

Data File : VX015236.D
Acq On : 12 Mar 2020 15:44
Operator : JC/SP
Sample : L1161-07 2.5PPB LOD
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Mar 13 03:36:44 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X031220W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Mar 12 14:12:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.00	128	46587	30.00	ug/l	-0.01
28) 1,4-Difluorobenzene	6.85	114	253283	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	230626	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	93276	29.68	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	98.93%
60) 4-Bromofluorobenzene	11.13	95	105491	28.73	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	95.77%
63) Toluene-d8	8.71	98	302719	30.64	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	102.13%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.19	85	6420	2.740 ug/l	99
3) Chloromethane	1.31	50	9291	2.747 ug/l	96
4) Vinyl Chloride	1.40	62	9365	2.721 ug/l	90
5) Bromomethane	1.65	94	6843	3.051 ug/l	94
6) Chloroethane	1.72	64	5794	2.680 ug/l	98
7) Trichlorofluoromethane	1.92	101	10904	2.485 ug/l	94
8) Diethyl Ether	2.18	74	4999	2.570 ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.38	101	7301	2.713 ug/l	97
10) 1,1-Dichloroethene	2.36	96	7541	2.779 ug/l	81
11) Methyl Iodide	2.50	142	5669	2.031 ug/l	91
12) Methyl Acetate	2.76	43	7944	2.373 ug/l	96
13) Acrolein	2.29	56	7599	14.377 ug/l	100
14) Acrylonitrile	3.13	53	18324	11.798 ug/l	97
15) Acetone	2.44	58	5642	12.380 ug/l	84
16) Carbon Disulfide	2.56	76	20140	2.651 ug/l	98
17) Allyl chloride	2.72	41	11635	2.311 ug/l	94
18) Methylene Chloride	2.85	84	8390	2.736 ug/l #	94
19) trans-1,2-Dichloroethene	3.16	96	7846	2.681 ug/l	94
20) Diisopropyl ether	3.84	45	23341	2.334 ug/l	96
21) 1,1-Dichloroethane	3.69	63	12814	2.419 ug/l	98
22) cis-1,2-Dichloroethene	4.59	96	8078	2.442 ug/l	93
23) tert-Butyl Alcohol	3.05	59	9518	15.674 ug/l #	97
24) Methyl tert-Butyl Ether	3.19	73	21080	2.405 ug/l	100
25) Chloroform	5.20	83	12416	2.464 ug/l	95
26) Cyclohexane	5.57	56	8251	1.676 ug/l #	60
29) 1,1-Dichloropropene	5.79	75	9808	2.523 ug/l	98
30) 2-Butanone	4.66	43	23844	11.456 ug/l	98
31) 2,2-Dichloropropane	4.57	77	9807	2.456 ug/l	92
32) 1,1,1-Trichloroethane	5.48	97	5428	1.283 ug/l #	26
33) Carbon Tetrachloride	5.76	117	5579	1.541 ug/l	94
34) Benzene	6.14	78	29245	2.483 ug/l	97
35) Methacrylonitrile	5.03	41	4566	2.029 ug/l	93
37) Trichloroethene	7.20	130	8612	2.644 ug/l	97
38) Methylcyclohexane	7.45	83	12090	2.560 ug/l	97
39) 1,2-Dichloropropane	7.51	63	8126	2.671 ug/l	99
40) Dibromomethane	7.65	93	5291	2.736 ug/l	99
41) Bromodichloromethane	7.89	83	10222	2.673 ug/l #	80

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

Quant Time: Mar 13 03:36:44 2020
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Mar 12 14:12:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Vinyl Acetate	3.81	43	94292	11.488	ug/l	99
43) Ethyl Acetate	4.82	43	9133	2.313	ug/l #	88
45) 1,4-Dioxane	7.75	88	3627	55.284	ug/l #	87
46) Methyl methacrylate	7.76	41	7797	2.367	ug/l	93
47) n-amyl Acetate	10.89	43	11006	1.836	ug/l	100
48) t-1,3-Dichloropropene	9.04	75	9183	2.208	ug/l	98
49) cis-1,3-Dichloropropene	8.43	75	10517	2.227	ug/l #	92
50) 1,1,2-Trichloroethane	9.21	97	6380	2.231	ug/l	93
51) Ethyl methacrylate	9.17	69	9452	2.119	ug/l	91
52) 1,3-Dichloropropane	9.36	76	12496	2.582	ug/l	99
53) Dibromochloromethane	9.57	129	7018	2.305	ug/l	93
54) 1,2-Dibromoethane	9.67	107	7871	2.668	ug/l	93
55) 2-Chloroethyl vinyl ether	8.30	63	24385	10.913	ug/l	97
56) Bromoform	10.85	173	4862	2.036	ug/l #	91
58) 4-Methyl-2-Pentanone	8.63	43	46047	11.728	ug/l	97
59) 2-Hexanone	9.48	43	31251	10.531	ug/l	99
61) Tetrachloroethene	9.32	164	8118	2.529	ug/l	88
62) Toluene	8.78	91	30813	2.525	ug/l	98
64) Chlorobenzene	10.14	112	19902	2.552	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.21	131	7344	2.557	ug/l	97
66) Ethyl Benzene	10.25	91	32220	2.370	ug/l	95
67) m/p-Xylenes	10.35	106	23035	4.414	ug/l	95
68) o-Xylene	10.70	106	11466	2.292	ug/l	94
69) Styrene	10.71	104	18380	2.111	ug/l	94
70) Isopropylbenzene	11.01	105	31678	2.379	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.26	83	10393	2.404	ug/l	97
72) 1,2,3-Trichloropropane	11.29	75	10835	3.062	ug/l	82
73) Bromobenzene	11.25	156	8781	2.418	ug/l	96
74) n-propylbenzene	11.35	91	33710	2.143	ug/l	99
75) 2-Chlorotoluene	11.42	91	20547	2.237	ug/l	96
76) 1,3,5-Trimethylbenzene	11.50	105	26093	2.295	ug/l	97
77) t-1,4-Dichloro-2-butene	11.07	75	2546	1.718	ug/l	88
78) 4-Chlorotoluene	11.51	91	24541	2.320	ug/l	100
79) tert-butylbenzene	11.76	119	24028	2.254	ug/l	99
80) 1,2,4-Trimethylbenzene	11.80	105	24192	2.152	ug/l	100
81) sec-Butylbenzene	11.94	105	28527	2.157	ug/l	98
82) p-Isopropyltoluene	12.06	119	25366	2.085	ug/l	96
83) 1,3-Dichlorobenzene	12.02	146	15692	2.445	ug/l	98
84) 1,4-Dichlorobenzene	12.09	146	15481	2.412	ug/l	97
85) n-Butylbenzene	12.38	91	21227	1.991	ug/l	97
86) Hexachloroethane	12.59	117	4648	2.183	ug/l	93
87) 1,2-Dichlorobenzene	12.39	146	15146	2.421	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.99	75	2446	2.748	ug/l	85
89) 1,2,4-Trichlorobenzene	13.64	180	10718	2.317	ug/l	98
90) Hexachlorobutadiene	13.78	225	5898	2.479	ug/l	97
91) Naphthalene	13.83	128	23904	1.866	ug/l	99
92) 1,2,3-Trichlorobenzene	14.01	180	11397	2.448	ug/l	94

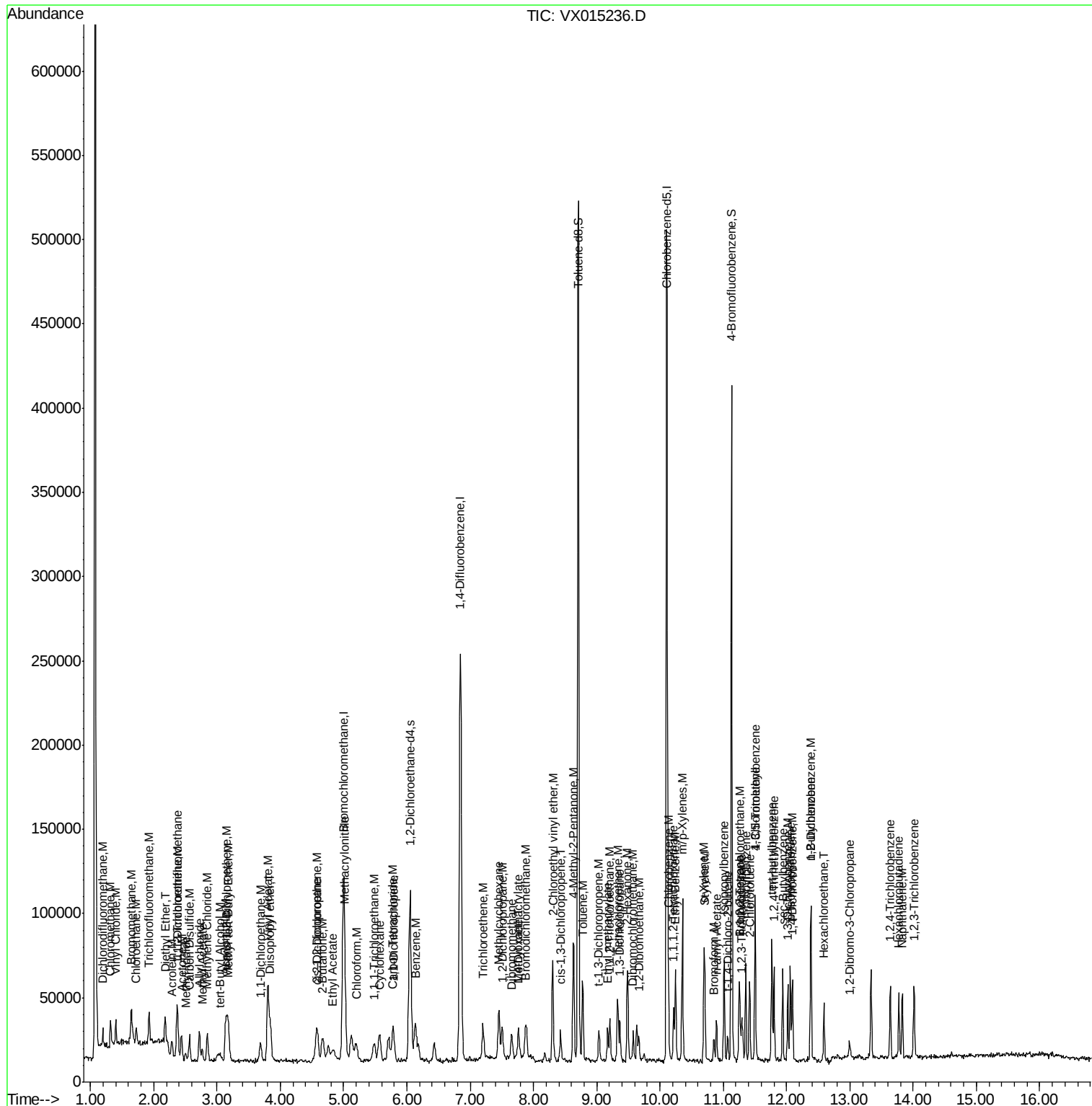
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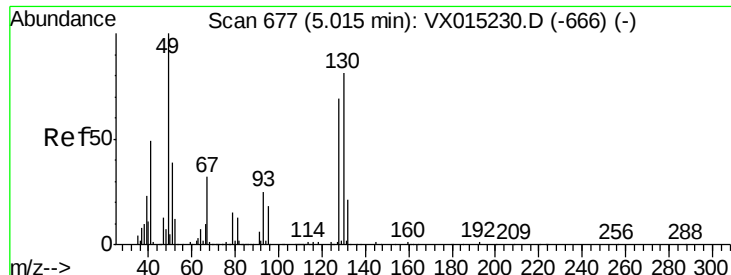
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ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

Quant Time: Mar 13 03:36:44 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\624X031220W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.00 min Scan# 675

Delta R.T. -0.01 min

Lab File: VX015236.D

Acq: 12 Mar 2020 15:44

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

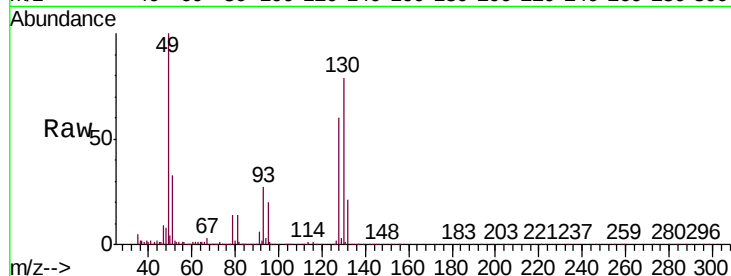
Tgt Ion:128 Resp: 46587

Ion Ratio Lower Upper

128 100

49 162.6 0.0 406.8

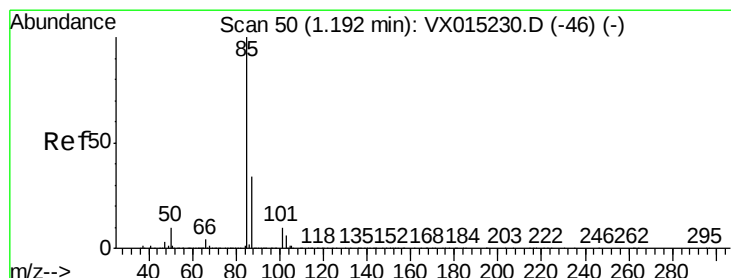
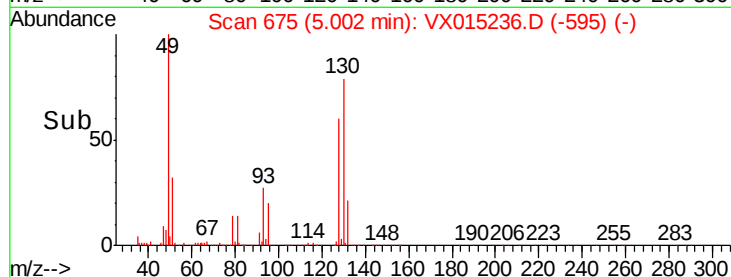
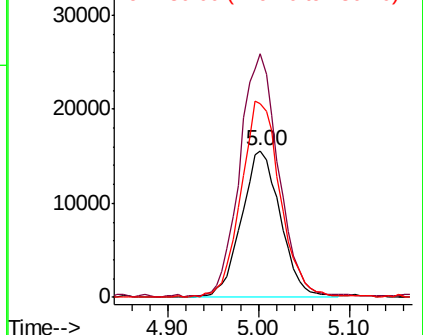
130 133.5 0.0 319.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 2.740 ug/l

RT: 1.19 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX015236.D

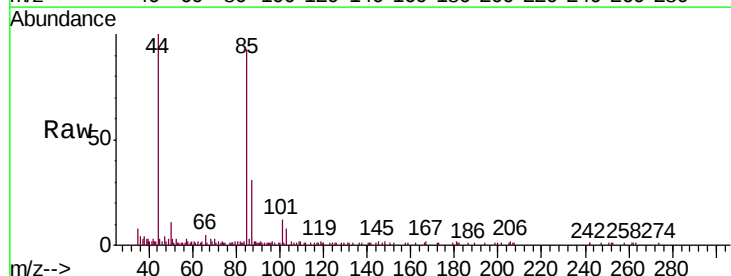
Acq: 12 Mar 2020 15:44

Tgt Ion: 85 Resp: 6420

Ion Ratio Lower Upper

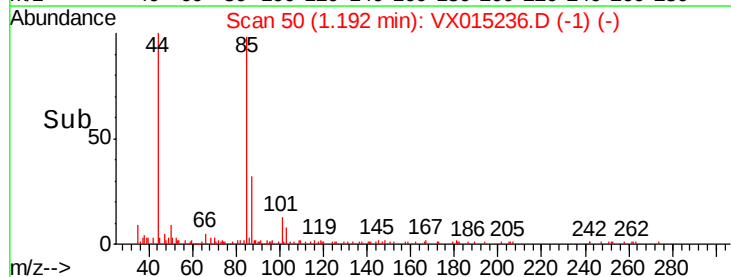
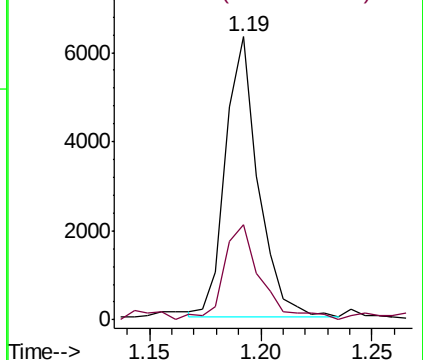
85 100

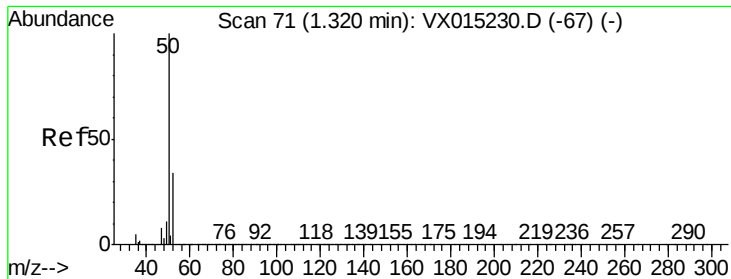
87 34.0 16.7 50.1



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 2.747 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.01 min

Lab File: VX015236.D

Acq: 12 Mar 2020 15:44

Instrument :

MSVOA_X

ClientSampleId :

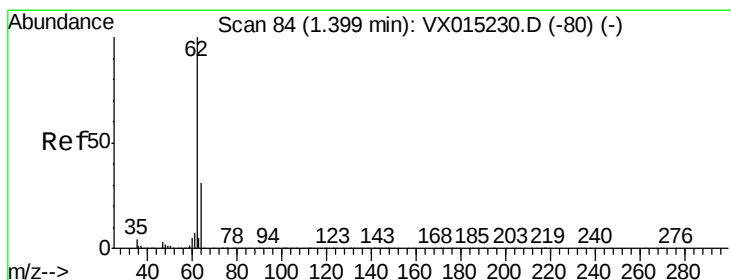
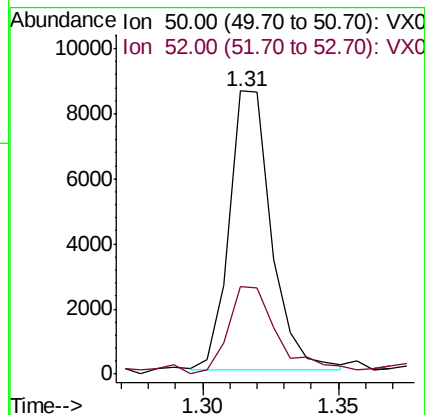
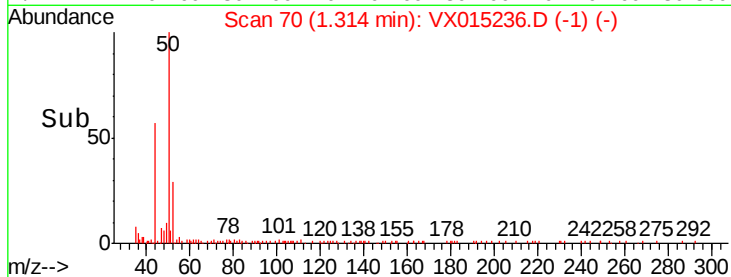
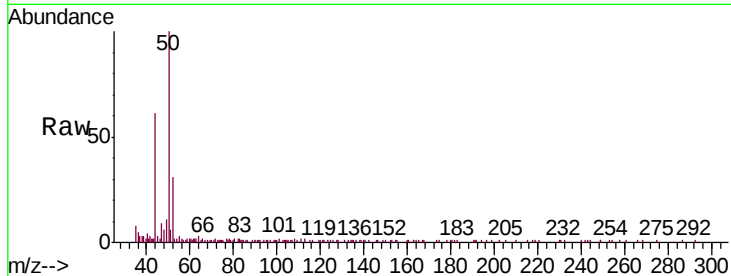
LOD-MDL-WATER-01-QT1-2020

Tgt Ion: 50 Resp: 9291

Ion Ratio Lower Upper

50 100

52 31.4 26.9 40.3



#4

Vinyl Chloride

Concen: 2.721 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX015236.D

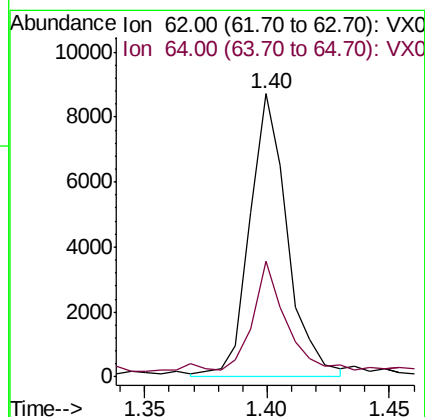
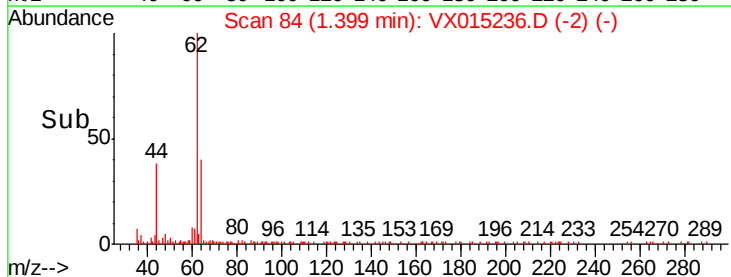
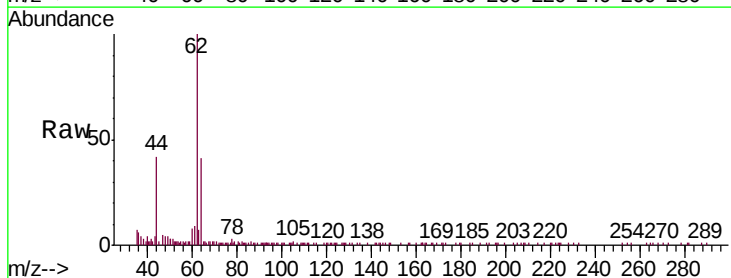
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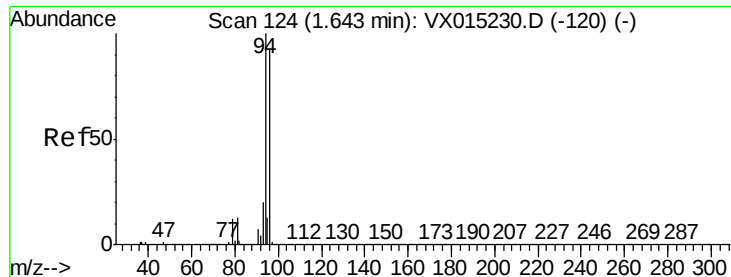
Tgt Ion: 62 Resp: 9365

Ion Ratio Lower Upper

62 100

64 36.8 24.9 37.3





#5

Bromomethane

Concen: 3.051 ug/l

RT: 1.65 min Scan# 125

Delta R.T. 0.01 min

Lab File: VX015236.D

Acq: 12 Mar 2020 15:44

Instrument :

MSVOA_X

ClientSampleId :

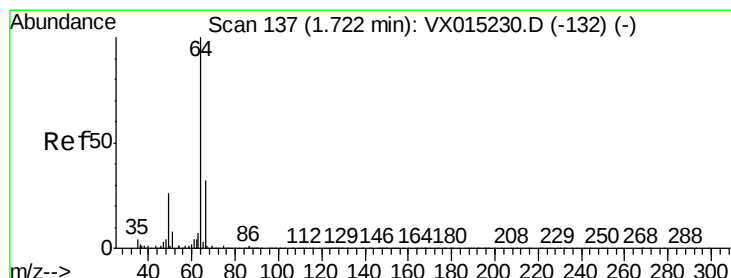
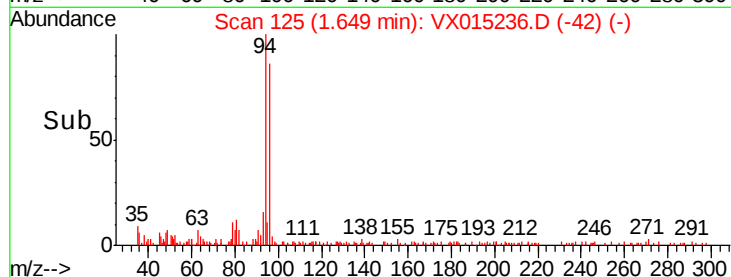
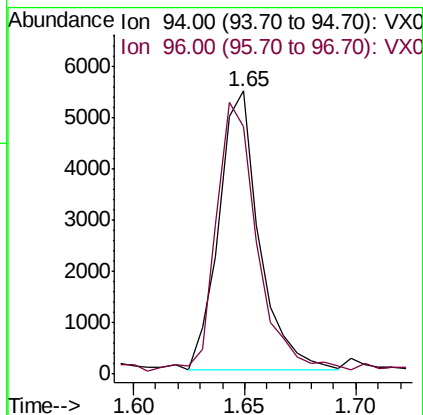
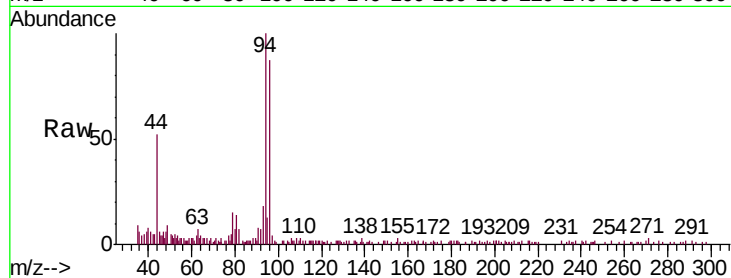
LOD-MDL-WATER-01-QT1-2020

Tgt Ion: 94 Resp: 6843

Ion Ratio Lower Upper

94 100

96 85.8 73.0 109.4



#6

Chloroethane

Concen: 2.680 ug/l

RT: 1.72 min Scan# 137

Delta R.T. -0.00 min

Lab File: VX015236.D

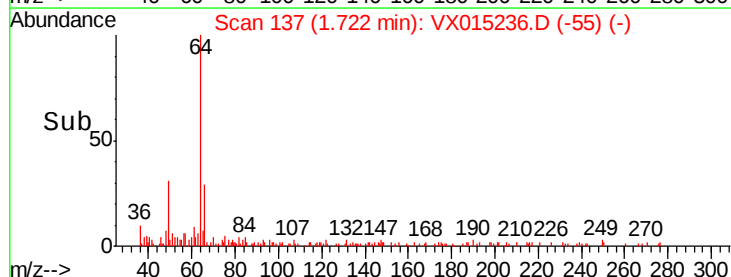
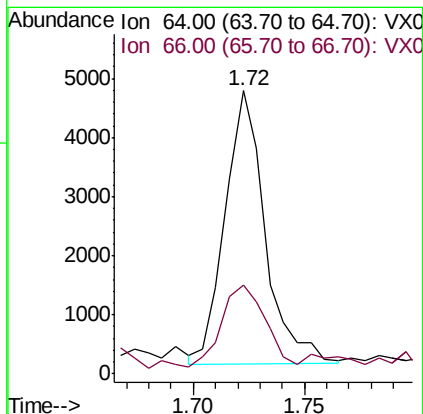
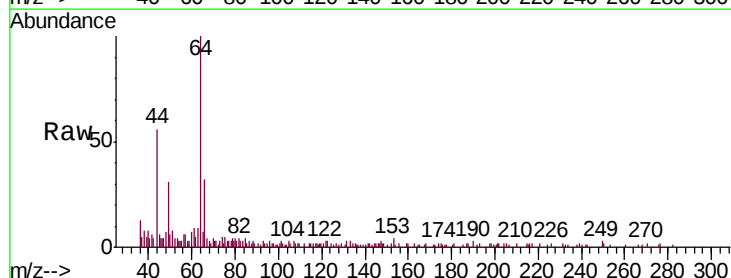
Acq: 12 Mar 2020 15:44

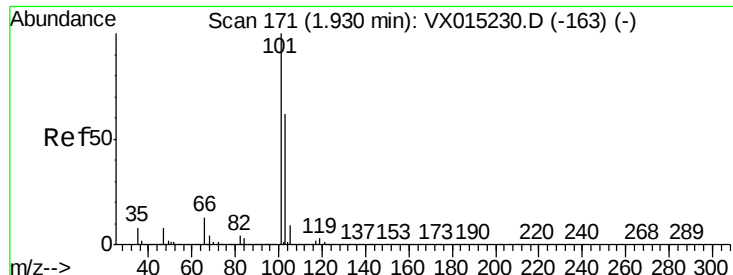
Tgt Ion: 64 Resp: 5794

Ion Ratio Lower Upper

64 100

66 31.2 25.9 38.9



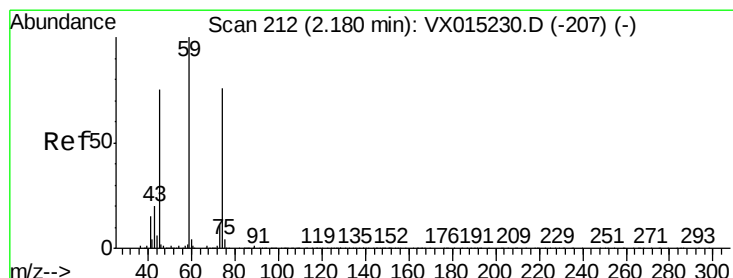
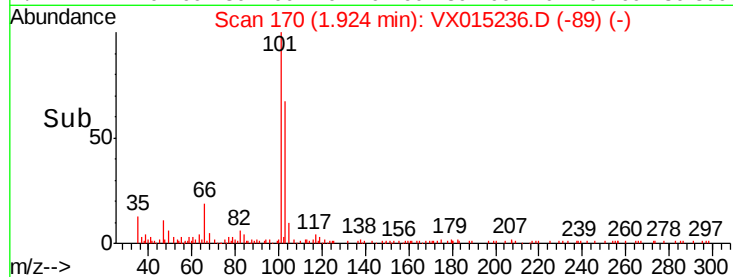
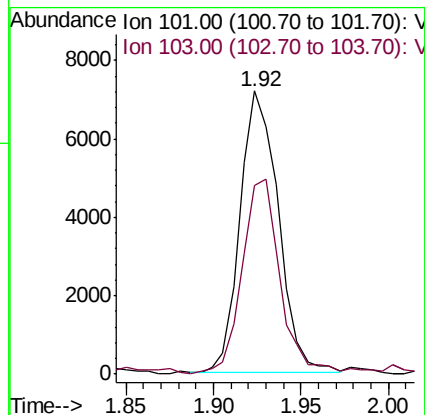
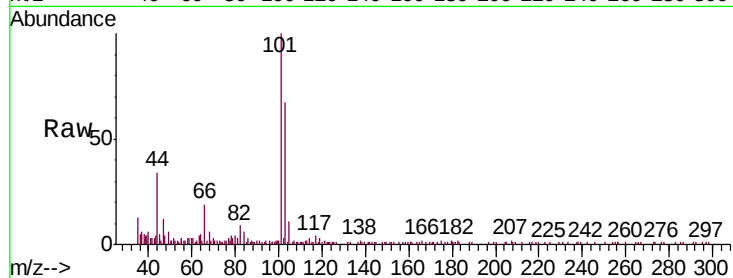


#7

Trichlorofluoromethane
 Concen: 2.485 ug/l
 RT: 1.92 min Scan# 170
 Delta R.T. -0.01 min
 Lab File: VX015236.D
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 MSVOA_X
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 LOD-MDL-WATER-01-QT1-2020

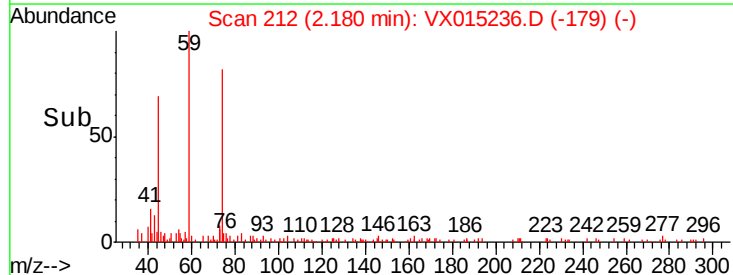
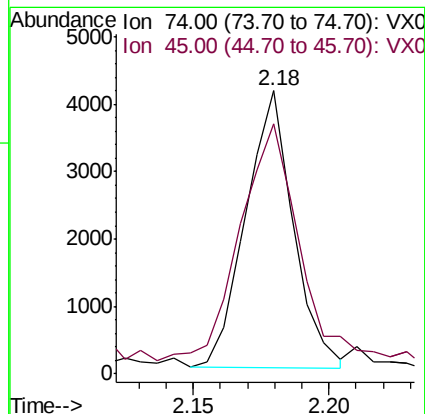
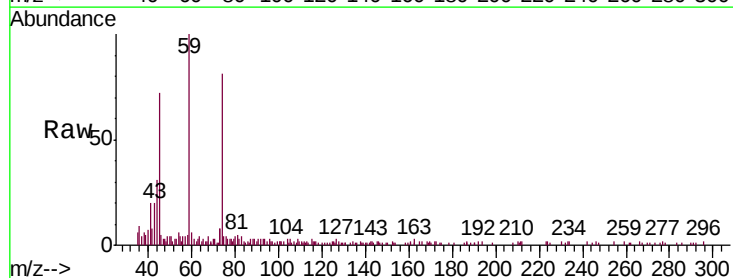
Tgt Ion: 101 Resp: 10904
 Ion Ratio Lower Upper
 101 100
 103 67.3 49.9 74.9

