

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX030520\
 Data File : VX015103.D
 Acq On : 05 Mar 2020 11:56
 Operator : JC/SP
 Sample : L1161-07 2.5PPB LOD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Mar 06 03:06:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 06 03:01:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	412127	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	618843	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	567795	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	289218	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	250482	51.23	ug/l	0.00
Spiked Amount			Recovery	=	102.46%	
35) Dibromofluoromethane	5.48	113	200700	51.41	ug/l	0.00
Spiked Amount			Recovery	=	102.82%	
50) Toluene-d8	8.71	98	776511	52.29	ug/l	0.00
Spiked Amount			Recovery	=	104.58%	
62) 4-Bromofluorobenzene	11.13	95	268630	50.71	ug/l	0.00
Spiked Amount			Recovery	=	101.42%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	9054	2.509	ug/l	91
3) Chloromethane	1.32	50	14376	2.812	ug/l	99
4) Vinyl Chloride	1.40	62	14393	2.777	ug/l	99
5) Bromomethane	1.64	94	10415	3.268	ug/l	95
6) Chloroethane	1.72	64	8693	2.796	ug/l	91
7) Trichlorofluoromethane	1.92	101	16952	2.748	ug/l	98
8) Diethyl Ether	2.18	74	8178	2.927	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	11574	2.983	ug/l	98
10) Methyl Iodide	2.50	142	7975	1.819	ug/l #	88
11) Tert butyl alcohol	3.03	59	17013	20.055	ug/l	95
12) 1,1-Dichloroethene	2.37	96	11456	2.860	ug/l	98
13) Acrolein	2.28	56	10195	12.788	ug/l	94
14) Allyl chloride	2.72	41	16578	2.374	ug/l	95
15) Acrylonitrile	3.14	53	24531	11.612	ug/l	93
16) Acetone	2.44	43	27489	13.883	ug/l	98
17) Carbon Disulfide	2.56	76	28673	2.578	ug/l	100
18) Methyl Acetate	2.76	43	13198	2.726	ug/l #	90
19) Methyl tert-butyl Ether	3.18	73	32909	2.630	ug/l	97
20) Methylene Chloride	2.85	84	12860	2.775	ug/l #	95
21) trans-1,2-Dichloroethene	3.16	96	12144	2.840	ug/l	84
22) Diisopropyl ether	3.84	45	37822	2.718	ug/l	92
23) Vinyl Acetate	3.80	43	143953	12.587	ug/l	98
24) 1,1-Dichloroethane	3.69	63	20314	2.631	ug/l	93
25) 2-Butanone	4.67	43	34684	11.965	ug/l	98
26) 2,2-Dichloropropane	4.57	77	17260	2.816	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	12543	2.614	ug/l	96
28) Bromochloromethane	5.01	49	10197	2.900	ug/l	94
29) Tetrahydrofuran	5.12	42	22564	12.075	ug/l	97
30) Chloroform	5.19	83	20814	2.766	ug/l	92
31) Cyclohexane	5.57	56	18585	2.698	ug/l	91
32) 1,1,1-Trichloroethane	5.48	97	17312	2.775	ug/l	93
36) 1,1-Dichloropropene	5.79	75	15398	2.692	ug/l	97
37) Ethyl Acetate	4.82	43	13583	2.560	ug/l #	93
38) Carbon Tetrachloride	5.78	117	14335	2.655	ug/l	95

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	17700	2.650	ug/l	99
40) Benzene	6.14	78	46141	2.718	ug/l	95
41) Methacrylonitrile	5.03	41	7741	2.429	ug/l	97
42) 1,2-Dichloroethane	6.18	62	18340	3.146	ug/l	90
43) Isopropyl Acetate	6.43	43	23574	2.525	ug/l	98
44) Trichloroethene	7.20	130	13467	2.849	ug/l	91
45) 1,2-Dichloropropane	7.51	63	11199	2.549	ug/l #	86
46) Dibromomethane	7.65	93	8215	2.870	ug/l	96
47) Bromodichloromethane	7.89	83	14886	2.630	ug/l #	98
48) Methyl methacrylate	7.76	41	10383	2.185	ug/l	94
49) 1,4-Dioxane	7.75	88	4972	48.397	ug/l	94
51) 4-Methyl-2-Pentanone	8.64	43	66992	12.137	ug/l	99
52) Toluene	8.78	92	29218	2.815	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	14409	2.391	ug/l	93
54) cis-1,3-Dichloropropene	8.43	75	16650	2.444	ug/l	93
55) 1,1,2-Trichloroethane	9.21	97	10936	2.560	ug/l	95
56) Ethyl methacrylate	9.17	69	14006	2.299	ug/l	99
57) 1,3-Dichloropropane	9.37	76	18922	2.633	ug/l	95
58) 2-Chloroethyl Vinyl ether	8.31	63	42053	12.670	ug/l	98
59) 2-Hexanone	9.48	43	49712	12.151	ug/l	98
60) Dibromochloromethane	9.57	129	10941	2.438	ug/l	93
61) 1,2-Dibromoethane	9.67	107	11970	2.668	ug/l	97
64) Tetrachloroethene	9.33	164	13460	2.867	ug/l	95
65) Chlorobenzene	10.14	112	31800	2.790	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.21	131	10195	2.372	ug/l	94
67) Ethyl Benzene	10.25	91	51695	2.671	ug/l	100
68) m/p-Xylenes	10.36	106	38566	5.237	ug/l	99
69) o-Xylene	10.70	106	18105	2.568	ug/l	99
70) Styrene	10.71	104	28169	2.330	ug/l	98
71) Bromoform	10.85	173	7546	2.264	ug/l #	98
73) Isopropylbenzene	11.01	105	47858	2.590	ug/l	99
74) N-amyl acetate	10.89	43	18290	2.349	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.26	83	16084	2.612	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	16642	2.885	ug/l	82
77) Bromobenzene	11.25	156	14104	2.739	ug/l	97
78) n-propylbenzene	11.35	91	57071	2.704	ug/l	99
79) 2-Chlorotoluene	11.42	91	34058	2.702	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	39594	2.574	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.13	75	134437	66.135	ug/l #	11
82) 4-Chlorotoluene	11.51	91	38806	2.606	ug/l	99
83) tert-Butylbenzene	11.76	119	39600	2.663	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	40118	2.596	ug/l	100
85) sec-Butylbenzene	11.94	105	46299	2.579	ug/l	98
86) p-Isopropyltoluene	12.06	119	42928	2.595	ug/l	95
87) 1,3-Dichlorobenzene	12.02	146	25368	2.803	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	26735	2.861	ug/l	94
89) n-Butylbenzene	12.39	91	36532	2.483	ug/l	99
90) Hexachloroethane	12.59	117	7421	2.373	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	24586	2.732	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.99	75	3505	2.843	ug/l	91

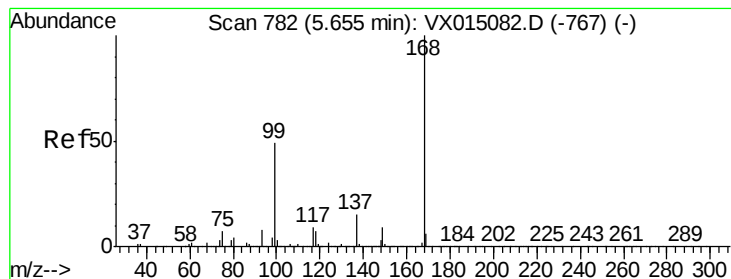
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QLast Update : Fri Mar 06 03:01:48 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	16857	2.699	ug/l	97
94) Hexachlorobutadiene	13.78	225	8697	2.713	ug/l	96
95) Naphthalene	13.83	128	37846	2.217	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	16098	2.583	ug/l	95

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX015103.D

Acq: 05 Mar 2020 11:56

Instrument :

MSVOA_X

ClientSampleId :

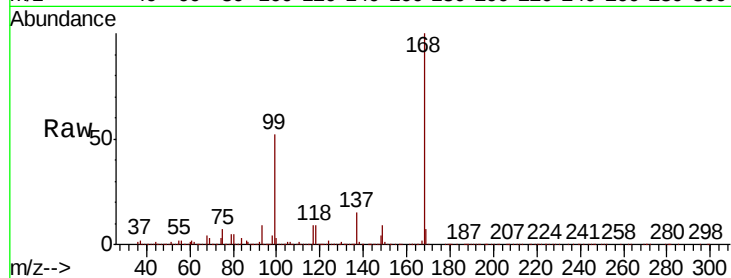
LOD-MDL-WATER-01-QT1-2020

Tot Ion:168 Resp: 412127

Ion Ratio Lower Upper

168 100

99 51.8 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

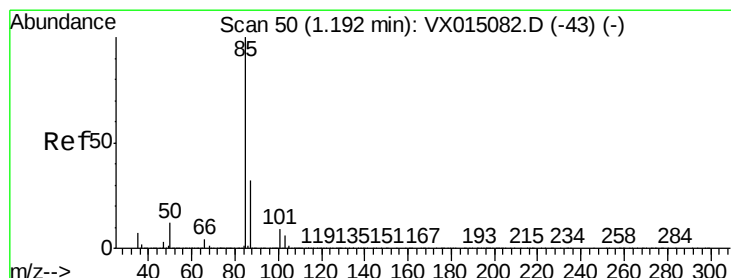
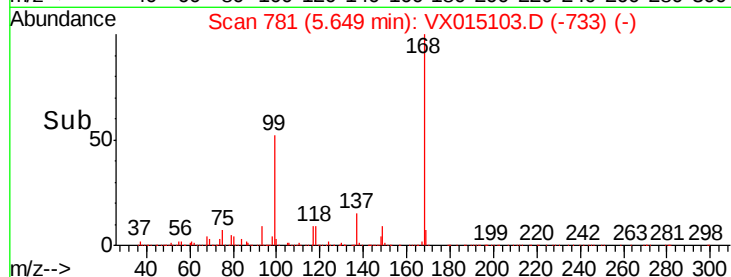
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 2.509 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX015103.D

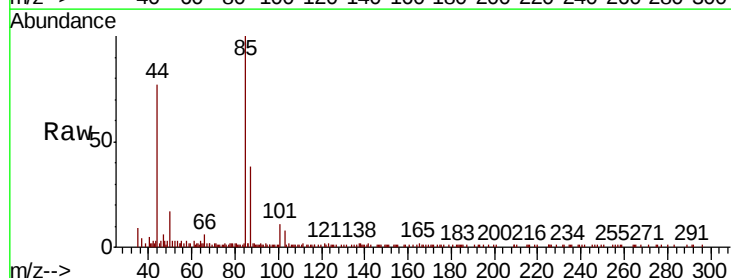
Acq: 05 Mar 2020 11:56

Tgt Ion: 85 Resp: 9054

Ion Ratio Lower Upper

85 100

87 37.1 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

10000

8000

6000

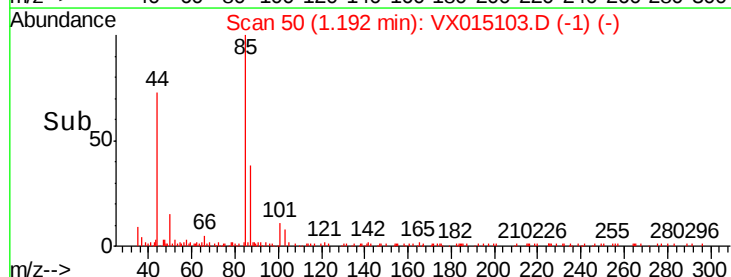
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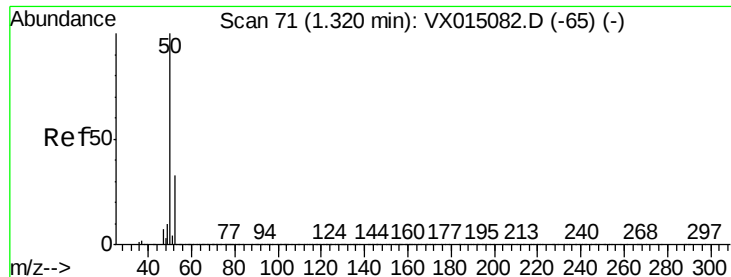
2000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 2.812 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX015103.D

Acq: 05 Mar 2020 11:56

Instrument :

MSVOA_X

ClientSampleId :

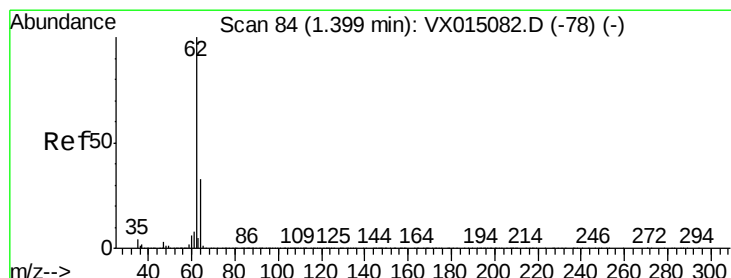
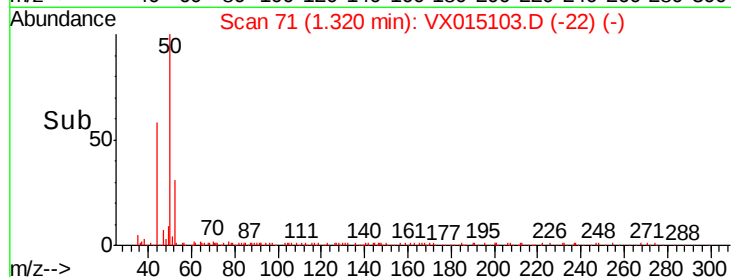
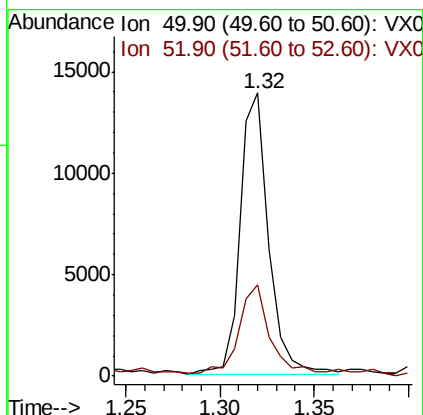
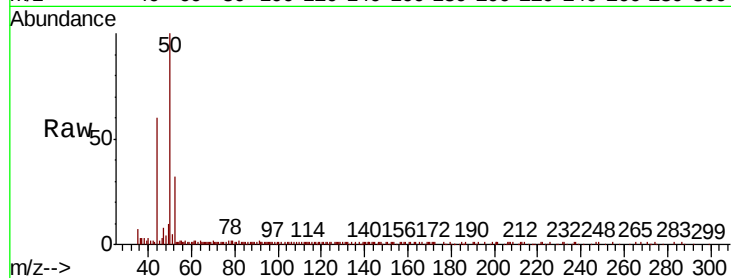
LOD-MDL-WATER-01-QT1-2020

Tot Ion: 50 Resp: 14376

Ion Ratio Lower Upper

50 100

52 31.9 26.2 39.2



#4

Vinyl Chloride

Concen: 2.777 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX015103.D

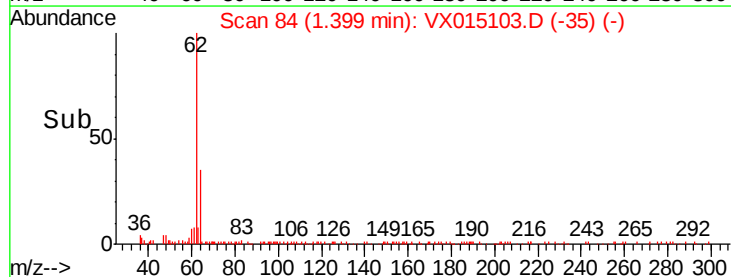
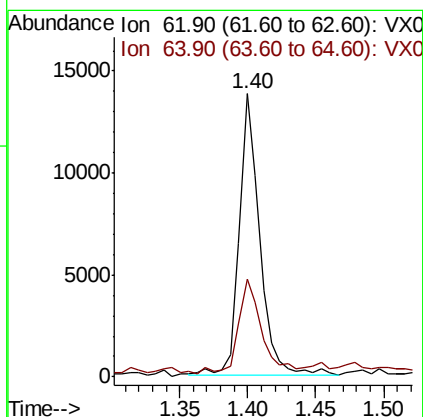
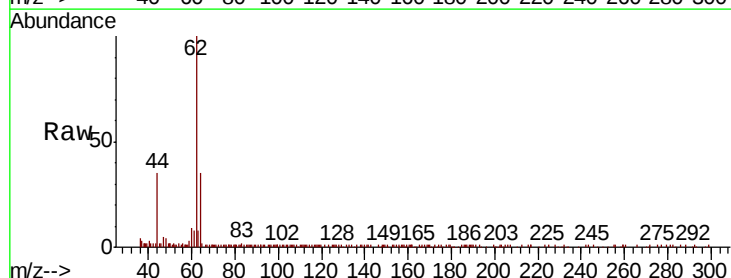
Acq: 05 Mar 2020 11:56

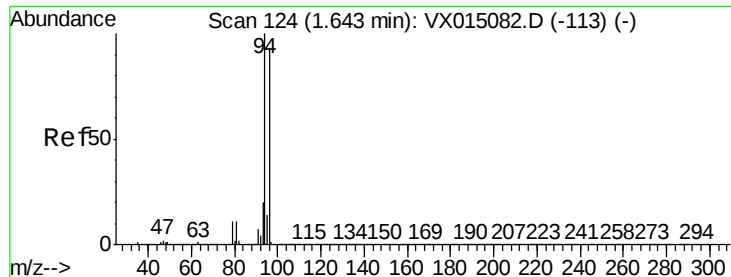
Tgt Ion: 62 Resp: 14393

Ion Ratio Lower Upper

62 100

64 33.0 26.1 39.1





#5

Bromomethane

Concen: 3.268 ug/l

RT: 1.64 min Scan# 124

Delta R.T. 0.00 min

Lab File: VX015103.D

Acq: 05 Mar 2020 11:56

Instrument :

MSVOA_X

ClientSampleId :

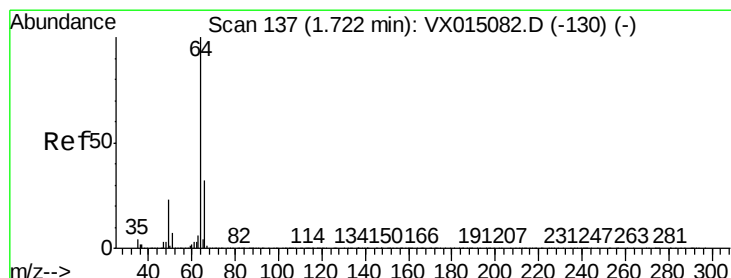
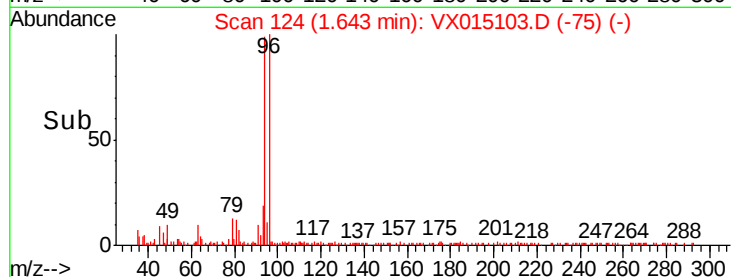
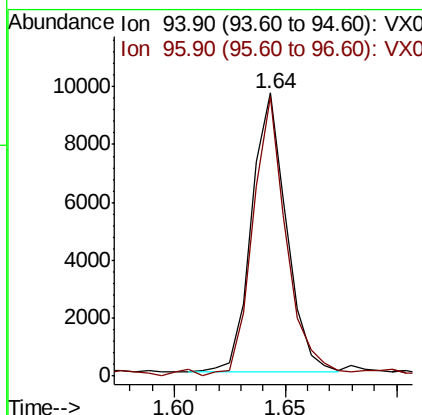
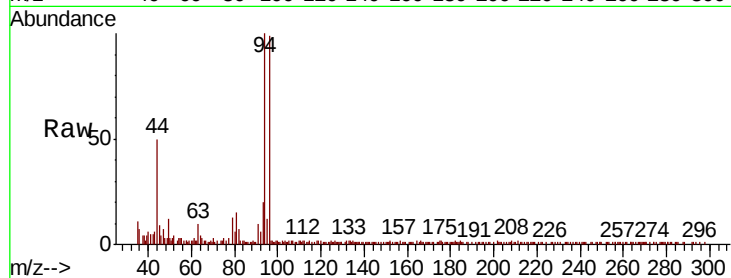
LOD-MDL-WATER-01-QT1-2020

Tot Ion: 94 Resp: 10415

Ion Ratio Lower Upper

94 100

96 98.5 74.6 111.8



#6

Chloroethane

Concen: 2.796 ug/l

RT: 1.72 min Scan# 137

Delta R.T. 0.00 min

Lab File: VX015103.D

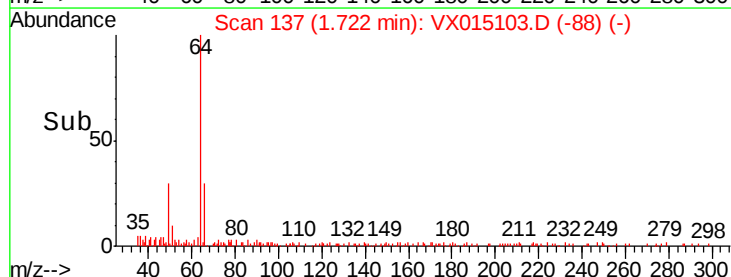
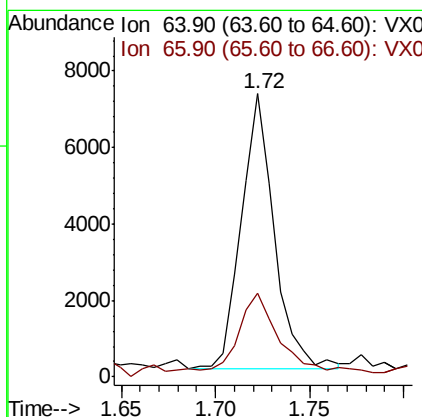
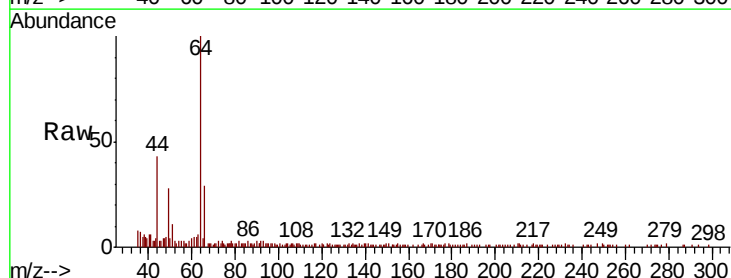
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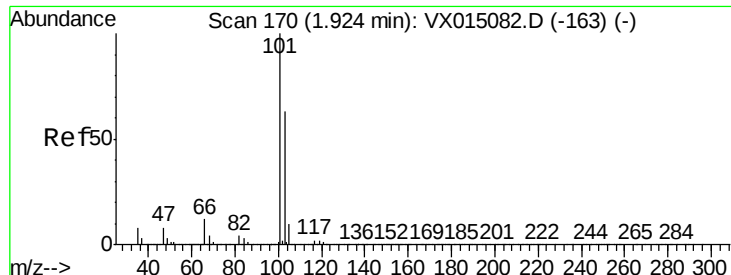
Tgt Ion: 64 Resp: 8693

Ion Ratio Lower Upper

64 100

66 27.4 25.8 38.8



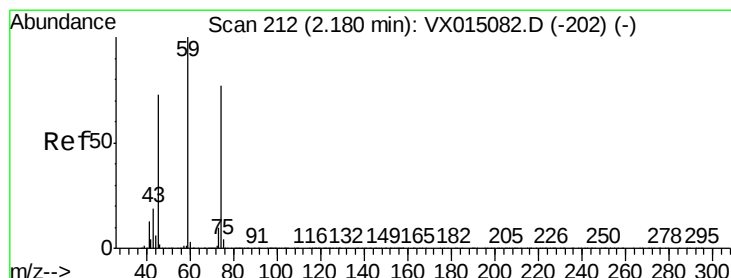
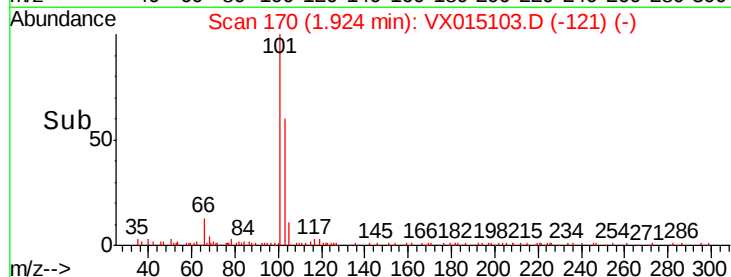
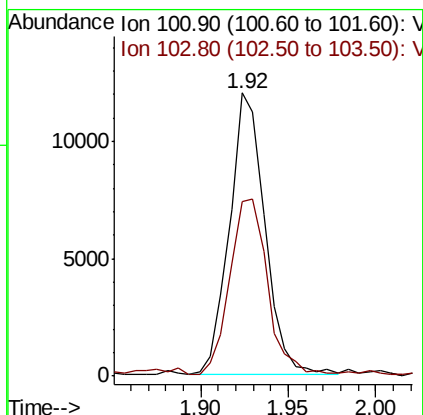
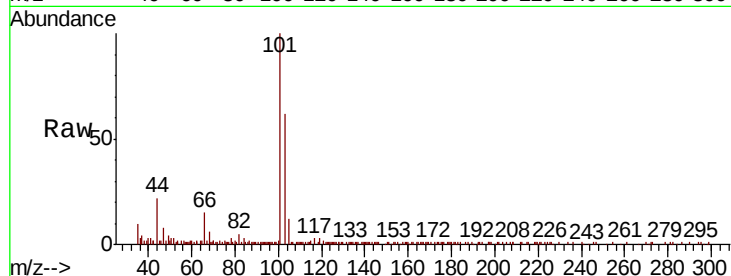


#7

Trichlorofluoromethane
Concen: 2.748 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX015103.D
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LOD-MDL-WATER-01-QT1-2020

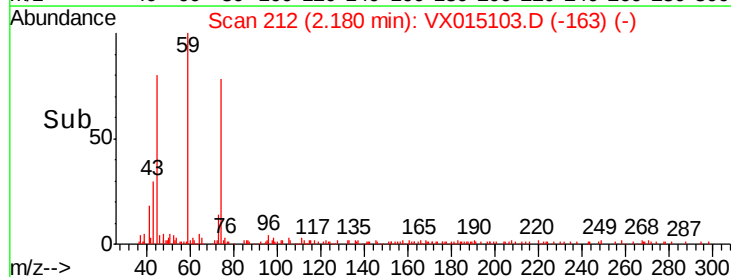
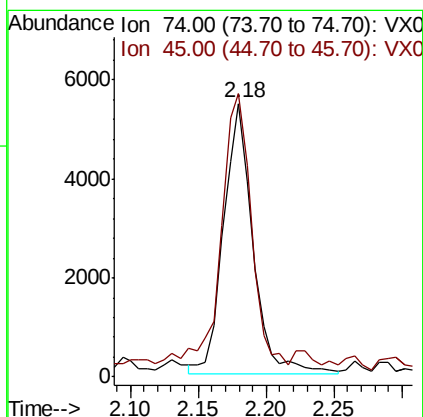
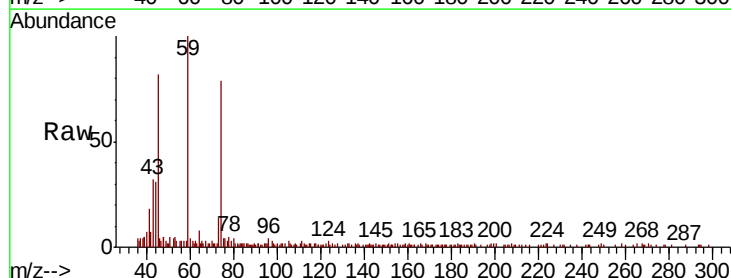
Tot Ion:101 Resp: 16952
Ion Ratio Lower Upper
101 100
103 61.3 50.4 75.6

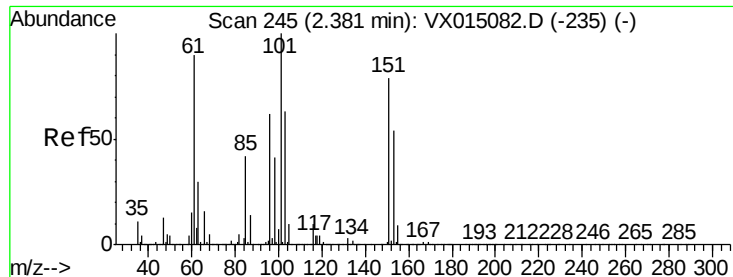


#8

Diethyl Ether
Concen: 2.927 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX015103.D
Acq: 05 Mar 2020 11:56

Tgt Ion: 74 Resp: 8178
Ion Ratio Lower Upper
74 100
45 101.8 49.2 147.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 2.983 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX015103.D

Acq: 05 Mar 2020 11:56

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

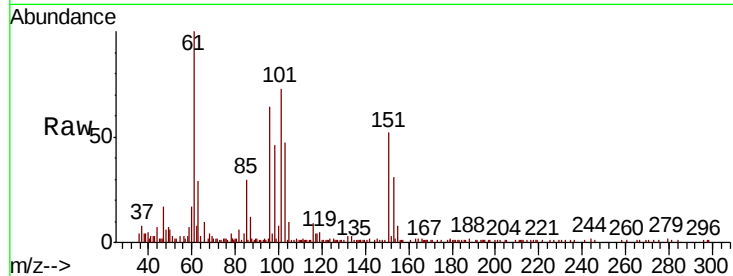
Tot Ion:101 Resp: 11574

Ion Ratio Lower Upper

101 100

85 44.7 33.7 50.5

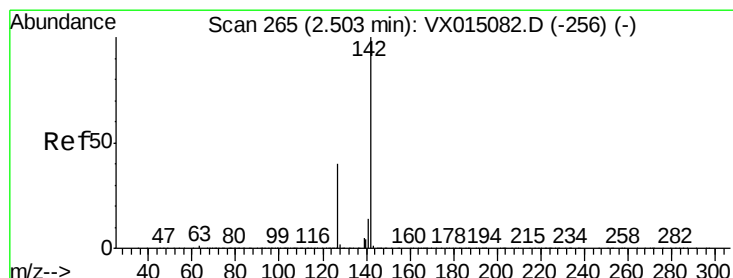
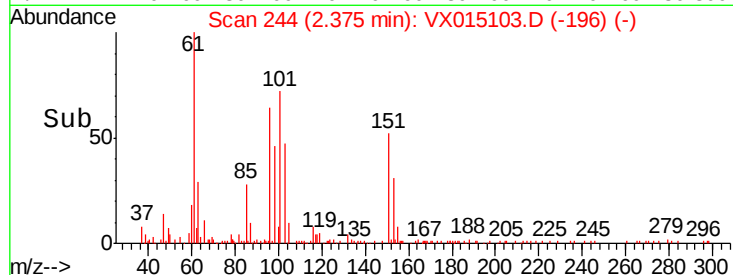
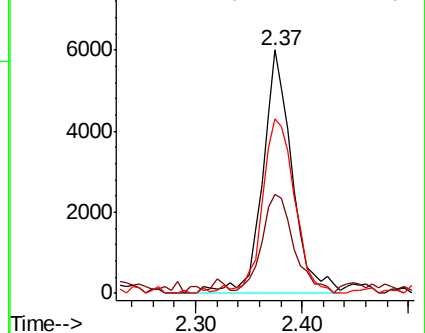
151 79.9 64.0 96.0



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: 1.819 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX015103.D

Acq: 05 Mar 2020 11:56

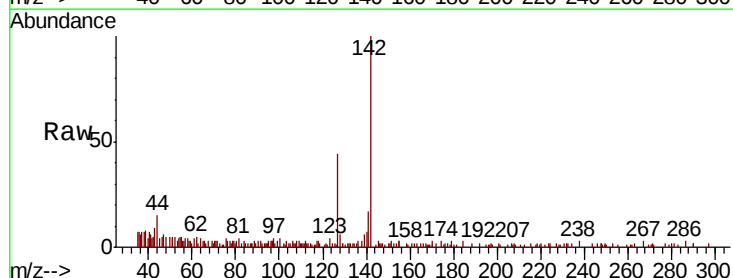
Tgt Ion:142 Resp: 7975

Ion Ratio Lower Upper

142 100

127 47.4 31.7 47.5

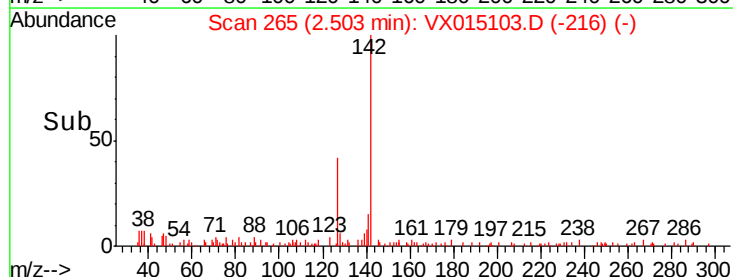
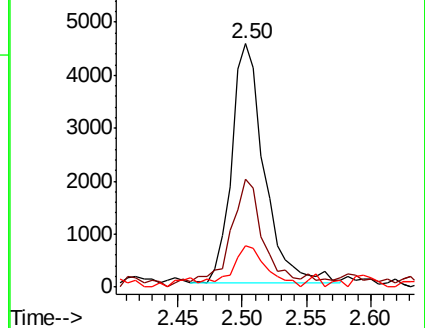
141 18.4 11.3 16.9#

