

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031220\
 Data File : VX015218.D
 Acq On : 11 Mar 2020 22:56
 Operator : JC/SP
 Sample : L1161-07 2.5PPB LOD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 38 Sample Multiplier: 1

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

Quant Time: Mar 12 08:42:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X031220W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 12 08:39:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.01	128	49288	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	265380	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	247919	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	98860	29.73	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	99.10%
60) 4-Bromofluorobenzene	11.14	95	113148	29.03	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	96.77%
63) Toluene-d8	8.71	98	326667	29.95	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.83%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	6331	2.633	ug/l 100
3) Chloromethane	1.32	50	9259	2.654	ug/l 97
4) Vinyl Chloride	1.40	62	9104	2.586	ug/l 95
5) Bromomethane	1.64	94	6846	3.096	ug/l 100
7) Trichlorofluoromethane	1.93	101	11624	2.730	ug/l 94
8) Diethyl Ether	2.18	74	4976	2.562	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	7367	2.848	ug/l 98
10) 1,1-Dichloroethene	2.37	96	7201	2.710	ug/l 97
11) Methyl Iodide	2.51	142	6185	2.175	ug/l 85
12) Methyl Acetate	2.76	43	9707	2.788	ug/l 93
13) Acrolein	2.29	56	5987	10.988	ug/l 95
14) Acrylonitrile	3.13	53	20665	12.847	ug/l 98
15) Acetone	2.44	58	5617	13.667	ug/l 89
16) Carbon Disulfide	2.56	76	24477	3.251	ug/l 96
17) Allvl chloride	2.72	41	12704	2.545	ug/l 96
18) Methylene Chloride	2.85	84	8420	2.699	ug/l 88
19) trans-1,2-Dichloroethene	3.16	96	9364	3.150	ug/l 96
20) Diisopropyl ether	3.84	45	25493	2.533	ug/l 87
21) 1,1-Dichloroethane	3.69	63	14273	2.652	ug/l 97
22) cis-1,2-Dichloroethene	4.59	96	9543	2.842	ug/l 96
23) tert-Butyl Alcohol	3.03	59	10364	16.159	ug/l # 99
24) Methyl tert-Butyl Ether	3.19	73	22969	2.649	ug/l 98
25) Chloroform	5.20	83	13223	2.566	ug/l 91
26) Cyclohexane	5.58	56	11551	2.343	ug/l # 92
29) 1,1-Dichloropropene	5.79	75	10671	2.697	ug/l 92
30) 2-Butanone	4.67	43	24955	11.606	ug/l # 80
31) 2,2-Dichloropropane	4.58	77	8755	2.509	ug/l # 75
33) Carbon Tetrachloride	5.79	117	9271	2.500	ug/l 94
34) Benzene	6.14	78	32132	2.646	ug/l 96
35) Methacrylonitrile	5.03	41	5720	2.435	ug/l 90
36) 1,2-Dichloroethane	6.19	62	10206	2.530	ug/l # 94
38) Methylcyclohexane	7.46	83	12435	2.661	ug/l 98
40) Dibromomethane	7.66	93	5627	2.771	ug/l 90
41) Bromodichloromethane	7.89	83	9418	2.427	ug/l 90
42) Vinyl Acetate	3.81	43	96705	11.567	ug/l 98
43) Ethyl Acetate	4.83	43	9531	2.226	ug/l # 97
44) Isopropyl Acetate	6.44	43	17204	2.459	ug/l 98

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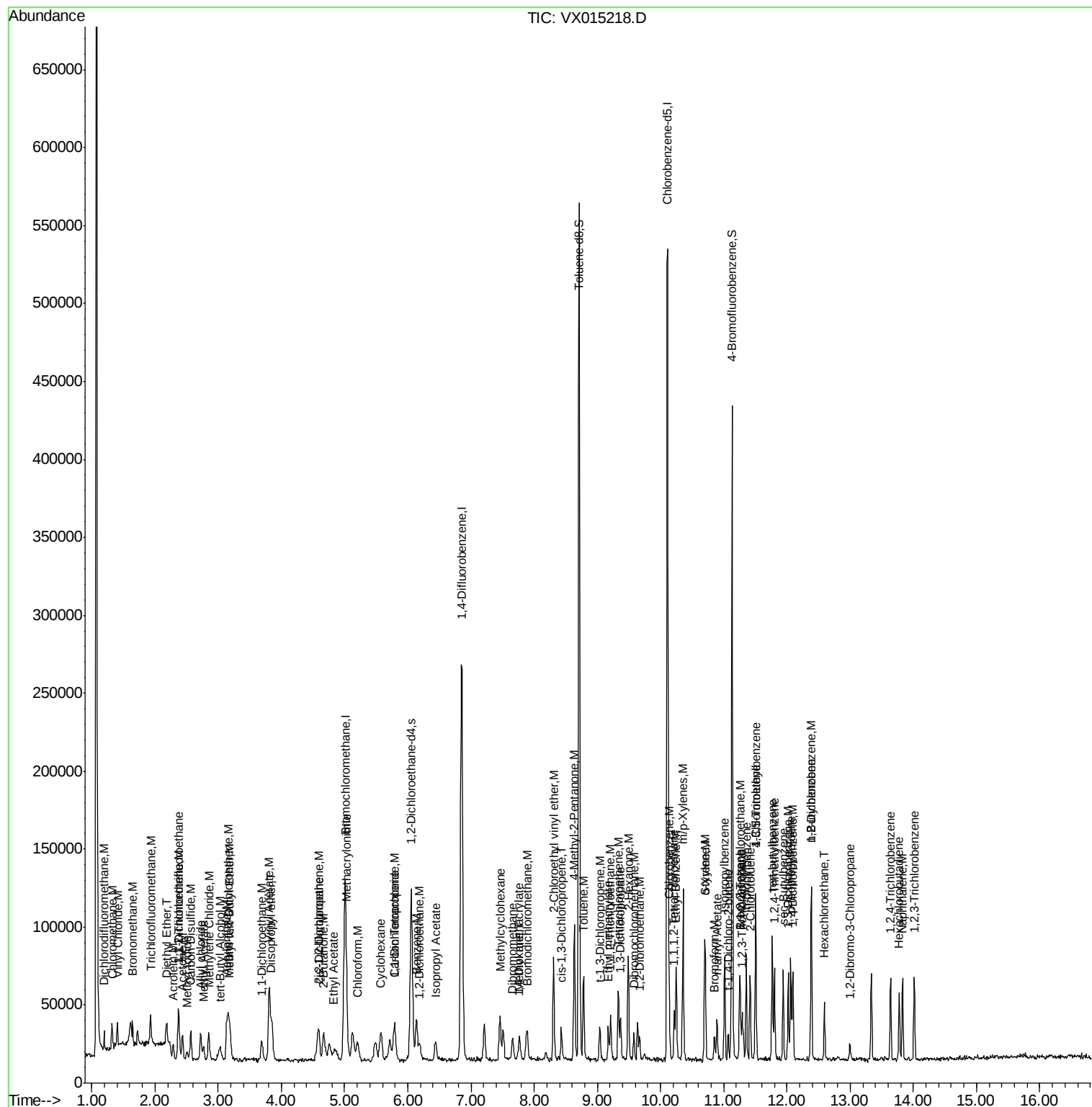
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,4-Dioxane	7.75	88	3833	52.658	ug/l	95
46) Methyl methacrylate	7.77	41	7616	2.227	ug/l	97
47) n-amyl Acetate	10.89	43	11421	1.951	ug/l	95
48) t-1,3-Dichloropropene	9.04	75	9822	2.331	ug/l	99
49) cis-1,3-Dichloropropene	8.43	75	11577	2.424	ug/l	93
50) 1,1,2-Trichloroethane	9.21	97	7594	2.511	ug/l	92
51) Ethyl methacrylate	9.17	69	10617	2.286	ug/l	99
52) 1,3-Dichloropropane	9.37	76	13046	2.548	ug/l	99
53) Dibromochloromethane	9.58	129	8075	2.532	ug/l	98
54) 1,2-Dibromoethane	9.67	107	8266	2.634	ug/l	99
55) 2-Chloroethyl vinyl ether	8.31	63	26670	11.198	ug/l	98
56) Bromoform	10.85	173	5538	2.285	ug/l	98
58) 4-Methyl-2-Pentanone	8.64	43	51612	11.992	ug/l	99
59) 2-Hexanone	9.49	43	37863	11.756	ug/l	98
61) Tetrachloroethene	9.33	164	9752	2.845	ug/l	95
62) Toluene	8.78	91	34612	2.648	ug/l	98
64) Chlorobenzene	10.14	112	22395	2.742	ug/l	91
65) 1,1,1,2-Tetrachloroethane	10.21	131	7247	2.410	ug/l	97
66) Ethyl Benzene	10.25	91	37206	2.643	ug/l	97
67) m/p-Xylenes	10.35	106	26413	4.893	ug/l	94
68) o-Xylene	10.70	106	13198	2.561	ug/l	95
69) Styrene	10.71	104	20850	2.302	ug/l	97
70) Isopropylbenzene	11.01	105	33956	2.464	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.26	83	11891	2.639	ug/l	99
72) 1,2,3-Trichloropropane	11.29	75	12462	3.401	ug/l	95
73) Bromobenzene	11.25	156	10283	2.727	ug/l	97
74) n-propylbenzene	11.35	91	38701	2.433	ug/l	97
75) 2-Chlorotoluene	11.42	91	25015	2.665	ug/l	98
76) 1,3,5-Trimethylbenzene	11.50	105	26745	2.345	ug/l	94
77) t-1,4-Dichloro-2-butene	11.07	75	2980	2.082	ug/l	81
78) 4-Chlorotoluene	11.51	91	28060	2.582	ug/l	98
79) tert-butylbenzene	11.77	119	26561	2.436	ug/l	98
80) 1,2,4-Trimethylbenzene	11.81	105	27501	2.388	ug/l	96
81) sec-Butylbenzene	11.94	105	31934	2.373	ug/l	98
82) p-Isopropyltoluene	12.06	119	30625	2.499	ug/l	99
83) 1,3-Dichlorobenzene	12.02	146	18617	2.778	ug/l	99
84) 1,4-Dichlorobenzene	12.09	146	19700	2.938	ug/l	97
85) n-Butylbenzene	12.39	91	25393	2.385	ug/l	99
86) Hexachloroethane	12.59	117	4862	2.232	ug/l	90
87) 1,2-Dichlorobenzene	12.39	146	17859	2.741	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	12.99	75	1994	2.155	ug/l	92
89) 1,2,4-Trichlorobenzene	13.64	180	13396	2.835	ug/l	99
90) Hexachlorobutadiene	13.78	225	6858	2.939	ug/l	98
91) Naphthalene	13.83	128	32320	2.431	ug/l	99
92) 1,2,3-Trichlorobenzene	14.01	180	13482	2.831	ug/l	97

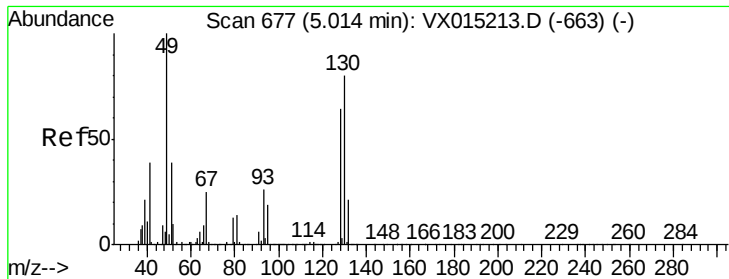
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.01 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX015218.D

Acq: 11 Mar 2020 22:56

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

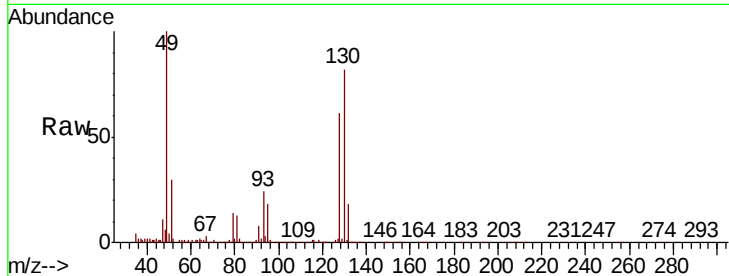
Tot Ion:128 Resp: 49288

Ion Ratio Lower Upper

128 100

49 164.6 0.0 410.8

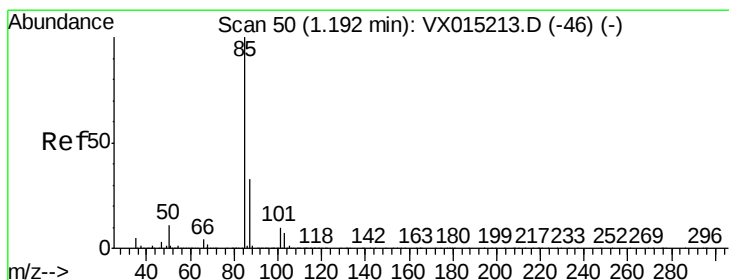
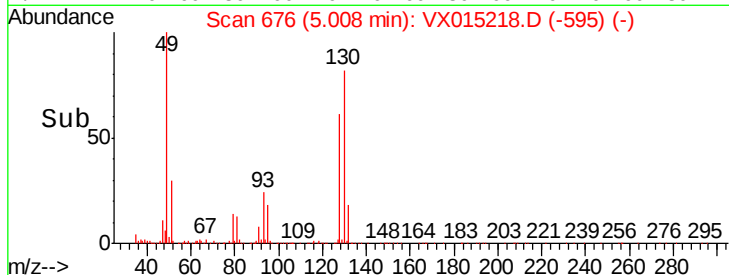
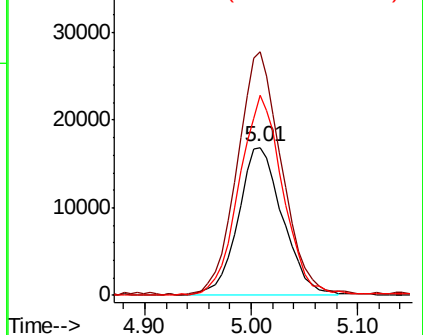
130 131.7 0.0 324.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 2.633 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX015218.D

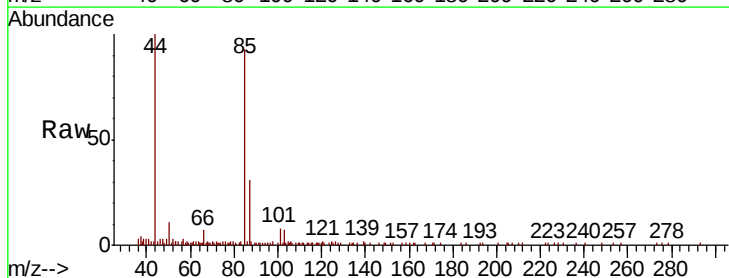
Acq: 11 Mar 2020 22:56

Tgt Ion: 85 Resp: 6331

Ion Ratio Lower Upper

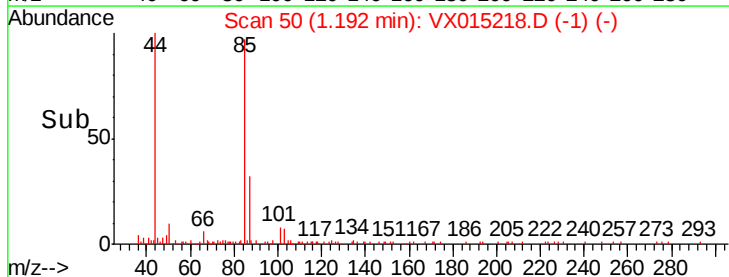
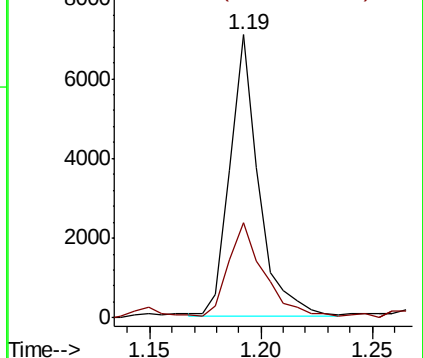
85 100

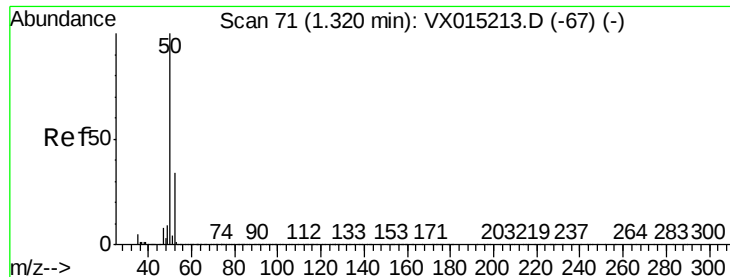
87 33.2 16.6 49.8



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 2.654 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX015218.D

Acq: 11 Mar 2020 22:56

Instrument :

MSVOA_X

ClientSampleId :

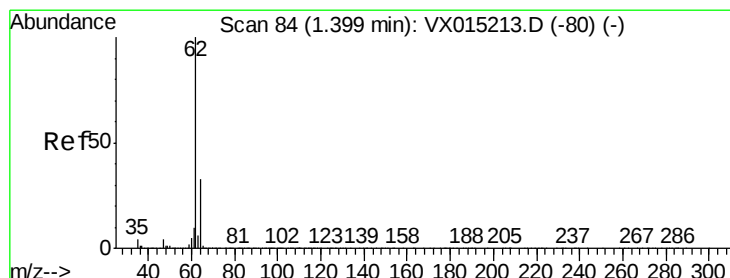
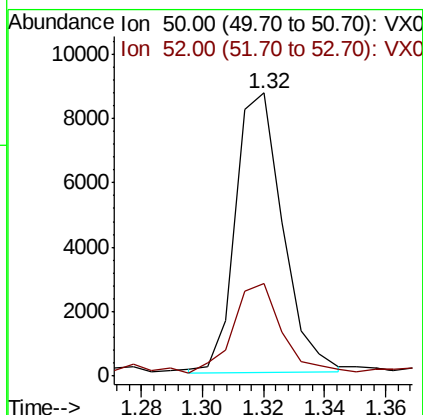
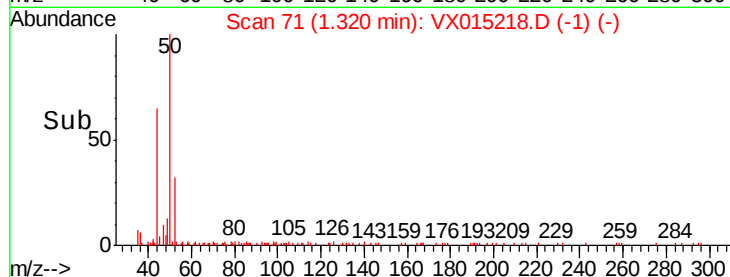
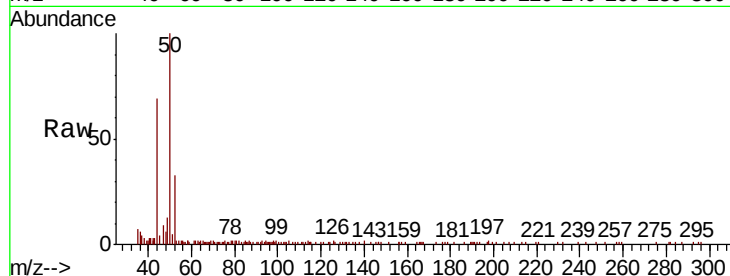
LOD-MDL-WATER-01-QT1-2020

Tot Ion: 50 Resp: 9259

Ion Ratio Lower Upper

50 100

52 32.4 27.4 41.0



#4

Vinyl Chloride

Concen: 2.586 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX015218.D

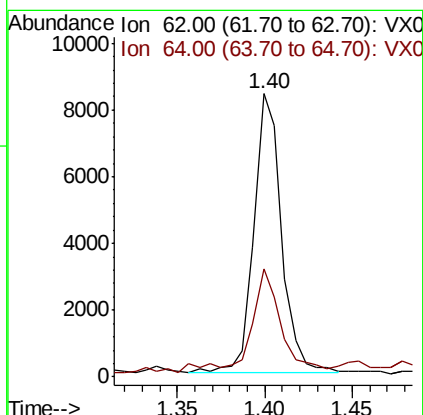
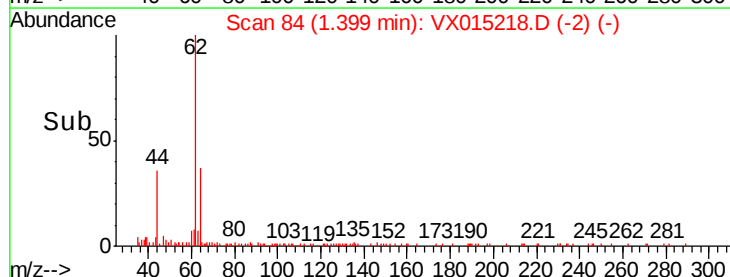
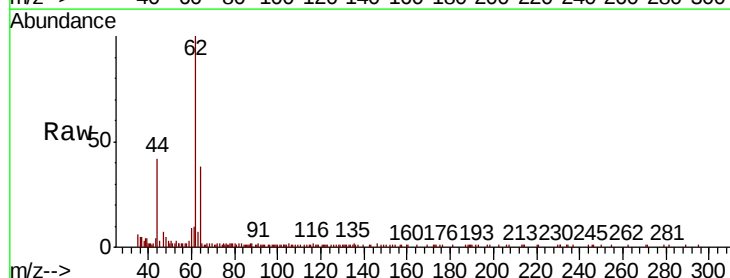
Acq: 11 Mar 2020 22:56

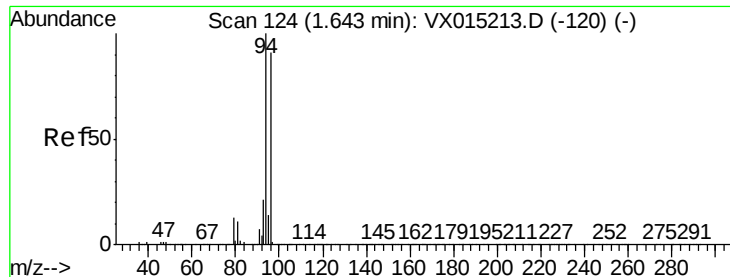
Tgt Ion: 62 Resp: 9104

Ion Ratio Lower Upper

62 100

64 35.3 25.9 38.9





#5

Bromomethane

Concen: 3.096 ug/l

RT: 1.64 min Scan# 124

Delta R.T. 0.00 min

Lab File: VX015218.D

Acq: 11 Mar 2020 22:56

Instrument :

MSVOA_X

ClientSampleId :

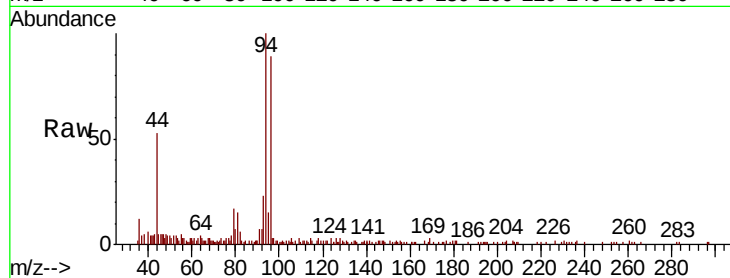
LOD-MDL-WATER-01-QT1-2020

Tot Ion: 94 Resp: 6846

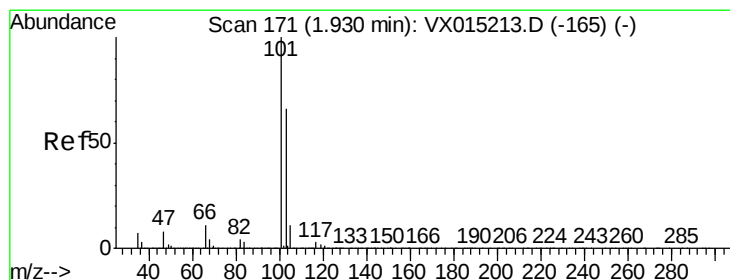
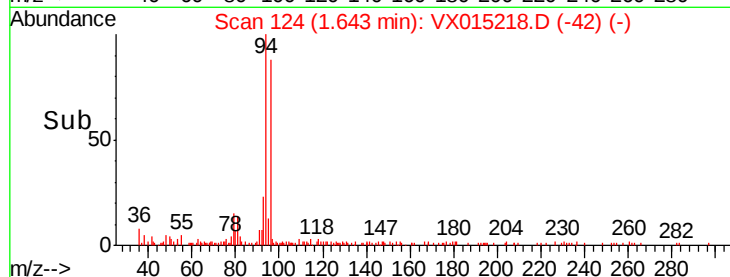
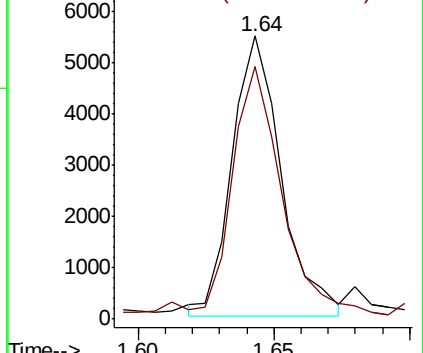
Ion Ratio Lower Upper

94 100

96 90.3 72.2 108.2



Abundance Ion 94.00 (93.70 to 94.70): VX015213.D (-120) (-)



#7

Trichlorofluoromethane

Concen: 2.730 ug/l

RT: 1.93 min Scan# 171

Delta R.T. 0.00 min

Lab File: VX015218.D

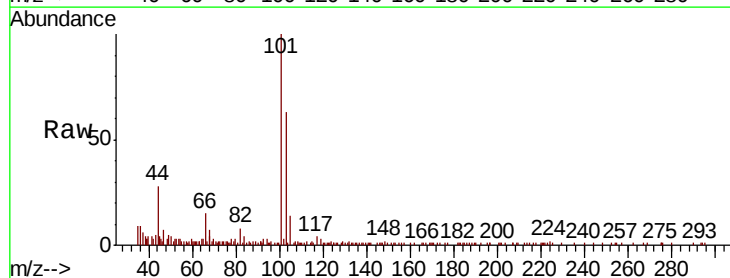
Acq: 11 Mar 2020 22:56

Tgt Ion: 101 Resp: 11624

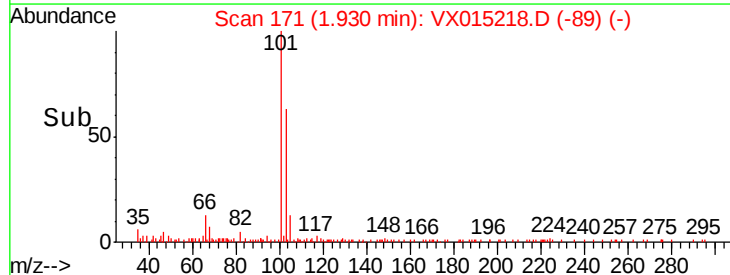
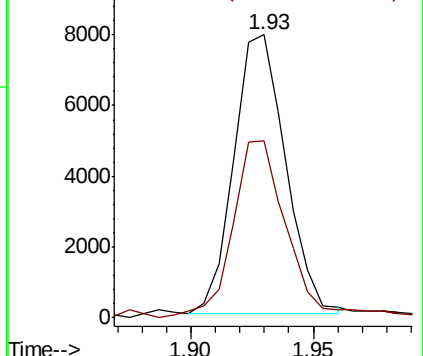
Ion Ratio Lower Upper

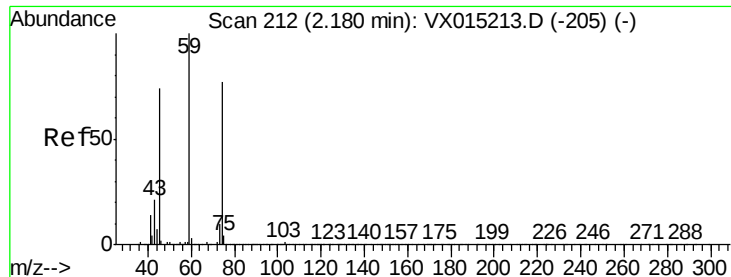
101 100

103 61.1 52.5 78.7



Abundance Ion 101.00 (100.70 to 101.70): VX015213.D (-165) (-)





#8

Diethyl Ether

Concen: 2.562 ug/l

RT: 2.18 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX015218.D

Acq: 11 Mar 2020 22:56

Instrument :

MSVOA_X

ClientSampleId :