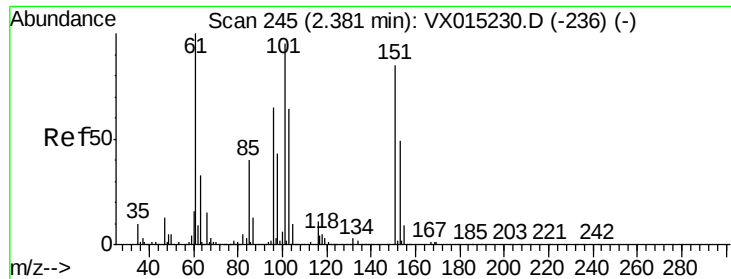


#8

Diethyl Ether
 Concen: 2.570 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: VX015236.D
 Acq: 12 Mar 2020 15:44

Tgt Ion: 74 Resp: 4999
 Ion Ratio Lower Upper
 74 100
 45 107.0 20.3 182.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 2.713 ug/l

RT: 2.38 min Scan# 245

Delta R.T. -0.00 min

Lab File: VX015236.D

Acq: 12 Mar 2020 15:44

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

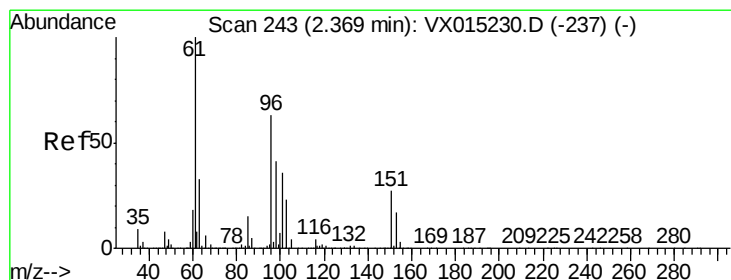
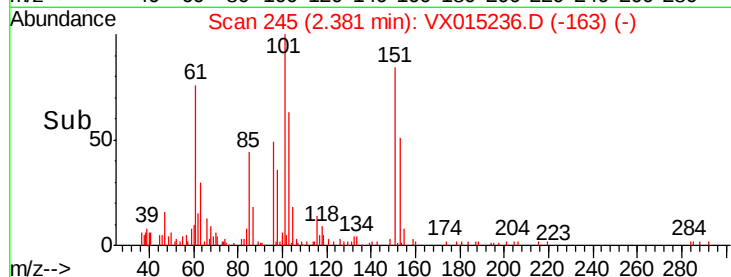
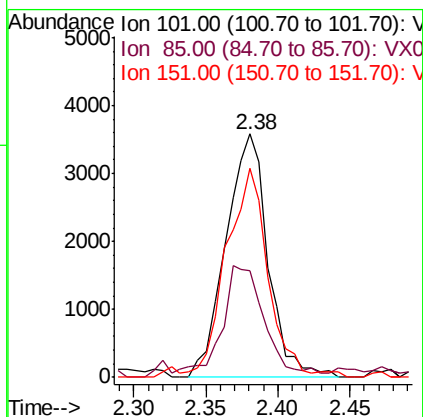
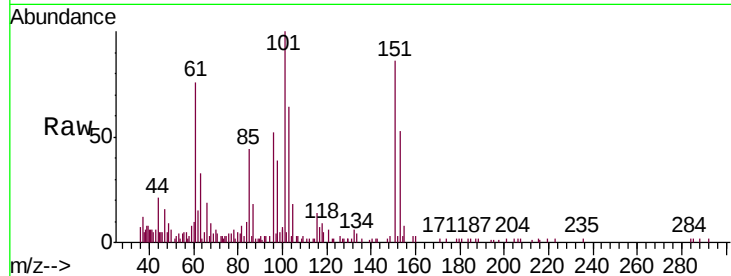
Tgt Ion: 101 Resp: 7301

Ion Ratio Lower Upper

101 100

85 38.0 0.0 82.0

151 84.5 0.0 165.0



#10

1,1-Dichloroethene

Concen: 2.779 ug/l

RT: 2.36 min Scan# 242

Delta R.T. -0.01 min

Lab File: VX015236.D

Acq: 12 Mar 2020 15:44

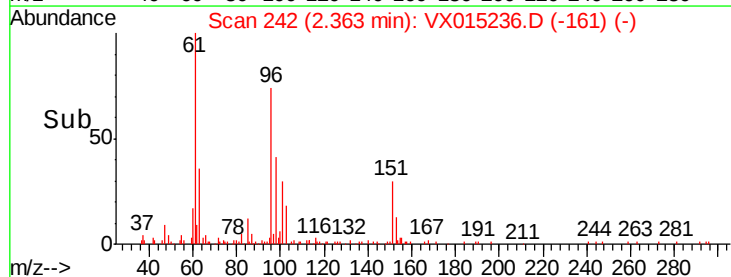
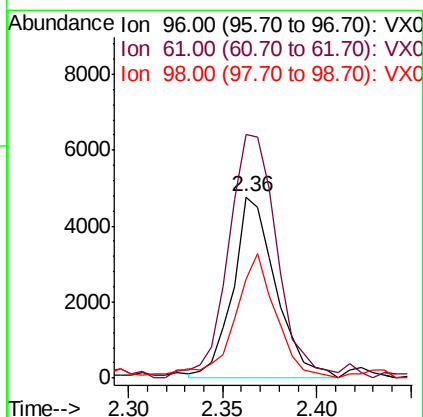
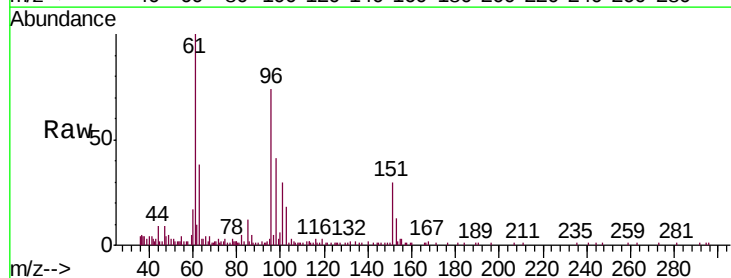
Tgt Ion: 96 Resp: 7541

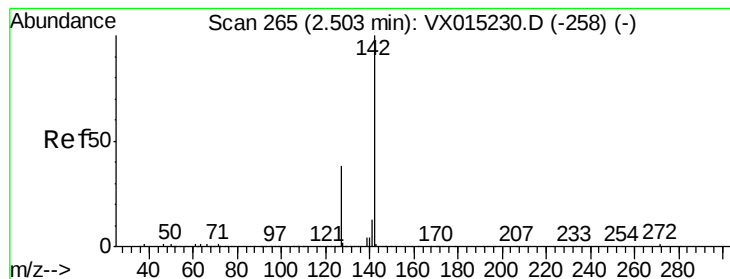
Ion Ratio Lower Upper

96 100

61 130.1 126.2 189.2

98 55.0 52.1 78.1





#11

Methyl Iodide

Concen: 2.031 ug/l

RT: 2.50 min Scan# 264

Delta R.T. -0.01 min

Lab File: VX015236.D

Acq: 12 Mar 2020 15:44

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

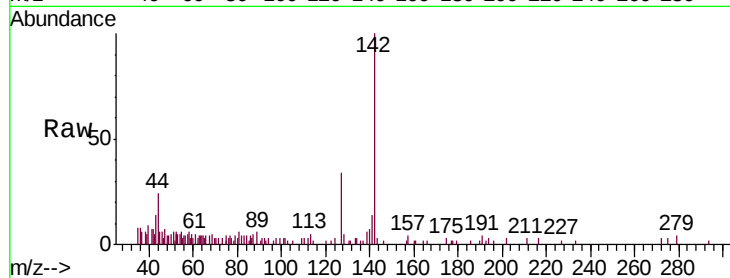
Tgt Ion:142 Resp: 5669

Ion Ratio Lower Upper

142 100

127 31.0 18.9 56.9

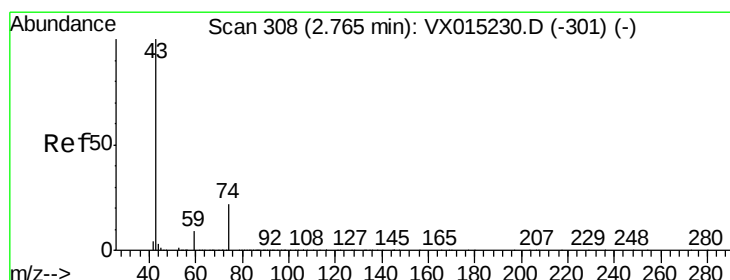
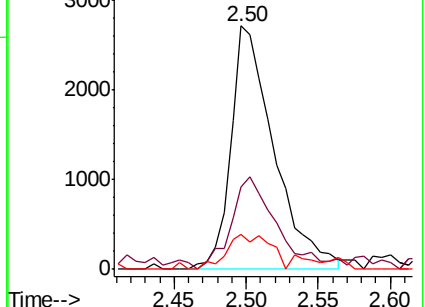
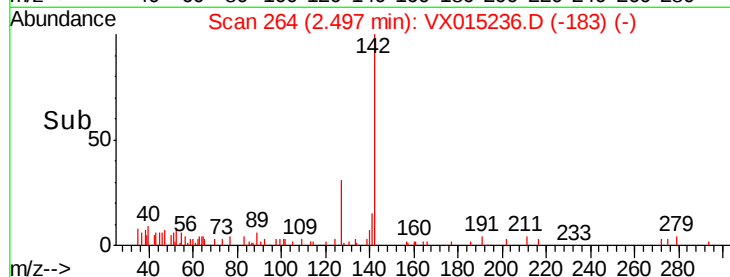
141 12.0 6.6 19.7



Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 141.00 (140.70 to 141.70): V



#12

Methyl Acetate

Concen: 2.373 ug/l

RT: 2.76 min Scan# 308

Delta R.T. -0.00 min

Lab File: VX015236.D

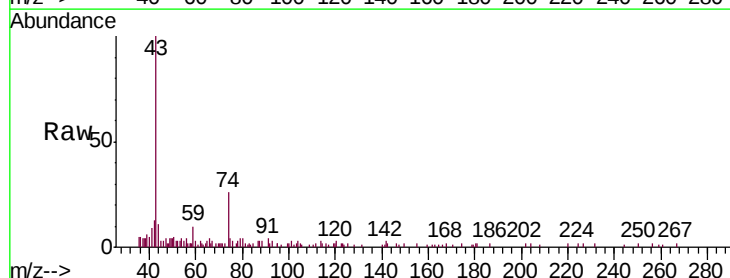
Acq: 12 Mar 2020 15:44

Tgt Ion: 43 Resp: 7944

Ion Ratio Lower Upper

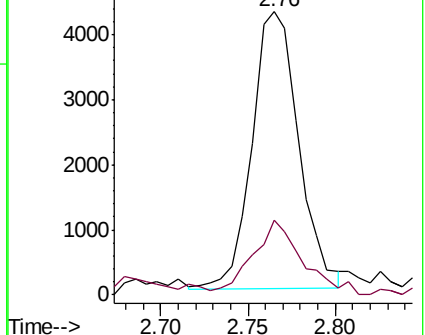
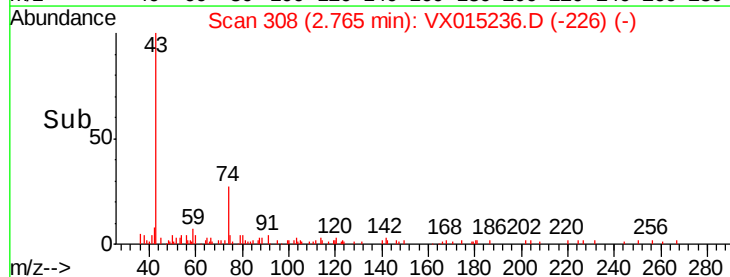
43 100

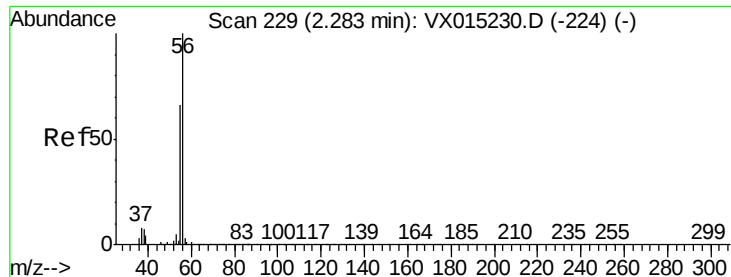
74 24.5 18.0 27.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#13

Acrolein

Concen: 14.377 ug/l

RT: 2.29 min Scan# 230

Delta R.T. 0.01 min

Lab File: VX015236.D

Acq: 12 Mar 2020 15:44

Instrument :

MSVOA_X

ClientSampleId :

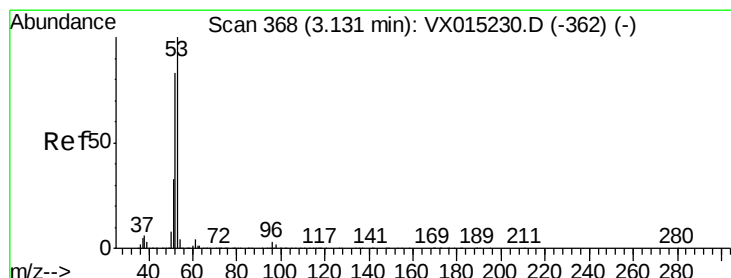
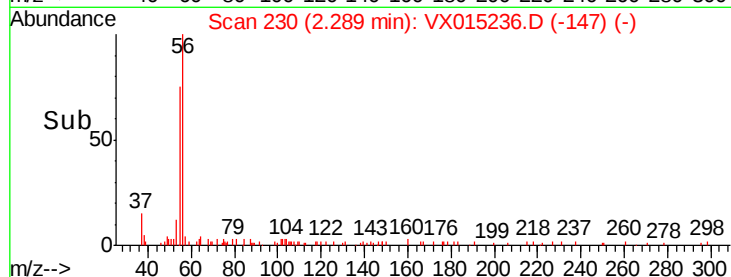
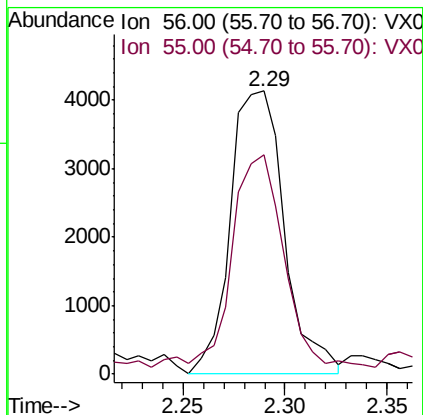
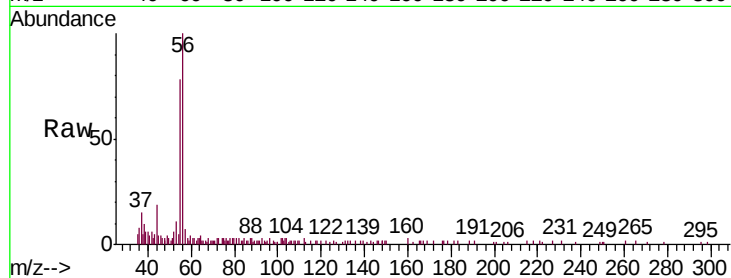
LOD-MDL-WATER-01-QT1-2020

Tgt Ion: 56 Resp: 7599

Ion Ratio Lower Upper

56 100

55 68.6 55.1 82.7



#14

Acrylonitrile

Concen: 11.798 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX015236.D

Acq: 12 Mar 2020 15:44

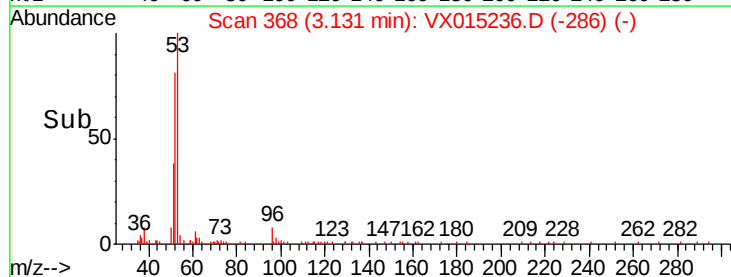
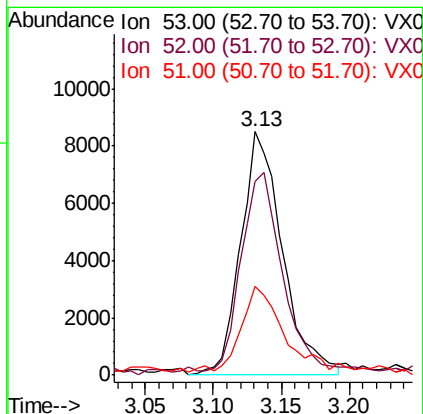
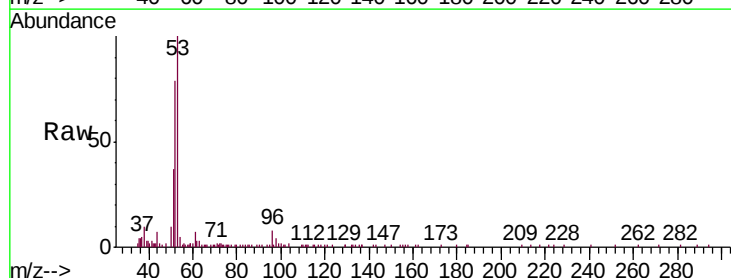
Tgt Ion: 53 Resp: 18324

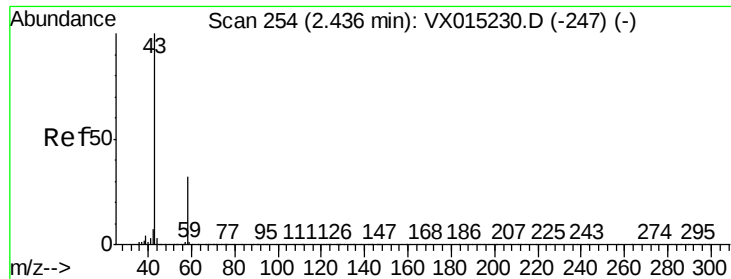
Ion Ratio Lower Upper

53 100

52 81.4 41.5 124.5

51 31.8 17.7 53.1





#15

Acetone

Concen: 12.380 ug/l

RT: 2.44 min Scan# 254

Delta R.T. -0.00 min

Lab File: VX015236.D

Acq: 12 Mar 2020 15:44

Instrument :

MSVOA_X

ClientSampleId :

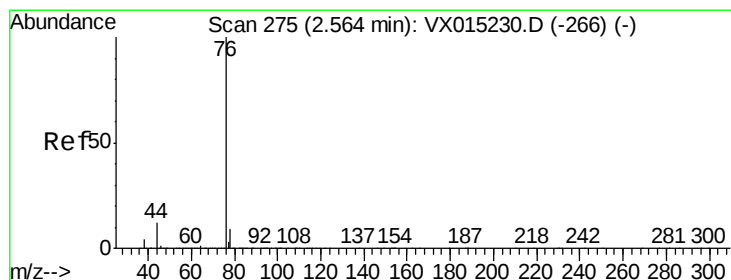
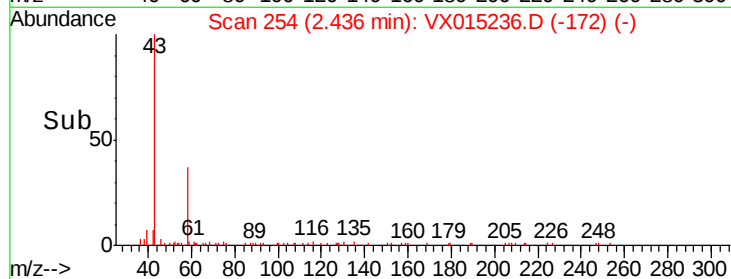
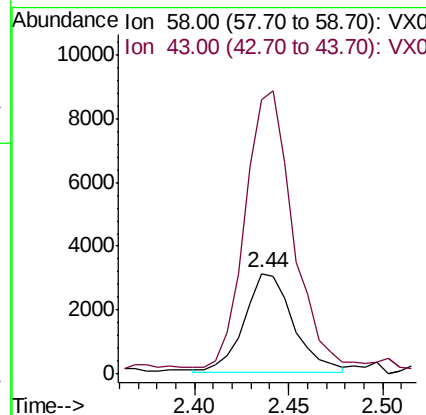
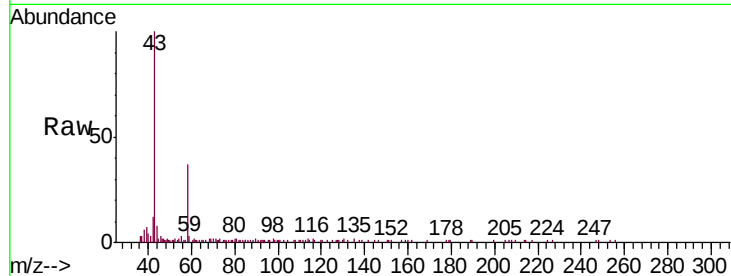
LOD-MDL-WATER-01-QT1-2020

Tgt Ion: 58 Resp: 5642

Ion Ratio Lower Upper

58 100

43 279.4 248.7 373.1



#16

Carbon Disulfide

Concen: 2.651 ug/l

RT: 2.56 min Scan# 275

Delta R.T. -0.00 min

Lab File: VX015236.D

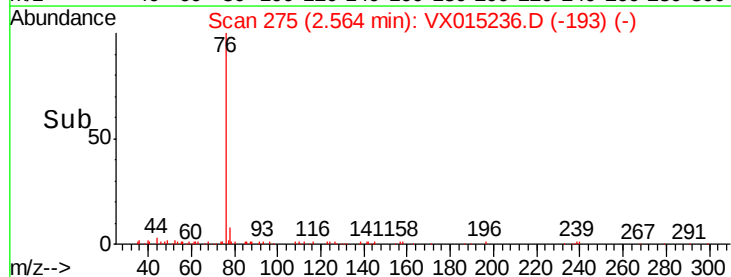
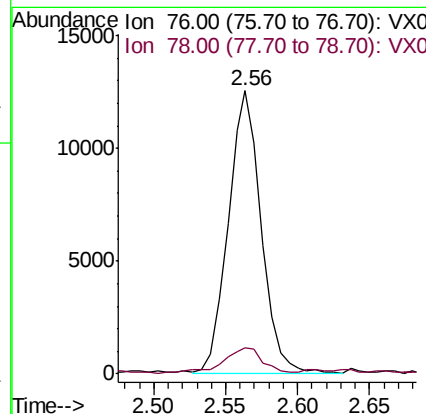
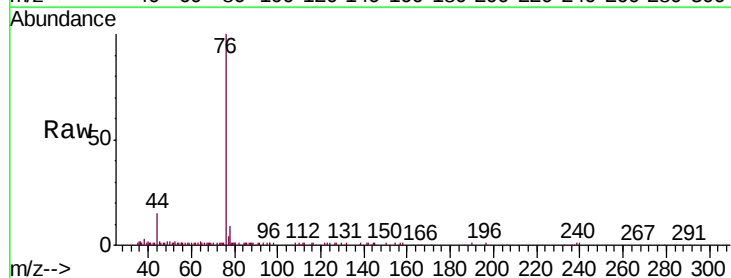
Acq: 12 Mar 2020 15:44

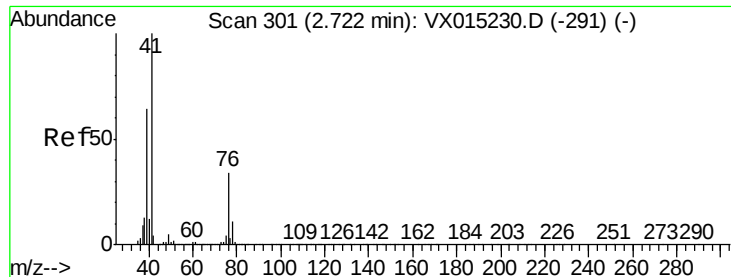
Tgt Ion: 76 Resp: 20140

Ion Ratio Lower Upper

76 100

78 8.4 7.3 10.9

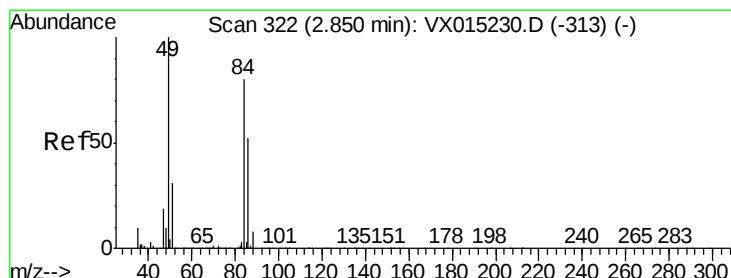
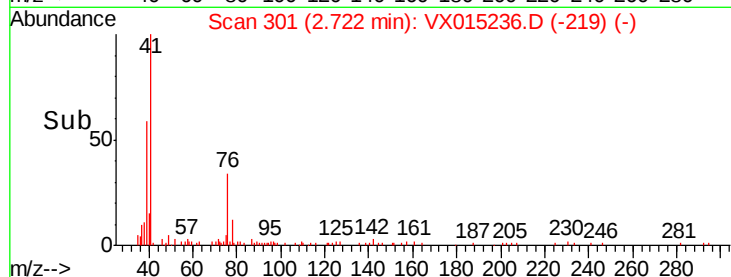
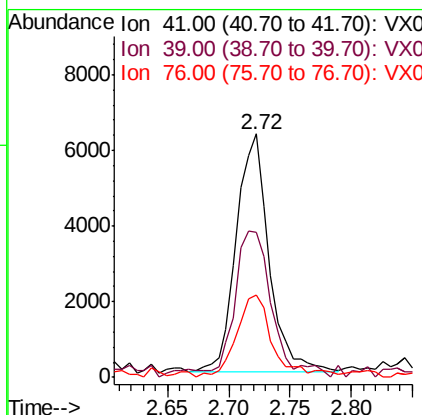
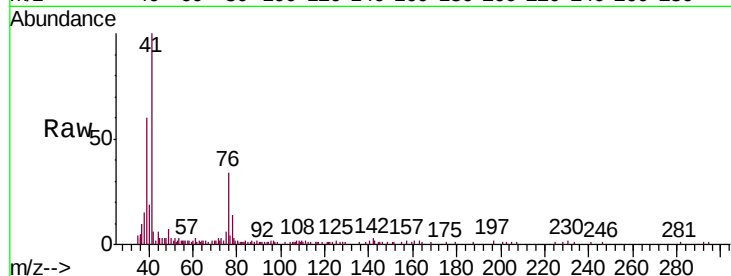




#17
 Allyl chloride
 Concen: 2.311 ug/l
 RT: 2.72 min Scan# 301
 Delta R.T. -0.00 min
 Lab File: VX015236.D
 Acq: 12 Mar 2020 15:44

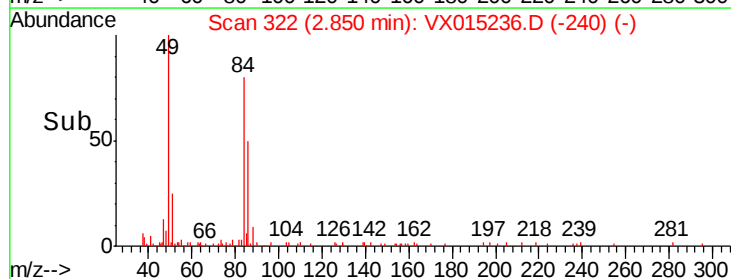
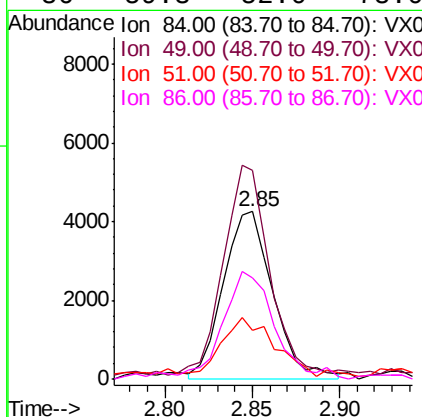
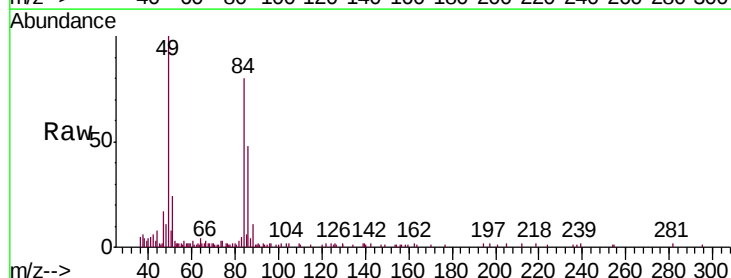
Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2020

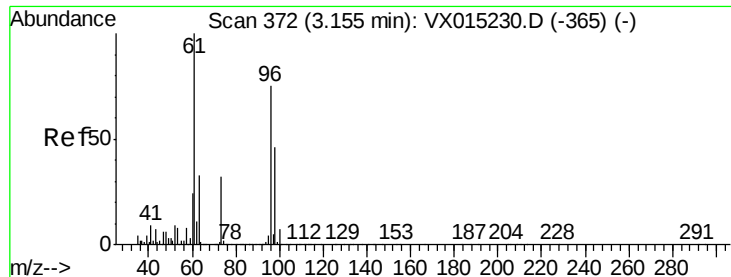
Tgt Ion:	41	Resp:	11635
Ion	Ratio	Lower	Upper
41	100		
39	57.6	32.1	96.5
76	33.5	17.2	51.5



#18
 Methylene Chloride
 Concen: 2.736 ug/l
 RT: 2.85 min Scan# 322
 Delta R.T. -0.00 min
 Lab File: VX015236.D
 Acq: 12 Mar 2020 15:44

Tgt Ion:	84	Resp:	8390
Ion	Ratio	Lower	Upper
84	100		
49	122.4	99.5	149.3
51	26.6	31.0	46.6#
86	59.3	52.0	78.0

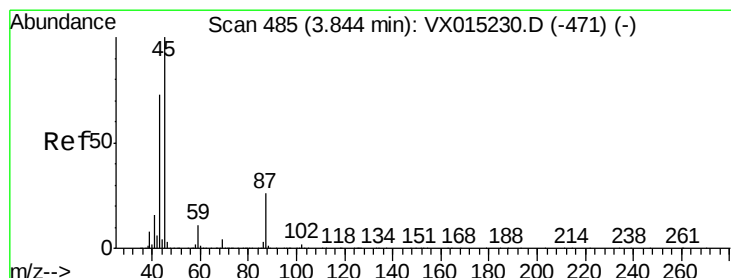
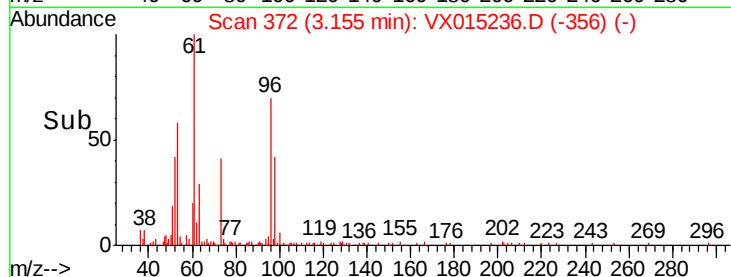
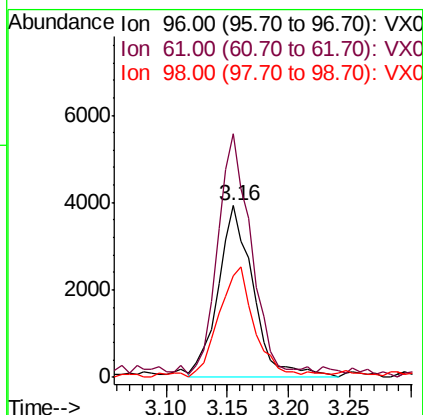
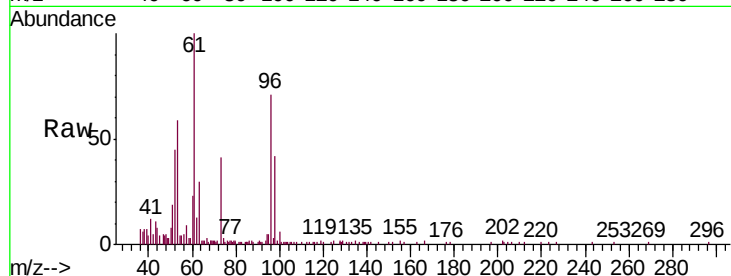




#19
trans-1,2-Dichloroethene
Concen: 2.681 ug/l
RT: 3.16 min Scan# 372
Delta R.T. -0.00 min
Lab File: VX015236.D
Acq: 12 Mar 2020 15:44