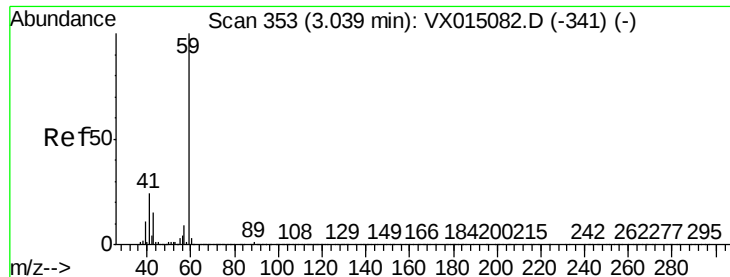


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

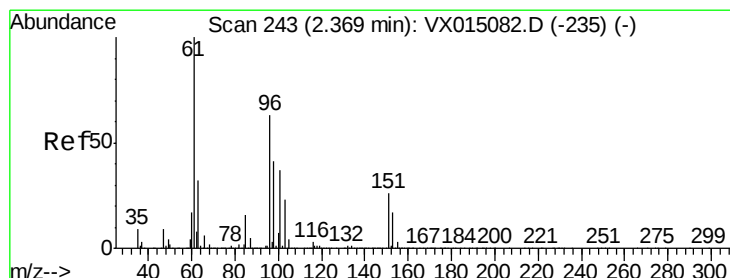
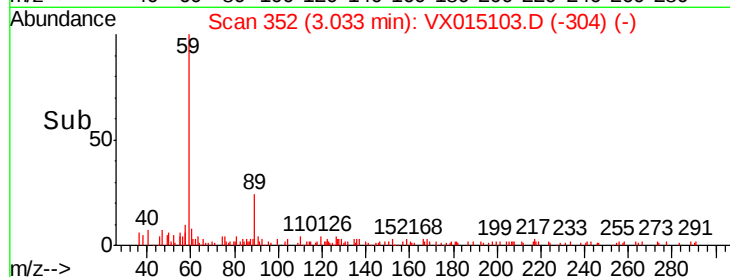
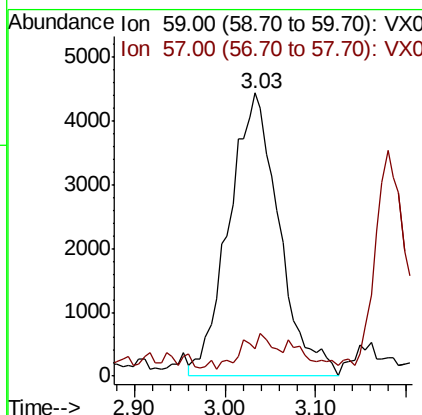
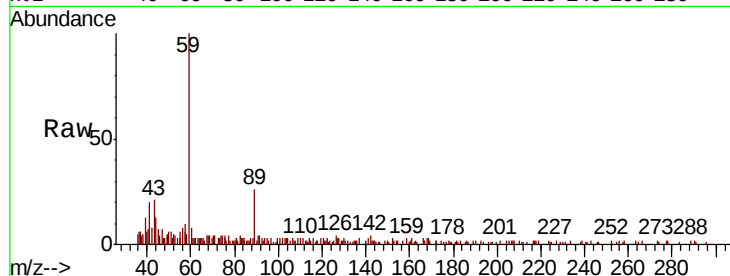




#11
Tert butyl alcohol
Concen: 20.055 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX015103.D
Acq: 05 Mar 2020 11:56

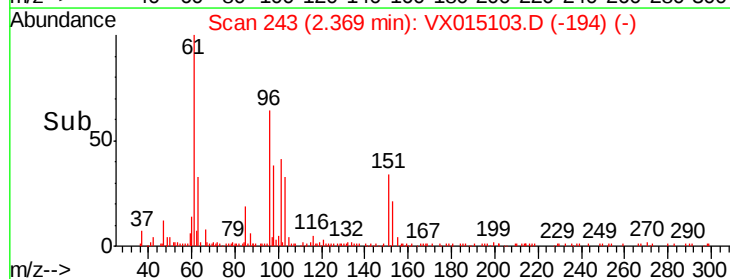
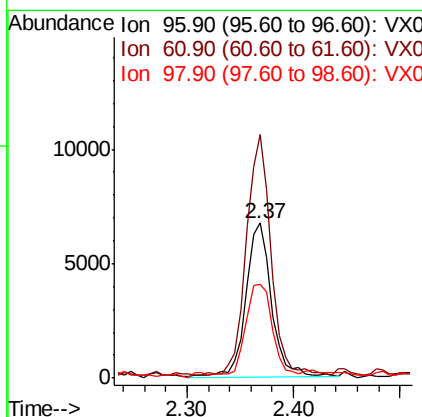
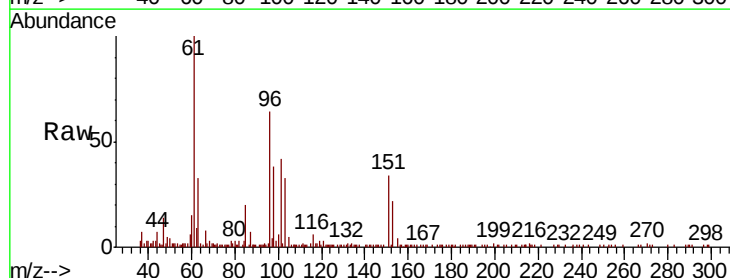
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

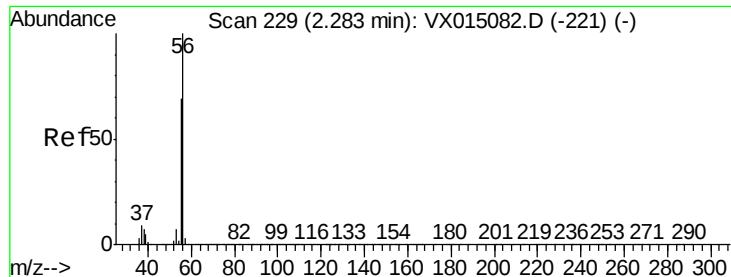
Tot Ion: 59 Resp: 17013
Ion Ratio Lower Upper
59 100
57 8.3 8.2 12.4



#12
1,1-Dichloroethene
Concen: 2.860 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.00 min
Lab File: VX015103.D
Acq: 05 Mar 2020 11:56

Tgt Ion: 96 Resp: 11456
Ion Ratio Lower Upper
96 100
61 155.8 126.2 189.4
98 60.7 51.4 77.0





#13

Acrolein

Concen: 12.788 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX015103.D

Acq: 05 Mar 2020 11:56

Instrument :

MSVOA_X

ClientSampleId :

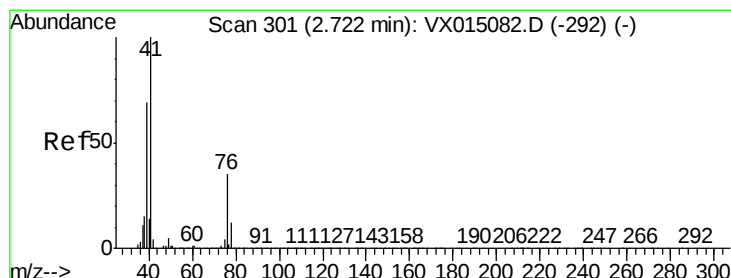
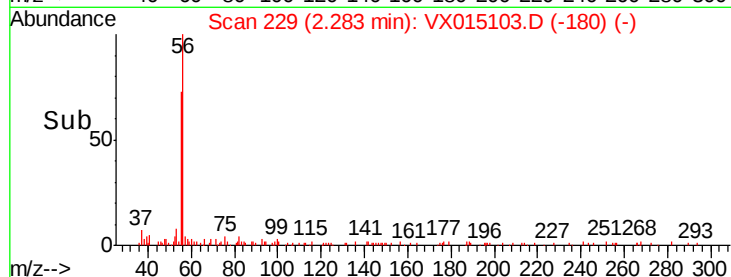
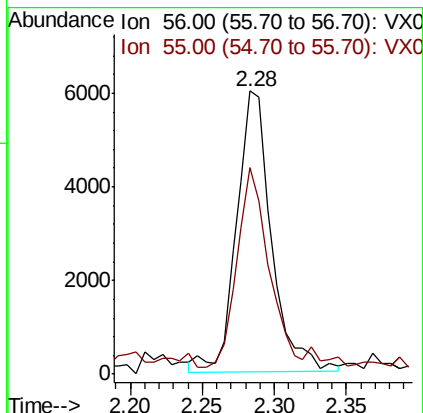
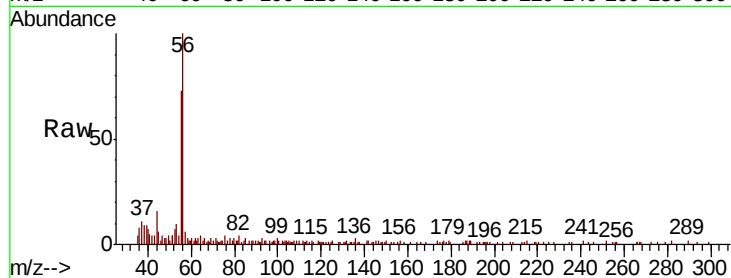
LOD-MDL-WATER-01-QT1-2020

Tot Ion: 56 Resp: 10195

Ion Ratio Lower Upper

56 100

55 64.2 55.4 83.0



#14

Allyl chloride

Concen: 2.374 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.01 min

Lab File: VX015103.D

Acq: 05 Mar 2020 11:56

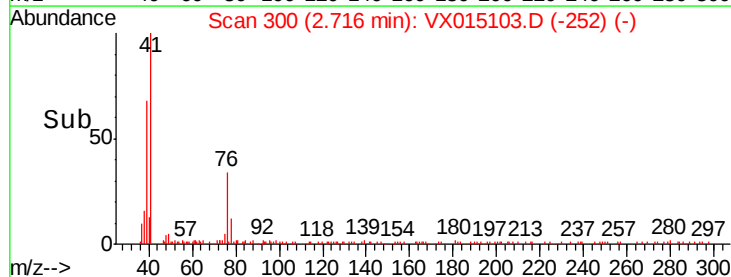
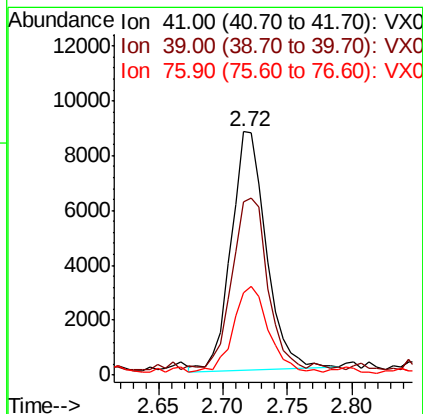
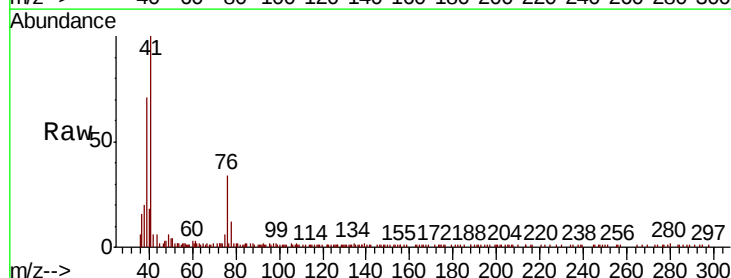
Tgt Ion: 41 Resp: 16578

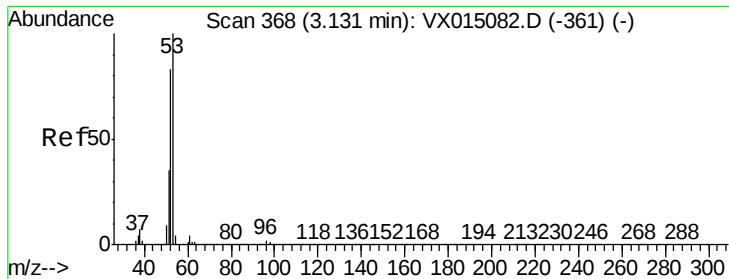
Ion Ratio Lower Upper

41 100

39 71.3 52.9 79.3

76 34.8 26.8 40.2





#15

Acrylonitrile

Concen: 11.612 ug/l

RT: 3.14 min Scan# 369

Delta R.T. 0.01 min

Lab File: VX015103.D

Acq: 05 Mar 2020 11:56

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

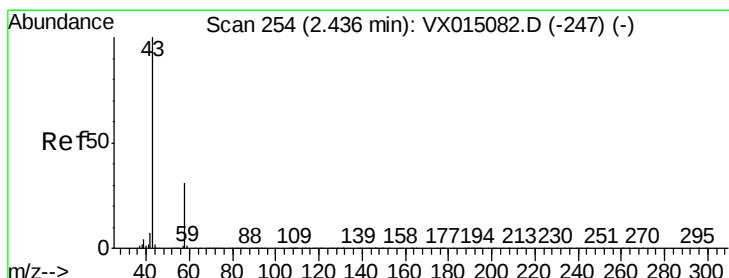
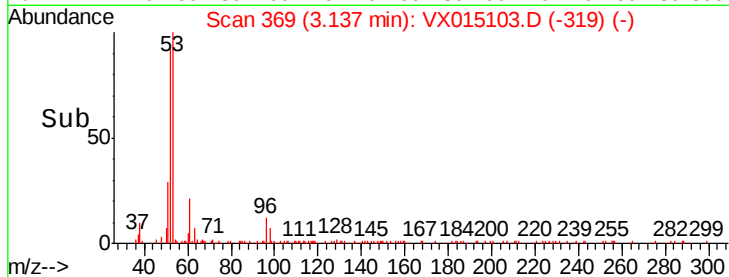
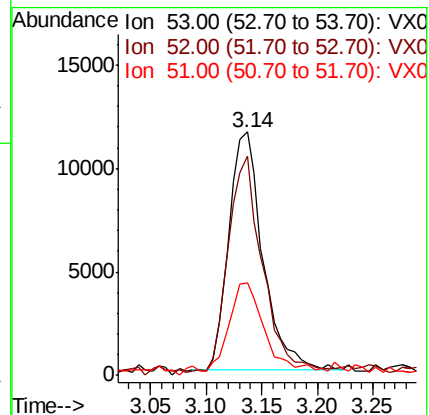
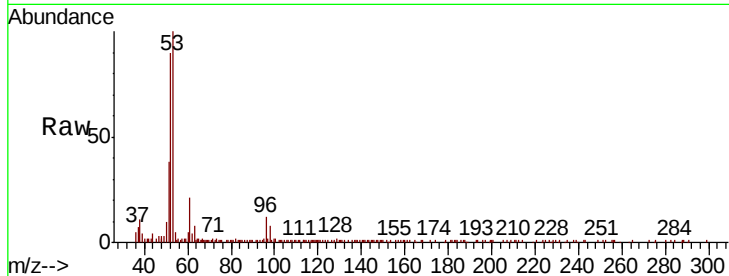
Tot Ion: 53 Resp: 24531

Ion Ratio Lower Upper

53 100

52 90.7 66.6 100.0

51 38.3 29.0 43.6



#16

Acetone

Concen: 13.883 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.00 min

Lab File: VX015103.D

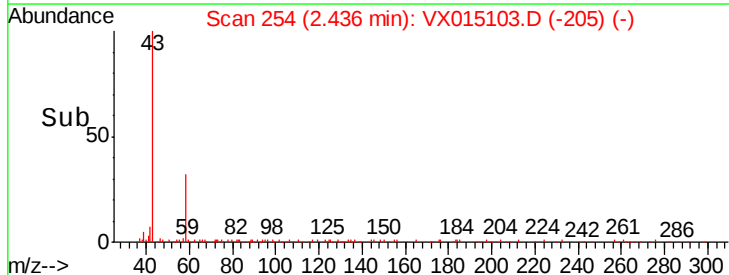
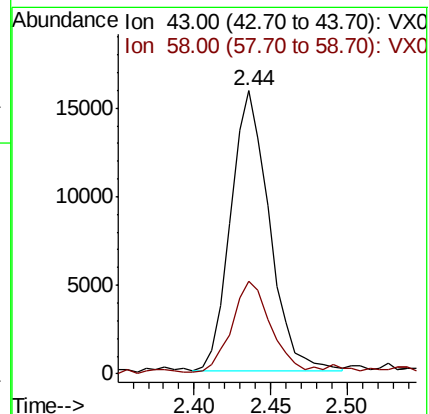
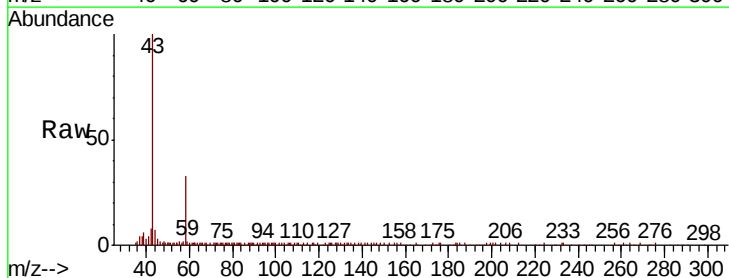
Acq: 05 Mar 2020 11:56

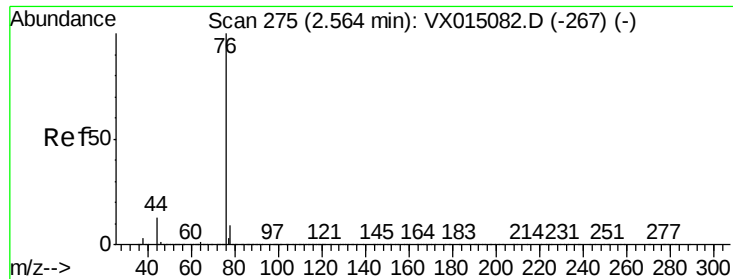
Tgt Ion: 43 Resp: 27489

Ion Ratio Lower Upper

43 100

58 32.2 24.8 37.2





#17

Carbon Disulfide

Concen: 2.578 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.00 min

Lab File: VX015103.D

Acq: 05 Mar 2020 11:56

Instrument :

MSVOA_X

ClientSampleId :

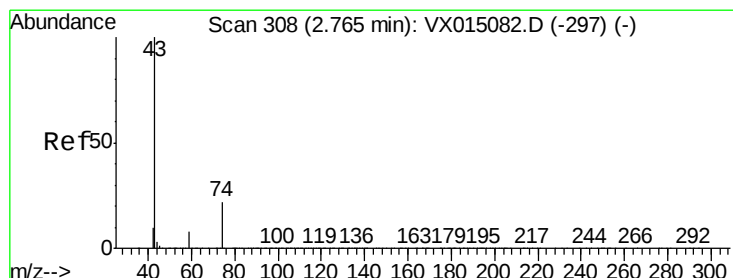
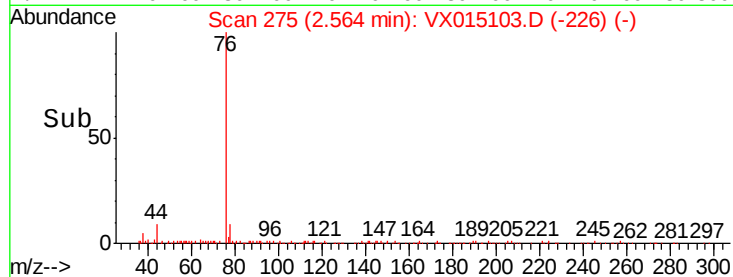
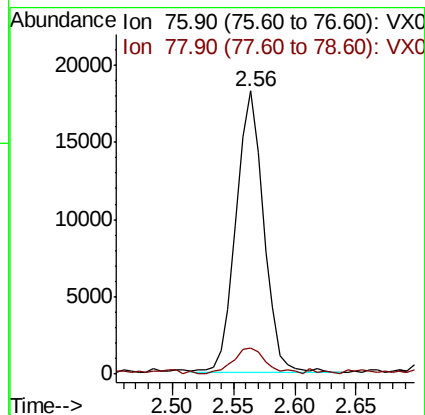
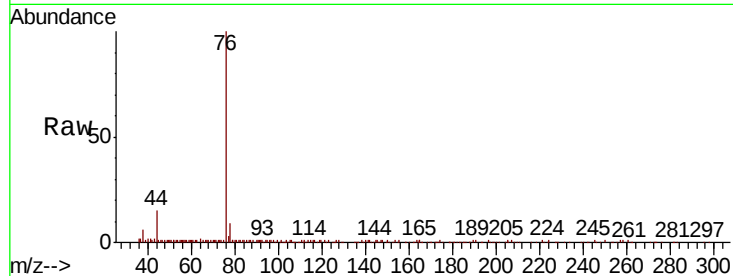
LOD-MDL-WATER-01-QT1-2020

Tot Ion: 76 Resp: 28673

Ion Ratio Lower Upper

76 100

78 9.2 7.3 10.9



#18

Methyl Acetate

Concen: 2.726 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.00 min

Lab File: VX015103.D

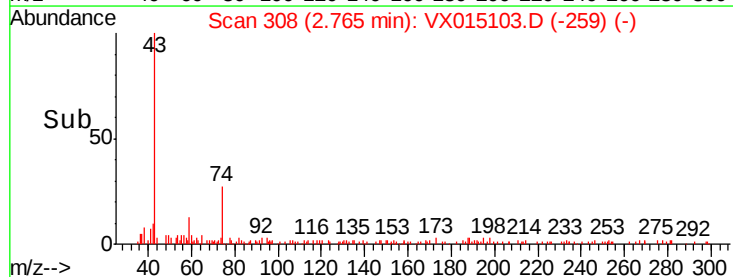
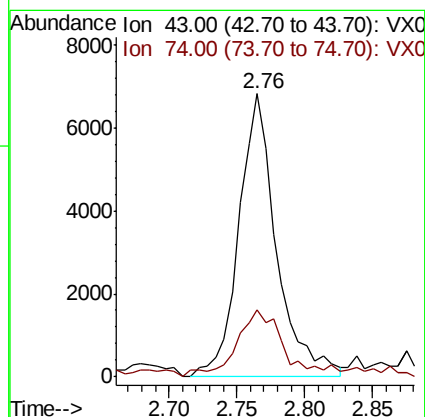
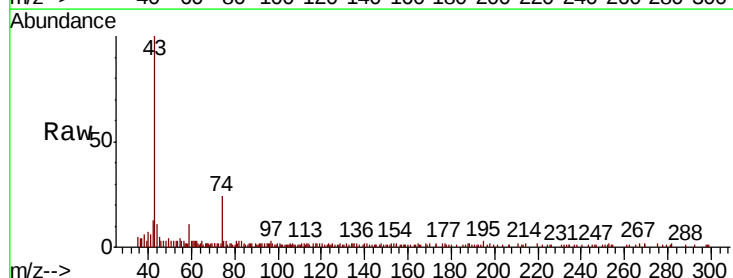
Acq: 05 Mar 2020 11:56

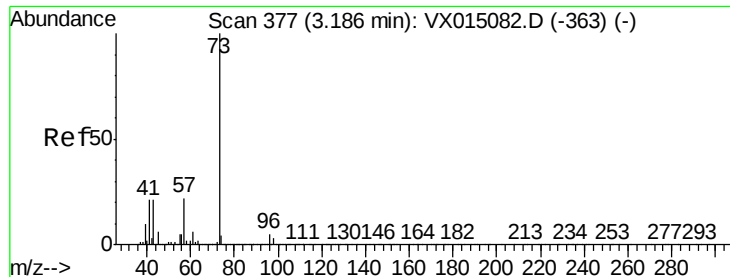
Tgt Ion: 43 Resp: 13198

Ion Ratio Lower Upper

43 100

74 28.6 18.8 28.2#



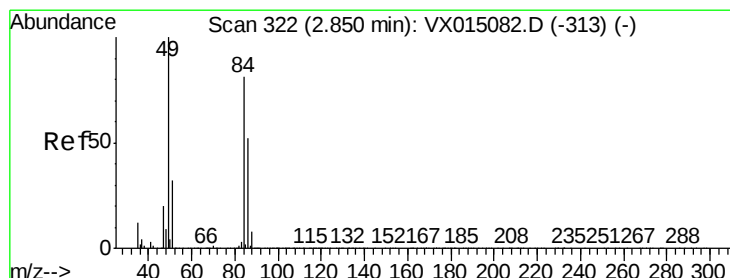
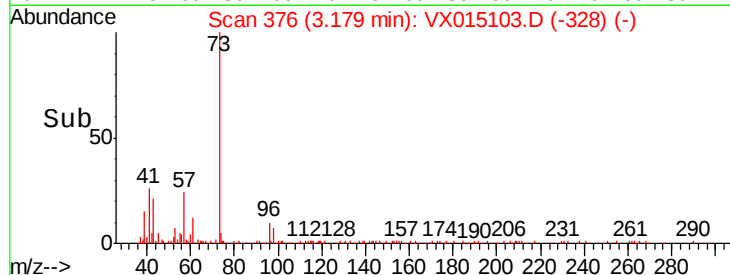
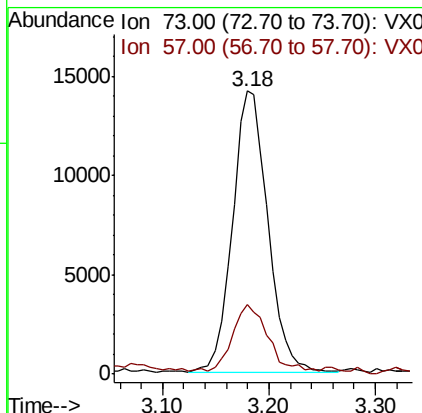
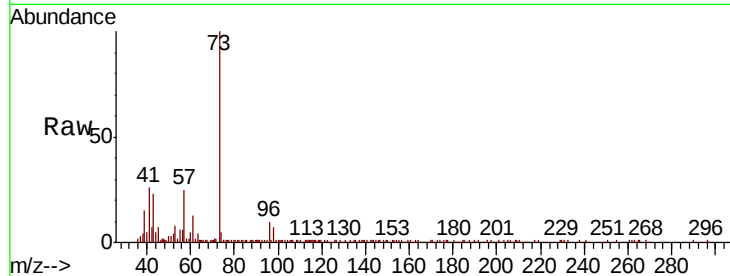


#19

Methyl tert-butyl Ether
 Concen: 2.630 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. -0.01 min
 Lab File: VX015103.D
 Acq: 05 Mar 2020 11:56

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

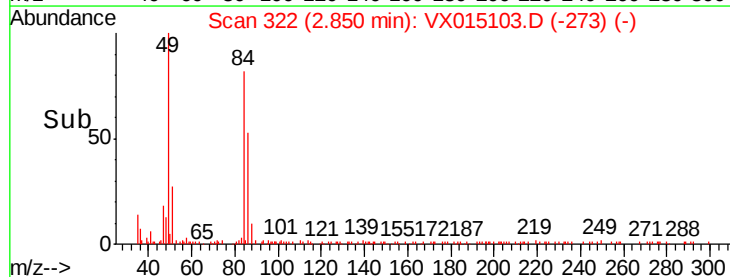
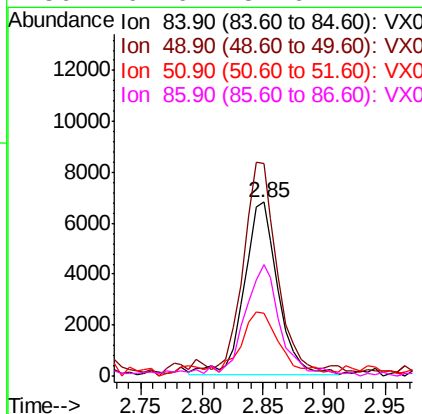
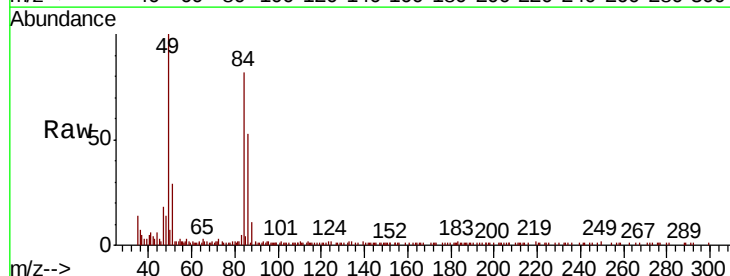
Tot Ion: 73 Resp: 32909
 Ion Ratio Lower Upper
 73 100
 57 23.8 17.8 26.6

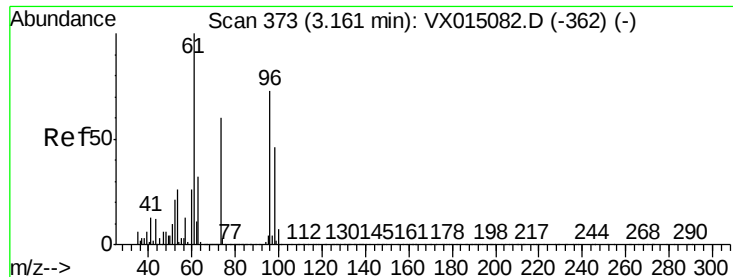


#20

Methylene Chloride
 Concen: 2.775 ug/l
 RT: 2.85 min Scan# 322
 Delta R.T. 0.00 min
 Lab File: VX015103.D
 Acq: 05 Mar 2020 11:56

Tgt Ion: 84 Resp: 12860
 Ion Ratio Lower Upper
 84 100
 49 119.3 99.4 149.2
 51 31.2 31.5 47.3#
 86 62.6 51.6 77.4





#21

trans-1,2-Dichloroethene

Concen: 2.840 ug/l

RT: 3.16 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX015103.D

Acq: 05 Mar 2020 11:56

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

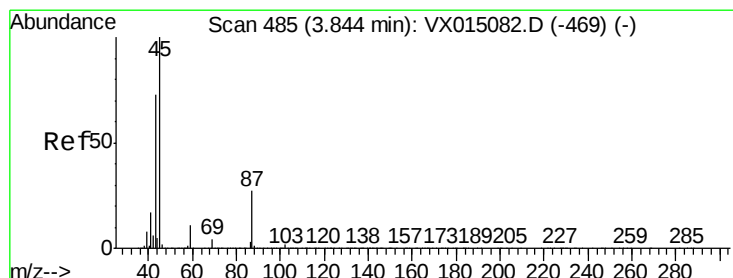
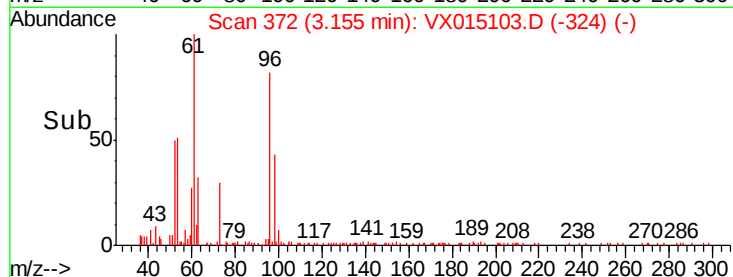
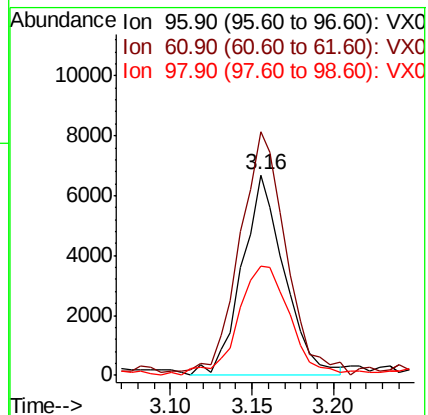
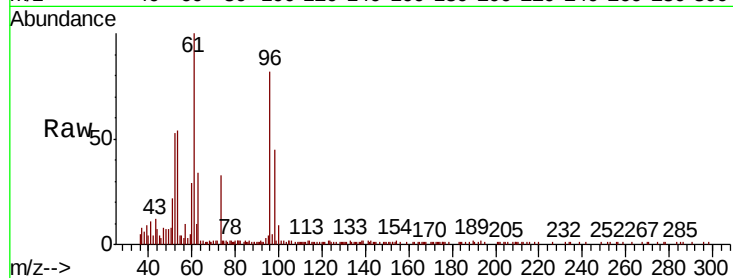
Tot Ion: 96 Resp: 12144

Ion Ratio Lower Upper

96 100

61 118.5 109.9 164.9

98 51.0 50.2 75.2



#22

Diisopropyl ether

Concen: 2.718 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX015103.D

Acq: 05 Mar 2020 11:56

Tgt Ion: 45 Resp: 37822

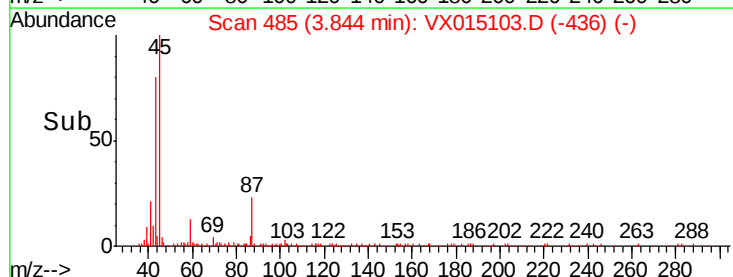
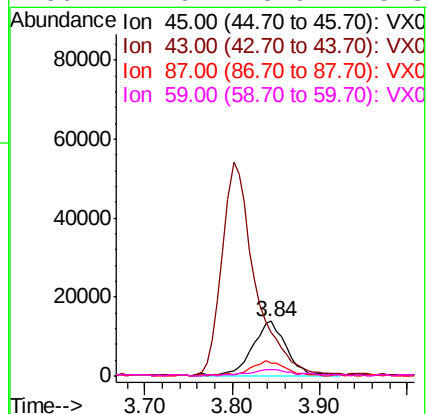
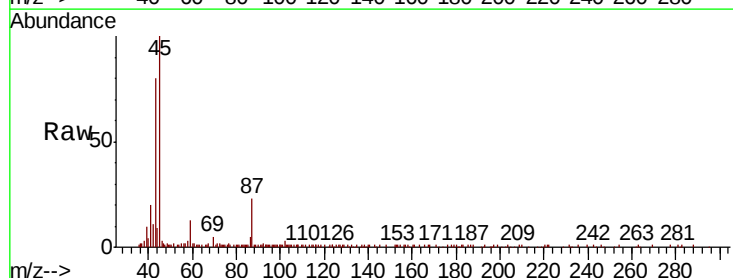
Ion Ratio Lower Upper