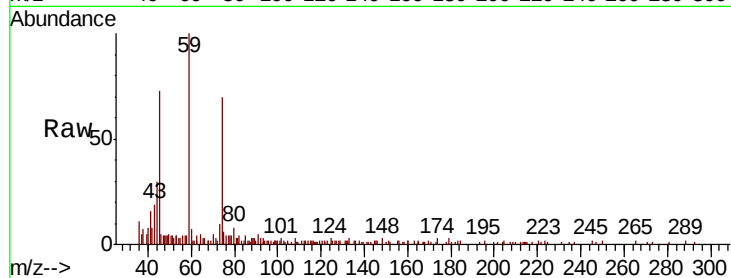
LOD-MDL-WATER-01-QT1-2020

Tot Ion: 74 Resp: 4976

Ion Ratio Lower Upper

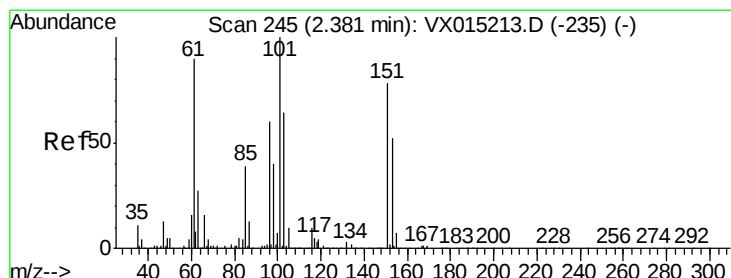
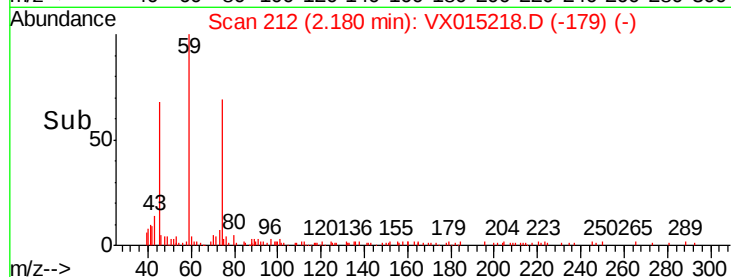
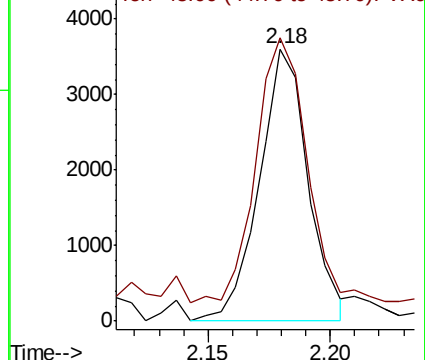
74 100

45 97.6 19.1 171.5



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0



#9

1,1,2-Trichlorotrifluoroethane

Concen: 2.848 ug/l

RT: 2.38 min Scan# 245

Delta R.T. 0.00 min

Lab File: VX015218.D

Acq: 11 Mar 2020 22:56

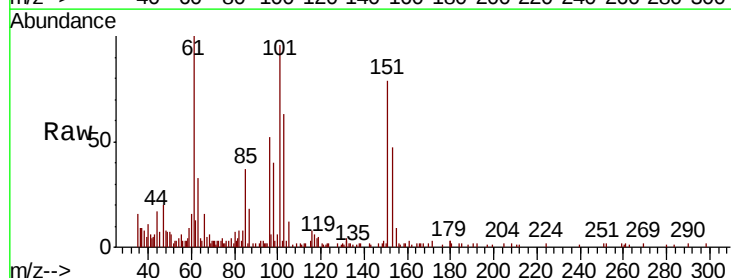
Tgt Ion: 101 Resp: 7367

Ion Ratio Lower Upper

101 100

85 40.8 0.0 84.6

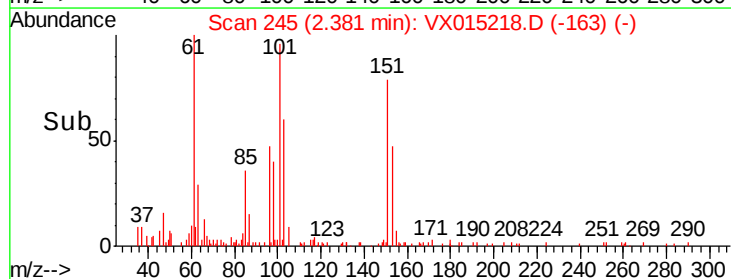
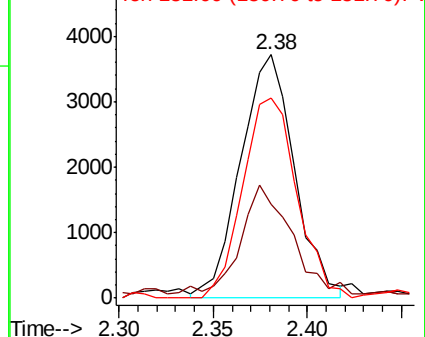
151 82.7 0.0 161.8

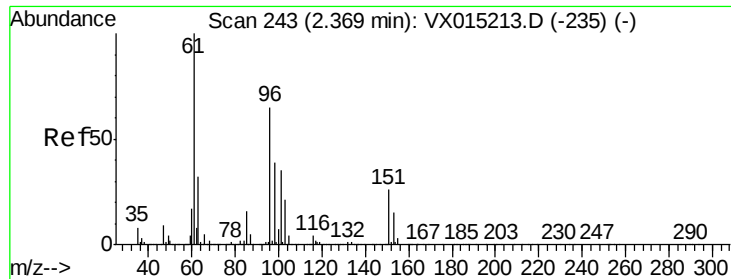


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V

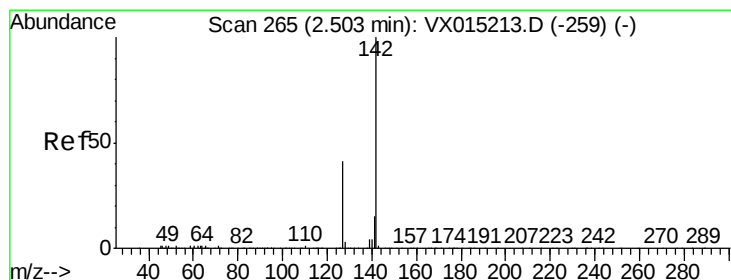
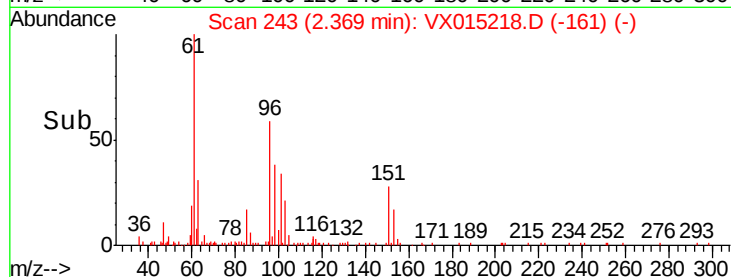
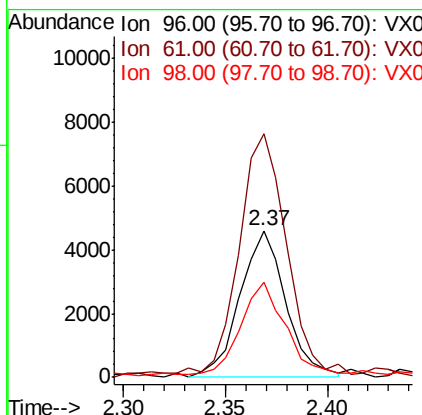
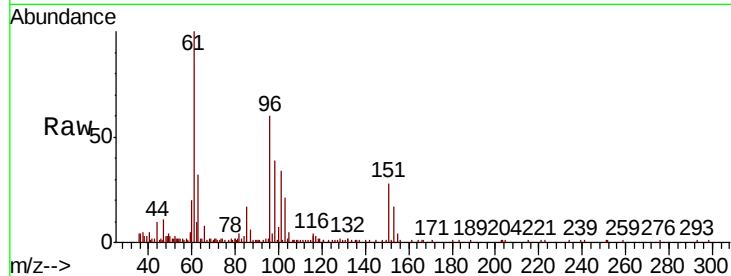




#10
 1,1-Dichloroethene
 Concen: 2.710 ug/l
 RT: 2.37 min Scan# 243
 Delta R.T. 0.00 min
 Lab File: VX015218.D
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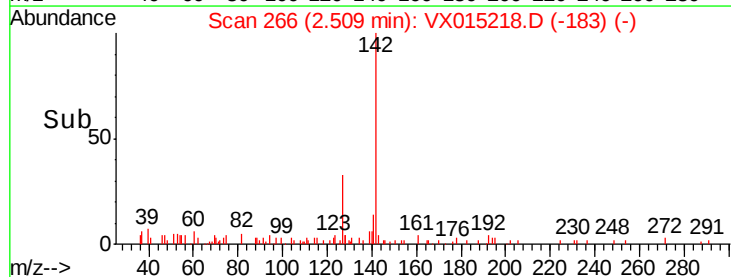
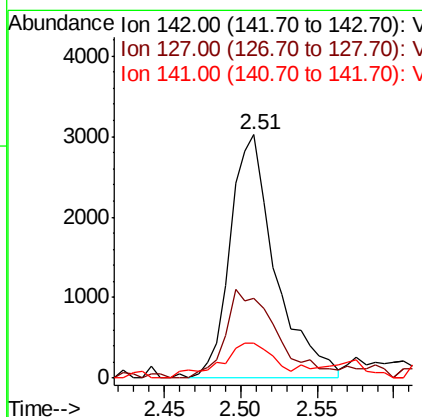
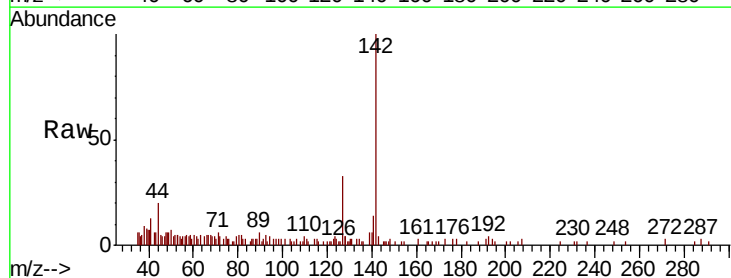
Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2020

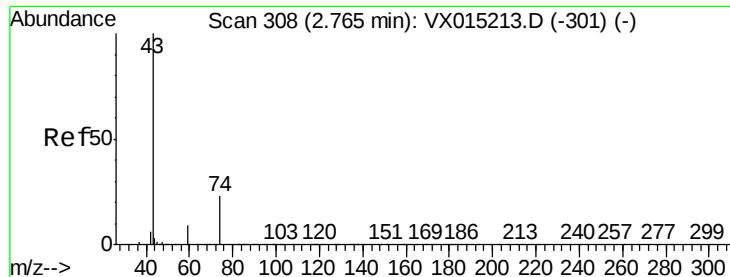
Tot Ion: 96 Resp: 7201
 Ion Ratio Lower Upper
 96 100
 61 157.2 123.1 184.7
 98 63.5 48.1 72.1



#11
 Methyl Iodide
 Concen: 2.175 ug/l
 RT: 2.51 min Scan# 266
 Delta R.T. 0.01 min
 Lab File: VX015218.D
 Acq: 11 Mar 2020 22:56

Tgt Ion: 142 Resp: 6185
 Ion Ratio Lower Upper
 142 100
 127 31.3 20.7 62.1
 141 10.2 7.5 22.6

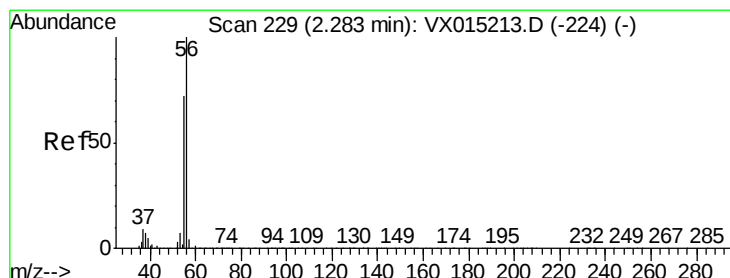
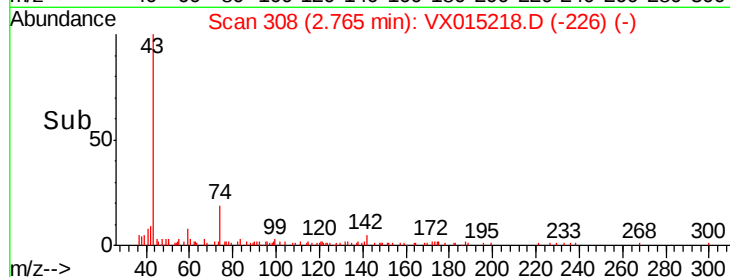
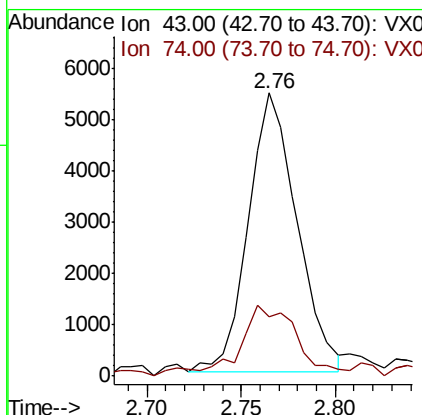
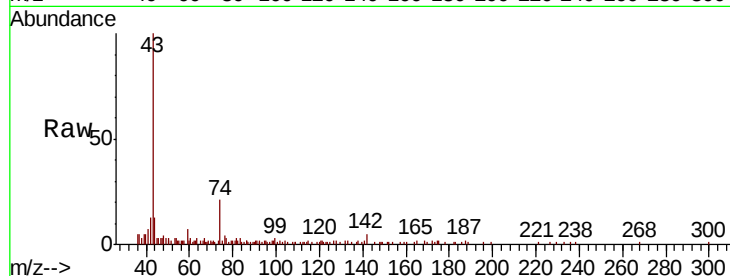




#12
Methvl Acetate
Concen: 2.788 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.00 min
Lab File: VX015218.D
Acq: 11 Mar 2020 22:56

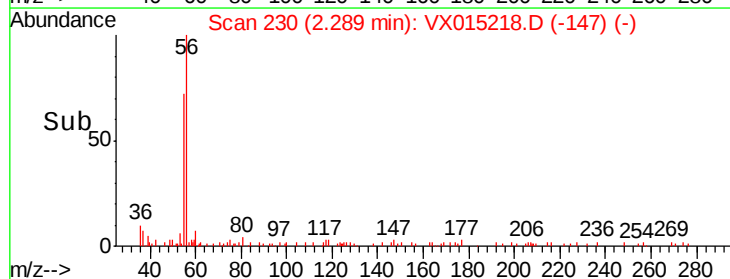
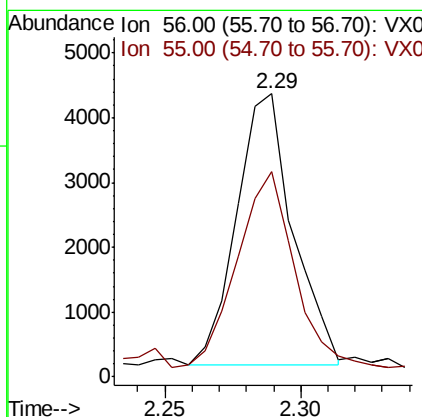
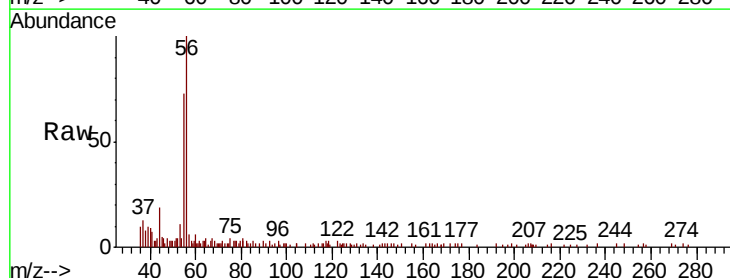
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

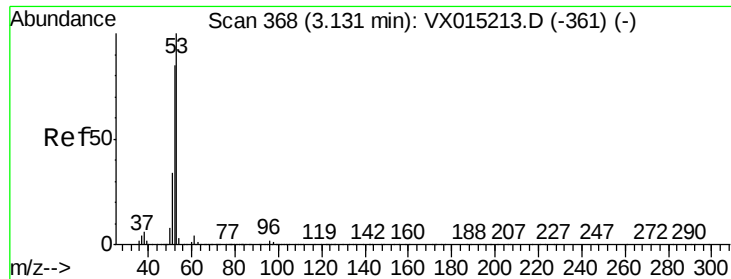
Tot Ion: 43 Resp: 9707
Ion Ratio Lower Upper
43 100
74 19.3 18.3 27.5



#13
Acrolein
Concen: 10.988 ug/l
RT: 2.29 min Scan# 230
Delta R.T. 0.01 min
Lab File: VX015218.D
Acq: 11 Mar 2020 22:56

Tgt Ion: 56 Resp: 5987
Ion Ratio Lower Upper
56 100
55 74.2 56.2 84.4

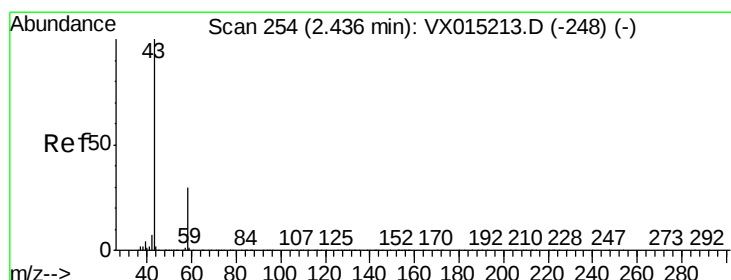
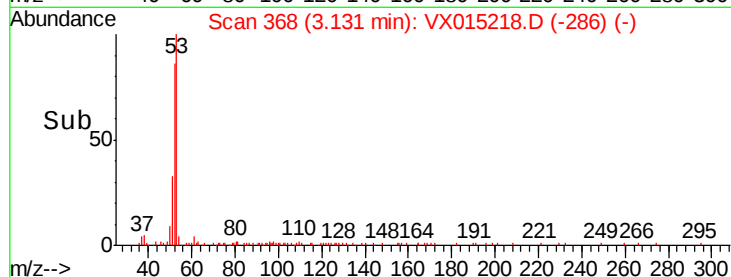
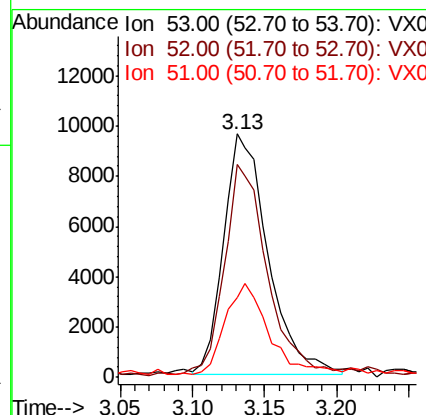
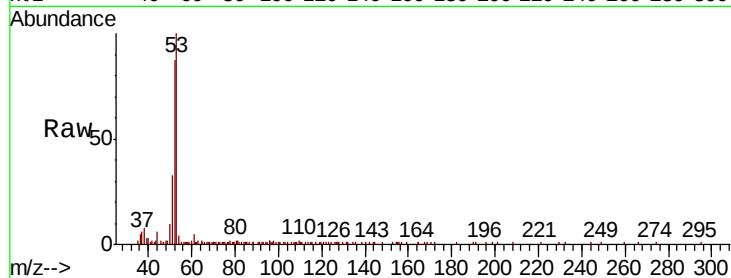




#14
 Acrylonitrile
 Concen: 12.847 ug/l
 RT: 3.13 min Scan# 368
 Delta R.T. 0.00 min
 Lab File: VX015218.D
 Acq: 11 Mar 2020 22:56

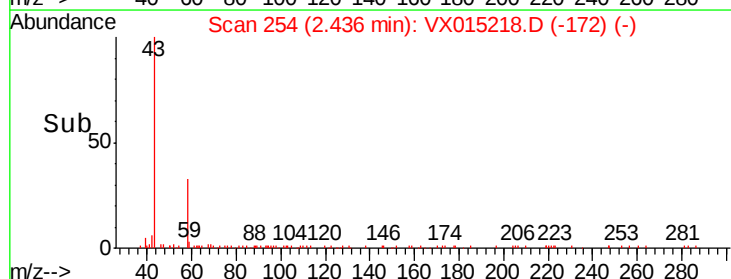
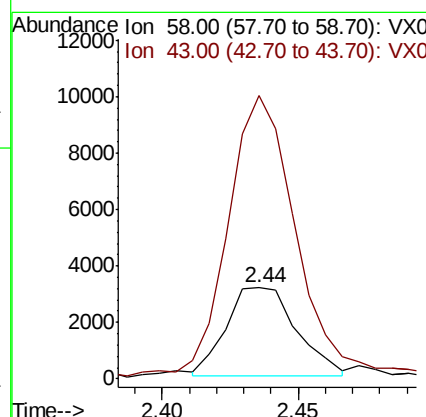
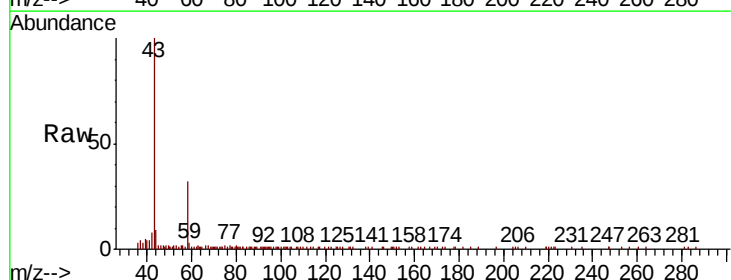
Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2020

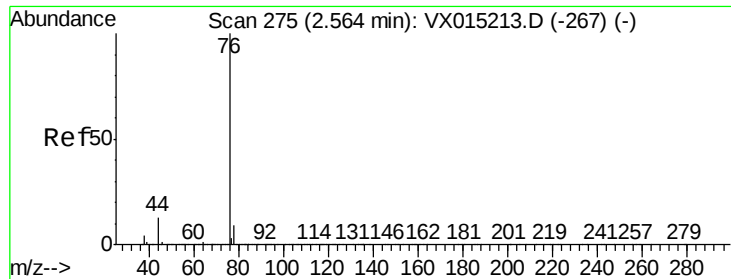
Tot Ion	Ratio	Lower	Upper
53	100		
52	84.5	41.1	123.3
51	36.9	18.1	54.4



#15
 Acetone
 Concen: 13.667 ug/l
 RT: 2.44 min Scan# 254
 Delta R.T. 0.00 min
 Lab File: VX015218.D
 Acq: 11 Mar 2020 22:56

Tgt Ion	Ratio	Lower	Upper
58	100		
43	311.9	267.7	401.5

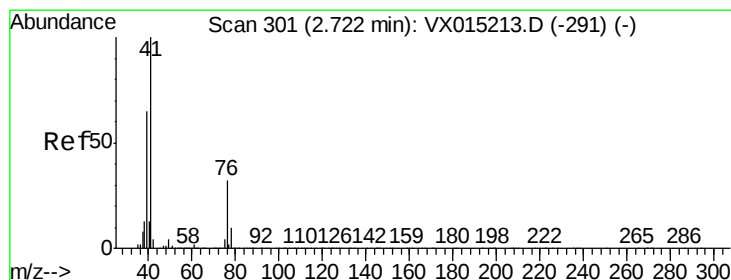
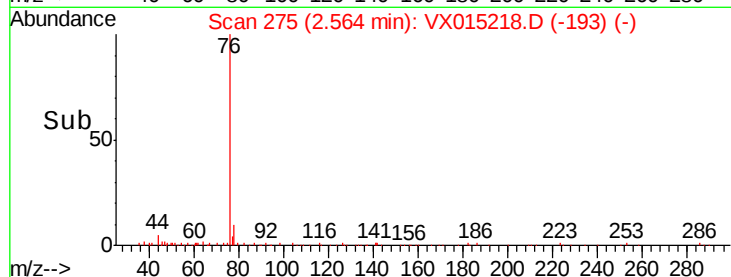
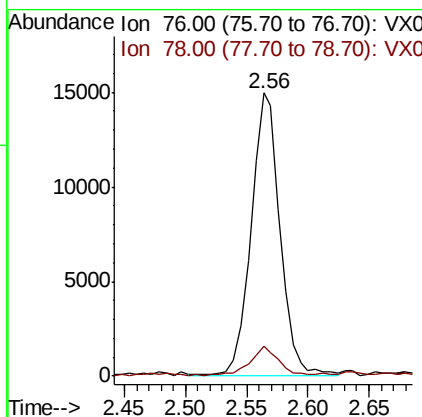
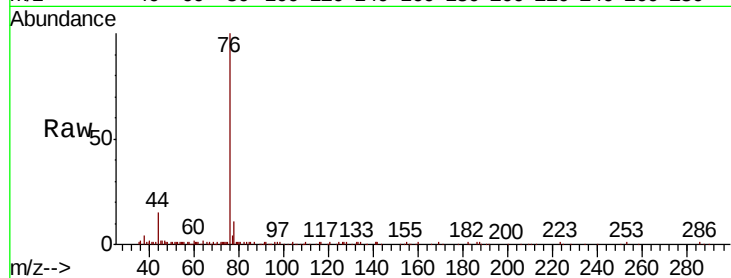




#16
Carbon Disulfide
Concen: 3.251 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.00 min
Lab File: VX015218.D
Acq: 11 Mar 2020 22:56

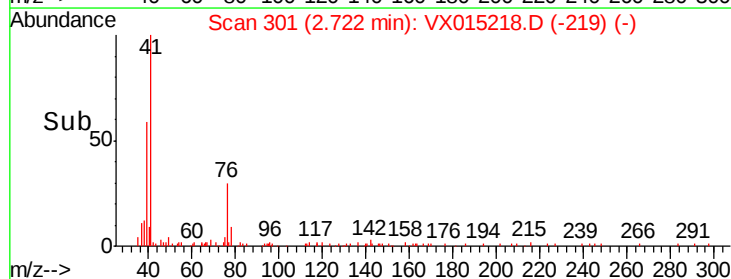
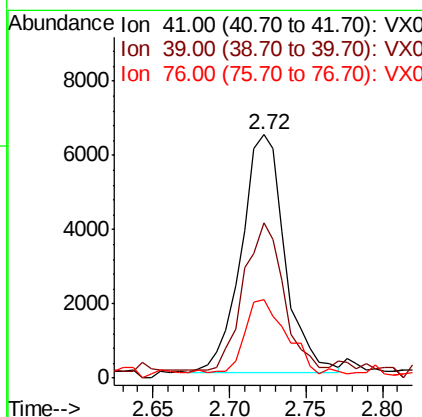
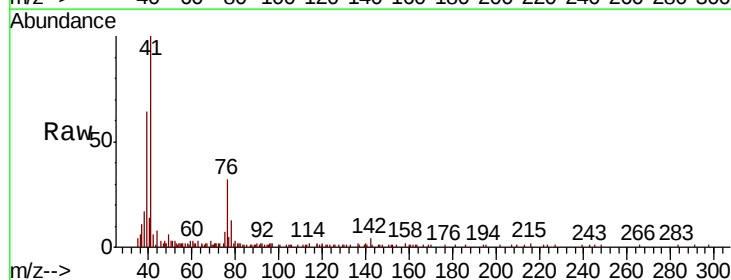
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

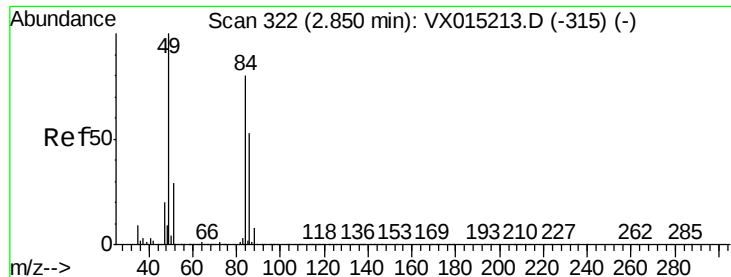
Tot Ion: 76 Resp: 24477
Ion Ratio Lower Upper
76 100
78 10.6 7.3 10.9



#17
Allyl chloride
Concen: 2.545 ug/l
RT: 2.72 min Scan# 301
Delta R.T. 0.00 min
Lab File: VX015218.D
Acq: 11 Mar 2020 22:56

Tgt Ion: 41 Resp: 12704
Ion Ratio Lower Upper
41 100
39 61.7 32.6 97.7
76 30.8 16.2 48.5

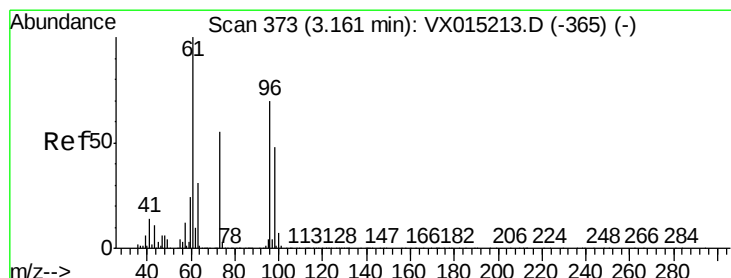
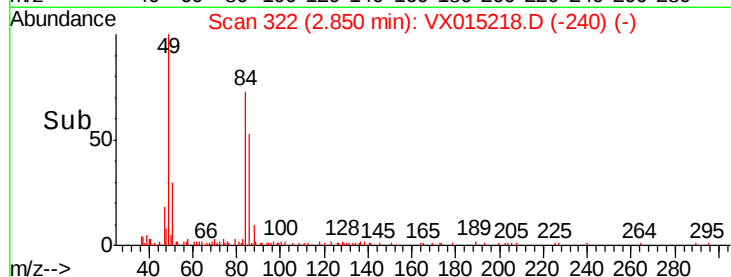
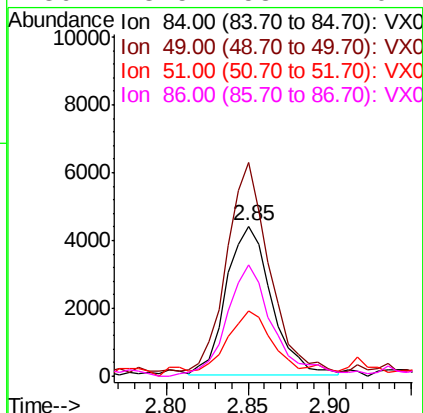
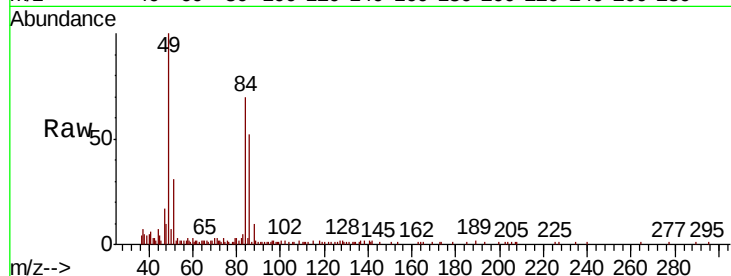