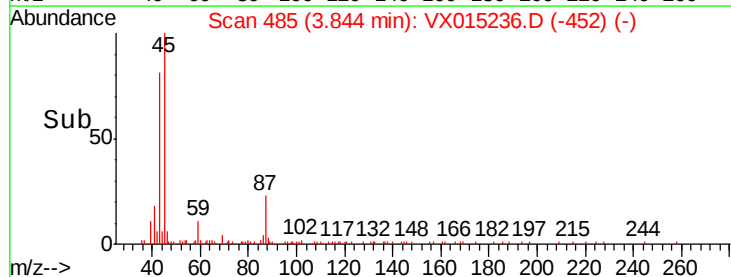
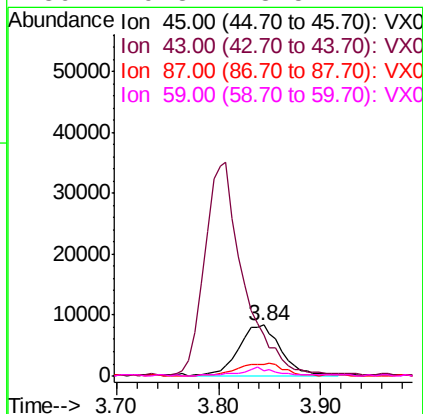
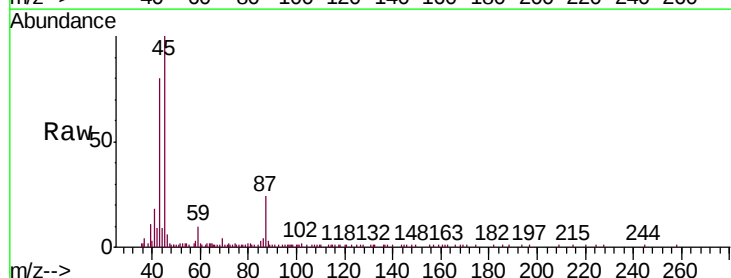
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

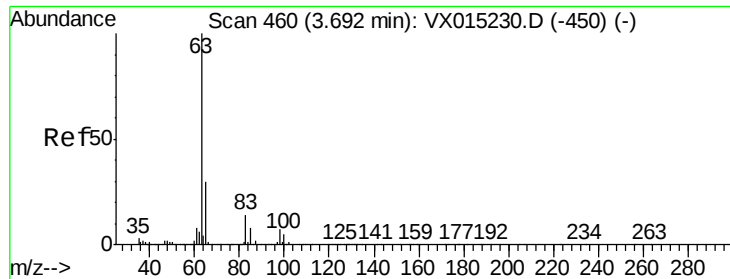
Tgt Ion: 96 Resp: 7846
Ion Ratio Lower Upper
96 100
61 141.5 106.3 159.5
98 59.2 49.1 73.7



#20
Diisopropyl ether
Concen: 2.334 ug/l
RT: 3.84 min Scan# 485
Delta R.T. -0.00 min
Lab File: VX015236.D
Acq: 12 Mar 2020 15:44

Tgt Ion: 45 Resp: 23341
Ion Ratio Lower Upper
45 100
43 76.2 58.6 87.8
87 23.4 21.0 31.4
59 9.8 8.5 12.7

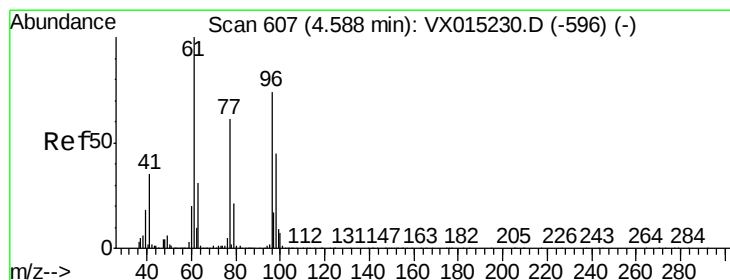
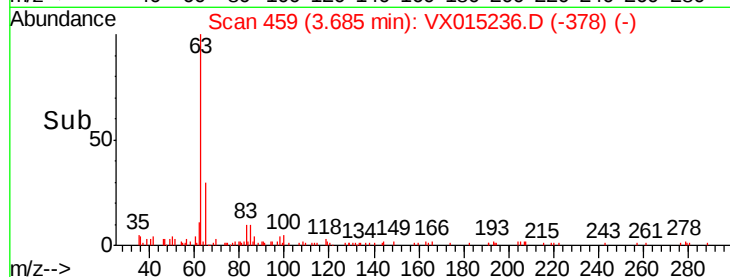
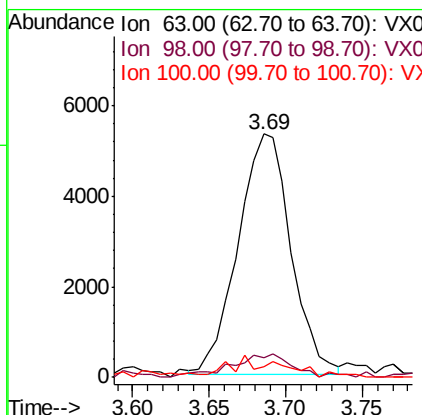
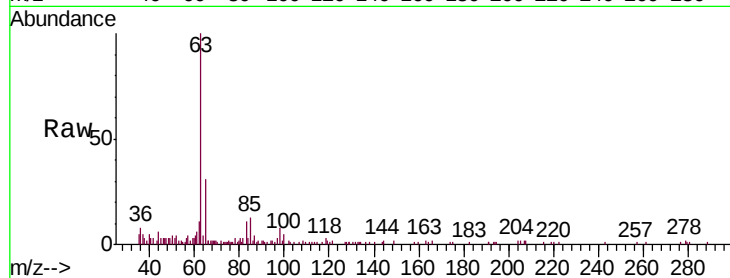




#21
1,1-Dichloroethane
Concen: 2.419 ug/l
RT: 3.69 min Scan# 459
Delta R.T. -0.01 min
Lab File: VX015236.D
Acq: 12 Mar 2020 15:44

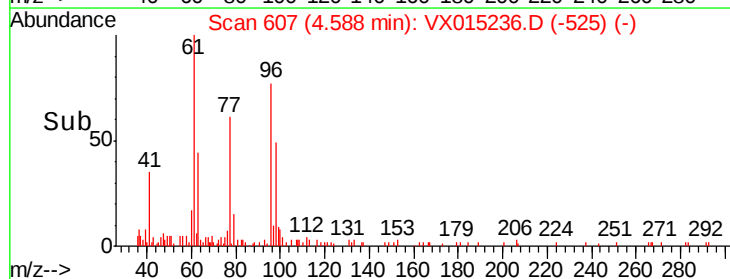
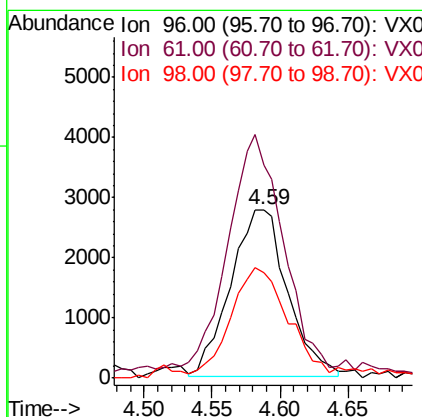
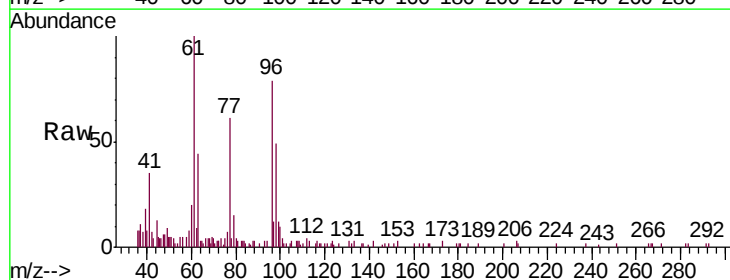
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

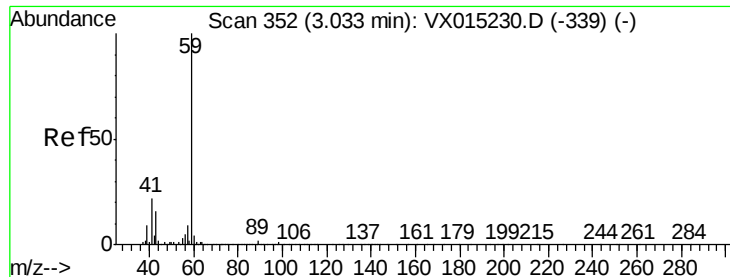
Tgt Ion: 63 Resp: 12814
Ion Ratio Lower Upper
63 100
98 7.0 3.5 10.6
100 3.2 2.4 7.1



#22
cis-1,2-Dichloroethene
Concen: 2.442 ug/l
RT: 4.59 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX015236.D
Acq: 12 Mar 2020 15:44

Tgt Ion: 96 Resp: 8078
Ion Ratio Lower Upper
96 100
61 130.8 111.4 167.0
98 67.3 50.1 75.1

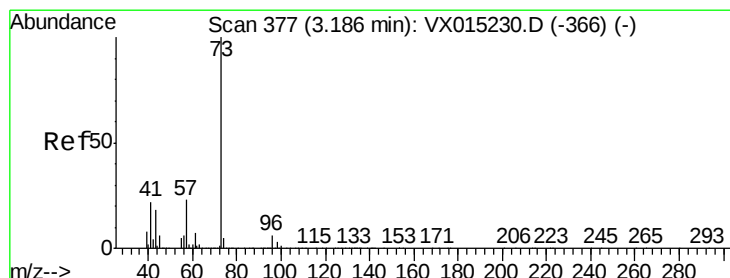
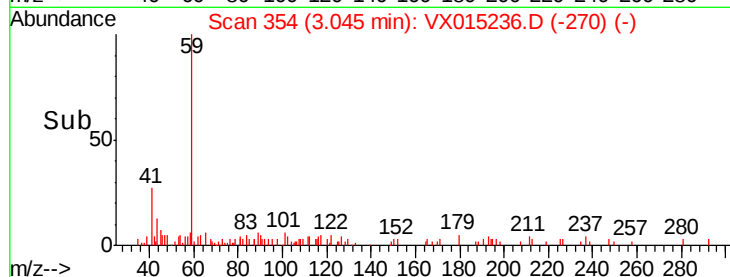
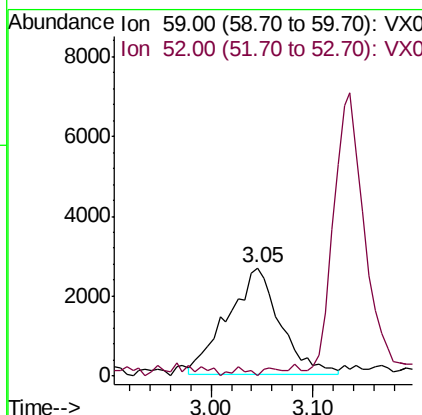
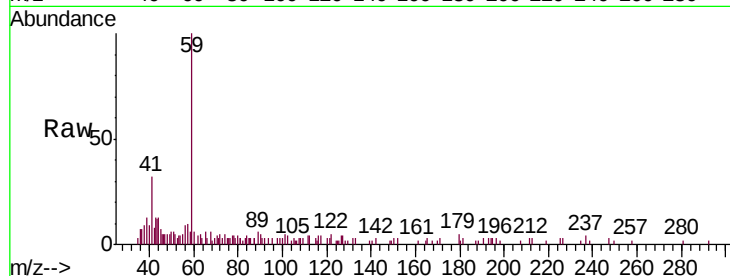




#23
tert-Butyl Alcohol
Concen: 15.674 ug/l
RT: 3.05 min Scan# 354
Delta R.T. 0.01 min
Lab File: VX015236.D
Acq: 12 Mar 2020 15:44

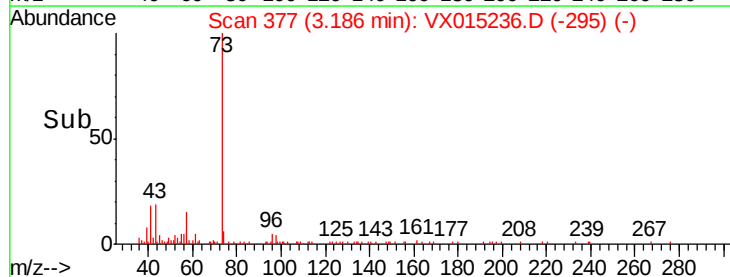
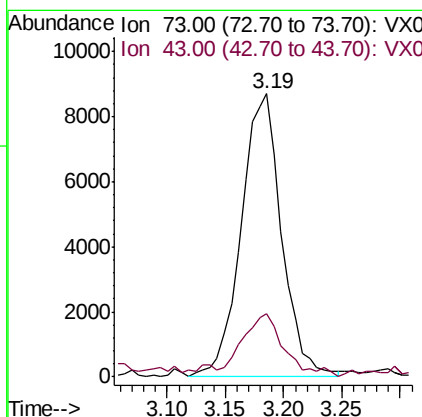
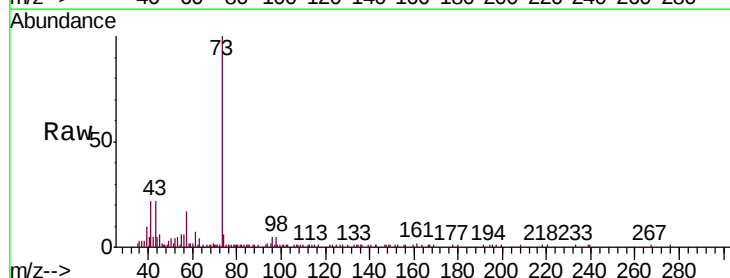
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

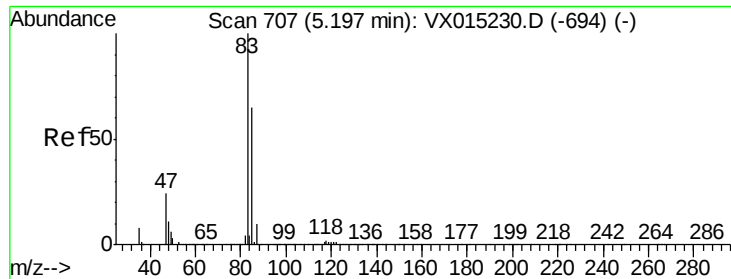
Tgt Ion: 59 Resp: 9518
Ion Ratio Lower Upper
59 100
52 2.6 0.4 0.6#



#24
Methyl tert-Butyl Ether
Concen: 2.405 ug/l
RT: 3.19 min Scan# 377
Delta R.T. -0.00 min
Lab File: VX015236.D
Acq: 12 Mar 2020 15:44

Tgt Ion: 73 Resp: 21080
Ion Ratio Lower Upper
73 100
43 19.7 15.9 23.9





#25

Chloroform

Concen: 2.464 ug/l

RT: 5.20 min Scan# 708

Delta R.T. 0.01 min

Lab File: VX015236.D

Acq: 12 Mar 2020 15:44

Instrument :

MSVOA_X

ClientSampleId :

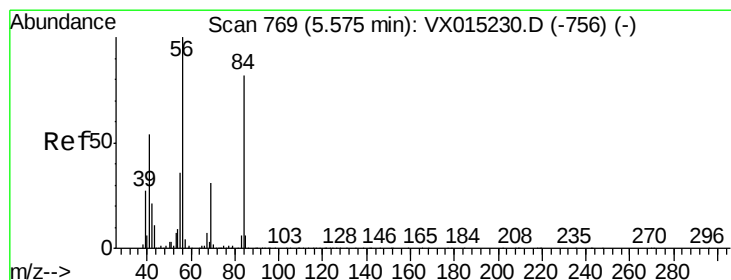
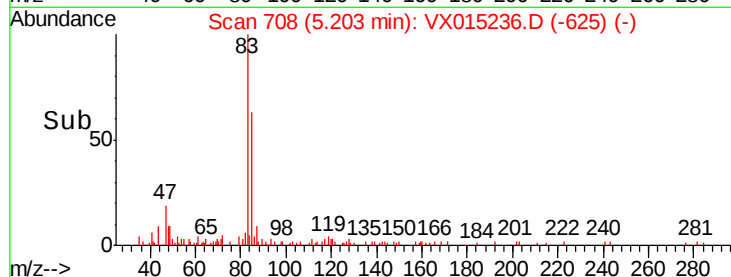
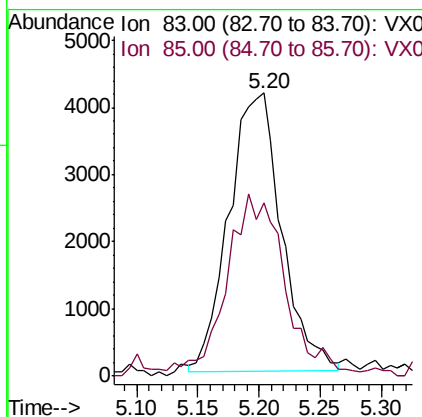
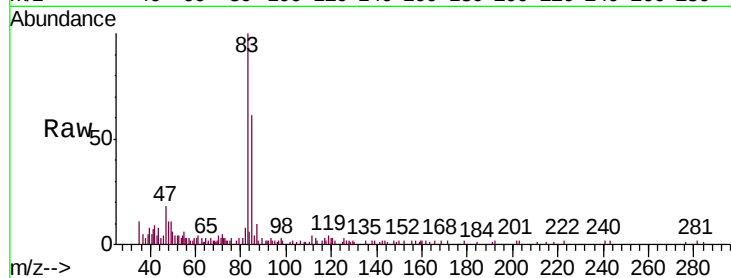
LOD-MDL-WATER-01-QT1-2020

Tgt Ion: 83 Resp: 12416

Ion Ratio Lower Upper

83 100

85 60.7 51.4 77.2



#26

Cyclohexane

Concen: 1.676 ug/l

RT: 5.57 min Scan# 768

Delta R.T. -0.01 min

Lab File: VX015236.D

Acq: 12 Mar 2020 15:44

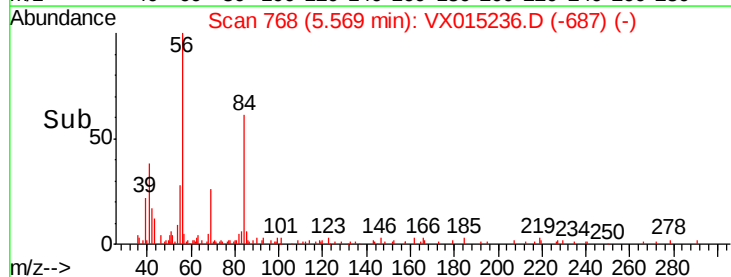
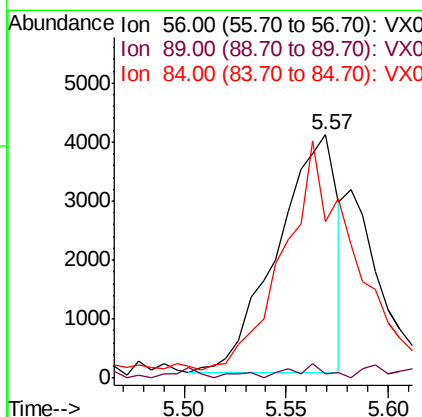
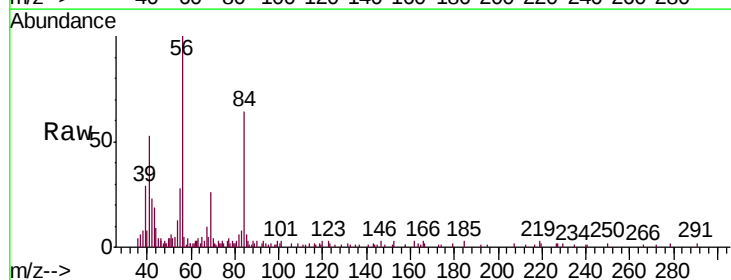
Tgt Ion: 56 Resp: 8251

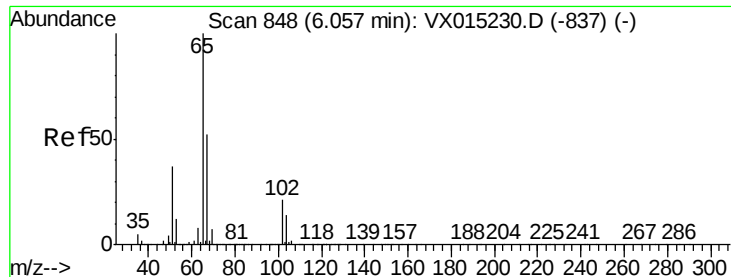
Ion Ratio Lower Upper

56 100

89 1.8 0.1 0.1#

84 121.7 68.2 102.4#

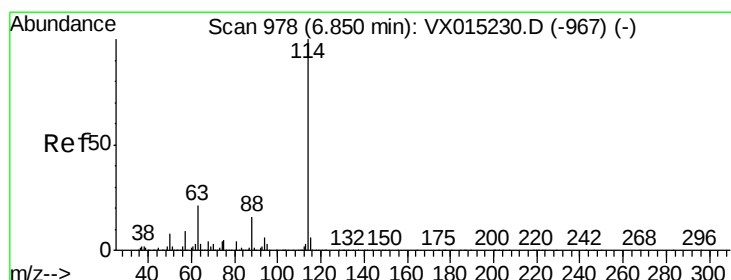
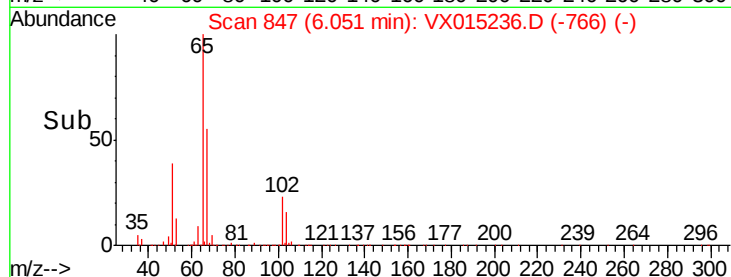
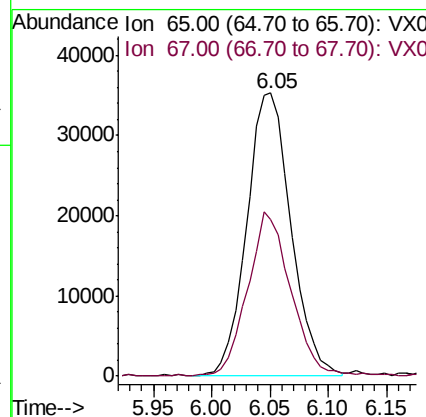
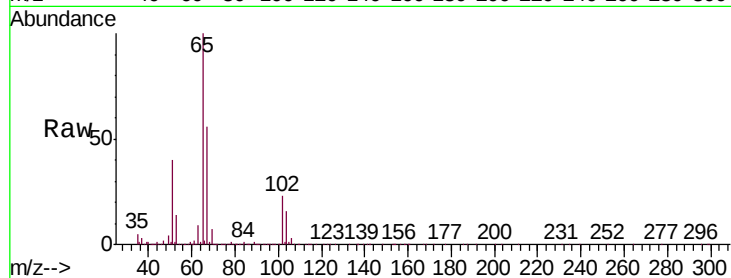




#27
 1,2-Dichloroethane-d4
 Concen: 29.680 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.01 min
 Lab File: VX015236.D
 Acq: 12 Mar 2020 15:44

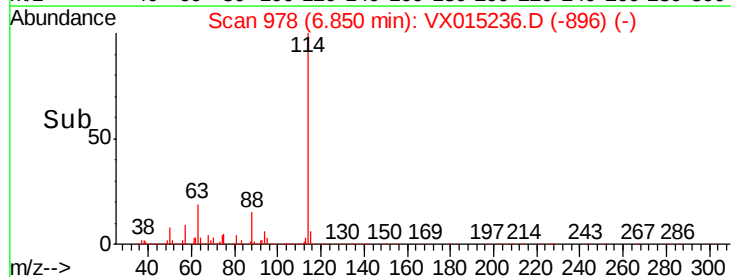
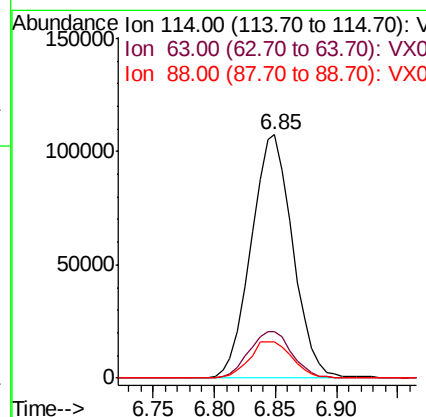
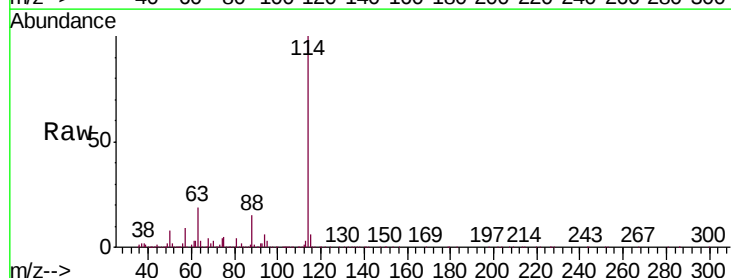
Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2020

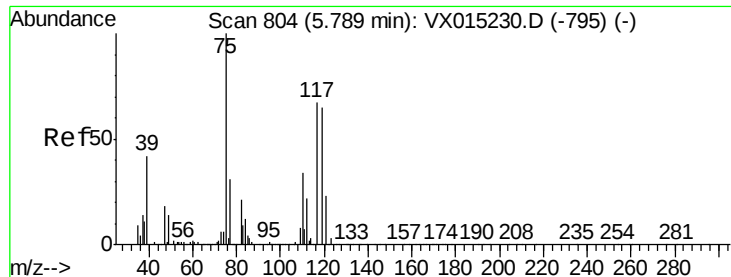
Tgt Ion: 65 Resp: 93276
 Ion Ratio Lower Upper
 65 100
 67 55.8 43.5 65.3



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX015236.D
 Acq: 12 Mar 2020 15:44

Tgt Ion: 114 Resp: 253283
 Ion Ratio Lower Upper
 114 100
 63 19.9 16.6 24.8
 88 15.6 12.6 19.0

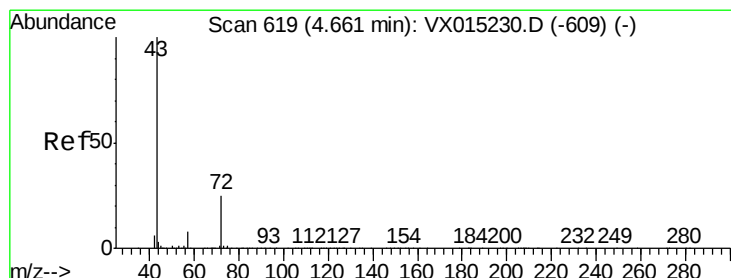
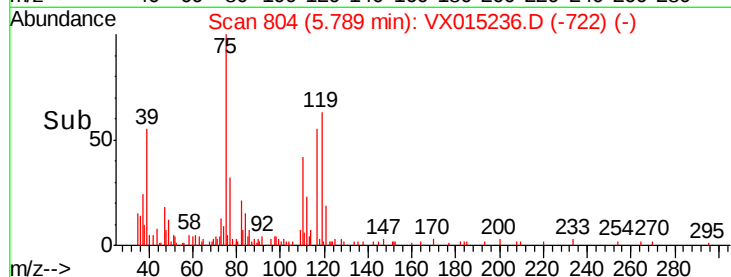
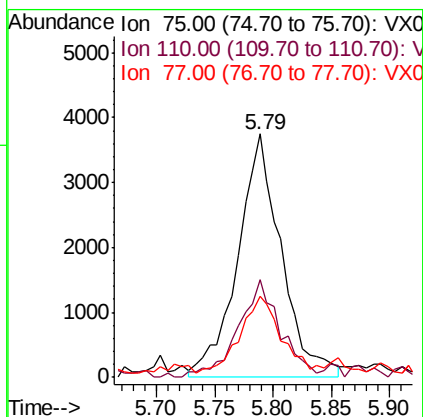
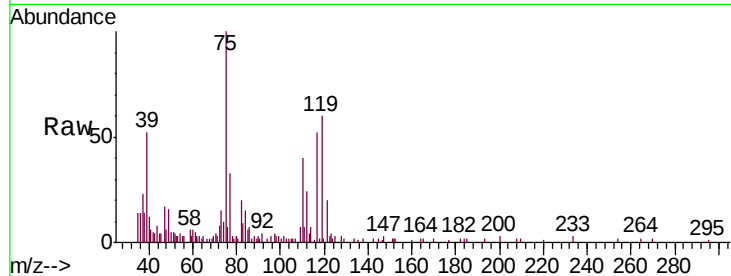




#29
 1,1-Dichloropropene
 Concen: 2.523 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: VX015236.D
 Acq: 12 Mar 2020 15:44

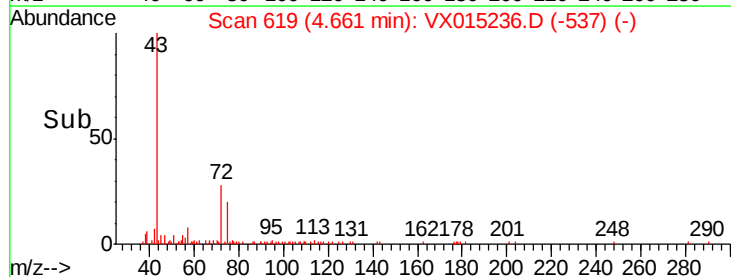
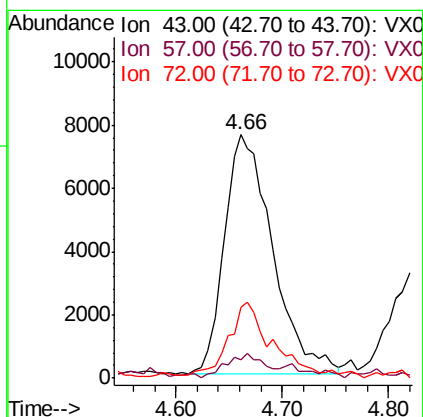
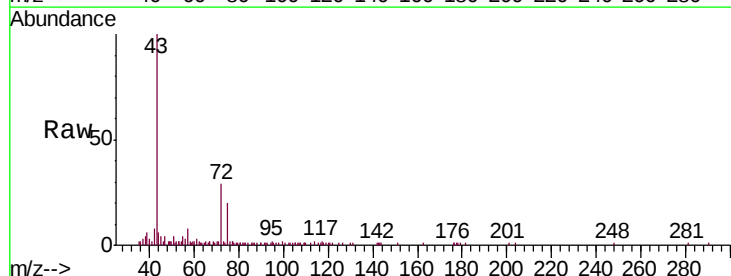
Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2020

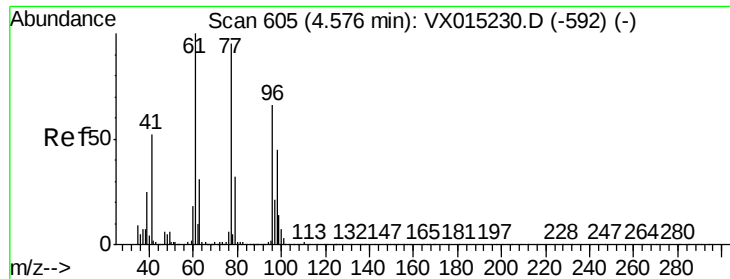
Tgt Ion:	75	Resp:	9808
Ion	Ratio	Lower	Upper
75	100		
110	38.3	0.0	73.6
77	30.6	0.0	63.4



#30
 2-Butanone
 Concen: 11.456 ug/l
 RT: 4.66 min Scan# 619
 Delta R.T. -0.00 min
 Lab File: VX015236.D
 Acq: 12 Mar 2020 15:44

Tgt Ion:	43	Resp:	23844
Ion	Ratio	Lower	Upper
43	100		
57	8.2	6.4	9.6
72	26.0	19.9	29.9





#31

2,2-Dichloropropane

Concen: 2.456 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX015236.D

Acq: 12 Mar 2020 15:44

Instrument :

MSVOA_X

ClientSampleId :

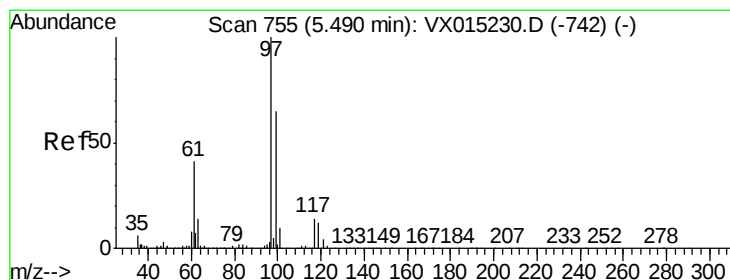
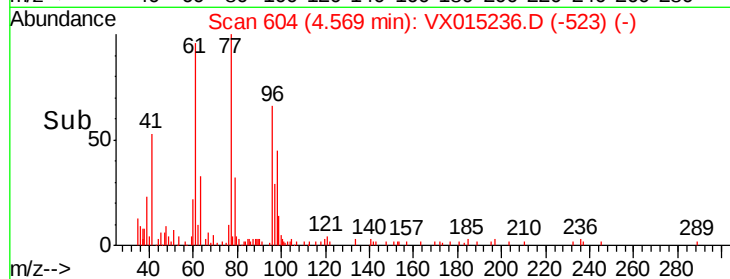
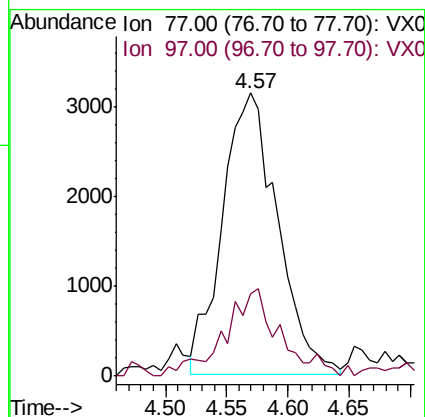
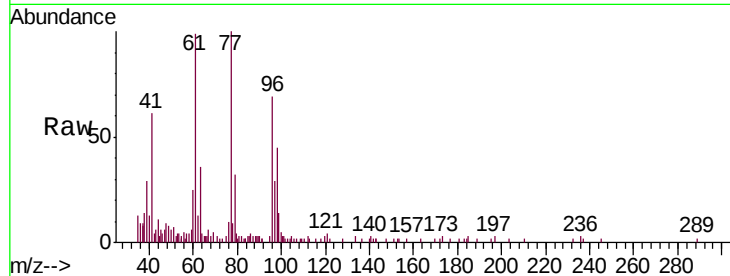
LOD-MDL-WATER-01-QT1-2020