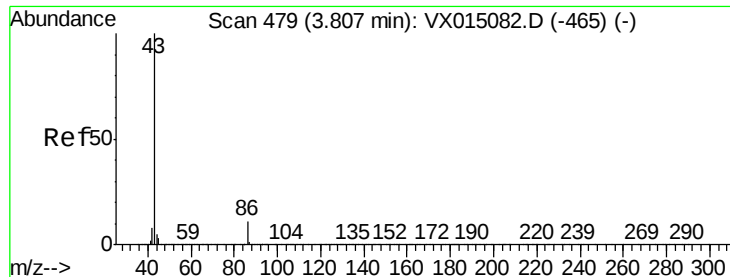
45 100

43 79.6 58.2 87.2

87 22.0 21.2 31.8

59 12.6 8.9 13.3





#23

Vinyl Acetate

Concen: 12.587 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX015103.D

Acq: 05 Mar 2020 11:56

Instrument :

MSVOA_X

ClientSampleId :

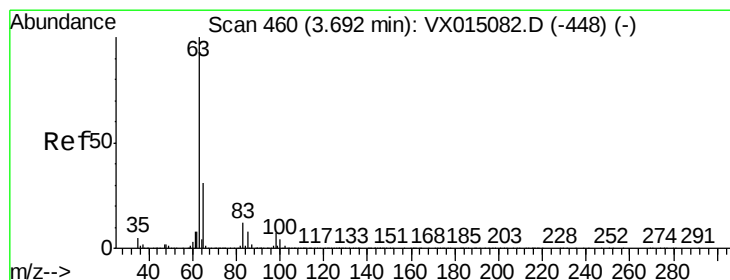
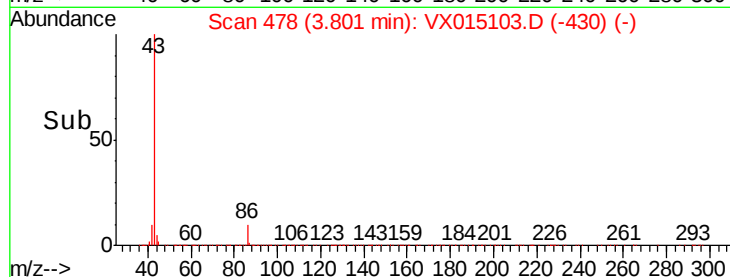
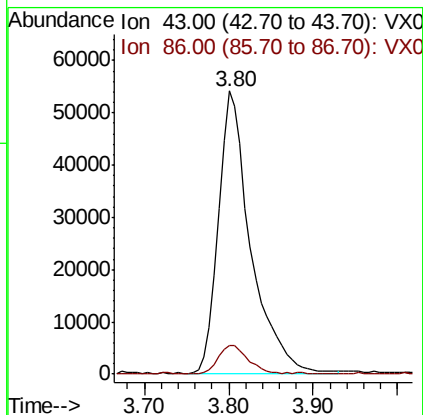
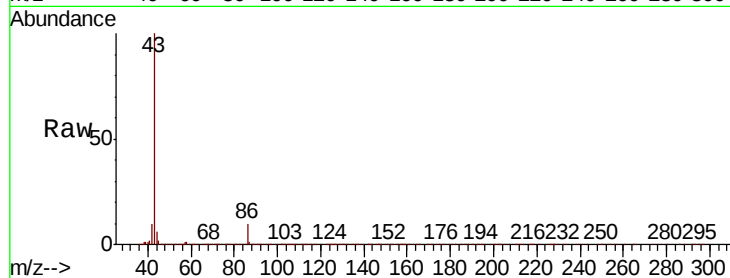
LOD-MDL-WATER-01-QT1-2020

Tot Ion: 43 Resp: 143953

Ion Ratio Lower Upper

43 100

86 9.9 8.6 12.8



#24

1,1-Dichloroethane

Concen: 2.631 ug/l

RT: 3.69 min Scan# 460

Delta R.T. 0.00 min

Lab File: VX015103.D

Acq: 05 Mar 2020 11:56

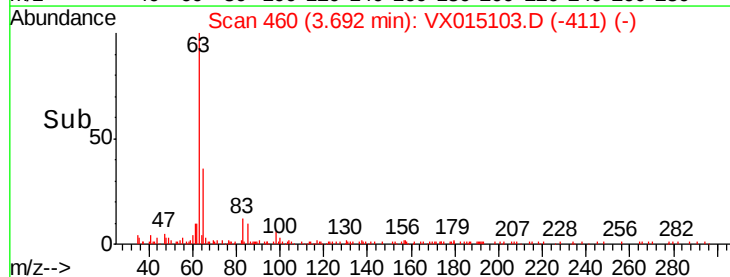
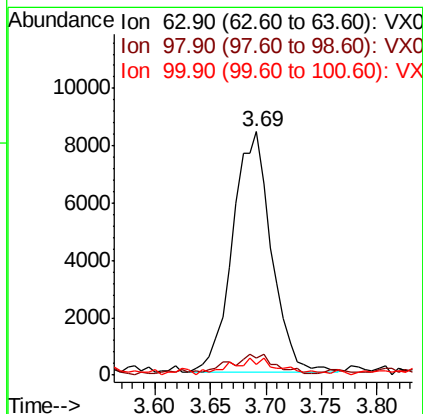
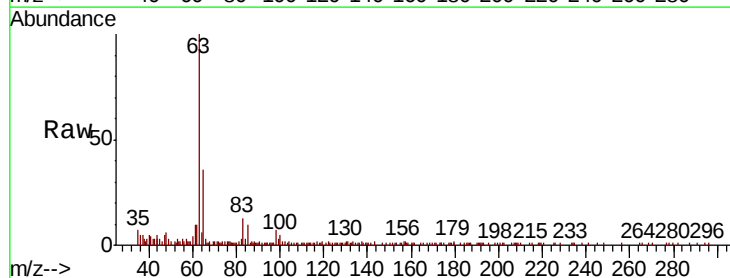
Tgt Ion: 63 Resp: 20314

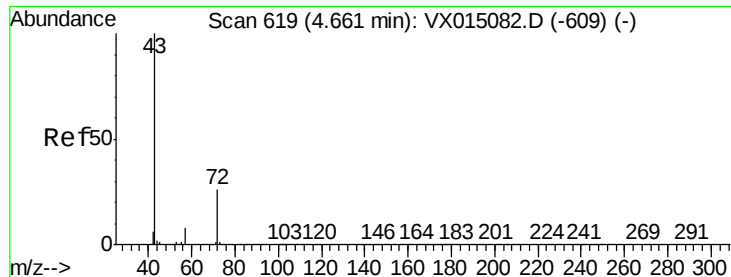
Ion Ratio Lower Upper

63 100

98 5.0 3.7 11.1

100 2.4 2.1 6.5





#25

2-Butanone

Concen: 11.965 ug/l

RT: 4.67 min Scan# 621

Delta R.T. 0.01 min

Lab File: VX015103.D

Acq: 05 Mar 2020 11:56

Instrument :

MSVOA_X

ClientSampleId :

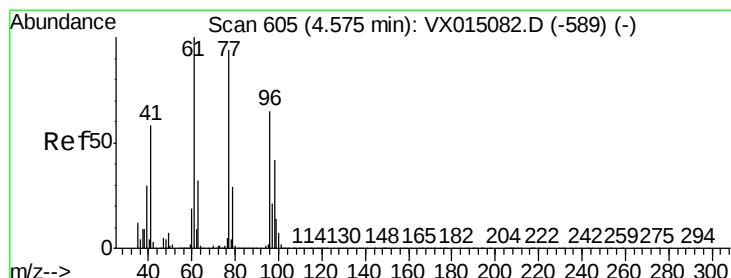
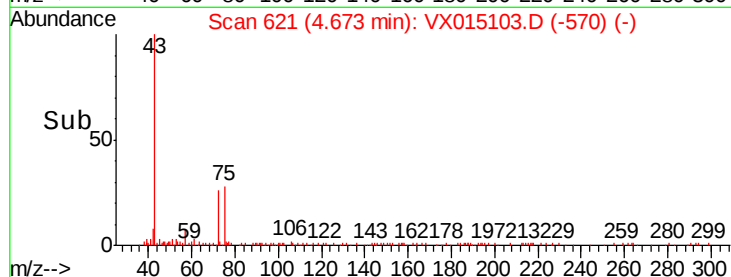
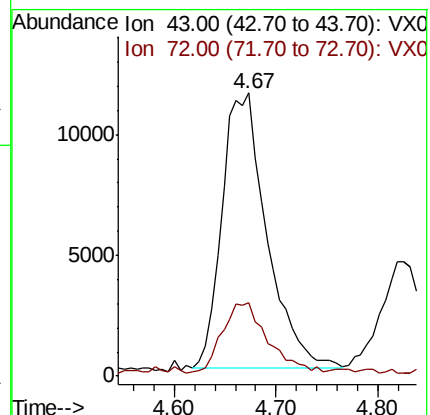
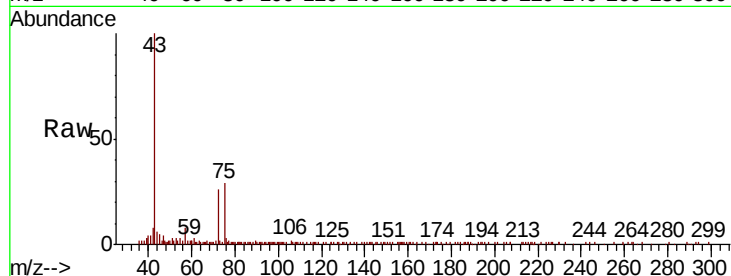
LOD-MDL-WATER-01-QT1-2020

Tot Ion: 43 Resp: 34684

Ion Ratio Lower Upper

43 100

72 24.9 20.6 30.8



#26

2,2-Dichloropropane

Concen: 2.816 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX015103.D

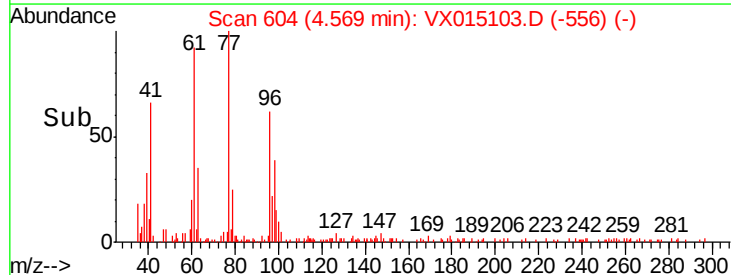
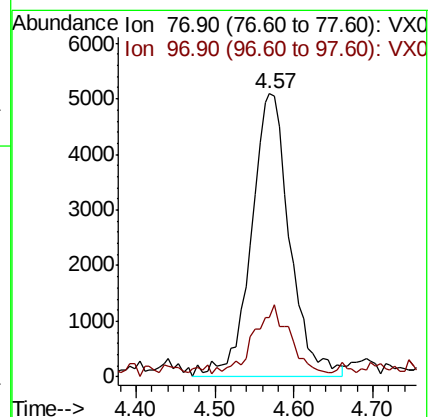
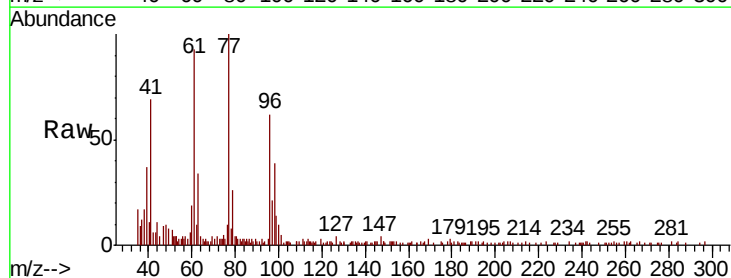
Acq: 05 Mar 2020 11:56

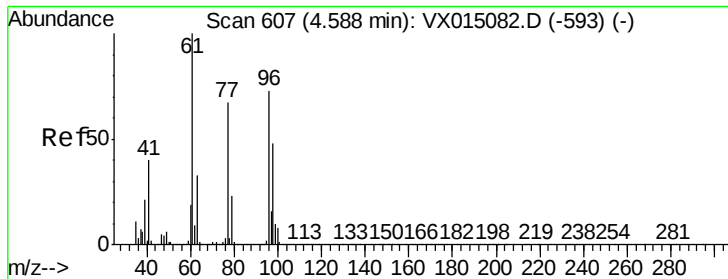
Tgt Ion: 77 Resp: 17260

Ion Ratio Lower Upper

77 100

97 22.8 11.8 35.4



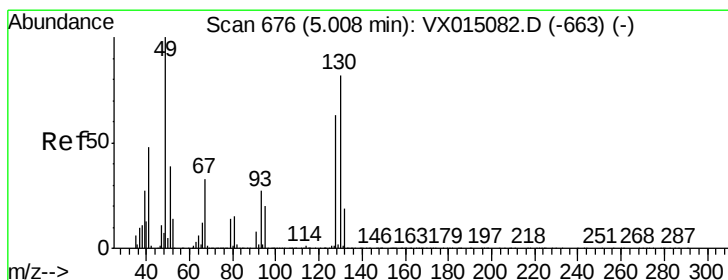
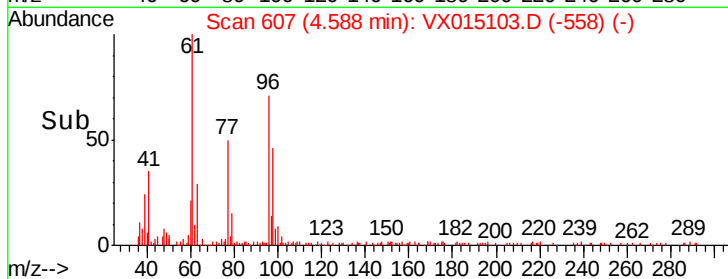
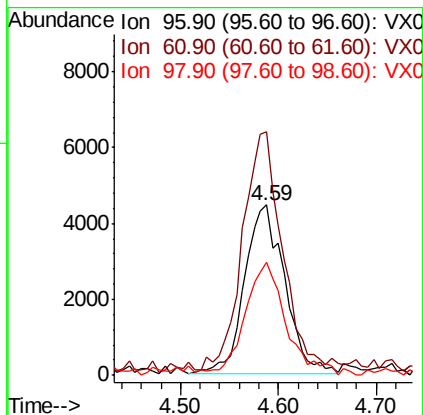
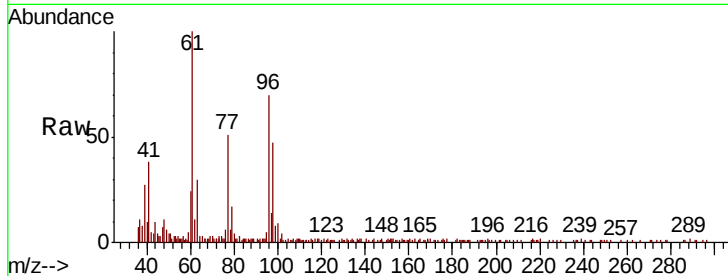


#27

cis-1,2-Dichloroethene
Concen: 2.614 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX015103.D
Acq: 05 Mar 2020 11:56

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

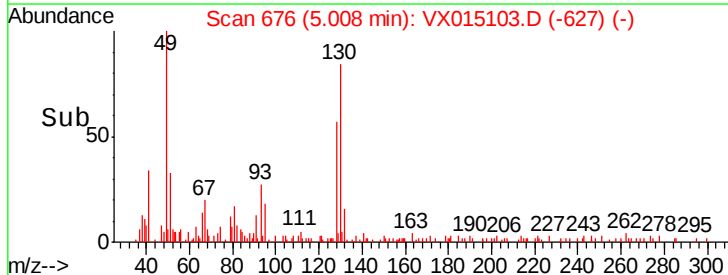
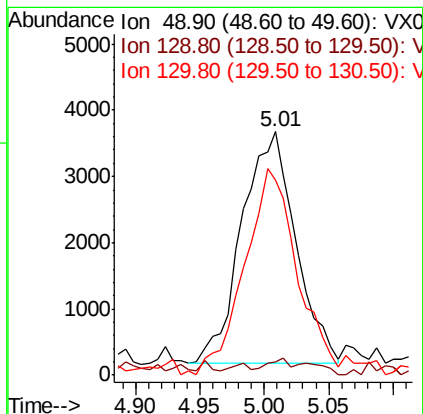
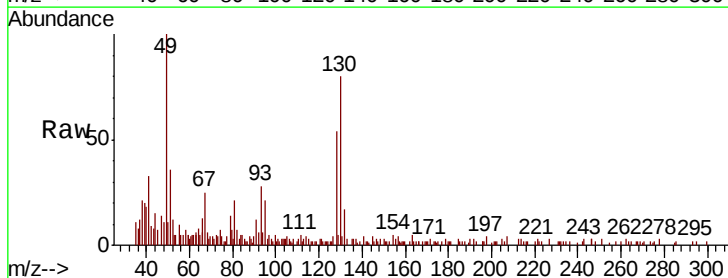
Tot Ion	Ratio	Lower	Upper
96	100		
61	140.9	0.0	286.8
98	69.6	0.0	128.4

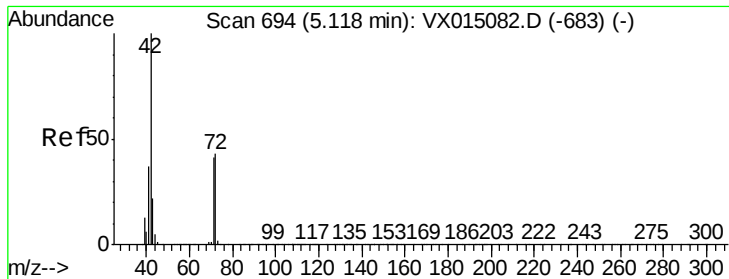


#28

Bromochloromethane
Concen: 2.900 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.00 min
Lab File: VX015103.D
Acq: 05 Mar 2020 11:56

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.4
130	86.6	65.0	97.6

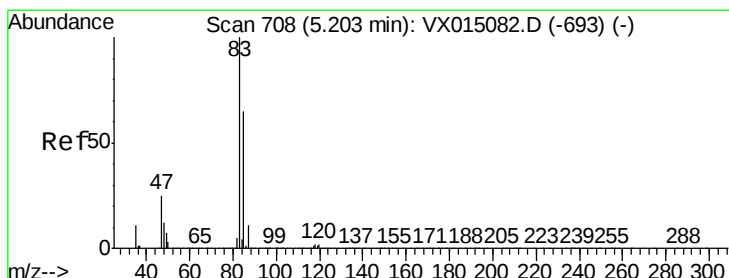
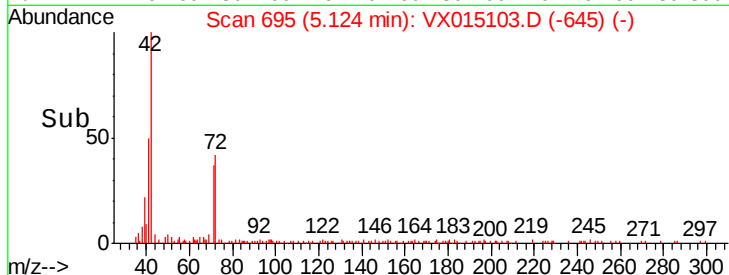
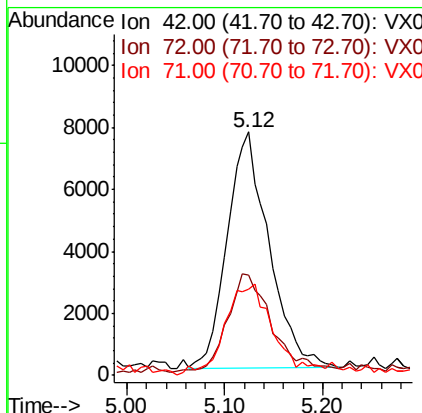
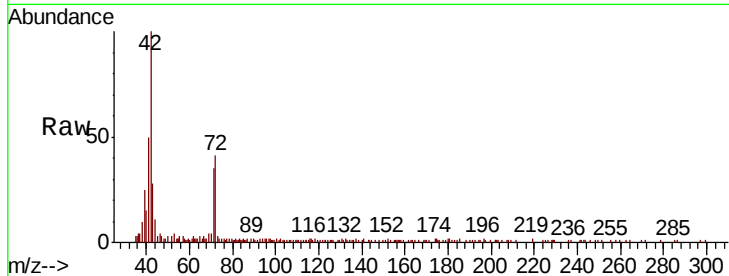




#29
Tetrahydrofuran
Concen: 12.075 ug/l
RT: 5.12 min Scan# 695
Delta R.T. 0.01 min
Lab File: VX015103.D
Acq: 05 Mar 2020 11:56

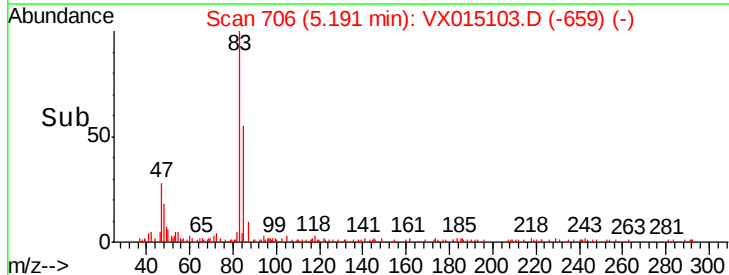
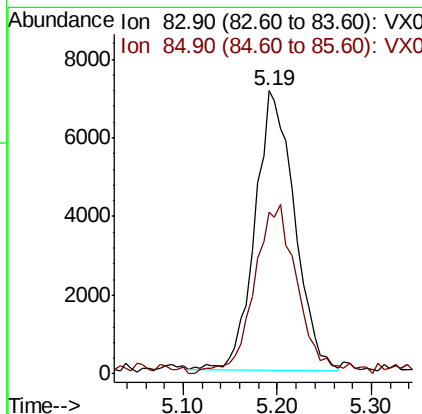
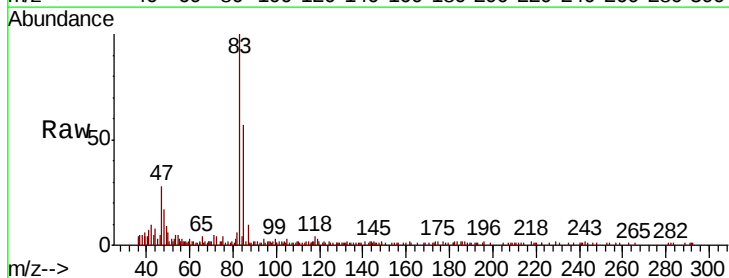
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

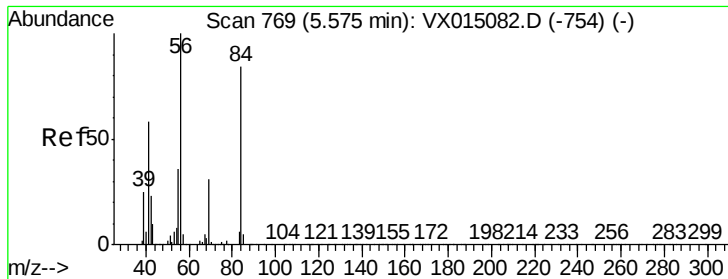
Tot Ion: 42 Resp: 22564
Ion Ratio Lower Upper
42 100
72 44.6 36.4 54.6
71 44.9 33.3 49.9



#30
Chloroform
Concen: 2.766 ug/l
RT: 5.19 min Scan# 706
Delta R.T. -0.01 min
Lab File: VX015103.D
Acq: 05 Mar 2020 11:56

Tgt Ion: 83 Resp: 20814
Ion Ratio Lower Upper
83 100
85 58.3 52.0 78.0

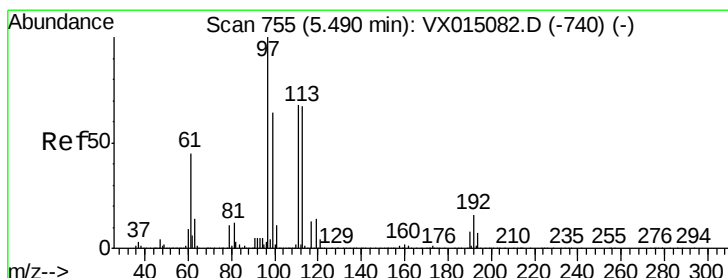
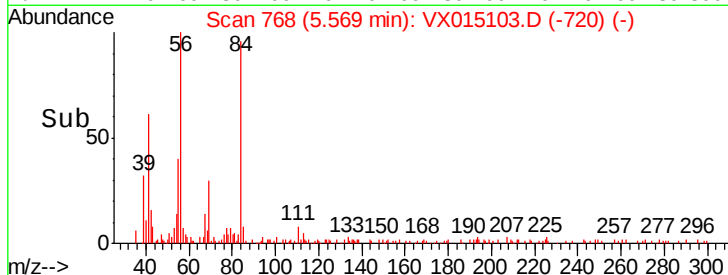
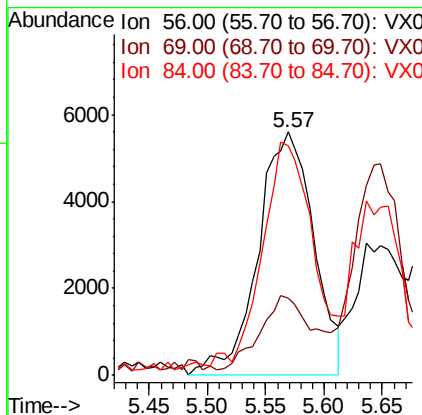
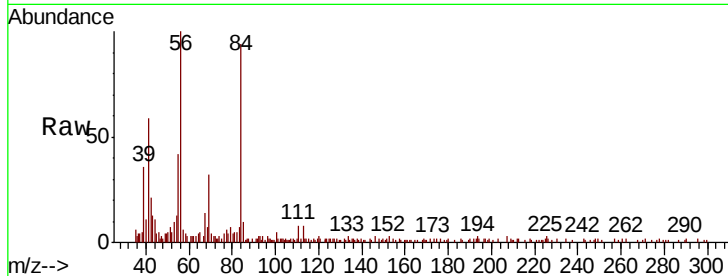




#31
Cyclohexane
Concen: 2.698 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.01 min
Lab File: VX015103.D
Acq: 05 Mar 2020 11:56

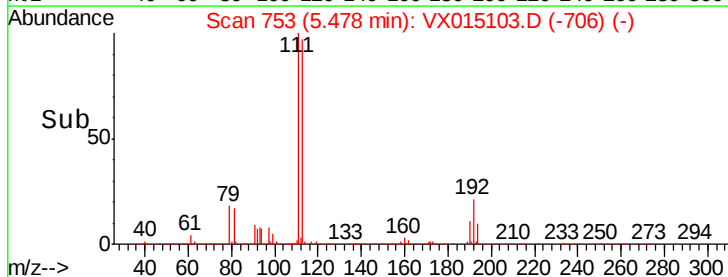
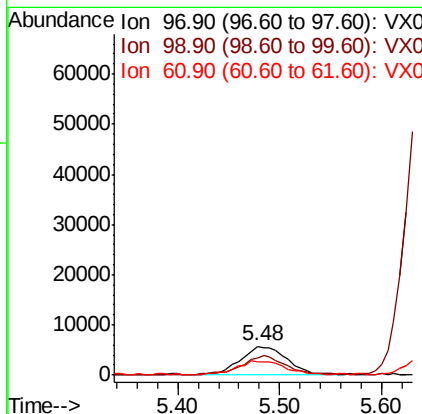
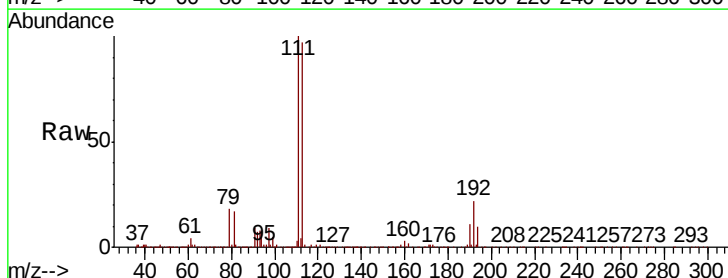
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

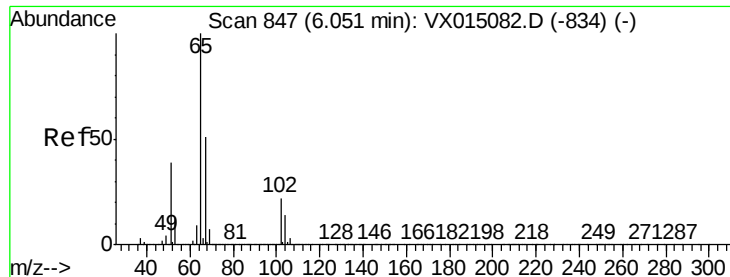
Tot Ion: 56 Resp: 18585
Ion Ratio Lower Upper
56 100
69 26.3 25.0 37.6
84 93.2 67.6 101.4



#32
1,1,1-Trichloroethane
Concen: 2.775 ug/l
RT: 5.48 min Scan# 753
Delta R.T. -0.01 min
Lab File: VX015103.D
Acq: 05 Mar 2020 11:56

Tgt Ion: 97 Resp: 17312
Ion Ratio Lower Upper
97 100
99 63.6 52.8 79.2
61 54.4 36.6 54.8

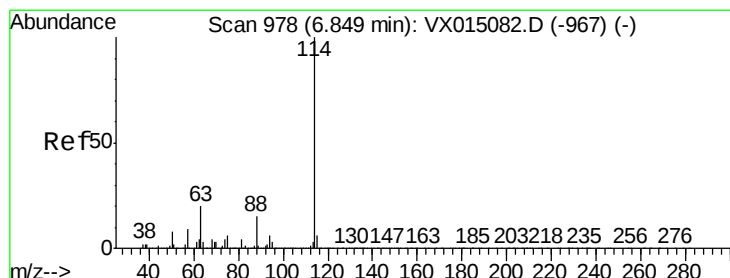
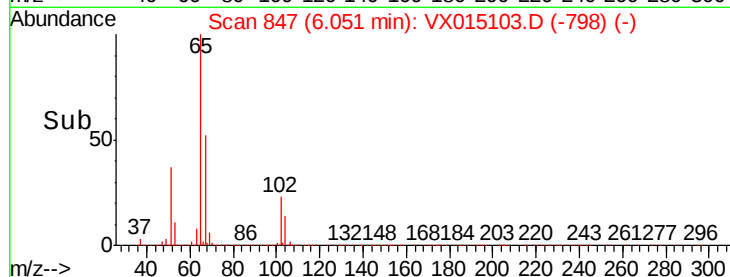
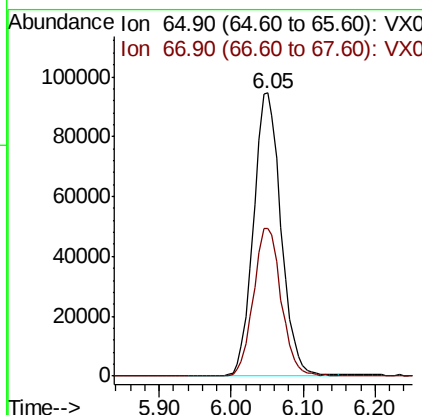
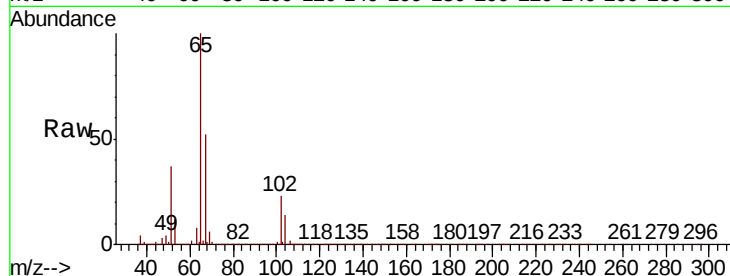




#33
 1,2-Dichloroethane-d4
 Concen: 51.230 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX015103.D
 Acq: 05 Mar 2020 11:56

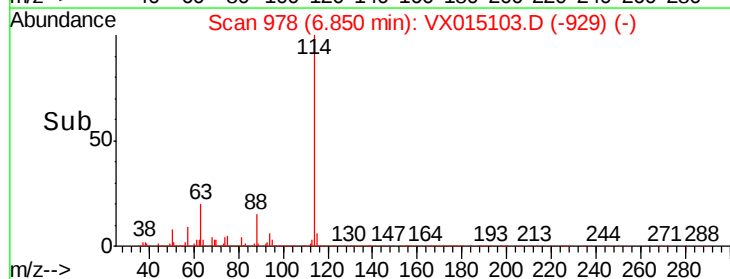
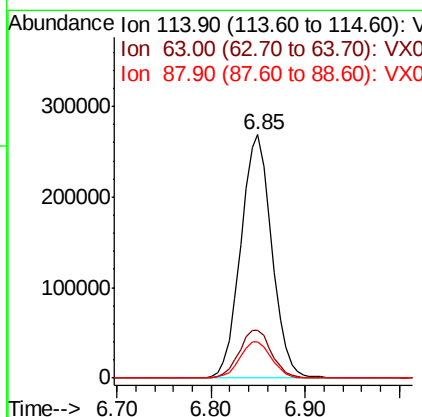
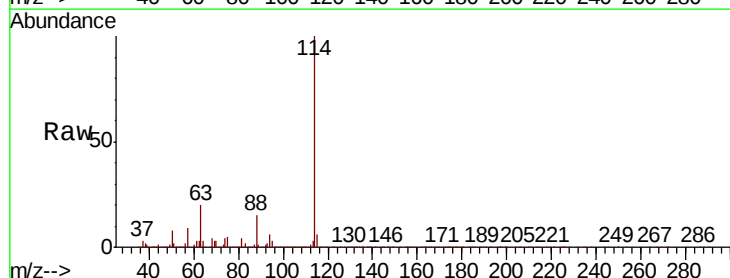
Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2020

