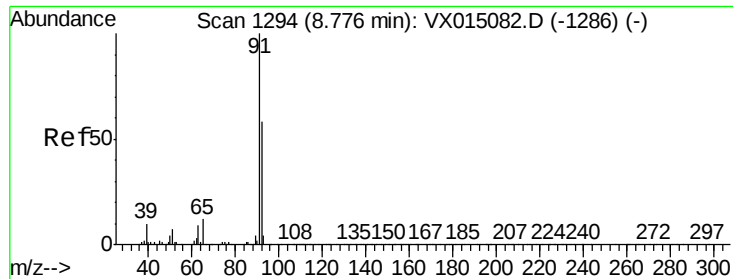
Tgt Ion: 98 Resp: 663099
Ion Ratio Lower Upper
98 100
100 65.3 52.4 78.6



#51
4-Methyl-2-Pentanone
Concen: 3.466 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VX015091.D
Acq: 04 Mar 2020 16:42

Tgt Ion: 43 Resp: 17564
Ion Ratio Lower Upper
43 100
58 39.1 31.6 47.4





#52

Toluene

Concen: 0.880 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.01 min

Lab File: VX015091.D

Acq: 04 Mar 2020 16:42

Instrument :

MSVOA_X

ClientSampleId :

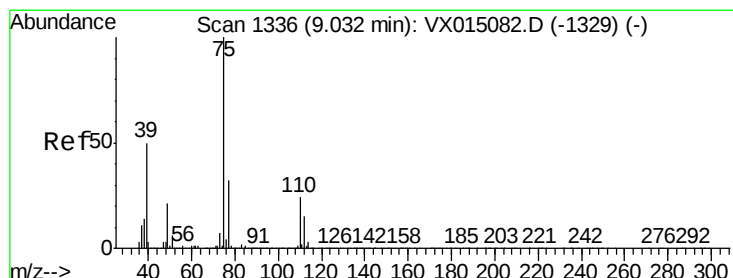
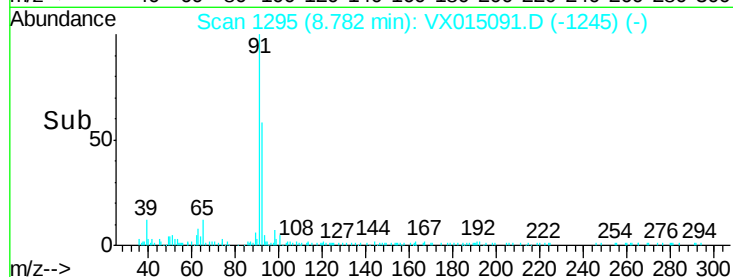
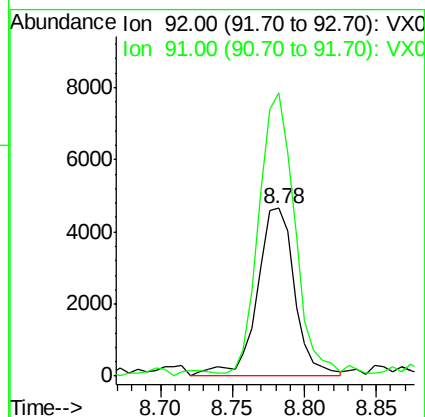
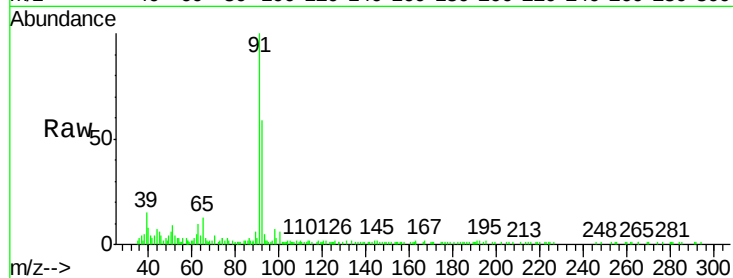
LOD-MDL-WATER-01-QT1-2020

Tgt Ion: 92 Resp: 8384

Ion Ratio Lower Upper

92 100

91 160.1 136.9 205.3



#53

t-1,3-Dichloropropene

Concen: 0.661 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. 0.01 min

Lab File: VX015091.D

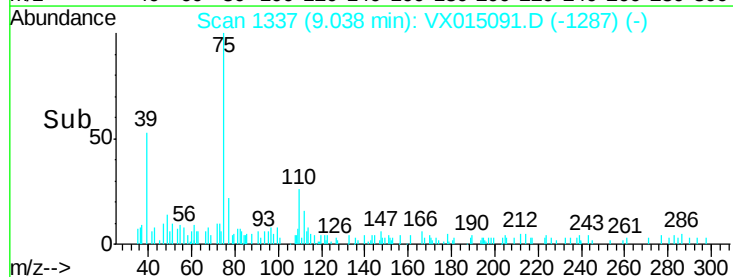
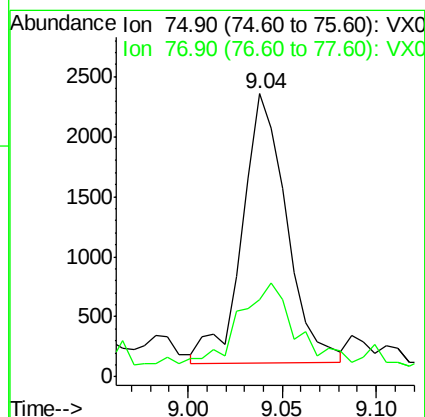
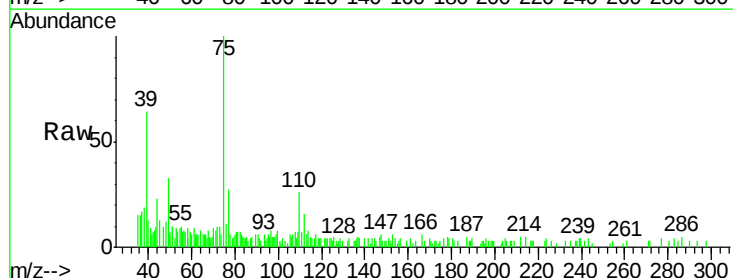
Acq: 04 Mar 2020 16:42

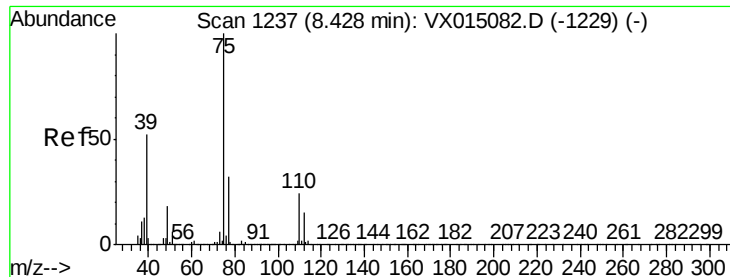
Tgt Ion: 75 Resp: 3657

Ion Ratio Lower Upper

75 100

77 22.3 25.4 38.0#





#54

cis-1,3-Dichloropropene

Concen: 0.741 ug/l

RT: 8.43 min Scan# 1238

Delta R.T. 0.01 min

Lab File: VX015091.D

Acq: 04 Mar 2020 16:42

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

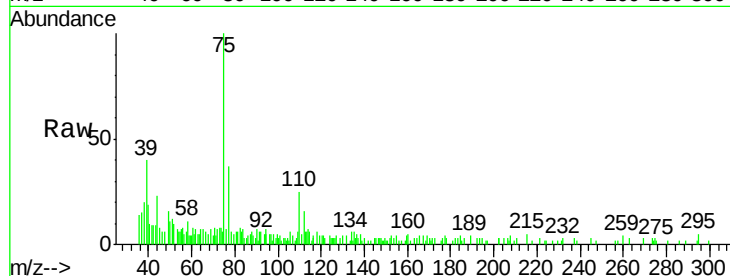
Tgt Ion: 75 Resp: 4636

Ion Ratio Lower Upper

75 100

77 33.6 25.8 38.6

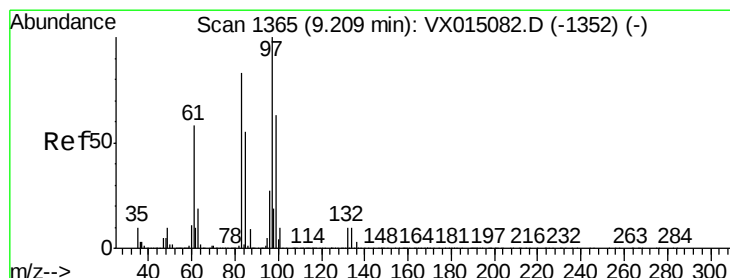
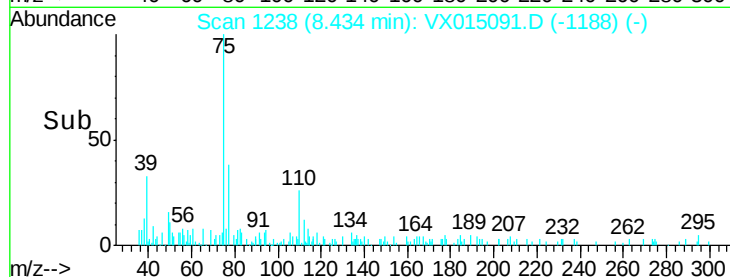
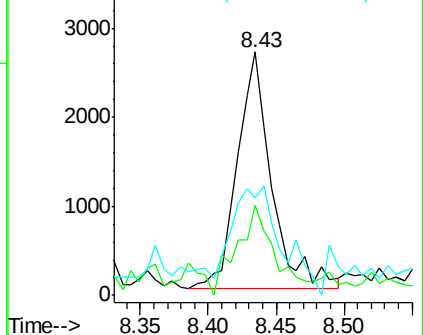
39 31.2 41.3 61.9#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0



#55

1,1,2-Trichloroethane

Concen: 0.700 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. -0.00 min

Lab File: VX015091.D

Acq: 04 Mar 2020 16:42

Tgt Ion: 97 Resp: 2744

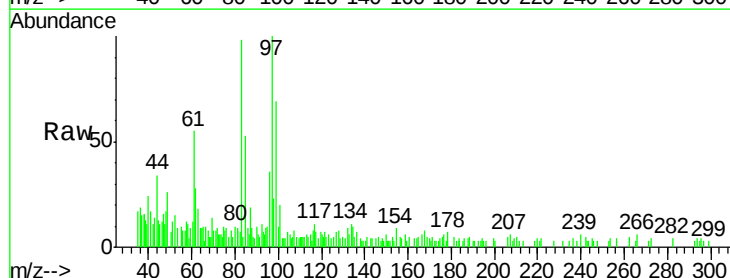
Ion Ratio Lower Upper

97 100

83 91.7 66.4 99.6

85 47.7 43.5 65.3

99 57.0 50.7 76.1

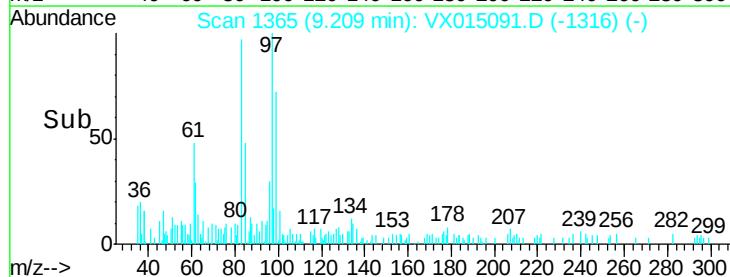
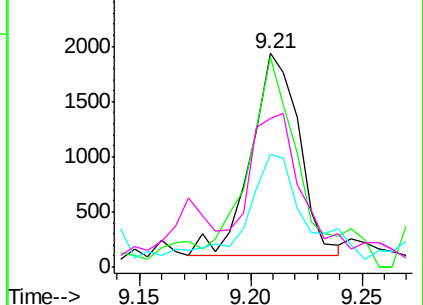


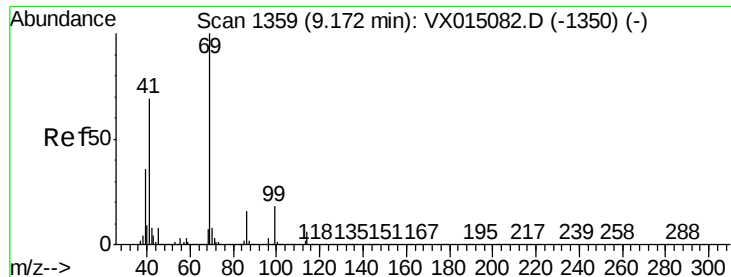
Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

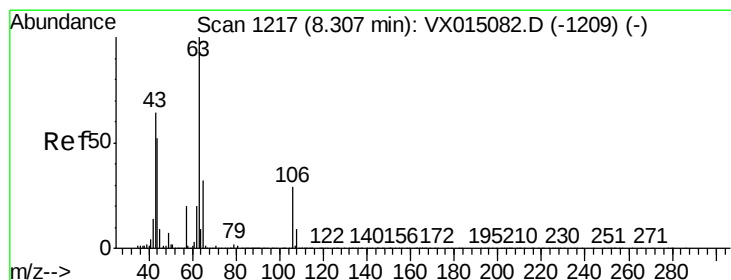
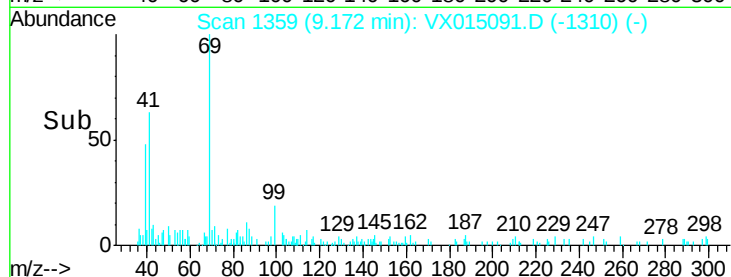
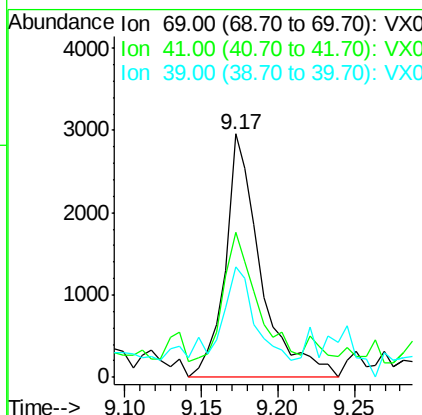
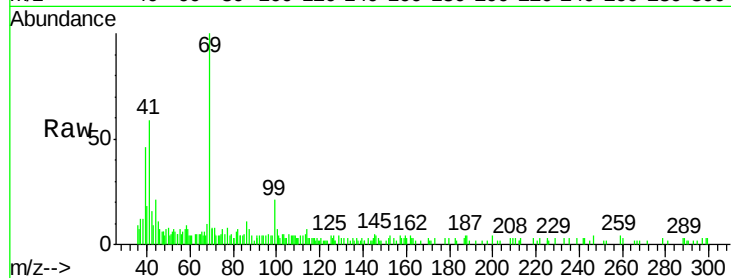




#56
Ethyl methacrylate
Concen: 0.846 ug/l
RT: 9.17 min Scan# 1359
Delta R.T. -0.00 min
Lab File: VX015091.D
Acq: 04 Mar 2020 16:42