Tgt Ion: 77 Resp: 9807

Ion Ratio Lower Upper

77 100

97 20.8 19.8 29.6



#32

1,1,1-Trichloroethane

Concen: 1.283 ug/l

RT: 5.48 min Scan# 753

Delta R.T. -0.01 min

Lab File: VX015236.D

Acq: 12 Mar 2020 15:44

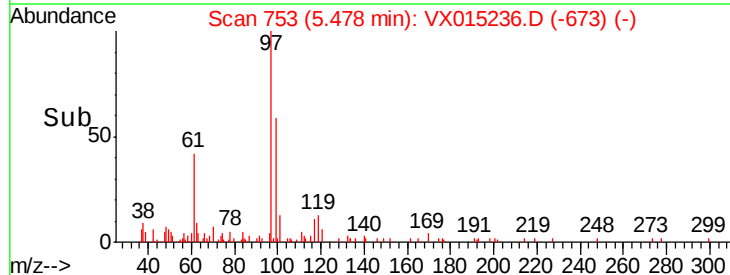
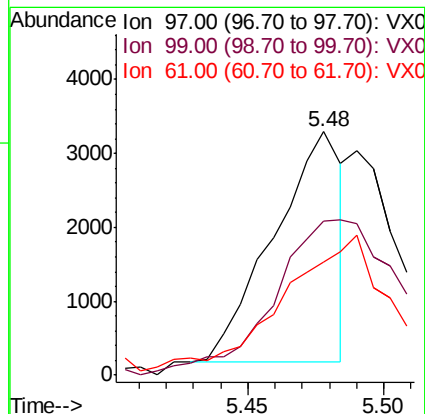
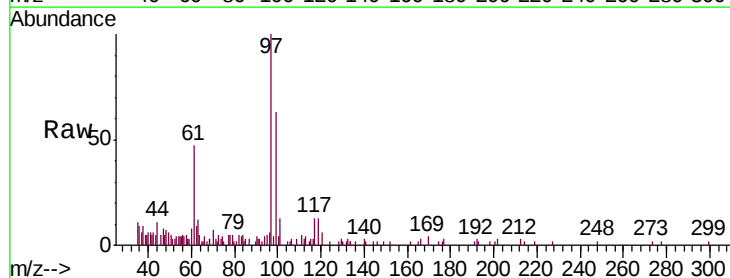
Tgt Ion: 97 Resp: 5428

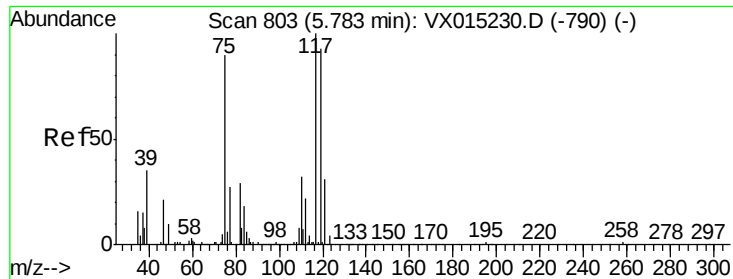
Ion Ratio Lower Upper

97 100

99 126.2 52.0 78.0#

61 88.4 35.0 52.6#





#33

Carbon Tetrachloride

Concen: 1.541 ug/l

RT: 5.76 min Scan# 800

Delta R.T. -0.02 min

Lab File: VX015236.D

Acq: 12 Mar 2020 15:44

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

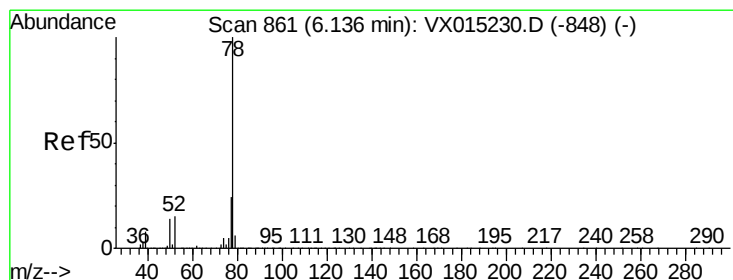
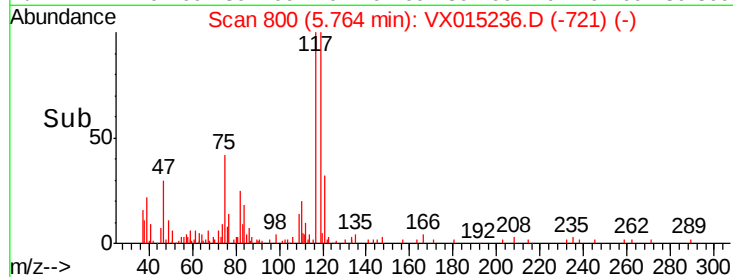
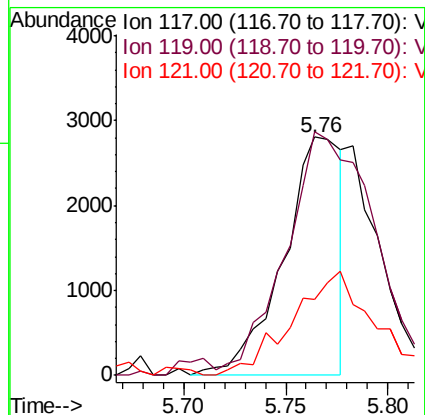
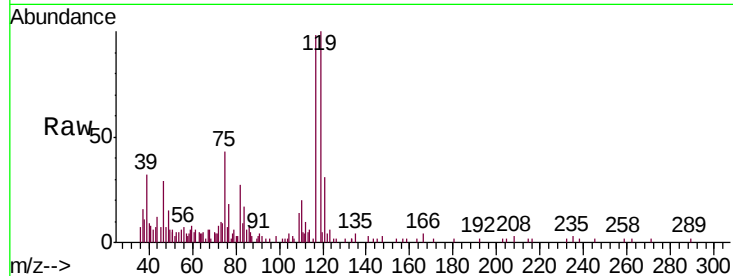
Tgt Ion:117 Resp: 5579

Ion Ratio Lower Upper

117 100

119 100.4 74.2 111.4

121 30.6 24.3 36.5



#34

Benzene

Concen: 2.483 ug/l

RT: 6.14 min Scan# 861

Delta R.T. -0.00 min

Lab File: VX015236.D

Acq: 12 Mar 2020 15:44

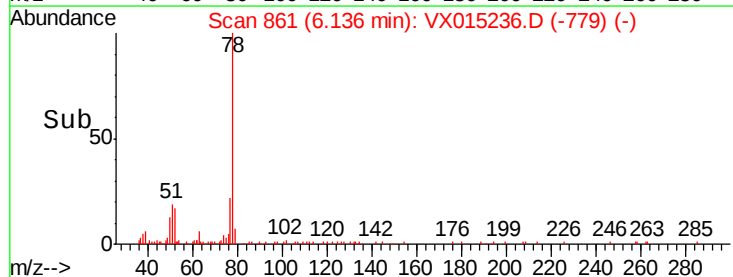
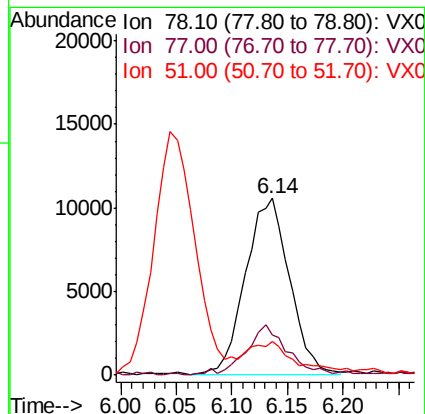
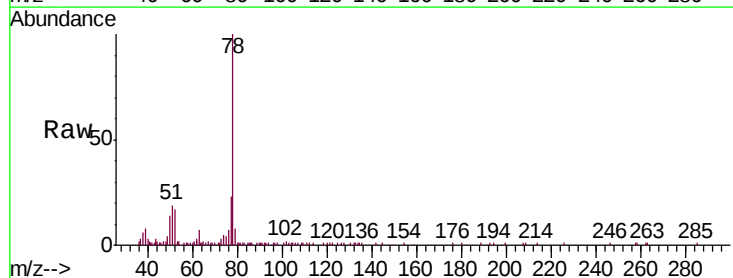
Tgt Ion: 78 Resp: 29245

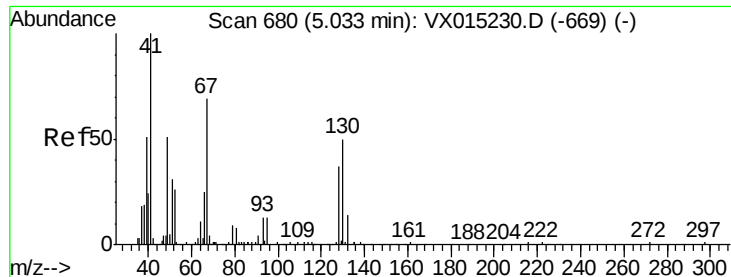
Ion Ratio Lower Upper

78 100

77 22.4 19.1 28.7

51 15.3 13.4 20.2

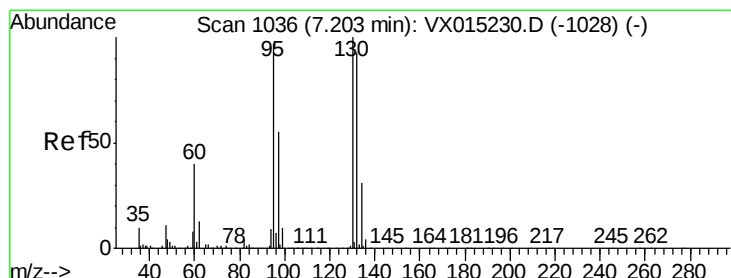
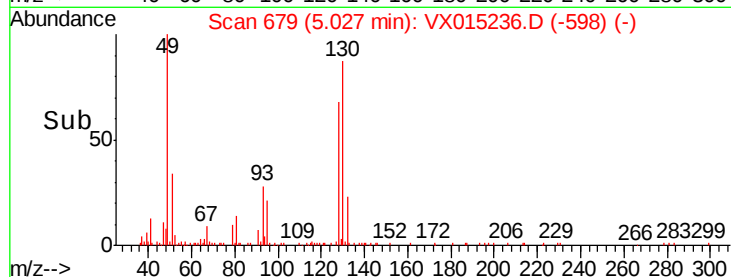
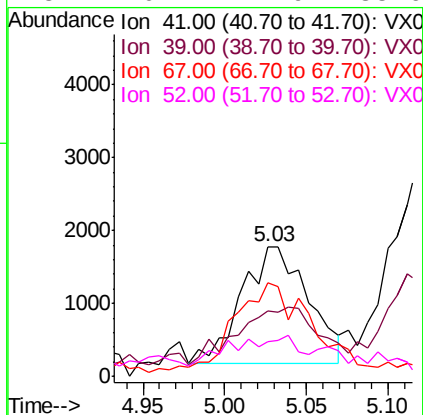
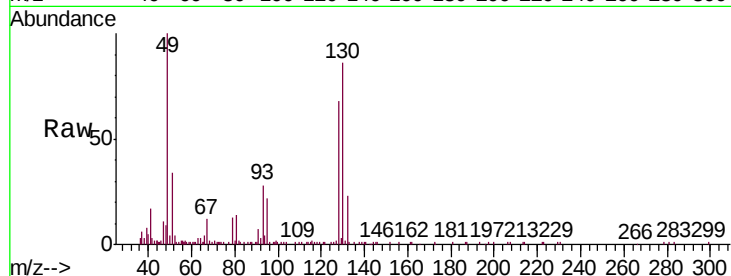




#35
Methacrylonitrile
Concen: 2.029 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.01 min
Lab File: VX015236.D
Acq: 12 Mar 2020 15:44

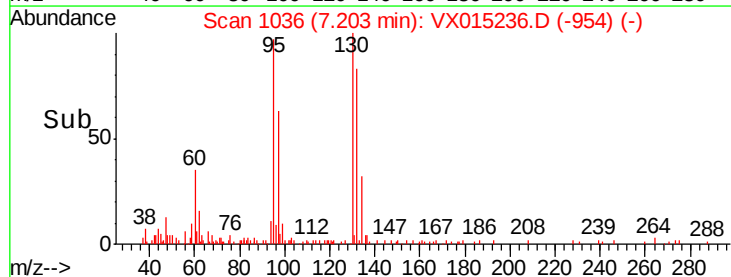
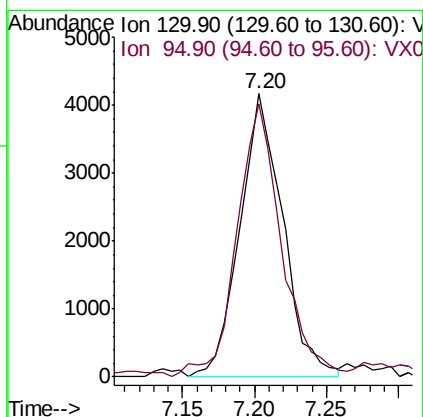
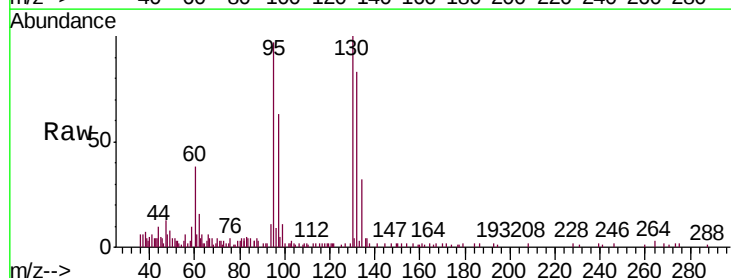
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

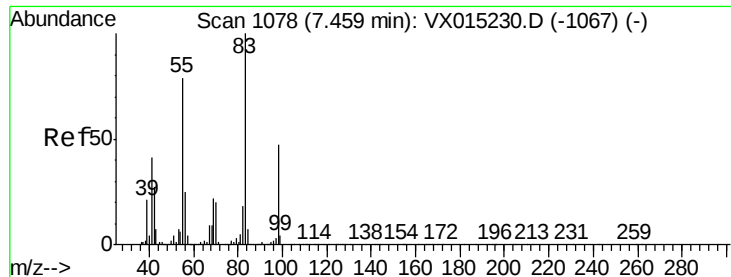
Tgt Ion: 41 Resp: 4566
Ion Ratio Lower Upper
41 100
39 45.5 25.7 77.1
67 72.0 34.3 102.8
52 20.4 12.9 38.6



#37
Trichloroethene
Concen: 2.644 ug/l
RT: 7.20 min Scan# 1036
Delta R.T. -0.00 min
Lab File: VX015236.D
Acq: 12 Mar 2020 15:44

Tgt Ion: 130 Resp: 8612
Ion Ratio Lower Upper
130 100
95 94.2 77.4 116.0

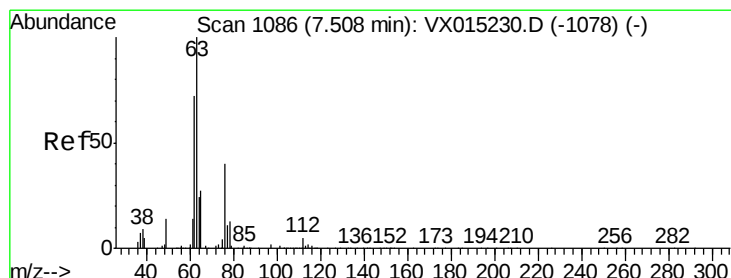
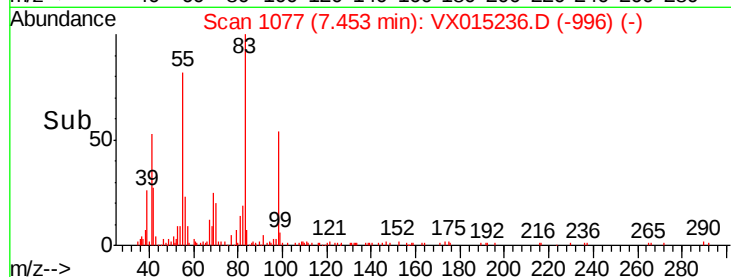
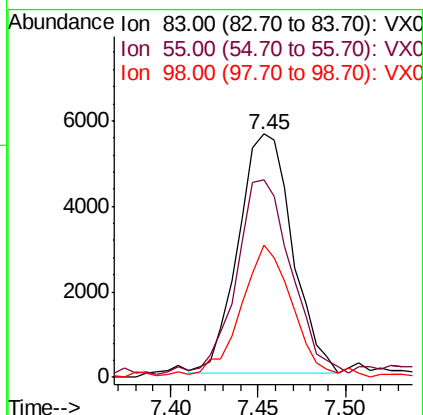
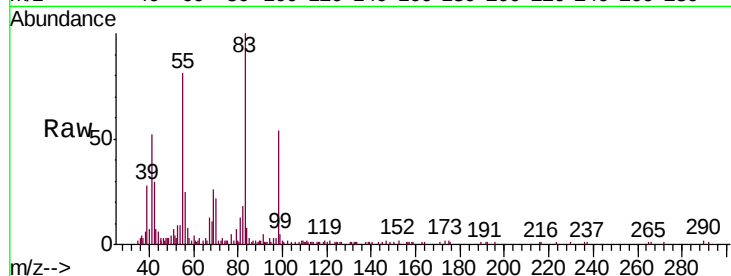




#38
Methylcyclohexane
Concen: 2.560 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX015236.D
Acq: 12 Mar 2020 15:44

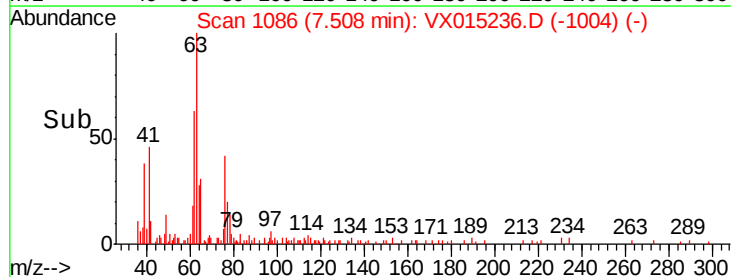
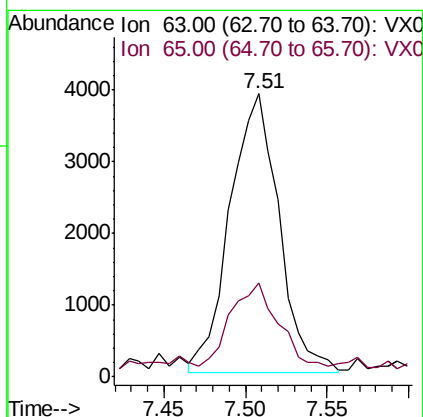
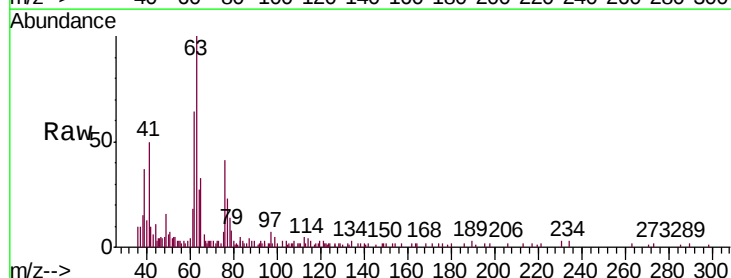
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

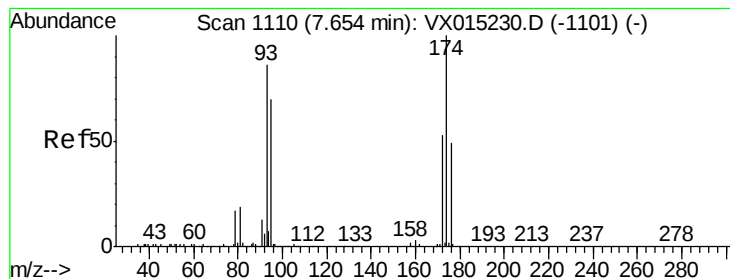
Tgt Ion: 83 Resp: 12090
Ion Ratio Lower Upper
83 100
55 81.1 39.1 117.2
98 49.6 24.4 73.2



#39
1,2-Dichloropropane
Concen: 2.671 ug/l
RT: 7.51 min Scan# 1086
Delta R.T. -0.00 min
Lab File: VX015236.D
Acq: 12 Mar 2020 15:44

Tgt Ion: 63 Resp: 8126
Ion Ratio Lower Upper
63 100
65 29.5 23.2 34.8





#40

Dibromomethane

Concen: 2.736 ug/l

RT: 7.65 min Scan# 1109

Delta R.T. -0.01 min

Lab File: VX015236.D

Acq: 12 Mar 2020 15:44

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

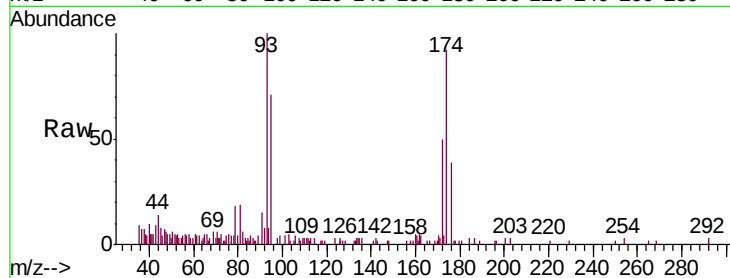
Tgt Ion: 93 Resp: 5291

Ion Ratio Lower Upper

93 100

95 79.9 0.0 162.6

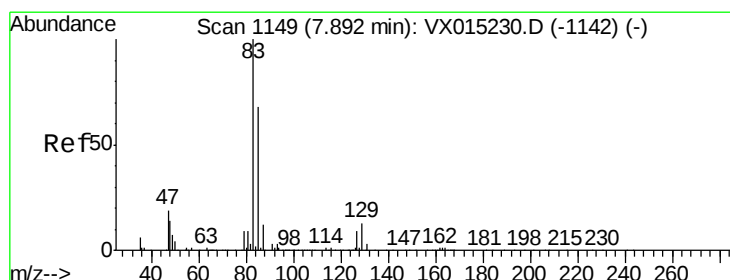
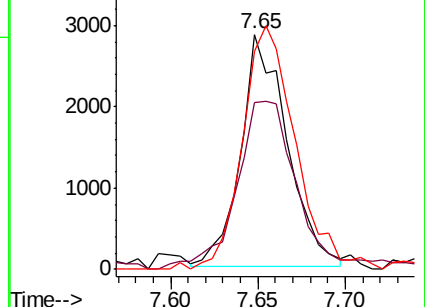
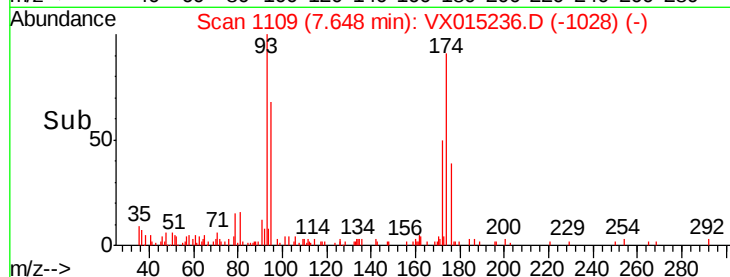
174 118.2 0.0 233.6



Abundance Ion 93.00 (92.70 to 93.70): VX0

Ion 95.00 (94.70 to 95.70): VX0

Ion 174.00 (173.70 to 174.70): V



#41

Bromodichloromethane

Concen: 2.673 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX015236.D

Acq: 12 Mar 2020 15:44

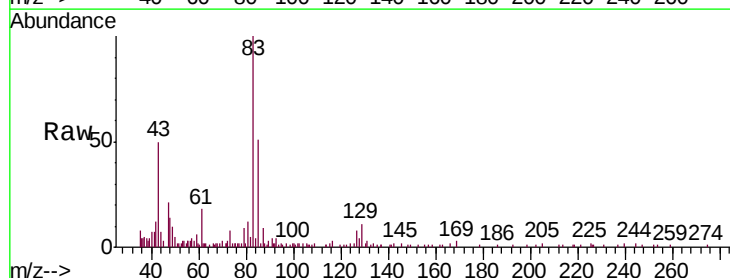
Tgt Ion: 83 Resp: 10222

Ion Ratio Lower Upper

83 100

85 49.7 54.2 81.4#

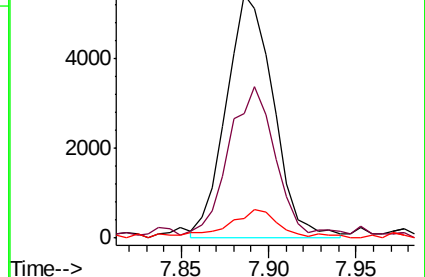
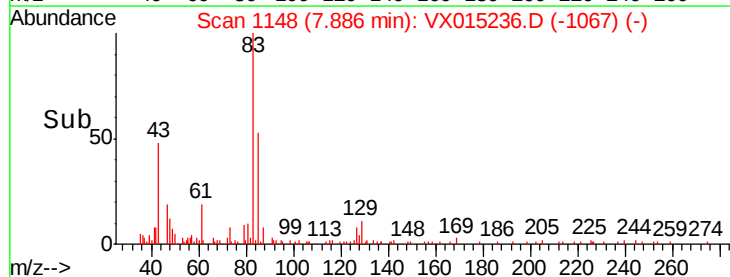
127 6.8 7.1 10.7#

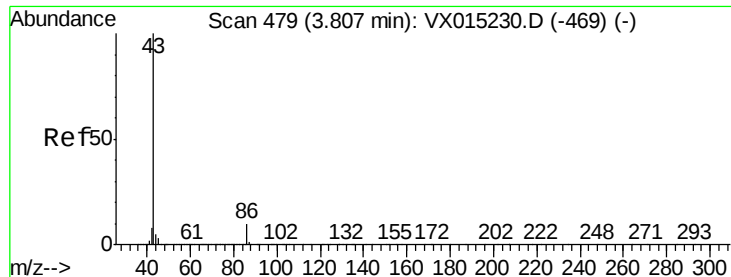


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 127.00 (126.70 to 127.70): V





#42

Vinyl Acetate

Concen: 11.488 ug/l

RT: 3.81 min Scan# 479

Delta R.T. -0.00 min

Lab File: VX015236.D

Acq: 12 Mar 2020 15:44

Instrument :

MSVOA_X

ClientSampleId :

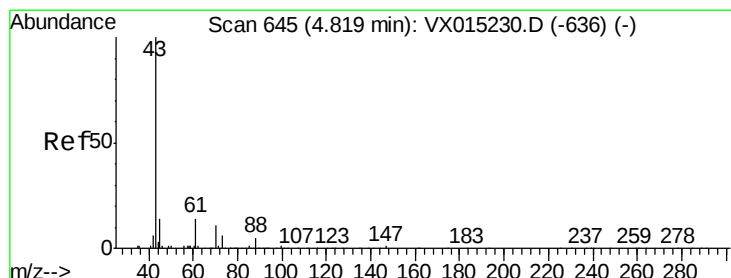
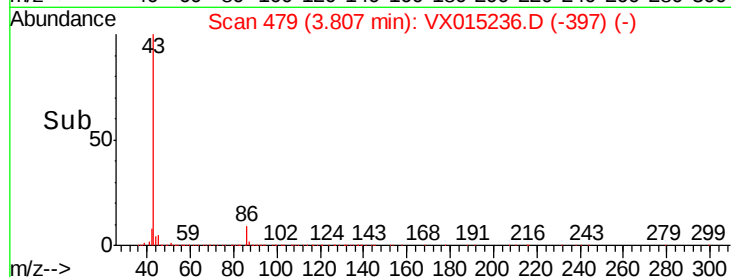
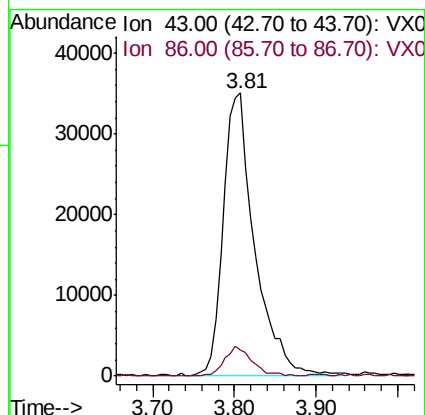
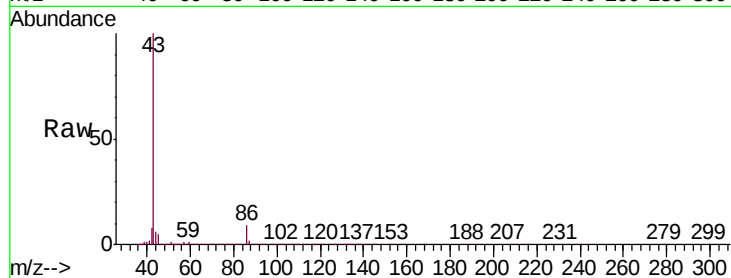
LOD-MDL-WATER-01-QT1-2020

Tgt Ion: 43 Resp: 94292

Ion Ratio Lower Upper

43 100

86 8.9 7.4 11.2



#43

Ethyl Acetate

Concen: 2.313 ug/l

RT: 4.82 min Scan# 645

Delta R.T. -0.00 min

Lab File: VX015236.D

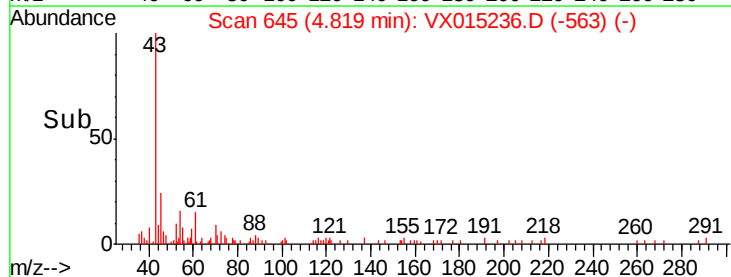
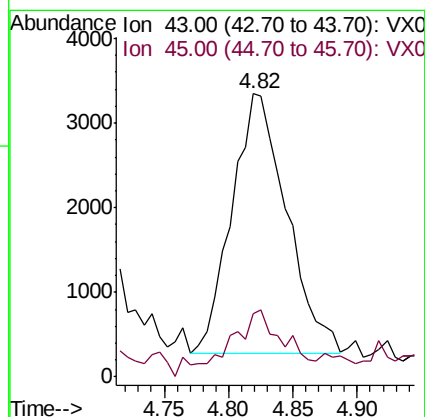
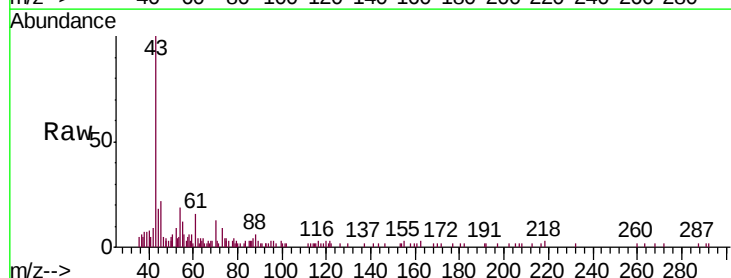
Acq: 12 Mar 2020 15:44