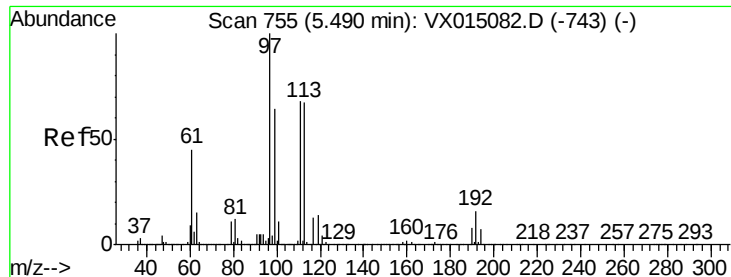
Tot Ion: 65 Resp: 250482
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX015103.D
 Acq: 05 Mar 2020 11:56

Tgt Ion: 114 Resp: 618843
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 40.0
 88 15.0 0.0 30.6





#35

Dibromofluoromethane

Concen: 51.408 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX015103.D

Acq: 05 Mar 2020 11:56

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

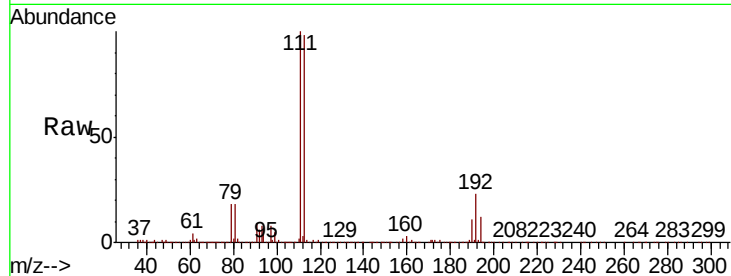
Tot Ion:113 Resp: 200700

Ion Ratio Lower Upper

113 100

111 101.8 82.6 123.8

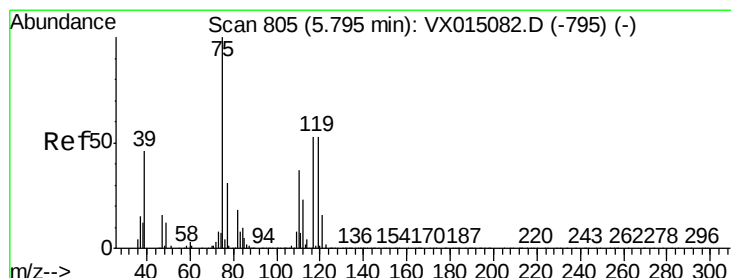
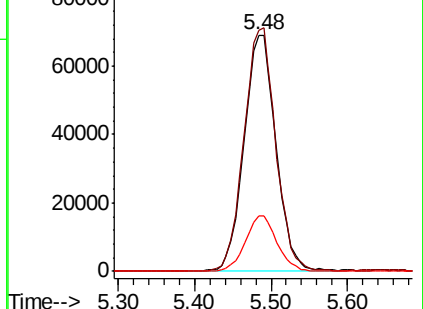
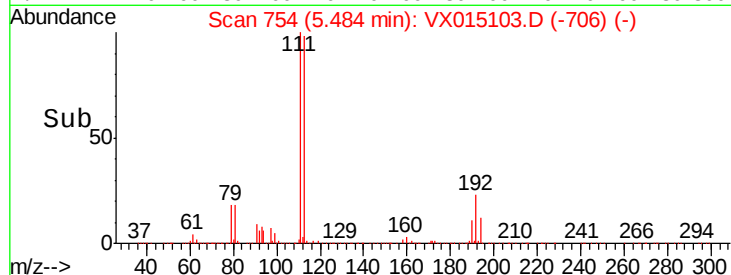
192 23.2 18.6 28.0



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: 2.692 ug/l

RT: 5.79 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX015103.D

Acq: 05 Mar 2020 11:56

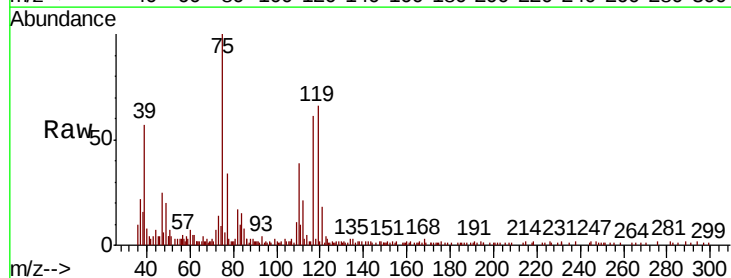
Tgt Ion: 75 Resp: 15398

Ion Ratio Lower Upper

75 100

110 36.3 17.9 53.8

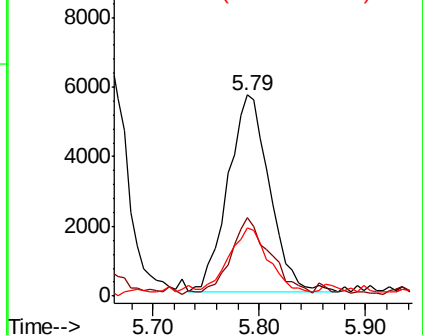
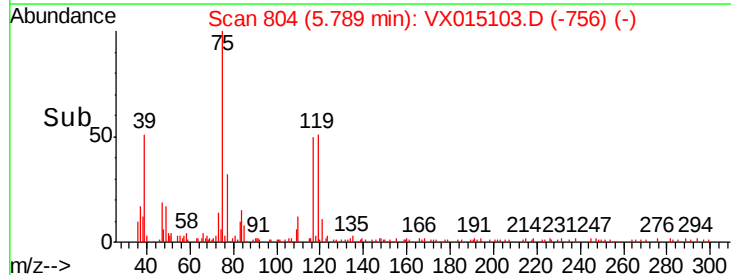
77 33.6 24.8 37.2

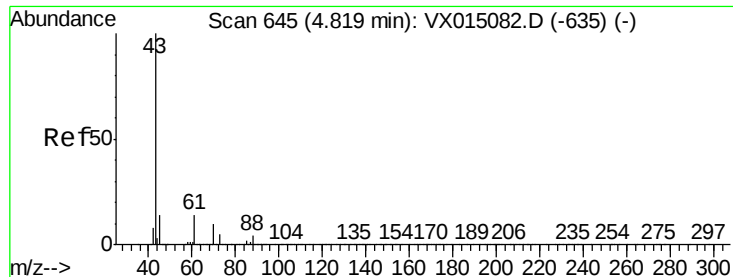


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

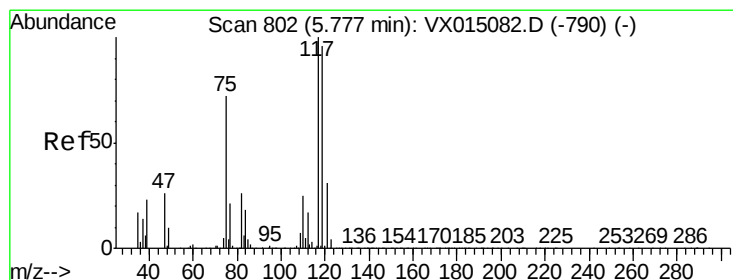
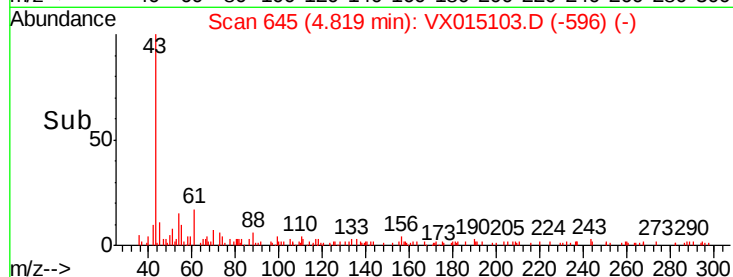
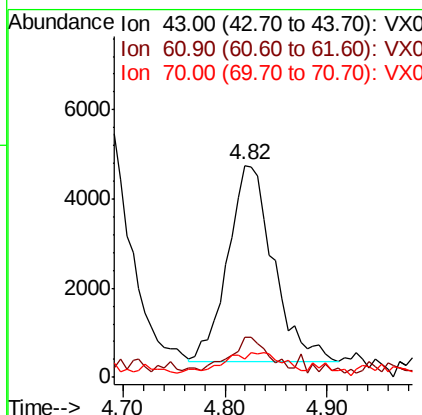
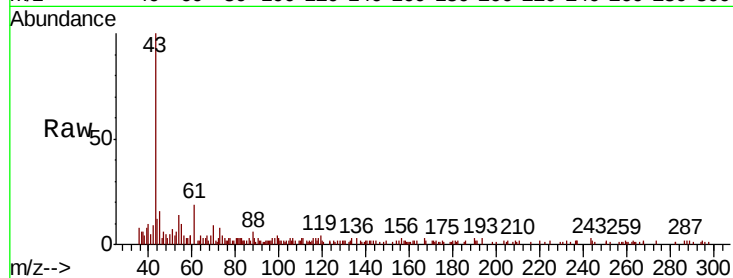




#37
Ethyl Acetate
Concen: 2.560 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX015103.D
Acq: 05 Mar 2020 11:56

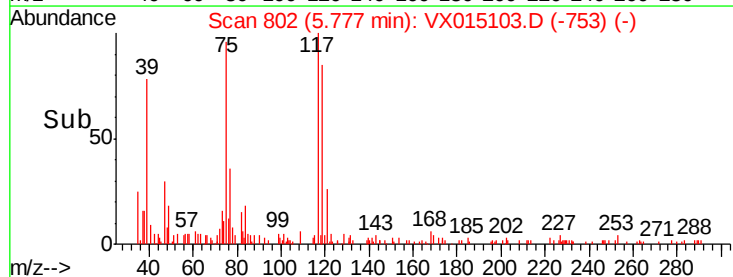
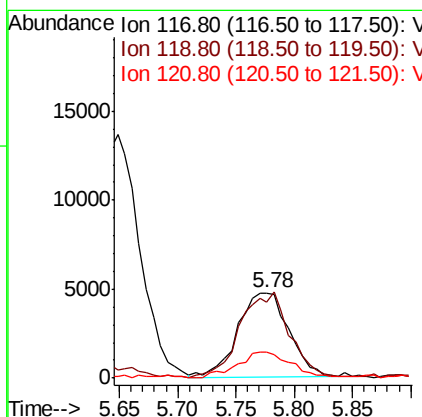
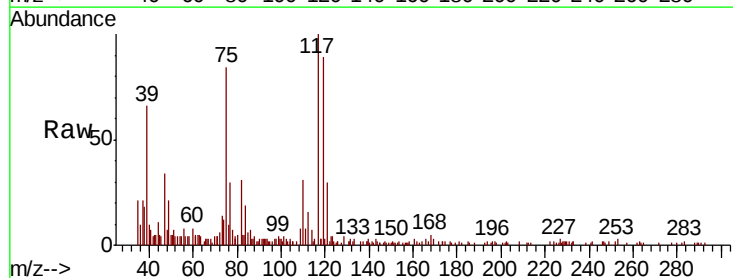
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

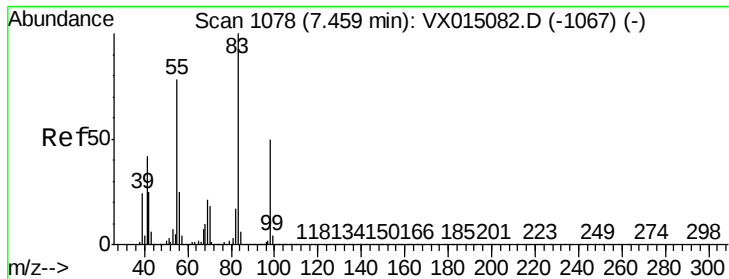
Tot Ion:	43	Resp:	13583
Ion	Ratio	Lower	Upper
43	100		
61	14.6	11.0	16.4
70	5.3	8.1	12.1#



#38
Carbon Tetrachloride
Concen: 2.655 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX015103.D
Acq: 05 Mar 2020 11:56

Tgt Ion:	117	Resp:	14335
Ion	Ratio	Lower	Upper
117	100		
119	90.6	76.9	115.3
121	29.8	24.6	37.0

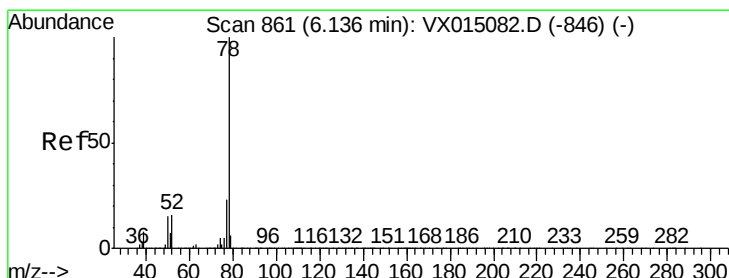
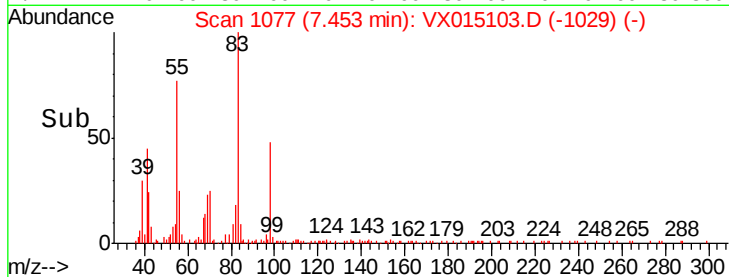
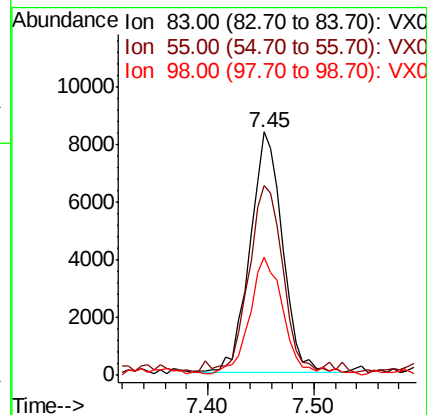
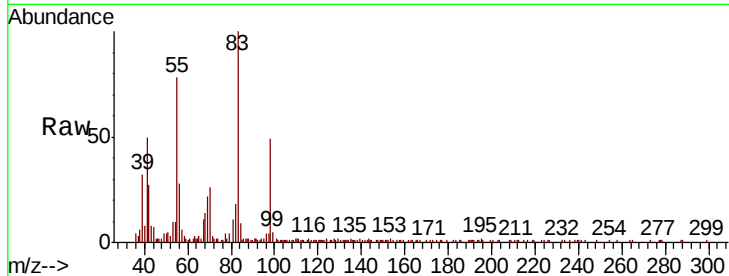




#39
Methvlcvclohexane
Concen: 2.650 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX015103.D
Acq: 05 Mar 2020 11:56

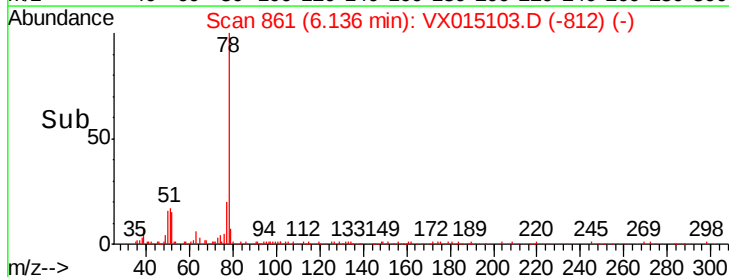
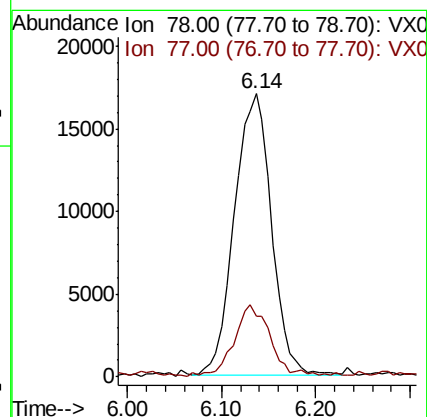
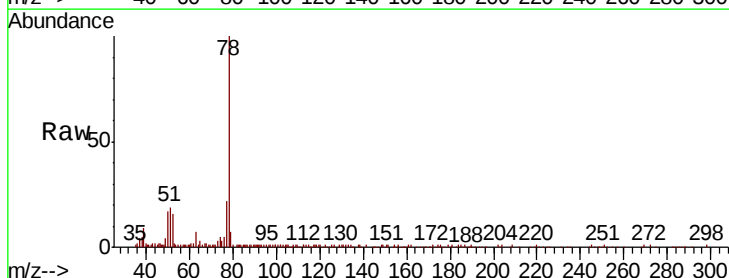
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

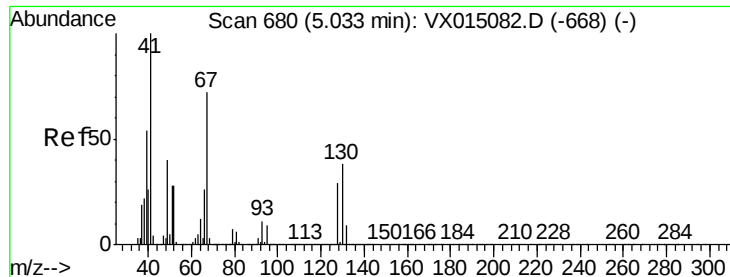
Tot Ion: 83 Resp: 17700
Ion Ratio Lower Upper
83 100
55 77.4 62.4 93.6
98 48.3 39.7 59.5



#40
Benzene
Concen: 2.718 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.00 min
Lab File: VX015103.D
Acq: 05 Mar 2020 11:56

Tgt Ion: 78 Resp: 46141
Ion Ratio Lower Upper
78 100
77 21.0 18.6 28.0

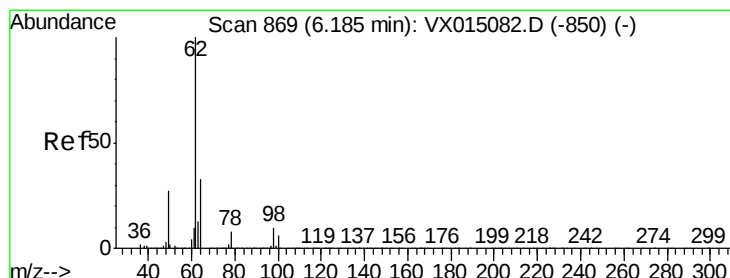
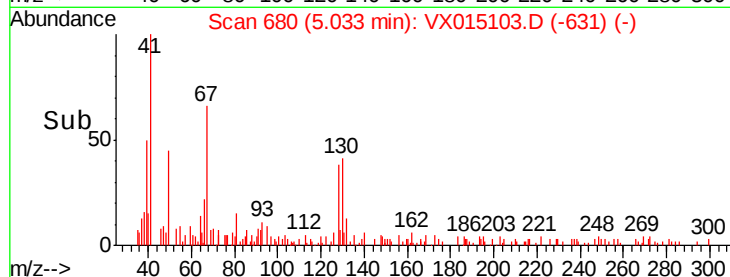
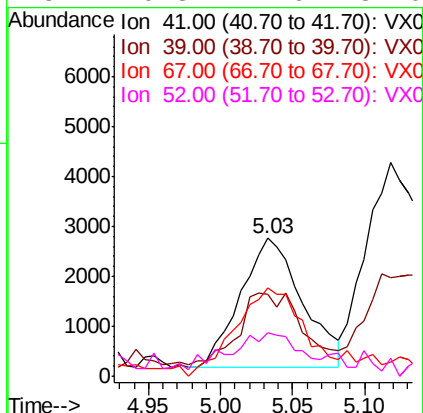
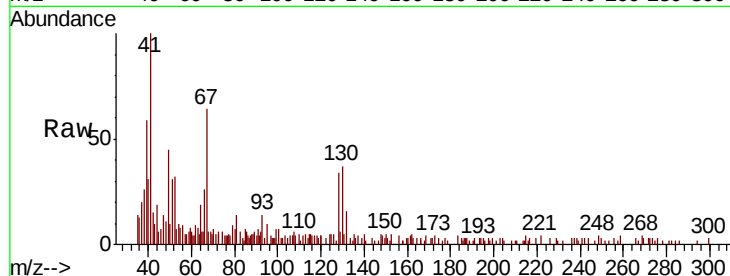




#41
Methacrylonitrile
Concen: 2.429 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.00 min
Lab File: VX015103.D
Acq: 05 Mar 2020 11:56

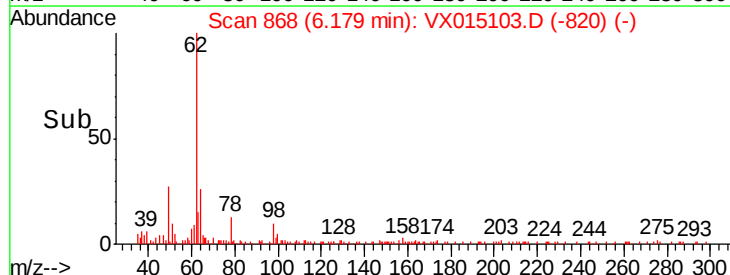
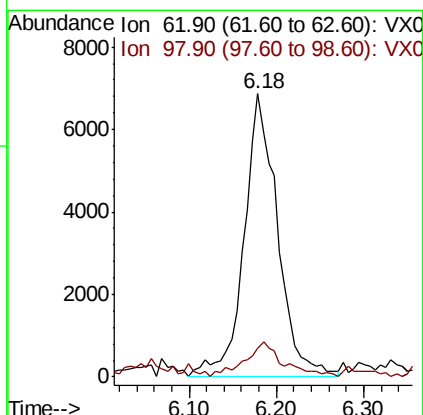
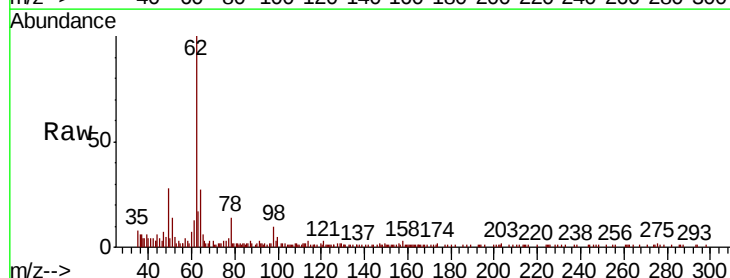
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

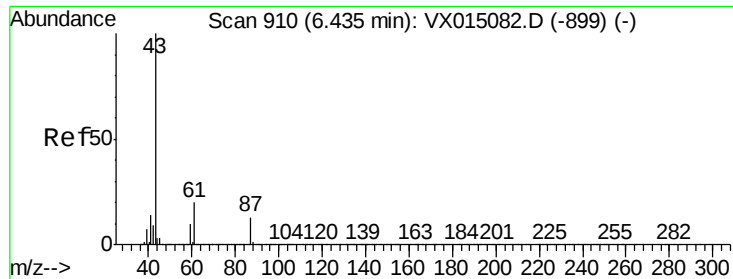
Tot Ion:	41	Resp:	7741
Ion	Ratio	Lower	Upper
41	100		
39	56.5	43.9	65.9
67	74.9	57.8	86.8
52	29.3	22.6	34.0



#42
1,2-Dichloroethane
Concen: 3.146 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX015103.D
Acq: 05 Mar 2020 11:56

Tgt Ion:	62	Resp:	18340
Ion	Ratio	Lower	Upper
62	100		
98	14.0	0.0	20.6





#43

Isopropyl Acetate

Concen: 2.525 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX015103.D

Acq: 05 Mar 2020 11:56

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

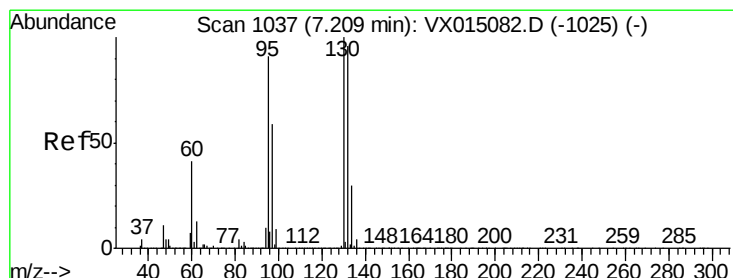
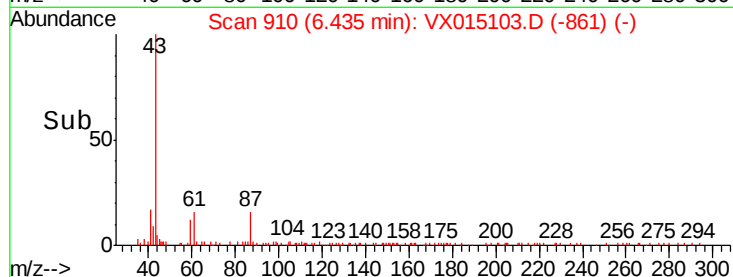
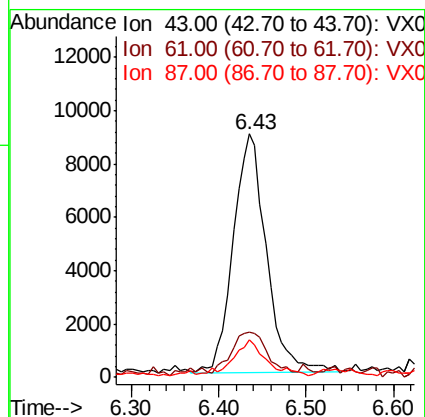
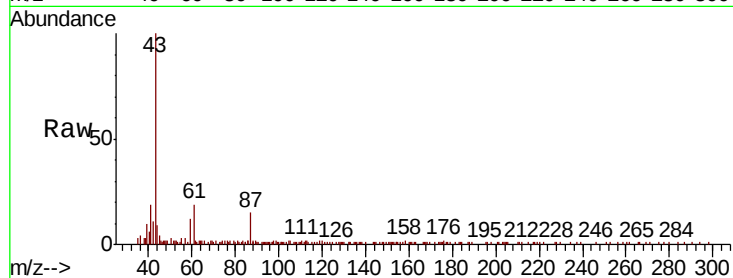
Tot Ion: 43 Resp: 23574

Ion Ratio Lower Upper

43 100

61 19.6 16.1 24.1

87 12.4 10.6 16.0



#44

Trichloroethene

Concen: 2.849 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX015103.D

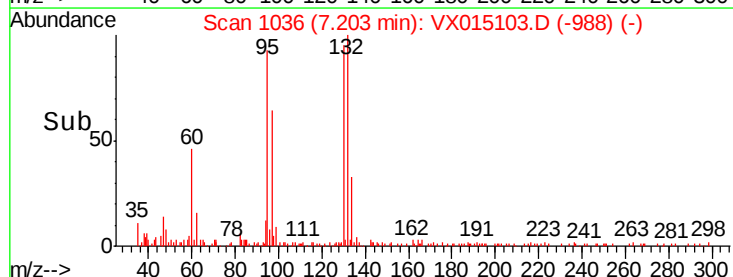
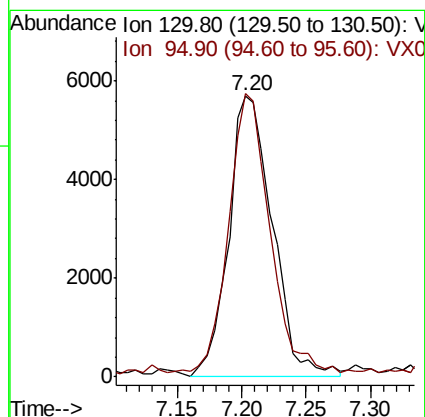
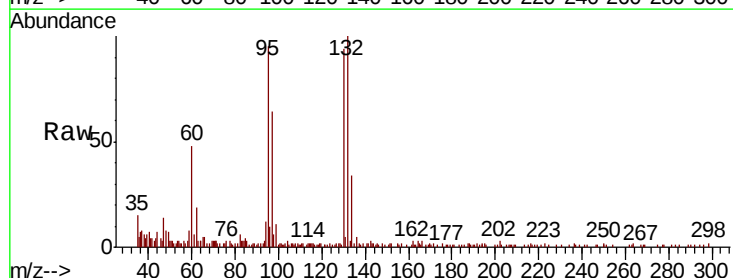
Acq: 05 Mar 2020 11:56

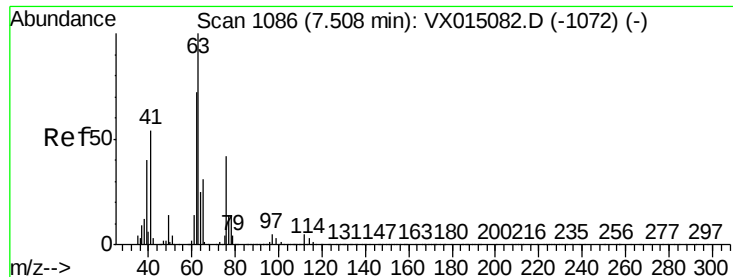
Tgt Ion: 130 Resp: 13467

Ion Ratio Lower Upper

130 100

95 99.0 0.0 181.2

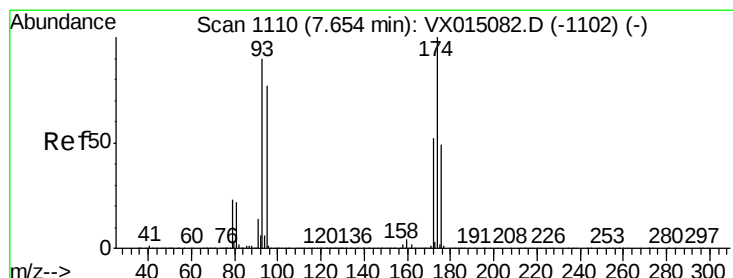
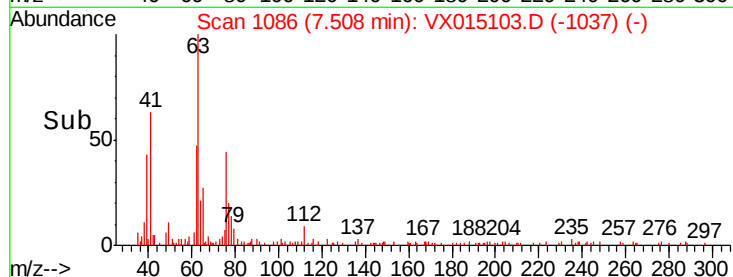
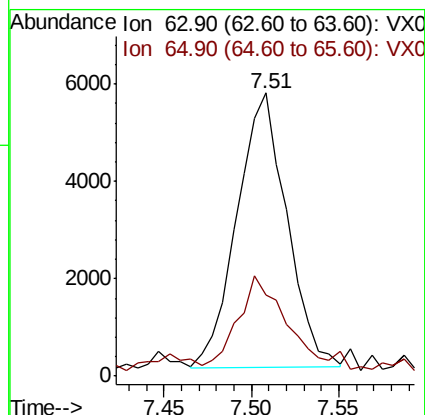
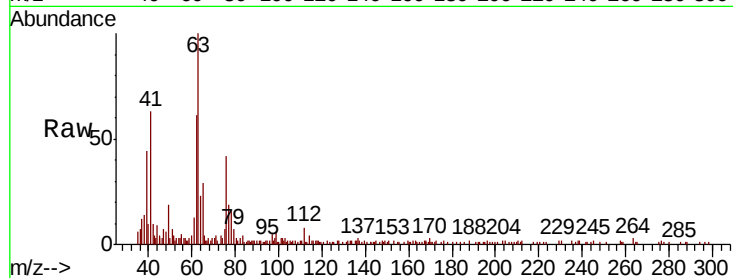




#45
 1,2-Dichloropropane
 Concen: 2.549 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX015103.D
 Acq: 05 Mar 2020 11:56

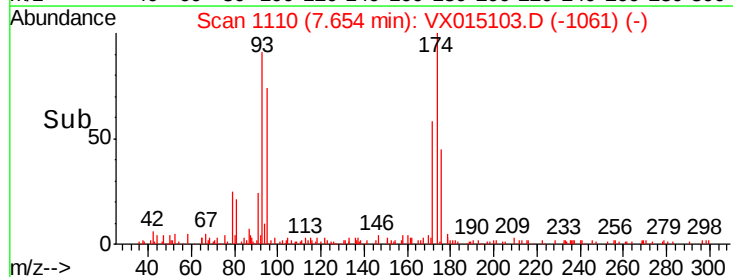
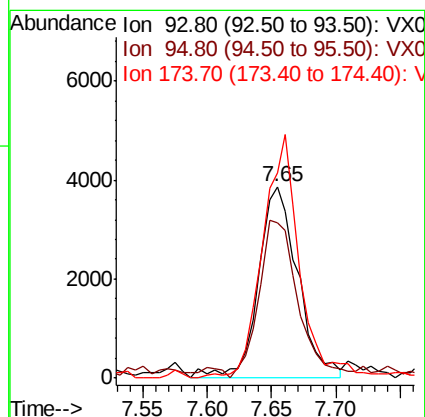
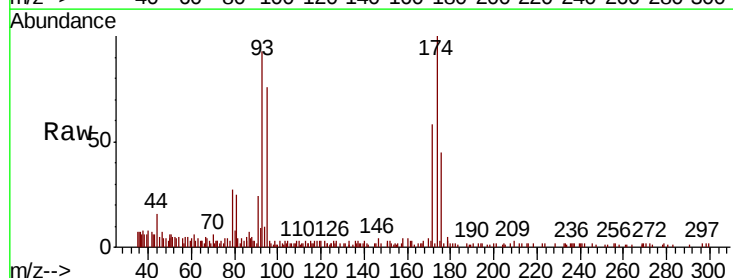
Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2020

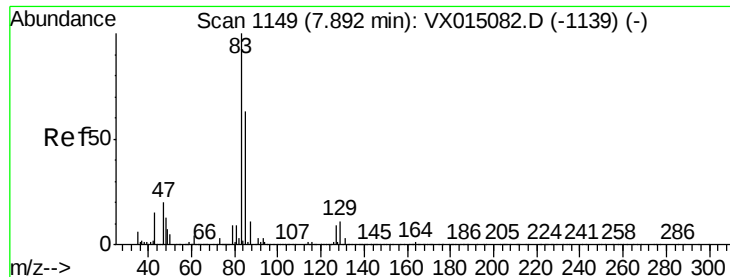
Tot Ion: 63 Resp: 11199
 Ion Ratio Lower Upper
 63 100
 65 23.3 24.6 36.8#