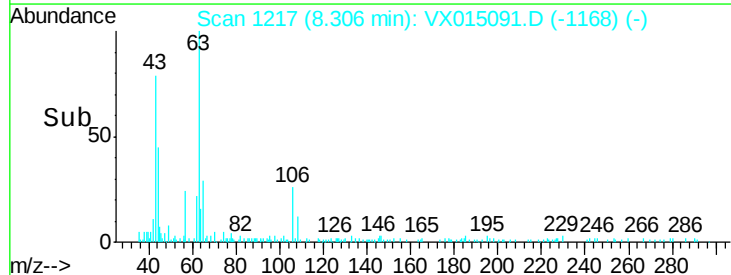
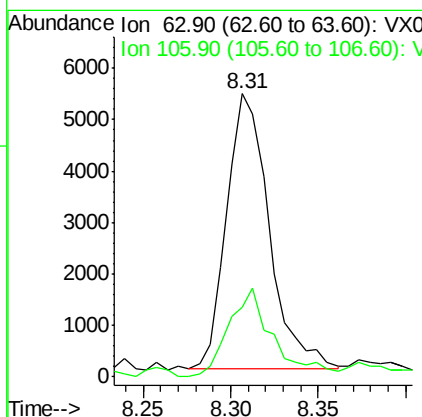
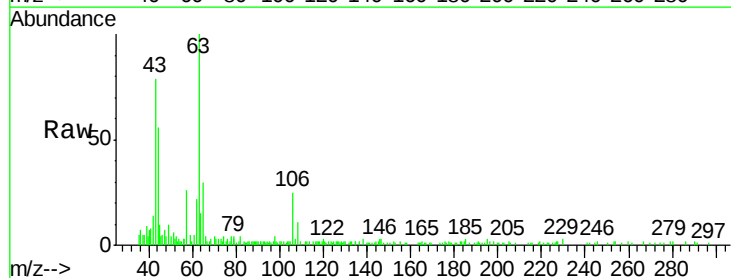
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

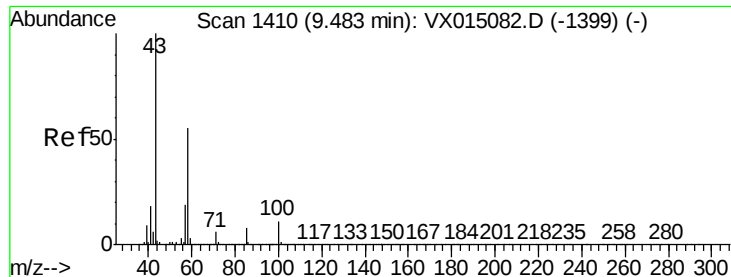
Tgt Ion: 69 Resp: 4731
Ion Ratio Lower Upper
69 100
41 46.4 55.8 83.8#
39 36.7 29.4 44.2



#58
2-Chloroethyl Vinyl ether
Concen: 2.955 ug/l
RT: 8.31 min Scan# 1217
Delta R.T. -0.00 min
Lab File: VX015091.D
Acq: 04 Mar 2020 16:42

Tgt Ion: 63 Resp: 9006
Ion Ratio Lower Upper
63 100
106 33.8 22.8 34.2

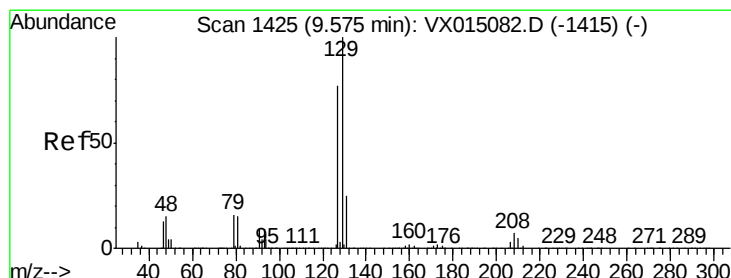
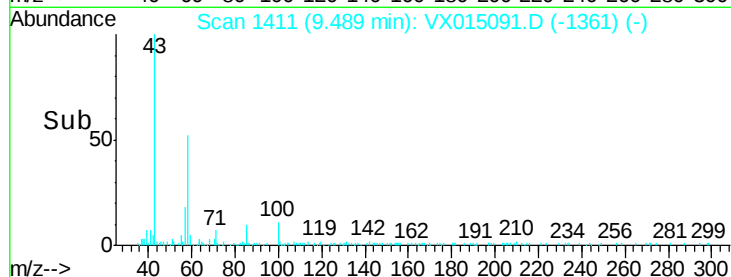
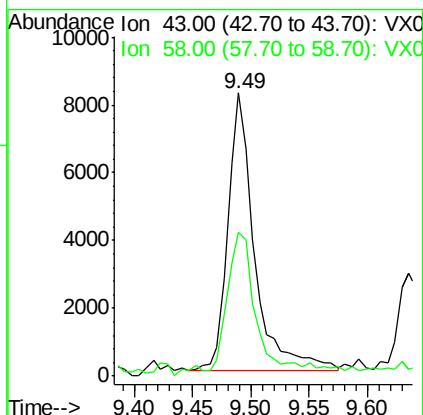
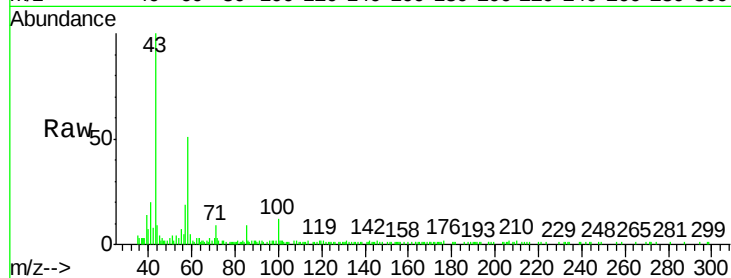




#59
2-Hexanone
Concen: 3.492 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.01 min
Lab File: VX015091.D
Acq: 04 Mar 2020 16:42

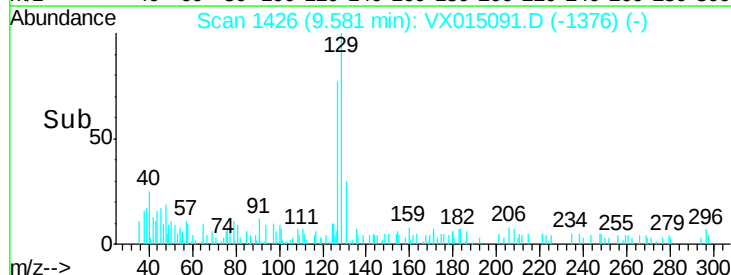
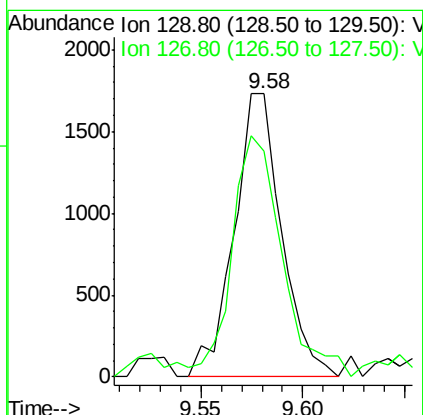
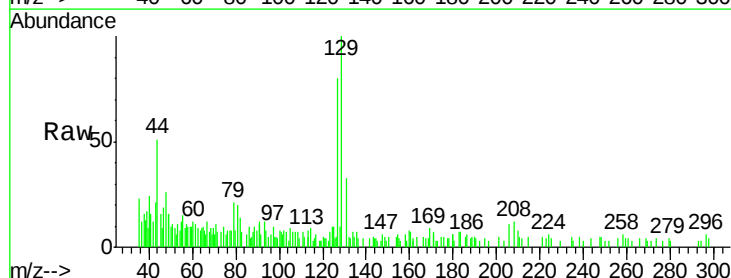
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

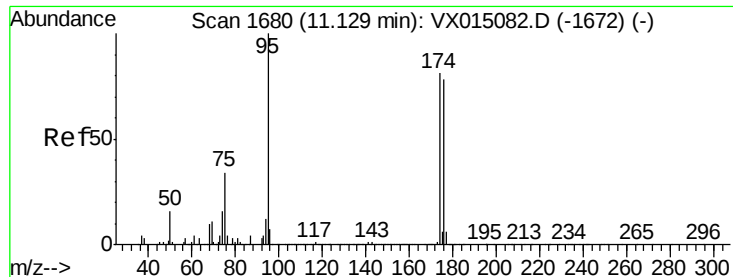
Tgt Ion: 43 Resp: 13116
Ion Ratio Lower Upper
43 100
58 53.8 27.3 81.8



#60
Dibromochloromethane
Concen: 0.681 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.01 min
Lab File: VX015091.D
Acq: 04 Mar 2020 16:42

Tgt Ion: 129 Resp: 2805
Ion Ratio Lower Upper
129 100
127 89.2 38.8 116.3





#62

4-Bromofluorobenzene

Concen: 46.364 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VX015091.D

Acq: 04 Mar 2020 16:42

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

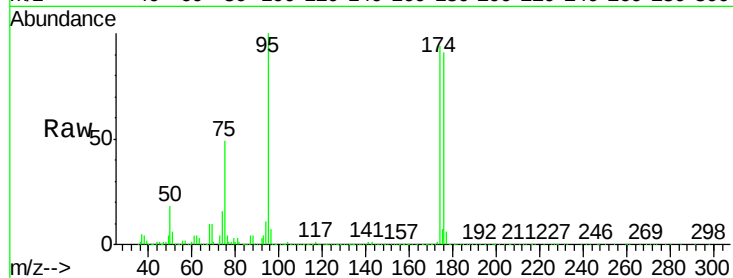
Tgt Ion: 95 Resp: 225469

Ion Ratio Lower Upper

95 100

174 89.3 0.0 177.6

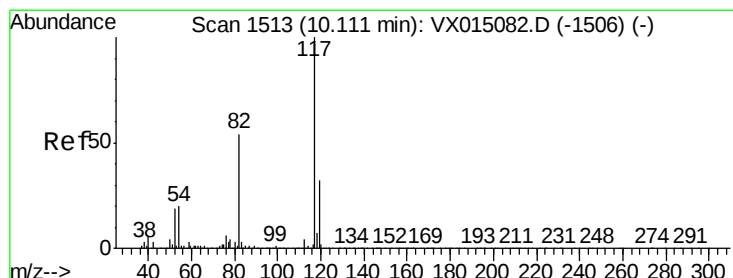
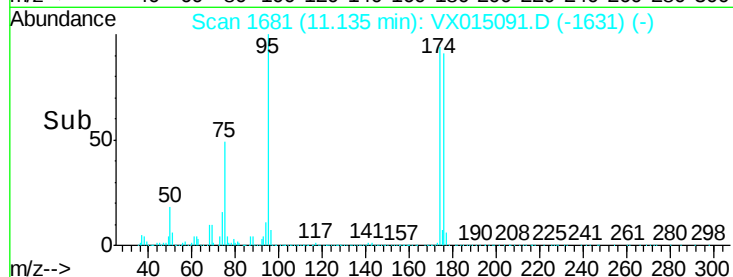
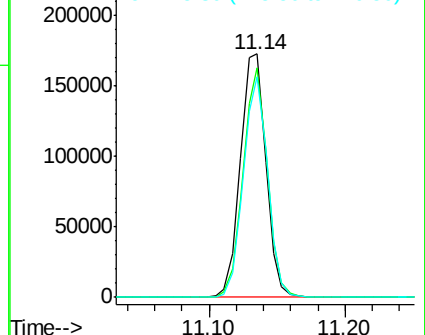
176 86.6 0.0 170.2



Abundance Ion 94.90 (94.60 to 95.60): VX015082.D (-1672) (-)

Ion 173.80 (173.50 to 174.50): VX015082.D (-1672) (-)

Ion 175.80 (175.50 to 176.50): VX015082.D (-1672) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX015091.D

Acq: 04 Mar 2020 16:42

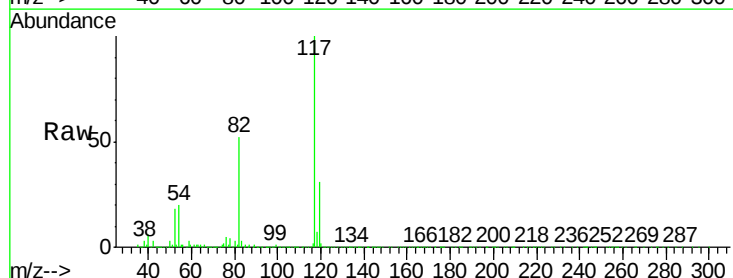
Tgt Ion: 117 Resp: 520447

Ion Ratio Lower Upper

117 100

82 52.2 43.3 64.9

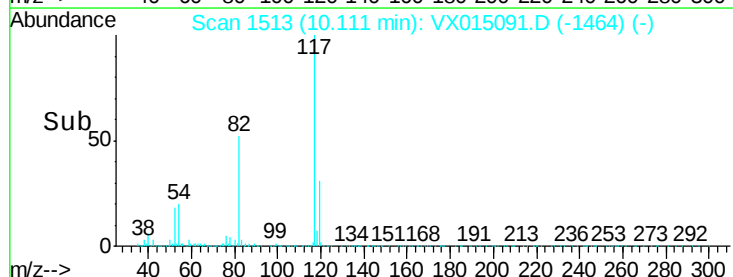
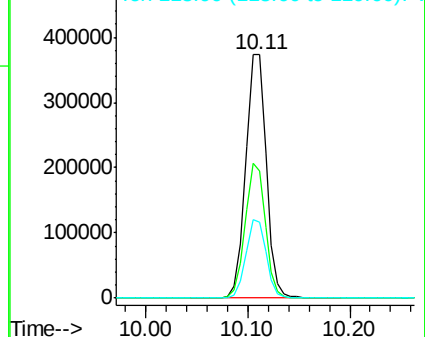
119 30.9 25.8 38.8

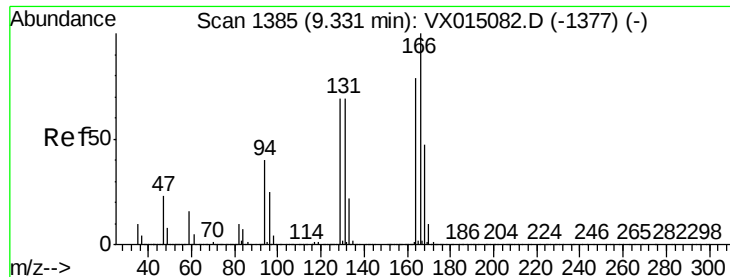


Abundance Ion 116.90 (116.60 to 117.60): VX015082.D (-1506) (-)

Ion 82.00 (81.70 to 82.70): VX015082.D (-1506) (-)

Ion 118.90 (118.60 to 119.60): VX015082.D (-1506) (-)