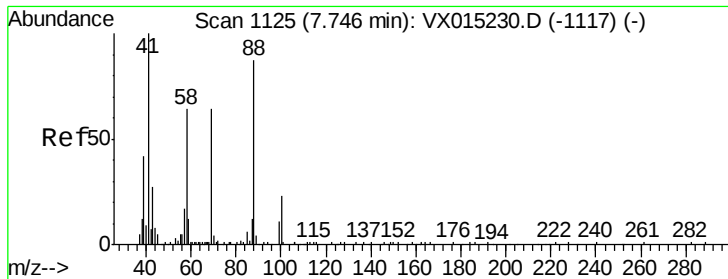
Tgt Ion: 43 Resp: 9133

Ion Ratio Lower Upper

43 100

45 9.5 11.7 17.5#

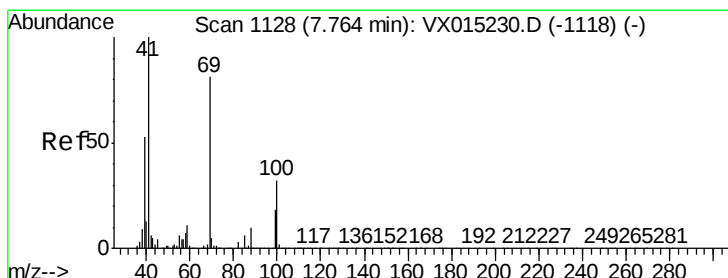
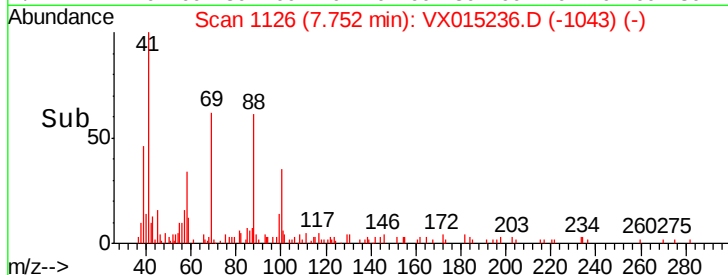
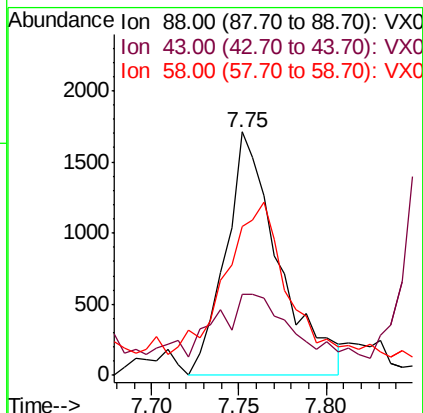
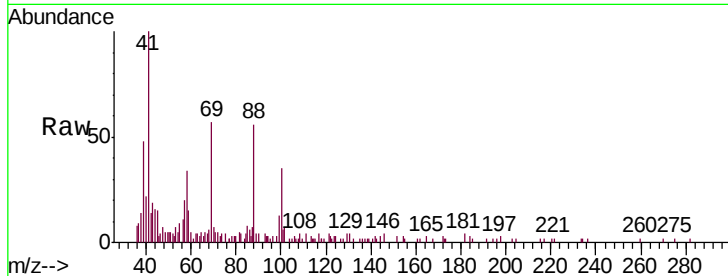




#45
 1,4-Dioxane
 Concen: 55.284 ug/l
 RT: 7.75 min Scan# 1126
 Delta R.T. 0.01 min
 Lab File: VX015236.D
 Acq: 12 Mar 2020 15:44

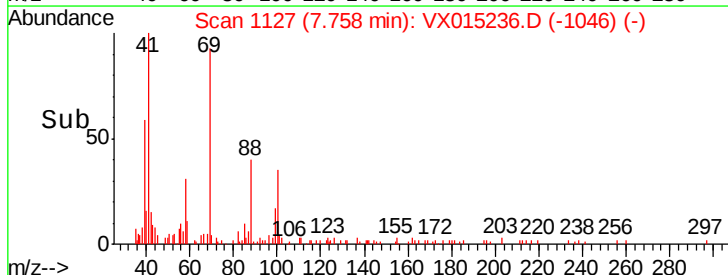
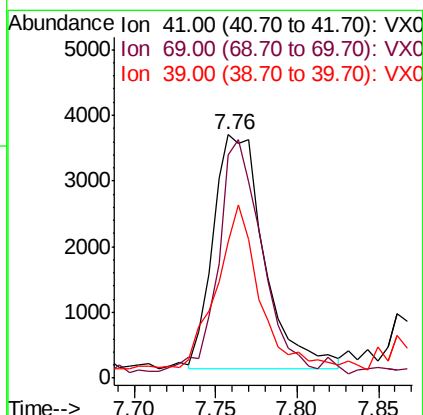
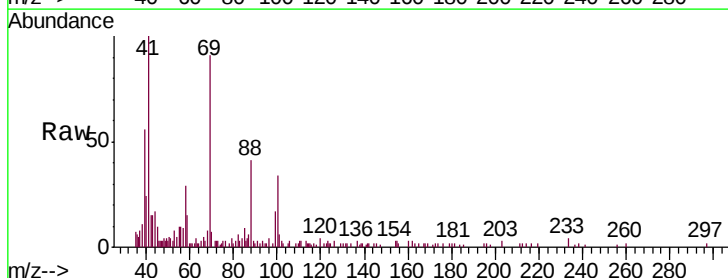
Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2020

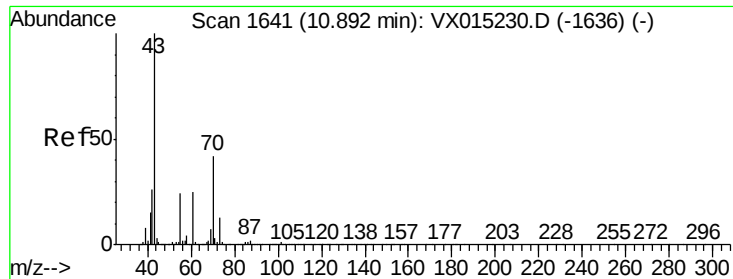
Tgt Ion: 88 Resp: 3627
 Ion Ratio Lower Upper
 88 100
 43 17.6 26.4 39.6#
 58 66.4 57.3 85.9



#46
 Methyl methacrylate
 Concen: 2.367 ug/l
 RT: 7.76 min Scan# 1127
 Delta R.T. -0.01 min
 Lab File: VX015236.D
 Acq: 12 Mar 2020 15:44

Tgt Ion: 41 Resp: 7797
 Ion Ratio Lower Upper
 41 100
 69 91.4 40.5 121.4
 39 53.3 26.6 79.8





#47

n-amyl Acetate

Concen: 1.836 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX015236.D

Acq: 12 Mar 2020 15:44

Instrument :

MSVOA_X

ClientSampleId :

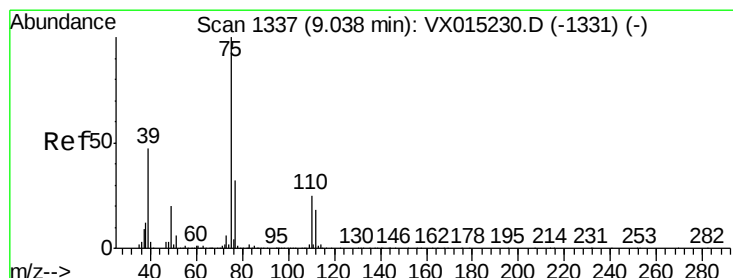
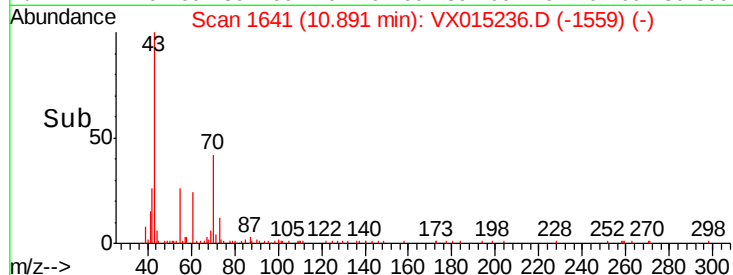
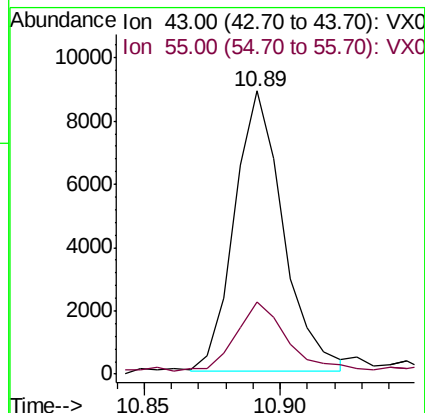
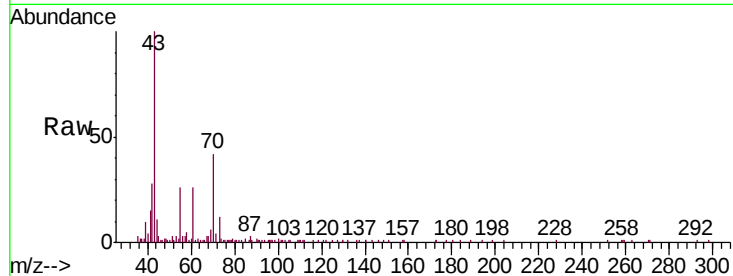
LOD-MDL-WATER-01-QT1-2020

Tgt Ion: 43 Resp: 11006

Ion Ratio Lower Upper

43 100

55 25.3 20.4 30.6



#48

t-1,3-Dichloropropene

Concen: 2.208 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. -0.00 min

Lab File: VX015236.D

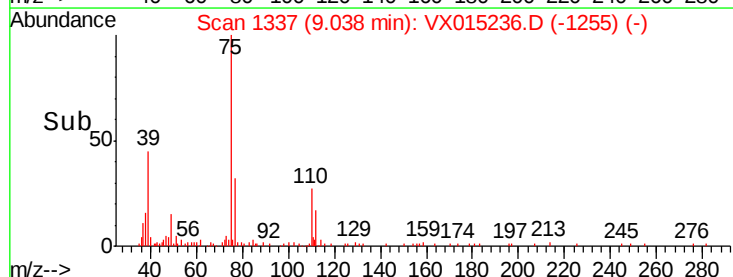
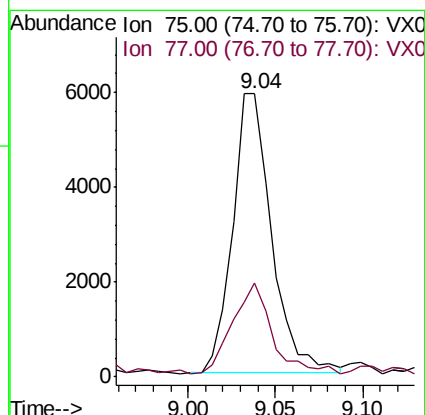
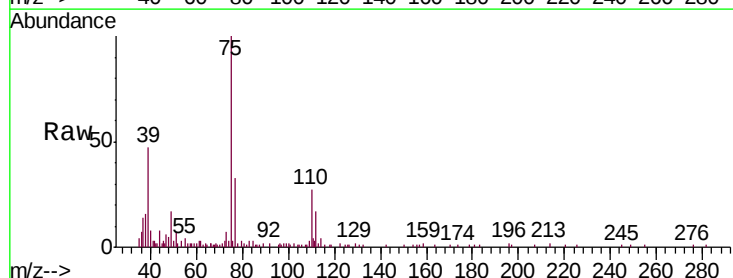
Acq: 12 Mar 2020 15:44

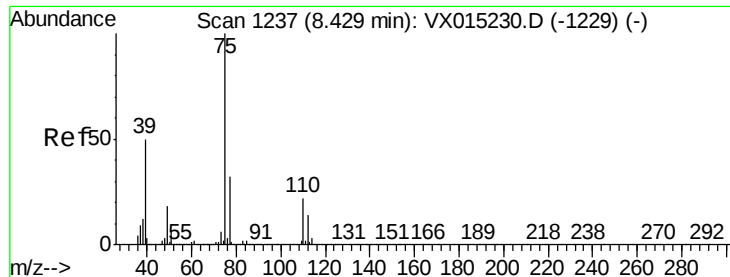
Tgt Ion: 75 Resp: 9183

Ion Ratio Lower Upper

75 100

77 32.5 25.1 37.7





#49

cis-1,3-Dichloropropene

Concen: 2.227 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VX015236.D

Acq: 12 Mar 2020 15:44

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

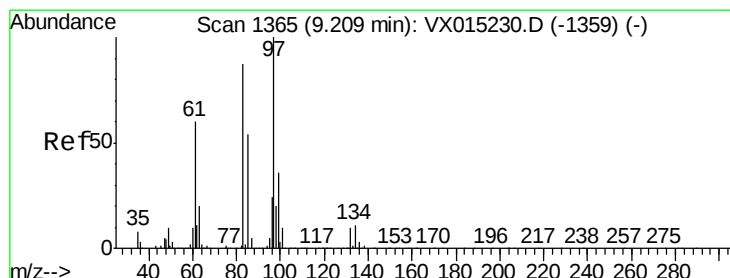
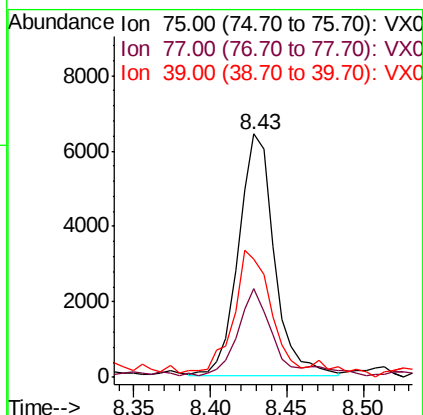
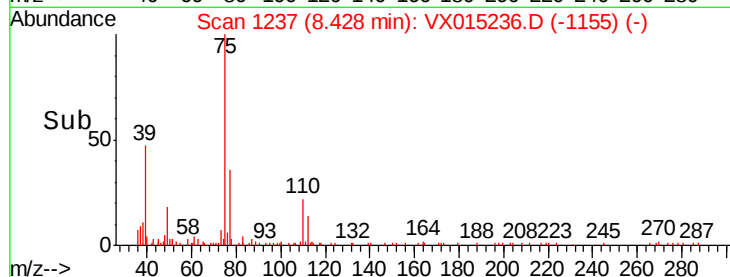
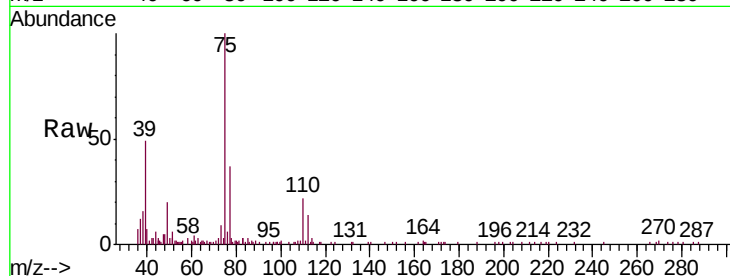
Tgt Ion: 75 Resp: 10517

Ion Ratio Lower Upper

75 100

77 38.0 25.3 37.9#

39 46.3 39.8 59.6



#50

1,1,2-Trichloroethane

Concen: 2.231 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. -0.00 min

Lab File: VX015236.D

Acq: 12 Mar 2020 15:44

Tgt Ion: 97 Resp: 6380

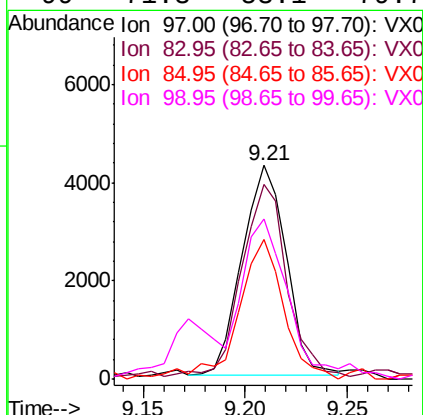
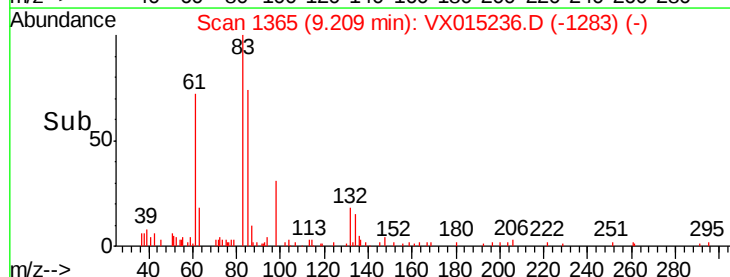
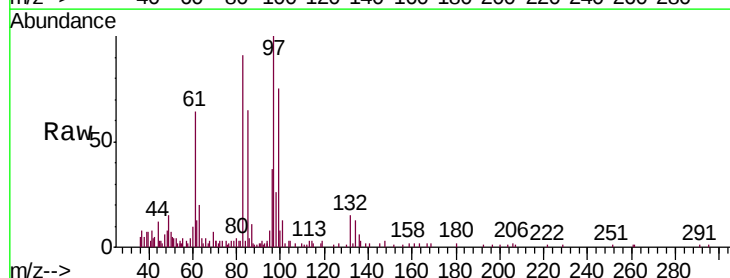
Ion Ratio Lower Upper

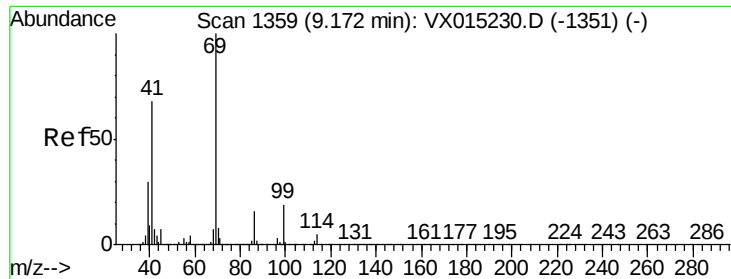
97 100

83 90.0 69.7 104.5

85 66.7 45.4 68.0

99 71.3 53.1 79.7





#51

Ethyl methacrylate

Concen: 2.119 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. -0.00 min

Lab File: VX015236.D

Acq: 12 Mar 2020 15:44

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

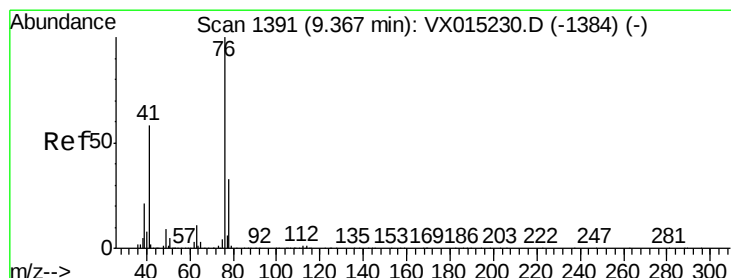
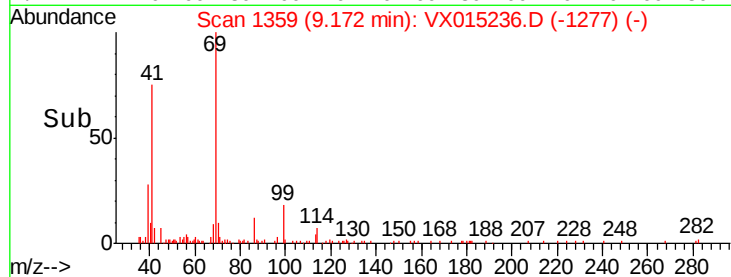
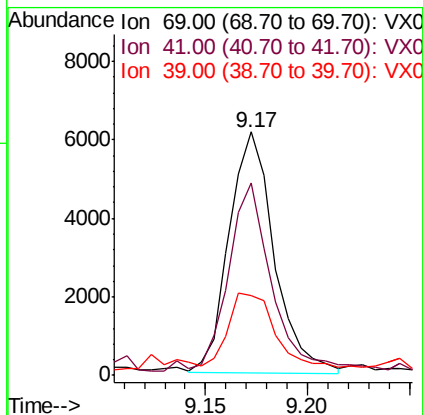
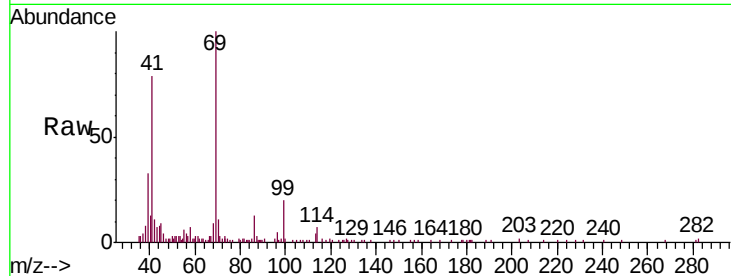
Tgt Ion: 69 Resp: 9452

Ion Ratio Lower Upper

69 100

41 77.3 33.8 101.3

39 30.3 15.1 45.3



#52

1,3-Dichloropropane

Concen: 2.582 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX015236.D

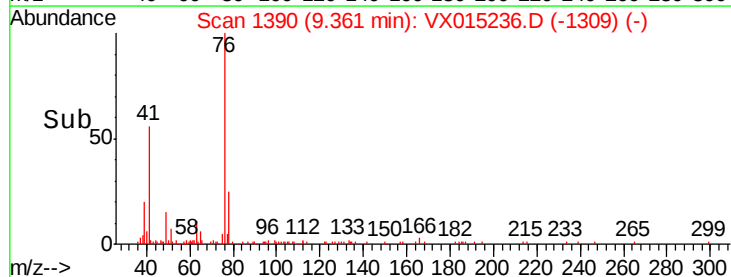
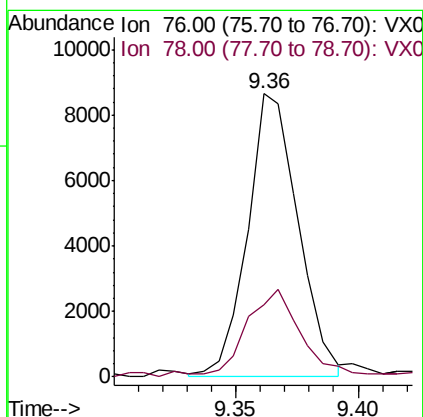
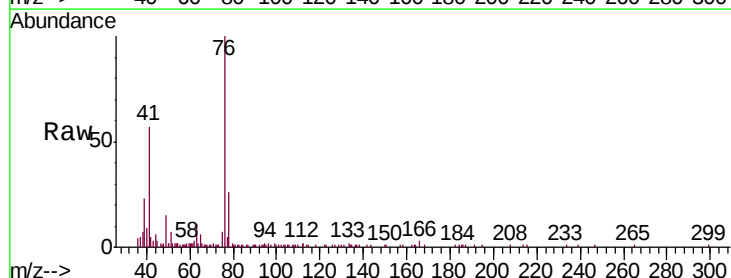
Acq: 12 Mar 2020 15:44

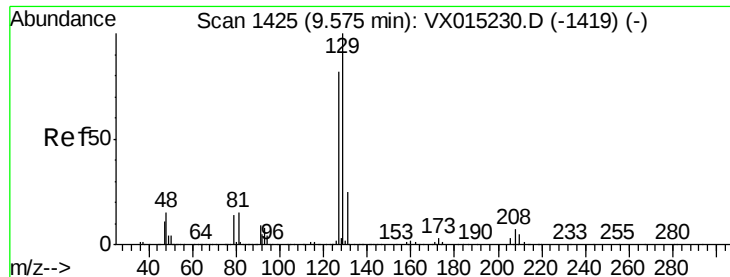
Tgt Ion: 76 Resp: 12496

Ion Ratio Lower Upper

76 100

78 33.0 0.0 65.2





#53

Dibromochloromethane

Concen: 2.305 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. -0.00 min

Lab File: VX015236.D

Acq: 12 Mar 2020 15:44

Instrument :

MSVOA_X

ClientSampleId :

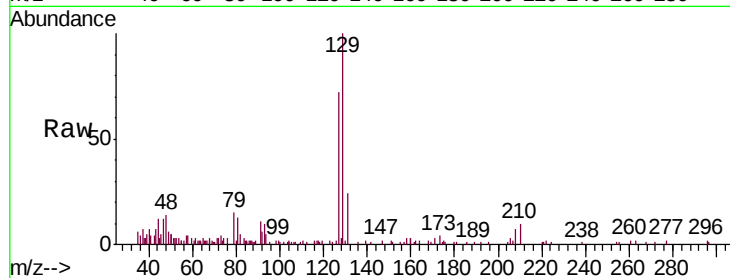
LOD-MDL-WATER-01-QT1-2020

Tgt Ion:129 Resp: 7018

Ion Ratio Lower Upper

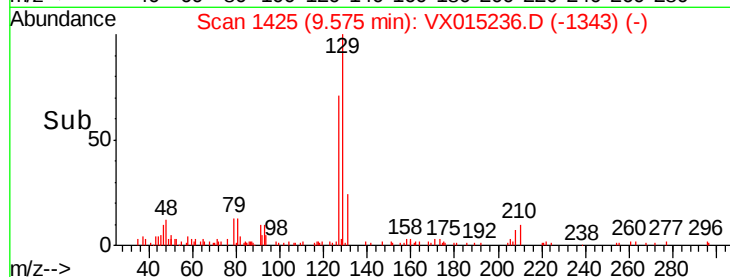
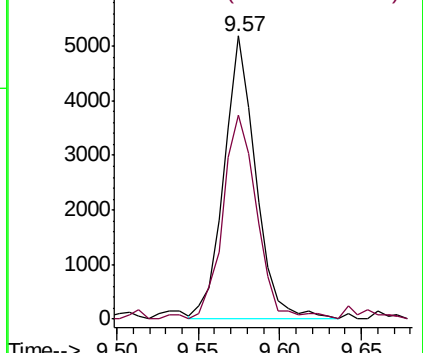
129 100

127 74.8 40.4 121.1



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 2.668 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX015236.D

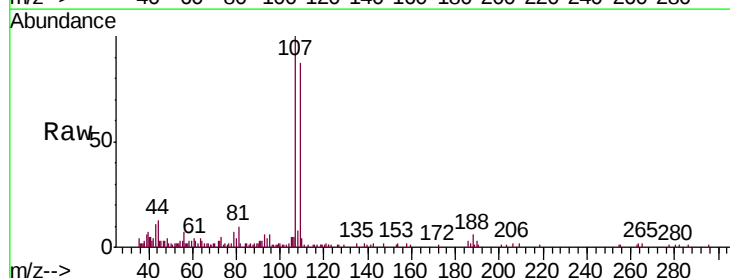
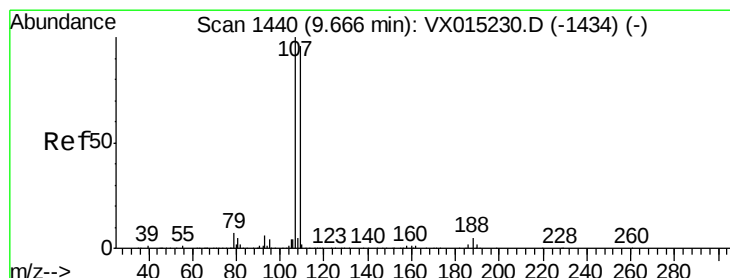
Acq: 12 Mar 2020 15:44

Tgt Ion:107 Resp: 7871

Ion Ratio Lower Upper

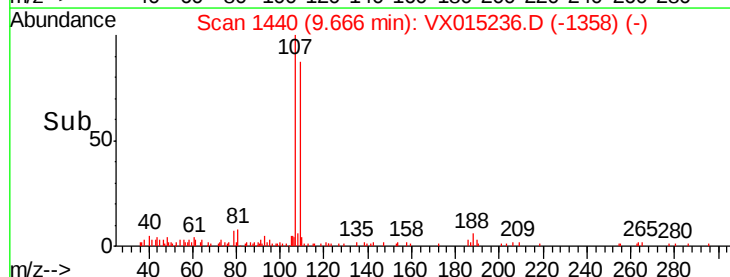
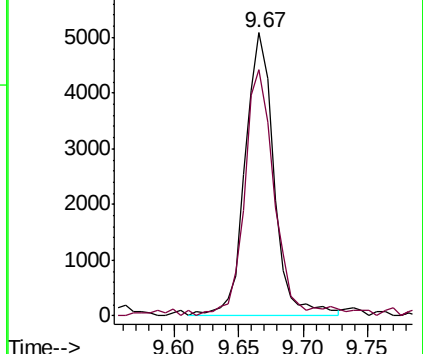
107 100

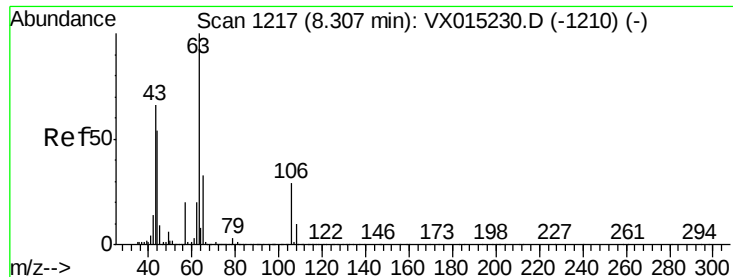
109 87.4 75.0 112.4



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

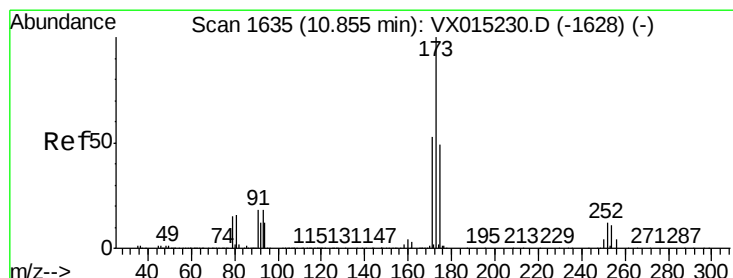
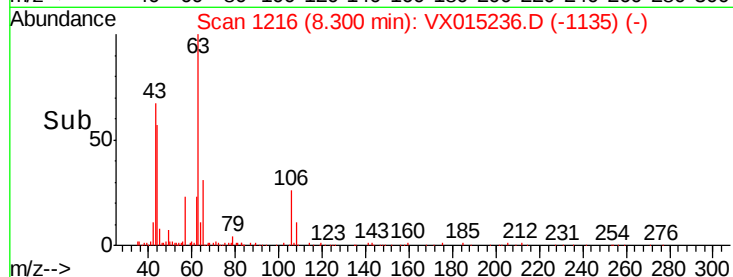
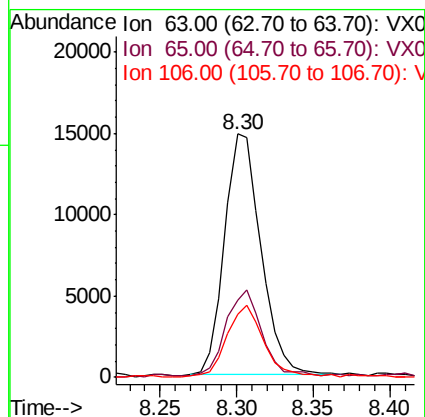
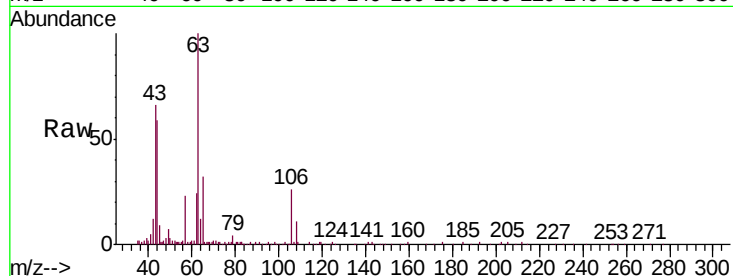




#55
 2-Chloroethyl vinyl ether
 Concen: 10.913 ug/l
 RT: 8.30 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: VX015236.D
 Acq: 12 Mar 2020 15:44

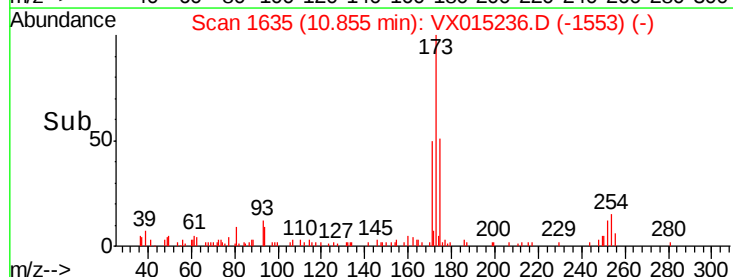
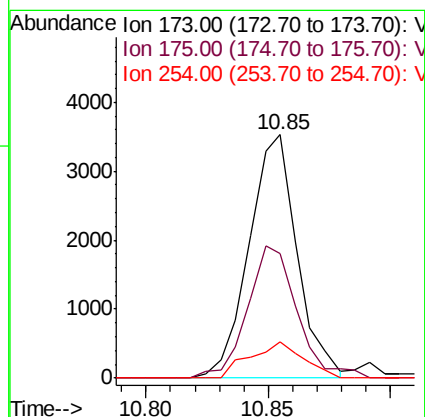
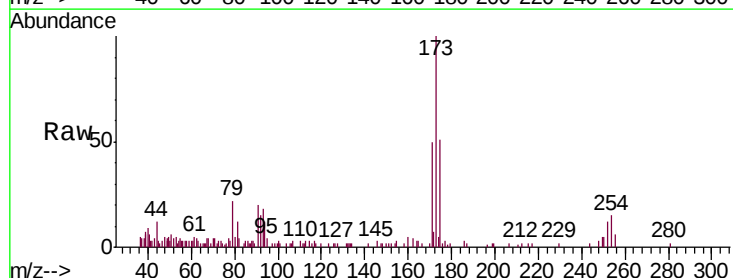
Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2020

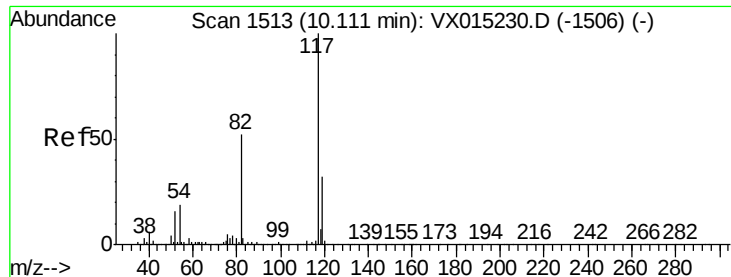
Tgt Ion:	63	Resp:	24385
Ion	Ratio	Lower	Upper
63	100		
65	33.9	25.6	38.4
106	29.8	23.0	34.4