#46
 Dibromomethane
 Concen: 2.870 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX015103.D
 Acq: 05 Mar 2020 11:56

Tgt Ion: 93 Resp: 8215
 Ion Ratio Lower Upper
 93 100
 95 82.2 67.8 101.8
 174 119.0 91.0 136.4





#47

Bromodichloromethane

Concen: 2.630 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX015103.D

Acq: 05 Mar 2020 11:56

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

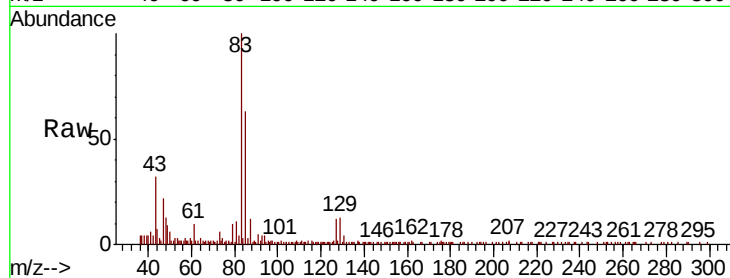
Tot Ion: 83 Resp: 14886

Ion Ratio Lower Upper

83 100

85 62.1 50.6 75.8

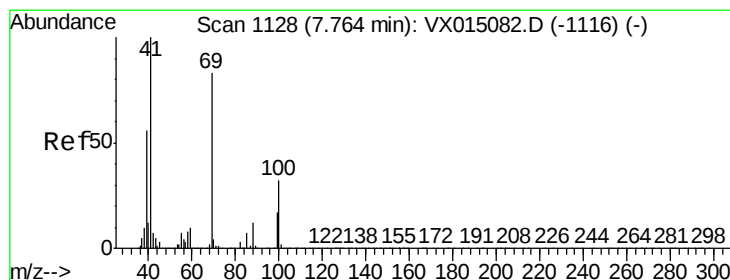
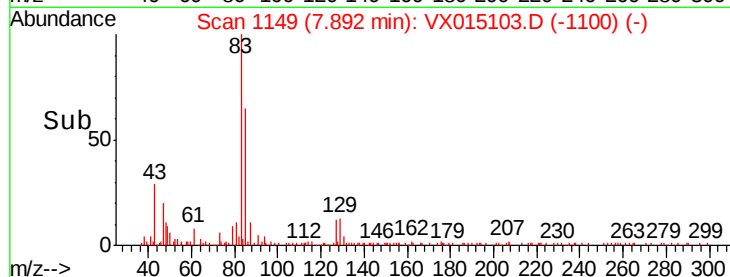
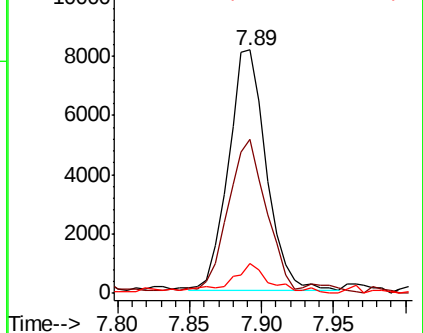
127 12.2 7.1 10.7#



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 2.185 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX015103.D

Acq: 05 Mar 2020 11:56

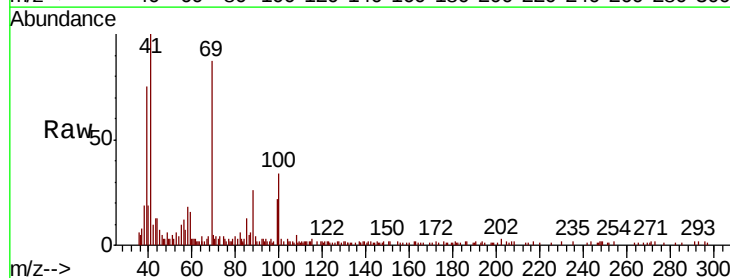
Tgt Ion: 41 Resp: 10383

Ion Ratio Lower Upper

41 100

69 85.7 65.4 98.2

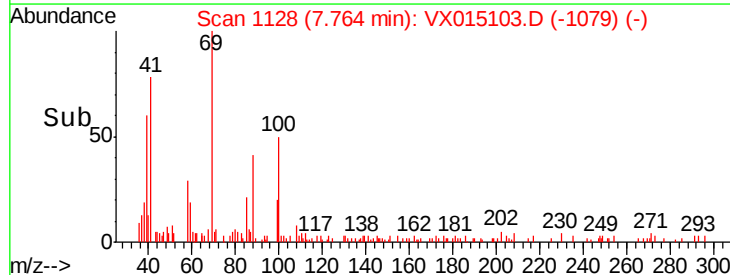
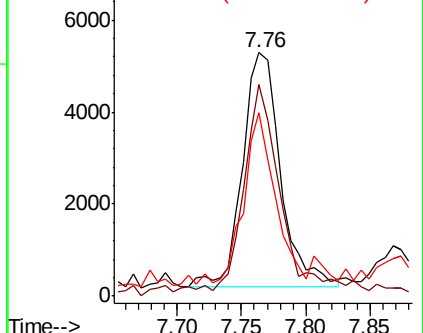
39 61.1 44.6 67.0

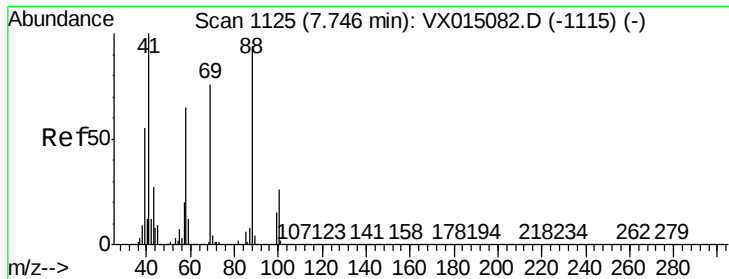


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

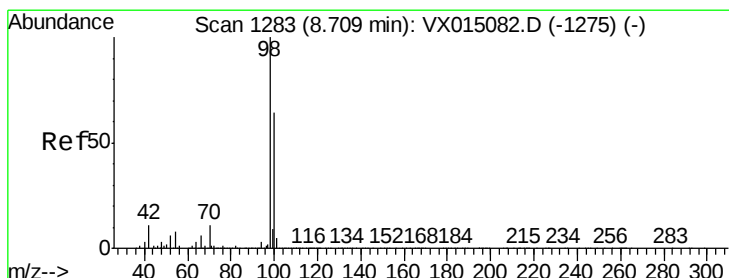
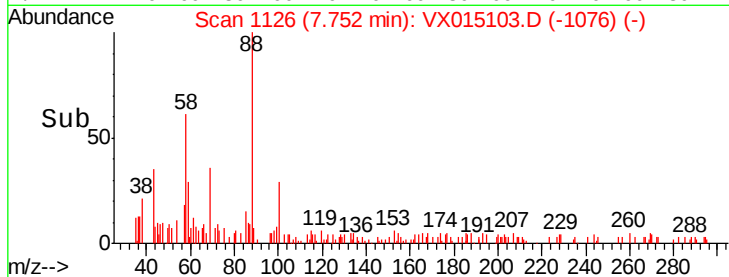
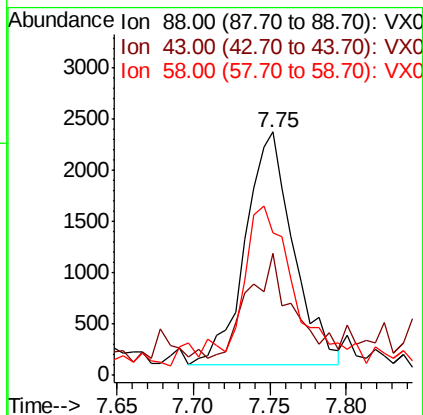
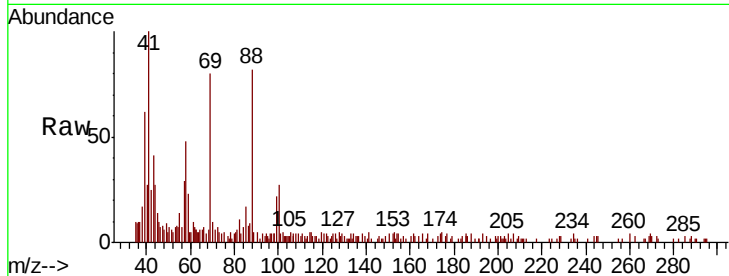




#49
1,4-Dioxane
Concen: 48.397 ug/l
RT: 7.75 min Scan# 1126
Delta R.T. 0.01 min
Lab File: VX015103.D
Acq: 05 Mar 2020 11:56

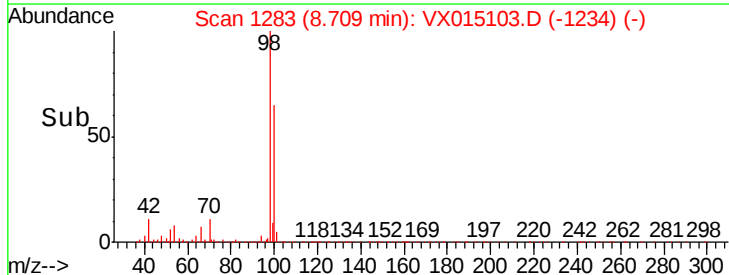
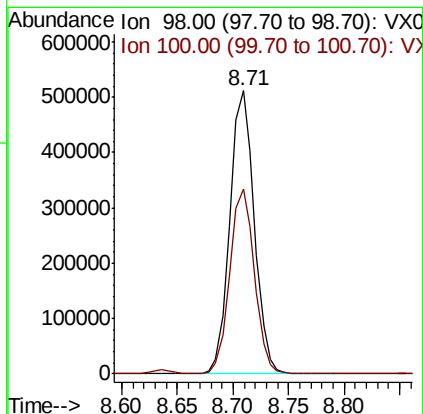
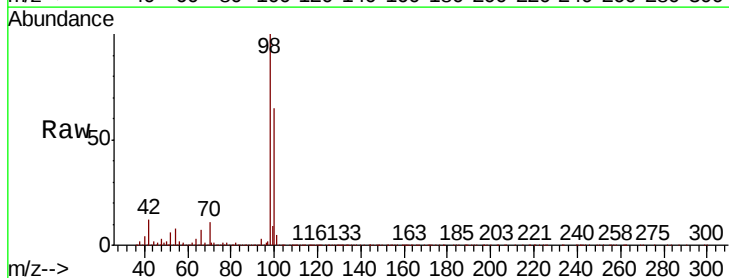
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

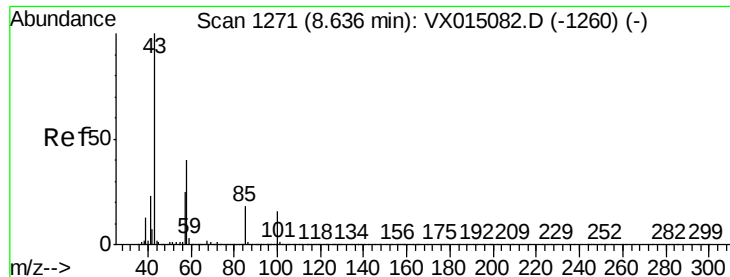
Tot Ion: 88 Resp: 4972
Ion Ratio Lower Upper
88 100
43 38.8 27.0 40.4
58 73.2 55.6 83.4



#50
Toluene-d8
Concen: 52.288 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX015103.D
Acq: 05 Mar 2020 11:56

Tgt Ion: 98 Resp: 776511
Ion Ratio Lower Upper
98 100
100 65.8 52.4 78.6





#51

4-Methyl-2-Pentanone

Concen: 12.137 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX015103.D

Acq: 05 Mar 2020 11:56

Instrument :

MSVOA_X

ClientSampleId :

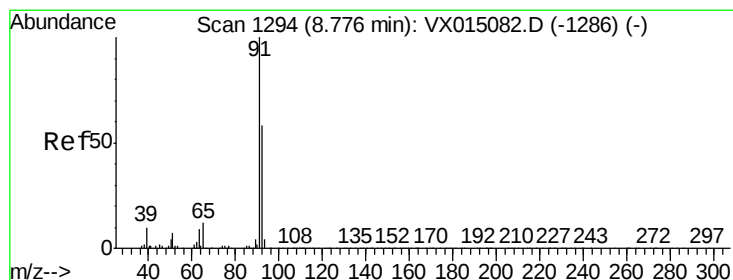
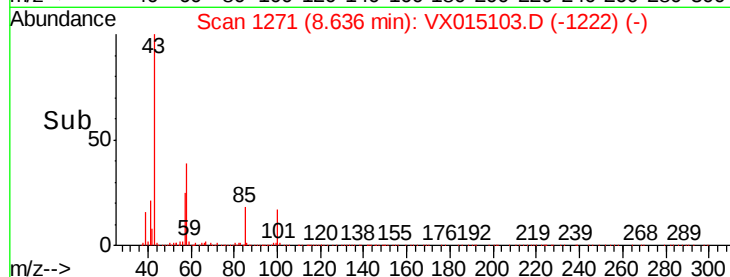
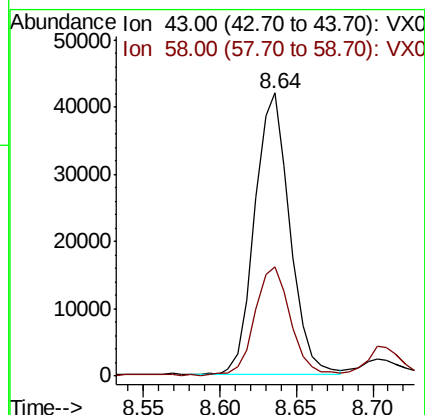
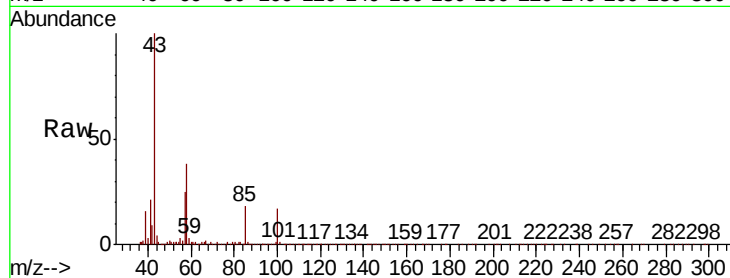
LOD-MDL-WATER-01-QT1-2020

Tot Ion: 43 Resp: 66992

Ion Ratio Lower Upper

43 100

58 38.8 31.6 47.4



#52

Toluene

Concen: 2.815 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX015103.D

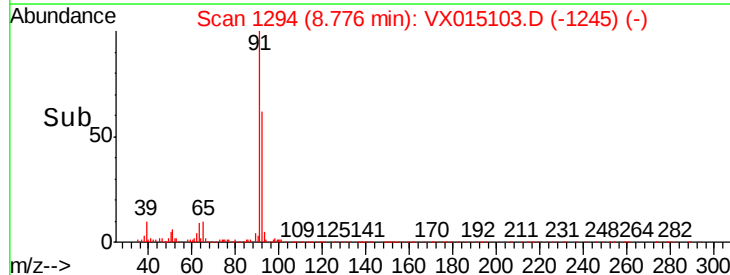
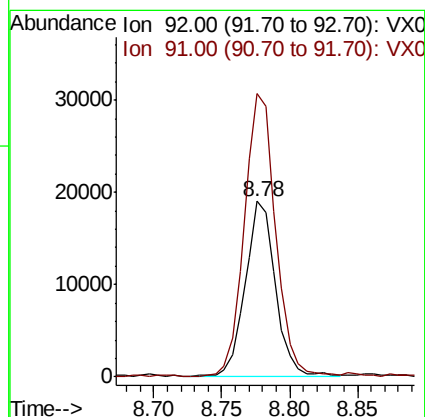
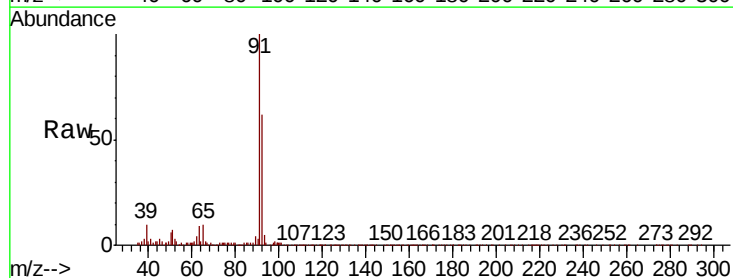
Acq: 05 Mar 2020 11:56

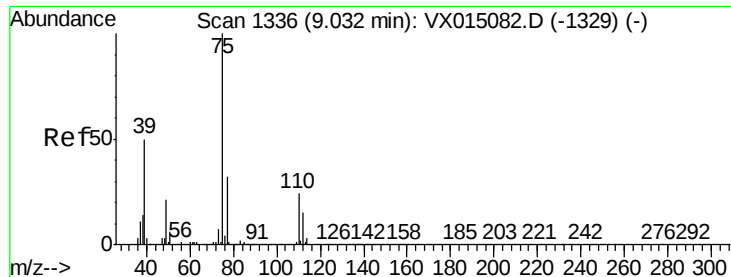
Tgt Ion: 92 Resp: 29218

Ion Ratio Lower Upper

92 100

91 168.3 136.9 205.3

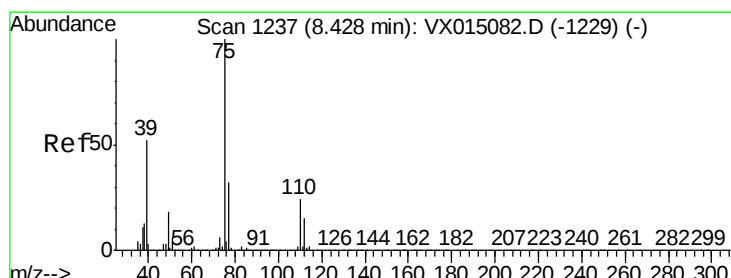
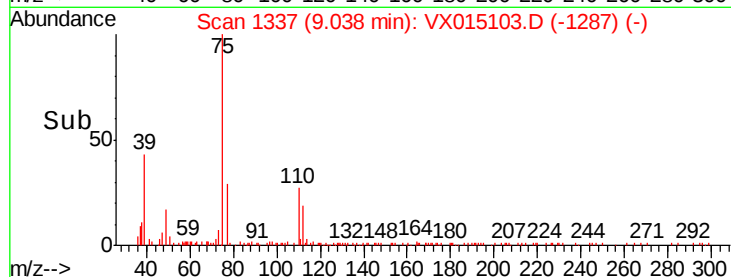
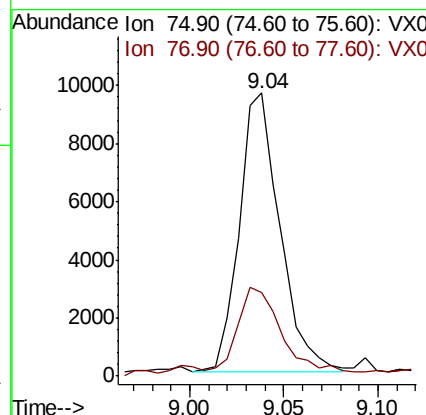
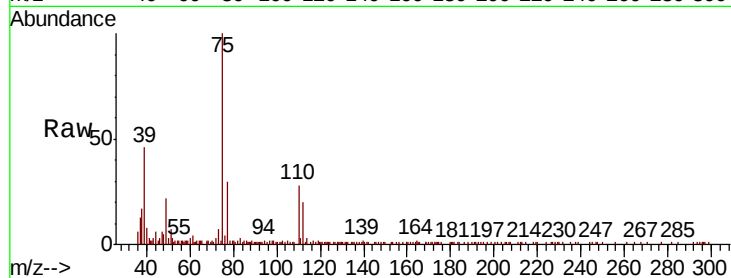




#53
t-1,3-Dichloropropene
Concen: 2.391 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.01 min
Lab File: VX015103.D
Acq: 05 Mar 2020 11:56

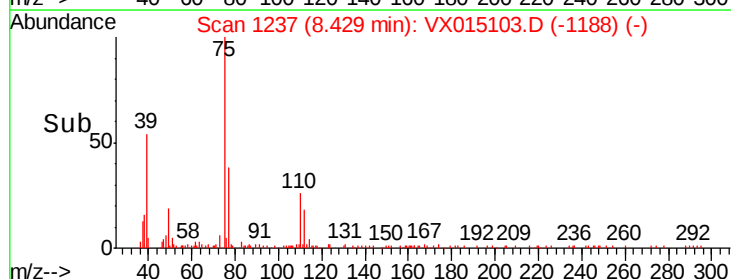
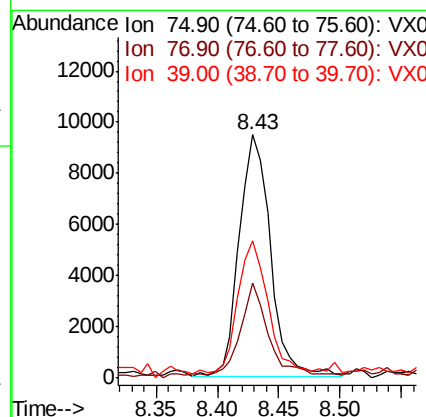
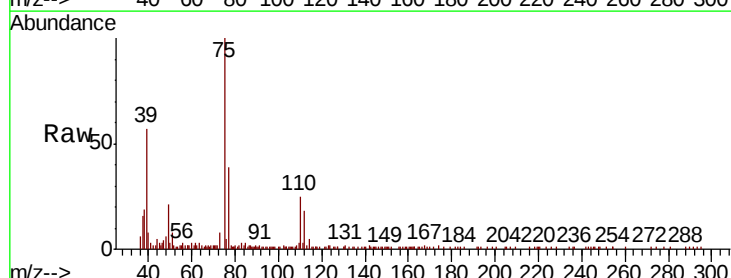
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

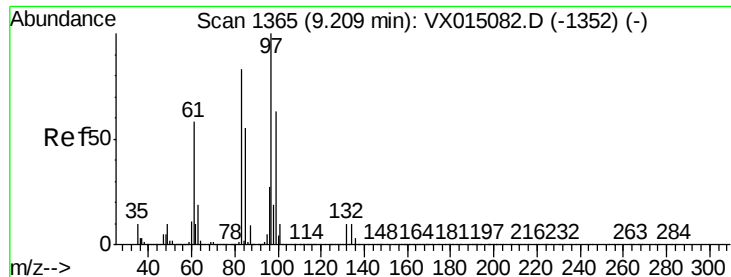
Tot Ion: 75 Resp: 14409
Ion Ratio Lower Upper
75 100
77 27.9 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 2.444 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX015103.D
Acq: 05 Mar 2020 11:56

Tgt Ion: 75 Resp: 16650
Ion Ratio Lower Upper
75 100
77 37.8 25.8 38.6
39 55.1 41.3 61.9





#55

1,1,2-Trichloroethane

Concen: 2.560 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VX015103.D

Acq: 05 Mar 2020 11:56

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

Tot Ion: 97 Resp: 10936

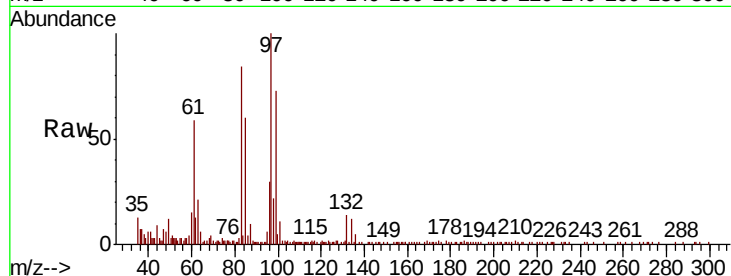
Ion Ratio Lower Upper

97 100

83 84.6 66.4 99.6

85 58.0 43.5 65.3

99 70.6 50.7 76.1

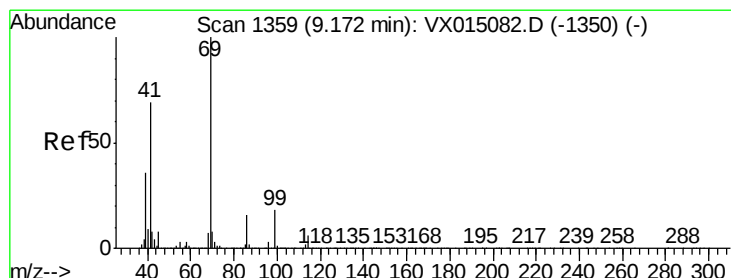
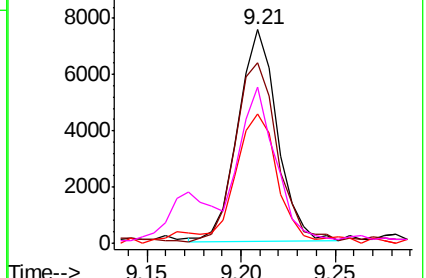
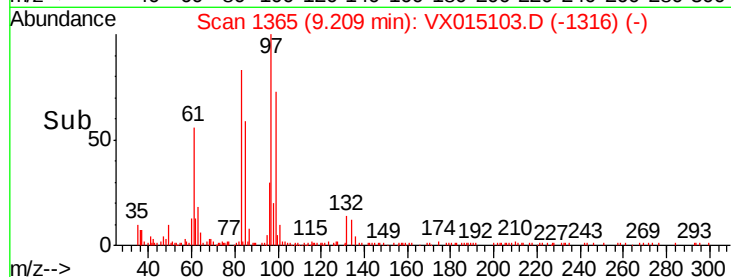


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 2.299 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX015103.D

Acq: 05 Mar 2020 11:56

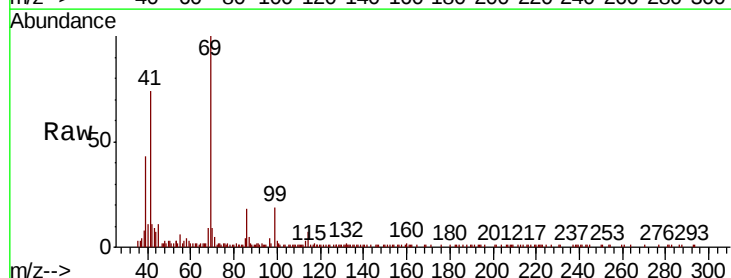
Tgt Ion: 69 Resp: 14006

Ion Ratio Lower Upper

69 100

41 69.6 55.8 83.8

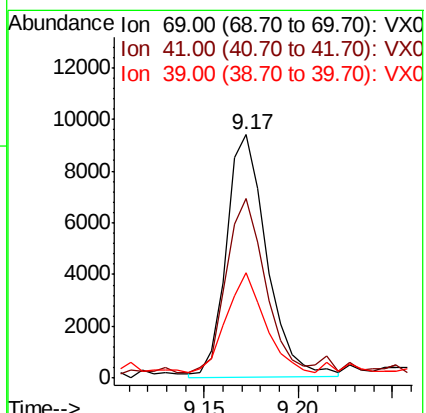
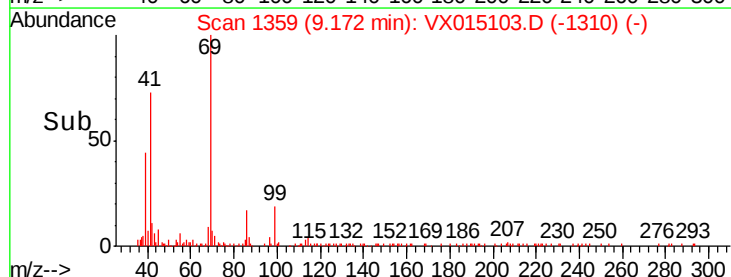
39 38.8 29.4 44.2

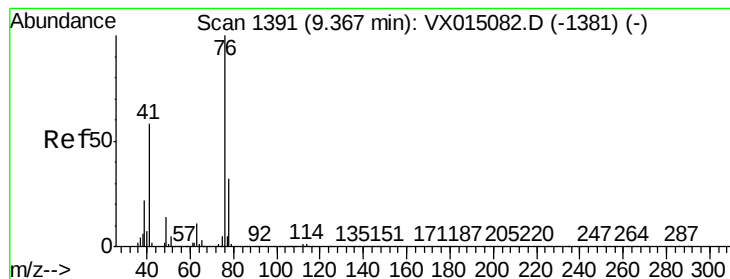


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 2.633 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX015103.D

Acq: 05 Mar 2020 11:56

Instrument :

MSVOA_X

ClientSampleId :

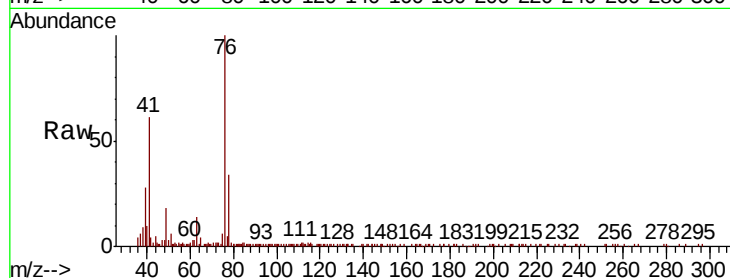
LOD-MDL-WATER-01-QT1-2020

Tot Ion: 76 Resp: 18922

Ion Ratio Lower Upper

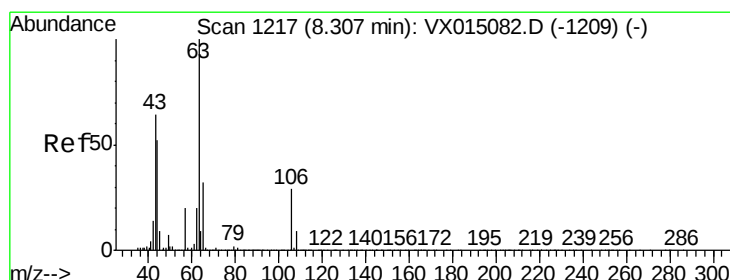
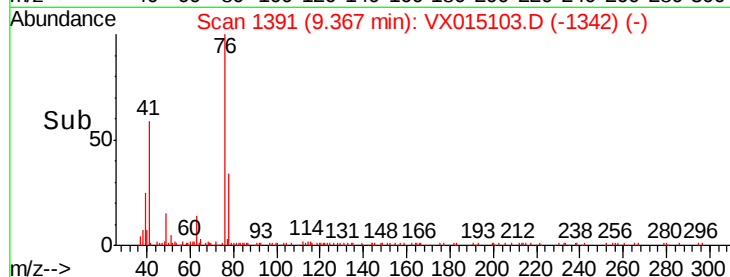
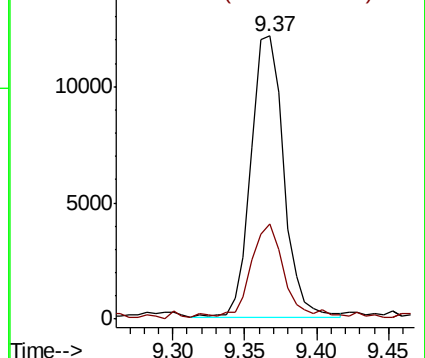
76 100

78 34.6 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 12.670 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX015103.D

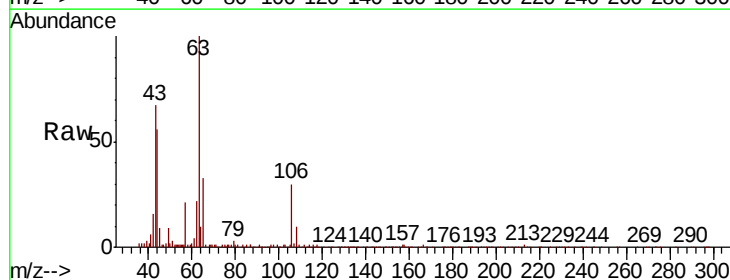
Acq: 05 Mar 2020 11:56

Tgt Ion: 63 Resp: 42053

Ion Ratio Lower Upper

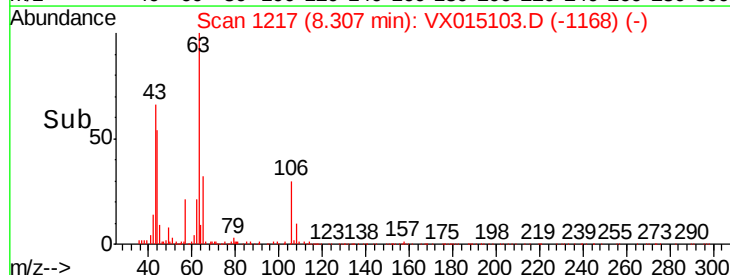
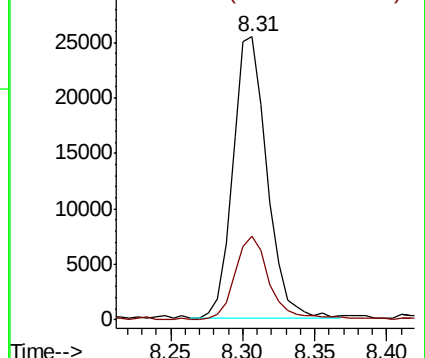
63 100

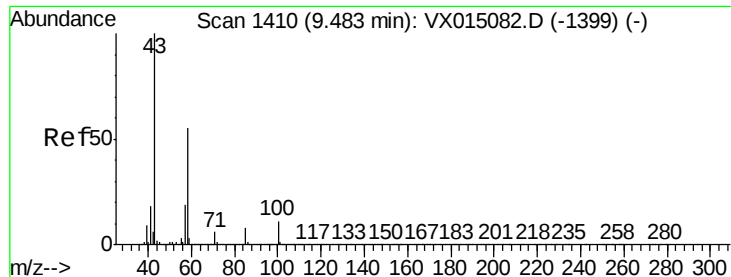
106 29.5 22.8 34.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





#59

2-Hexanone

Concen: 12.151 ug/l

RT: 9.48 min Scan# 1410

Delta R.T. 0.00 min

Lab File: VX015103.D

Acq: 05 Mar 2020 11:56

Instrument :

MSVOA_X

ClientSampleId :