#18
Methvlene Chloride
Concen: 2.699 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX015218.D
Acq: 11 Mar 2020 22:56

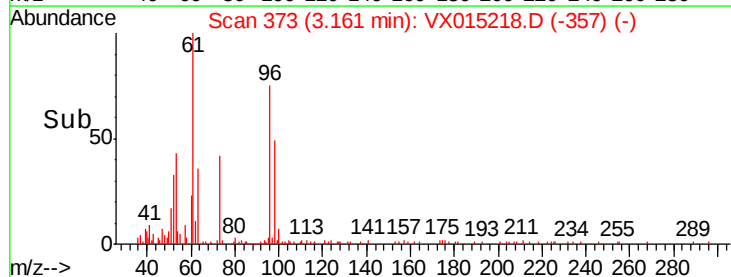
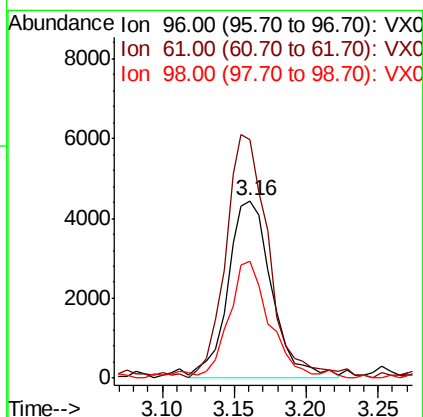
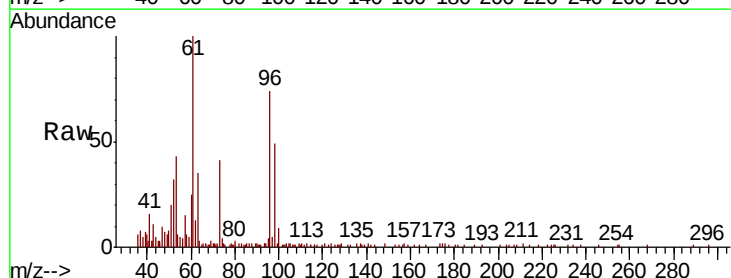
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

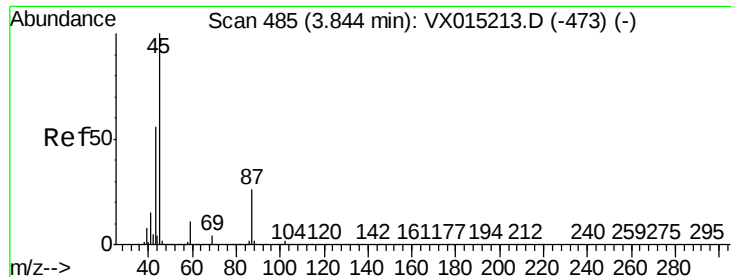
Tot Ion:	84	Resp:	8420
Ion	Ratio	Lower	Upper
84	100		
49	143.0	100.5	150.7
51	41.1	28.7	43.1
86	73.5	53.1	79.7



#19
trans-1,2-Dichloroethene
Concen: 3.150 ug/l
RT: 3.16 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX015218.D
Acq: 11 Mar 2020 22:56

Tgt Ion:	96	Resp:	9364
Ion	Ratio	Lower	Upper
96	100		
61	136.7	113.8	170.6
98	65.5	54.6	82.0

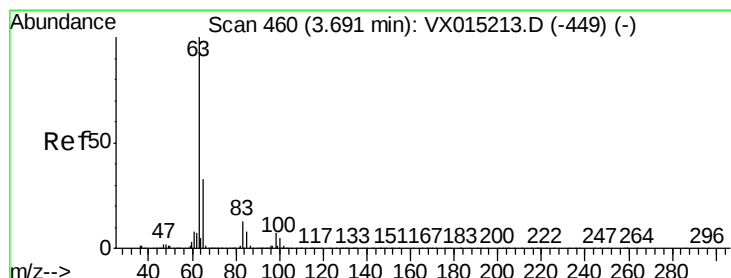
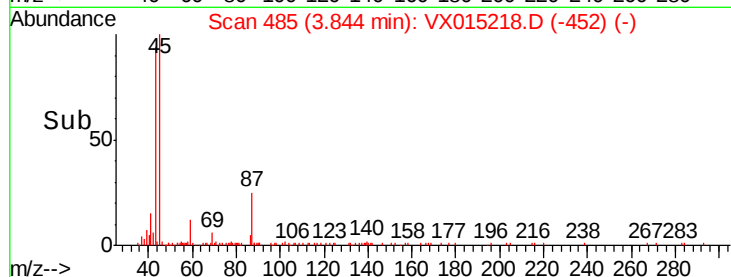
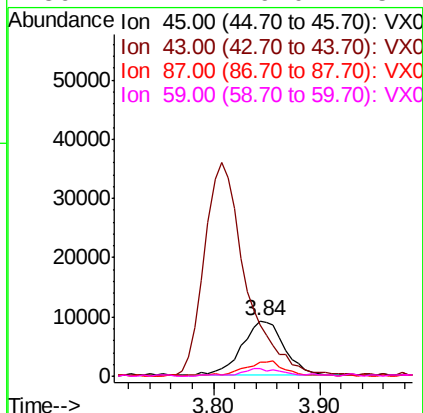
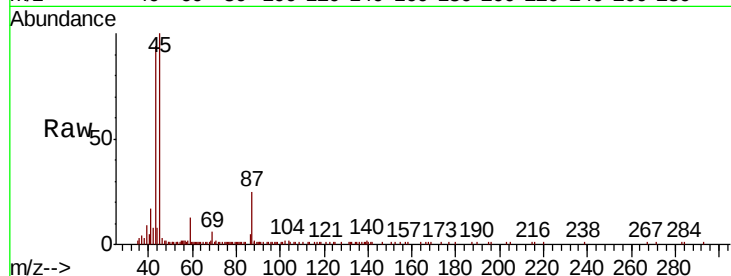




#20
Diisopropyl ether
Concen: 2.533 ug/l
RT: 3.84 min Scan# 485
Delta R.T. 0.00 min
Lab File: VX015218.D
Acq: 11 Mar 2020 22:56

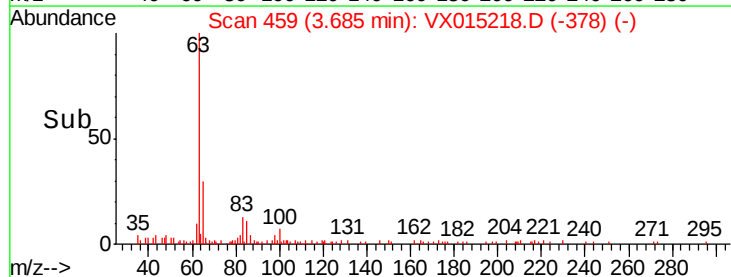
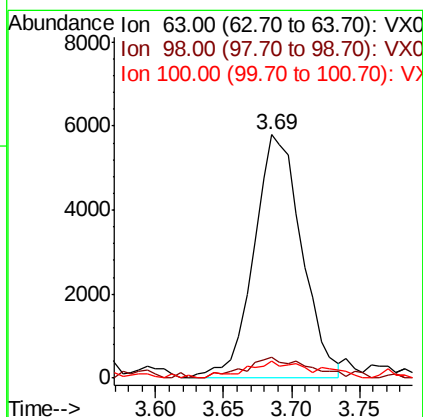
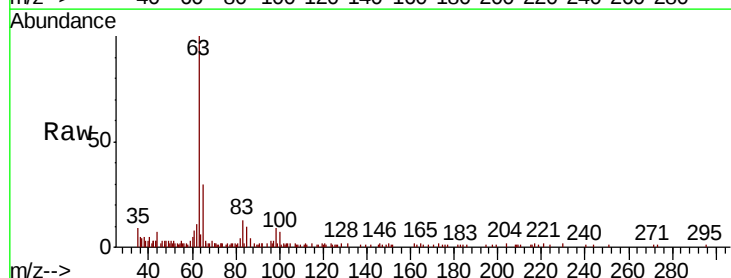
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

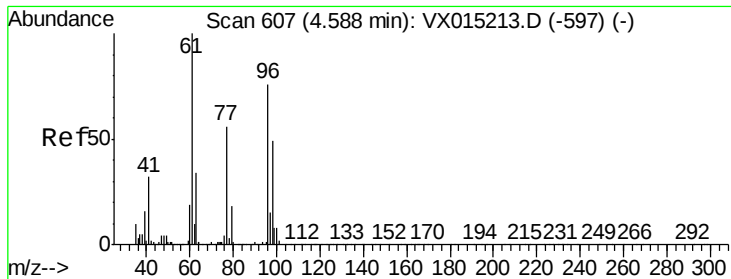
Tot Ion:	45	Resp:	25493
Ion	Ratio	Lower	Upper
45	100		
43	90.1	60.3	90.5
87	24.2	21.0	31.6
59	12.4	9.0	13.4



#21
1,1-Dichloroethane
Concen: 2.652 ug/l
RT: 3.69 min Scan# 459
Delta R.T. -0.01 min
Lab File: VX015218.D
Acq: 11 Mar 2020 22:56

Tgt Ion:	63	Resp:	14273
Ion	Ratio	Lower	Upper
63	100		
98	8.8	3.6	10.8
100	5.8	2.6	7.8



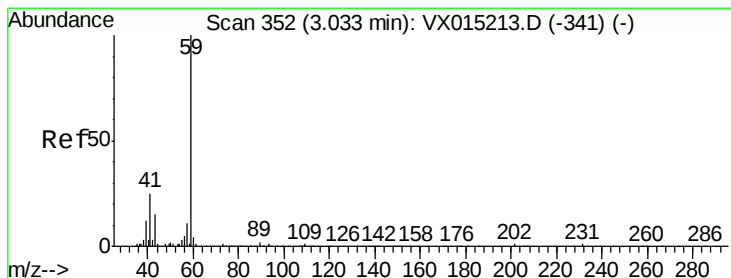
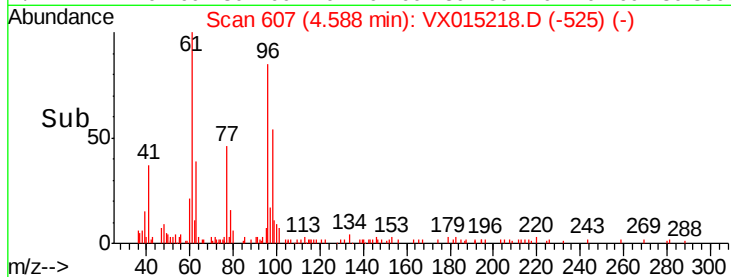
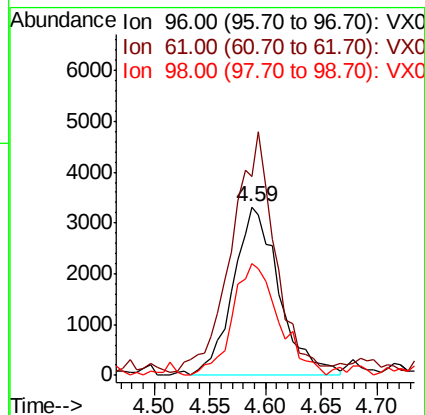
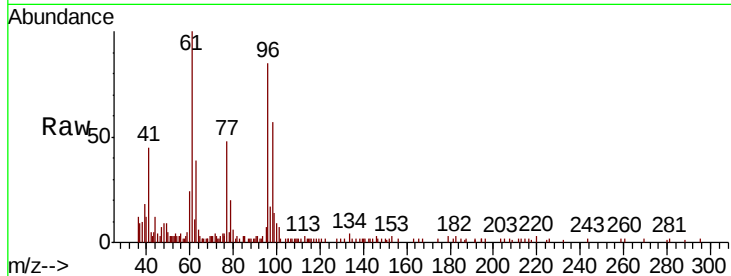


#22

cis-1,2-Dichloroethene
Concen: 2.842 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX015218.D
Acq: 11 Mar 2020 22:56

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

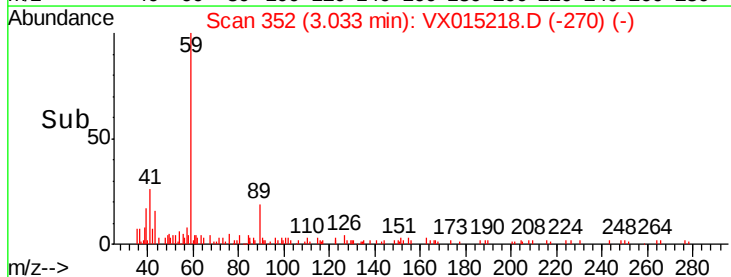
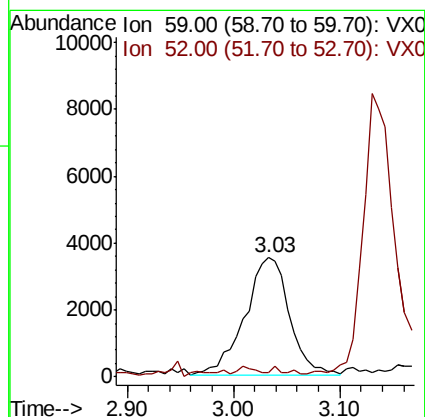
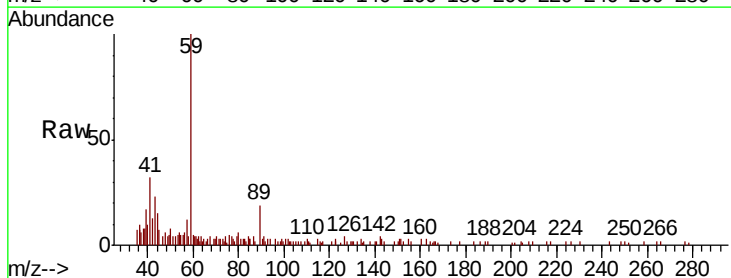
Tot Ion: 96 Resp: 9543
Ion Ratio Lower Upper
96 100
61 130.6 109.3 163.9
98 65.3 51.3 76.9

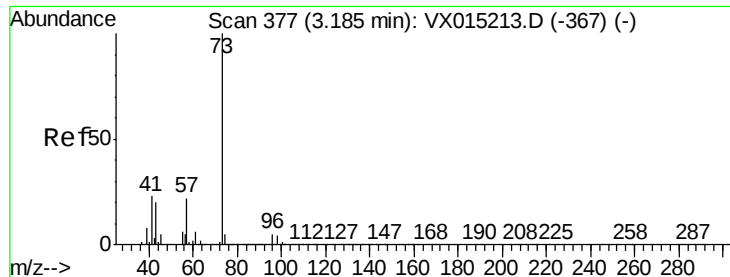


#23

tert-Butyl Alcohol
Concen: 16.159 ug/l
RT: 3.03 min Scan# 352
Delta R.T. 0.00 min
Lab File: VX015218.D
Acq: 11 Mar 2020 22:56

Tgt Ion: 59 Resp: 10364
Ion Ratio Lower Upper
59 100
52 1.1 0.2 0.2#



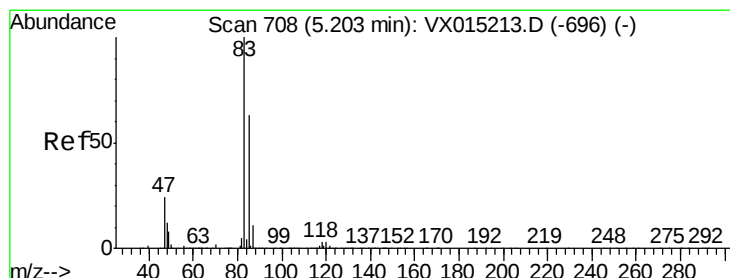
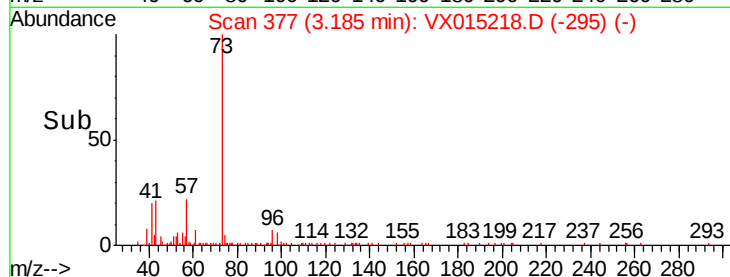
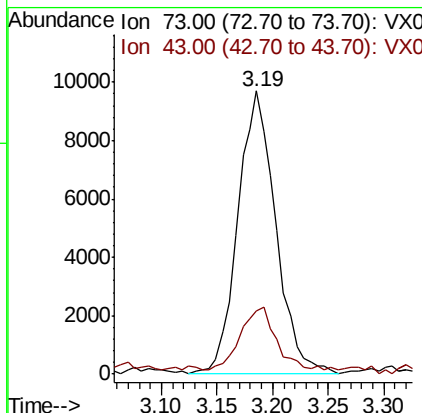
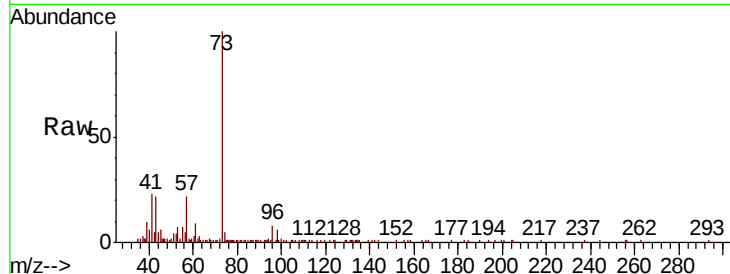


#24

Methyl tert-Butyl Ether
 Concen: 2.649 ug/l
 RT: 3.19 min Scan# 377
 Delta R.T. 0.00 min
 Lab File: VX015218.D
 Acq: 11 Mar 2020 22:56

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

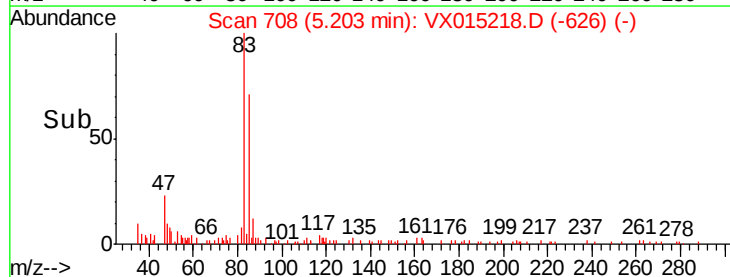
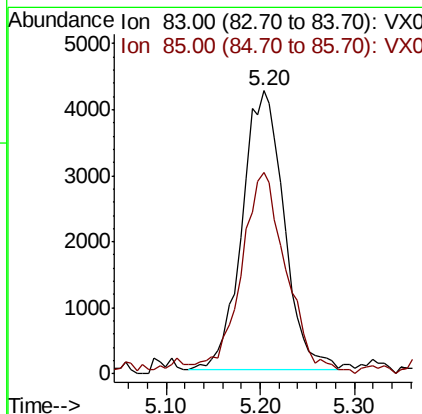
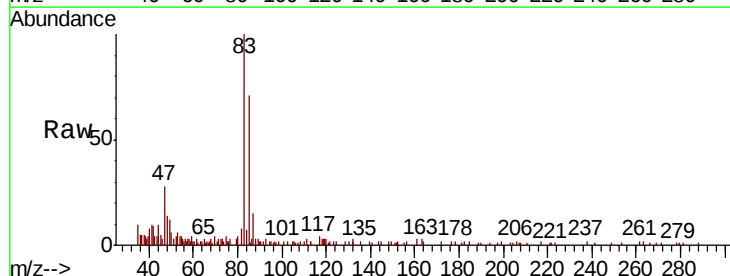
Tot Ion: 73 Resp: 22969
 Ion Ratio Lower Upper
 73 100
 43 21.4 16.4 24.6

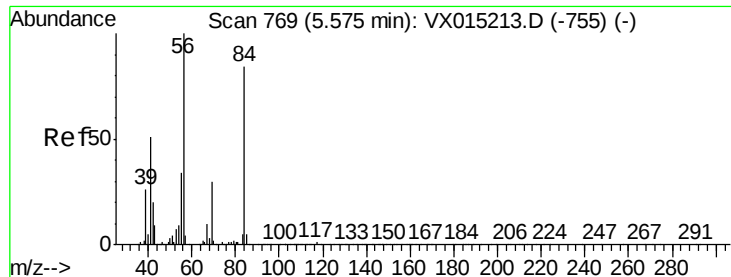


#25

Chloroform
 Concen: 2.566 ug/l
 RT: 5.20 min Scan# 708
 Delta R.T. 0.00 min
 Lab File: VX015218.D
 Acq: 11 Mar 2020 22:56

Tgt Ion: 83 Resp: 13223
 Ion Ratio Lower Upper
 83 100
 85 70.6 50.7 76.1

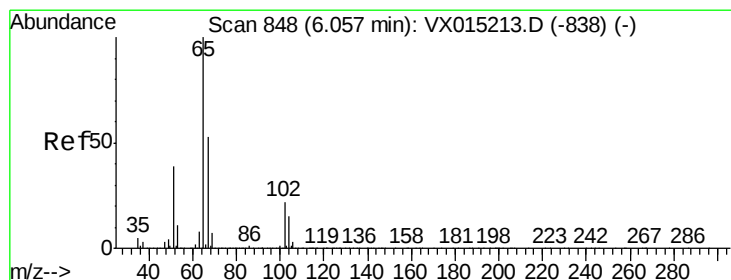
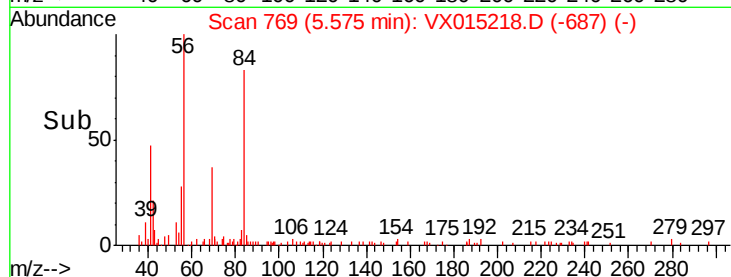
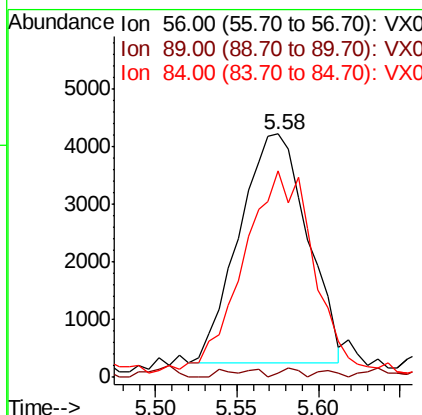
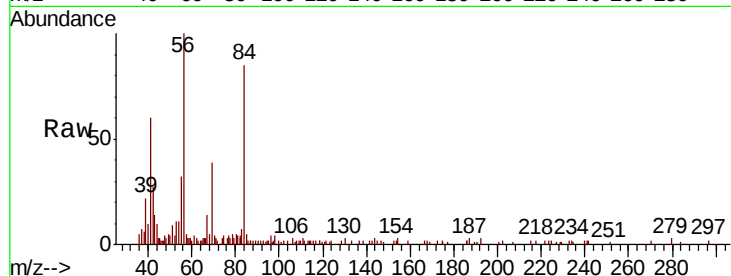




#26
Cyclohexane
Concen: 2.343 ug/l
RT: 5.58 min Scan# 769
Delta R.T. 0.00 min
Lab File: VX015218.D
Acq: 11 Mar 2020 22:56

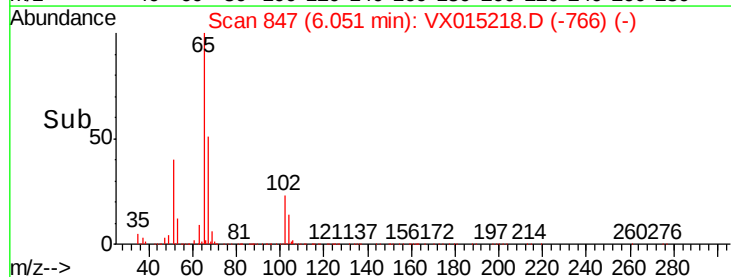
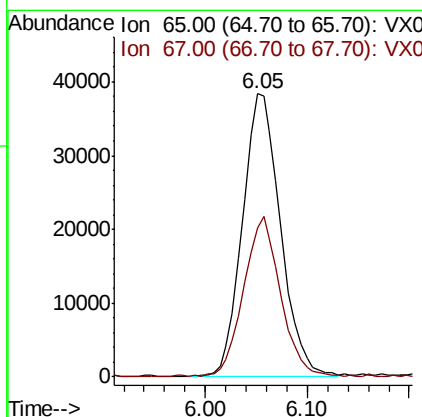
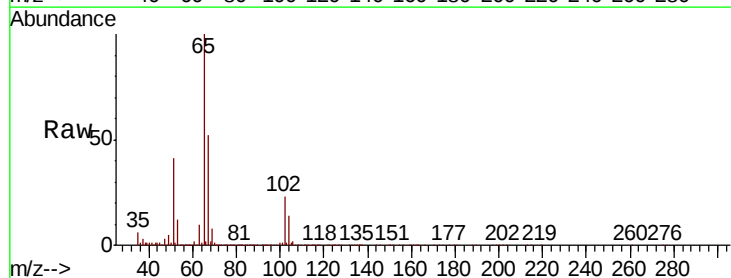
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

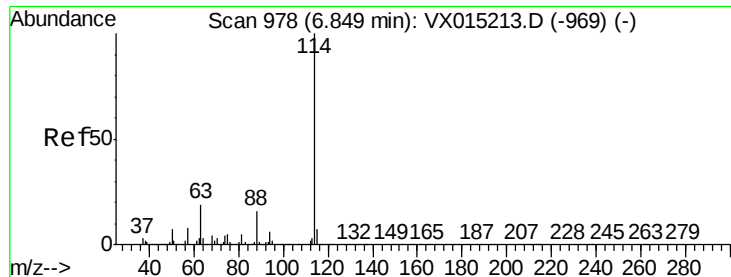
Tot Ion: 56 Resp: 11551
Ion Ratio Lower Upper
56 100
89 1.1 0.1 0.1#
84 91.8 67.3 100.9



#27
1,2-Dichloroethane-d4
Concen: 29.726 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.01 min
Lab File: VX015218.D
Acq: 11 Mar 2020 22:56

Tgt Ion: 65 Resp: 98860
Ion Ratio Lower Upper
65 100
67 54.2 42.2 63.4





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.86 min Scan# 979

Delta R.T. 0.01 min

Lab File: VX015218.D

Acq: 11 Mar 2020 22:56

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

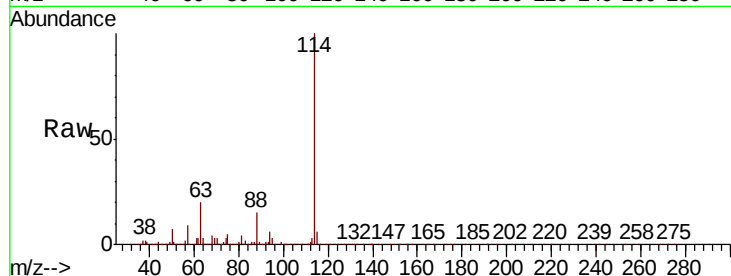
Tot Ion:114 Resp: 265380

Ion Ratio Lower Upper

114 100

63 20.6 15.8 23.6

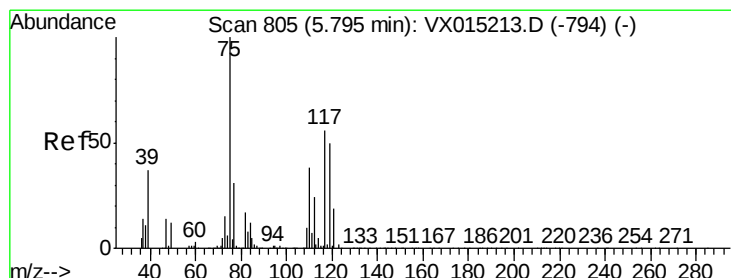
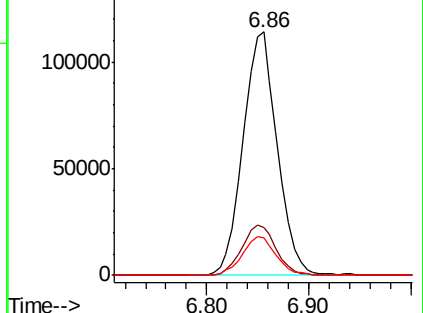
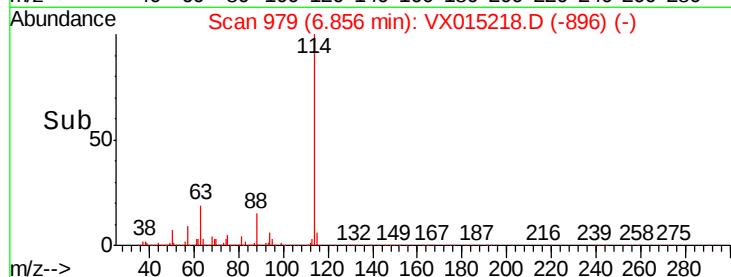
88 15.9 12.4 18.6