#56
 Bromoform
 Concen: 2.036 ug/l
 RT: 10.85 min Scan# 1635
 Delta R.T. -0.00 min
 Lab File: VX015236.D
 Acq: 12 Mar 2020 15:44

Tgt Ion:	173	Resp:	4862
Ion	Ratio	Lower	Upper
173	100		
175	53.9	38.9	58.3
254	16.4	9.1	13.7#

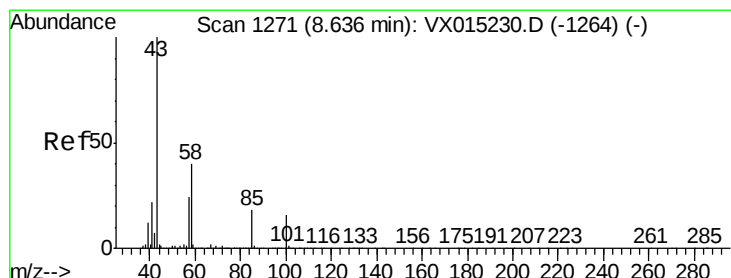
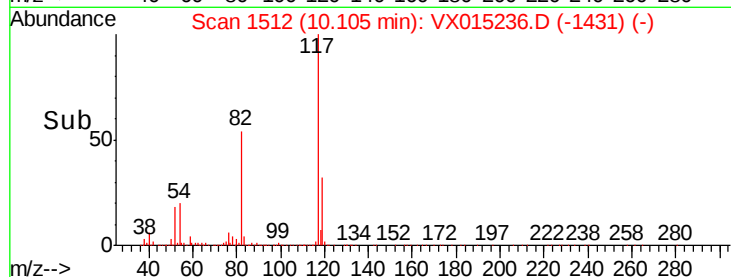
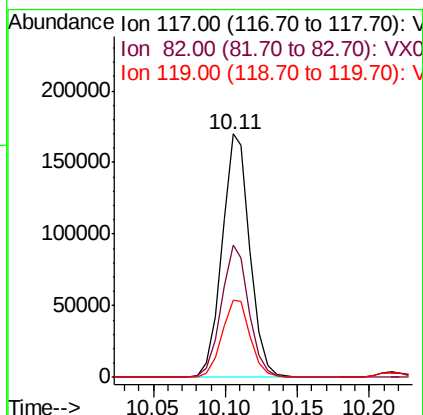
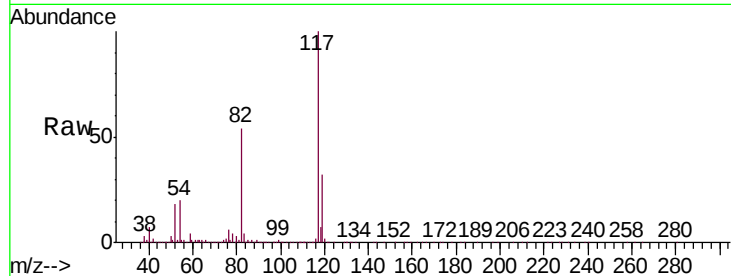




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX015236.D
Acq: 12 Mar 2020 15:44

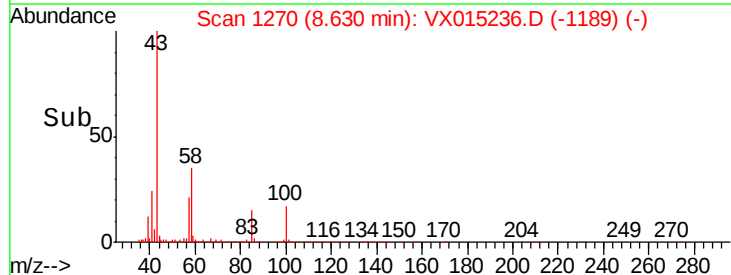
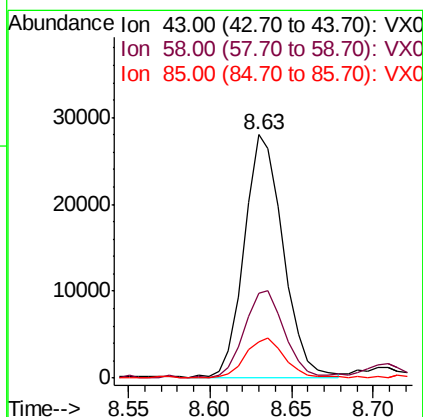
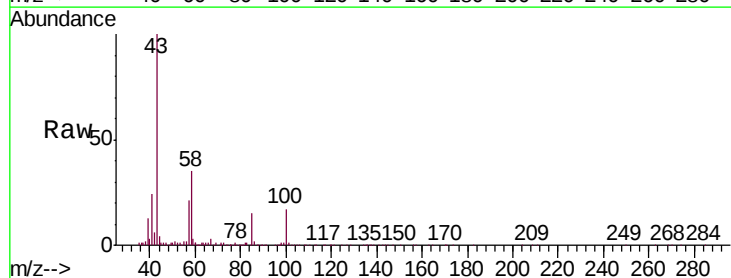
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

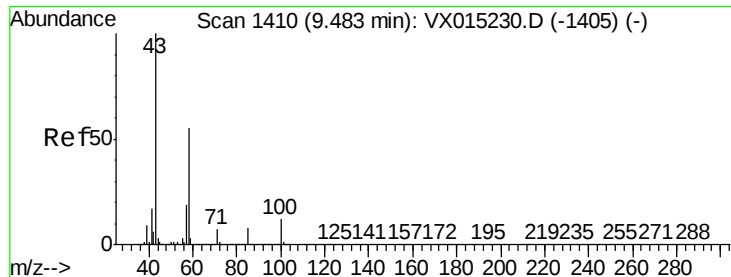
Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.7	43.2	64.8
119	32.3	25.8	38.8



#58
4-Methyl-2-Pentanone
Concen: 11.728 ug/l
RT: 8.63 min Scan# 1270
Delta R.T. -0.01 min
Lab File: VX015236.D
Acq: 12 Mar 2020 15:44

Tgt Ion	Ratio	Lower	Upper
43	100		
58	37.2	31.6	47.4
85	17.1	13.8	20.8

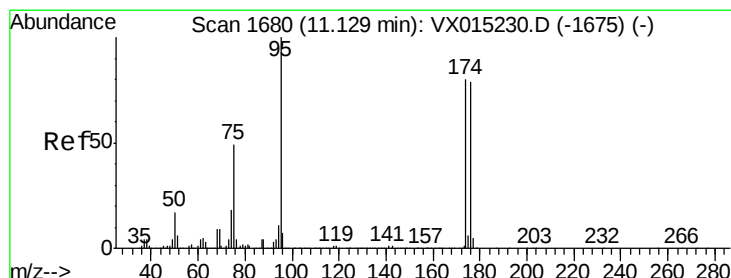
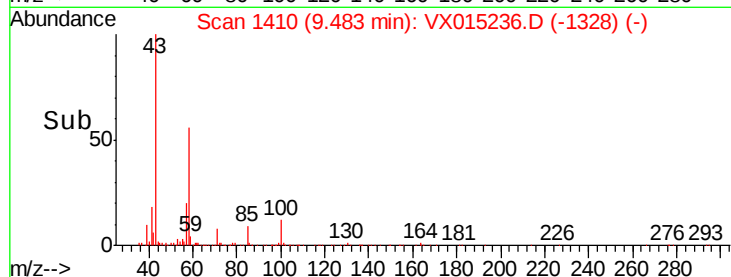
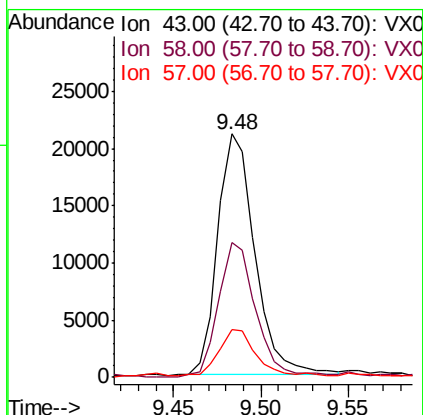
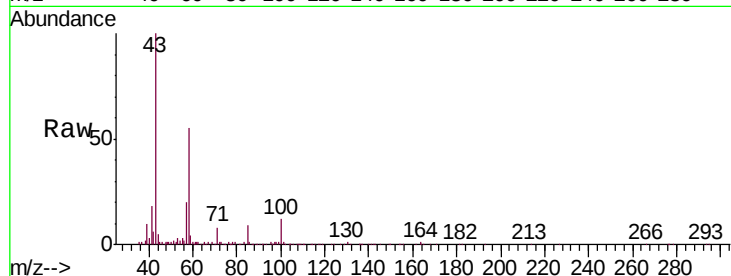




#59
2-Hexanone
Concen: 10.531 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX015236.D
Acq: 12 Mar 2020 15:44

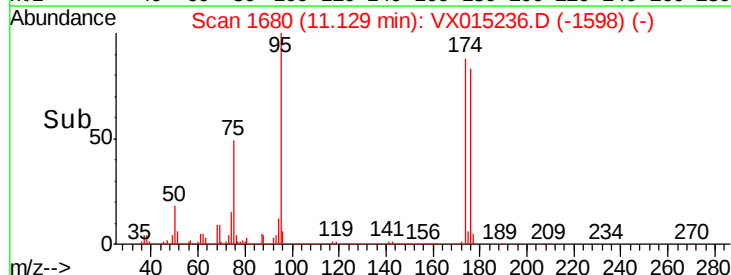
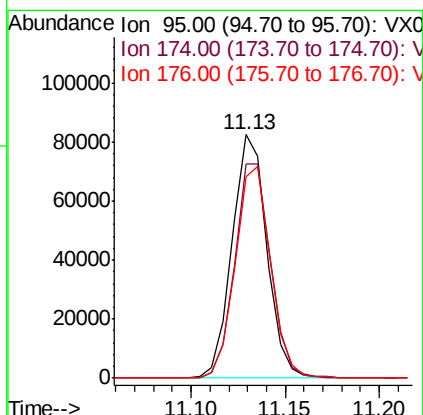
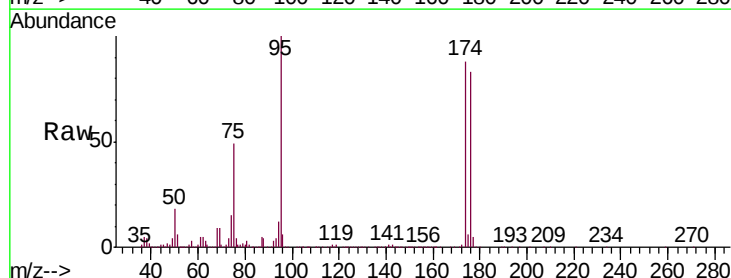
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

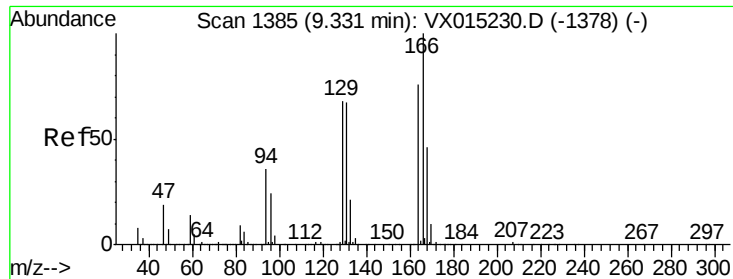
Tgt Ion: 43 Resp: 31251
Ion Ratio Lower Upper
43 100
58 56.2 44.6 66.8
57 19.1 14.6 21.8



#60
4-Bromofluorobenzene
Concen: 28.734 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VX015236.D
Acq: 12 Mar 2020 15:44

Tgt Ion: 95 Resp: 105491
Ion Ratio Lower Upper
95 100
174 91.1 72.0 108.0
176 88.4 70.1 105.1

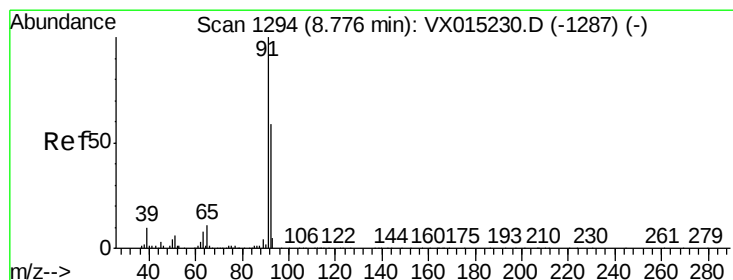
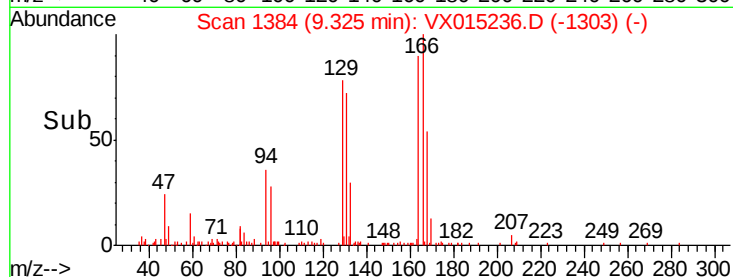
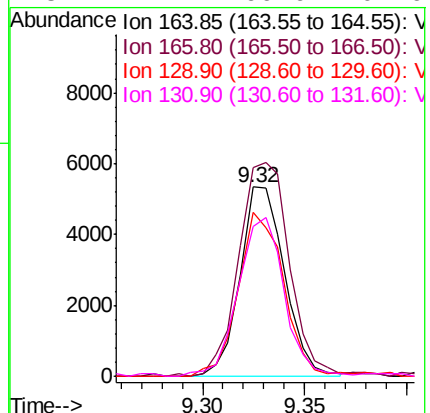
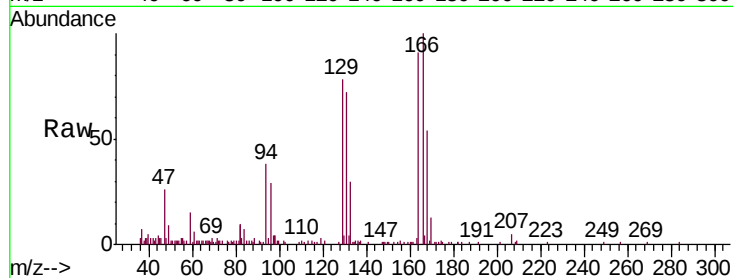




#61
Tetrachloroethene
Concen: 2.529 ug/l
RT: 9.32 min Scan# 1384
Delta R.T. -0.01 min
Lab File: VX015236.D
Acq: 12 Mar 2020 15:44

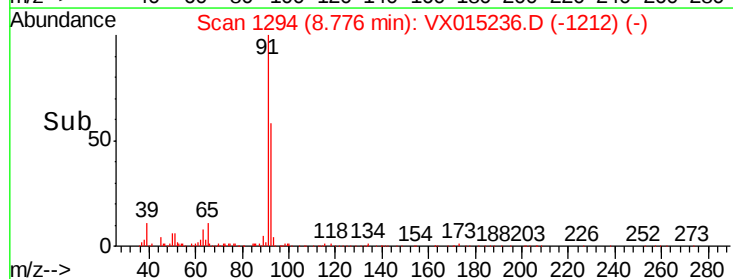
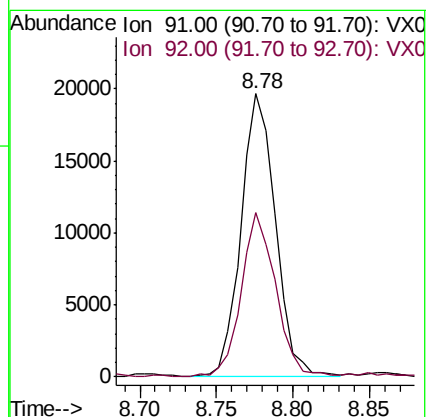
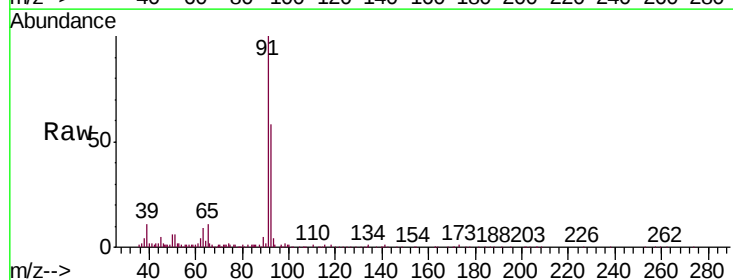
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

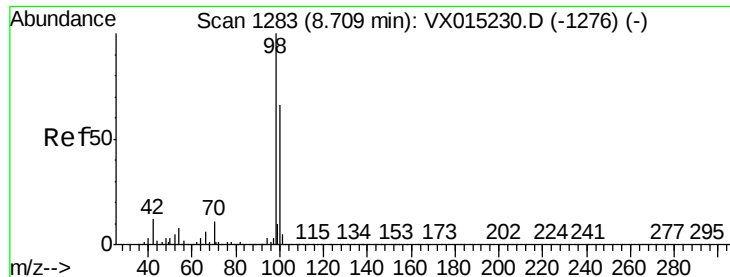
Tgt Ion:164 Resp: 8118
Ion Ratio Lower Upper
164 100
166 110.3 105.1 157.7
129 86.3 71.5 107.3
131 77.7 69.9 104.9



#62
Toluene
Concen: 2.525 ug/l
RT: 8.78 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX015236.D
Acq: 12 Mar 2020 15:44

Tgt Ion: 91 Resp: 30813
Ion Ratio Lower Upper
91 100
92 57.3 47.1 70.7





#63

Toluene-d8

Concen: 30.644 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX015236.D

Acq: 12 Mar 2020 15:44

Instrument :

MSVOA_X

ClientSampleId :

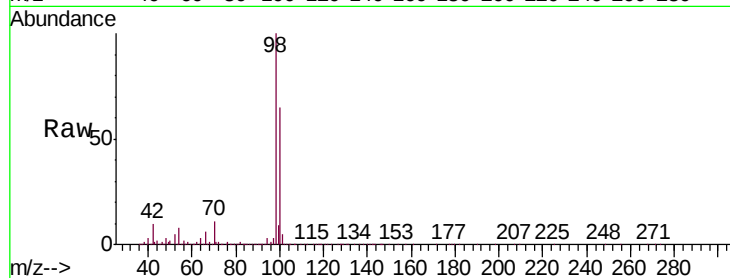
LOD-MDL-WATER-01-QT1-2020

Tgt Ion: 98 Resp: 302719

Ion Ratio Lower Upper

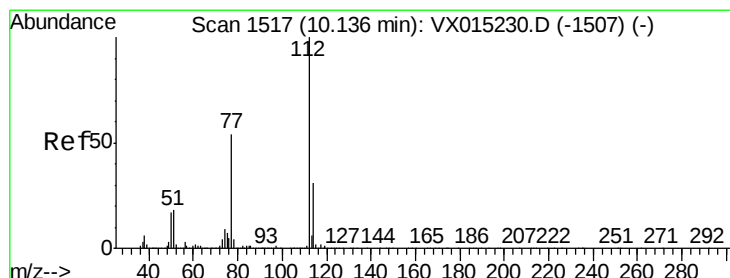
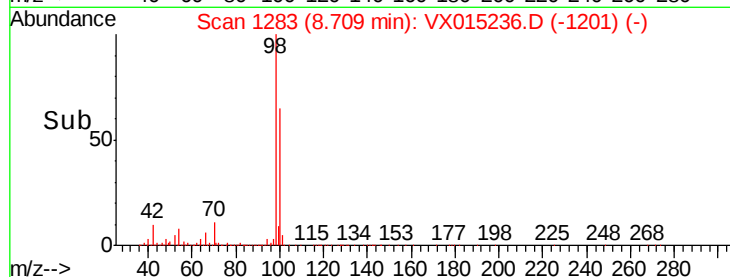
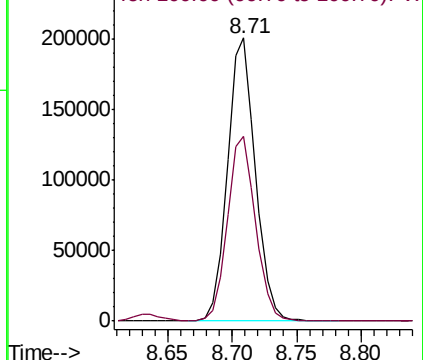
98 100

100 65.7 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#64

Chlorobenzene

Concen: 2.552 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VX015236.D

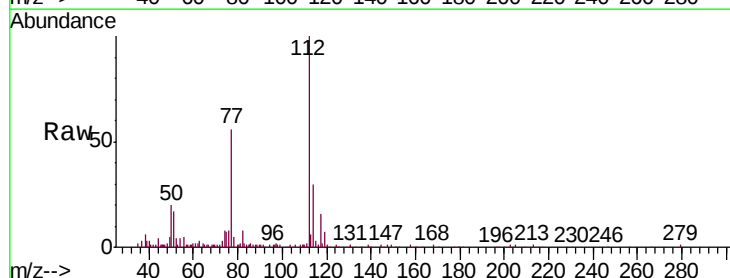
Acq: 12 Mar 2020 15:44

Tgt Ion: 112 Resp: 19902

Ion Ratio Lower Upper

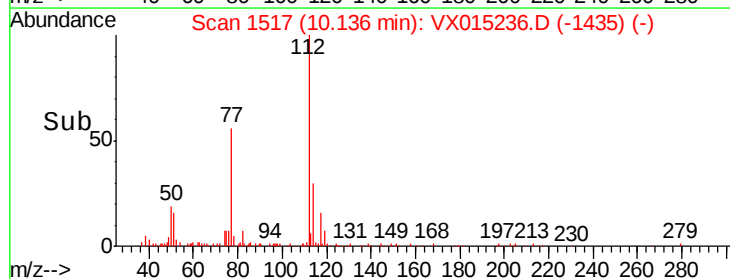
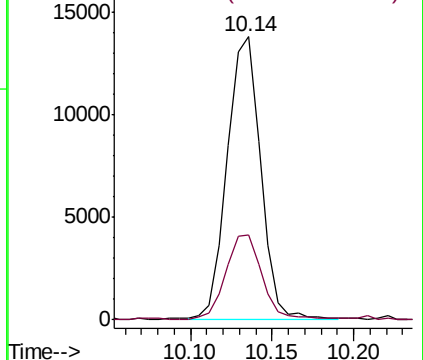
112 100

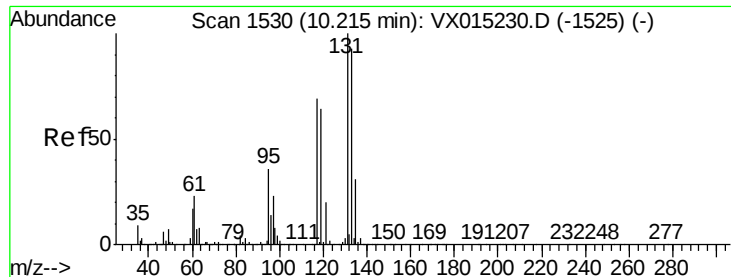
114 30.1 24.8 37.2



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

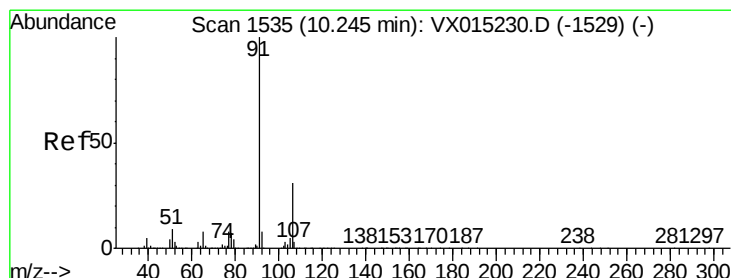
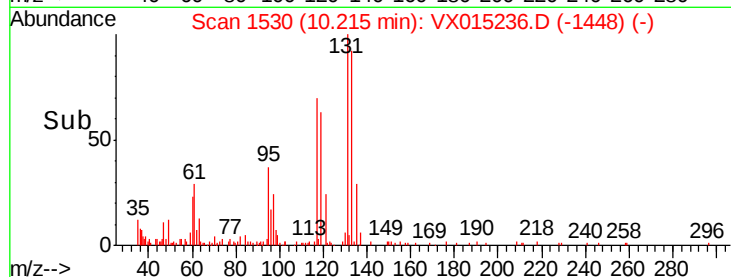
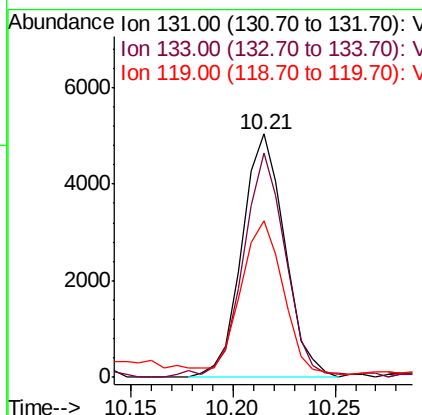
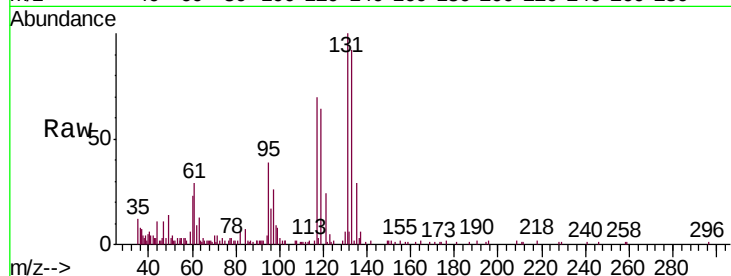




#65
 1,1,1,2-Tetrachloroethane
 Concen: 2.557 ug/l
 RT: 10.21 min Scan# 1530
 Delta R.T. -0.00 min
 Lab File: VX015236.D
 Acq: 12 Mar 2020 15:44

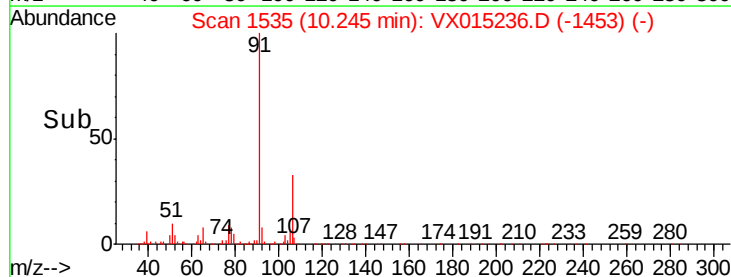
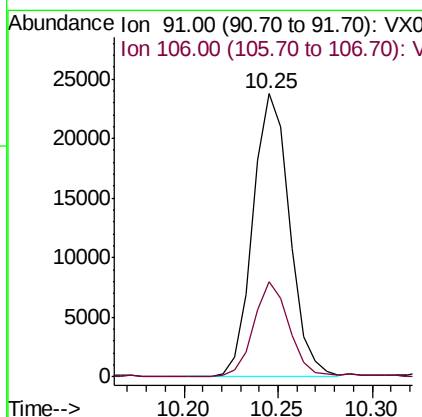
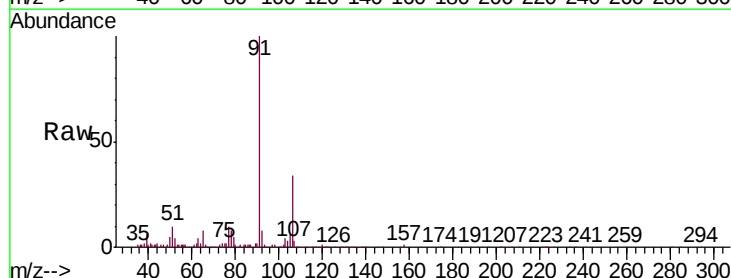
Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2020

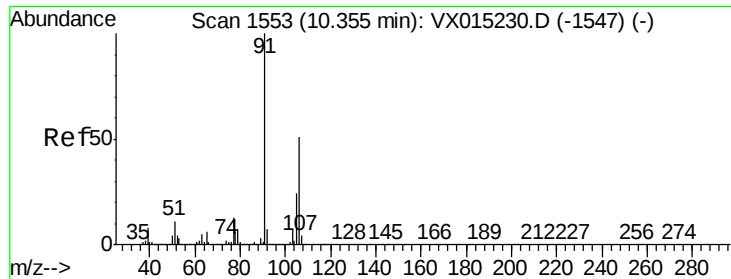
Tgt Ion: 131 Resp: 7344
 Ion Ratio Lower Upper
 131 100
 133 89.6 0.0 188.0
 119 65.6 0.0 131.0



#66
 Ethyl Benzene
 Concen: 2.370 ug/l
 RT: 10.25 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VX015236.D
 Acq: 12 Mar 2020 15:44

Tgt Ion: 91 Resp: 32220
 Ion Ratio Lower Upper
 91 100
 106 34.0 24.9 37.3





#67

m/p-Xylenes

Concen: 4.414 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX015236.D

Acq: 12 Mar 2020 15:44

Instrument :

MSVOA_X

ClientSampleId :

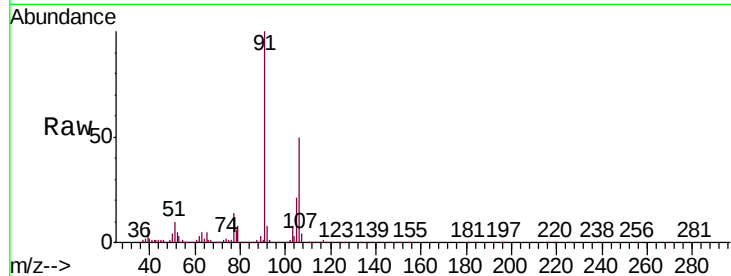
LOD-MDL-WATER-01-QT1-2020

Tgt Ion:106 Resp: 23035

Ion Ratio Lower Upper

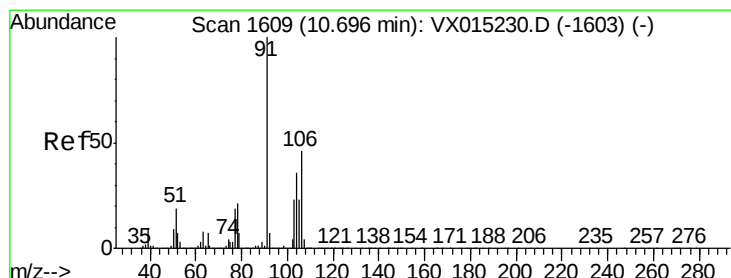
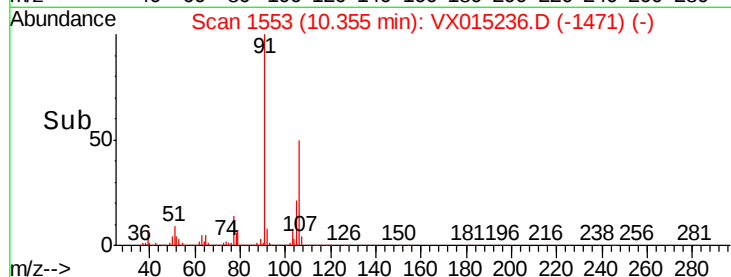
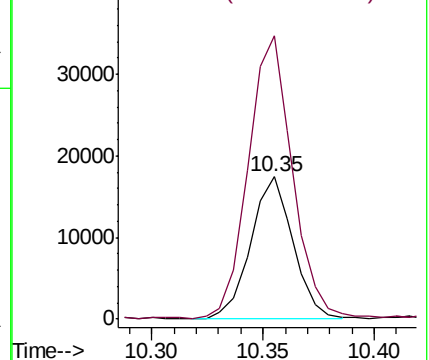
106 100

91 207.0 160.1 240.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 2.292 ug/l

RT: 10.70 min Scan# 1609

Delta R.T. -0.00 min

Lab File: VX015236.D

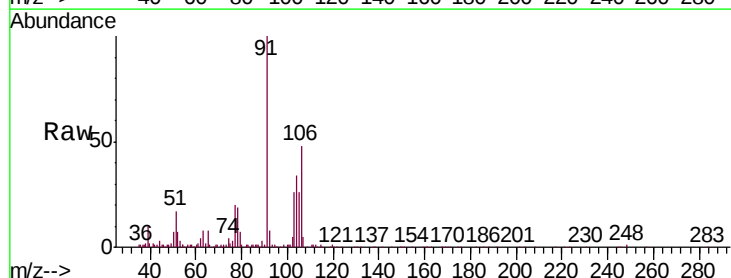
Acq: 12 Mar 2020 15:44

Tgt Ion:106 Resp: 11466

Ion Ratio Lower Upper

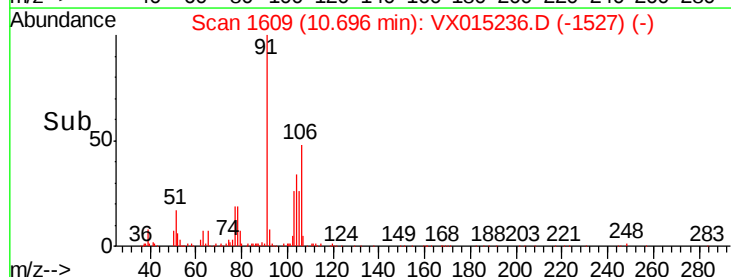
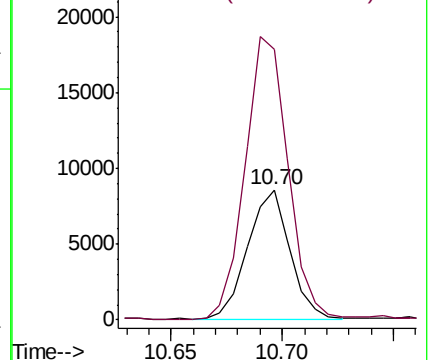
106 100