#64

Tetrachloroethene

Concen: 0.842 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VX015091.D

Acq: 04 Mar 2020 16:42

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

Tgt Ion:164 Resp: 3624

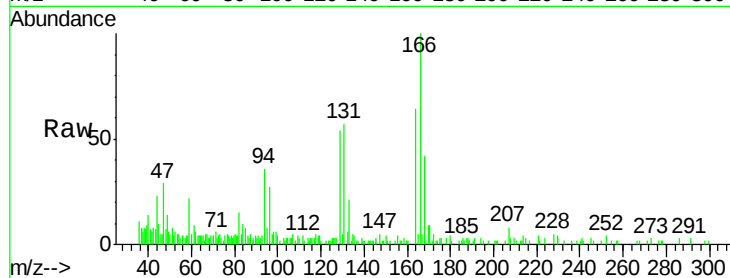
Ion Ratio Lower Upper

164 100

166 156.5 101.1 151.7#

129 81.5 69.4 104.0

131 85.0 69.8 104.8

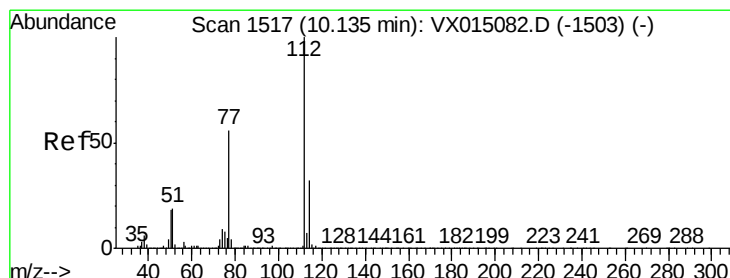
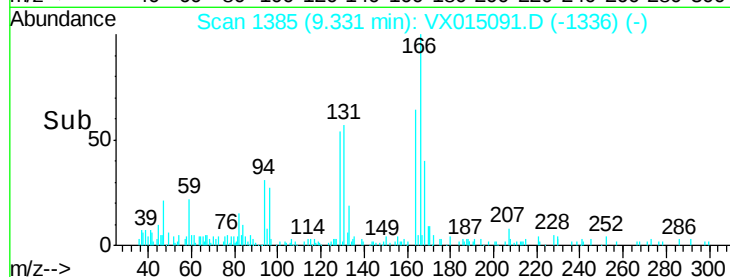
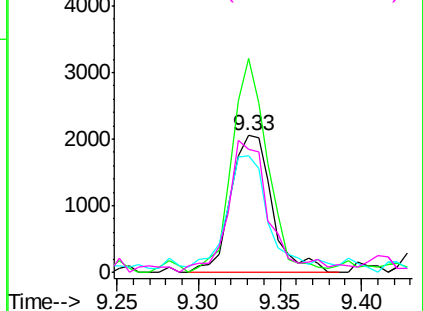


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 0.830 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VX015091.D

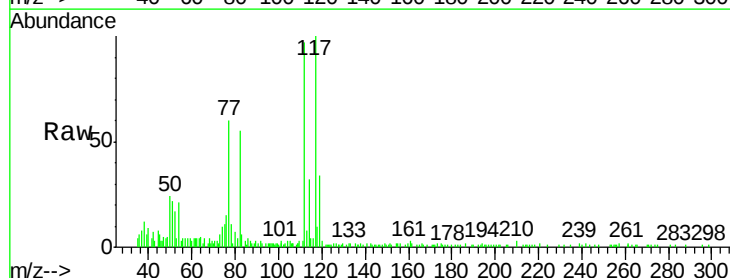
Acq: 04 Mar 2020 16:42

Tgt Ion:112 Resp: 8677

Ion Ratio Lower Upper

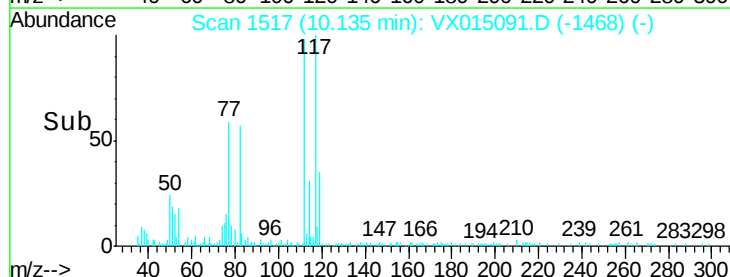
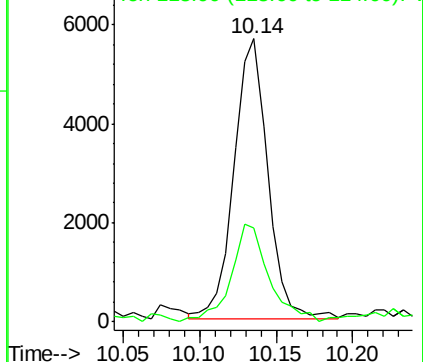
112 100

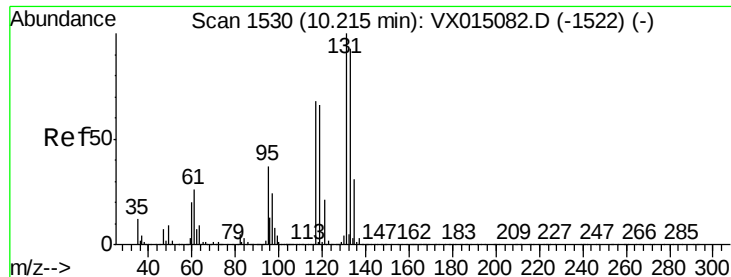
114 31.9 25.5 38.3



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

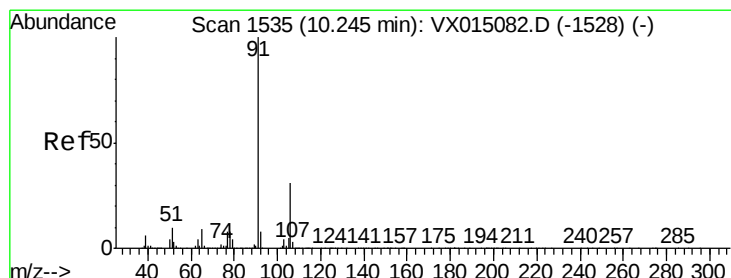
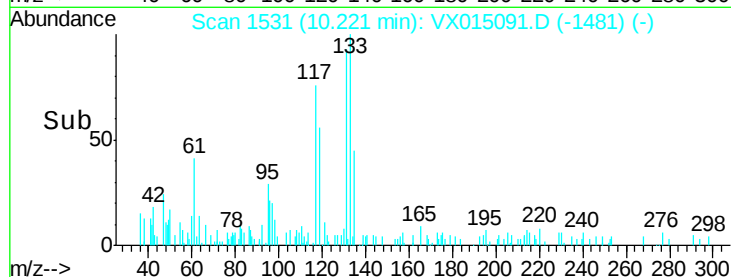
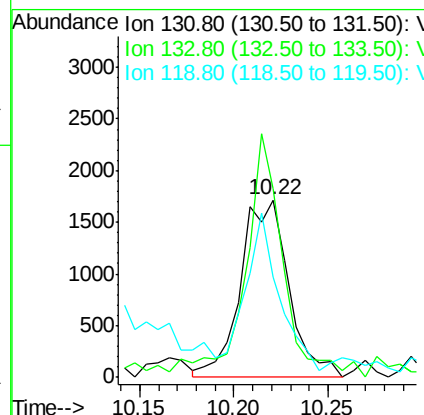
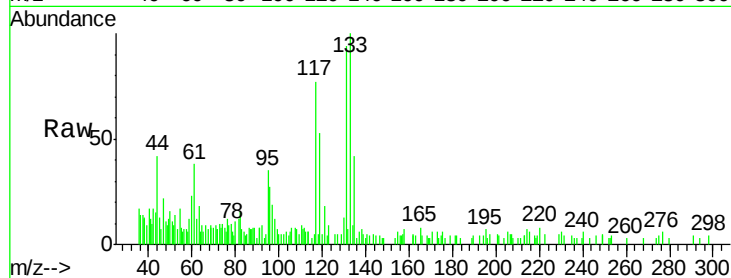




#66
 1,1,1,2-Tetrachloroethane
 Concen: 0.771 ug/l
 RT: 10.22 min Scan# 1531
 Delta R.T. 0.01 min
 Lab File: VX015091.D
 Acq: 04 Mar 2020 16:42

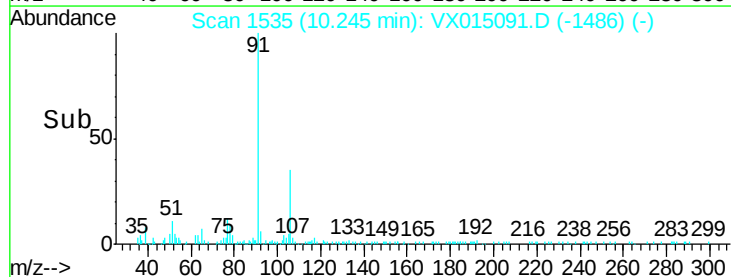
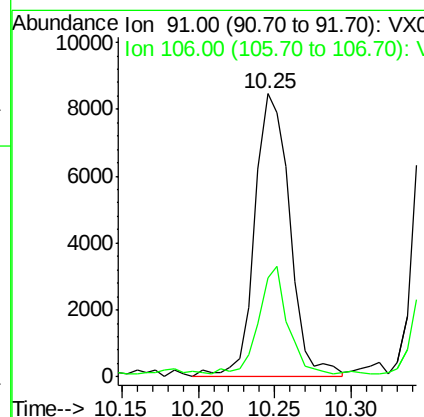
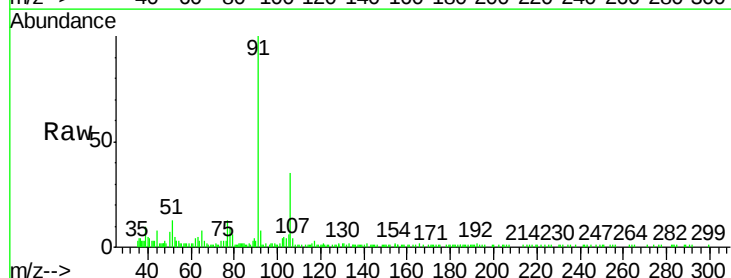
Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2020

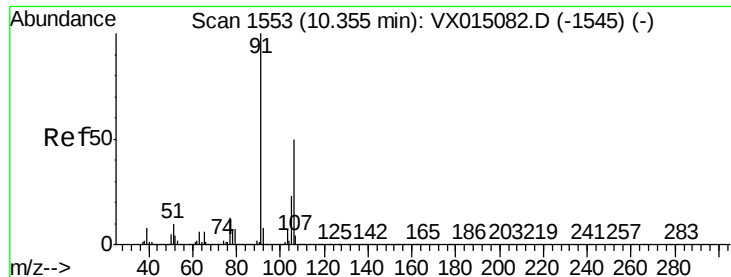
Tgt Ion:131 Resp: 3039
 Ion Ratio Lower Upper
 131 100
 133 108.8 47.5 142.5
 119 0.0 33.4 100.1#



#67
 Ethyl Benzene
 Concen: 0.763 ug/l
 RT: 10.25 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VX015091.D
 Acq: 04 Mar 2020 16:42

Tgt Ion: 91 Resp: 13543
 Ion Ratio Lower Upper
 91 100
 106 33.5 24.9 37.3





#68

m/p-Xylenes

Concen: 1.521 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX015091.D

Acq: 04 Mar 2020 16:42

Instrument :

MSVOA_X

ClientSampleId :

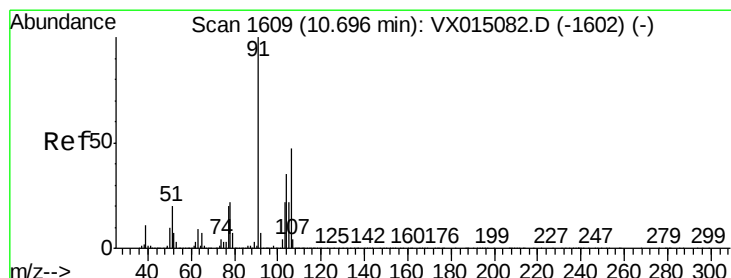
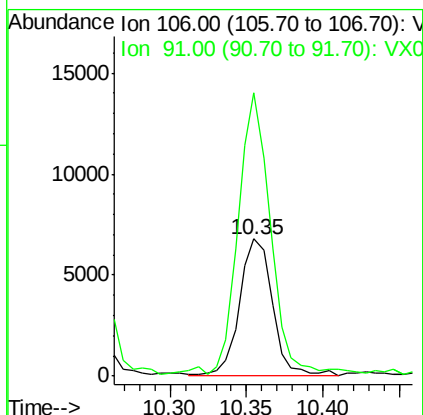
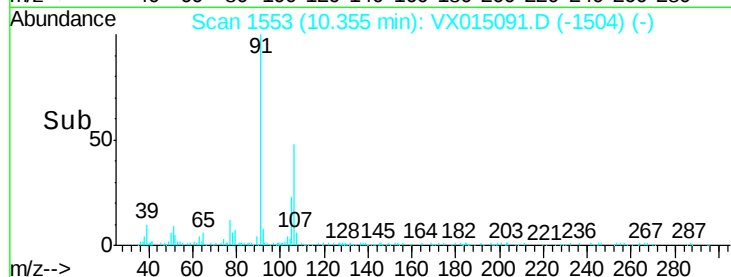
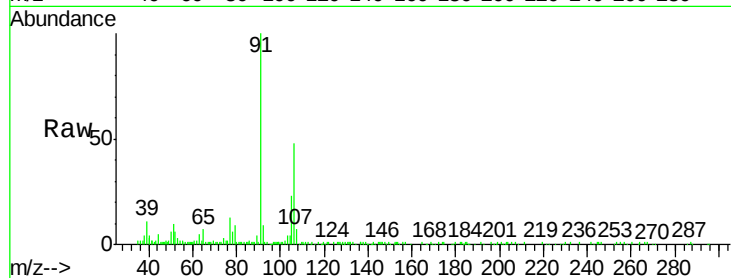
LOD-MDL-WATER-01-QT1-2020

Tgt Ion:106 Resp: 10270

Ion Ratio Lower Upper

106 100

91 198.4 159.4 239.2



#69

o-Xylene

Concen: 0.764 ug/l

RT: 10.70 min Scan# 1609

Delta R.T. -0.00 min

Lab File: VX015091.D

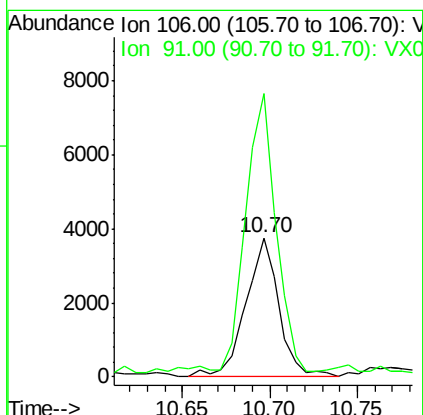
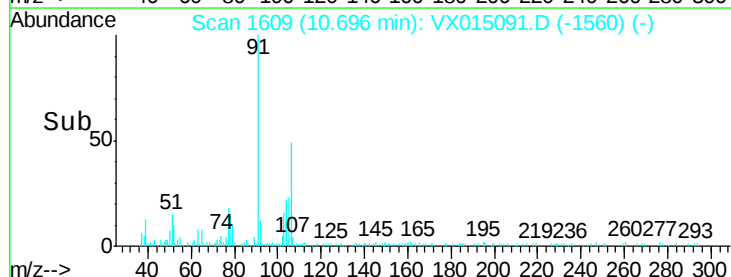
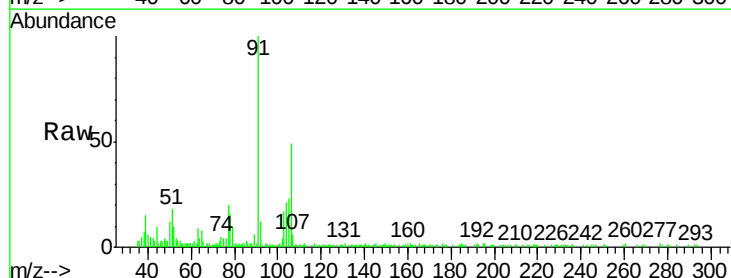
Acq: 04 Mar 2020 16:42