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0



#29

1,1-Dichloropropene

Concen: 2.697 ug/l

RT: 5.79 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX015218.D

Acq: 11 Mar 2020 22:56

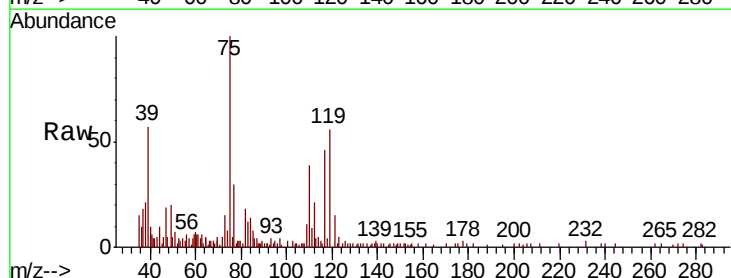
Tgt Ion: 75 Resp: 10671

Ion Ratio Lower Upper

75 100

110 41.3 0.0 74.2

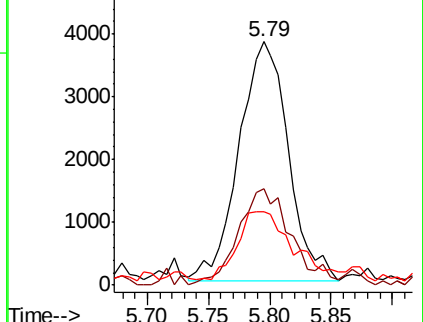
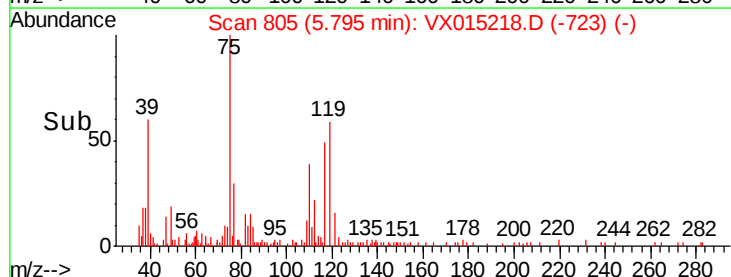
77 26.1 0.0 61.6

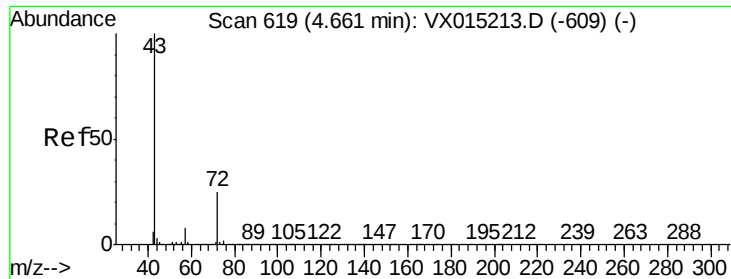


Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 110.00 (109.70 to 110.70): V

Ion 77.00 (76.70 to 77.70): VX0

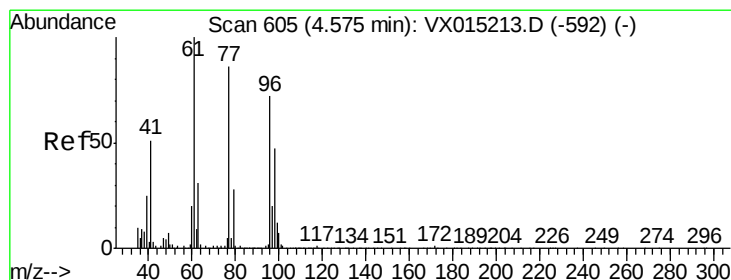
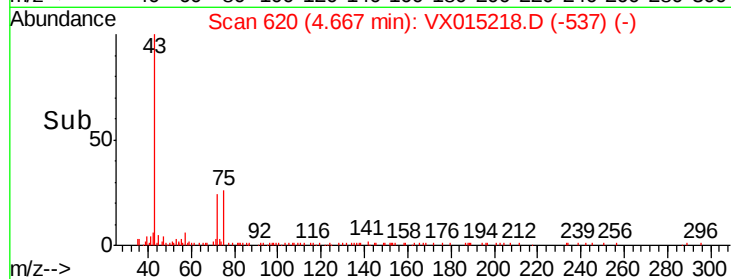
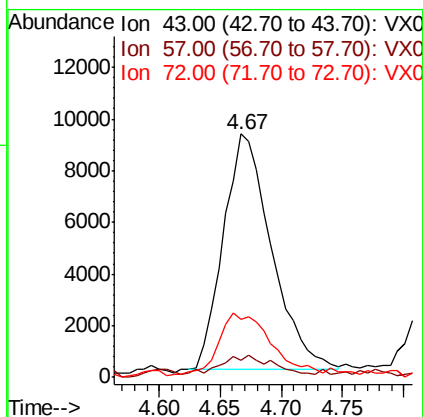
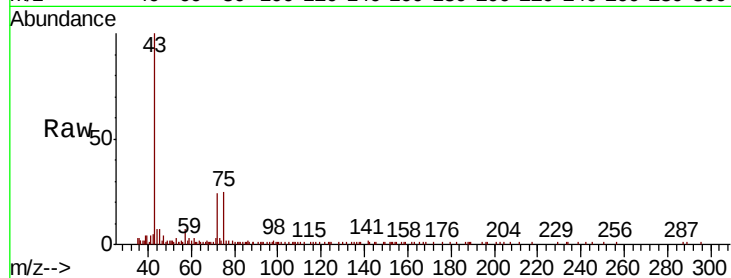




#30
2-Butanone
Concen: 11.606 ug/l
RT: 4.67 min Scan# 620
Delta R.T. 0.01 min
Lab File: VX015218.D
Acq: 11 Mar 2020 22:56

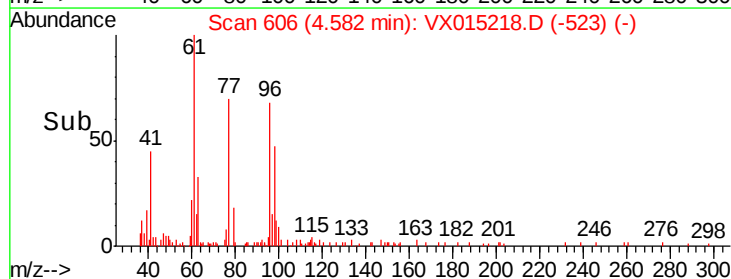
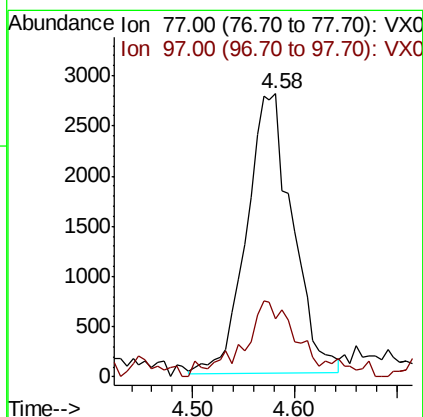
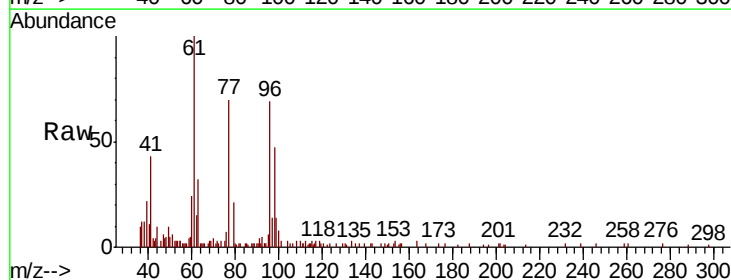
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

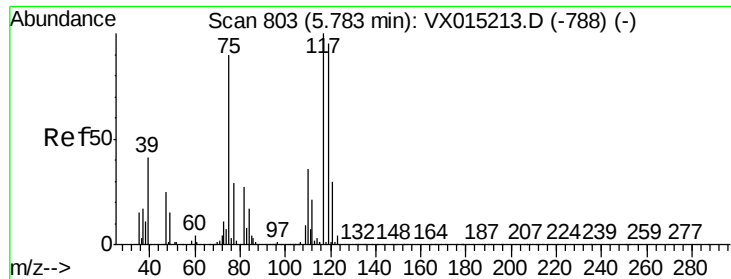
Tot Ion: 43 Resp: 24955
Ion Ratio Lower Upper
43 100
57 5.3 6.0 9.0#
72 13.1 20.2 30.4#



#31
2,2-Dichloropropane
Concen: 2.509 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.01 min
Lab File: VX015218.D
Acq: 11 Mar 2020 22:56

Tgt Ion: 77 Resp: 8755
Ion Ratio Lower Upper
77 100
97 12.1 19.4 29.2#





#33

Carbon Tetrachloride

Concen: 2.500 ug/l

RT: 5.79 min Scan# 804

Delta R.T. 0.01 min

Lab File: VX015218.D

Acq: 11 Mar 2020 22:56

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

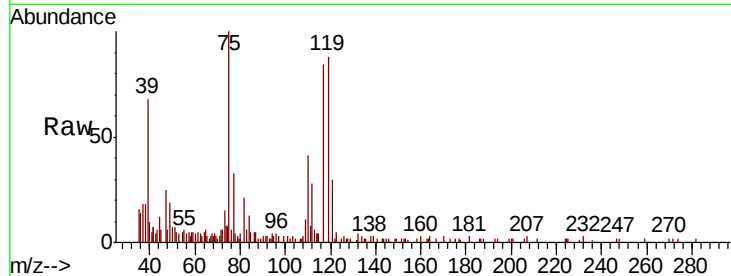
Tot Ion:117 Resp: 9271

Ion Ratio Lower Upper

117 100

119 100.7 76.2 114.2

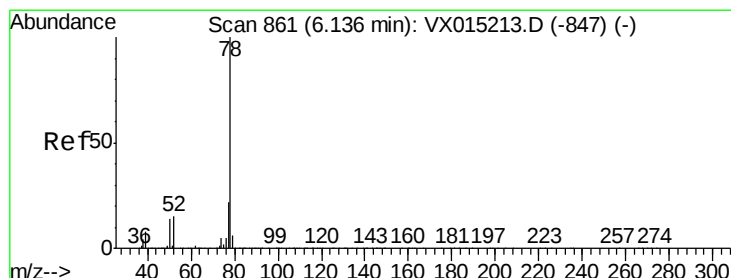
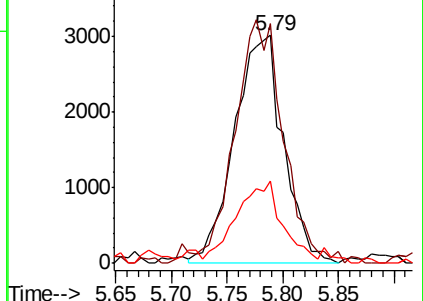
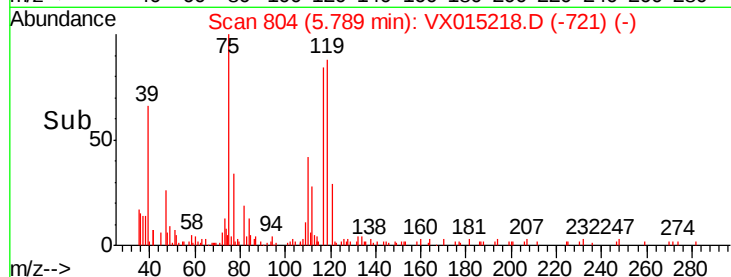
121 33.2 24.2 36.4



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 2.646 ug/l

RT: 6.14 min Scan# 861

Delta R.T. 0.00 min

Lab File: VX015218.D

Acq: 11 Mar 2020 22:56

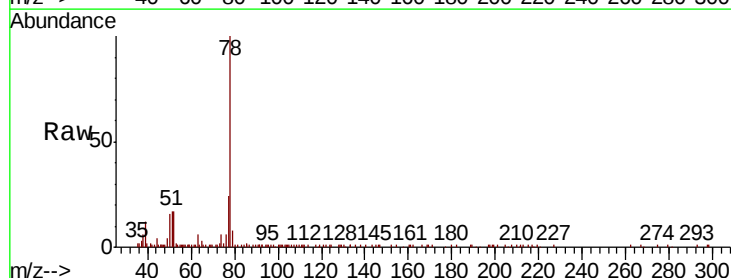
Tgt Ion: 78 Resp: 32132

Ion Ratio Lower Upper

78 100

77 23.0 17.9 26.9

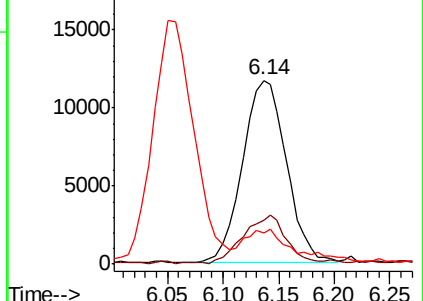
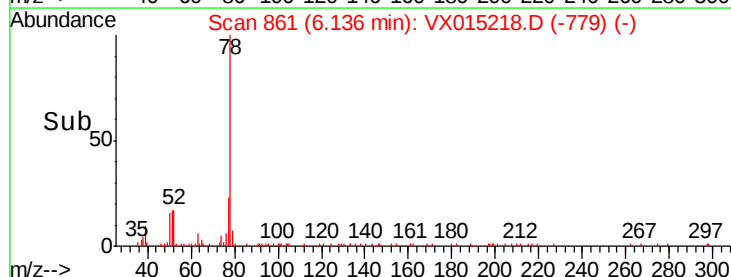
51 13.6 13.4 20.0

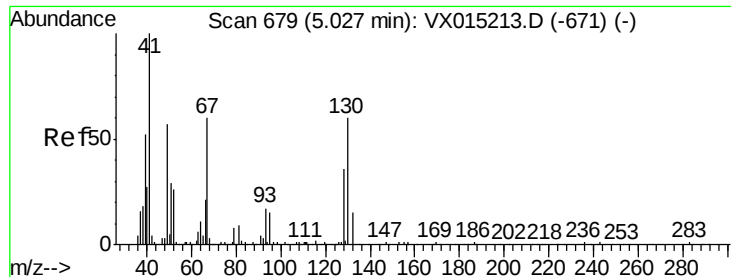


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

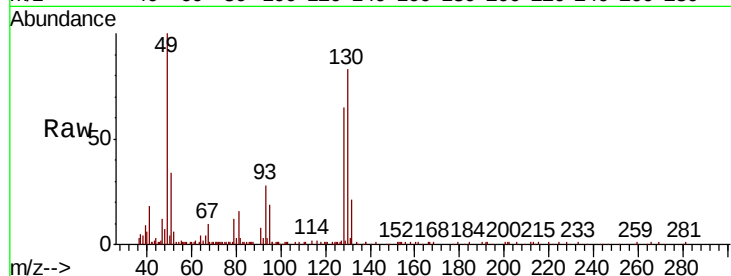




#35
Methacrylonitrile
Concen: 2.435 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.01 min
Lab File: VX015218.D
Acq: 11 Mar 2020 22:56

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

Tot Ion:	41	Resp:	5720
Ion	Ratio	Lower	Upper
41	100		
39	40.5	25.9	77.6
67	52.3	29.4	88.2
52	24.3	12.8	38.3



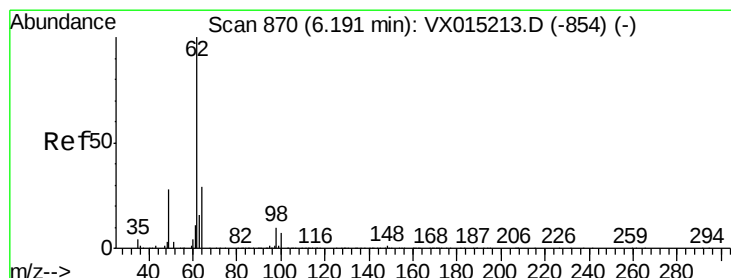
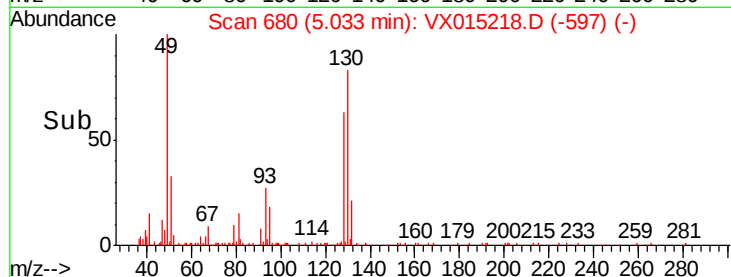
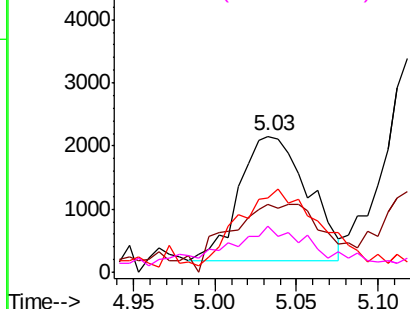
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

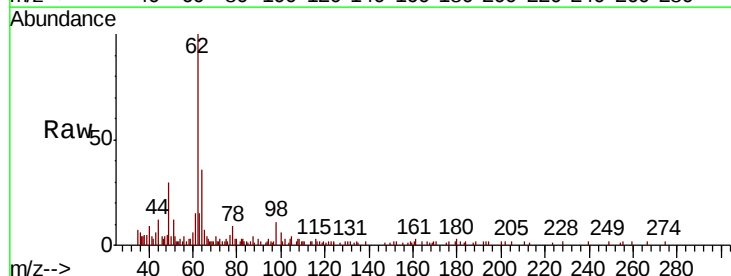
Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#36
1,2-Dichloroethane
Concen: 2.530 ug/l
RT: 6.19 min Scan# 870
Delta R.T. 0.00 min
Lab File: VX015218.D
Acq: 11 Mar 2020 22:56

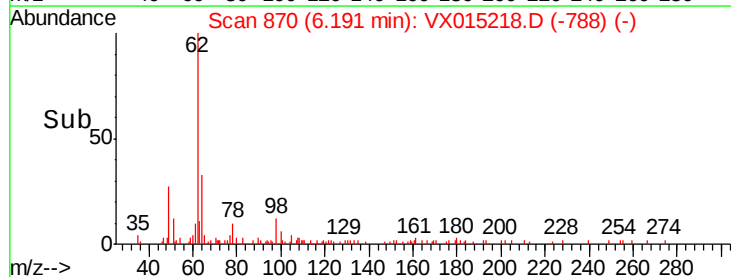
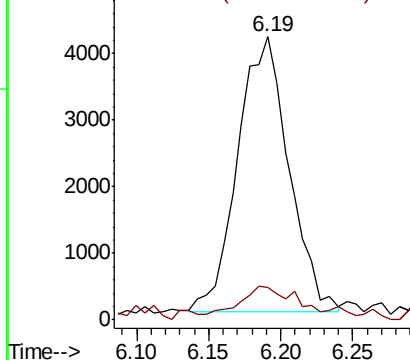
Tgt Ion:	62	Resp:	10206
Ion	Ratio	Lower	Upper
62	100		
98	8.6	8.6	13.0#

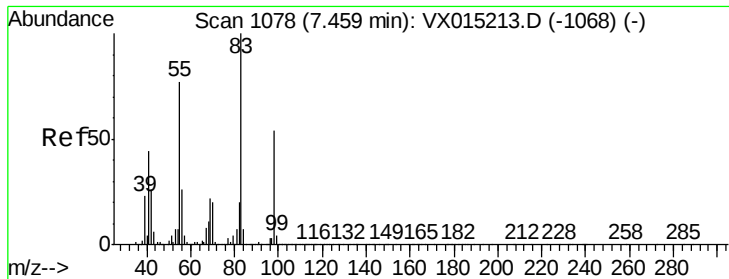


Abundance

Ion 62.00 (61.70 to 62.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

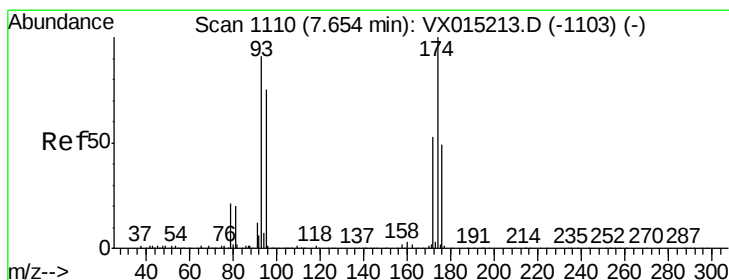
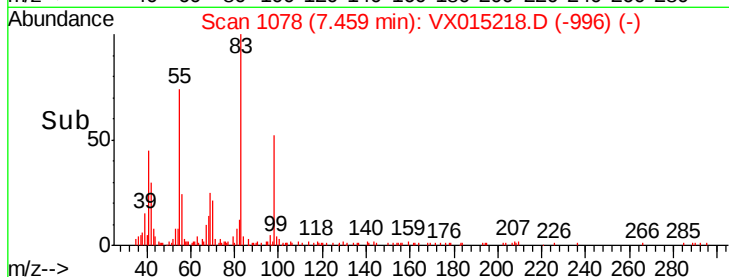
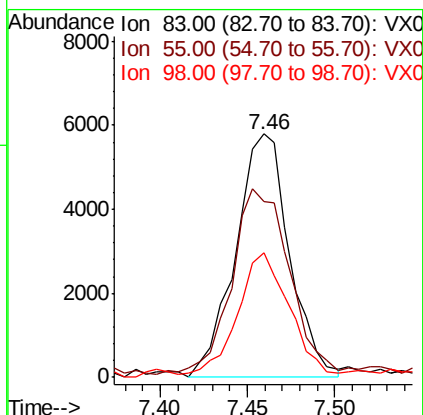
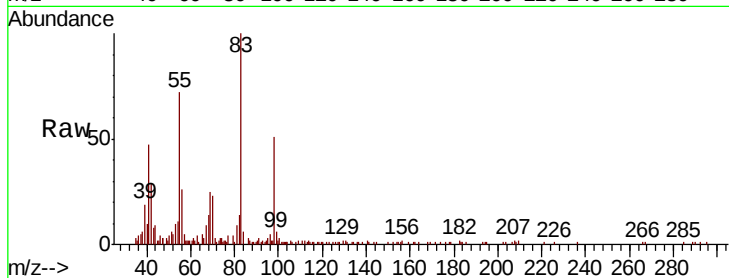




#38
Methvlcvclohexane
Concen: 2.661 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX015218.D
Acq: 11 Mar 2020 22:56

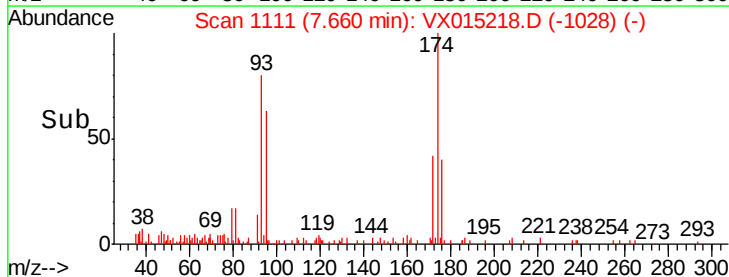
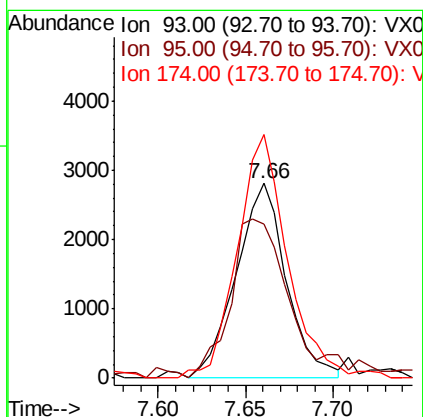
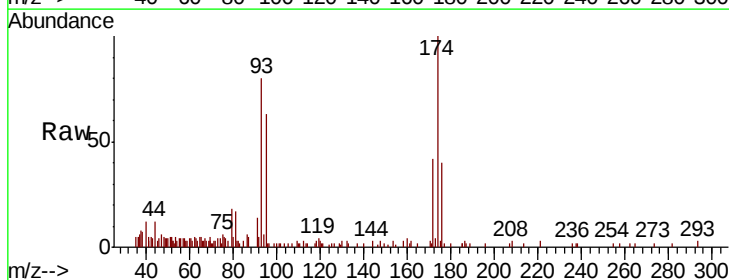
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

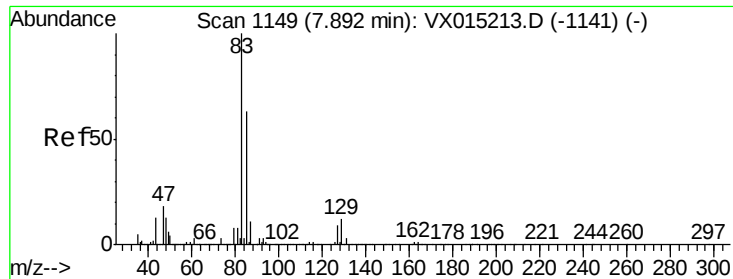
Tot Ion: 83 Resp: 12435
Ion Ratio Lower Upper
83 100
55 81.6 39.9 119.6
98 49.8 24.8 74.3



#40
Dibromomethane
Concen: 2.771 ug/l
RT: 7.66 min Scan# 1111
Delta R.T. 0.01 min
Lab File: VX015218.D
Acq: 11 Mar 2020 22:56

Tgt Ion: 93 Resp: 5627
Ion Ratio Lower Upper
93 100
95 89.6 0.0 159.6
174 122.2 0.0 225.2





#41

Bromodichloromethane

Concen: 2.427 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX015218.D

Acq: 11 Mar 2020 22:56

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

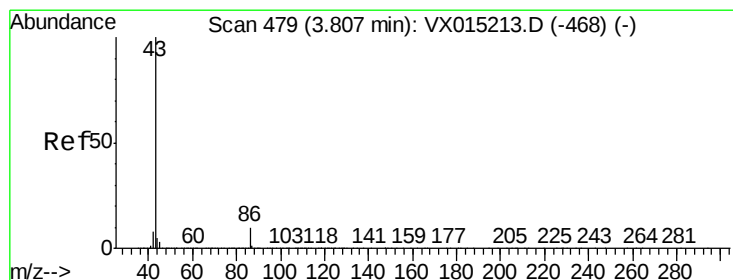
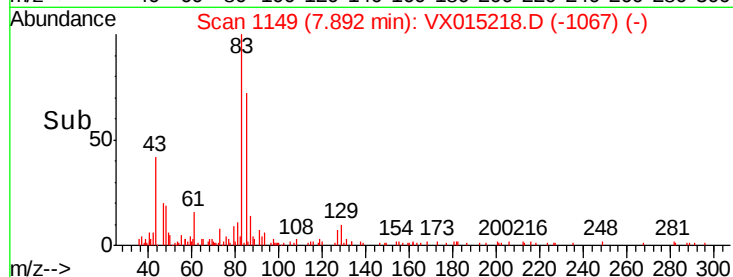
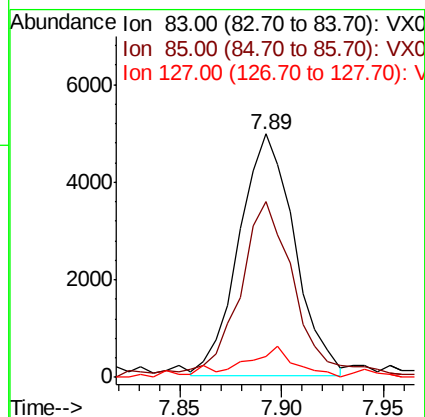
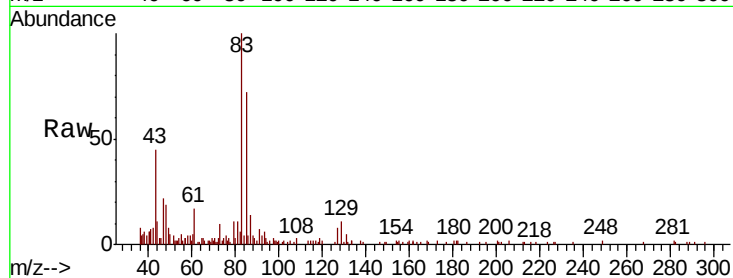
Tot Ion: 83 Resp: 9418

Ion Ratio Lower Upper

83 100

85 71.0 50.0 75.0

127 8.7 7.1 10.7



#42

Vinyl Acetate

Concen: 11.567 ug/l

RT: 3.81 min Scan# 479

Delta R.T. 0.00 min

Lab File: VX015218.D

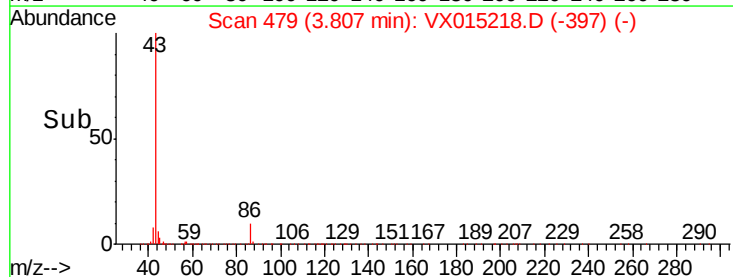
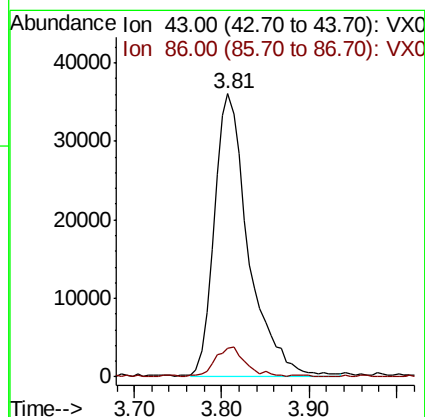
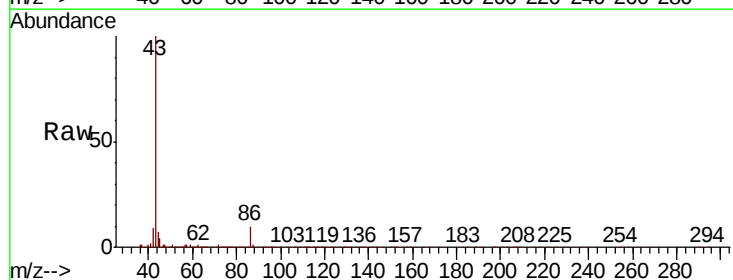
Acq: 11 Mar 2020 22:56