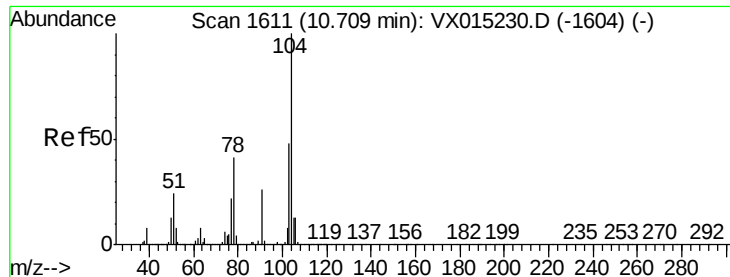
91 221.5 106.4 319.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





#69

Styrene

Concen: 2.111 ug/l

RT: 10.71 min Scan# 1611

Delta R.T. -0.00 min

Lab File: VX015236.D

Acq: 12 Mar 2020 15:44

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

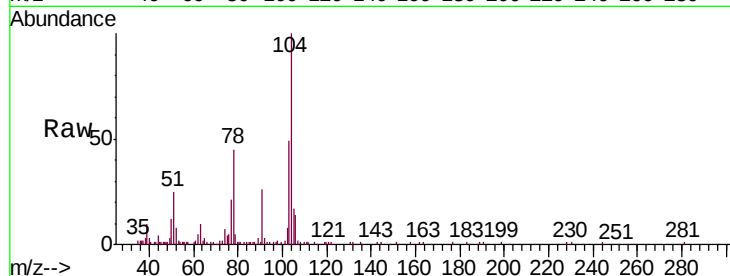
Tgt Ion:104 Resp: 18380

Ion Ratio Lower Upper

104 100

78 49.9 38.9 58.3

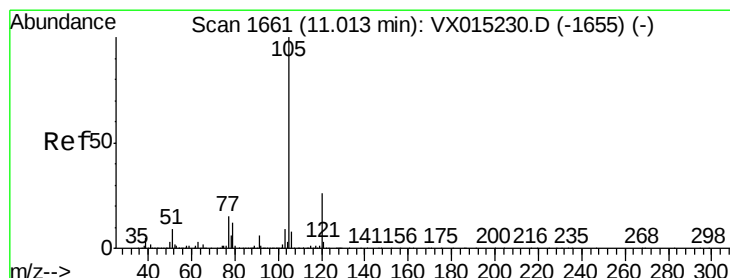
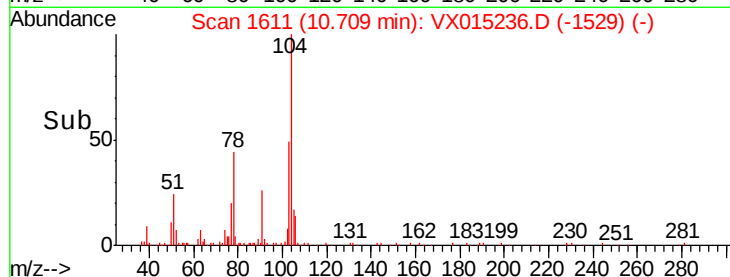
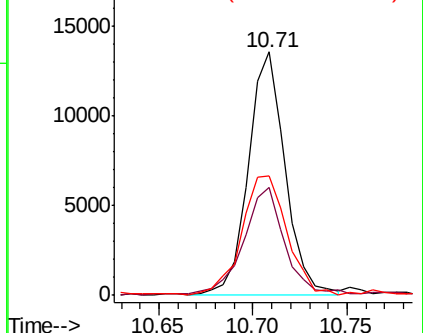
103 60.4 43.2 64.8



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#70

Isopropylbenzene

Concen: 2.379 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX015236.D

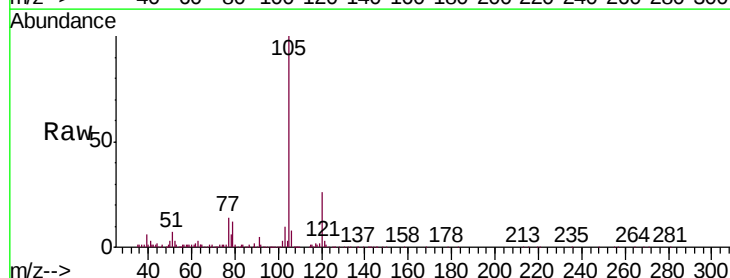
Acq: 12 Mar 2020 15:44

Tgt Ion:105 Resp: 31678

Ion Ratio Lower Upper

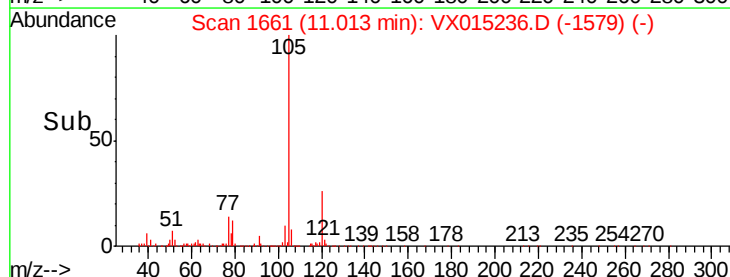
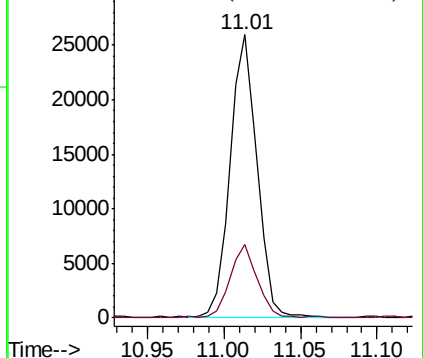
105 100

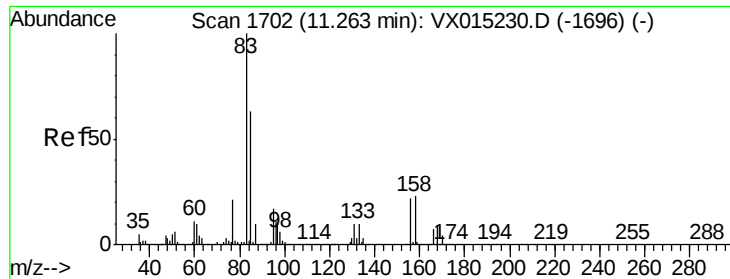
120 26.1 18.6 34.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

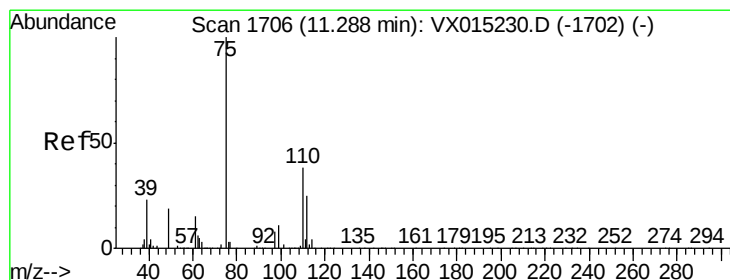
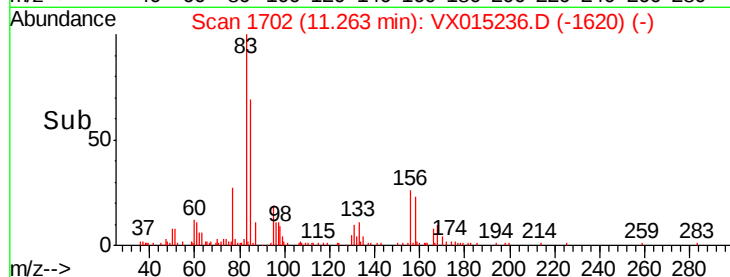
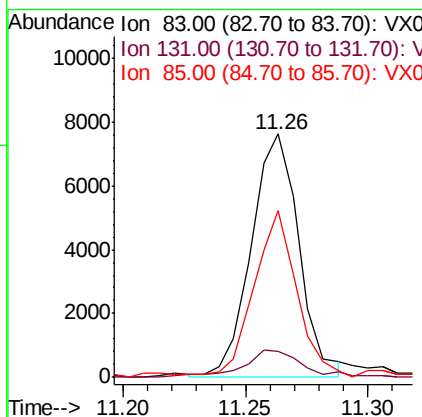
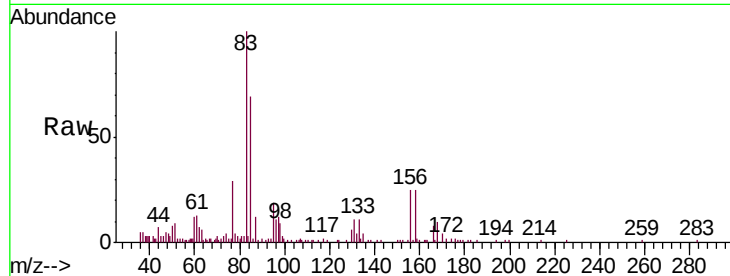




#71
 1,1,2,2-Tetrachloroethane
 Concen: 2.404 ug/l
 RT: 11.26 min Scan# 1702
 Delta R.T. -0.00 min
 Lab File: VX015236.D
 Acq: 12 Mar 2020 15:44

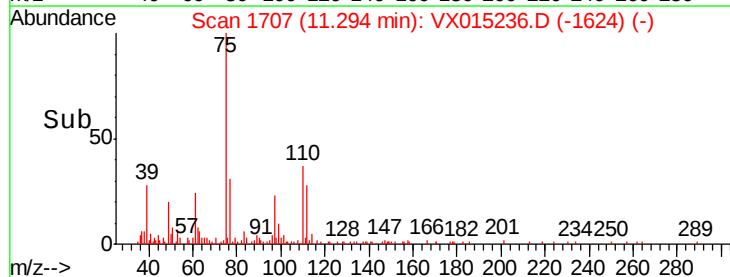
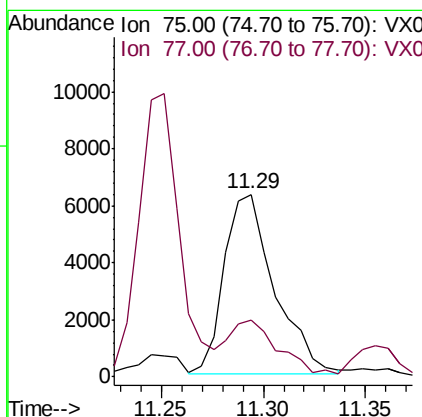
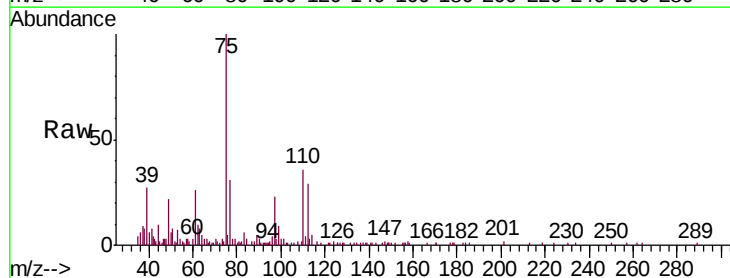
Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2020

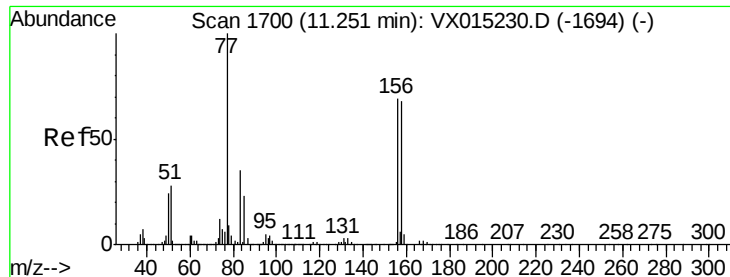
Tgt Ion: 83 Resp: 10393
 Ion Ratio Lower Upper
 83 100
 131 12.8 5.0 14.9
 85 61.4 31.8 95.4



#72
 1,2,3-Trichloropropane
 Concen: 3.062 ug/l
 RT: 11.29 min Scan# 1707
 Delta R.T. 0.01 min
 Lab File: VX015236.D
 Acq: 12 Mar 2020 15:44

Tgt Ion: 75 Resp: 10835
 Ion Ratio Lower Upper
 75 100
 77 30.0 0.0 83.0





#73

Bromobenzene

Concen: 2.418 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX015236.D

Acq: 12 Mar 2020 15:44

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

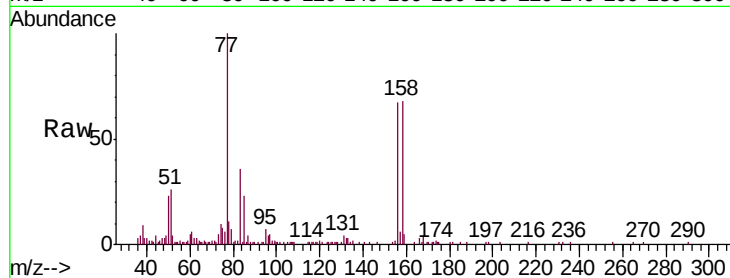
Tgt Ion:156 Resp: 8781

Ion Ratio Lower Upper

156 100

77 155.4 0.0 305.0

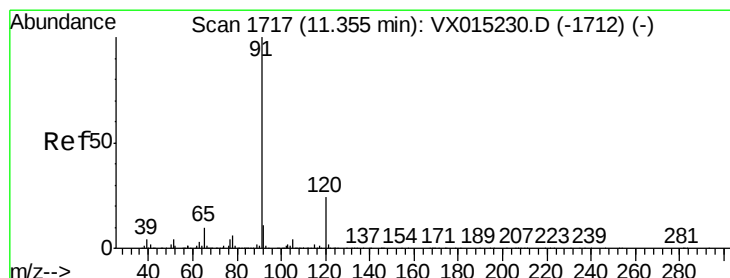
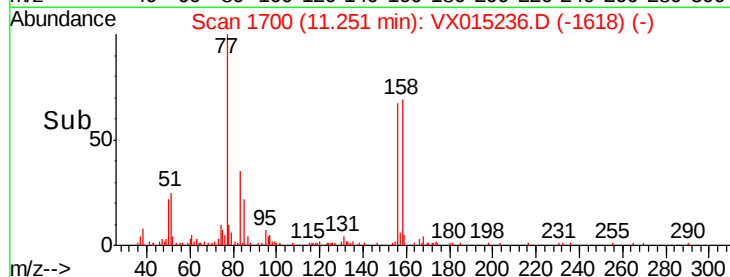
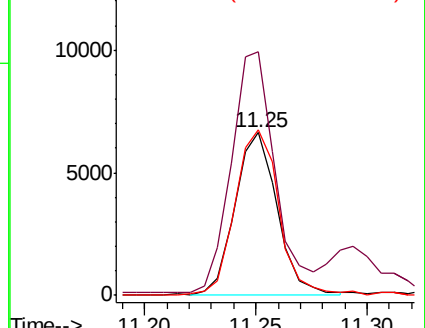
158 104.8 0.0 197.2



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 2.143 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX015236.D

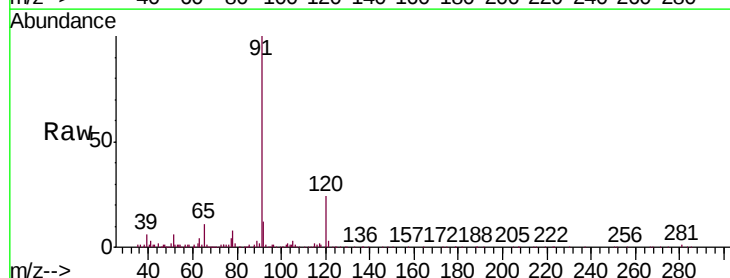
Acq: 12 Mar 2020 15:44

Tgt Ion: 91 Resp: 33710

Ion Ratio Lower Upper

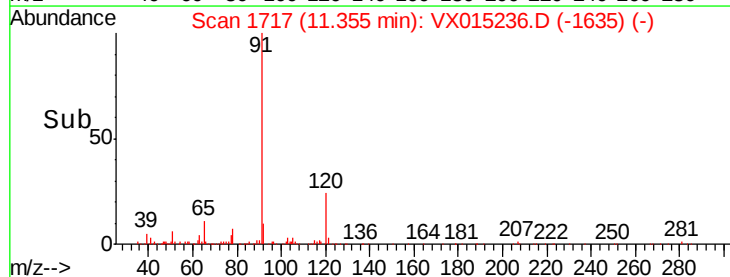
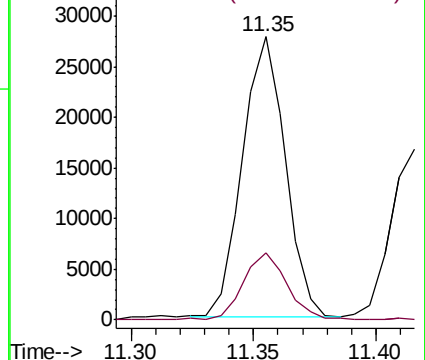
91 100

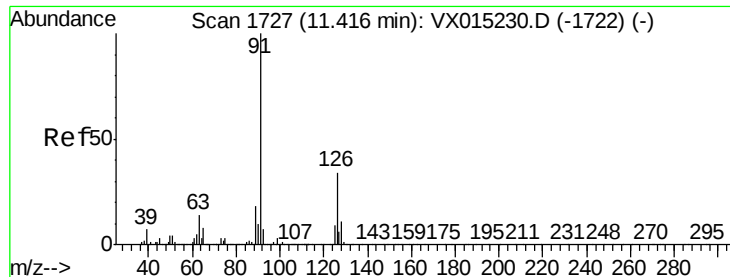
120 24.2 0.0 47.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 2.237 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX015236.D

Acq: 12 Mar 2020 15:44

Instrument :

MSVOA_X

ClientSampleId :

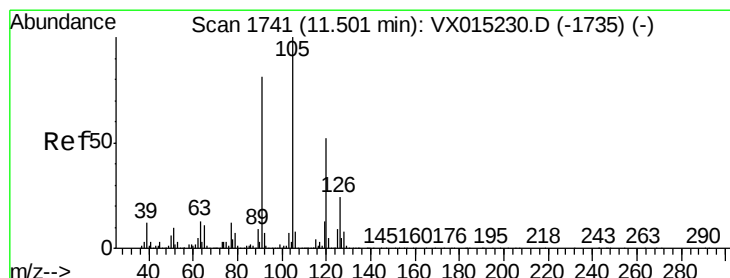
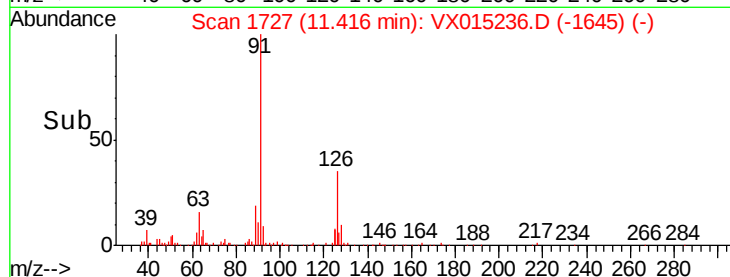
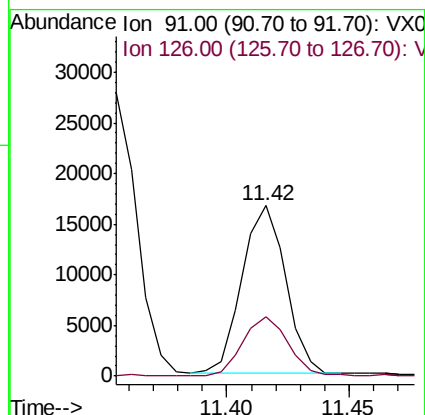
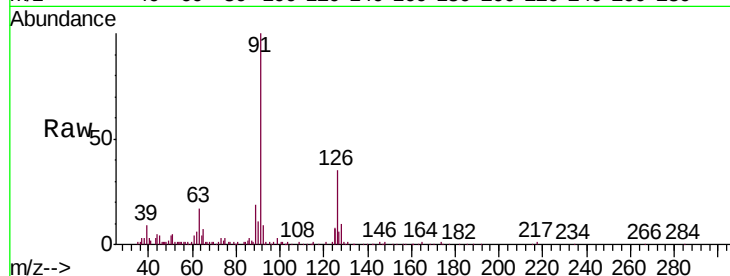
LOD-MDL-WATER-01-QT1-2020

Tgt Ion: 91 Resp: 20547

Ion Ratio Lower Upper

91 100

126 37.0 0.0 69.8



#76

1,3,5-Trimethylbenzene

Concen: 2.295 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX015236.D

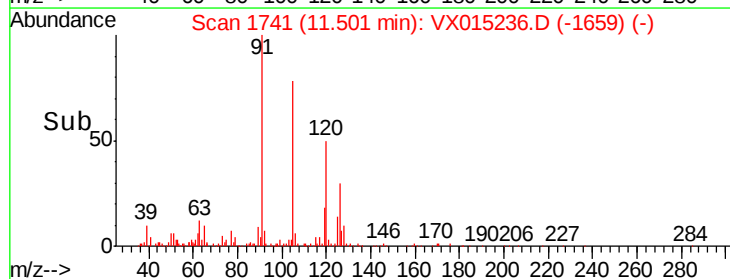
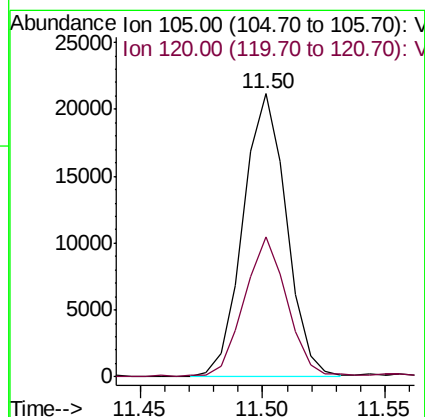
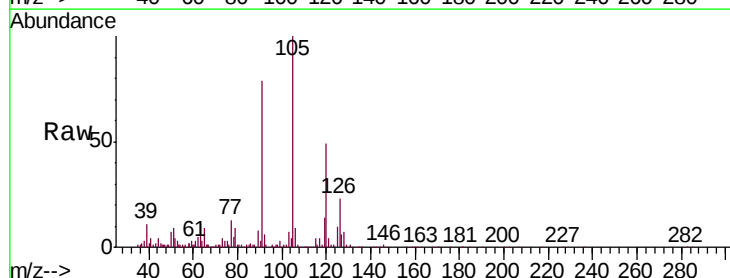
Acq: 12 Mar 2020 15:44

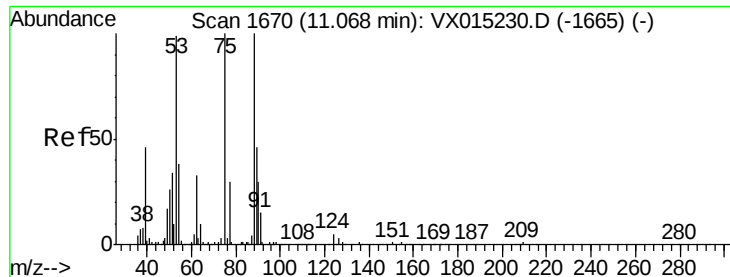
Tgt Ion: 105 Resp: 26093

Ion Ratio Lower Upper

105 100

120 48.2 0.0 101.2





#77

t-1,4-Dichloro-2-butene

Concen: 1.718 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX015236.D

Acq: 12 Mar 2020 15:44

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

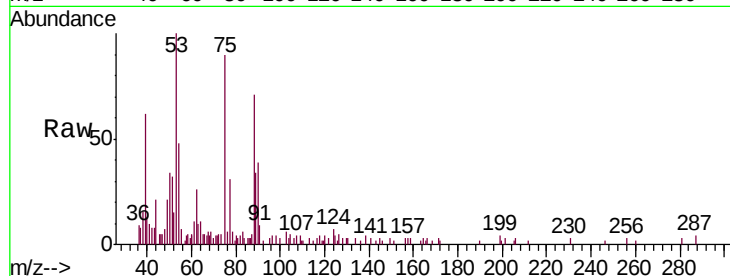
Tgt Ion: 75 Resp: 2546

Ion Ratio Lower Upper

75 100

53 110.7 49.5 148.3

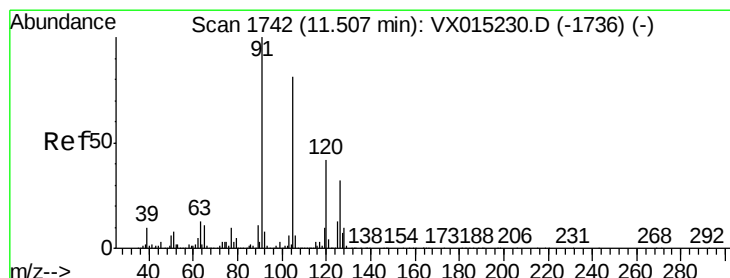
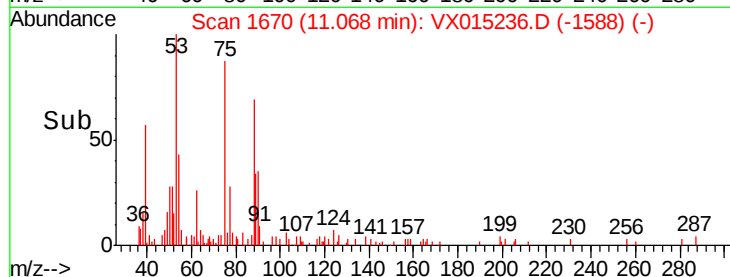
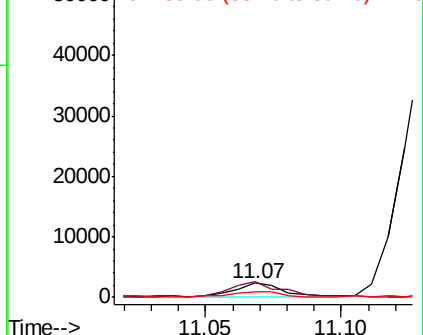
89 38.1 22.9 68.8



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 89.00 (88.70 to 89.70): VX0



#78

4-Chlorotoluene

Concen: 2.320 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX015236.D

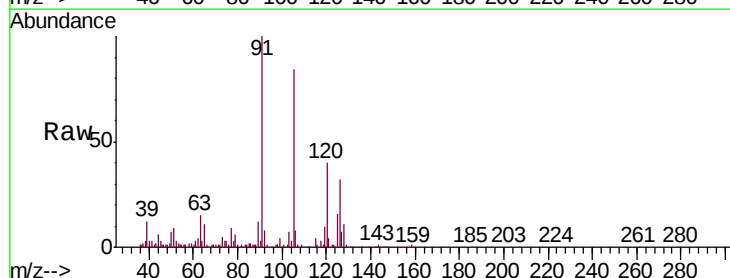
Acq: 12 Mar 2020 15:44

Tgt Ion: 91 Resp: 24541

Ion Ratio Lower Upper

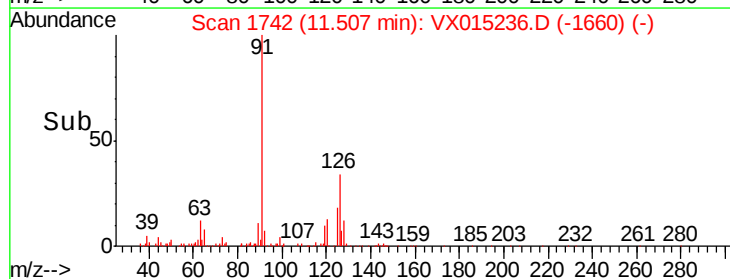
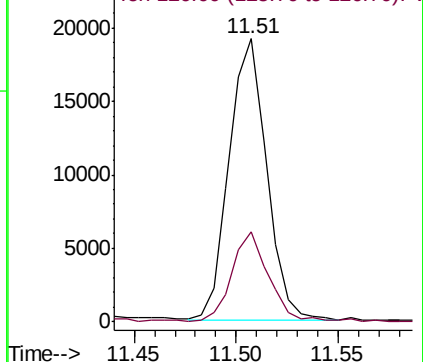
91 100

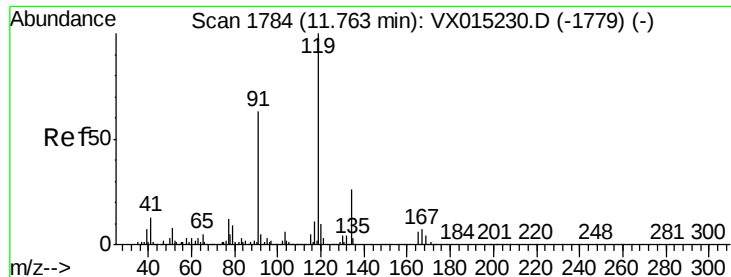
126 30.6 0.0 61.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V





#79

tert-butylbenzene

Concen: 2.254 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VX015236.D

Acq: 12 Mar 2020 15:44

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

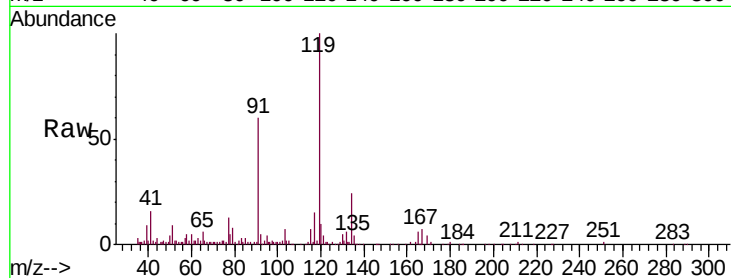
Tgt Ion:119 Resp: 24028

Ion Ratio Lower Upper

119 100

91 56.7 0.0 115.4

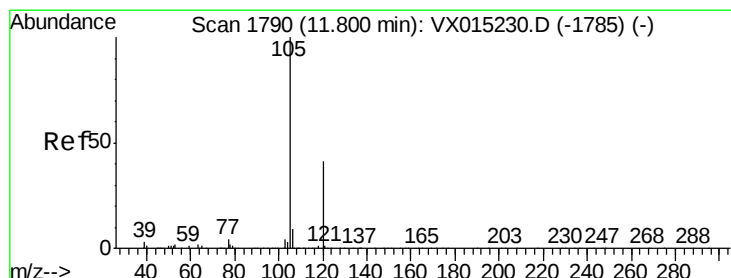
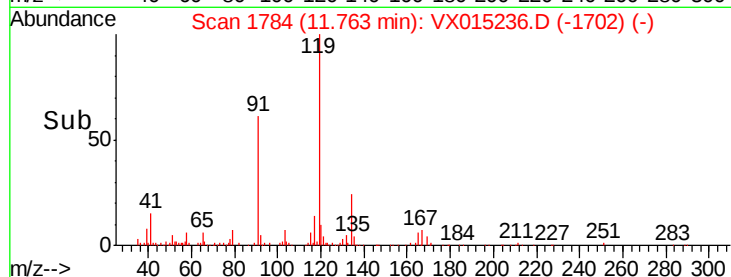
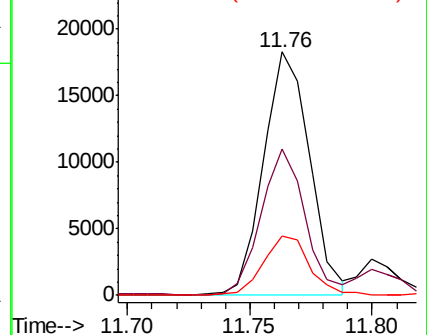
134 24.5 0.0 49.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#80

1,2,4-Trimethylbenzene

Concen: 2.152 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX015236.D

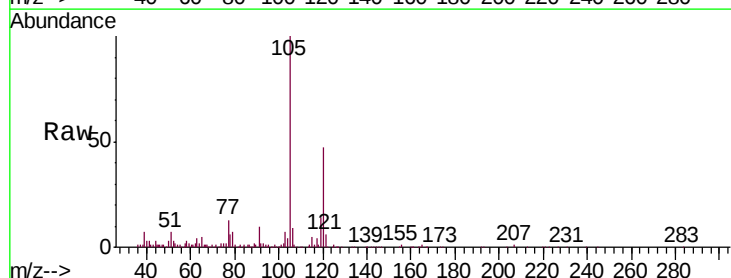
Acq: 12 Mar 2020 15:44

Tgt Ion:105 Resp: 24192

Ion Ratio Lower Upper

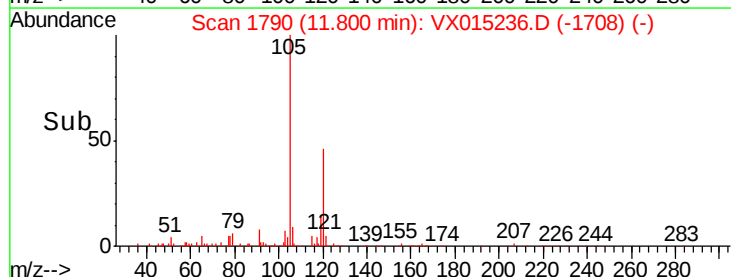
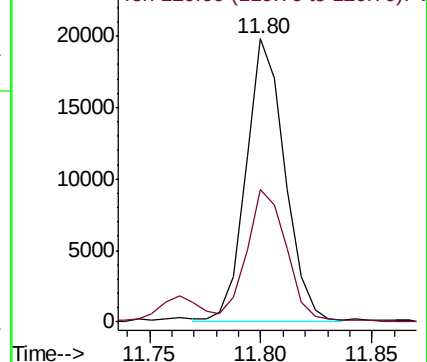
105 100