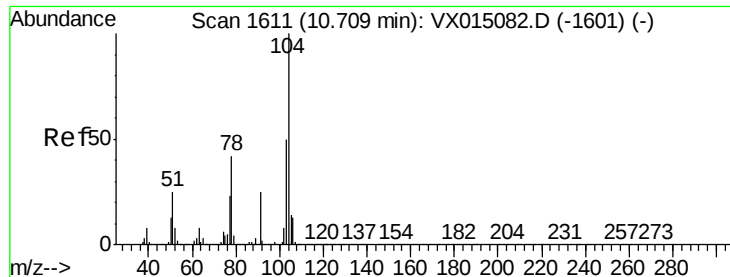
Tgt Ion:106 Resp: 4938

Ion Ratio Lower Upper

106 100

91 181.8 105.4 316.1





#70

Styrene

Concen: 0.682 ug/l

RT: 10.71 min Scan# 1611

Delta R.T. -0.00 min

Lab File: VX015091.D

Acq: 04 Mar 2020 16:42

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

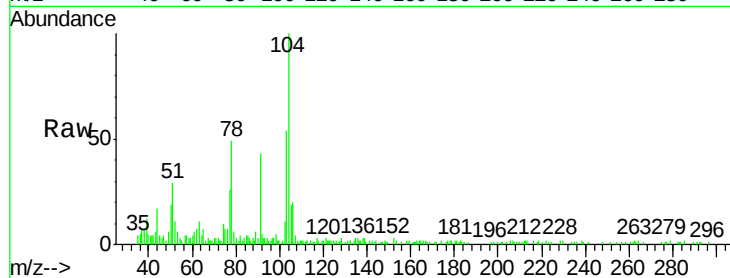
Tgt Ion:104 Resp: 7563

Ion Ratio Lower Upper

104 100

78 52.7 39.0 58.4

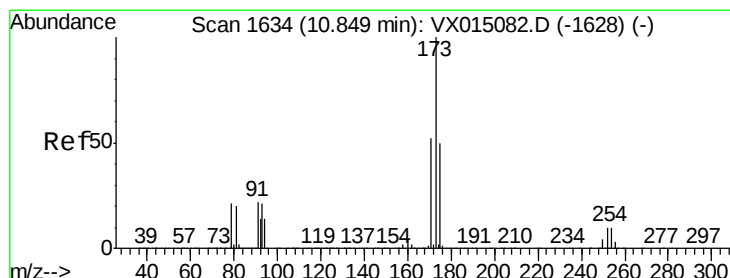
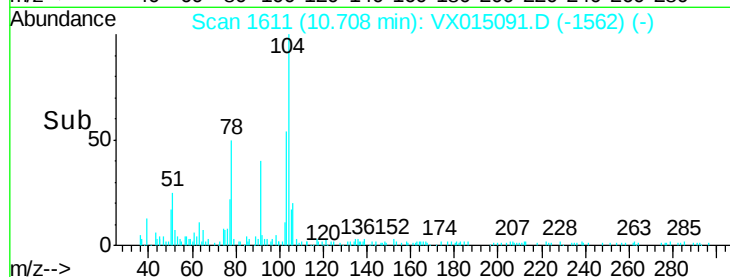
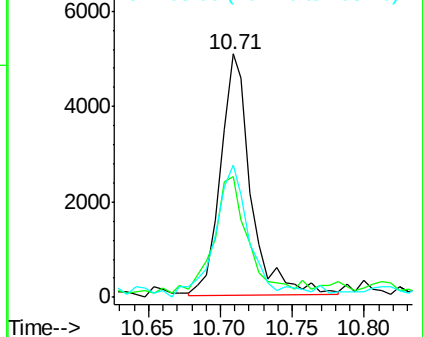
103 62.7 43.7 65.5



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): V

Ion 103.00 (102.70 to 103.70): V



#71

Bromoform

Concen: 0.691 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.00 min

Lab File: VX015091.D

Acq: 04 Mar 2020 16:42

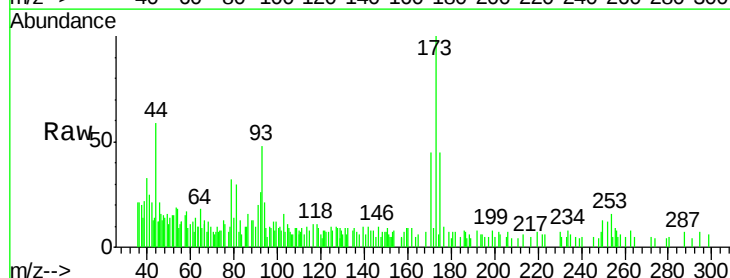
Tgt Ion:173 Resp: 2110

Ion Ratio Lower Upper

173 100

175 58.0 24.9 74.7

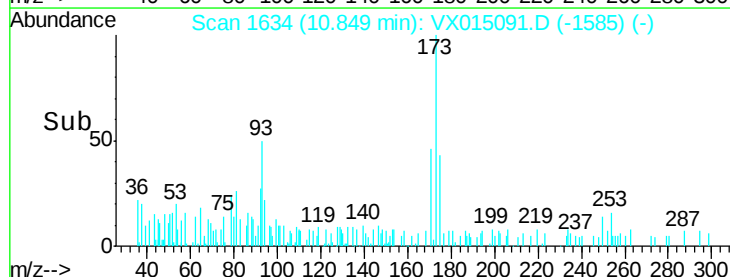
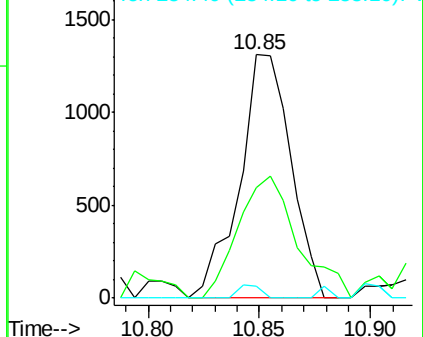
254 2.4 0.2 0.2#

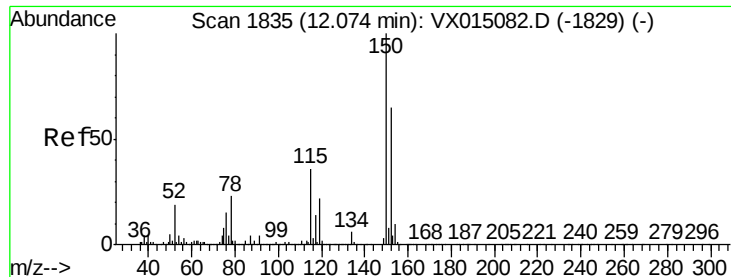


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX015091.D

Acq: 04 Mar 2020 16:42

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

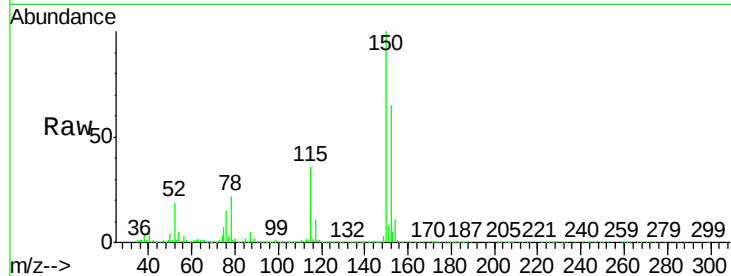
Tgt Ion:152 Resp: 252256

Ion Ratio Lower Upper

152 100

115 55.8 38.2 114.6

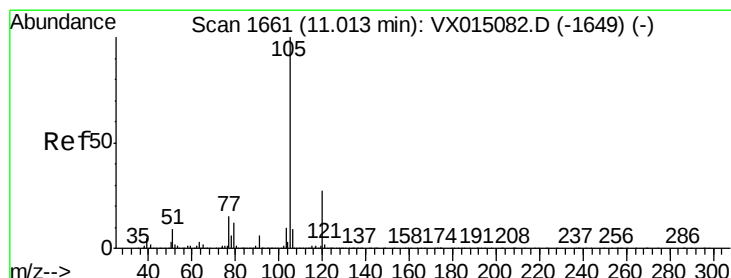
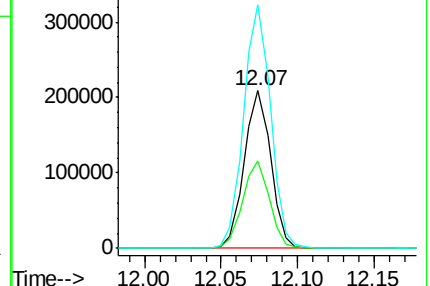
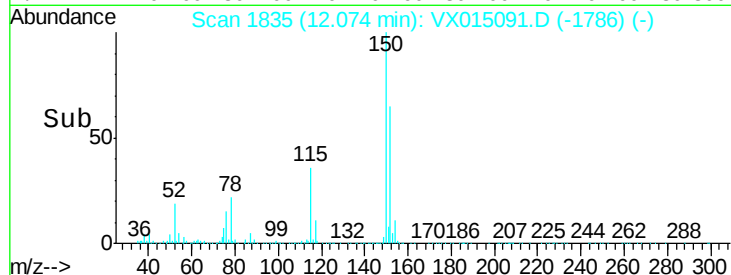
150 155.9 0.0 343.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 0.708 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX015091.D

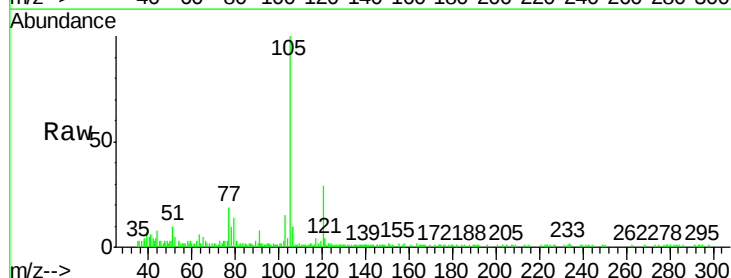
Acq: 04 Mar 2020 16:42

Tgt Ion:105 Resp: 11406

Ion Ratio Lower Upper

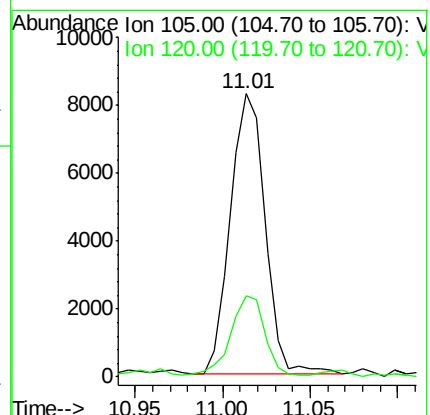
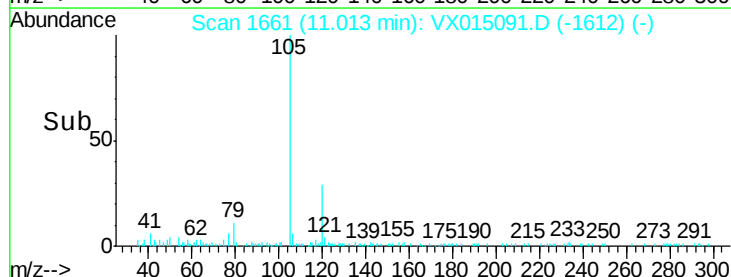
105 100

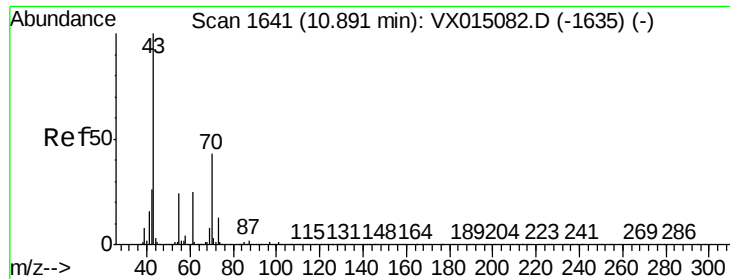
120 27.1 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

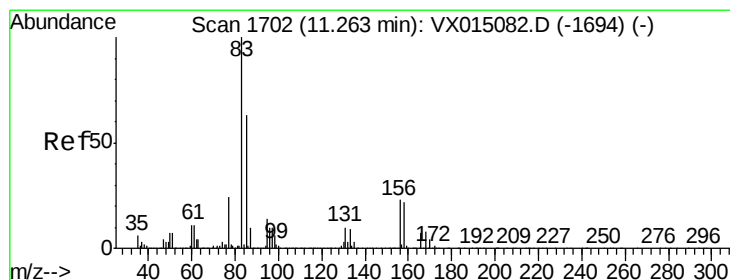
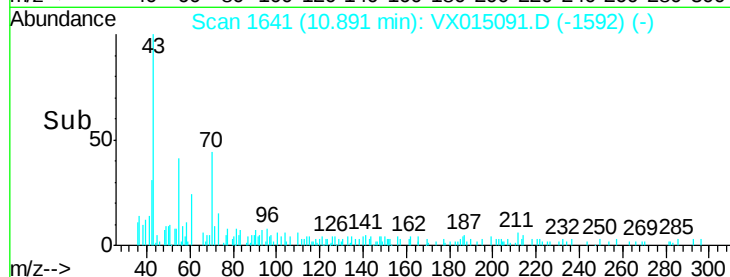
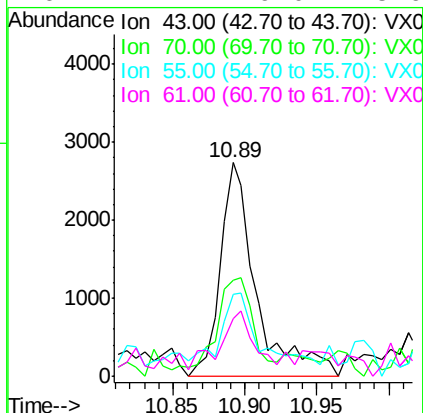
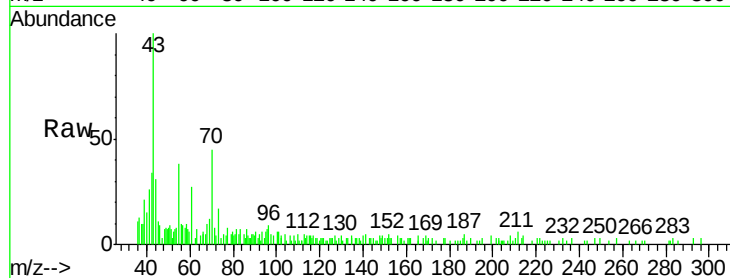