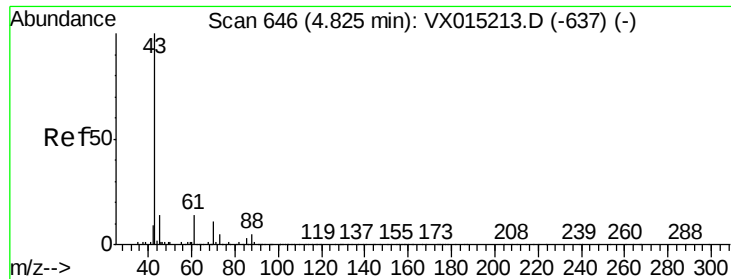
Tgt Ion: 43 Resp: 96705

Ion Ratio Lower Upper

43 100

86 8.4 7.4 11.0

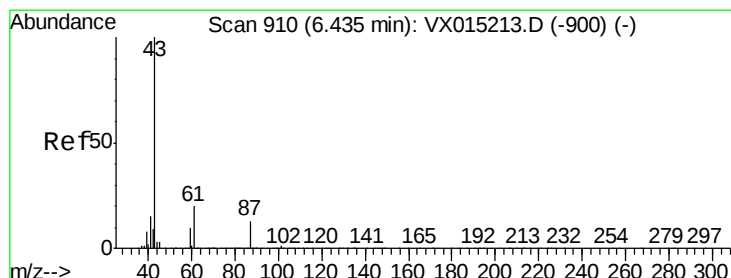
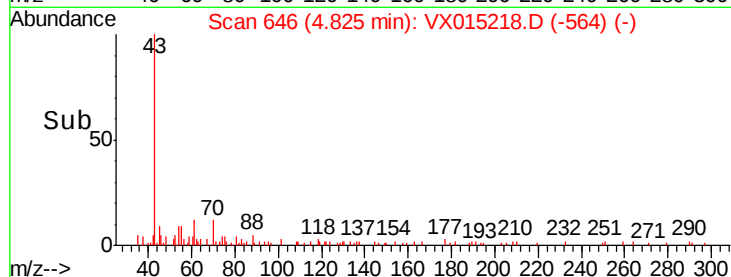
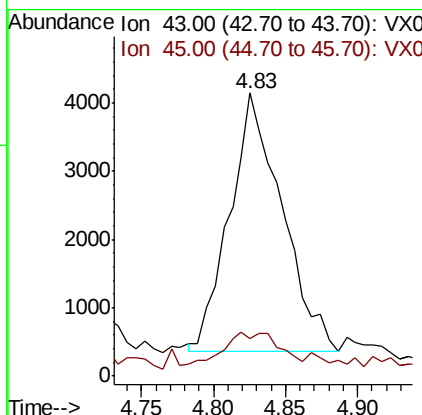
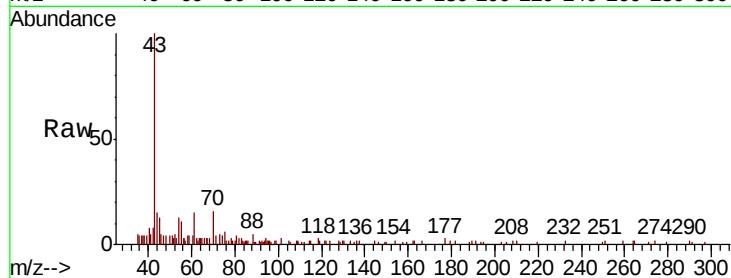




#43
Ethyl Acetate
Concen: 2.226 ug/l
RT: 4.83 min Scan# 646
Delta R.T. 0.00 min
Lab File: VX015218.D
Acq: 11 Mar 2020 22:56

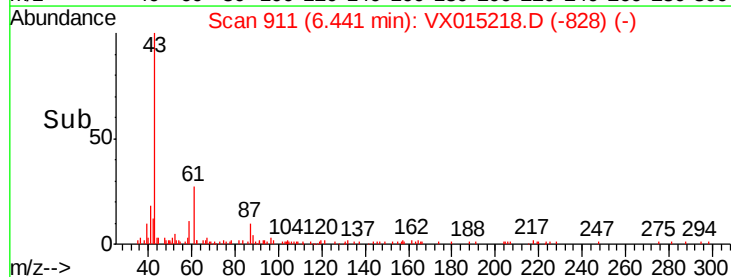
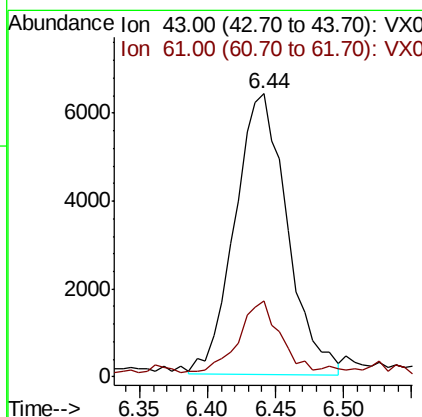
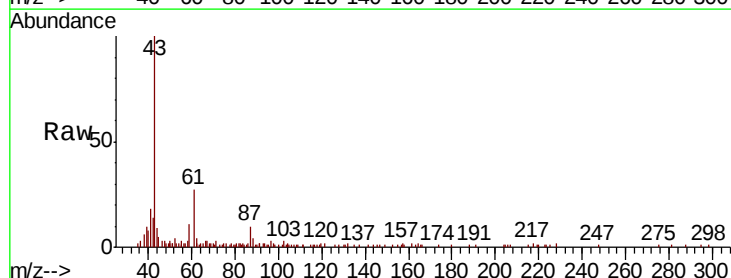
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

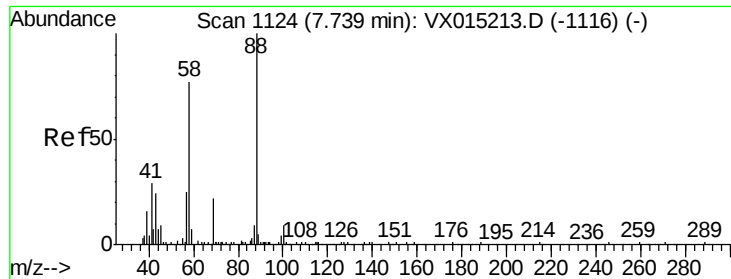
Tot Ion: 43 Resp: 9531
Ion Ratio Lower Upper
43 100
45 7.8 0.1 0.1#



#44
Isopropyl Acetate
Concen: 2.459 ug/l
RT: 6.44 min Scan# 911
Delta R.T. 0.01 min
Lab File: VX015218.D
Acq: 11 Mar 2020 22:56

Tgt Ion: 43 Resp: 17204
Ion Ratio Lower Upper
43 100
61 22.0 16.7 25.1

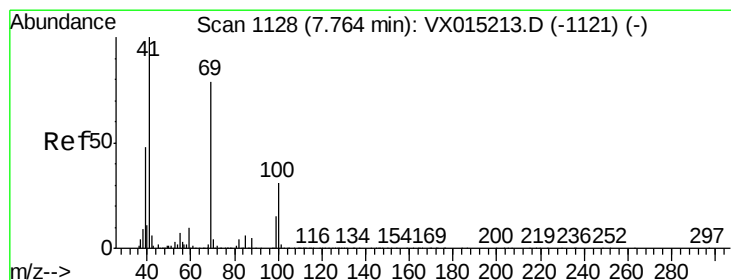
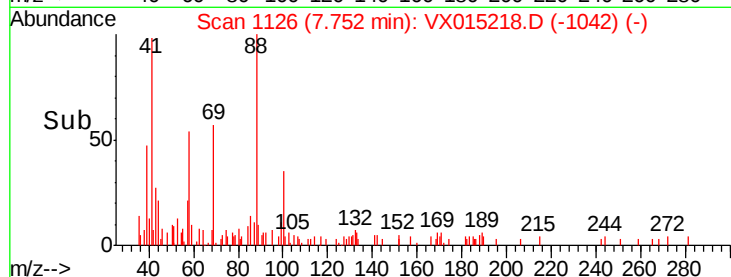
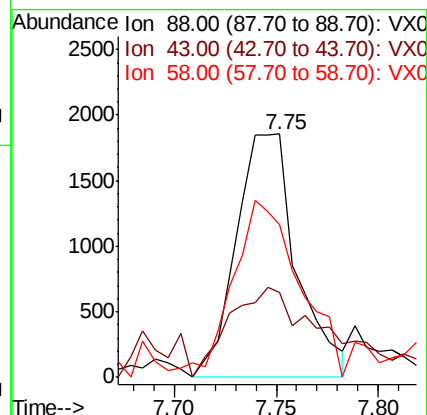
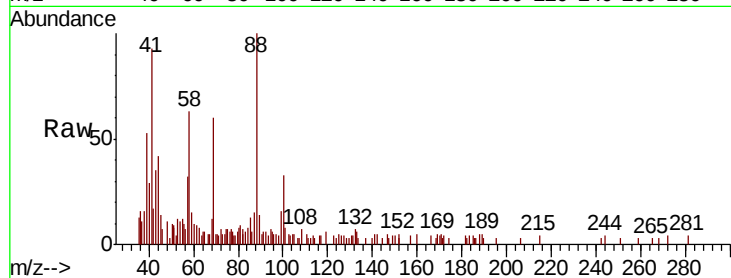




#45
1,4-Dioxane
Concen: 52.658 ug/l
RT: 7.75 min Scan# 1126
Delta R.T. 0.01 min
Lab File: VX015218.D
Acq: 11 Mar 2020 22:56

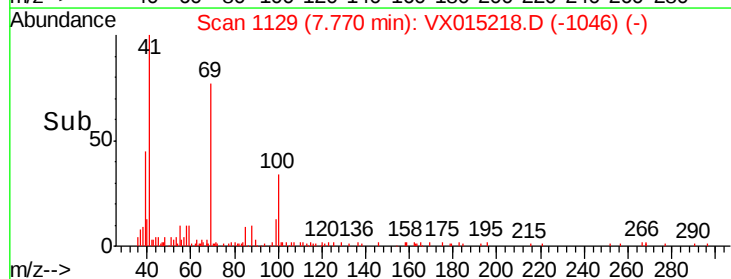
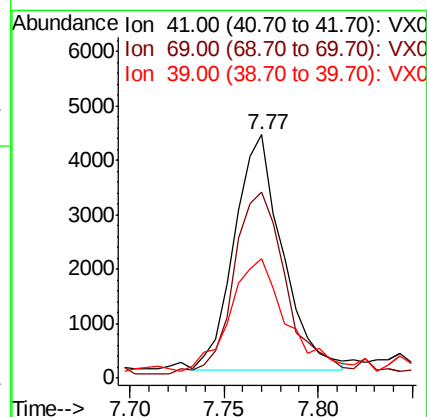
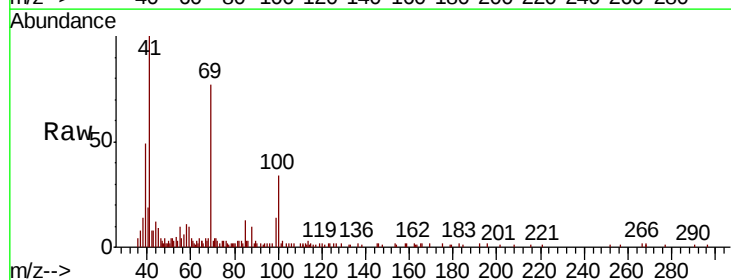
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

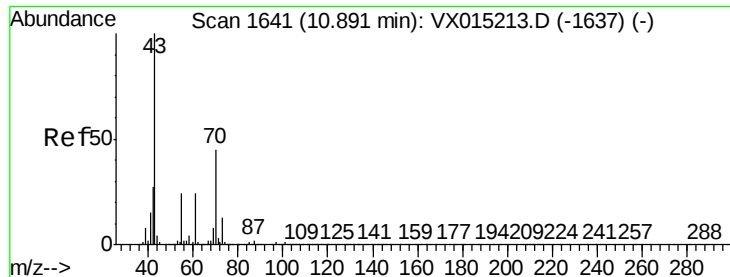
Tot Ion: 88 Resp: 3833
Ion Ratio Lower Upper
88 100
43 35.9 24.8 37.2
58 77.8 59.7 89.5



#46
Methyl methacrylate
Concen: 2.227 ug/l
RT: 7.77 min Scan# 1129
Delta R.T. 0.01 min
Lab File: VX015218.D
Acq: 11 Mar 2020 22:56

Tgt Ion: 41 Resp: 7616
Ion Ratio Lower Upper
41 100
69 76.1 39.6 118.7
39 45.8 23.5 70.6





#47

n-amvl Acetate

Concen: 1.951 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX015218.D

Acq: 11 Mar 2020 22:56

Instrument :

MSVOA_X

ClientSampleId :

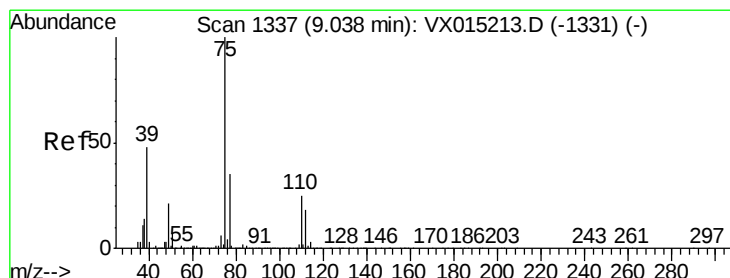
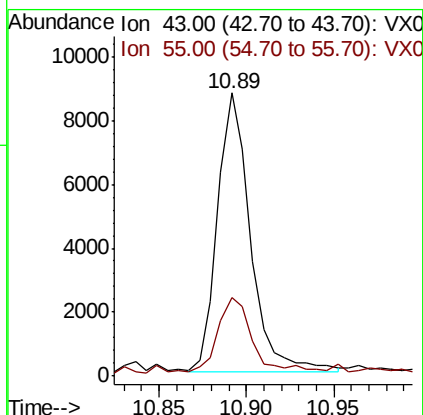
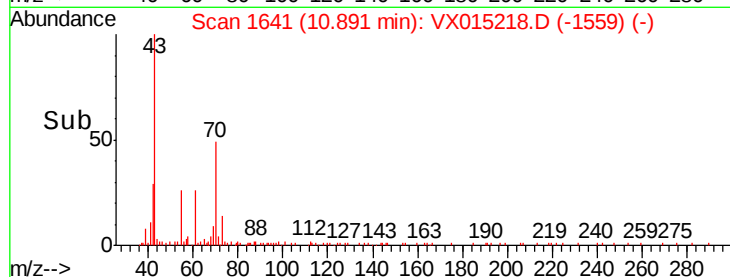
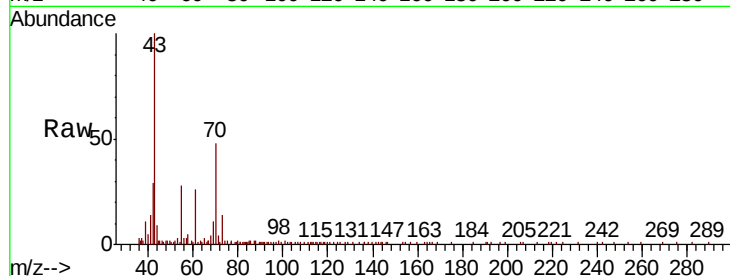
LOD-MDL-WATER-01-QT1-2020

Tot Ion: 43 Resp: 11421

Ion Ratio Lower Upper

43 100

55 27.8 20.2 30.2



#48

t-1,3-Dichloropropene

Concen: 2.331 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VX015218.D

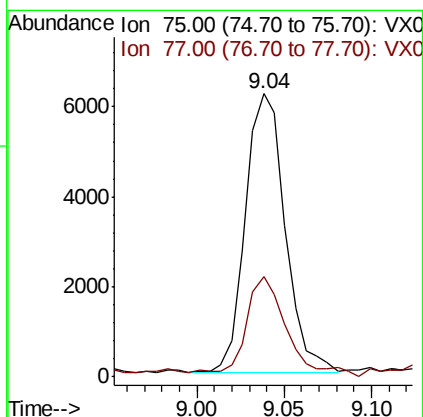
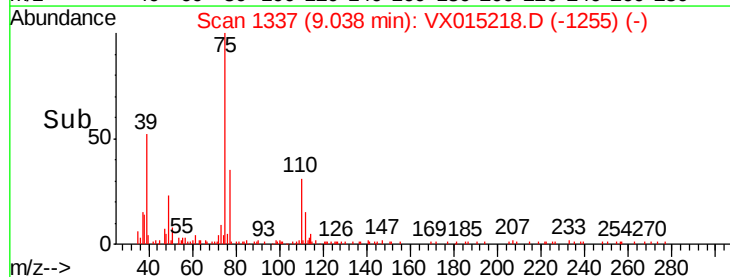
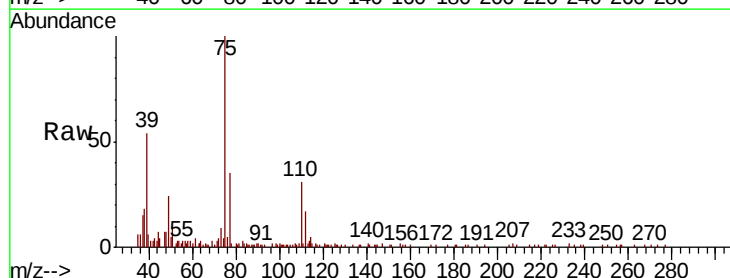
Acq: 11 Mar 2020 22:56

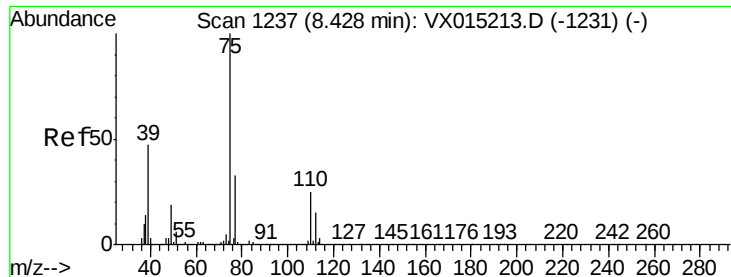
Tgt Ion: 75 Resp: 9822

Ion Ratio Lower Upper

75 100

77 34.3 27.7 41.5





#49

cis-1,3-Dichloropropene

Concen: 2.424 ug/l

RT: 8.43 min Scan# 1238

Delta R.T. 0.01 min

Lab File: VX015218.D

Acq: 11 Mar 2020 22:56

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

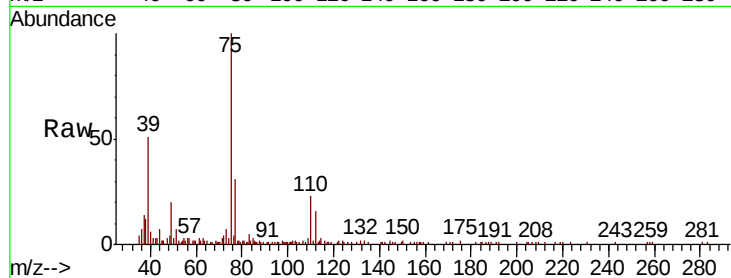
Tot Ion: 75 Resp: 11577

Ion Ratio Lower Upper

75 100

77 29.2 26.5 39.7

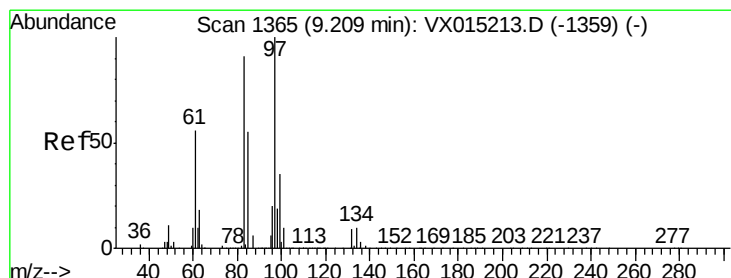
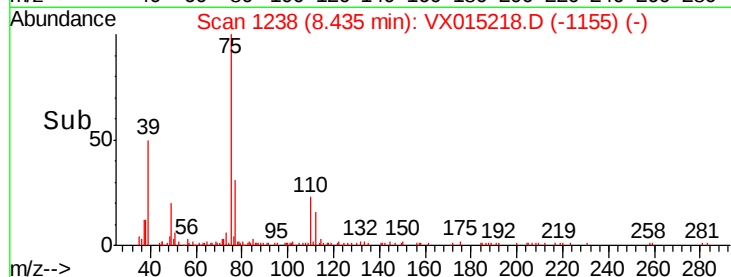
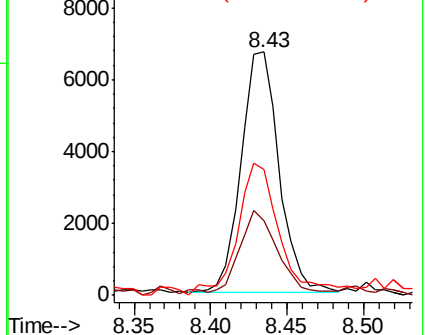
39 52.1 37.4 56.2



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#50

1,1,2-Trichloroethane

Concen: 2.511 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VX015218.D

Acq: 11 Mar 2020 22:56

Tgt Ion: 97 Resp: 7594

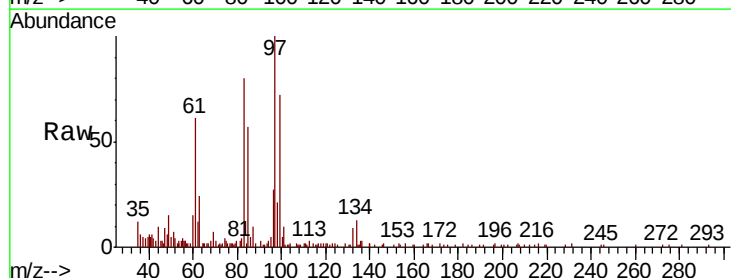
Ion Ratio Lower Upper

97 100

83 80.5 72.4 108.6

85 53.4 46.6 69.8

99 70.5 51.9 77.9

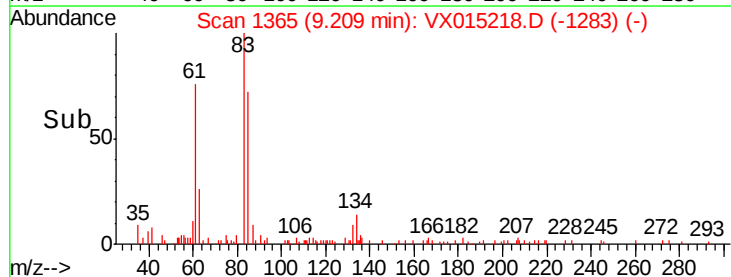
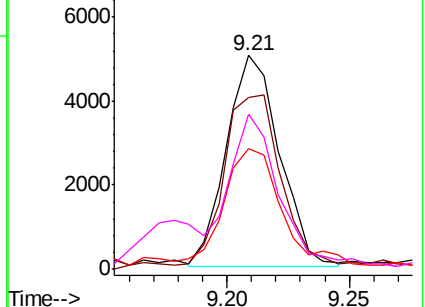


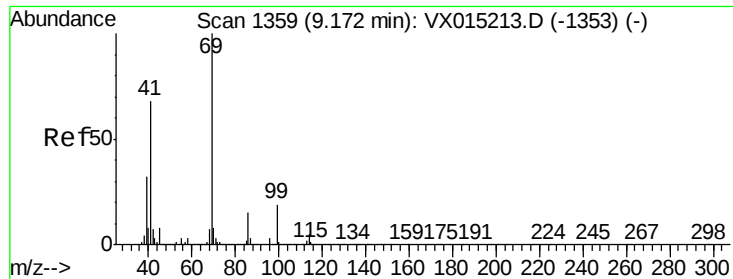
Abundance Ion 97.00 (96.70 to 97.70): VX0

Ion 82.95 (82.65 to 83.65): VX0

Ion 84.95 (84.65 to 85.65): VX0

Ion 98.95 (98.65 to 99.65): VX0





#51

Ethyl methacrylate

Concen: 2.286 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX015218.D

Acq: 11 Mar 2020 22:56

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

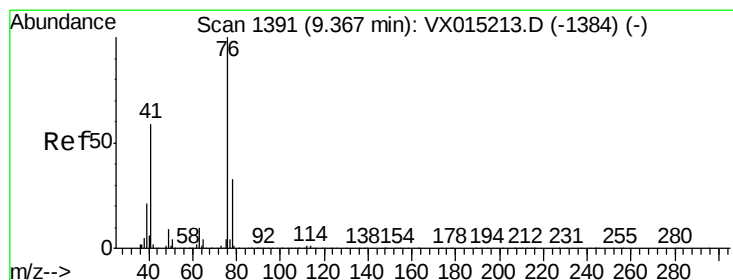
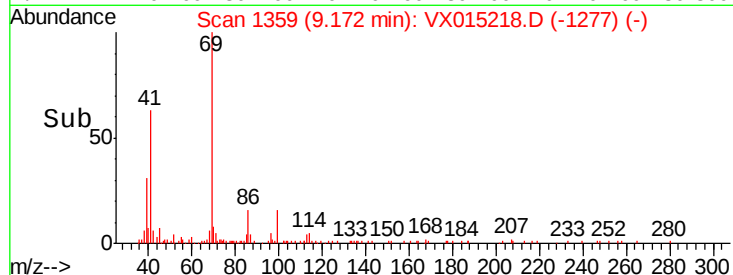
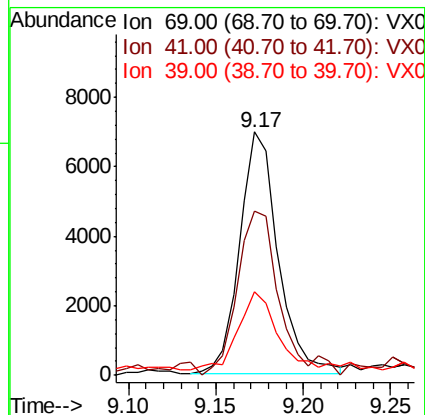
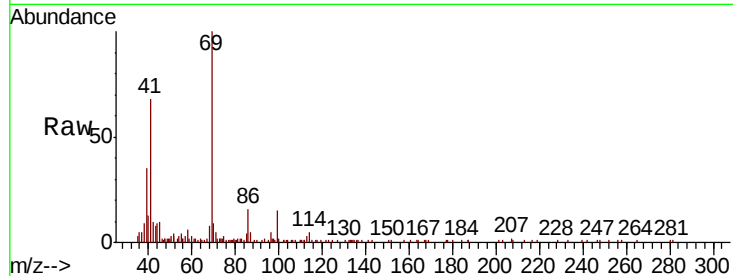
Tot Ion: 69 Resp: 10617

Ion Ratio Lower Upper

69 100

41 68.3 33.8 101.3

39 32.6 16.1 48.2



#52

1,3-Dichloropropane

Concen: 2.548 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX015218.D

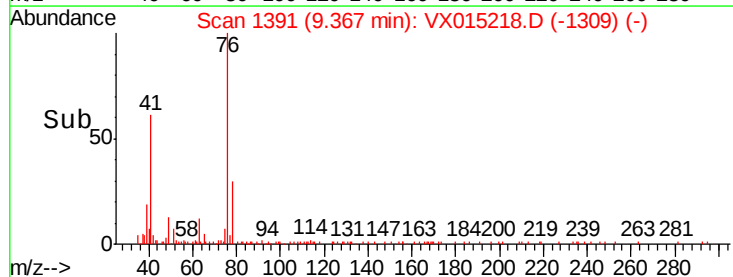
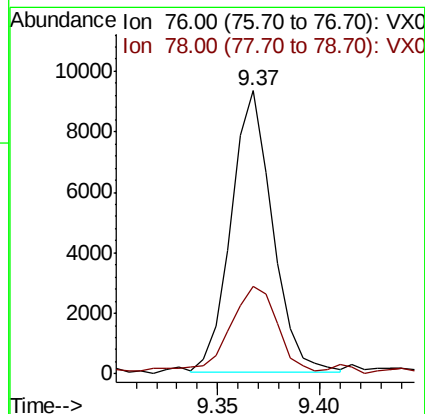
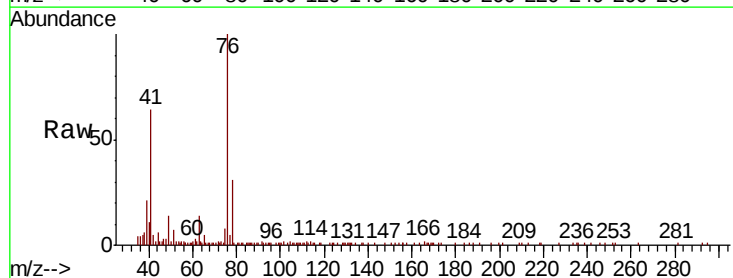
Acq: 11 Mar 2020 22:56