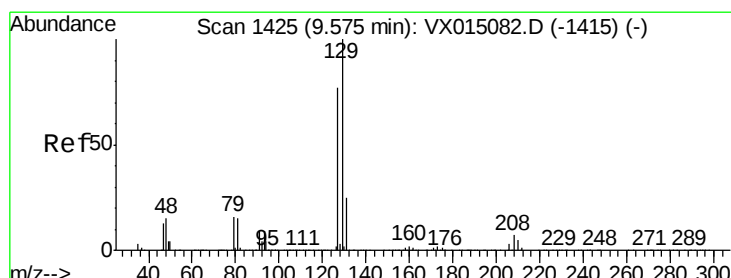
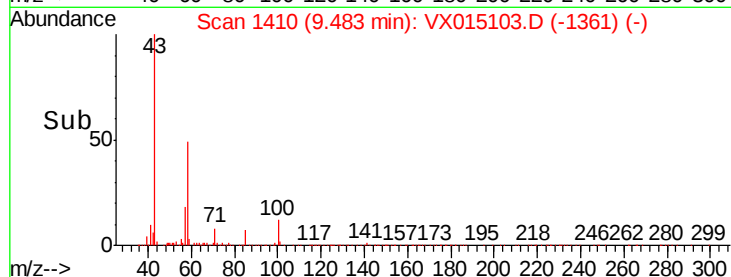
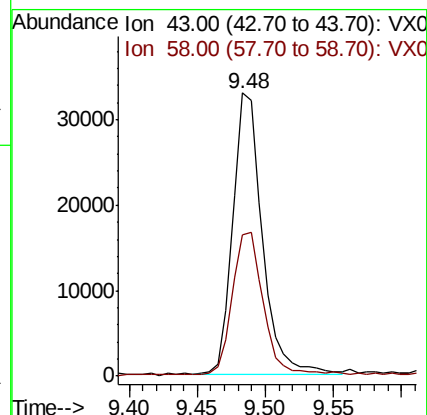
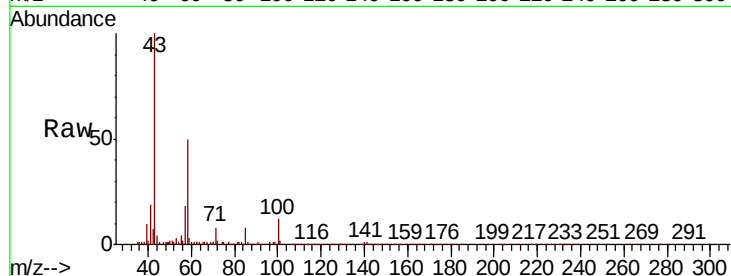
LOD-MDL-WATER-01-QT1-2020

Tot Ion: 43 Resp: 49712

Ion Ratio Lower Upper

43 100

58 53.1 27.3 81.8



#60

Dibromochloromethane

Concen: 2.438 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. 0.00 min

Lab File: VX015103.D

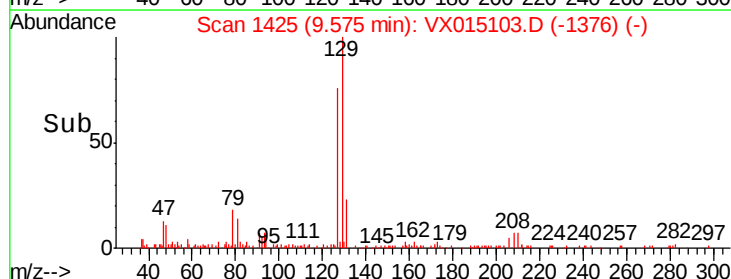
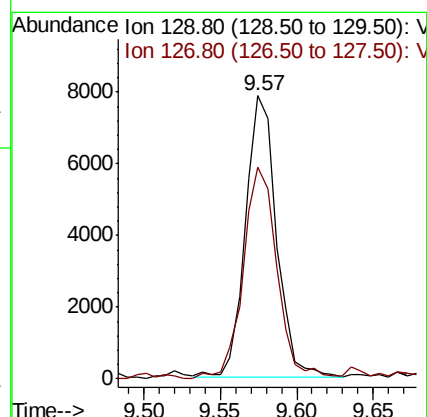
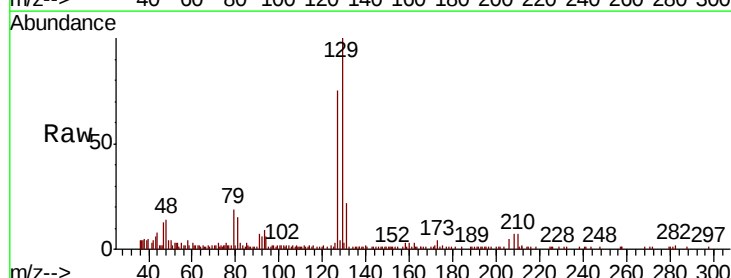
Acq: 05 Mar 2020 11:56

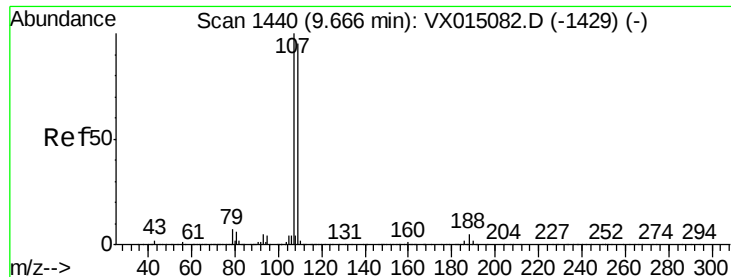
Tgt Ion: 129 Resp: 10941

Ion Ratio Lower Upper

129 100

127 83.3 38.8 116.3





#61

1,2-Dibromoethane

Concen: 2.668 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX015103.D

Acq: 05 Mar 2020 11:56

Instrument :

MSVOA_X

ClientSampleId :

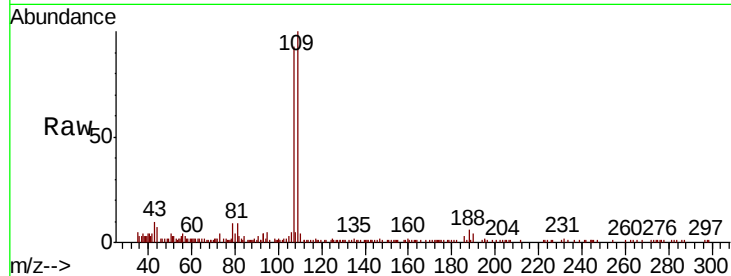
LOD-MDL-WATER-01-QT1-2020

Tot Ion:107 Resp: 11970

Ion Ratio Lower Upper

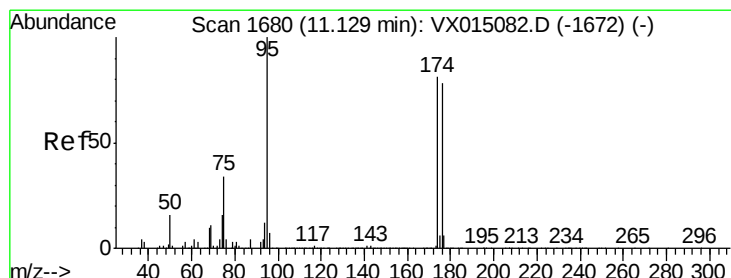
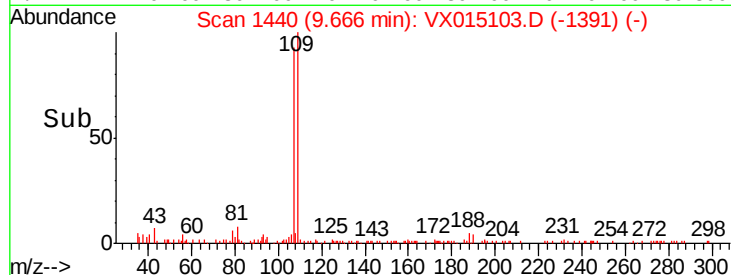
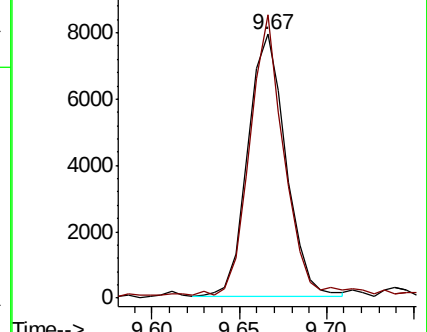
107 100

109 97.7 75.6 113.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.713 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX015103.D

Acq: 05 Mar 2020 11:56

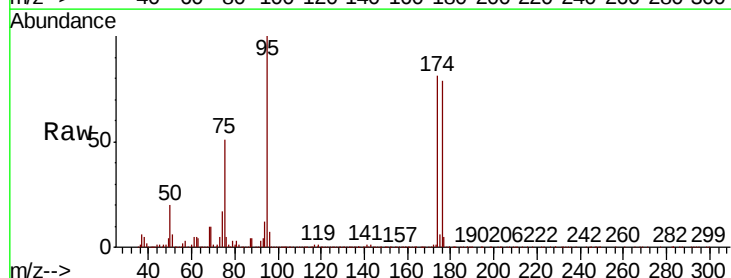
Tgt Ion: 95 Resp: 268630

Ion Ratio Lower Upper

95 100

174 89.7 0.0 177.6

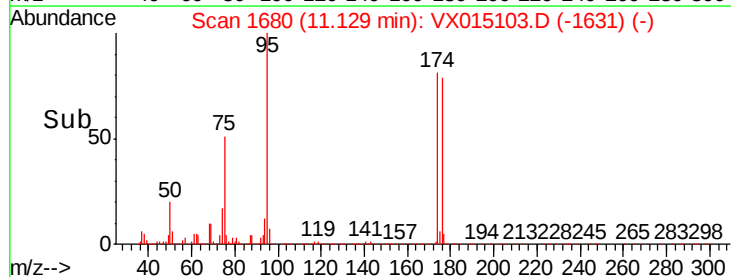
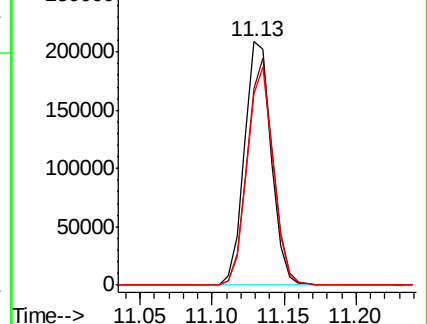
176 86.8 0.0 170.2

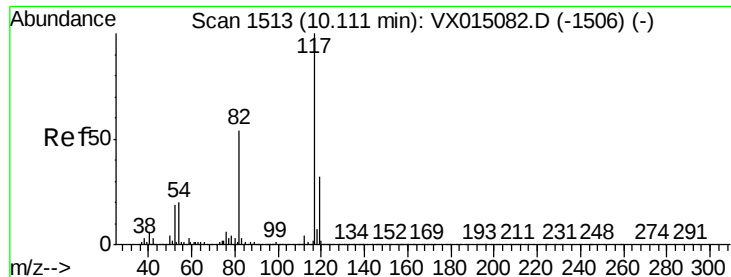


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1512

Delta R.T. -0.01 min

Lab File: VX015103.D

Acq: 05 Mar 2020 11:56

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

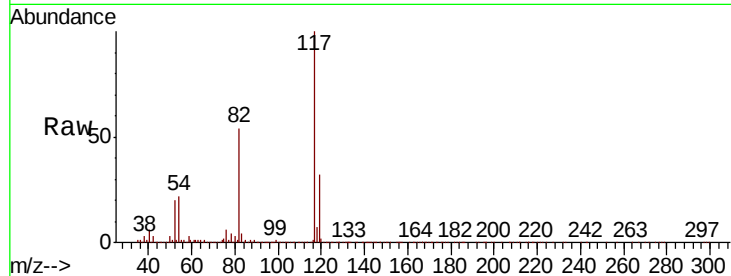
Tot Ion:117 Resp: 567795

Ion Ratio Lower Upper

117 100

82 54.4 43.3 64.9

119 32.2 25.8 38.8

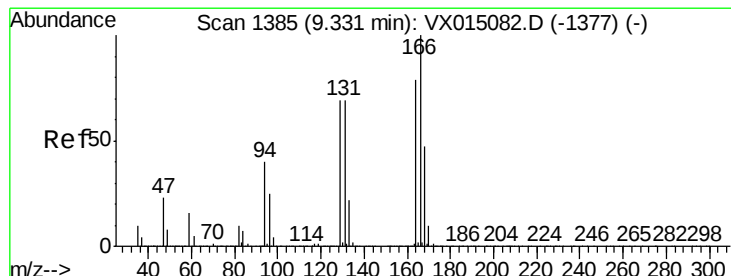
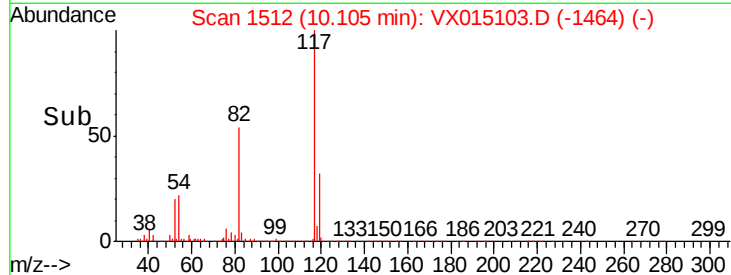
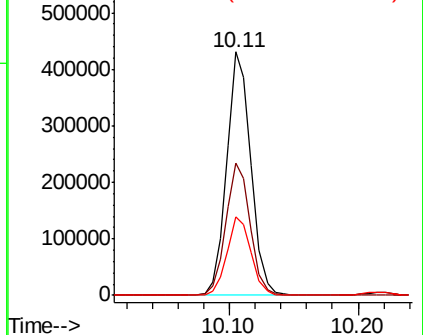


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 2.867 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX015103.D

Acq: 05 Mar 2020 11:56

Tgt Ion:164 Resp: 13460

Ion Ratio Lower Upper

164 100

166 121.9 101.1 151.7

129 78.2 69.4 104.0

131 83.7 69.8 104.8

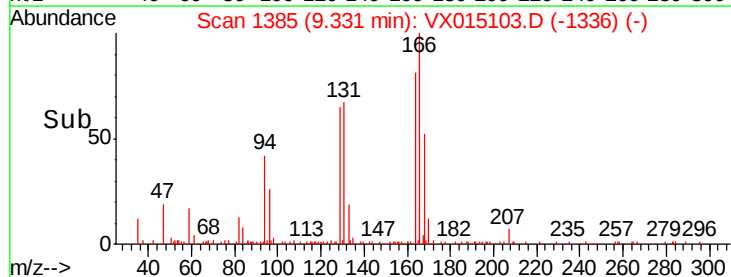
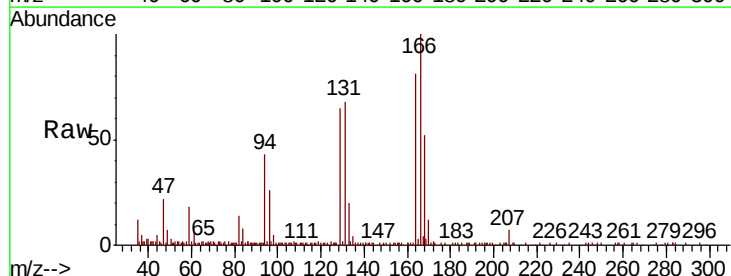
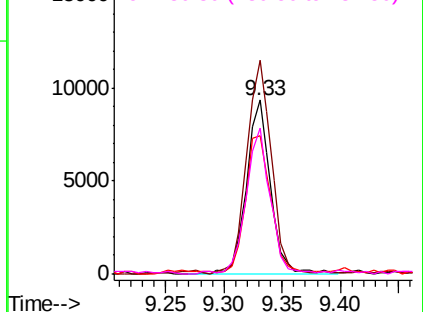
Abundance

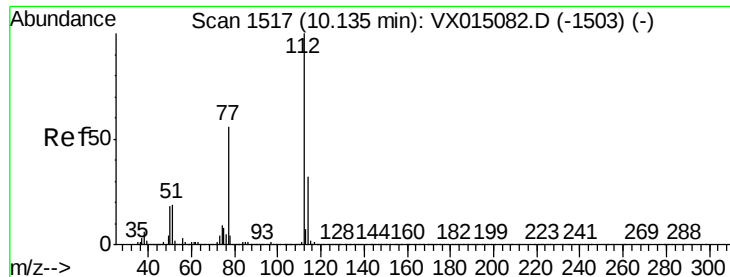
Ion 163.80 (163.50 to 164.50): V

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: 2.790 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX015103.D

Acq: 05 Mar 2020 11:56

Instrument :

MSVOA_X

ClientSampleId :

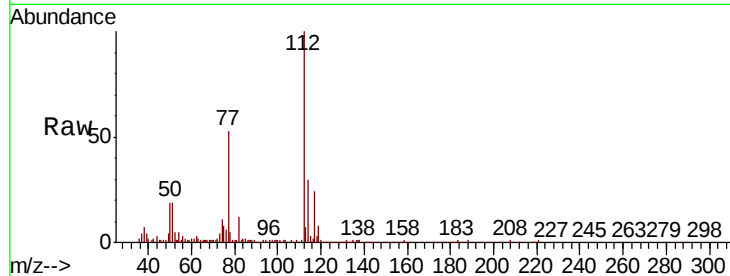
LOD-MDL-WATER-01-QT1-2020

Tot Ion:112 Resp: 31800

Ion Ratio Lower Upper

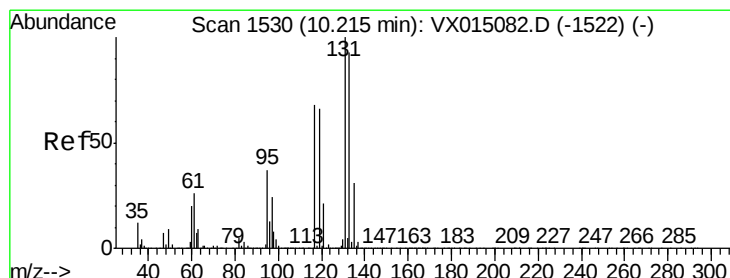
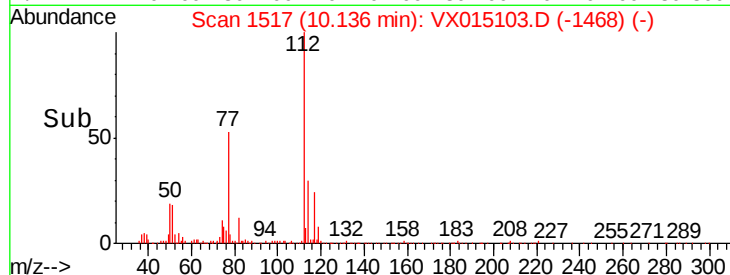
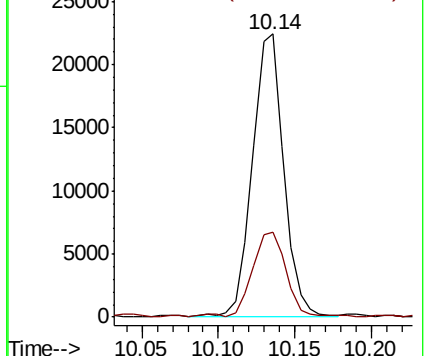
112 100

114 29.4 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: 2.372 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX015103.D

Acq: 05 Mar 2020 11:56

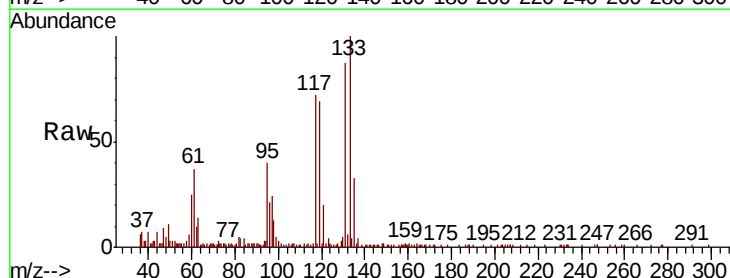
Tgt Ion:131 Resp: 10195

Ion Ratio Lower Upper

131 100

133 100.5 47.5 142.5

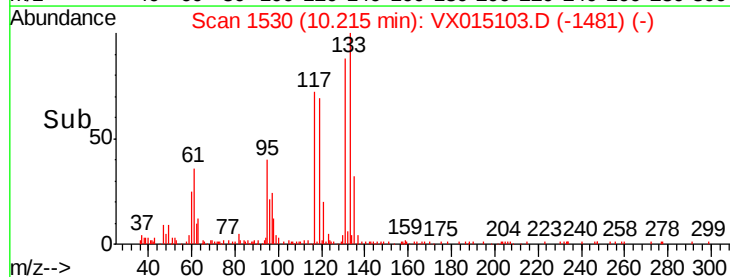
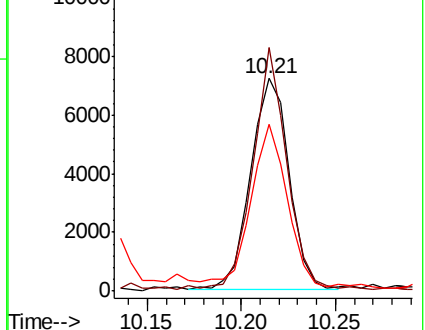
119 72.5 33.4 100.1

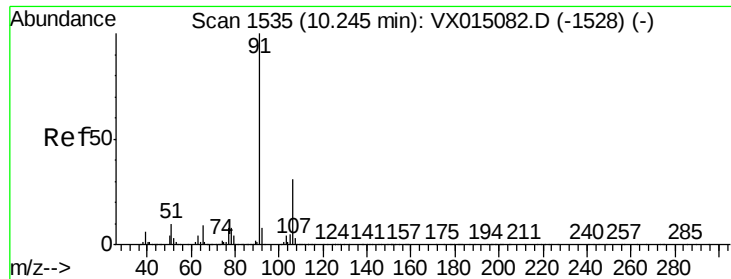


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 2.671 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX015103.D

Acq: 05 Mar 2020 11:56

Instrument :

MSVOA_X

ClientSampleId :

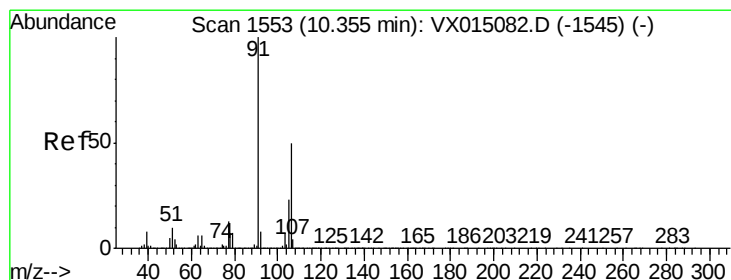
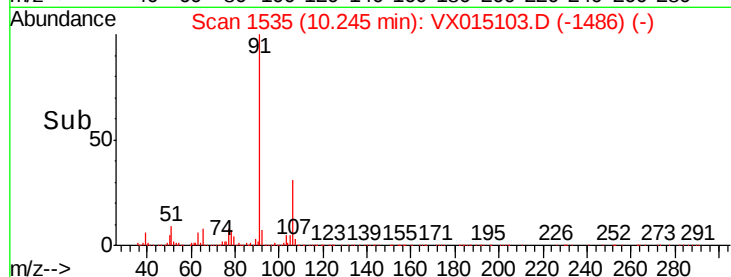
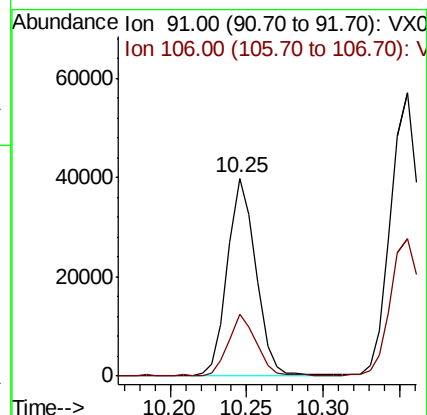
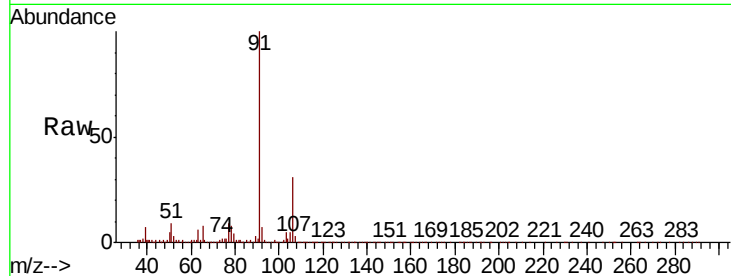
LOD-MDL-WATER-01-QT1-2020

Tot Ion: 91 Resp: 51695

Ion Ratio Lower Upper

91 100

106 31.1 24.9 37.3



#68

m/p-Xylenes

Concen: 5.237 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX015103.D

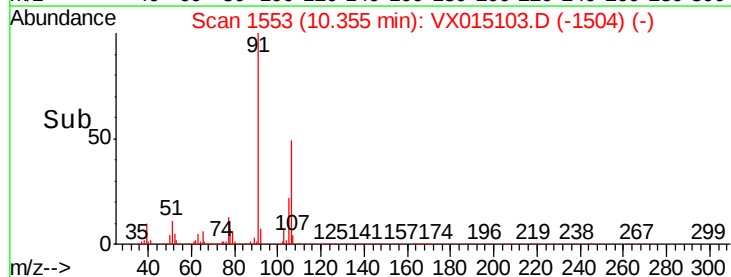
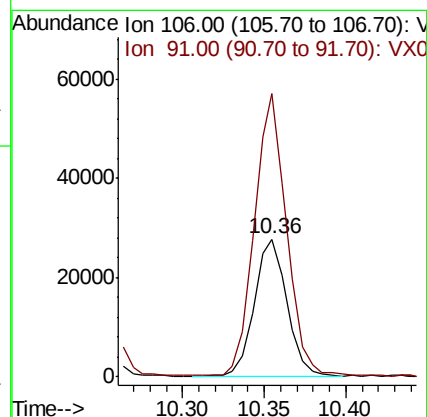
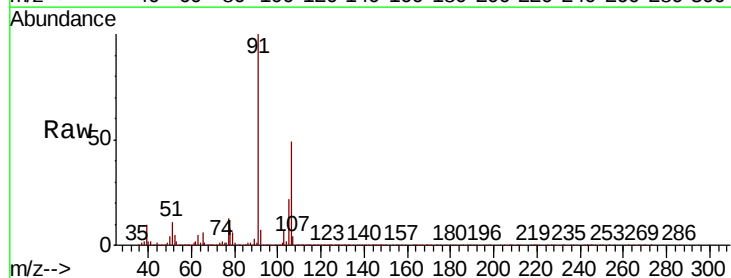
Acq: 05 Mar 2020 11:56

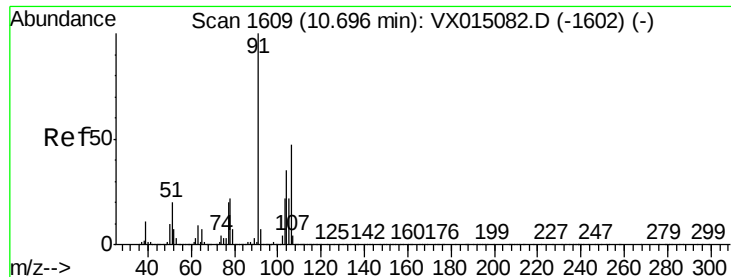
Tgt Ion: 106 Resp: 38566

Ion Ratio Lower Upper

106 100

91 201.5 159.4 239.2

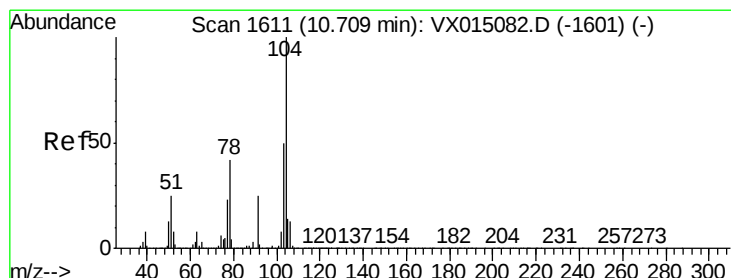
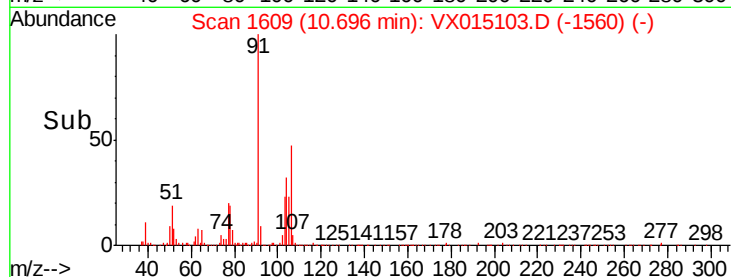
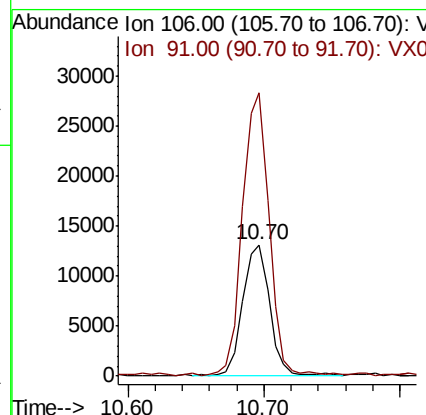
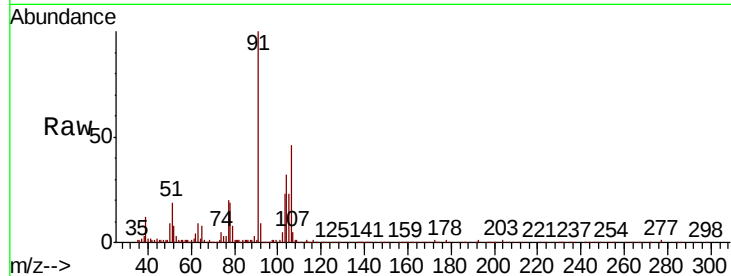




#69
o-Xylene
Concen: 2.568 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015103.D
Acq: 05 Mar 2020 11:56

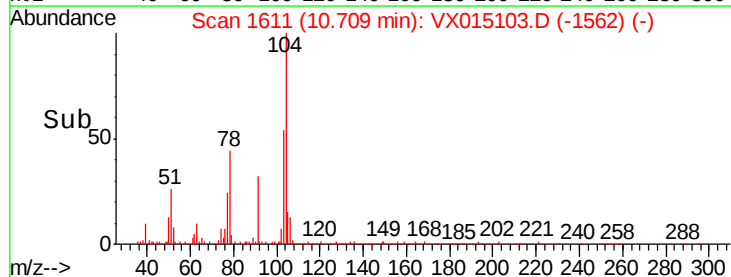
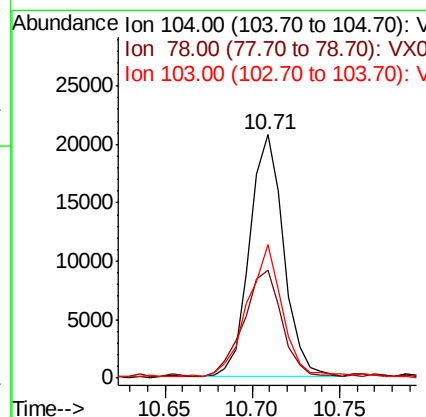
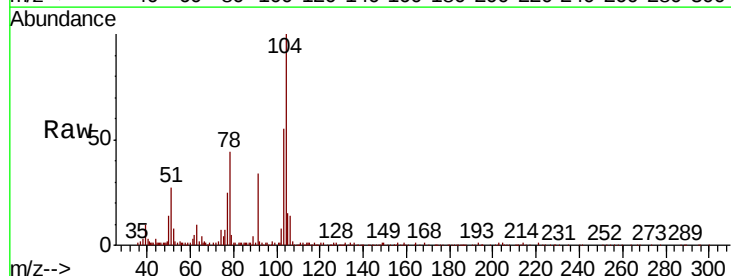
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

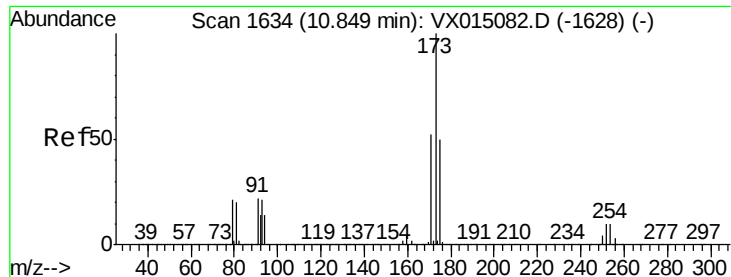
Tot Ion:106 Resp: 18105
Ion Ratio Lower Upper
106 100
91 212.6 105.4 316.1



#70
Styrene
Concen: 2.330 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX015103.D
Acq: 05 Mar 2020 11:56

Tgt Ion:104 Resp: 28169
Ion Ratio Lower Upper
104 100
78 49.3 39.0 58.4
103 57.4 43.7 65.5