#74
N-ethyl acetate
Concen: 0.703 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. -0.00 min
Lab File: VX015091.D
Acq: 04 Mar 2020 16:42

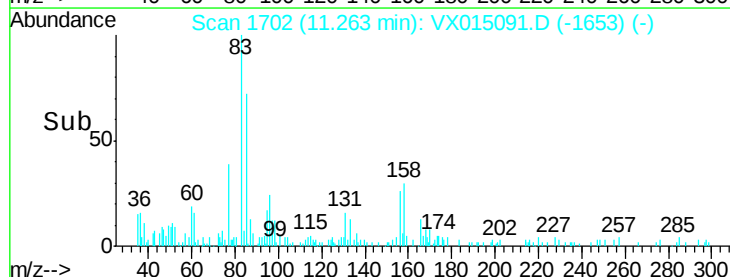
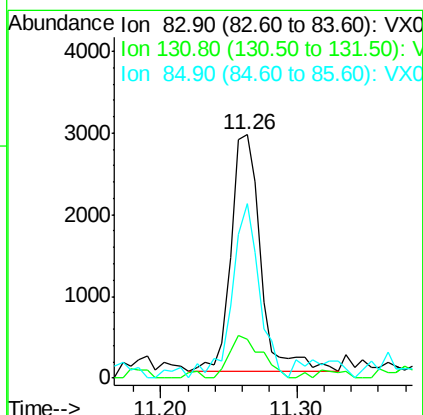
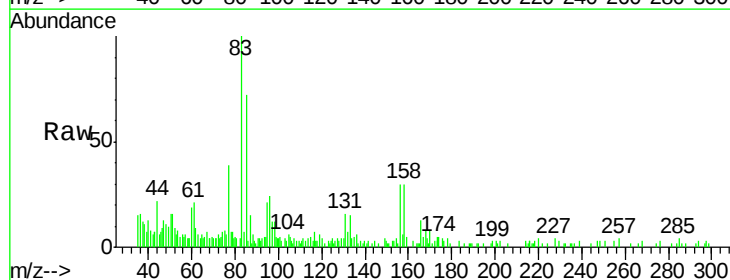
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

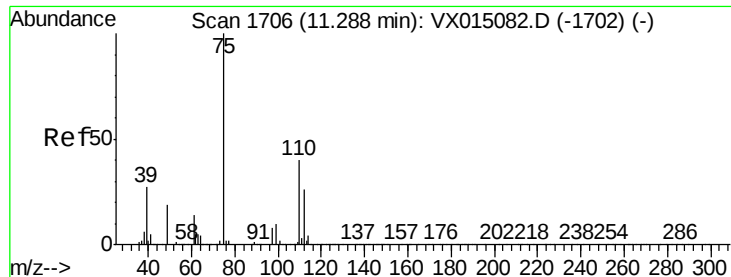
Tgt Ion:	43	Resp:	4777
Ion	Ratio	Lower	Upper
43	100		
70	42.0	34.7	52.1
55	33.1	19.4	29.0#
61	27.7	19.0	28.6



#75
1,1,2,2-Tetrachloroethane
Concen: 0.820 ug/l
RT: 11.26 min Scan# 1702
Delta R.T. -0.00 min
Lab File: VX015091.D
Acq: 04 Mar 2020 16:42

Tgt Ion:	83	Resp:	4402
Ion	Ratio	Lower	Upper
83	100		
131	19.5	5.0	14.9#
85	68.0	31.9	95.9





#76

1,2,3-Trichloropropane

Concen: 0.835 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX015091.D

Acq: 04 Mar 2020 16:42

Instrument :

MSVOA_X

ClientSampleId :

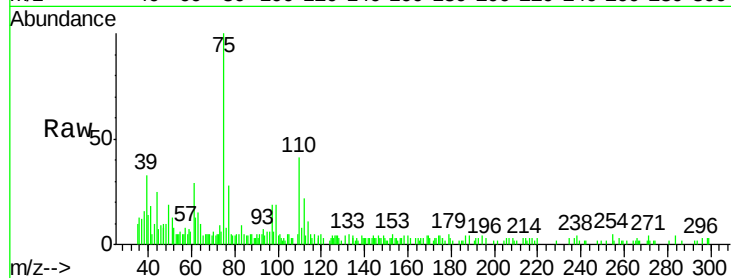
LOD-MDL-WATER-01-QT1-2020

Tgt Ion: 75 Resp: 4199

Ion Ratio Lower Upper

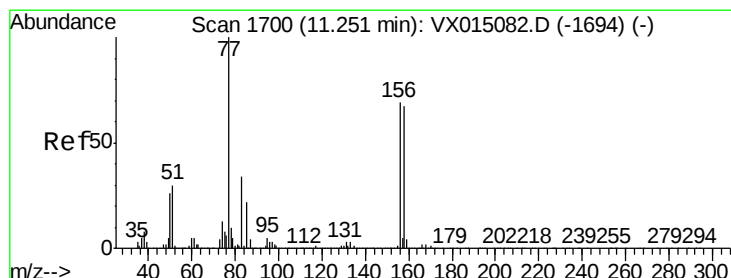
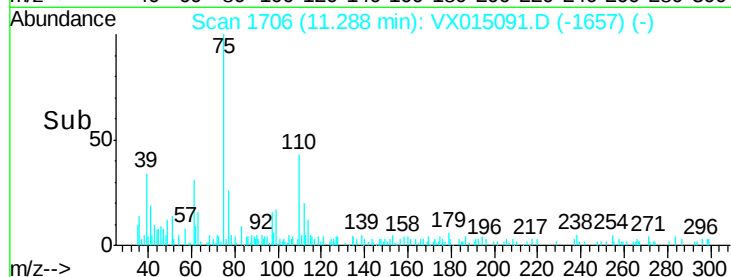
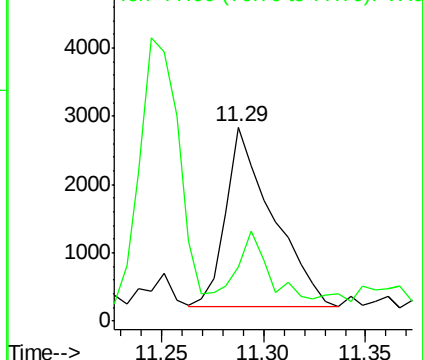
75 100

77 33.2 22.6 67.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#77

Bromobenzene

Concen: 0.849 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX015091.D

Acq: 04 Mar 2020 16:42

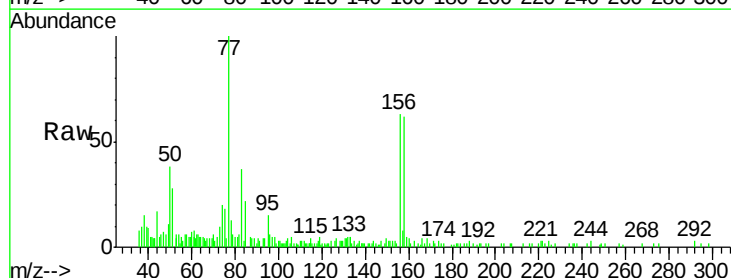
Tgt Ion: 156 Resp: 3814

Ion Ratio Lower Upper

156 100

77 147.4 75.3 225.9

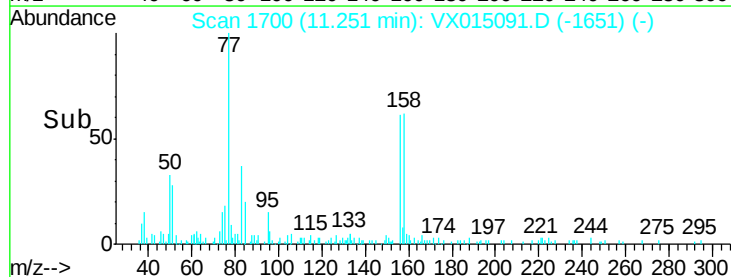
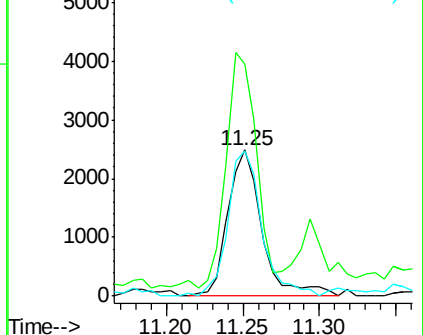
158 99.7 48.5 145.6

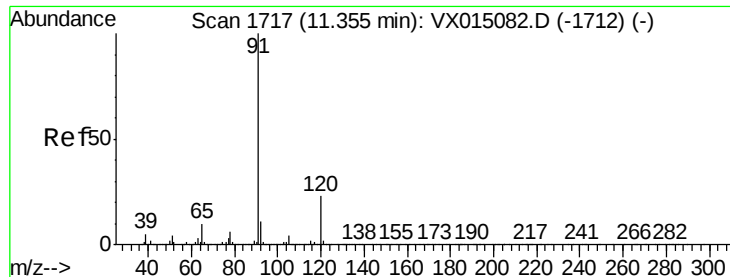


Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V





#78

n-propylbenzene

Concen: 0.763 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX015091.D

Acq: 04 Mar 2020 16:42

Instrument :

MSVOA_X

ClientSampleId :

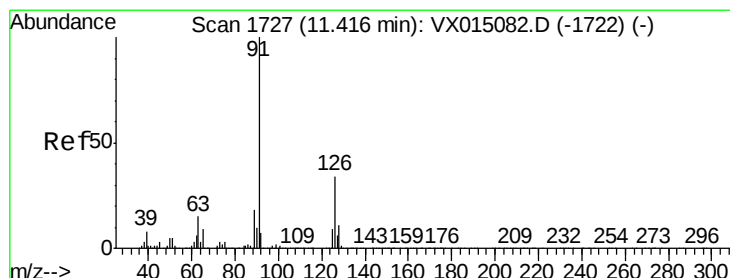
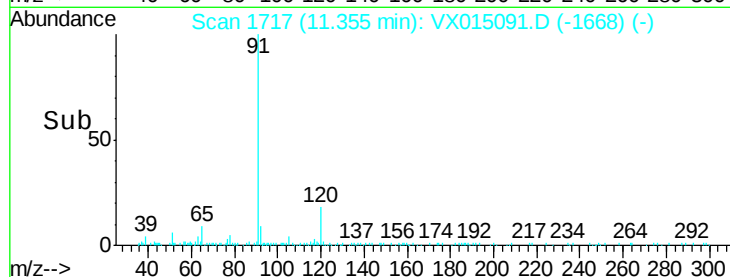
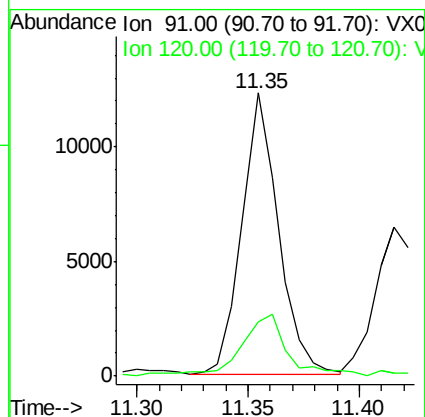
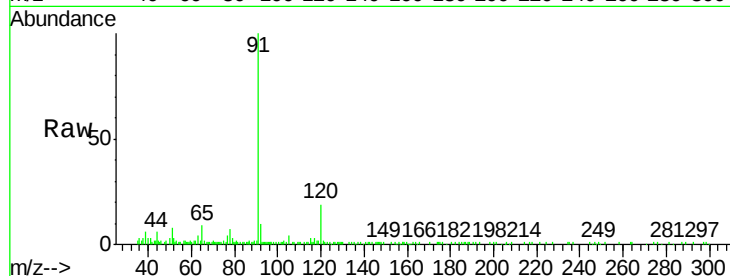
LOD-MDL-WATER-01-QT1-2020

Tgt Ion: 91 Resp: 14052

Ion Ratio Lower Upper

91 100

120 28.2 11.7 35.1



#79

2-Chlorotoluene

Concen: 0.785 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX015091.D

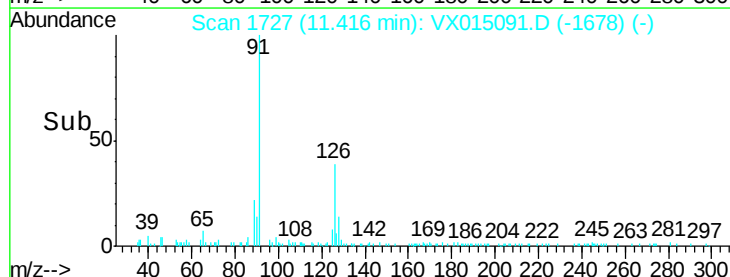
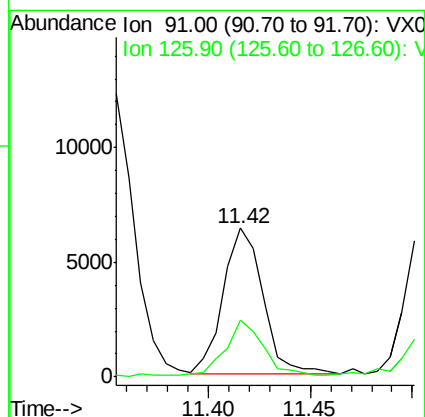
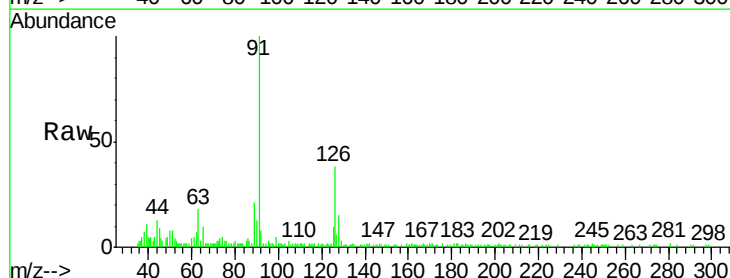
Acq: 04 Mar 2020 16:42

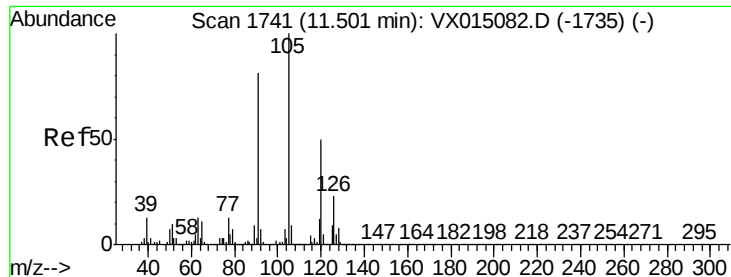
Tgt Ion: 91 Resp: 8629

Ion Ratio Lower Upper

91 100

126 34.5 17.3 52.0





#80

1,3,5-Trimethylbenzene

Concen: 0.720 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX015091.D

Acq: 04 Mar 2020 16:42

Instrument :

MSVOA_X

ClientSampleId :