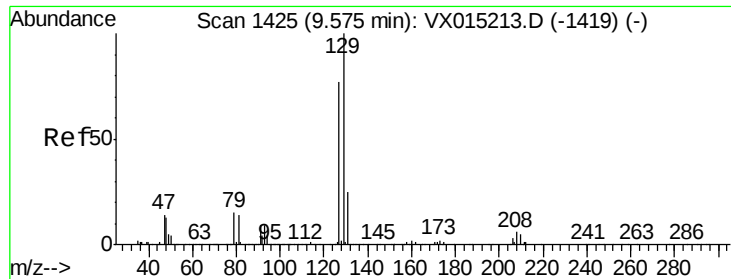
Tgt Ion: 76 Resp: 13046

Ion Ratio Lower Upper

76 100

78 33.2 0.0 65.0

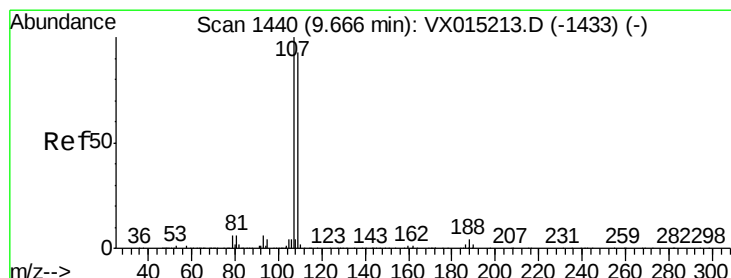
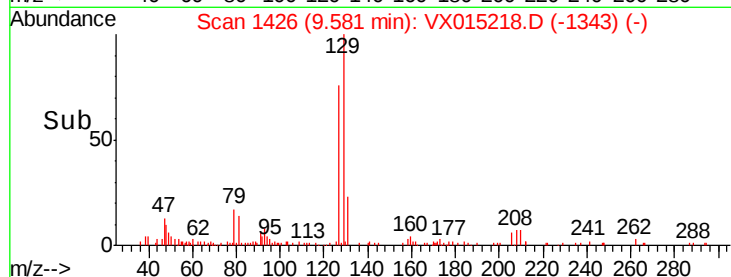
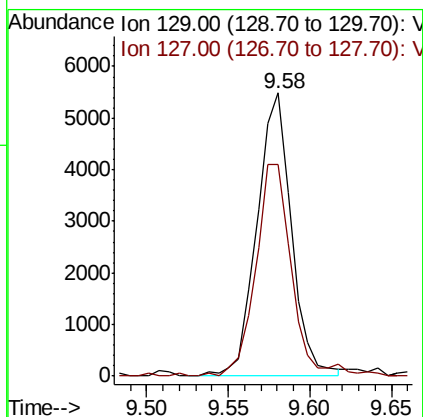
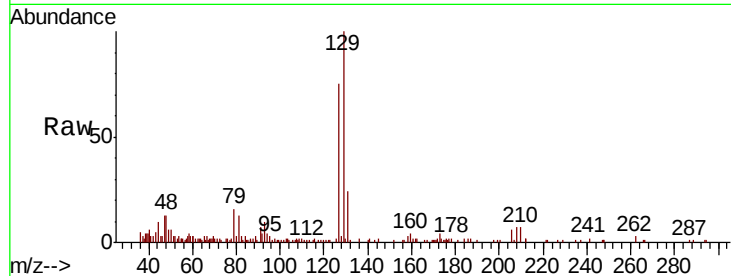




#53
 Dibromochloromethane
 Concen: 2.532 ug/l
 RT: 9.58 min Scan# 1426
 Delta R.T. 0.01 min
 Lab File: VX015218.D
 Acq: 11 Mar 2020 22:56

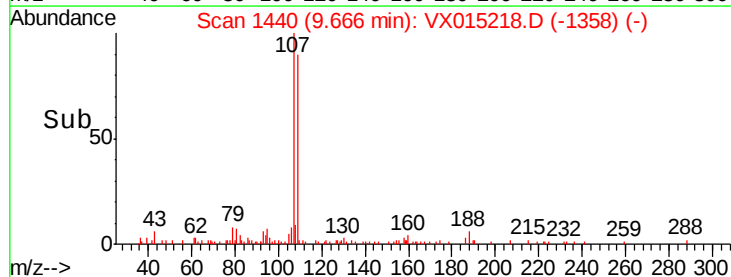
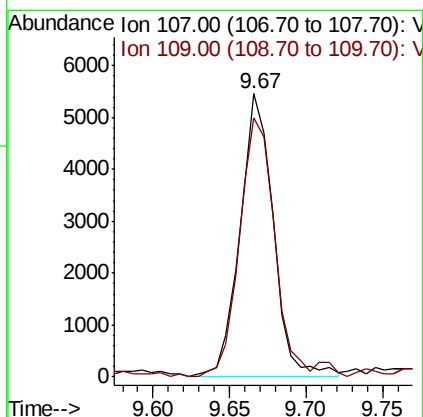
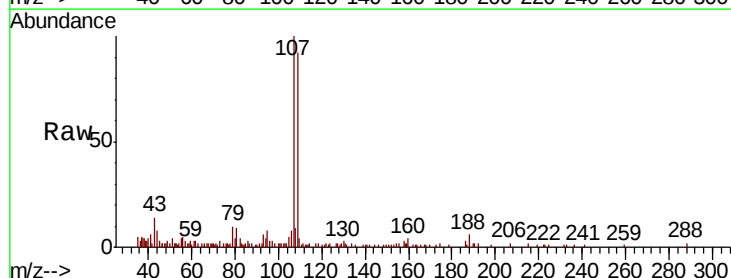
Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2020

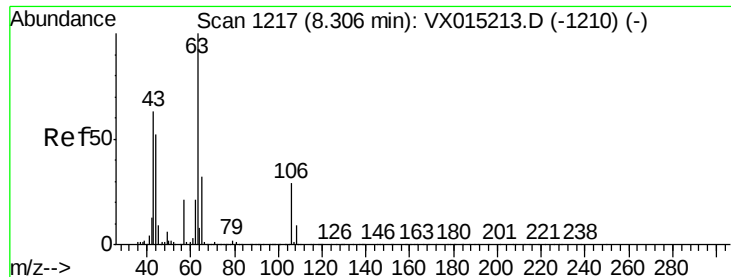
Tot Ion:129 Resp: 8075
 Ion Ratio Lower Upper
 129 100
 127 75.2 38.6 115.8



#54
 1,2-Dibromoethane
 Concen: 2.634 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VX015218.D
 Acq: 11 Mar 2020 22:56

Tgt Ion:107 Resp: 8266
 Ion Ratio Lower Upper
 107 100
 109 95.4 75.4 113.2





#55

2-Chloroethyl vinyl ether

Concen: 11.198 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX015218.D

Acq: 11 Mar 2020 22:56

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

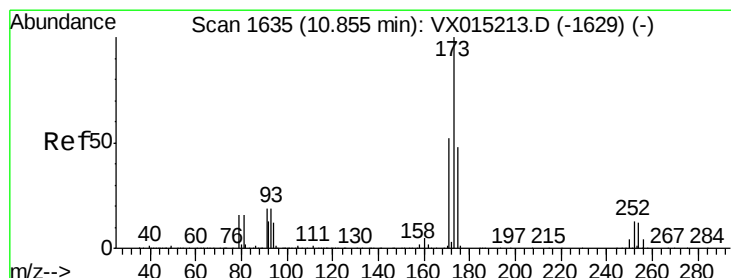
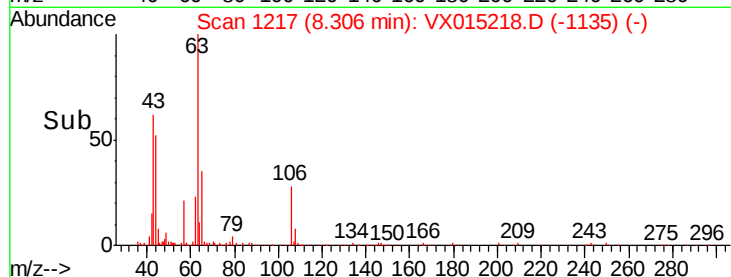
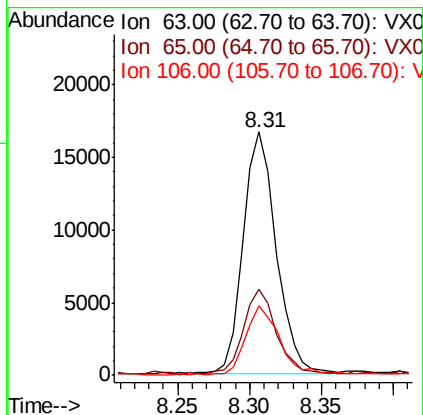
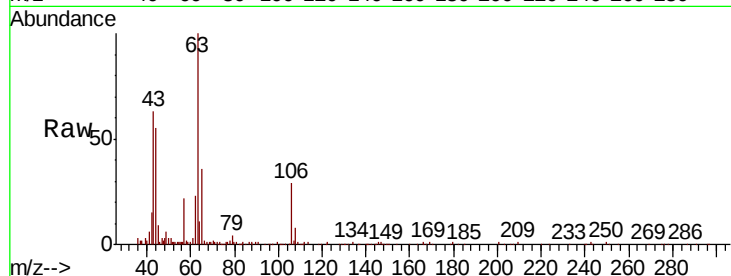
Tot Ion: 63 Resp: 26670

Ion Ratio Lower Upper

63 100

65 34.0 25.9 38.9

106 29.0 23.1 34.7



#56

Bromoform

Concen: 2.285 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX015218.D

Acq: 11 Mar 2020 22:56

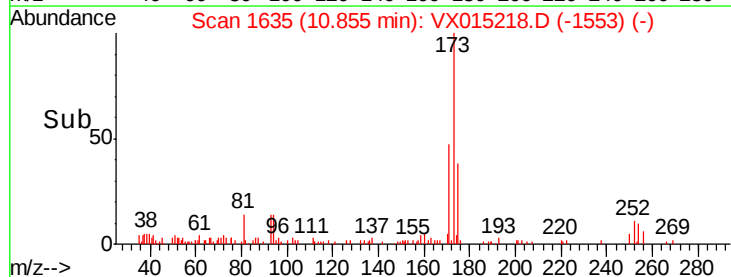
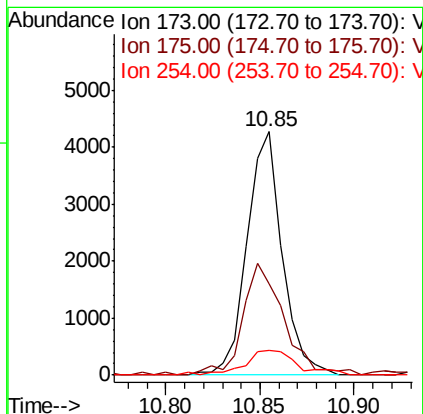
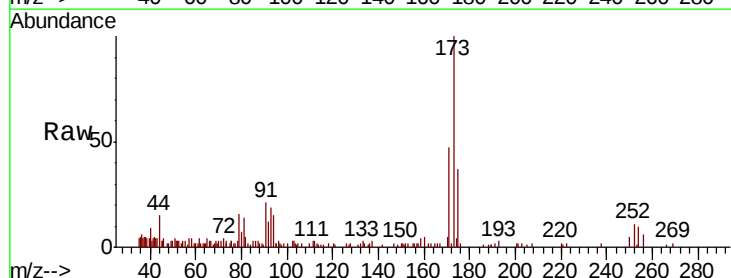
Tgt Ion:173 Resp: 5538

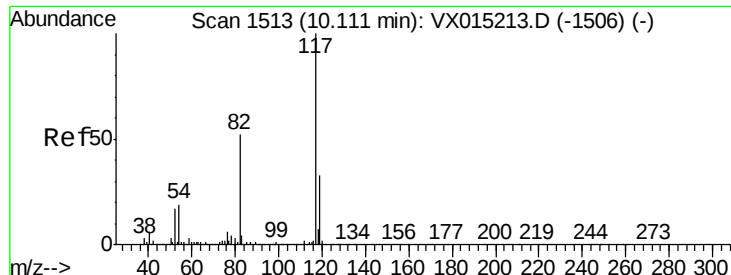
Ion Ratio Lower Upper

173 100

175 49.2 40.0 60.0

254 13.4 9.1 13.7

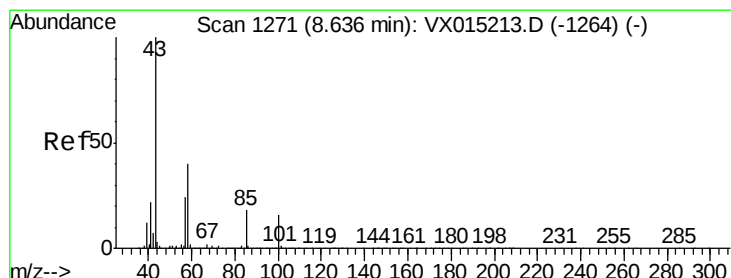
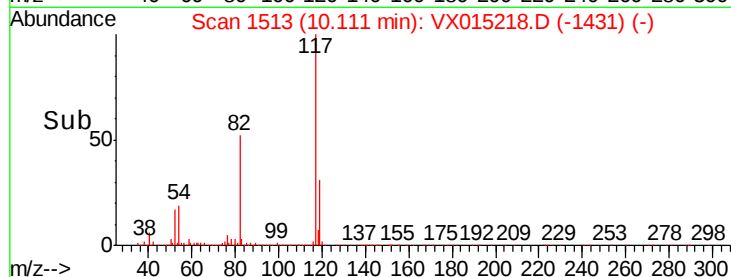
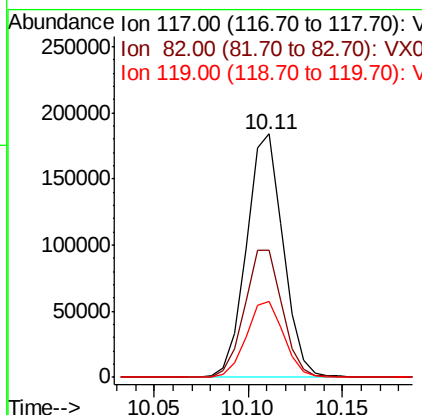
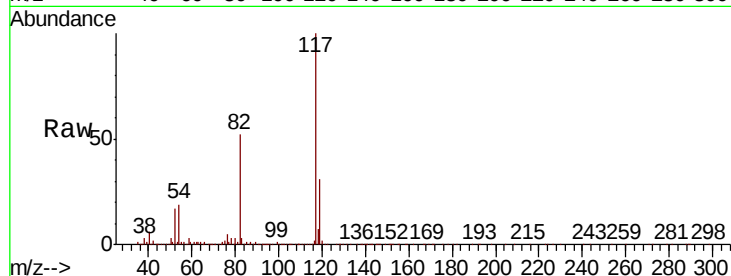




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX015218.D
Acq: 11 Mar 2020 22:56

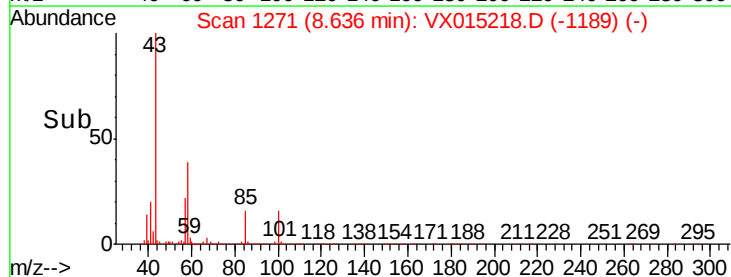
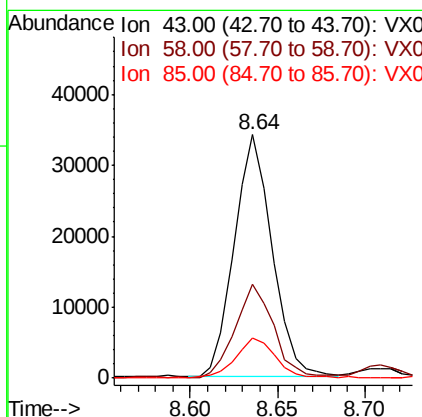
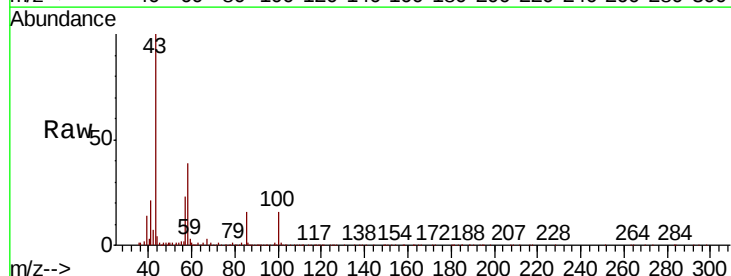
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

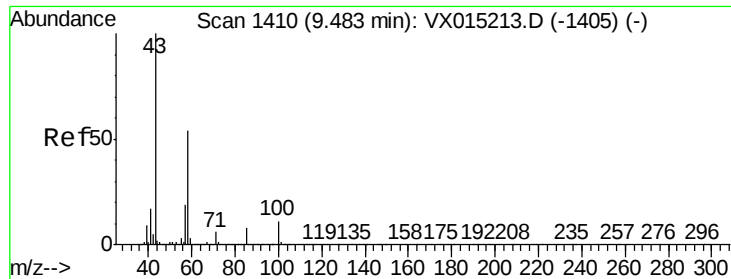
Tot Ion	Ratio	Lower	Upper
117	100		
82	54.0	43.6	65.4
119	31.8	25.9	38.9



#58
4-Methyl-2-Pentanone
Concen: 11.992 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX015218.D
Acq: 11 Mar 2020 22:56

Tgt Ion	Ratio	Lower	Upper
43	100		
58	39.3	31.8	47.8
85	16.6	13.8	20.6

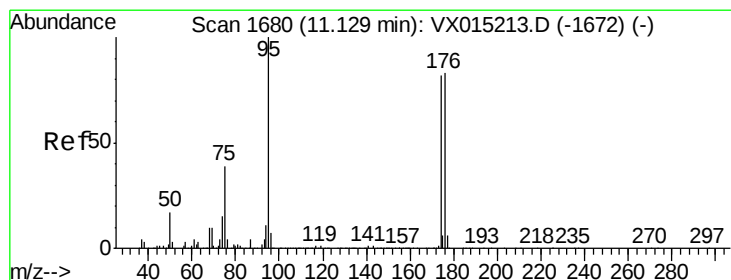
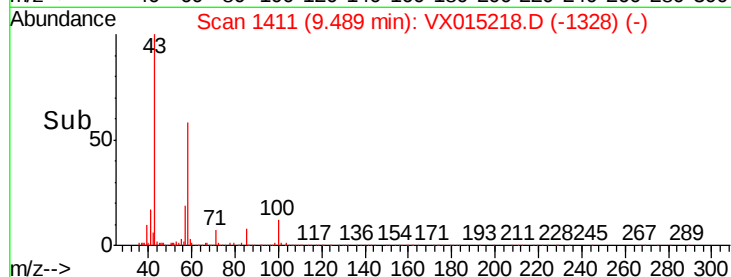
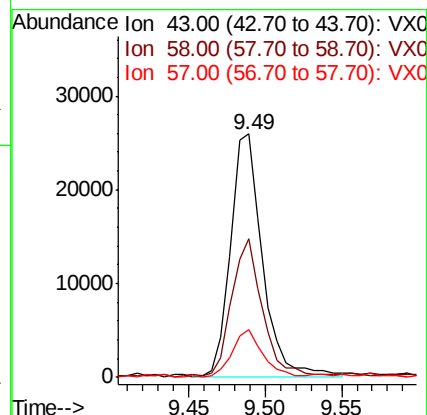
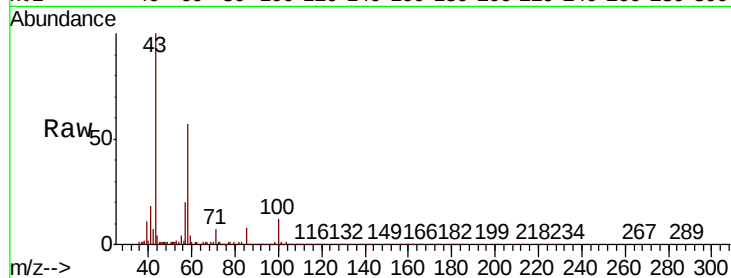




#59
2-Hexanone
Concen: 11.756 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.01 min
Lab File: VX015218.D
Acq: 11 Mar 2020 22:56

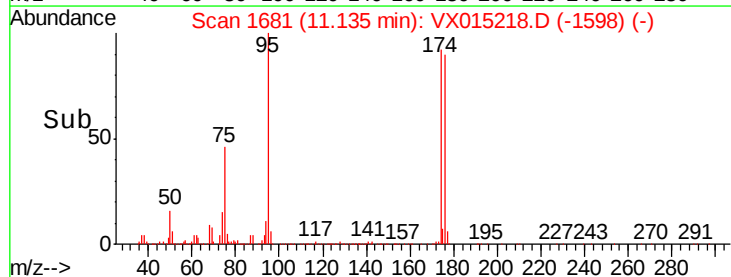
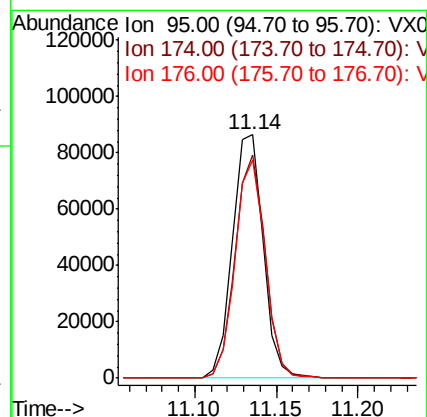
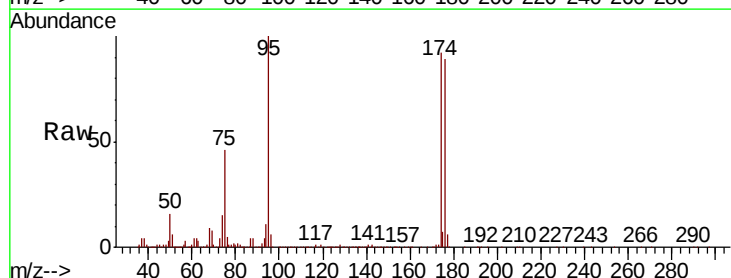
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

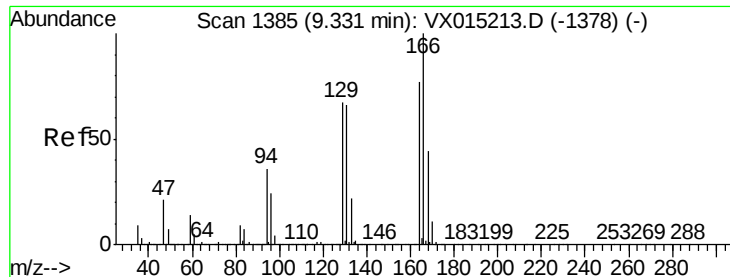
Tot Ion: 43 Resp: 37863
Ion Ratio Lower Upper
43 100
58 53.7 44.2 66.4
57 17.9 15.0 22.4



#60
4-Bromofluorobenzene
Concen: 29.026 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.01 min
Lab File: VX015218.D
Acq: 11 Mar 2020 22:56

Tgt Ion: 95 Resp: 113148
Ion Ratio Lower Upper
95 100
174 89.9 71.9 107.9
176 88.1 71.1 106.7

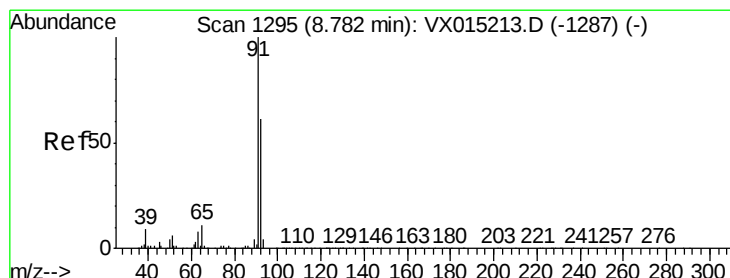
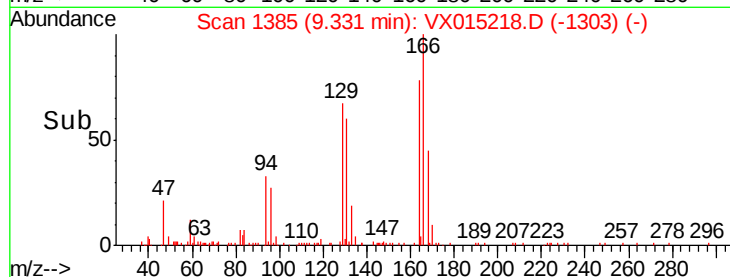
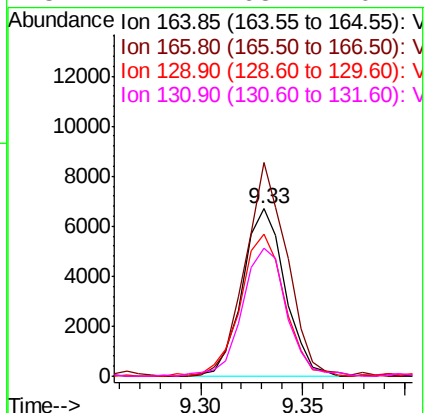
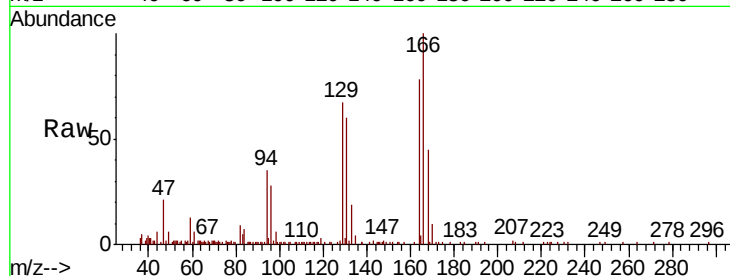




#61
Tetrachloroethene
Concen: 2.845 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX015218.D
Acq: 11 Mar 2020 22:56

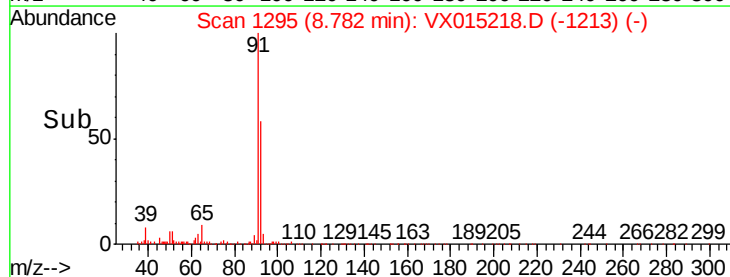
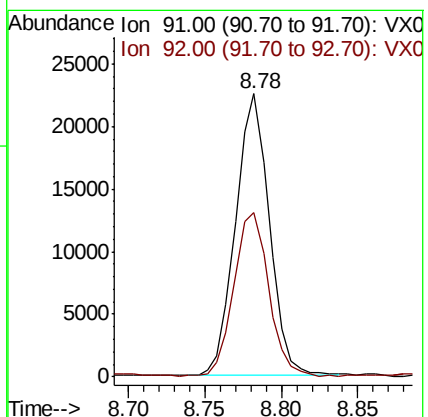
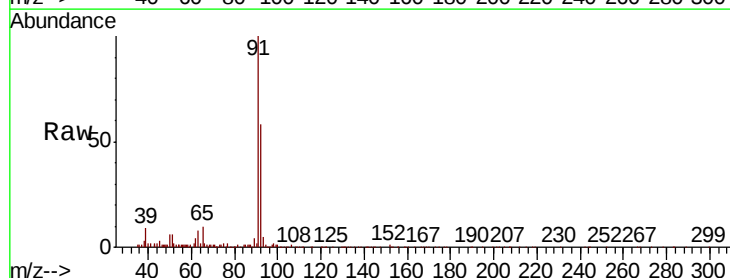
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

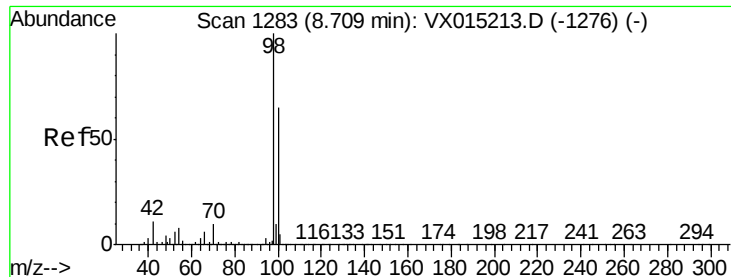
Tot Ion	Ratio	Lower	Upper
164	100		
166	127.6	103.4	155.2
129	83.8	69.1	103.7
131	74.7	68.1	102.1



#62
Toluene
Concen: 2.648 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. 0.00 min
Lab File: VX015218.D
Acq: 11 Mar 2020 22:56

Tgt Ion	Ratio	Lower	Upper
91	100		
92	59.9	46.9	70.3





#63

Toluene-d8

Concen: 29.954 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX015218.D

Acq: 11 Mar 2020 22:56

Instrument :

MSVOA_X

ClientSampleId :