#71

Bromoform

Concen: 2.264 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.01 min

Lab File: VX015103.D

Acq: 05 Mar 2020 11:56

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

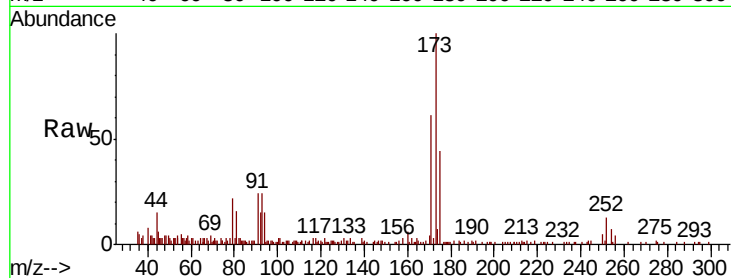
Tot Ion:173 Resp: 7546

Ion Ratio Lower Upper

173 100

175 51.4 24.9 74.7

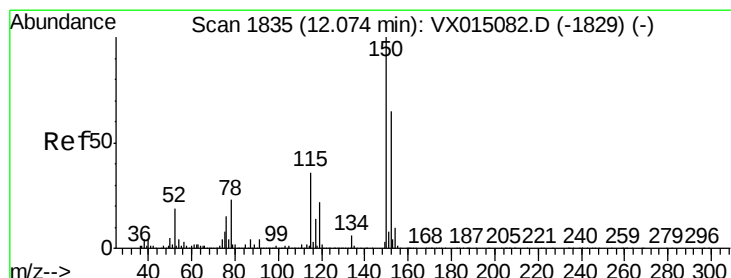
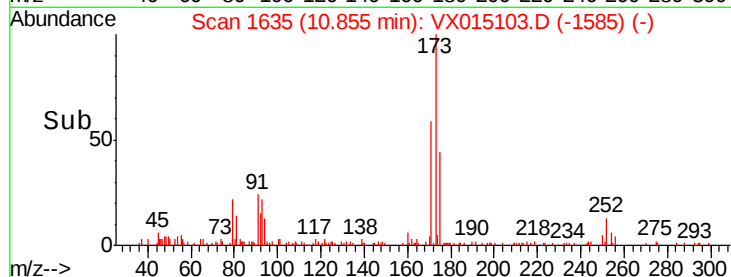
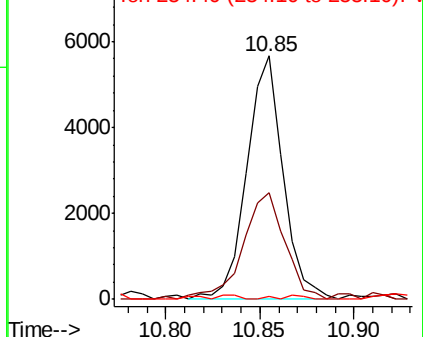
254 1.2 0.2 0.2#



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: VX015103.D

Acq: 05 Mar 2020 11:56

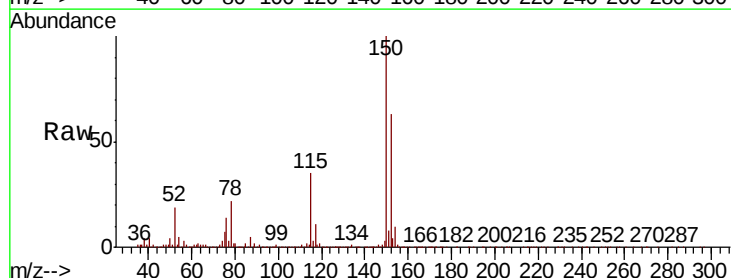
Tgt Ion:152 Resp: 289218

Ion Ratio Lower Upper

152 100

115 56.7 38.2 114.6

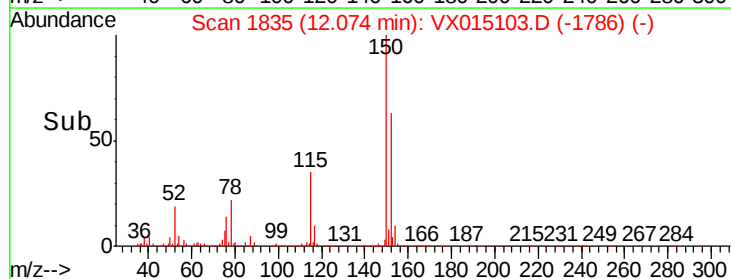
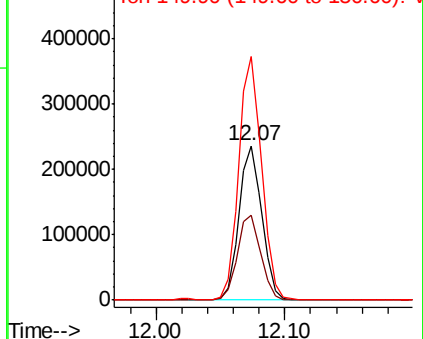
150 158.2 0.0 343.8

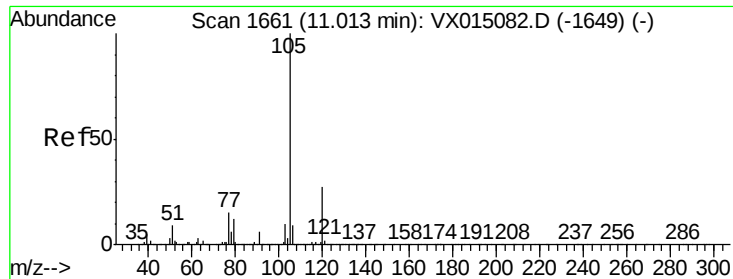


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 2.590 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX015103.D

Acq: 05 Mar 2020 11:56

Instrument :

MSVOA_X

ClientSampleId :

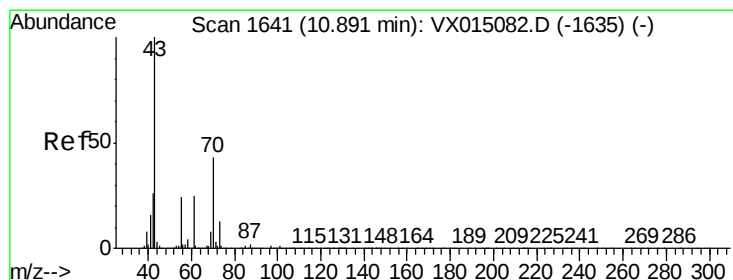
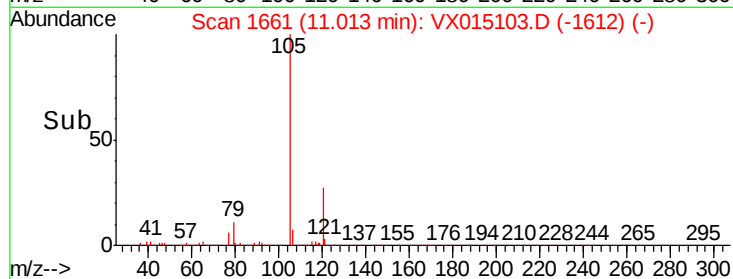
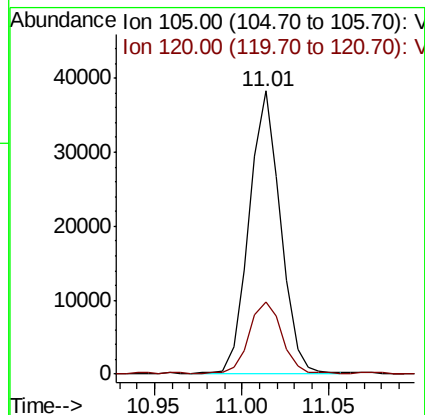
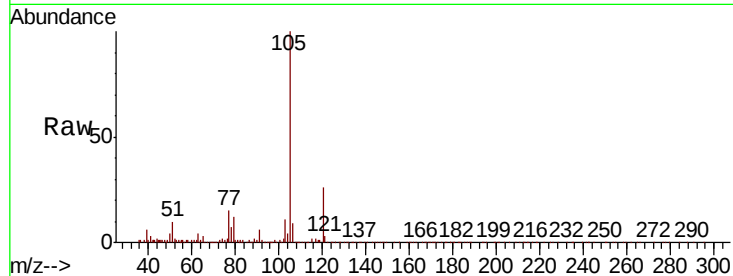
LOD-MDL-WATER-01-QT1-2020

Tot Ion:105 Resp: 47858

Ion Ratio Lower Upper

105 100

120 27.3 13.5 40.5



#74

N-ethyl acetate

Concen: 2.349 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX015103.D

Acq: 05 Mar 2020 11:56

Tgt Ion: 43 Resp: 18290

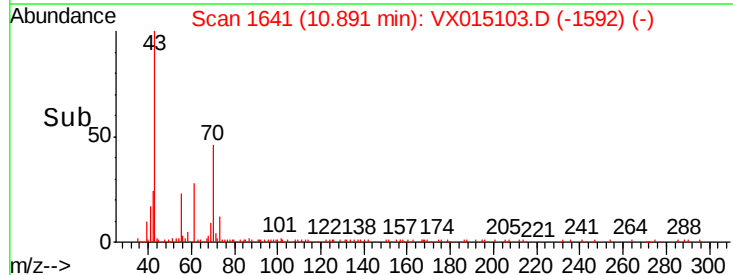
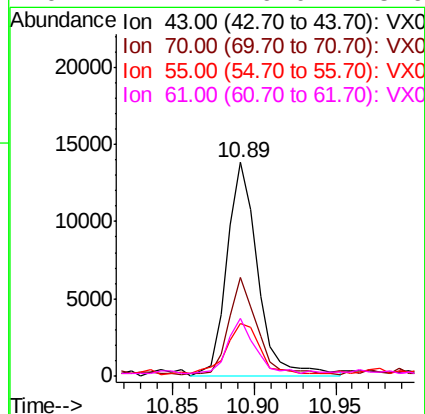
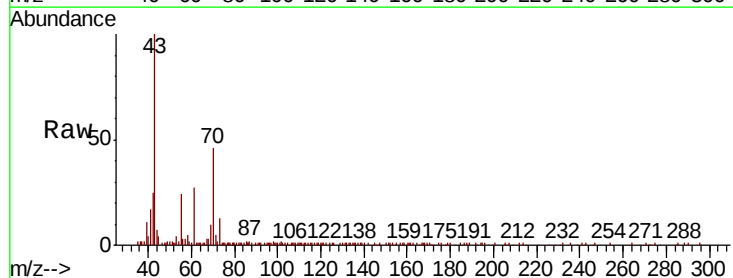
Ion Ratio Lower Upper

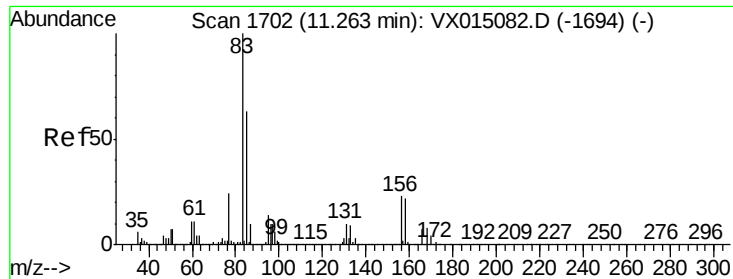
43 100

70 41.5 34.7 52.1

55 27.6 19.4 29.0

61 22.7 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 2.612 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX015103.D

Acq: 05 Mar 2020 11:56

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

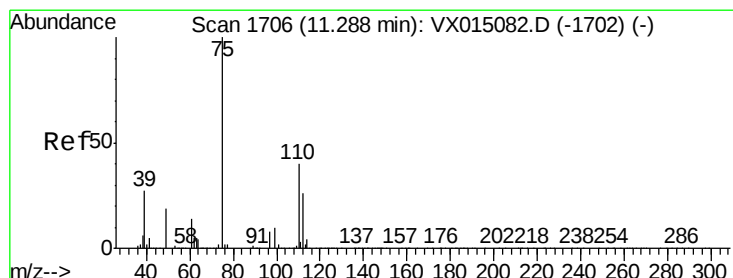
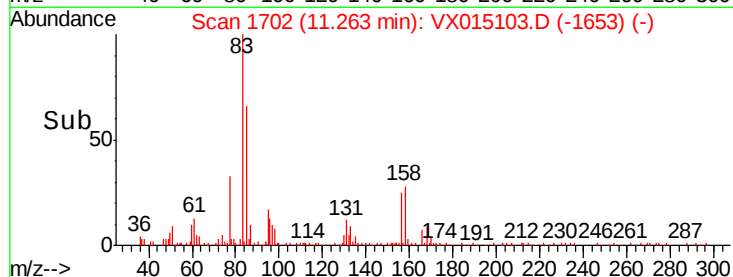
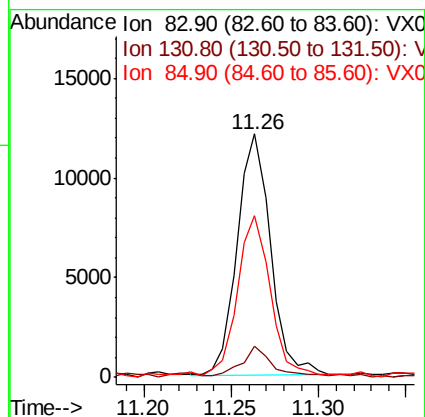
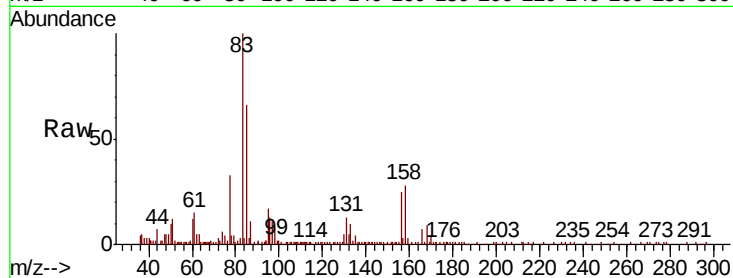
Tot Ion: 83 Resp: 16084

Ion Ratio Lower Upper

83 100

131 10.8 5.0 14.9

85 63.7 31.9 95.9



#76

1,2,3-Trichloropropane

Concen: 2.885 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX015103.D

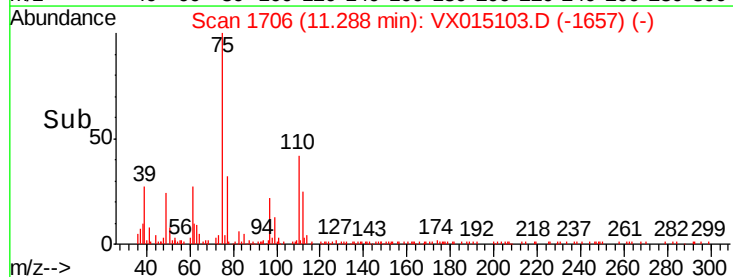
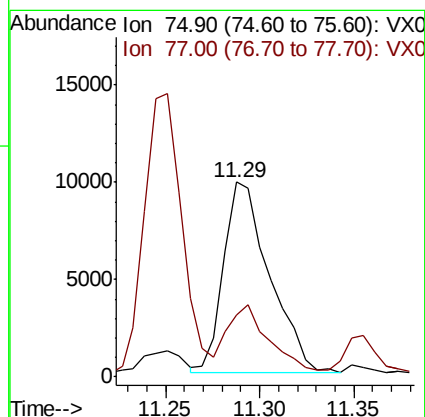
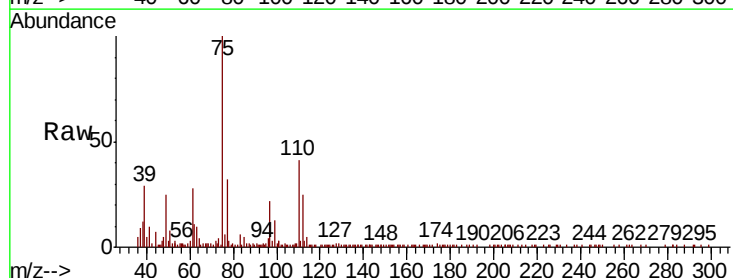
Acq: 05 Mar 2020 11:56

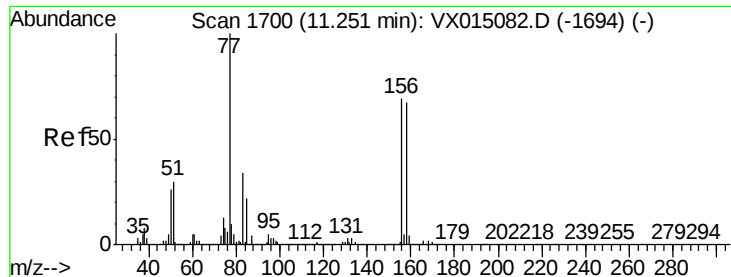
Tgt Ion: 75 Resp: 16642

Ion Ratio Lower Upper

75 100

77 33.5 22.6 67.8





#77

Bromobenzene

Concen: 2.739 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX015103.D

Acq: 05 Mar 2020 11:56

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

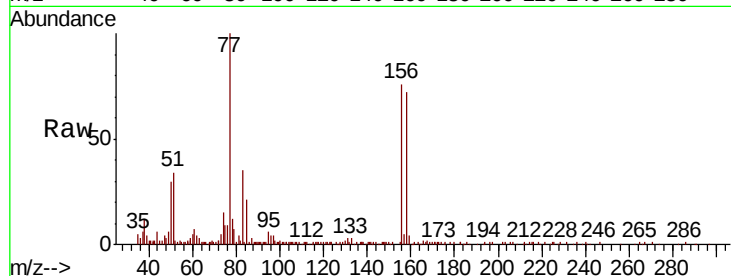
Tot Ion:156 Resp: 14104

Ion Ratio Lower Upper

156 100

77 145.2 75.3 225.9

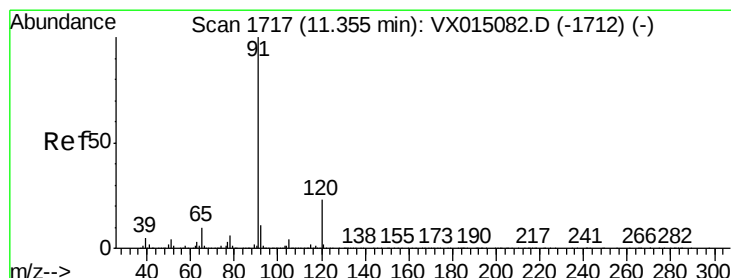
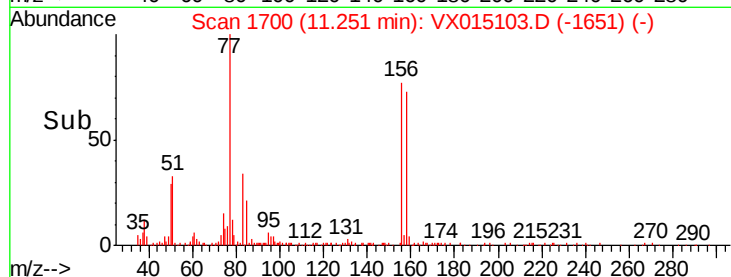
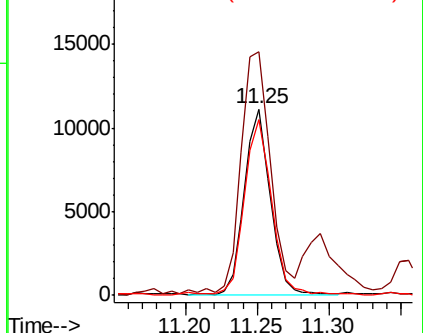
158 96.1 48.5 145.6



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: 2.704 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX015103.D

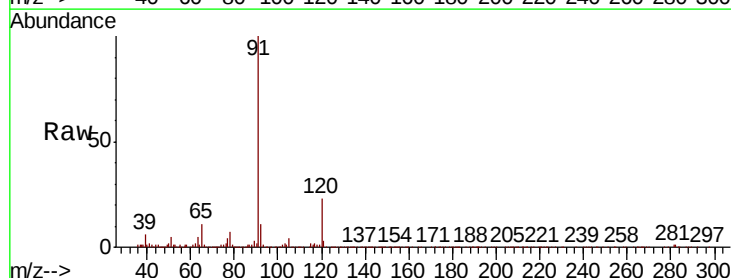
Acq: 05 Mar 2020 11:56

Tgt Ion: 91 Resp: 57071

Ion Ratio Lower Upper

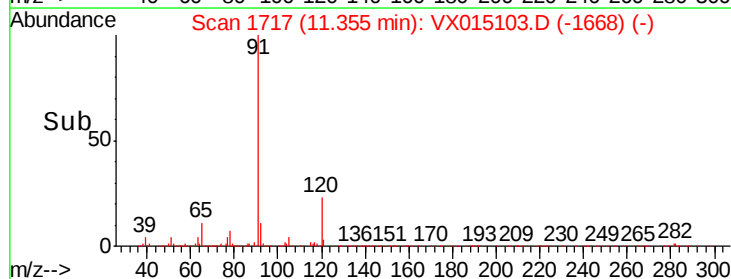
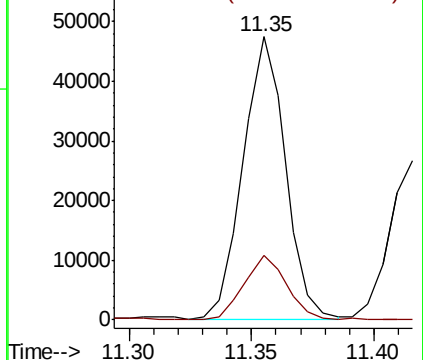
91 100

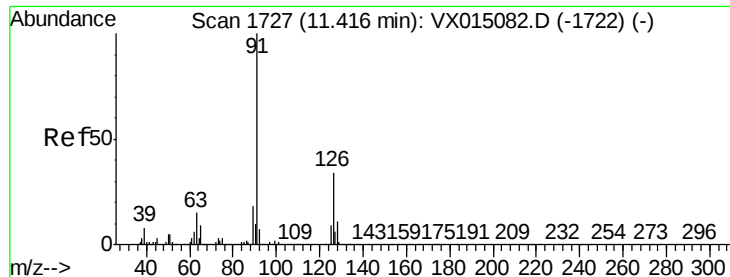
120 23.0 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 2.702 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX015103.D

Acq: 05 Mar 2020 11:56

Instrument :

MSVOA_X

ClientSampleId :

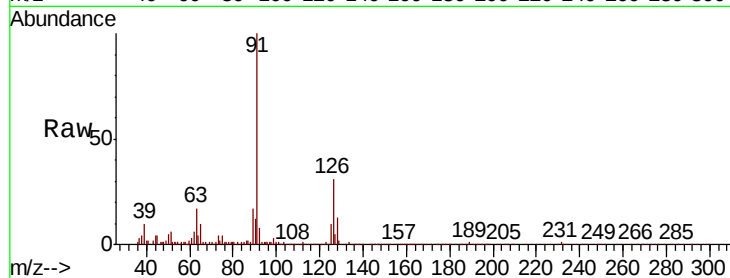
LOD-MDL-WATER-01-QT1-2020

Tot Ion: 91 Resp: 34058

Ion Ratio Lower Upper

91 100

126 33.6 17.3 52.0



Abundance Ion 91.00 (90.70 to 91.70): VX015103.D (-1678) (-)

Ion 125.90 (125.60 to 126.60): VX015103.D (-1678) (-)

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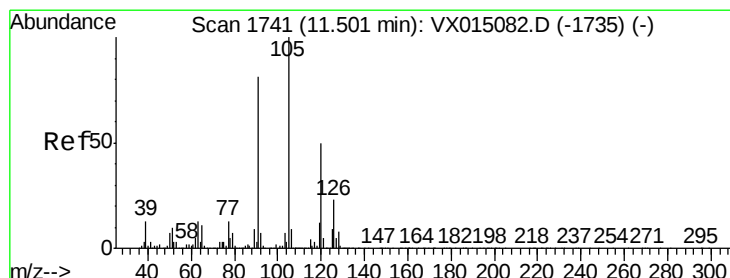
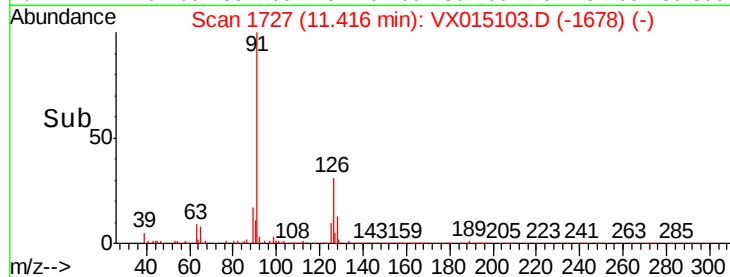
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#80

1,3,5-Trimethylbenzene

Concen: 2.574 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX015103.D

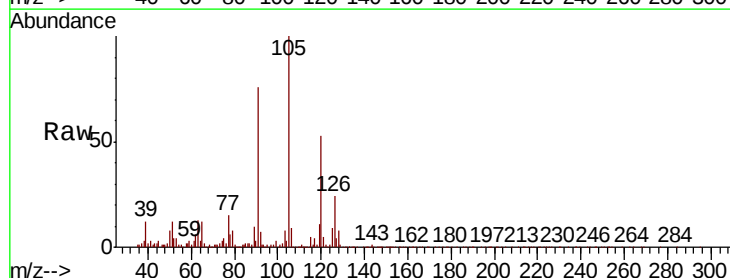
Acq: 05 Mar 2020 11:56

Tgt Ion: 105 Resp: 39594

Ion Ratio Lower Upper

105 100

120 50.9 25.1 75.4



Abundance Ion 105.00 (104.70 to 105.70): VX015103.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX015103.D (-1692) (-)

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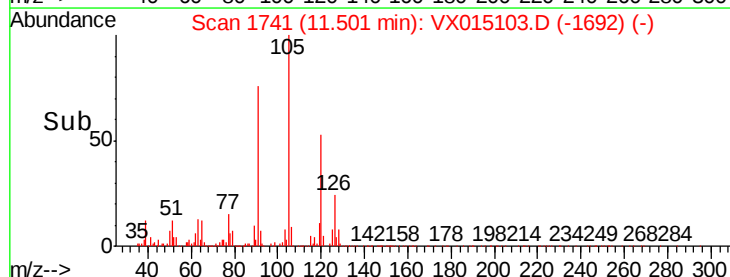
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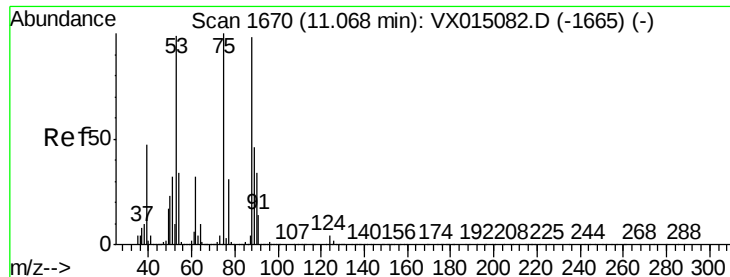
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#81

trans-1,4-Dichloro-2-butene

Concen: 66.135 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.06 min

Lab File: VX015103.D

Acq: 05 Mar 2020 11:56

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

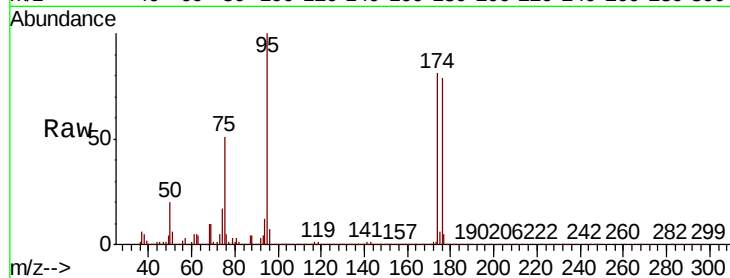
Tot Ion: 75 Resp: 134437

Ion Ratio Lower Upper

75 100

53 0.0 77.9 116.9#

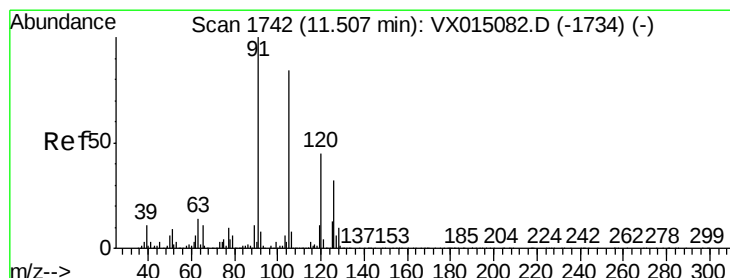
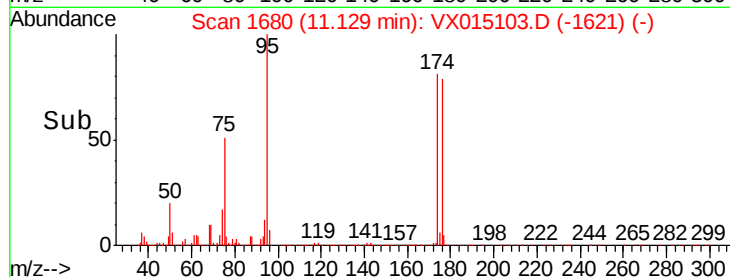
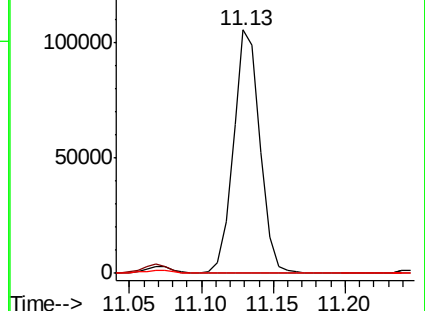
89 0.1 36.2 54.2#



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: 2.606 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX015103.D

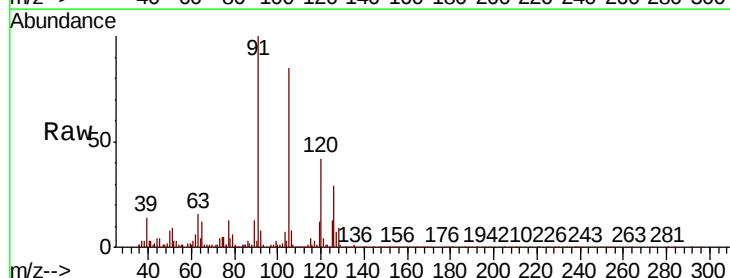
Acq: 05 Mar 2020 11:56

Tgt Ion: 91 Resp: 38806

Ion Ratio Lower Upper

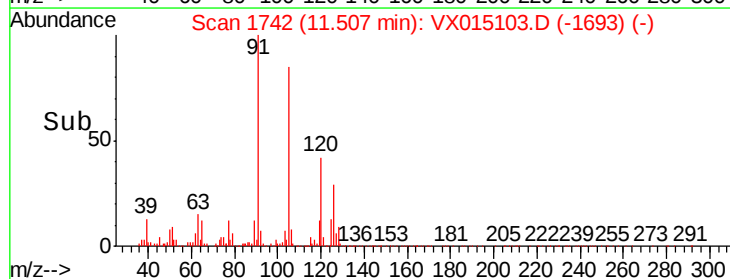
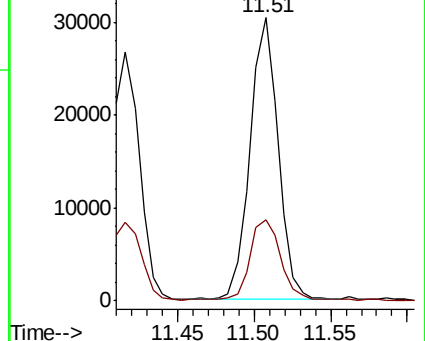
91 100

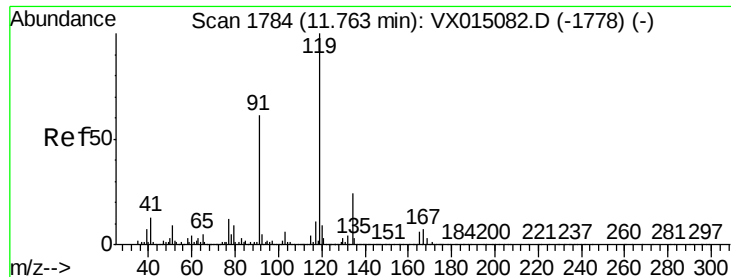
126 30.3 15.4 46.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

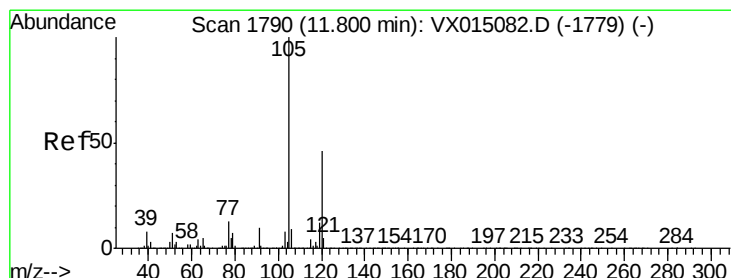
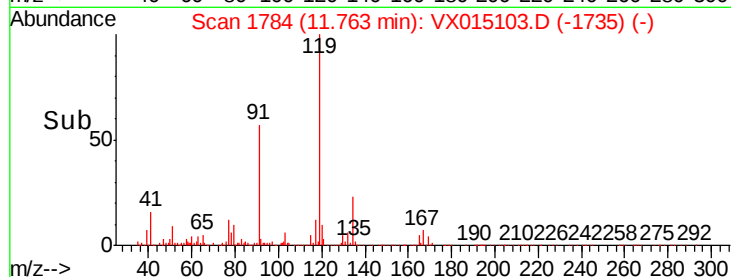
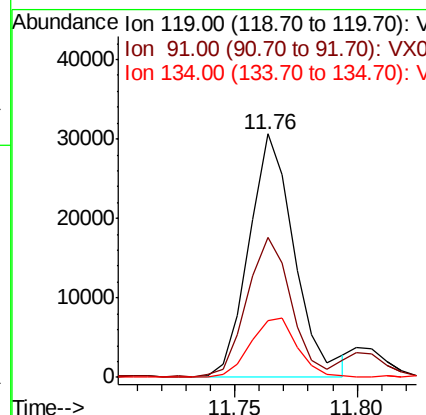
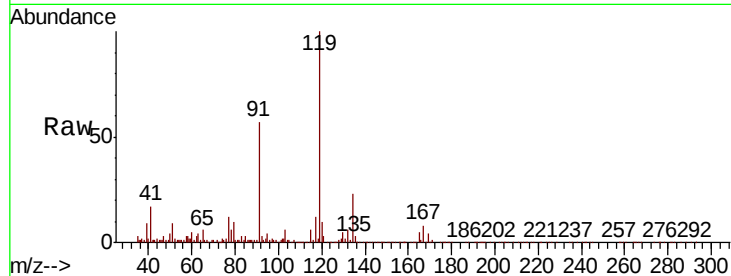