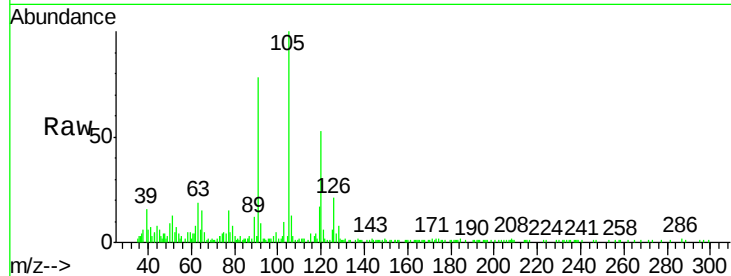
LOD-MDL-WATER-01-QT1-2020

Tgt Ion:105 Resp: 9657

Ion Ratio Lower Upper

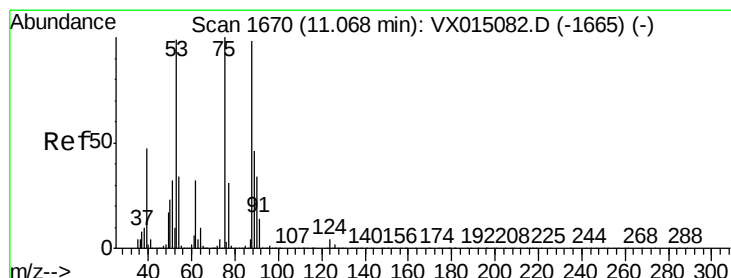
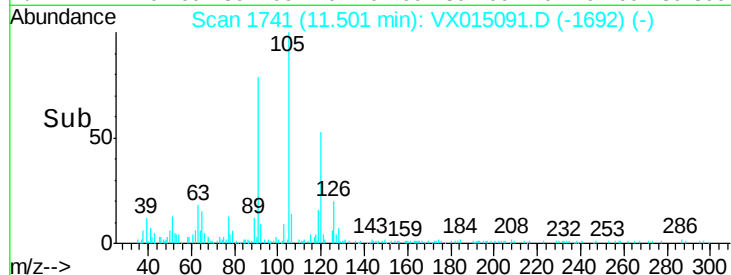
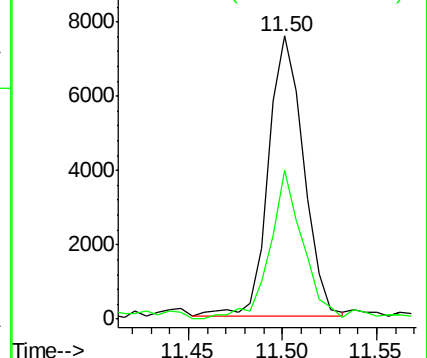
105 100

120 50.3 25.1 75.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 63.802 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.06 min

Lab File: VX015091.D

Acq: 04 Mar 2020 16:42

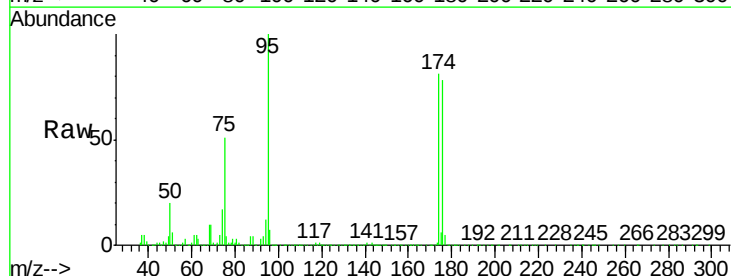
Tgt Ion: 75 Resp: 113120

Ion Ratio Lower Upper

75 100

53 0.4 77.9 116.9#

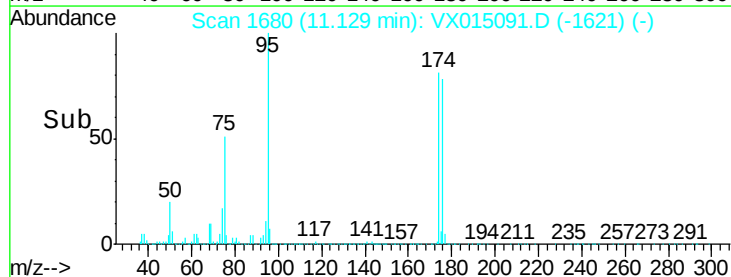
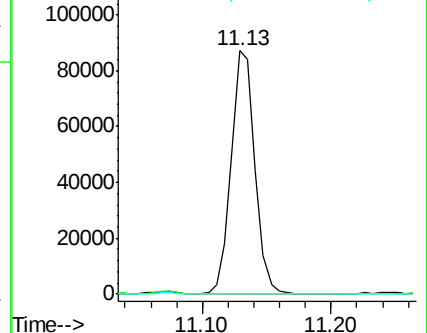
89 0.1 36.2 54.2#

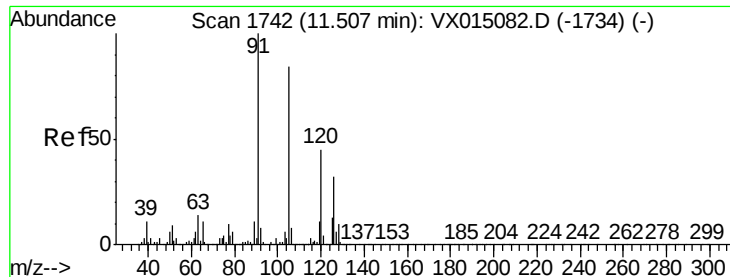


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

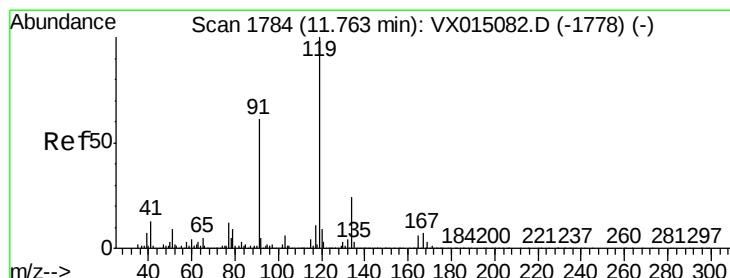
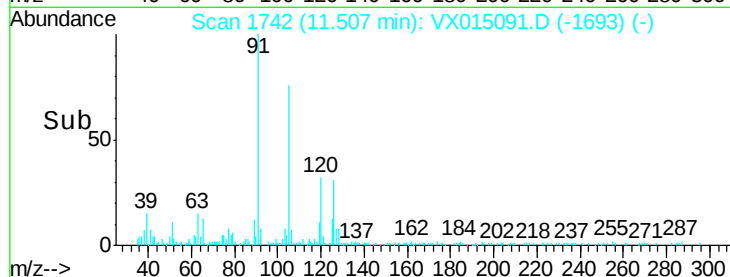
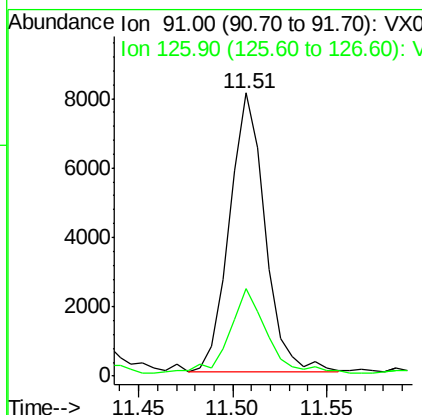
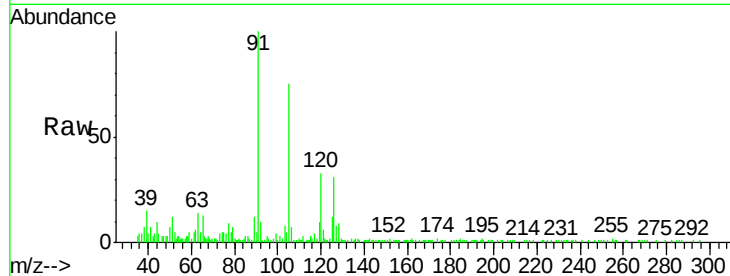




#82
4-Chlorotoluene
Concen: 0.810 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX015091.D
Acq: 04 Mar 2020 16:42

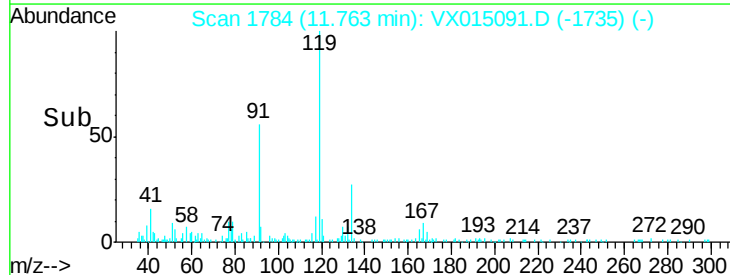
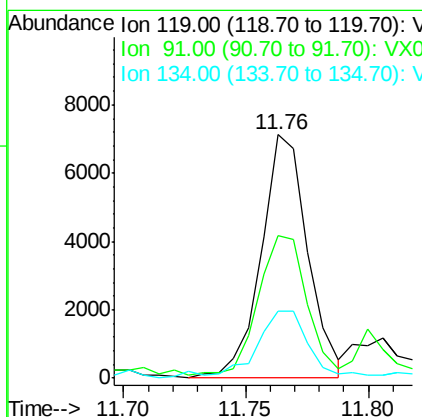
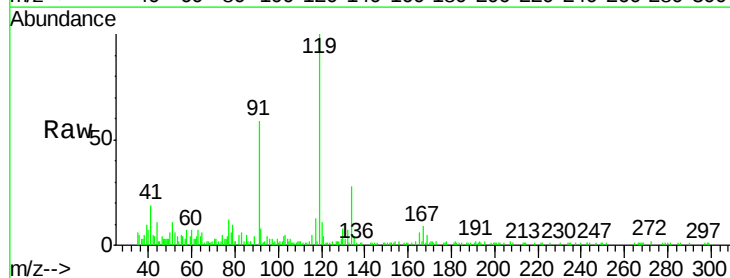
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

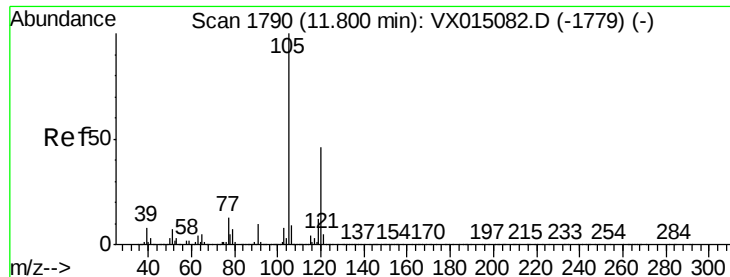
Tgt Ion: 91 Resp: 10524
Ion Ratio Lower Upper
91 100
126 32.0 15.4 46.2



#83
tert-Butylbenzene
Concen: 0.731 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.00 min
Lab File: VX015091.D
Acq: 04 Mar 2020 16:42

Tgt Ion: 119 Resp: 9477
Ion Ratio Lower Upper
119 100
91 63.0 28.5 85.6
134 32.0 11.9 35.7

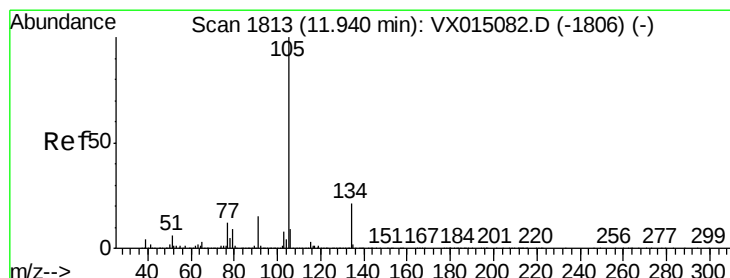
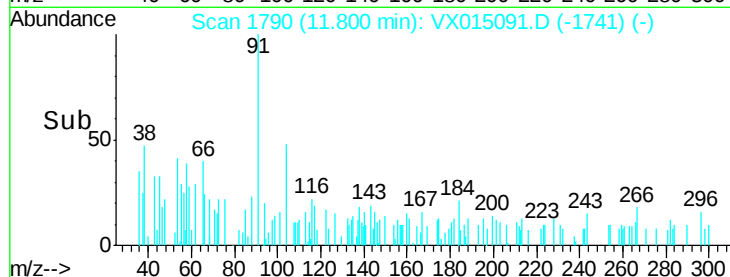
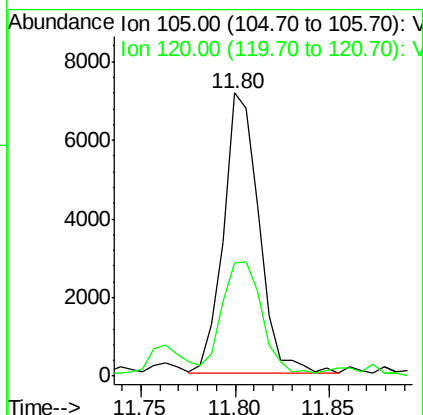
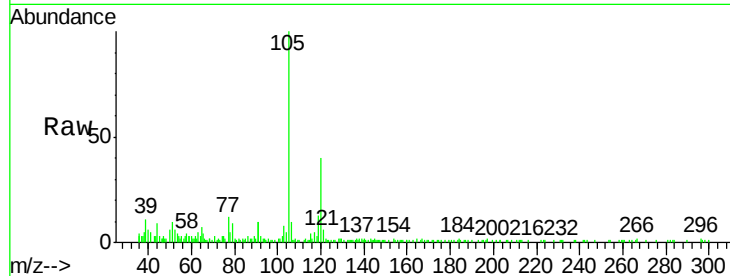




#84
 1,2,4-Trimethylbenzene
 Concen: 0.685 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX015091.D
 Acq: 04 Mar 2020 16:42

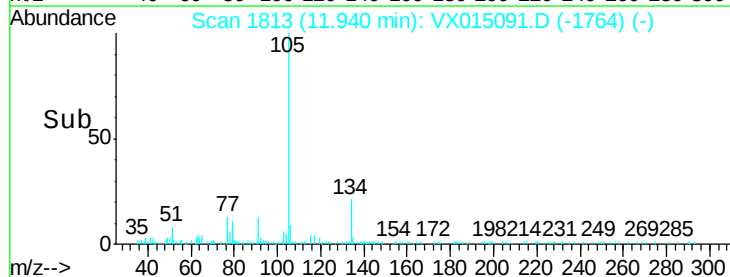
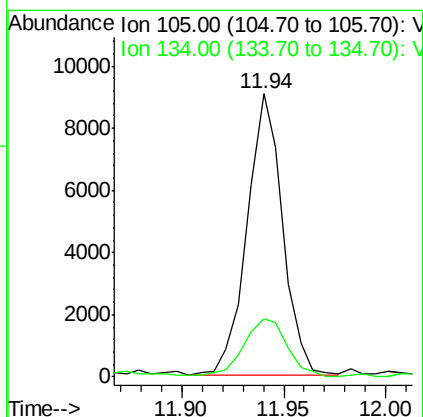
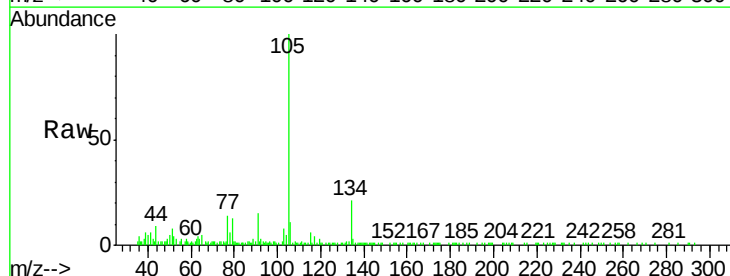
Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2020