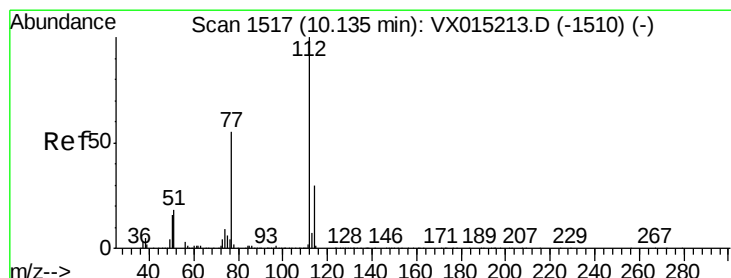
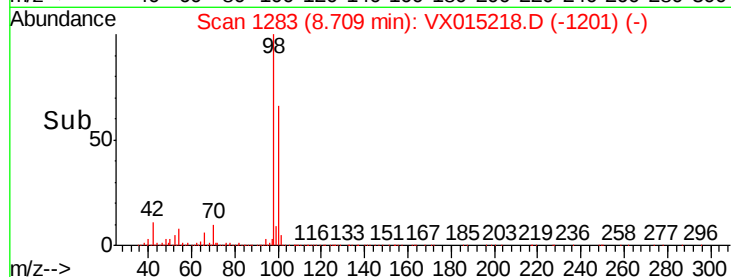
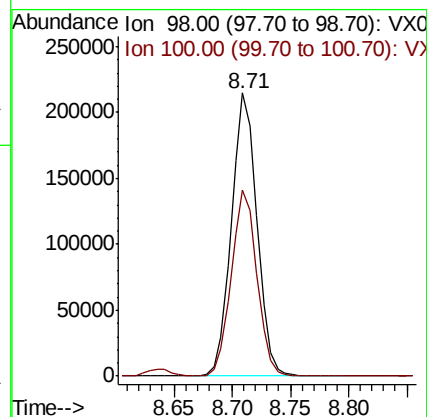
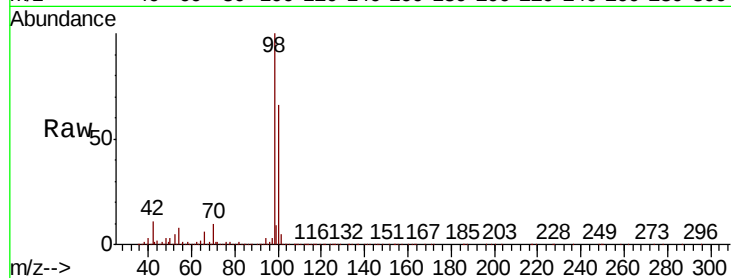
LOD-MDL-WATER-01-QT1-2020

Tot Ion: 98 Resp: 326667

Ion Ratio Lower Upper

98 100

100 65.6 53.3 79.9



#64

Chlorobenzene

Concen: 2.742 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX015218.D

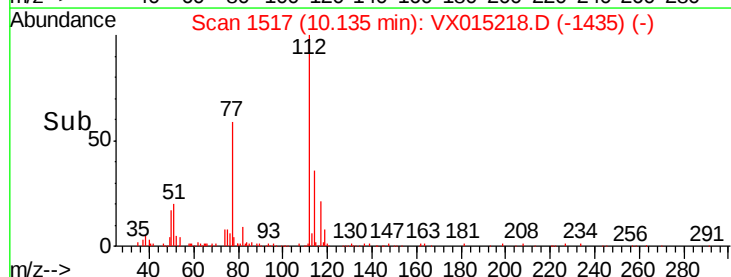
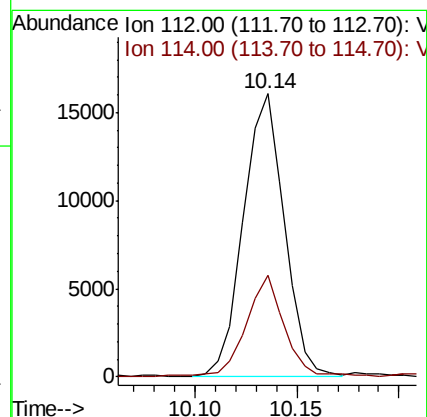
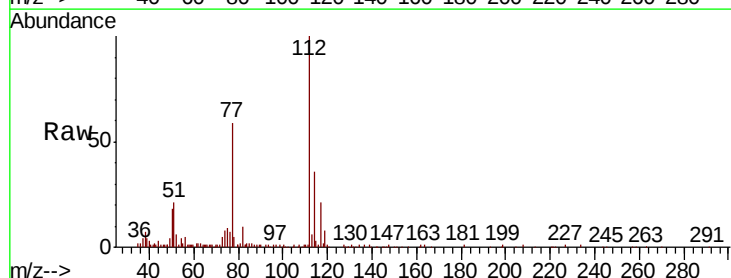
Acq: 11 Mar 2020 22:56

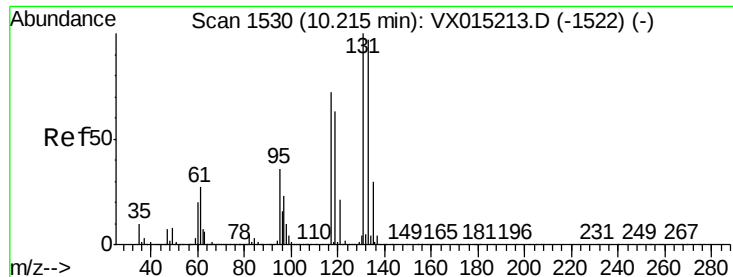
Tgt Ion: 112 Resp: 22395

Ion Ratio Lower Upper

112 100

114 35.1 24.3 36.5





#65

1,1,1,2-Tetrachloroethane

Concen: 2.410 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX015218.D

Acq: 11 Mar 2020 22:56

Instrument :

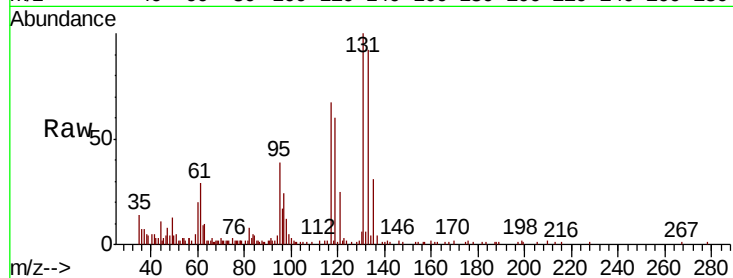
MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

Tot Ion:131 Resp: 7247

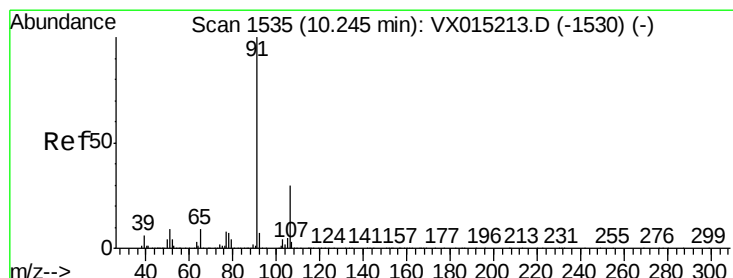
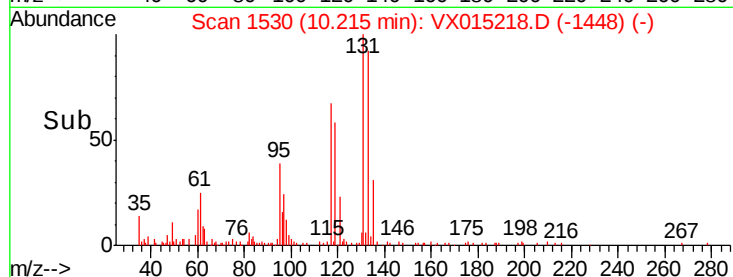
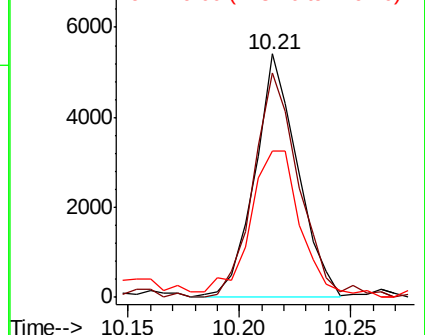
Ion	Ratio	Lower	Upper
131	100		
133	95.9	0.0	190.6
119	71.6	0.0	131.2



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 2.643 ug/l

RT: 10.25 min Scan# 1535

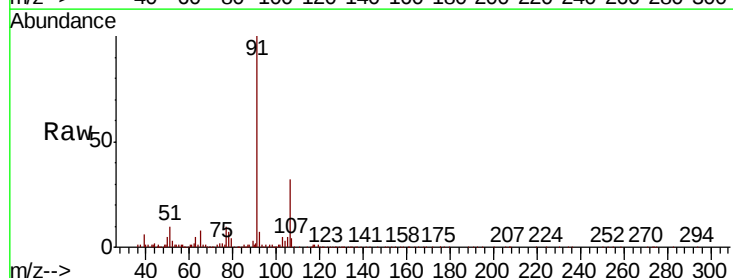
Delta R.T. 0.00 min

Lab File: VX015218.D

Acq: 11 Mar 2020 22:56

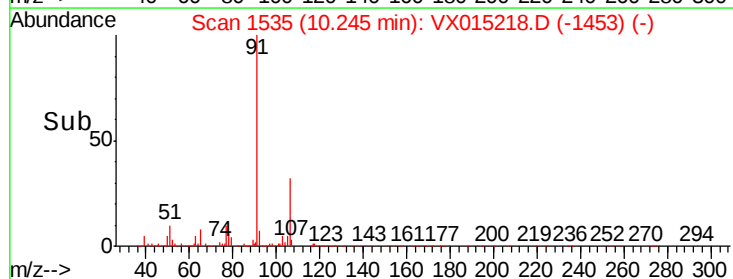
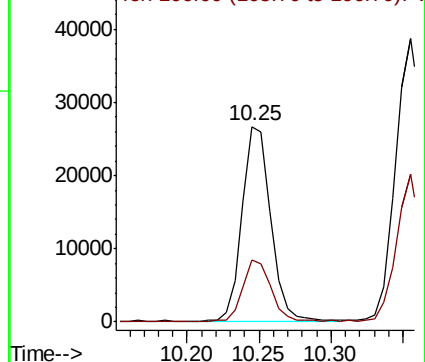
Tgt Ion: 91 Resp: 37206

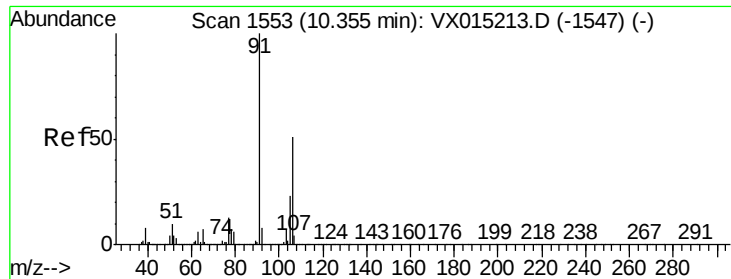
Ion	Ratio	Lower	Upper
91	100		
106	31.7	24.2	36.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

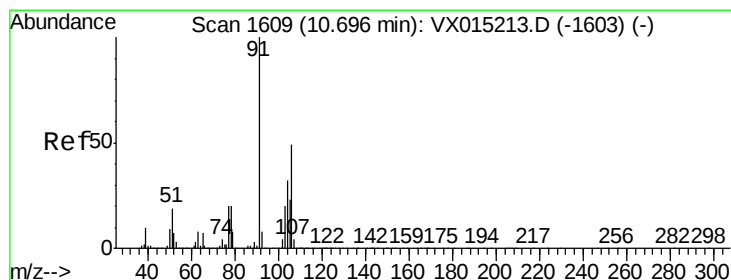
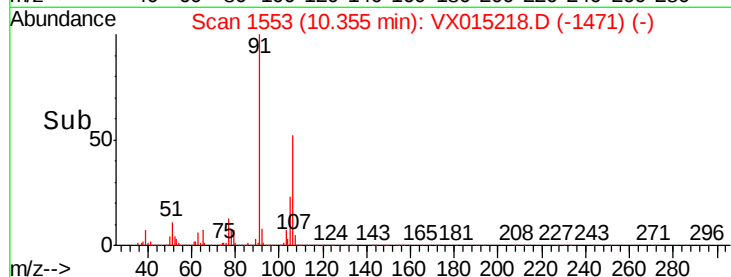
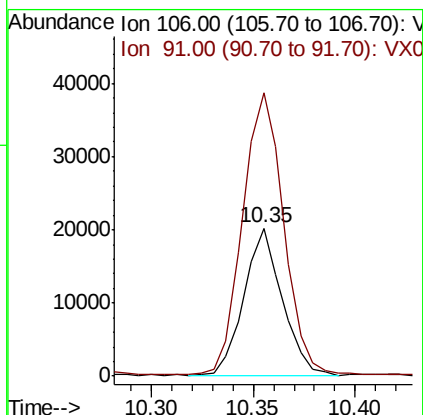
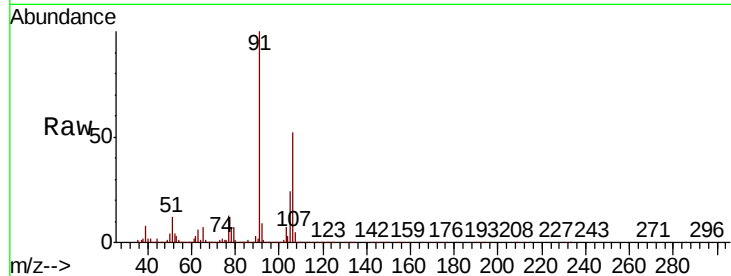




#67
m/p-Xylenes
Concen: 4.893 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX015218.D
Acq: 11 Mar 2020 22:56

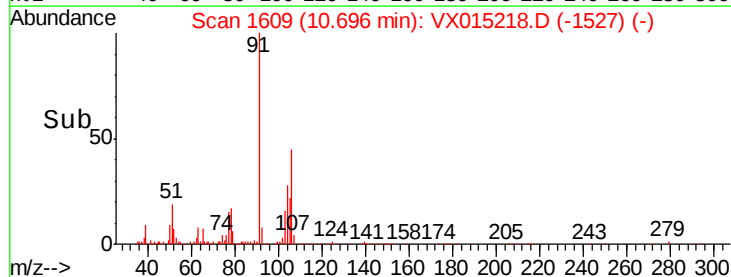
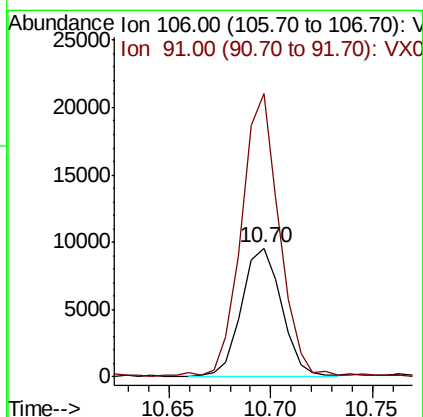
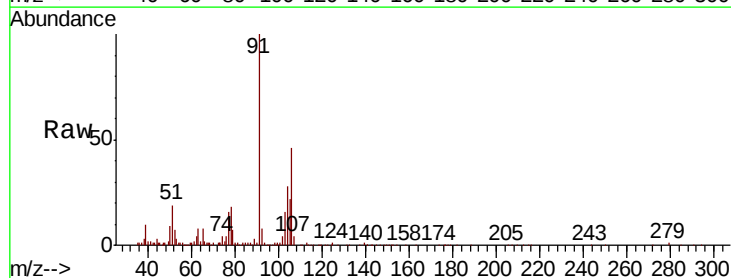
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

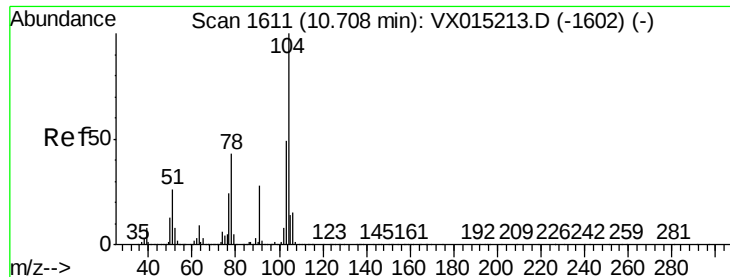
Tot Ion:106 Resp: 26413
Ion Ratio Lower Upper
106 100
91 206.1 158.2 237.2



#68
o-Xylene
Concen: 2.561 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015218.D
Acq: 11 Mar 2020 22:56

Tgt Ion:106 Resp: 13198
Ion Ratio Lower Upper
106 100
91 200.0 103.6 310.8

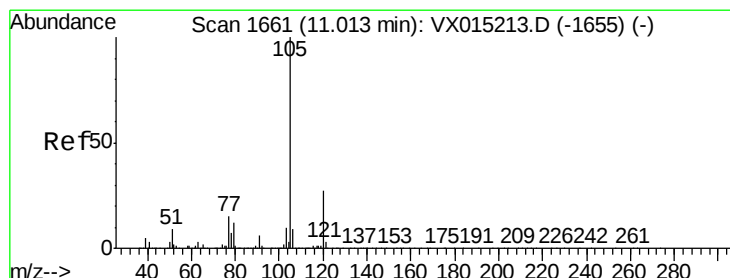
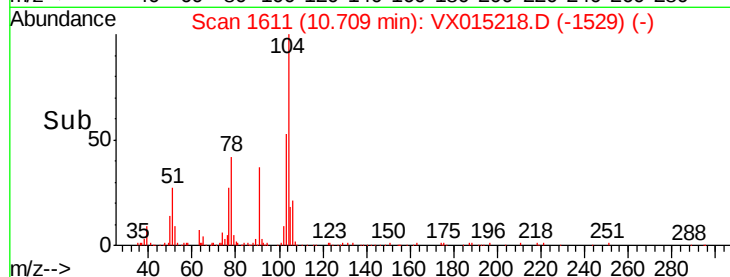
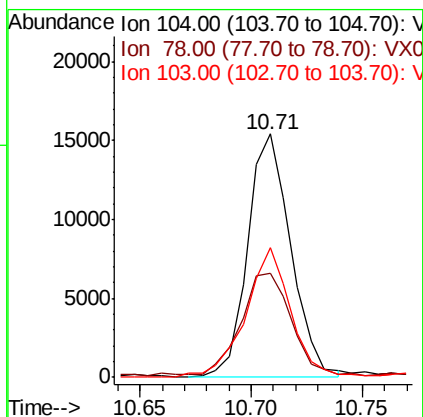
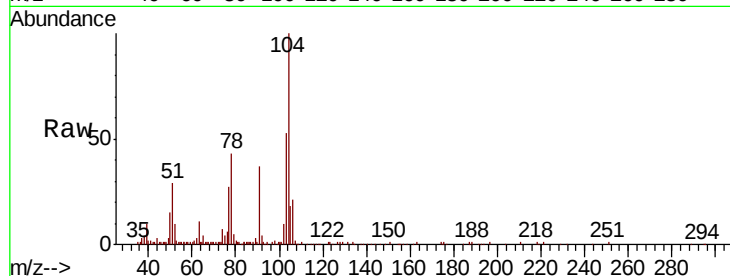




#69
Stvrene
Concen: 2.302 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX015218.D
Acq: 11 Mar 2020 22:56

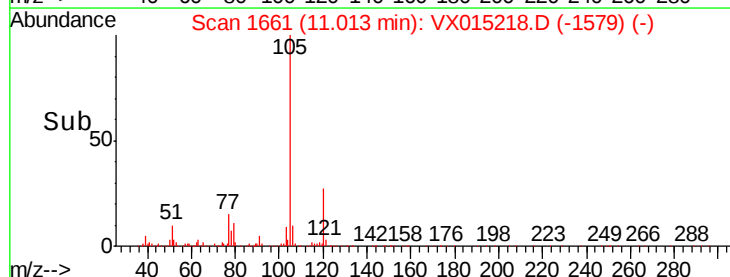
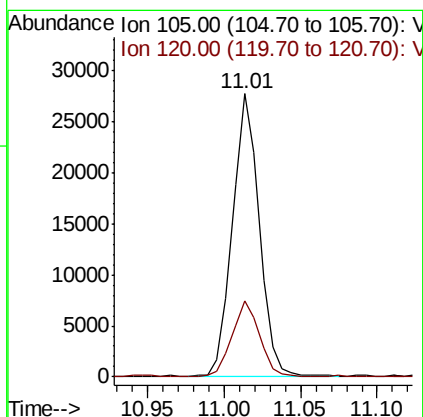
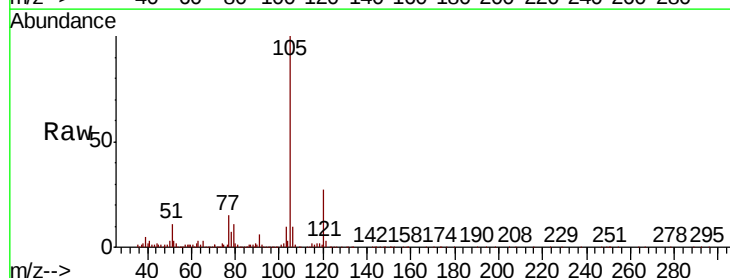
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

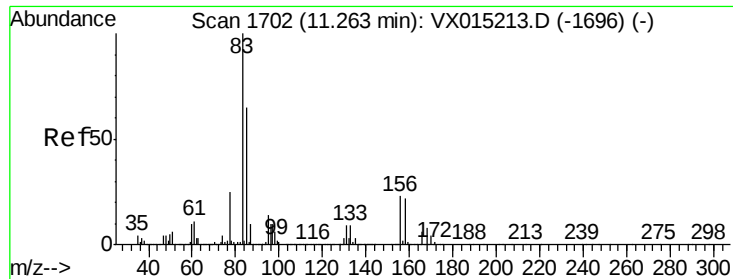
Tot Ion:104 Resp: 20850
Ion Ratio Lower Upper
104 100
78 49.5 38.3 57.5
103 55.8 42.6 64.0



#70
Isopropylbenzene
Concen: 2.464 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX015218.D
Acq: 11 Mar 2020 22:56

Tgt Ion:105 Resp: 33956
Ion Ratio Lower Upper
105 100
120 27.7 19.0 35.4





#71

1,1,2,2-Tetrachloroethane

Concen: 2.639 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX015218.D

Acq: 11 Mar 2020 22:56

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

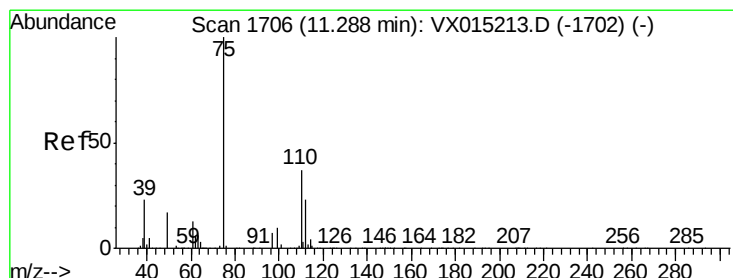
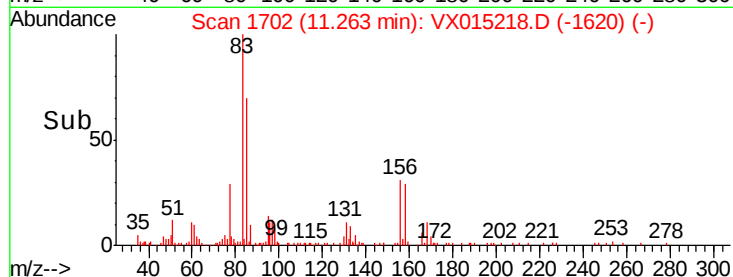
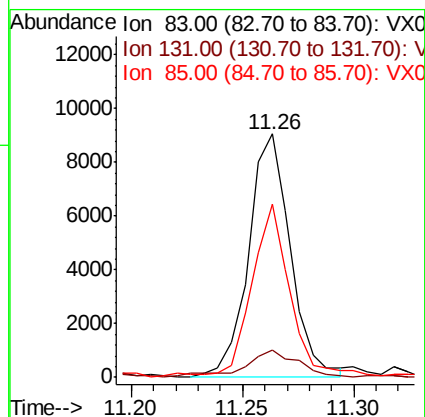
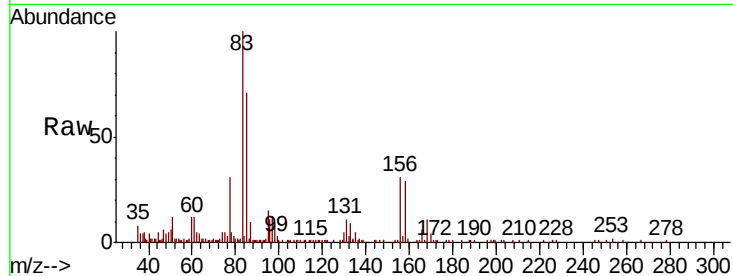
Tot Ion: 83 Resp: 11891

Ion Ratio Lower Upper

83 100

131 12.0 5.0 15.0

85 64.2 32.1 96.3



#72

1,2,3-Trichloropropane

Concen: 3.401 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VX015218.D

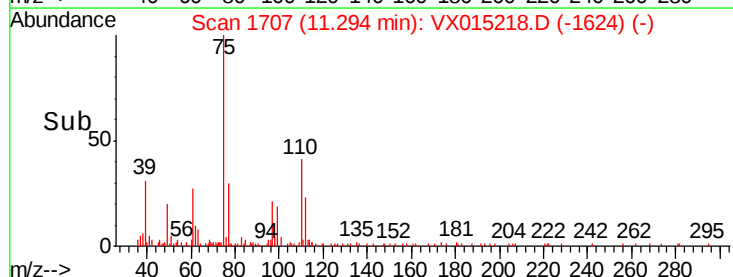
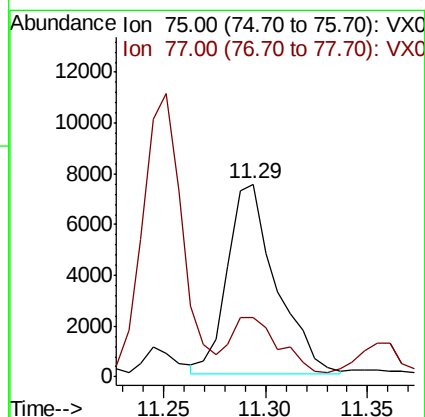
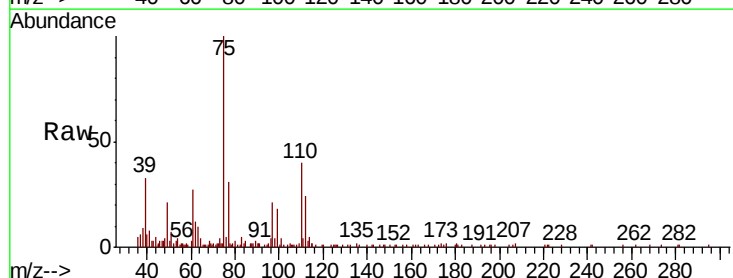
Acq: 11 Mar 2020 22:56

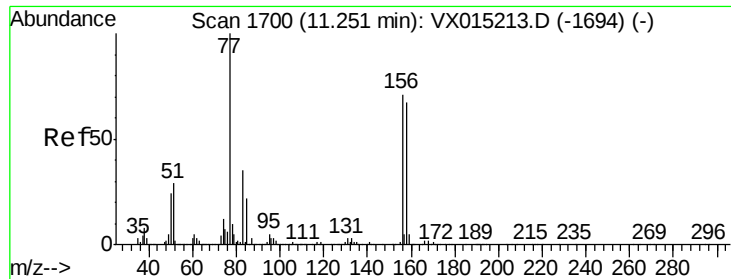
Tgt Ion: 75 Resp: 12462

Ion Ratio Lower Upper

75 100

77 31.6 0.0 69.4





#73

Bromobenzene

Concen: 2.727 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX015218.D

Acq: 11 Mar 2020 22:56

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

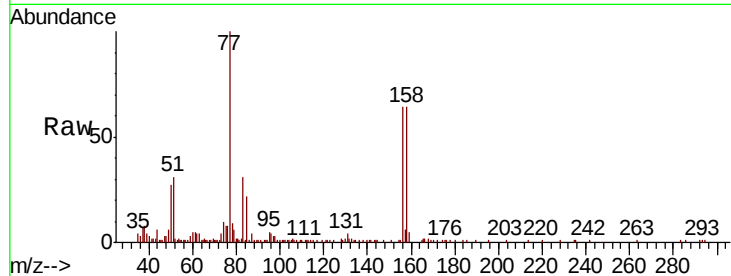
Tot Ion:156 Resp: 10283

Ion Ratio Lower Upper

156 100

77 147.8 0.0 300.2

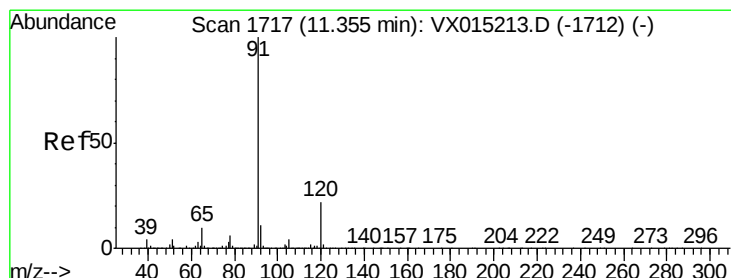
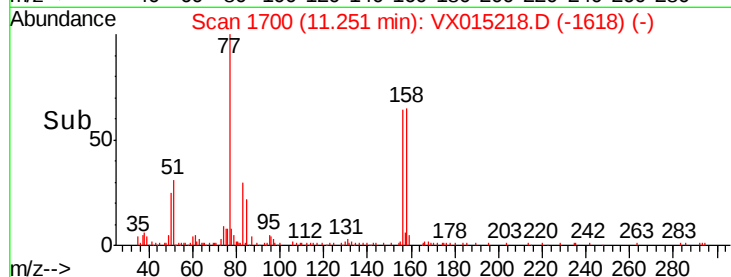
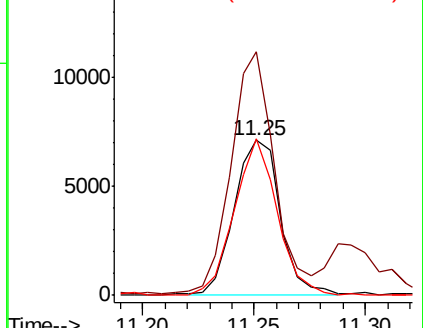
158 93.7 0.0 195.2