#83
tert-Butylbenzene
Concen: 2.663 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX015103.D
Acq: 05 Mar 2020 11:56

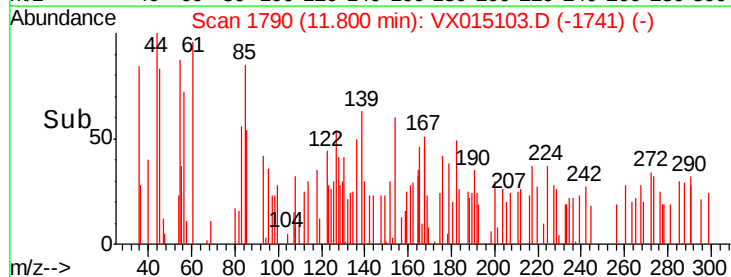
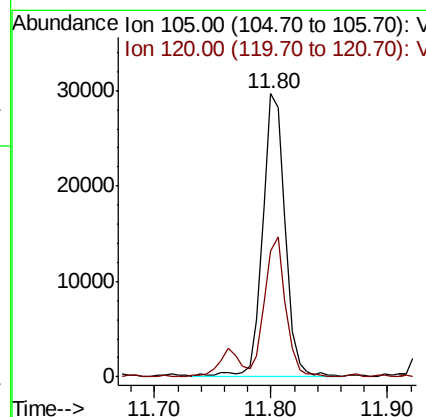
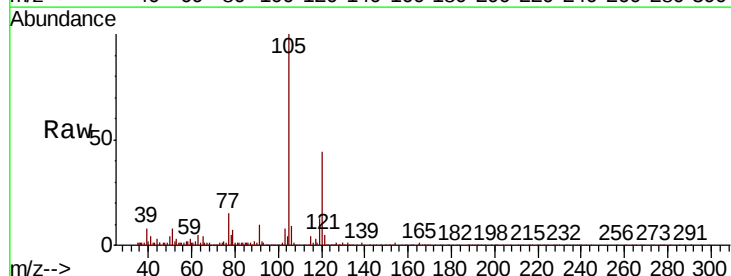
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

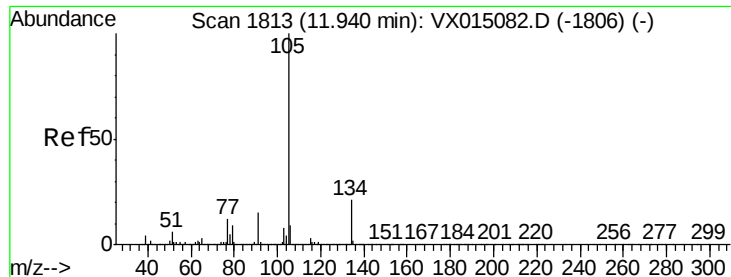
Tot Ion:119 Resp: 39600
Ion Ratio Lower Upper
119 100
91 55.6 28.5 85.6
134 24.7 11.9 35.7



#84
1,2,4-Trimethylbenzene
Concen: 2.596 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX015103.D
Acq: 05 Mar 2020 11:56

Tgt Ion:105 Resp: 40118
Ion Ratio Lower Upper
105 100
120 45.7 22.9 68.5

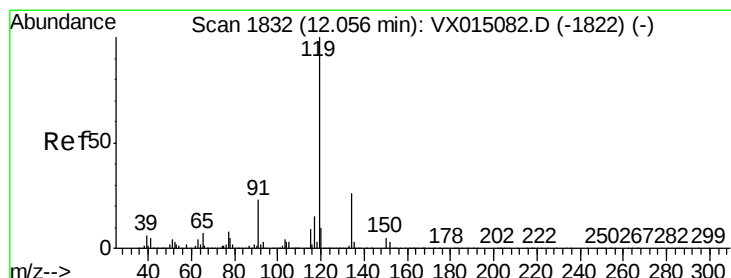
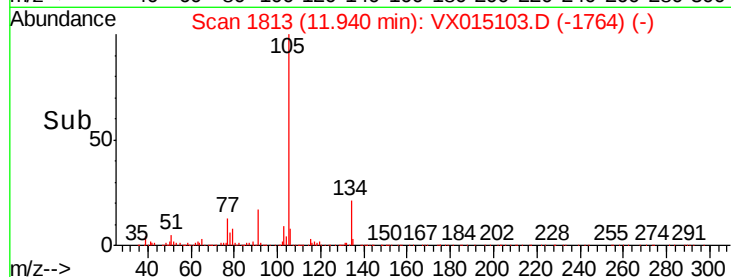
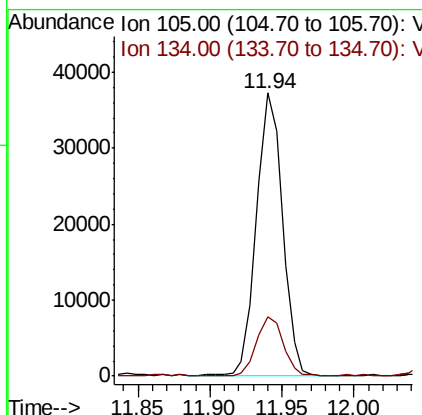
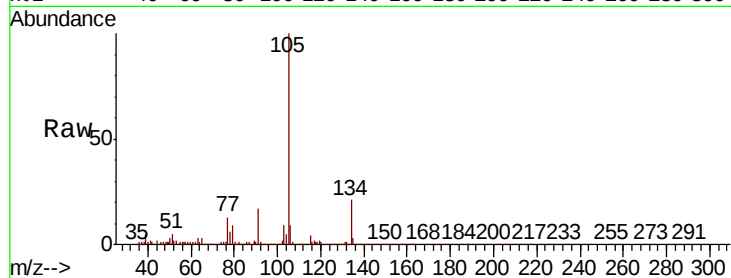




#85
 sec-Butylbenzene
 Concen: 2.579 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX015103.D
 Acq: 05 Mar 2020 11:56

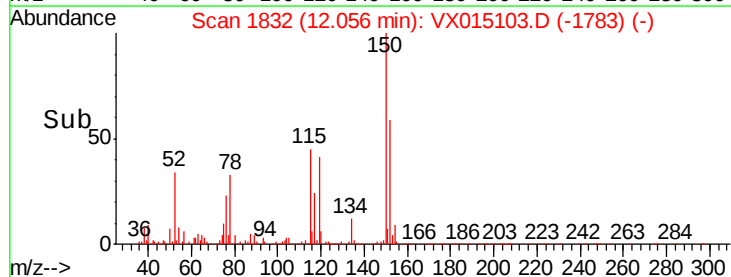
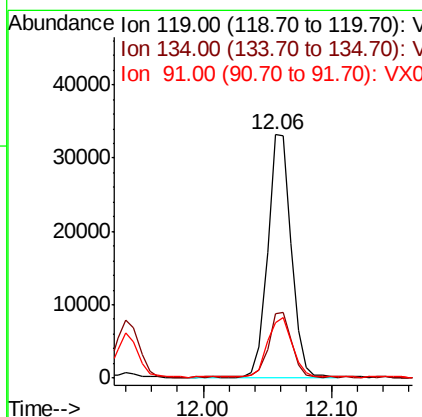
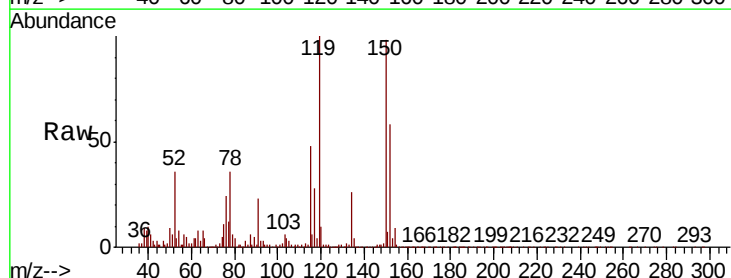
Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2020

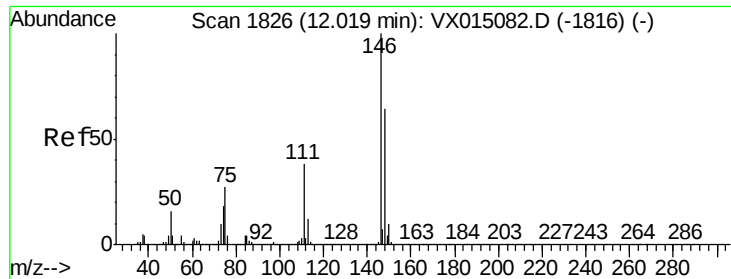
Tot Ion:105 Resp: 46299
 Ion Ratio Lower Upper
 105 100
 134 21.8 10.4 31.2



#86
 p-Isopropyltoluene
 Concen: 2.595 ug/l
 RT: 12.06 min Scan# 1832
 Delta R.T. 0.00 min
 Lab File: VX015103.D
 Acq: 05 Mar 2020 11:56

Tgt Ion:119 Resp: 42928
 Ion Ratio Lower Upper
 119 100
 134 25.6 13.4 40.1
 91 26.0 11.3 33.8





#87

1,3-Dichlorobenzene

Concen: 2.803 ug/l

RT: 12.02 min Scan# 1826

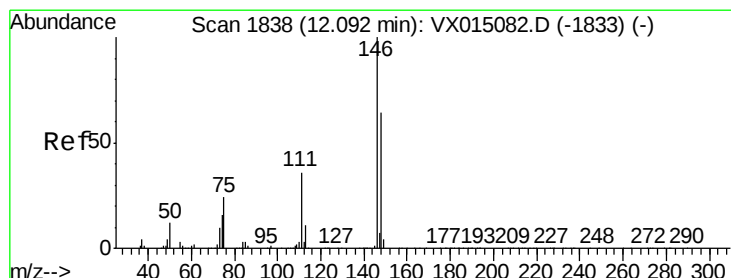
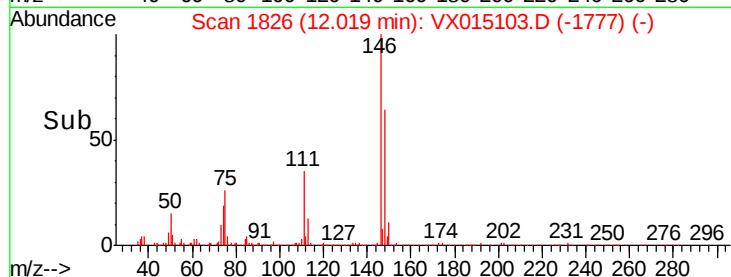
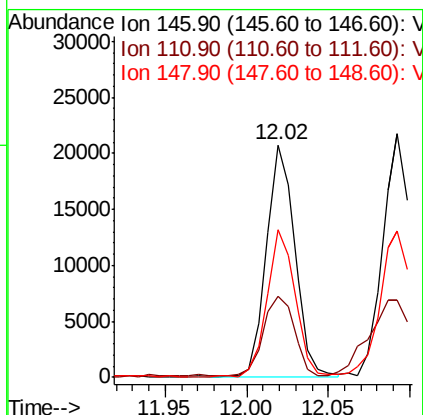
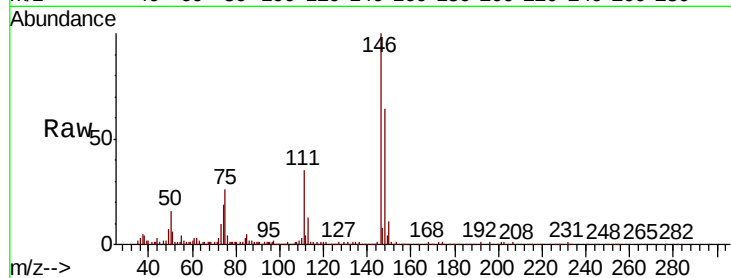
Delta R.T. 0.00 min

Lab File: VX015103.D

Acq: 05 Mar 2020 11:56

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

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.4	19.1	57.1
148	63.0	31.9	95.5



#88

1,4-Dichlorobenzene

Concen: 2.861 ug/l

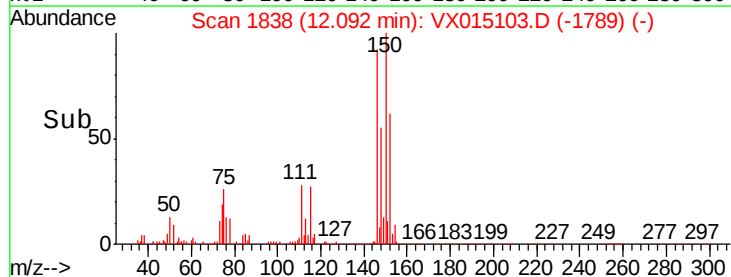
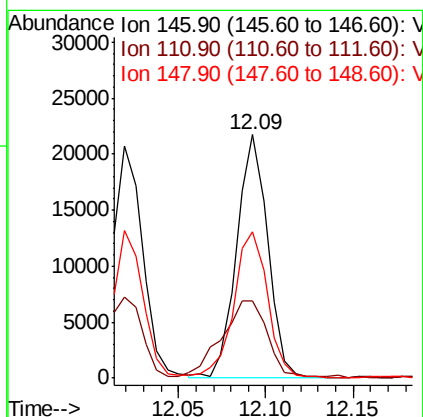
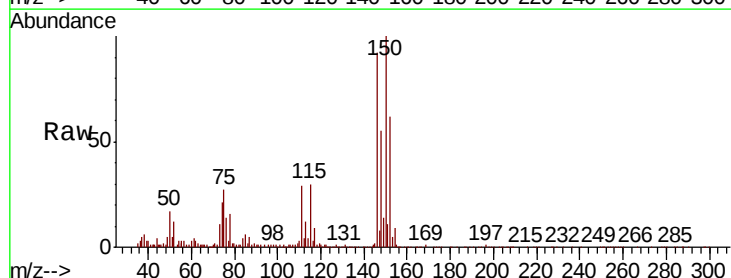
RT: 12.09 min Scan# 1838

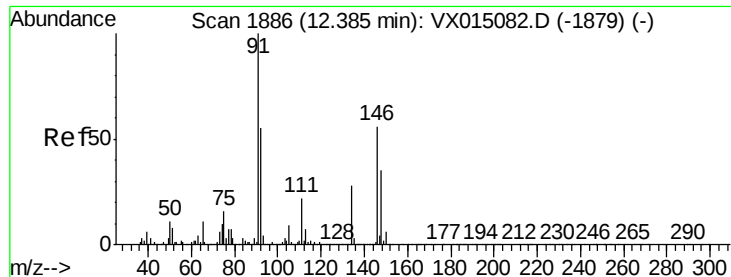
Delta R.T. 0.00 min

Lab File: VX015103.D

Acq: 05 Mar 2020 11:56

Tgt Ion	Ratio	Lower	Upper
146	100		
111	45.9	18.7	56.1
148	65.5	32.5	97.4

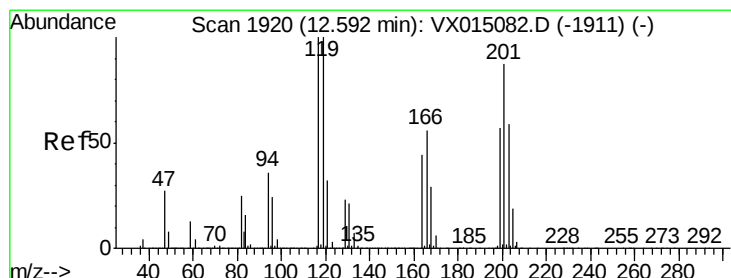
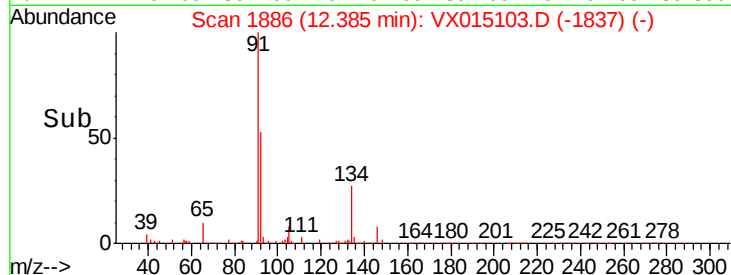
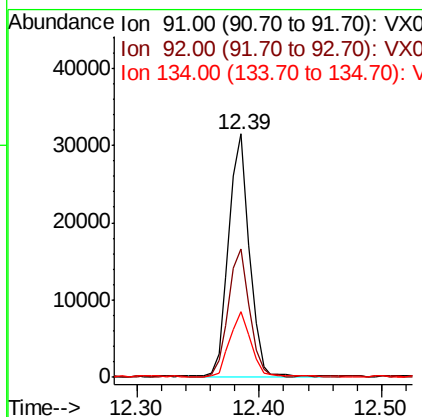
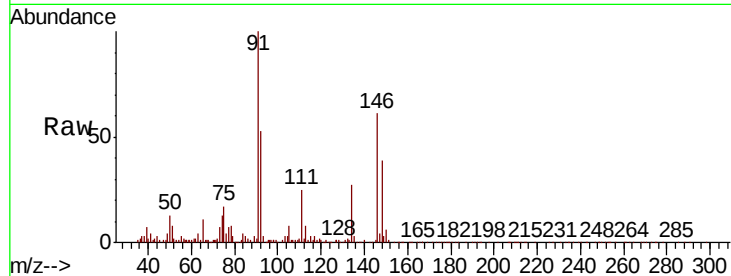




#89
n-Butylbenzene
Concen: 2.483 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX015103.D
Acq: 05 Mar 2020 11:56

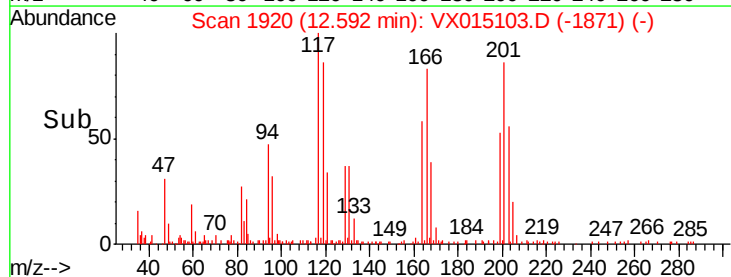
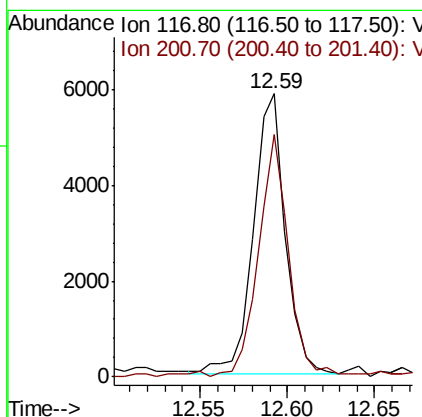
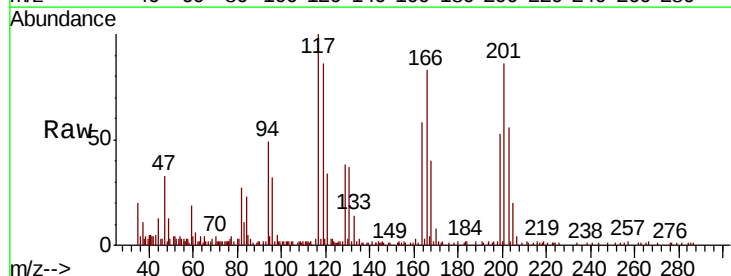
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

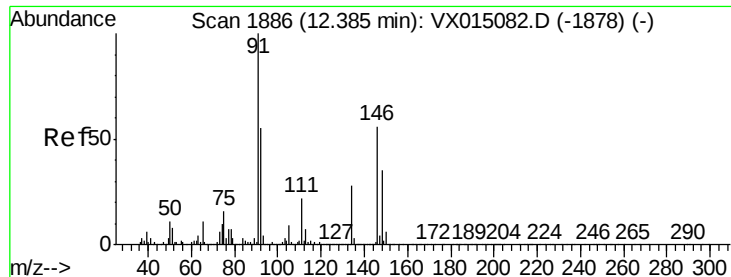
Tot Ion: 91 Resp: 36532
Ion Ratio Lower Upper
91 100
92 53.9 27.2 81.6
134 27.3 13.5 40.5



#90
Hexachloroethane
Concen: 2.373 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX015103.D
Acq: 05 Mar 2020 11:56

Tgt Ion: 117 Resp: 7421
Ion Ratio Lower Upper
117 100
201 82.8 43.5 130.7





#91

1,2-Dichlorobenzene

Concen: 2.732 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX015103.D

Acq: 05 Mar 2020 11:56

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

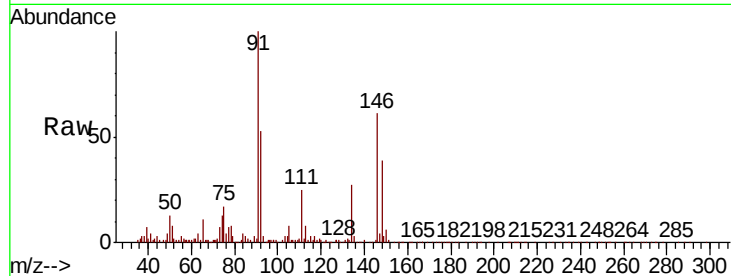
Tot Ion:146 Resp: 24586

Ion Ratio Lower Upper

146 100

111 41.8 19.9 59.7

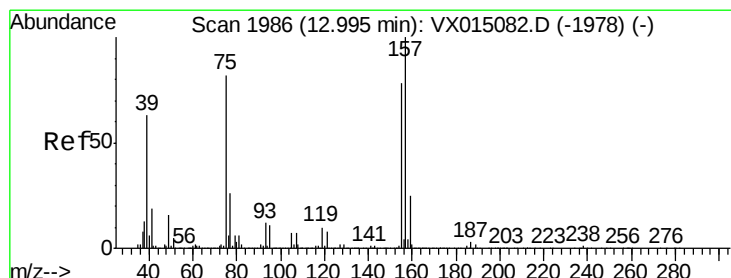
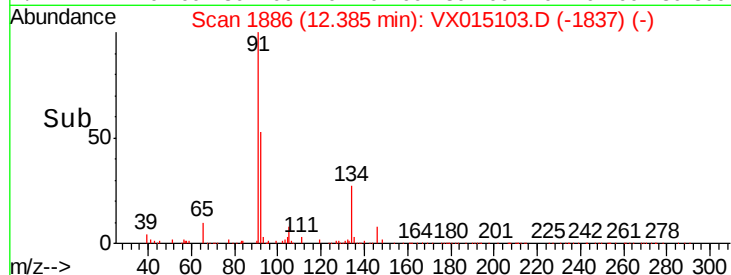
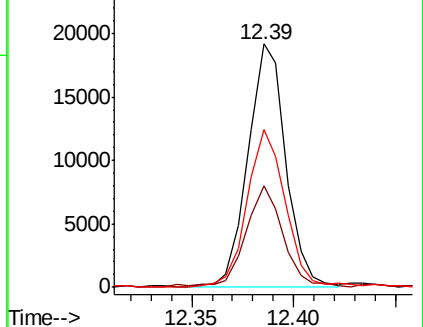
148 66.4 32.3 96.8



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 2.843 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX015103.D

Acq: 05 Mar 2020 11:56

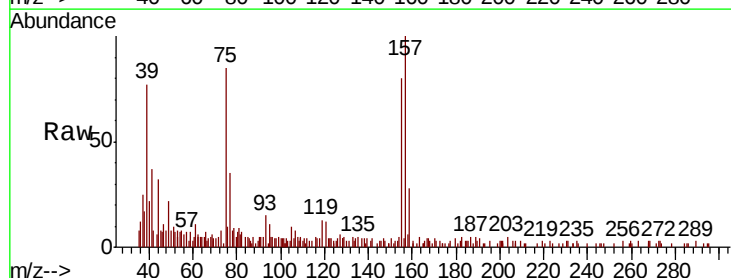
Tgt Ion: 75 Resp: 3505

Ion Ratio Lower Upper

75 100

155 83.4 46.6 139.7

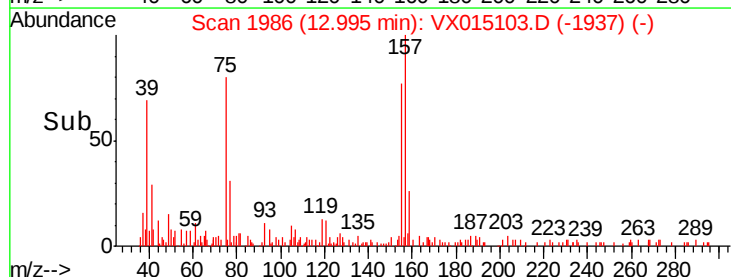
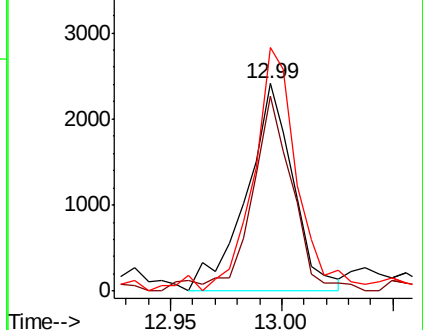
157 109.6 59.2 177.5

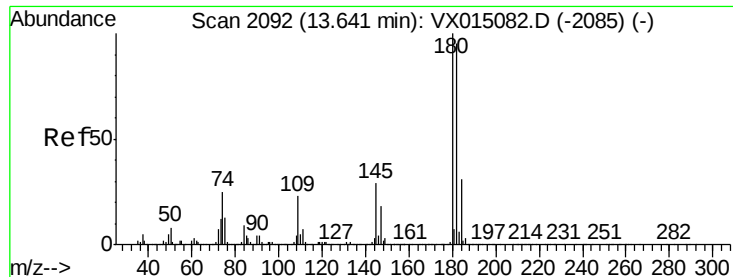


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

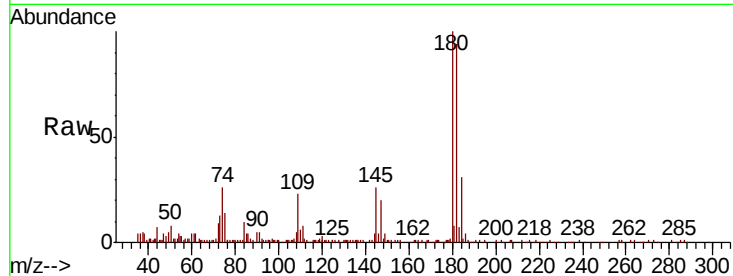




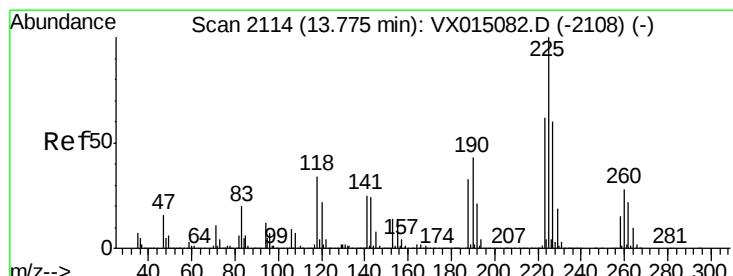
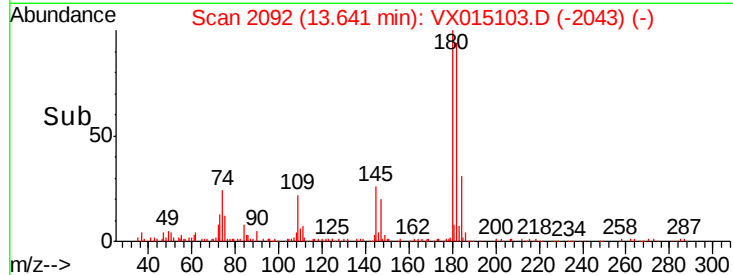
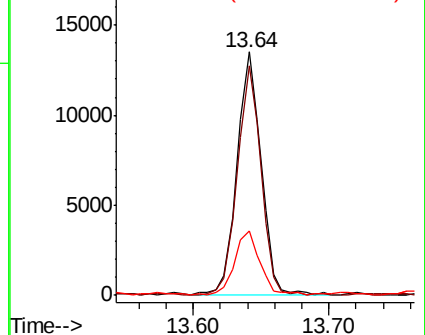
#93
 1,2,4-Trichlorobenzene
 Concen: 2.699 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX015103.D
 Acq: 05 Mar 2020 11:56

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

Tot Ion	Ratio	Lower	Upper
180	100		
182	91.6	47.6	142.8
145	28.0	14.1	42.2

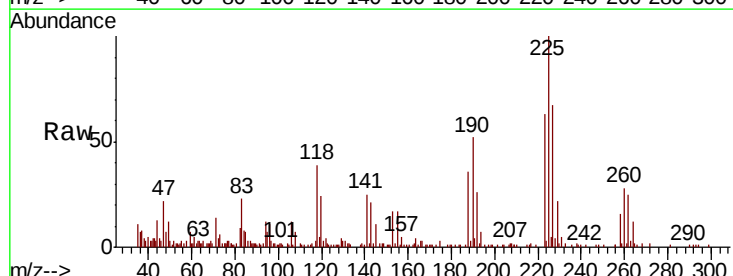


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

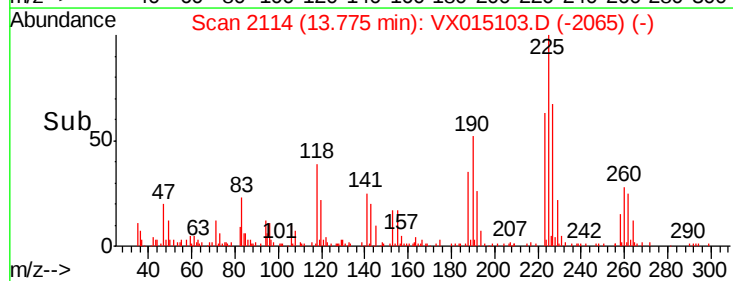
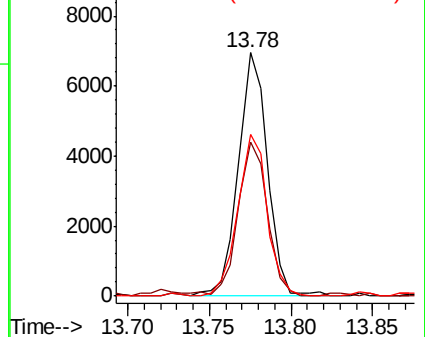


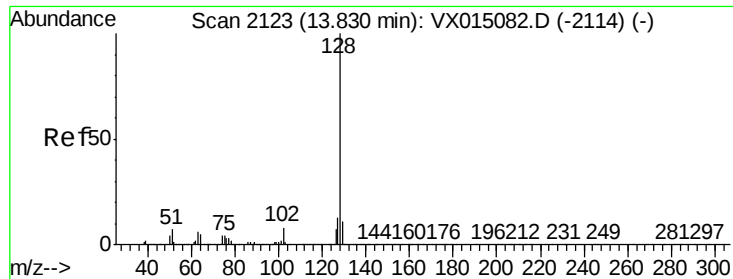
#94
 Hexachlorobutadiene
 Concen: 2.713 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX015103.D
 Acq: 05 Mar 2020 11:56

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.5	31.3	93.9
227	66.8	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

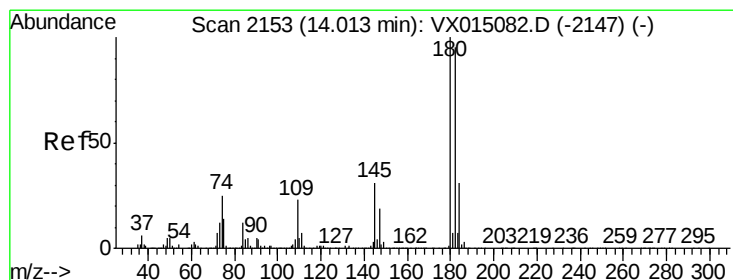
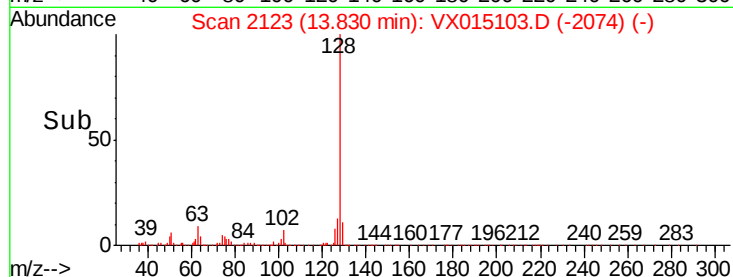
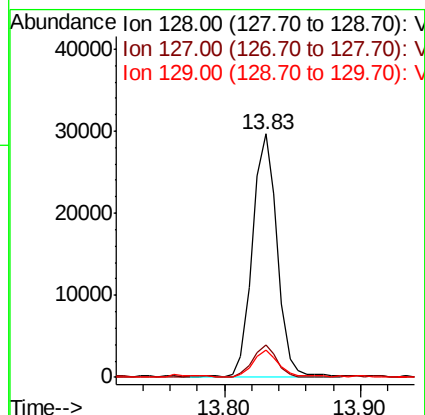
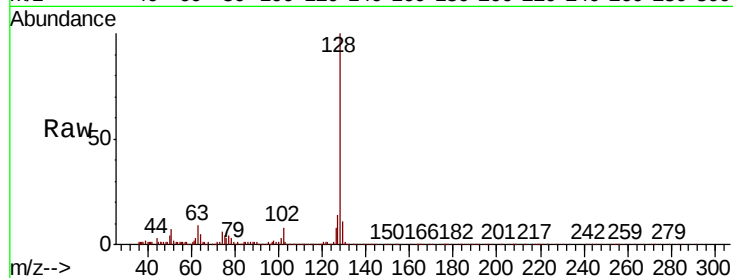




#95
Naphthalene
Concen: 2.217 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX015103.D
Acq: 05 Mar 2020 11:56

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

Tot Ion:128 Resp: 37846
Ion Ratio Lower Upper
128 100
127 13.3 10.3 15.5
129 11.6 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 2.583 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX015103.D
Acq: 05 Mar 2020 11:56

Tgt Ion:180 Resp: 16098
Ion Ratio Lower Upper
180 100
182 100.1 47.8 143.4
145 34.2 15.1 45.3