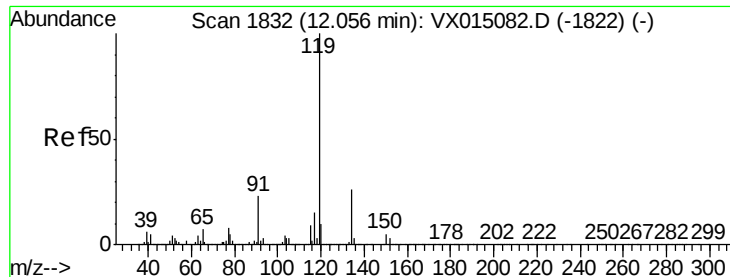
Tgt Ion:105 Resp: 9233
 Ion Ratio Lower Upper
 105 100
 120 44.1 22.9 68.5



#85
 sec-Butylbenzene
 Concen: 0.699 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX015091.D
 Acq: 04 Mar 2020 16:42

Tgt Ion:105 Resp: 10938
 Ion Ratio Lower Upper
 105 100
 134 25.8 10.4 31.2

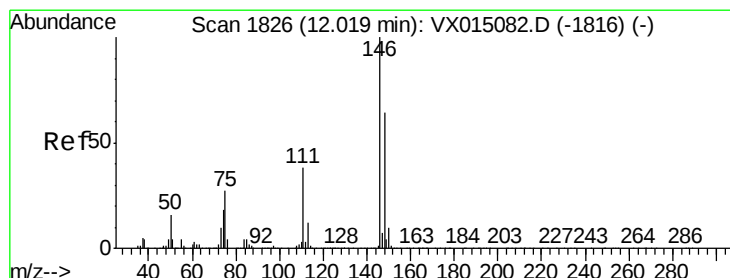
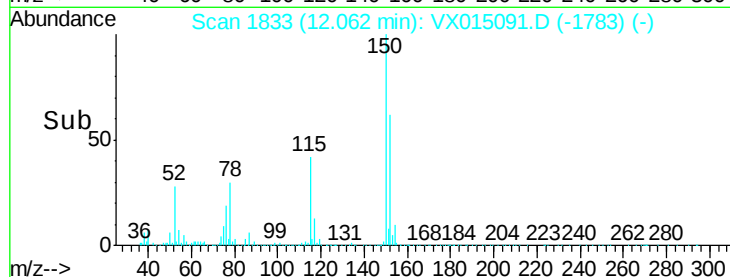
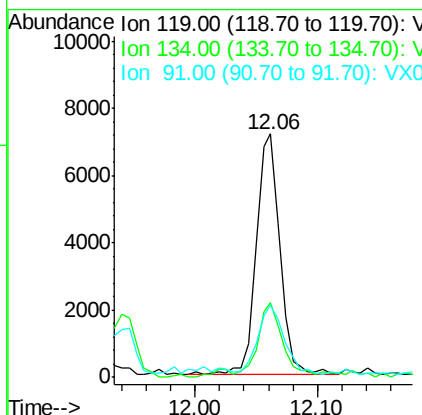
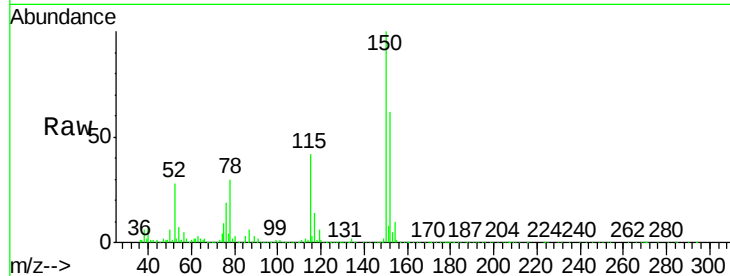




#86
p-Isopropyltoluene
Concen: 0.679 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. 0.01 min
Lab File: VX015091.D
Acq: 04 Mar 2020 16:42

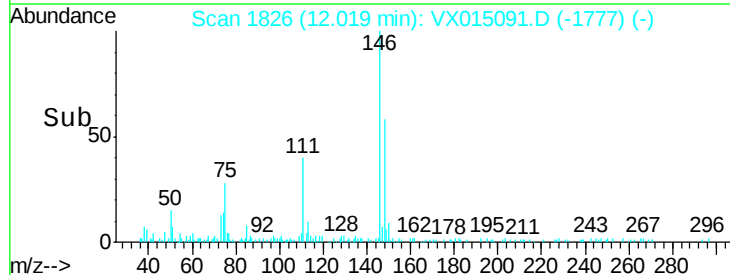
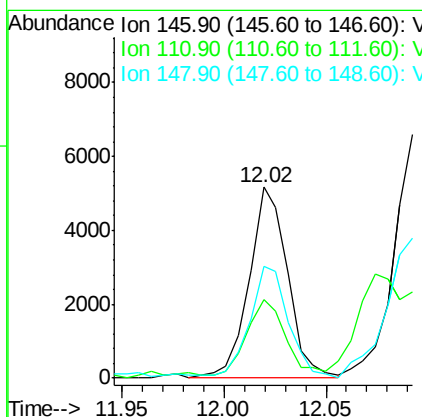
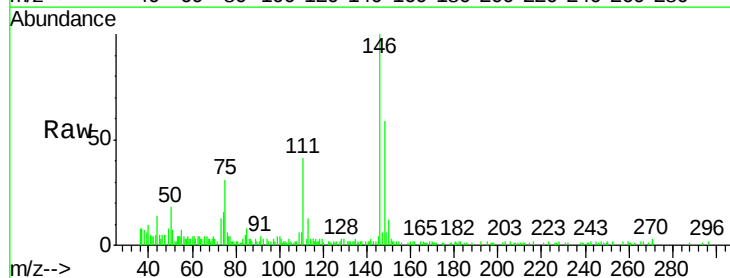
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

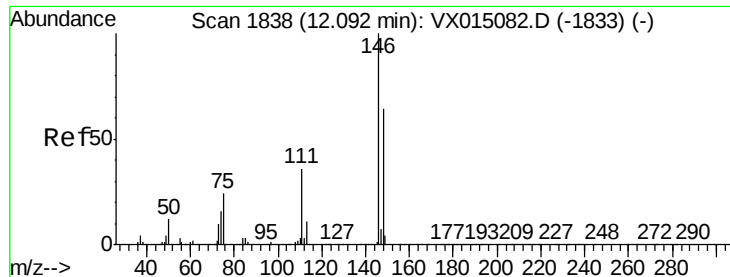
Tgt Ion	Ratio	Lower	Upper
119	100		
134	29.2	13.4	40.1
91	32.6	11.3	33.8



#87
1,3-Dichlorobenzene
Concen: 0.859 ug/l
RT: 12.02 min Scan# 1826
Delta R.T. -0.00 min
Lab File: VX015091.D
Acq: 04 Mar 2020 16:42

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.5	19.1	57.1
148	59.1	31.9	95.5

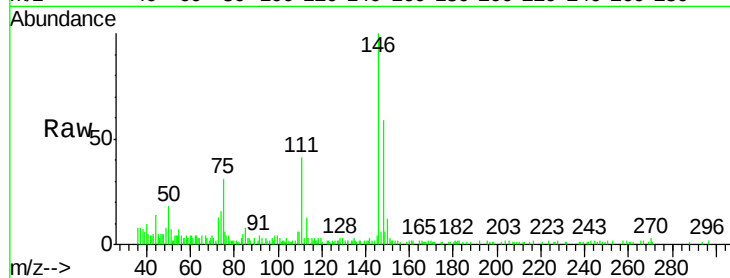




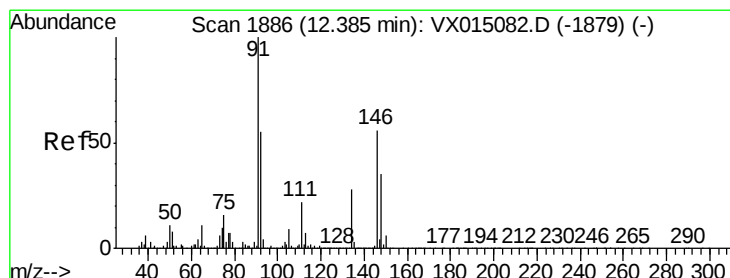
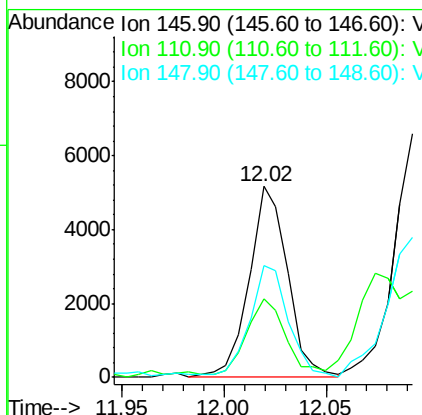
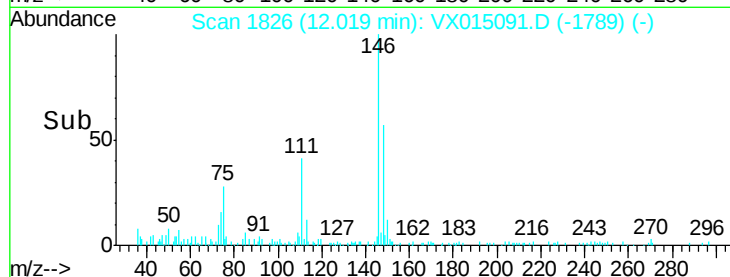
#88
 1,4-Dichlorobenzene
 Concen: 0.832 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.07 min
 Lab File: VX015091.D
 Acq: 04 Mar 2020 16:42

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2020

Tgt Ion: 146 Resp: 6784
 Ion Ratio Lower Upper
 146 100
 111 43.8 18.7 56.1
 148 59.1 32.5 97.4

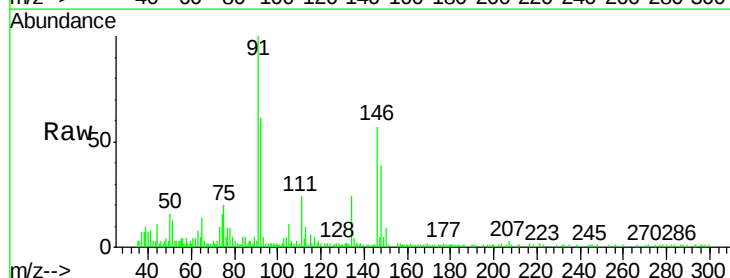


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

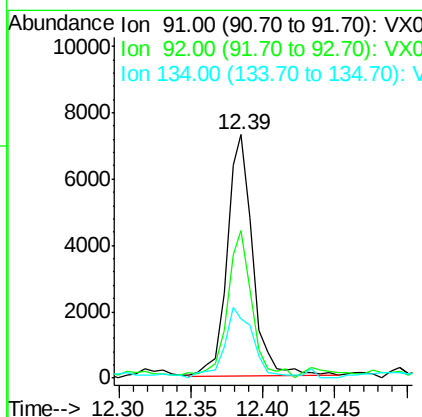
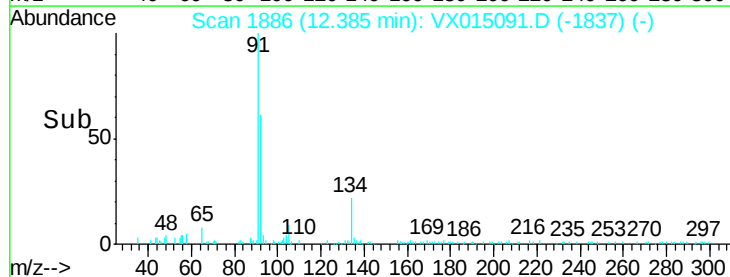


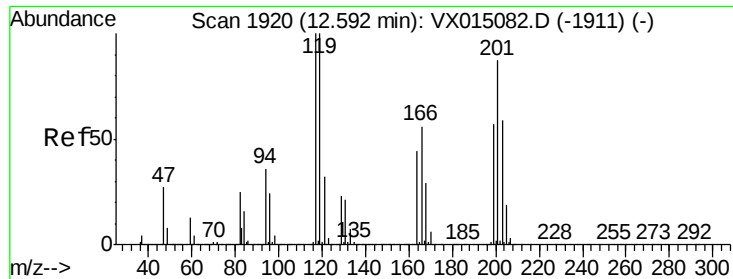
#89
 n-Butylbenzene
 Concen: 0.713 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX015091.D
 Acq: 04 Mar 2020 16:42

Tgt Ion: 91 Resp: 9144
 Ion Ratio Lower Upper
 91 100
 92 59.6 27.2 81.6
 134 32.9 13.5 40.5



Abundance Ion 91.00 (90.70 to 91.70): VX0
 Ion 92.00 (91.70 to 92.70): VX0
 Ion 134.00 (133.70 to 134.70): V

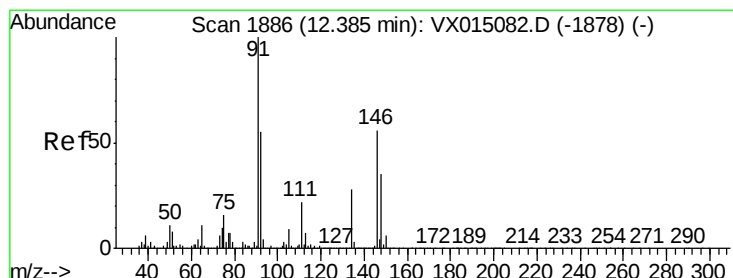
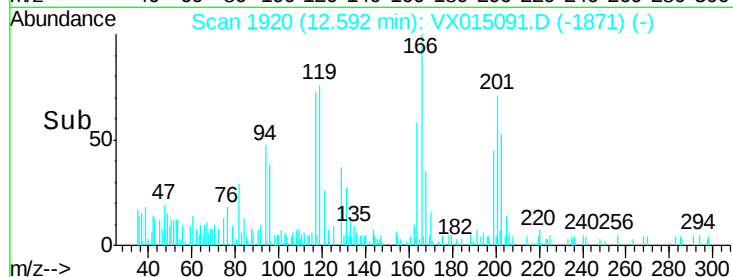
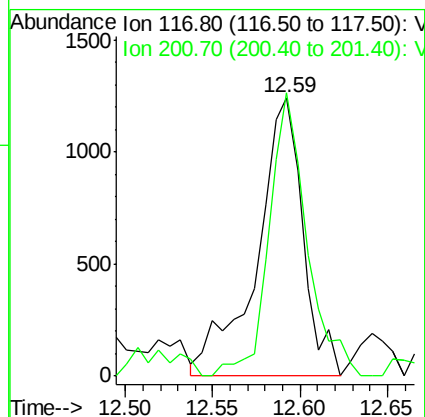
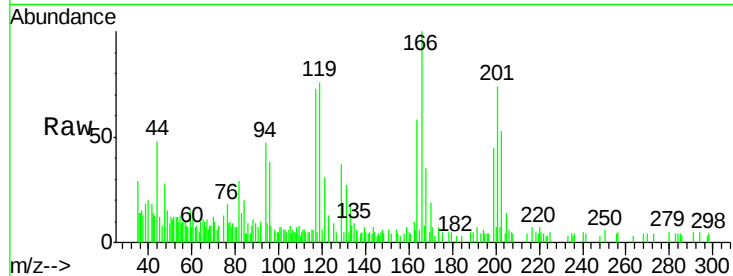