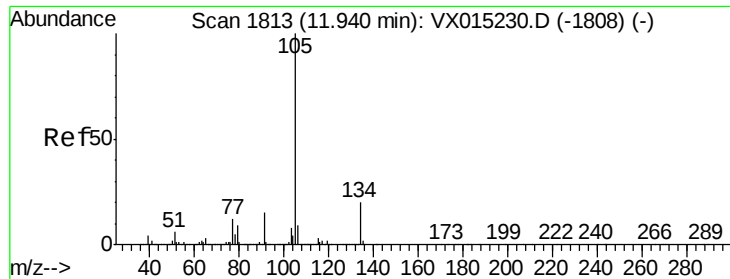
120 46.3 0.0 93.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

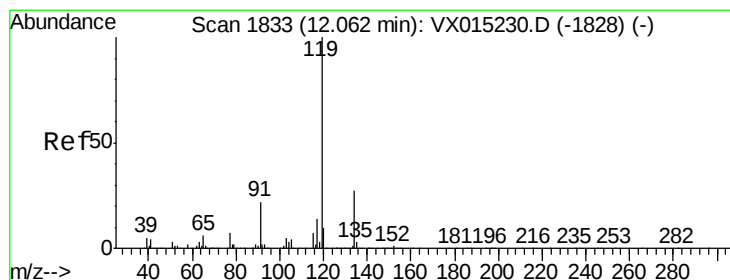
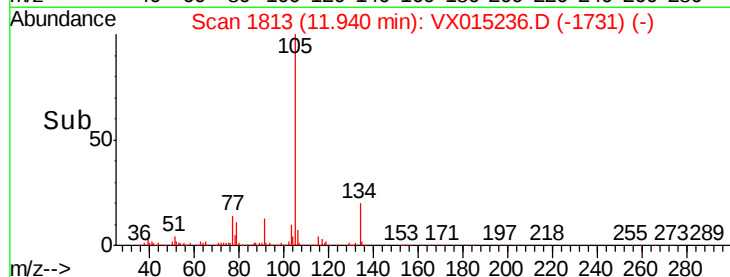
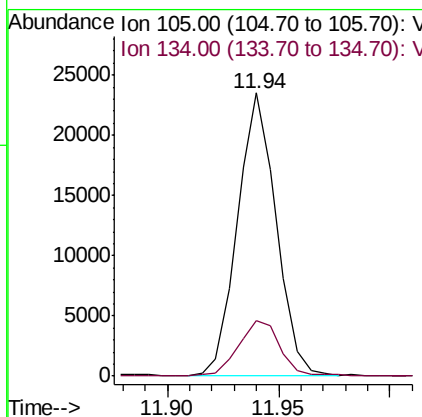
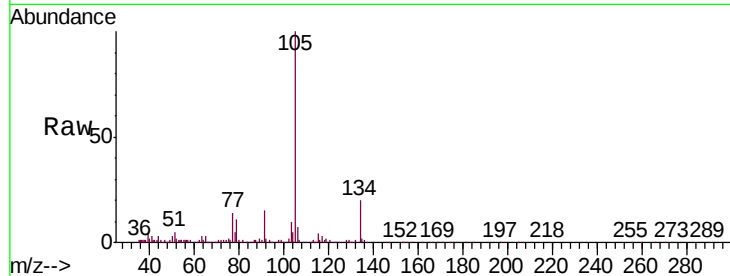




#81
 sec-Butylbenzene
 Concen: 2.157 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX015236.D
 Acq: 12 Mar 2020 15:44

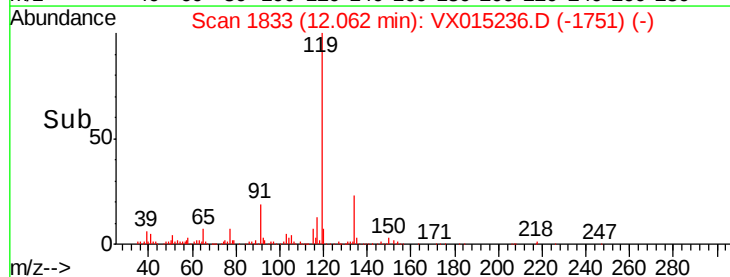
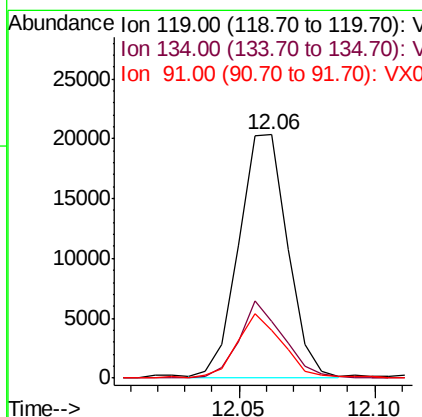
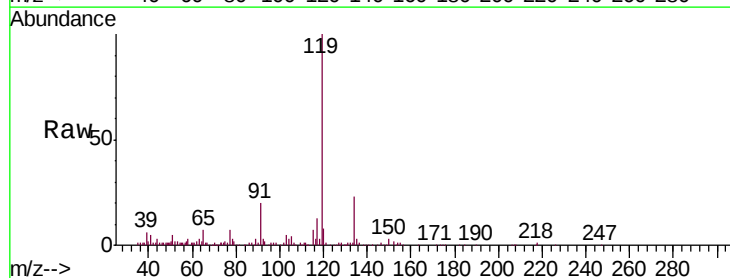
Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2020

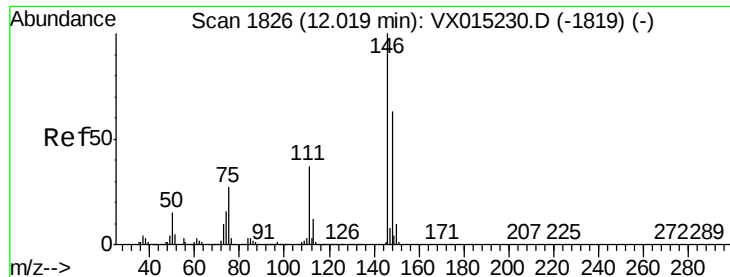
Tgt Ion:105 Resp: 28527
 Ion Ratio Lower Upper
 105 100
 134 21.2 0.0 40.8



#82
 p-Isopropyltoluene
 Concen: 2.085 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: VX015236.D
 Acq: 12 Mar 2020 15:44

Tgt Ion:119 Resp: 25366
 Ion Ratio Lower Upper
 119 100
 134 28.6 0.0 53.6
 91 24.5 0.0 43.6

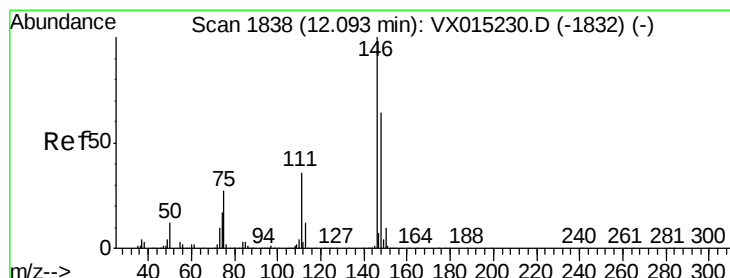
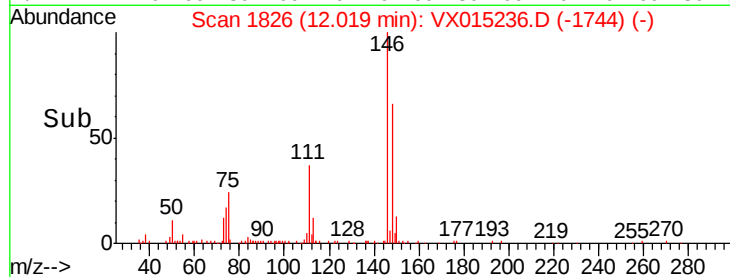
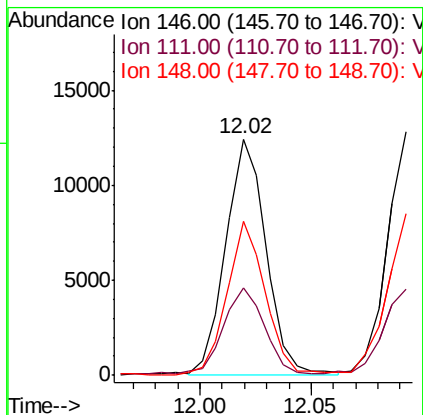
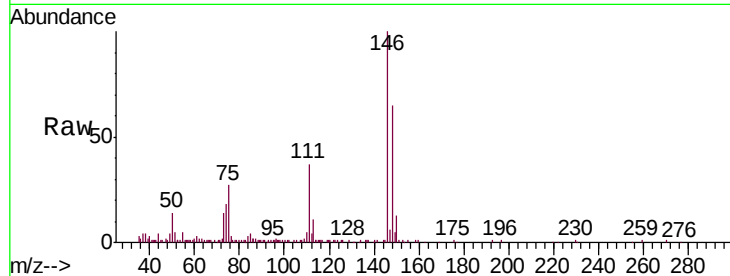




#83
 1,3-Dichlorobenzene
 Concen: 2.445 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX015236.D
 Acq: 12 Mar 2020 15:44

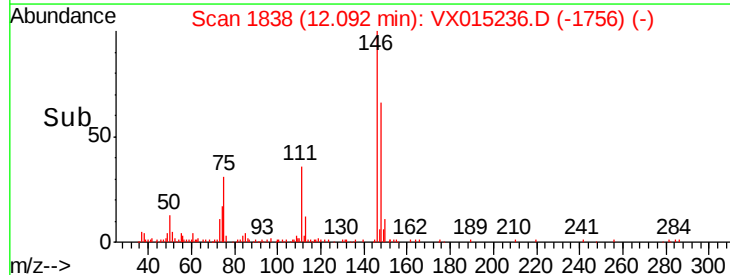
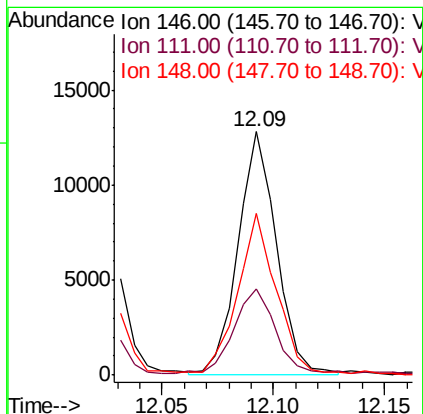
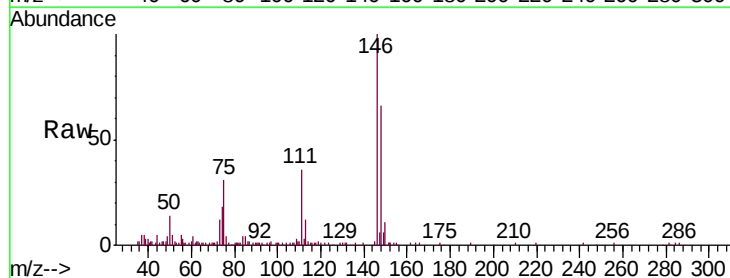
Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2020

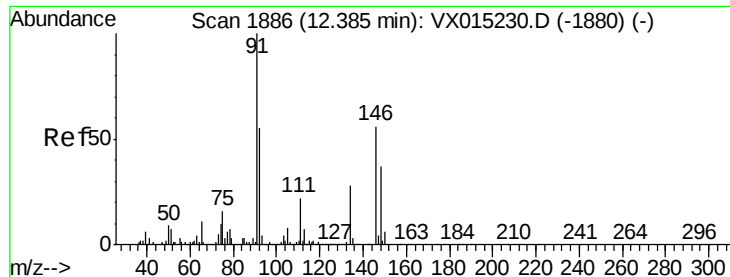
Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.2	18.8	56.4
148	61.7	31.9	95.7



#84
 1,4-Dichlorobenzene
 Concen: 2.412 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX015236.D
 Acq: 12 Mar 2020 15:44

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.4	55.0
148	66.5	31.9	95.9

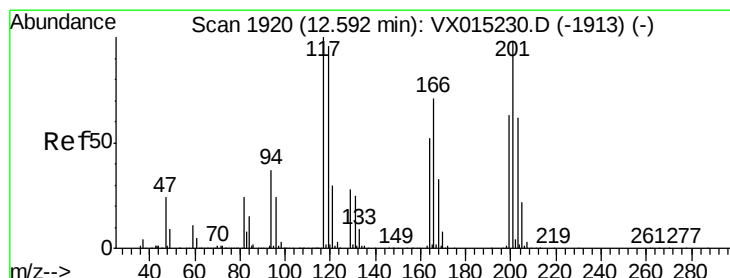
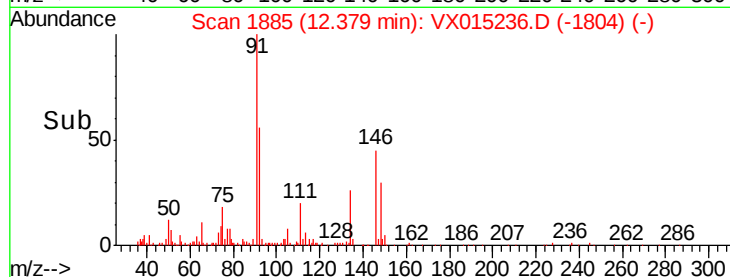
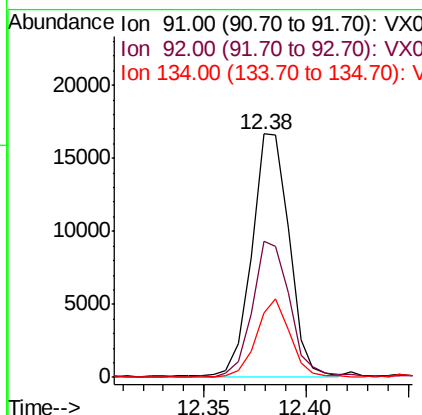
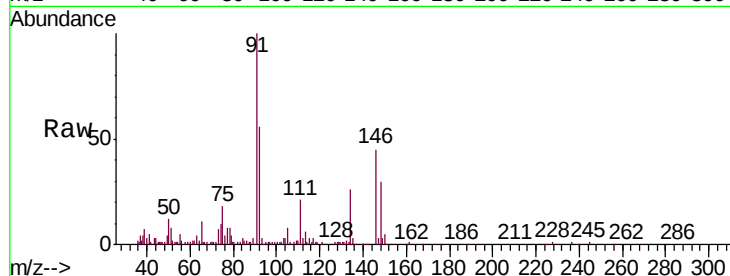




#85
n-Butylbenzene
Concen: 1.991 ug/l
RT: 12.38 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX015236.D
Acq: 12 Mar 2020 15:44

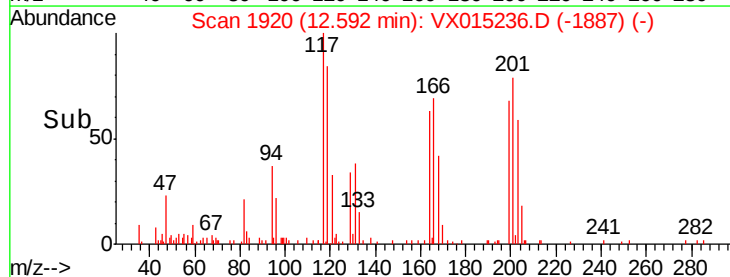
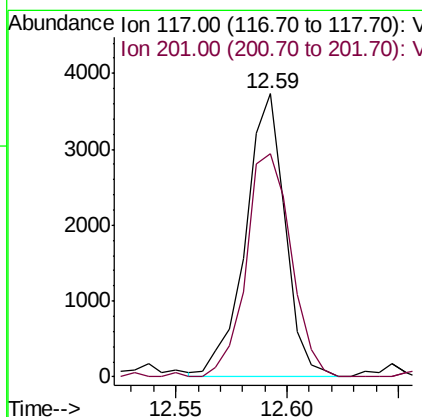
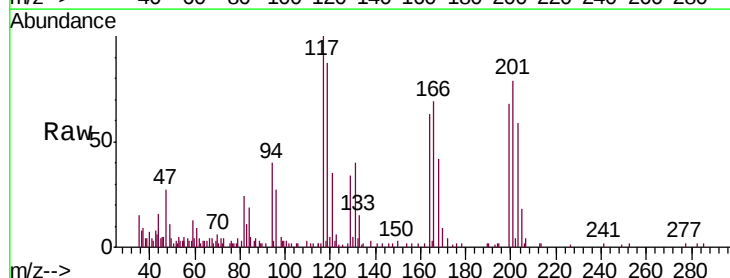
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

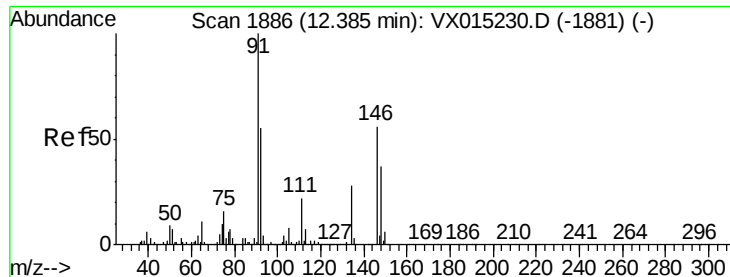
Tgt Ion: 91 Resp: 21227
Ion Ratio Lower Upper
91 100
92 56.5 0.0 109.4
134 29.2 0.0 53.0



#86
Hexachloroethane
Concen: 2.183 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX015236.D
Acq: 12 Mar 2020 15:44

Tgt Ion: 117 Resp: 4648
Ion Ratio Lower Upper
117 100
201 89.0 47.8 143.3

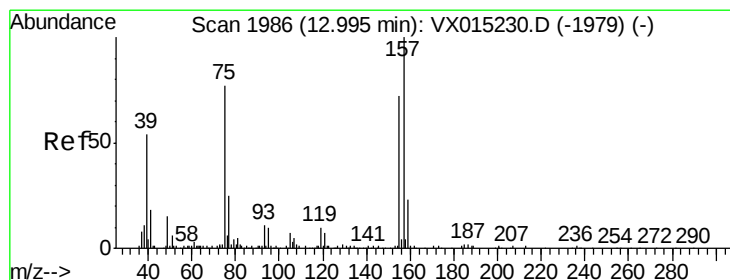
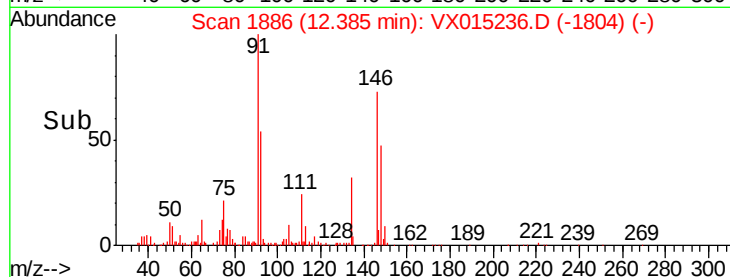
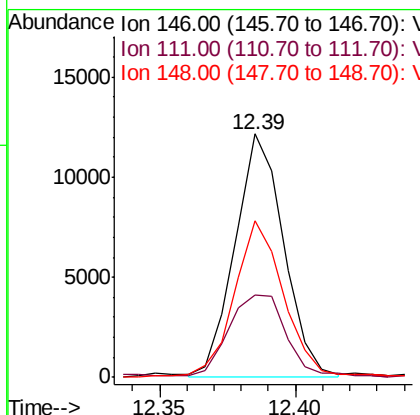
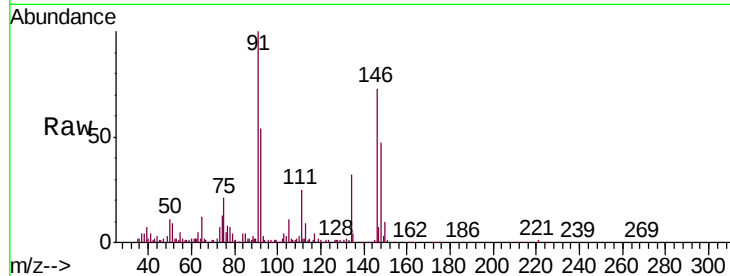




#87
 1,2-Dichlorobenzene
 Concen: 2.421 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX015236.D
 Acq: 12 Mar 2020 15:44

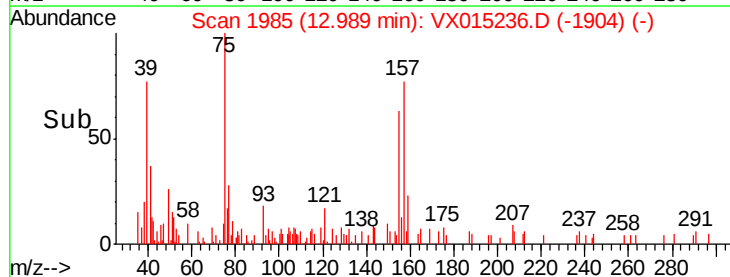
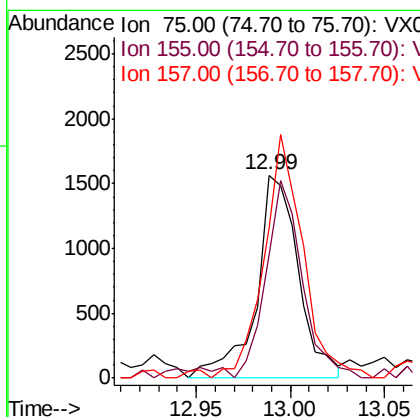
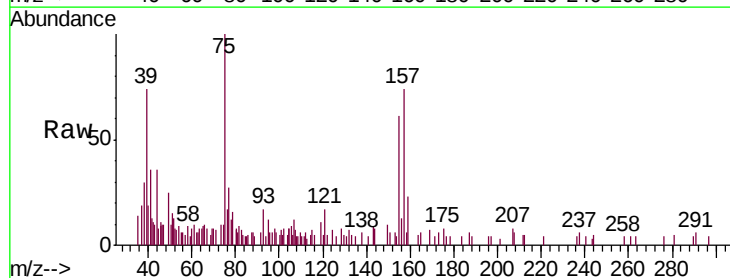
Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2020

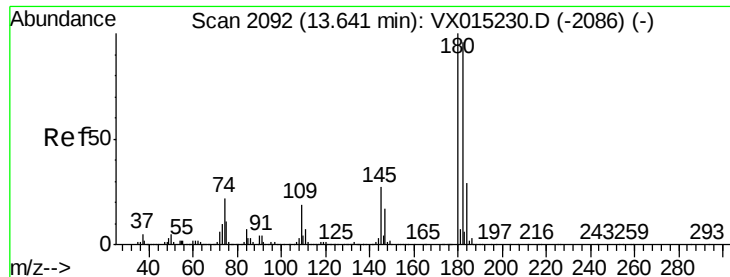
Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.3	19.4	58.4
148	64.9	32.4	97.0



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 2.748 ug/l
 RT: 12.99 min Scan# 1985
 Delta R.T. -0.01 min
 Lab File: VX015236.D
 Acq: 12 Mar 2020 15:44

Tgt Ion	Ratio	Lower	Upper
75	100		
155	83.2	77.5	116.3
157	109.8	103.0	154.4

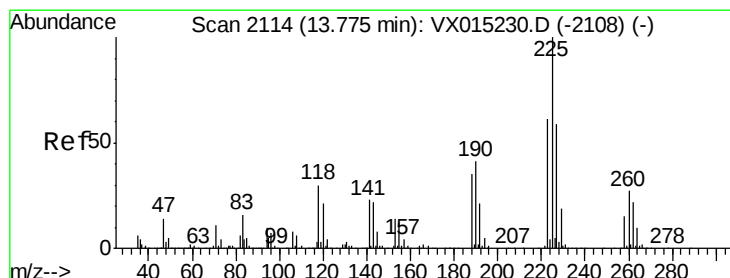
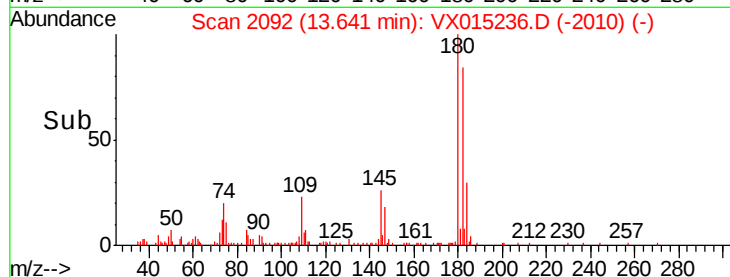
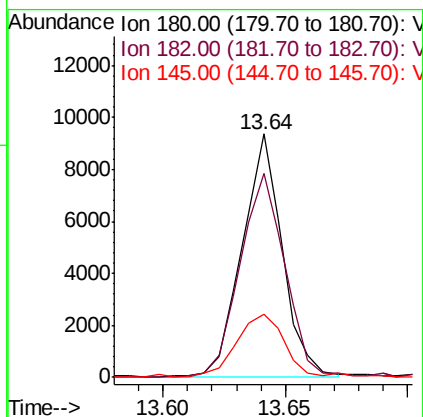
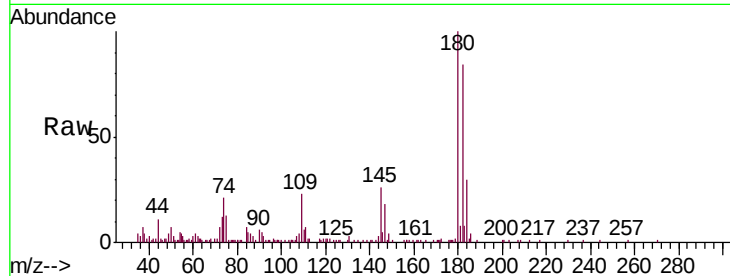




#89
 1,2,4-Trichlorobenzene
 Concen: 2.317 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX015236.D
 Acq: 12 Mar 2020 15:44

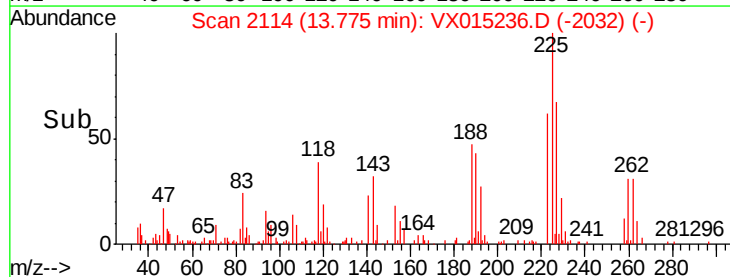
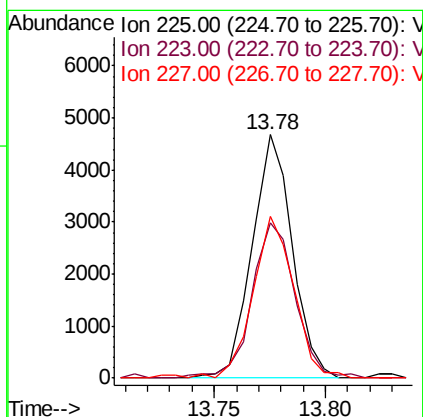
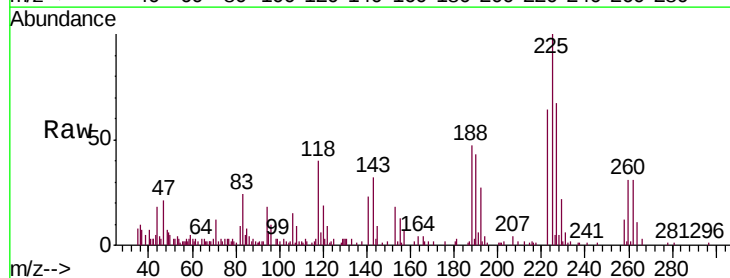
Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2020

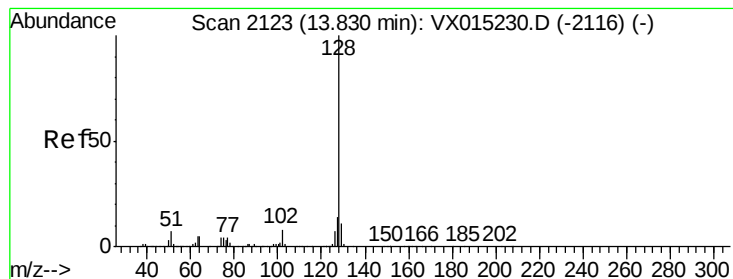
Tgt Ion:180 Resp: 10718
 Ion Ratio Lower Upper
 180 100
 182 94.0 76.6 115.0
 145 30.7 22.7 34.1



#90
 Hexachlorobutadiene
 Concen: 2.479 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX015236.D
 Acq: 12 Mar 2020 15:44

Tgt Ion:225 Resp: 5898
 Ion Ratio Lower Upper
 225 100
 223 63.7 0.0 125.0
 227 66.8 0.0 126.2





#91

Naphthalene

Concen: 1.866 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. -0.00 min

Lab File: VX015236.D

Acq: 12 Mar 2020 15:44

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

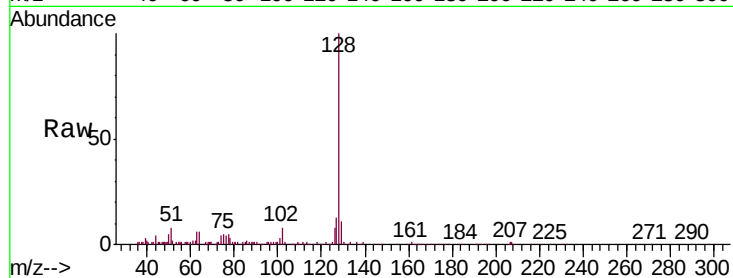
Tgt Ion:128 Resp: 23904

Ion Ratio Lower Upper

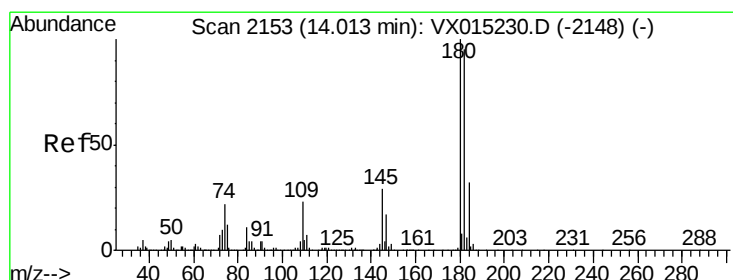
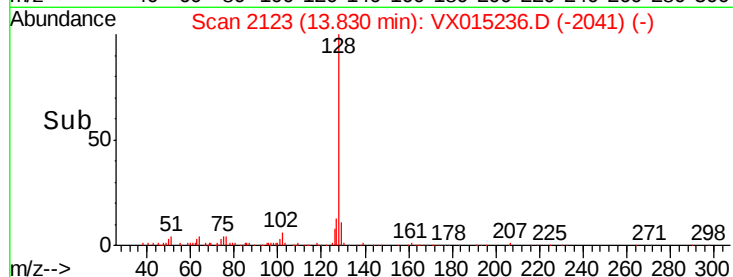
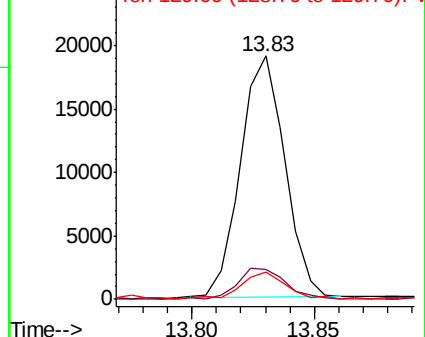
128 100

127 13.8 10.8 16.2

129 11.2 8.7 13.1



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



#92

1,2,3-Trichlorobenzene

Concen: 2.448 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. -0.00 min

Lab File: VX015236.D

Acq: 12 Mar 2020 15:44

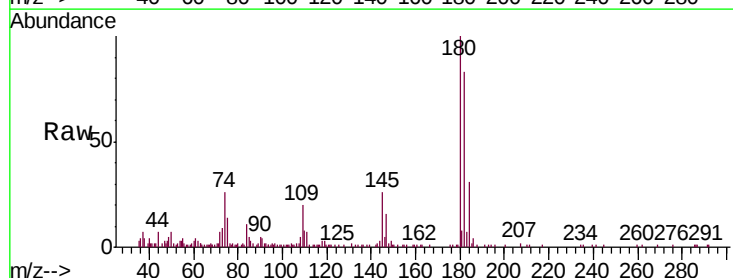
Tgt Ion:180 Resp: 11397

Ion Ratio Lower Upper

180 100

182 89.0 0.0 192.0

145 27.8 0.0 60.0



Abundance Ion 180.00 (179.70 to 180.70): V
Ion 182.00 (181.70 to 182.70): V
Ion 145.00 (144.70 to 145.70): V