#90
Hexachloroethane
Concen: 0.840 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX015091.D
Acq: 04 Mar 2020 16:42

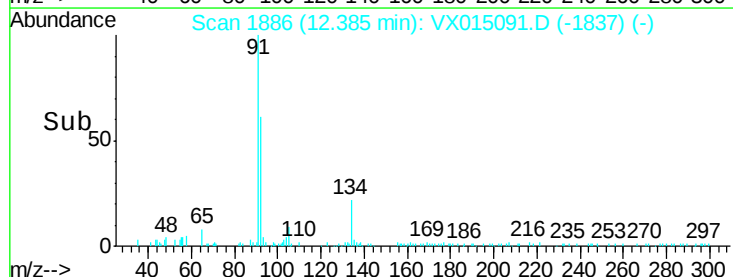
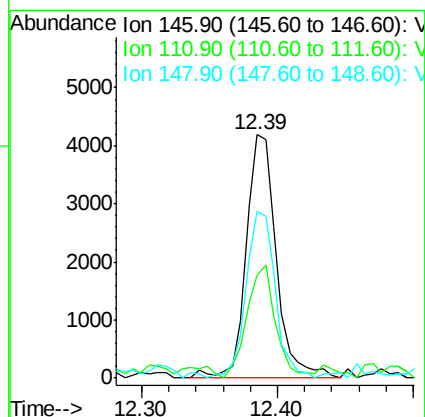
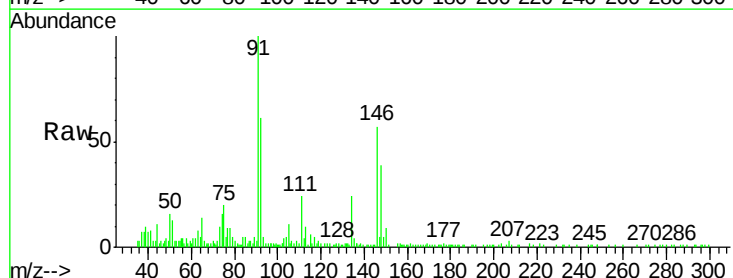
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

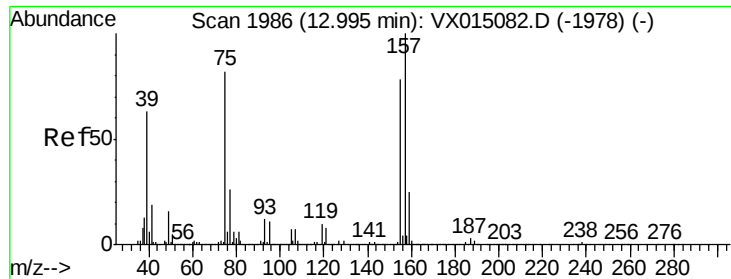
Tgt Ion:117 Resp: 2292
Ion Ratio Lower Upper
117 100
201 83.2 43.5 130.7



#91
1,2-Dichlorobenzene
Concen: 0.828 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX015091.D
Acq: 04 Mar 2020 16:42

Tgt Ion:146 Resp: 6500
Ion Ratio Lower Upper
146 100
111 44.3 19.9 59.7
148 66.5 32.3 96.8





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.740 ug/l

RT: 13.00 min Scan# 1987

Delta R.T. 0.01 min

Lab File: VX015091.D

Acq: 04 Mar 2020 16:42

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

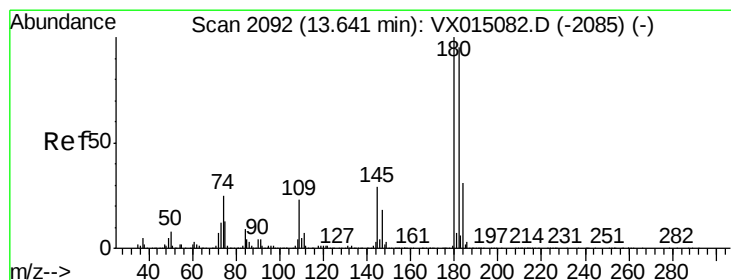
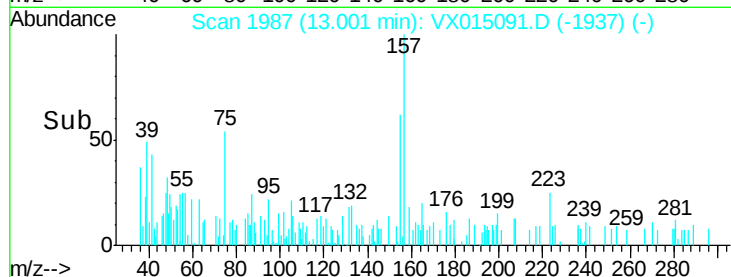
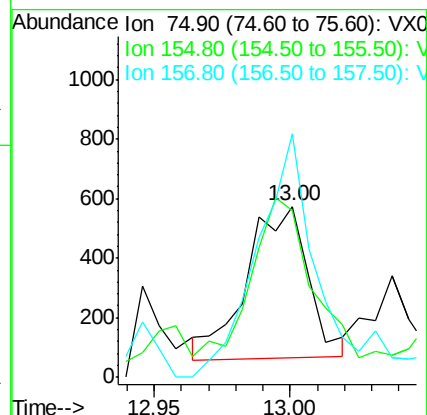
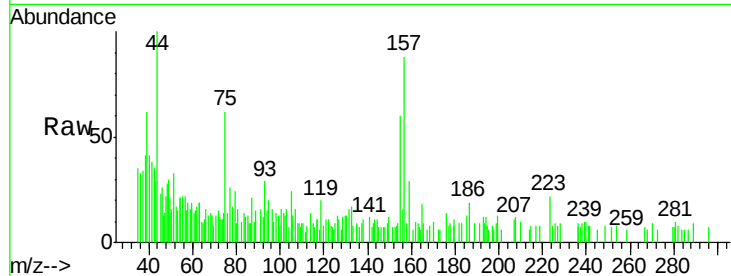
Tgt Ion: 75 Resp: 796

Ion Ratio Lower Upper

75 100

155 116.5 46.6 139.7

157 161.2 59.2 177.5



#93

1,2,4-Trichlorobenzene

Concen: 0.850 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. -0.00 min

Lab File: VX015091.D

Acq: 04 Mar 2020 16:42

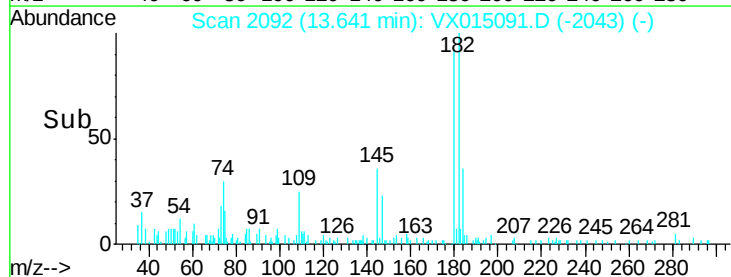
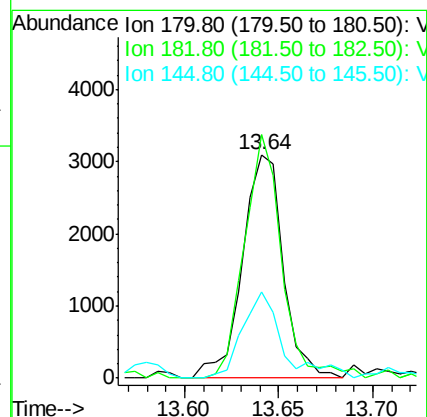
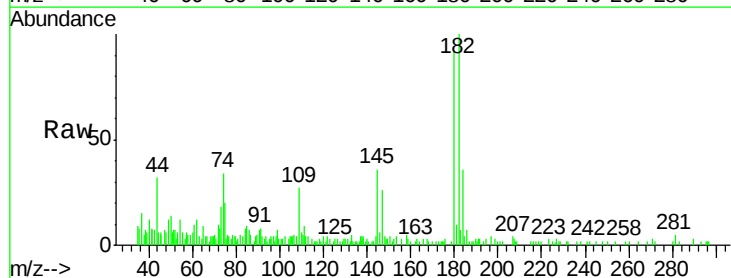
Tgt Ion: 180 Resp: 4633

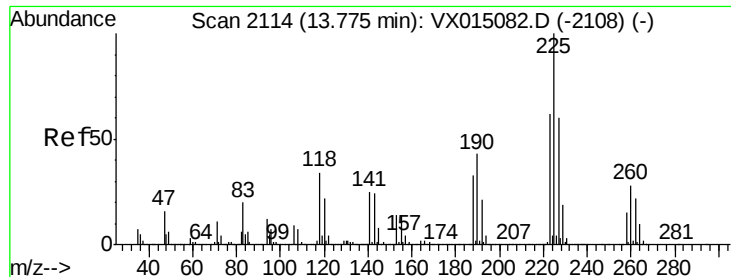
Ion Ratio Lower Upper

180 100

182 100.4 47.6 142.8

145 38.2 14.1 42.2





#94

Hexachlorobutadiene

Concen: 0.897 ug/l

RT: 13.78 min Scan# 2114

Delta R.T. -0.00 min

Lab File: VX015091.D

Acq: 04 Mar 2020 16:42

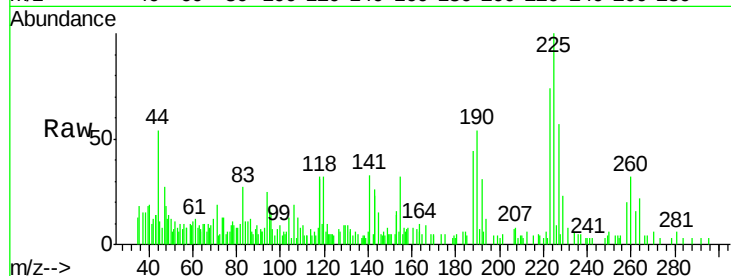
Instrument :

MSVOA_X

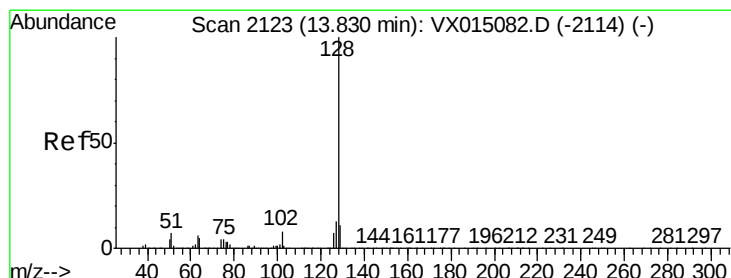
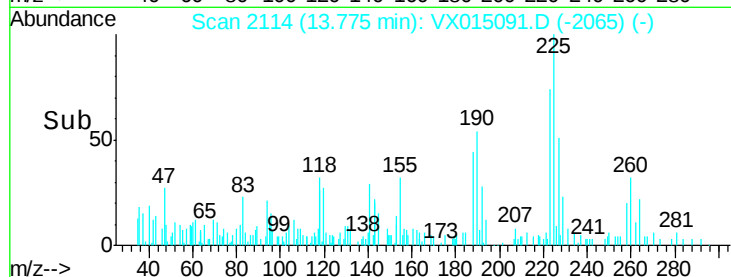
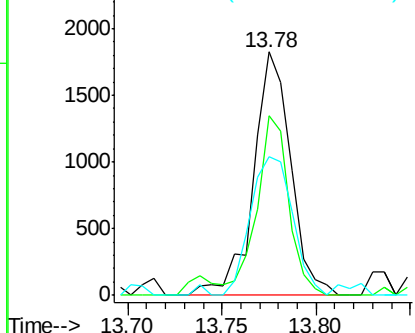
ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

Tgt Ion:	225	Resp:	2509
Ion	Ratio	Lower	Upper
225	100		
223	63.0	31.3	93.9
227	64.2	31.1	93.2



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 0.662 ug/l

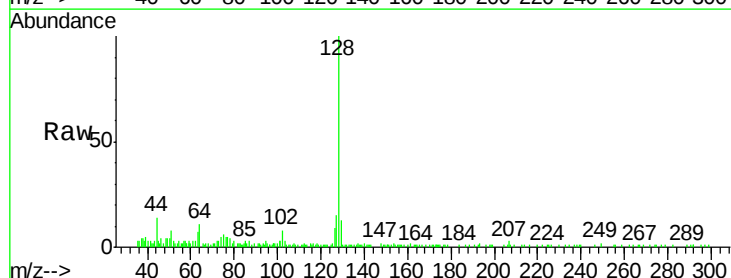
RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

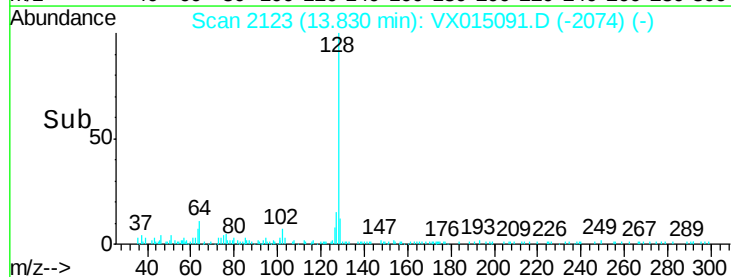
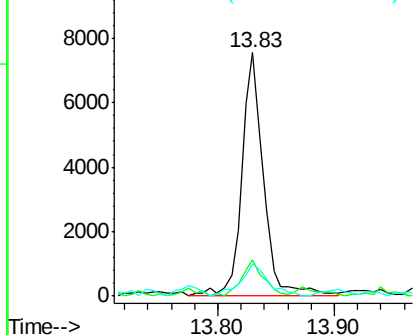
Lab File: VX015091.D

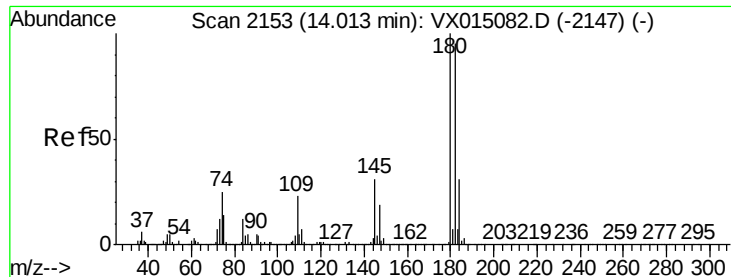
Acq: 04 Mar 2020 16:42

Tgt Ion:	128	Resp:	9866
Ion	Ratio	Lower	Upper
128	100		
127	14.8	10.3	15.5
129	16.8	8.6	13.0#



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 0.861 ug/l
 RT: 14.01 min Scan# 2153
 Delta R.T. -0.00 min
 Lab File: VX015091.D
 Acq: 04 Mar 2020 16:42

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2020

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	47.8	143.4
145	33.0	15.1	45.3