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: 2.433 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX015218.D

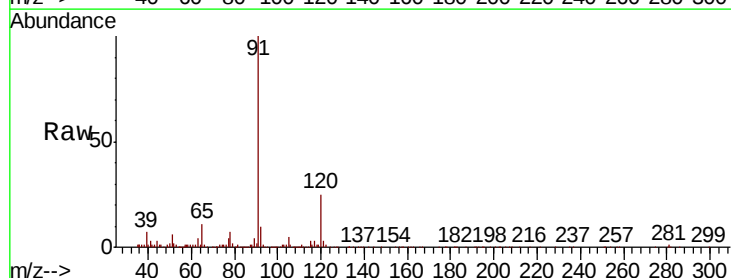
Acq: 11 Mar 2020 22:56

Tgt Ion: 91 Resp: 38701

Ion Ratio Lower Upper

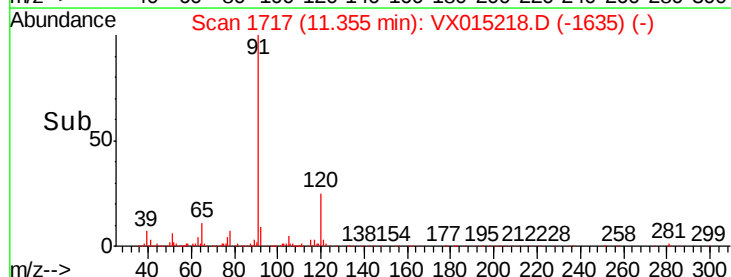
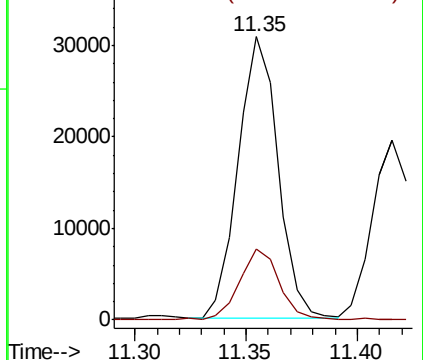
91 100

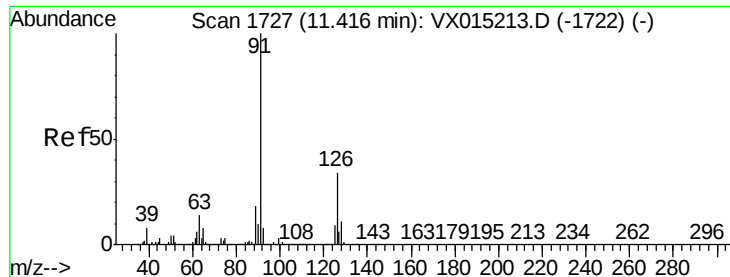
120 24.8 0.0 46.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 2.665 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX015218.D

Acq: 11 Mar 2020 22:56

Instrument :

MSVOA_X

ClientSampleId :

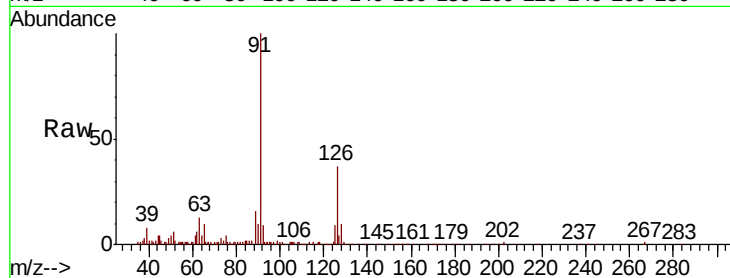
LOD-MDL-WATER-01-QT1-2020

Tot Ion: 91 Resp: 25015

Ion Ratio Lower Upper

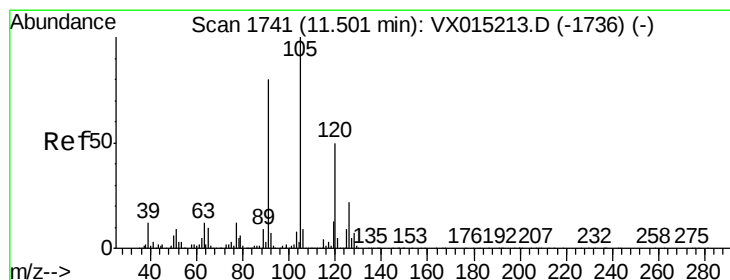
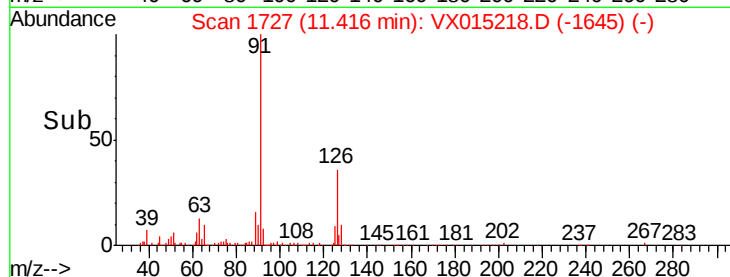
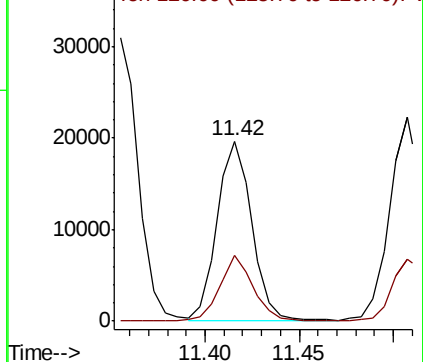
91 100

126 35.2 0.0 68.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V



#76

1,3,5-Trimethylbenzene

Concen: 2.345 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX015218.D

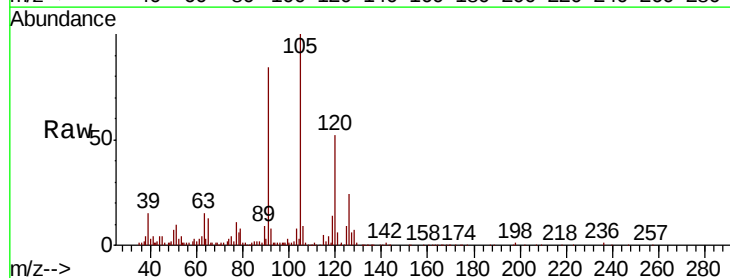
Acq: 11 Mar 2020 22:56

Tgt Ion:105 Resp: 26745

Ion Ratio Lower Upper

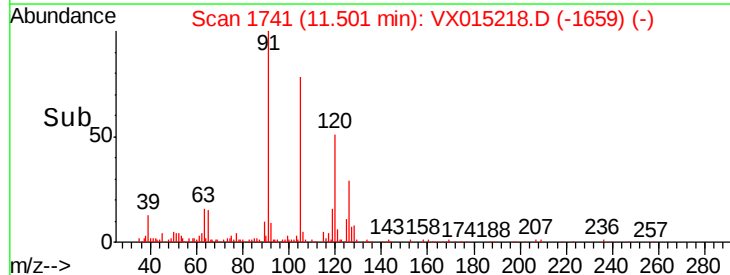
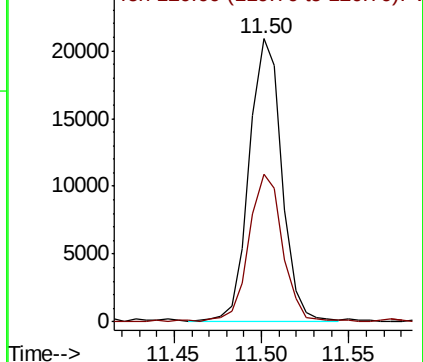
105 100

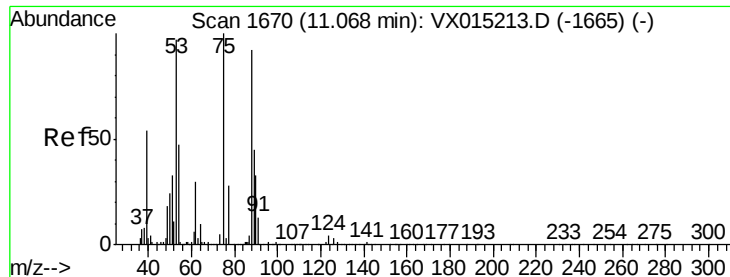
120 54.4 0.0 100.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

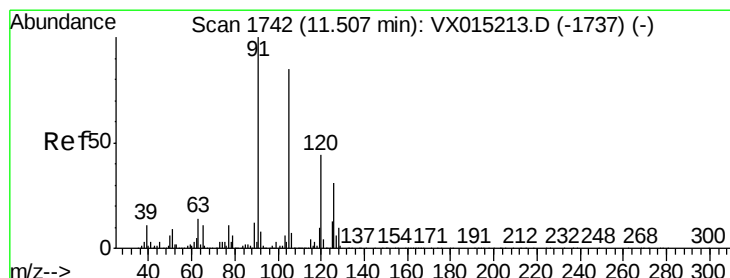
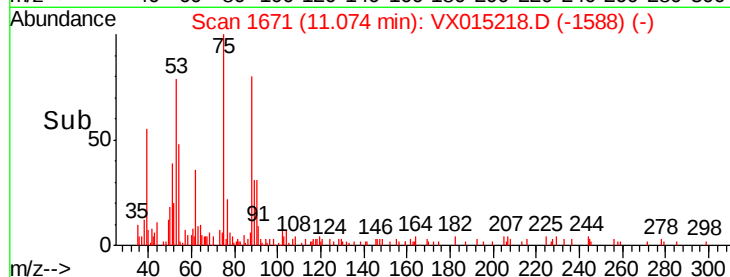
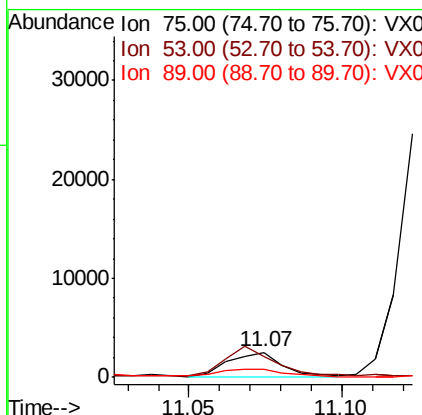
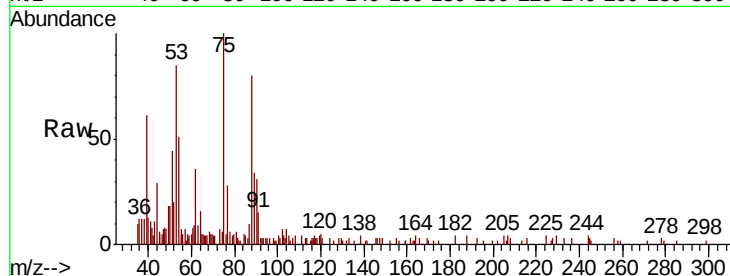




#77
t-1,4-Dichloro-2-butene
Concen: 2.082 ug/l
RT: 11.07 min Scan# 1671
Delta R.T. 0.01 min
Lab File: VX015218.D
Acq: 11 Mar 2020 22:56

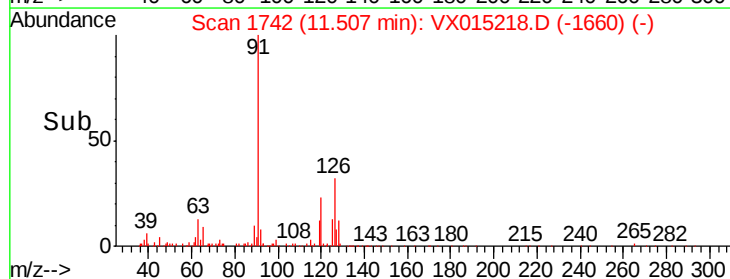
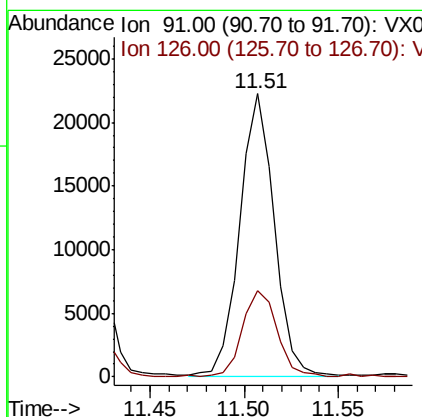
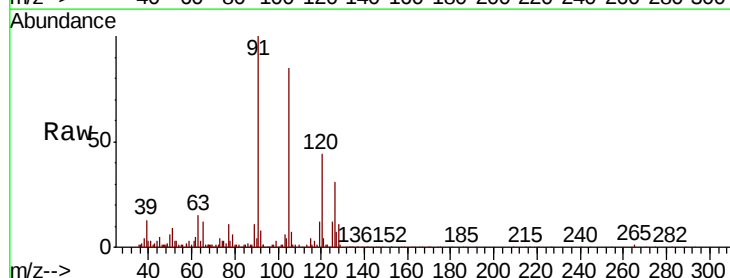
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

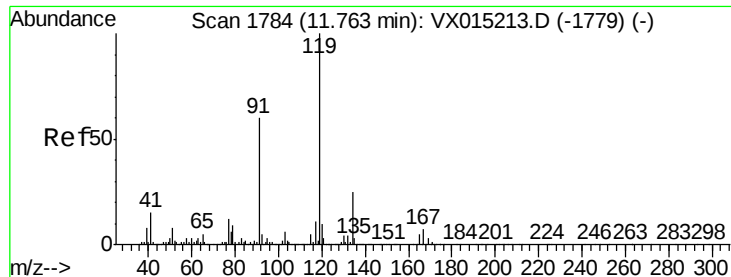
Tot Ion: 75 Resp: 2980
Ion Ratio Lower Upper
75 100
53 78.9 48.7 146.1
89 32.3 22.4 67.3



#78
4-Chlorotoluene
Concen: 2.582 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX015218.D
Acq: 11 Mar 2020 22:56

Tgt Ion: 91 Resp: 28060
Ion Ratio Lower Upper
91 100
126 31.1 0.0 60.0

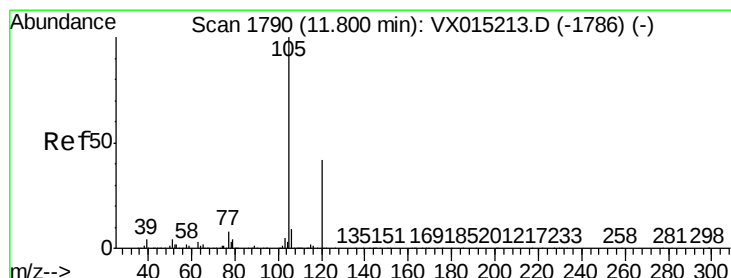
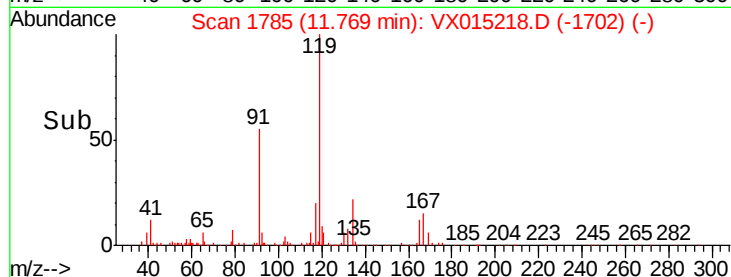
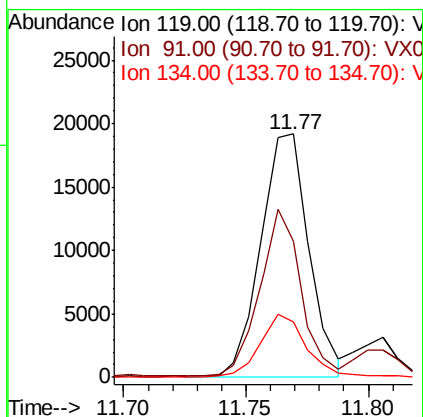
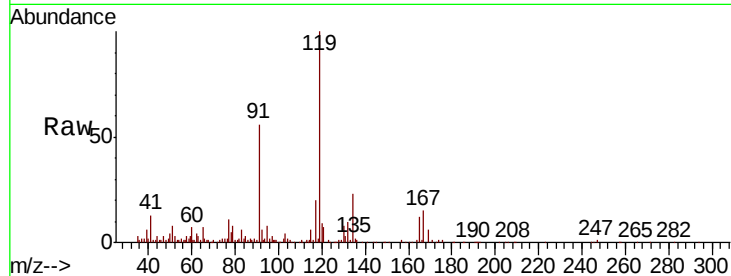




#79
tert-butylbenzene
Concen: 2.436 ug/l
RT: 11.77 min Scan# 1785
Delta R.T. 0.01 min
Lab File: VX015218.D
Acq: 11 Mar 2020 22:56

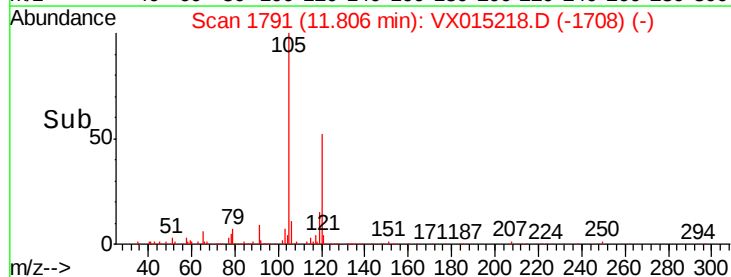
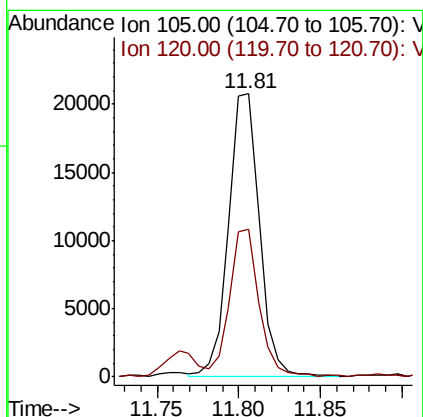
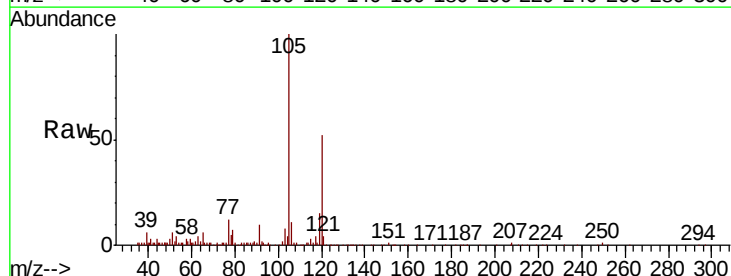
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

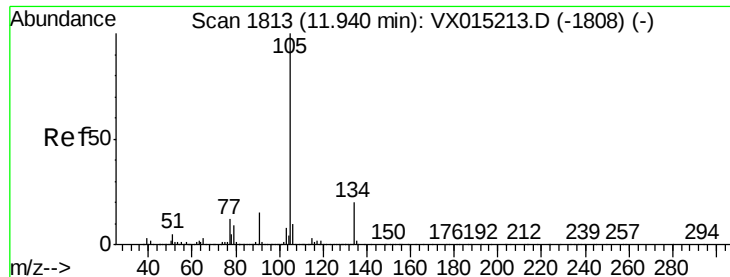
Tot Ion:119 Resp: 26561
Ion Ratio Lower Upper
119 100
91 58.6 0.0 113.8
134 25.2 0.0 50.6



#80
1,2,4-Trimethylbenzene
Concen: 2.388 ug/l
RT: 11.81 min Scan# 1791
Delta R.T. 0.01 min
Lab File: VX015218.D
Acq: 11 Mar 2020 22:56

Tgt Ion:105 Resp: 27501
Ion Ratio Lower Upper
105 100
120 48.9 0.0 92.2





#81

sec-Butylbenzene

Concen: 2.373 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX015218.D

Acq: 11 Mar 2020 22:56

Instrument :

MSVOA_X

ClientSampleId :

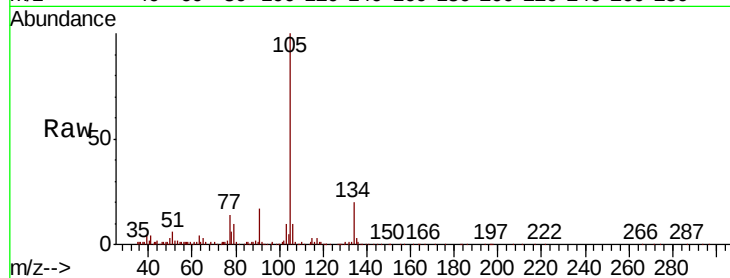
LOD-MDL-WATER-01-QT1-2020

Tot Ion:105 Resp: 31934

Ion Ratio Lower Upper

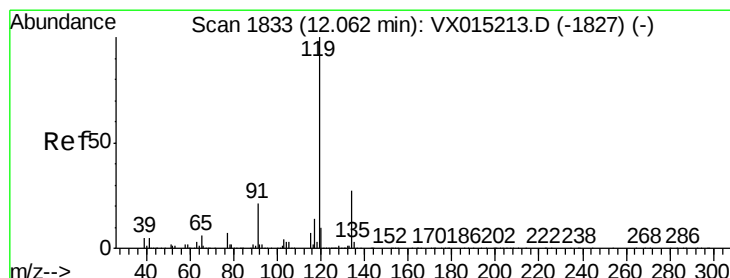
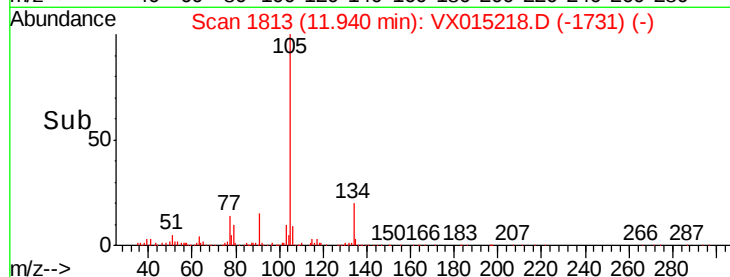
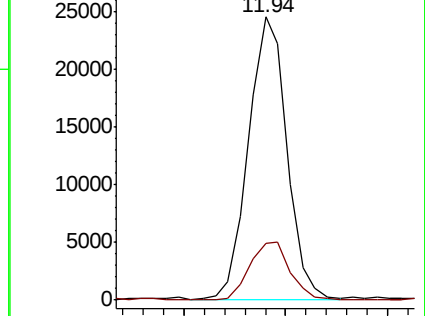
105 100

134 21.5 0.0 41.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#82

p-Isopropyltoluene

Concen: 2.499 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX015218.D

Acq: 11 Mar 2020 22:56

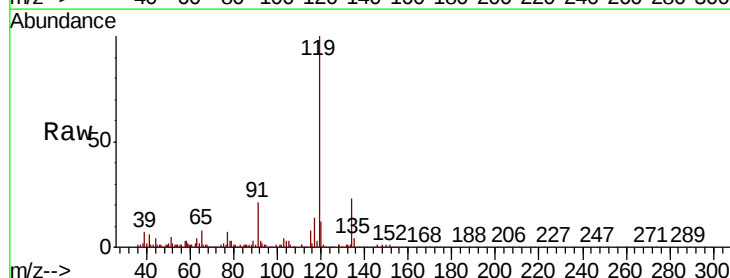
Tgt Ion:119 Resp: 30625

Ion Ratio Lower Upper

119 100

134 26.1 0.0 52.2

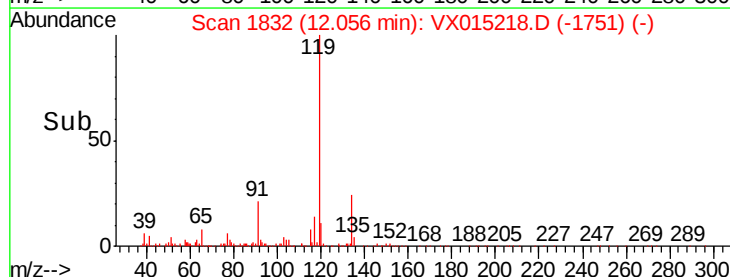
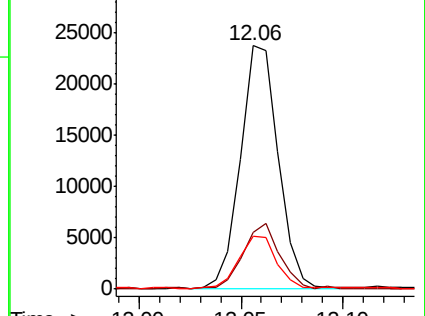
91 21.1 0.0 43.4

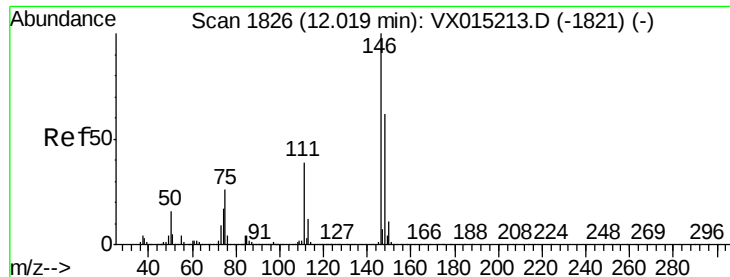


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

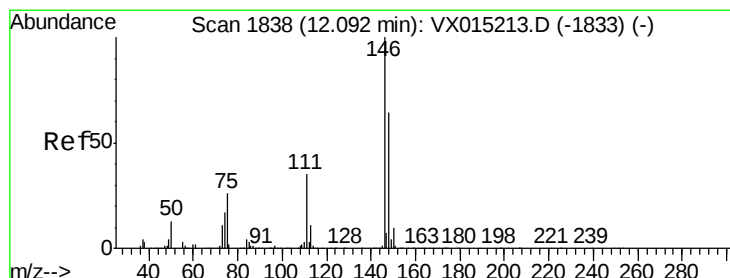
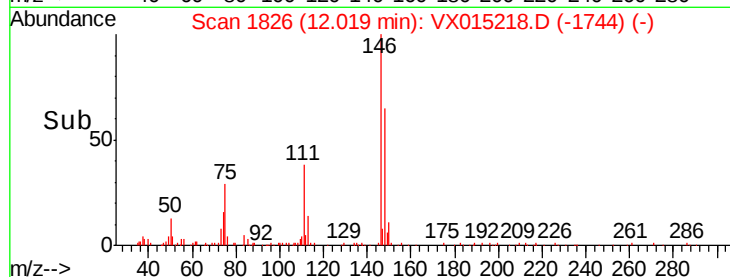
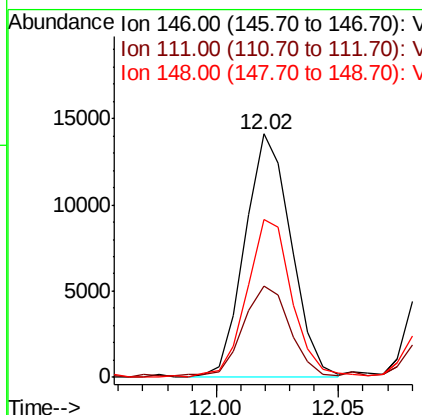
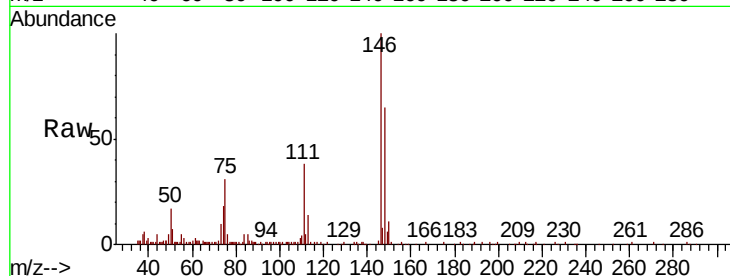




#83
 1,3-Dichlorobenzene
 Concen: 2.778 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX015218.D
 Acq: 11 Mar 2020 22:56

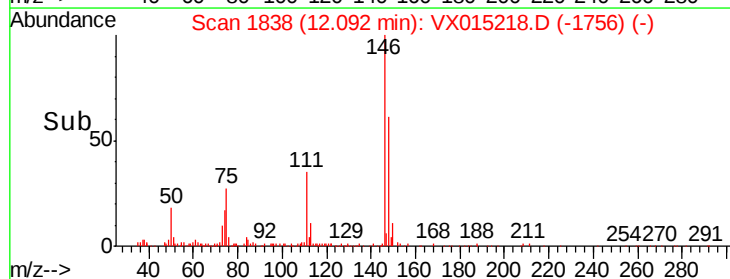
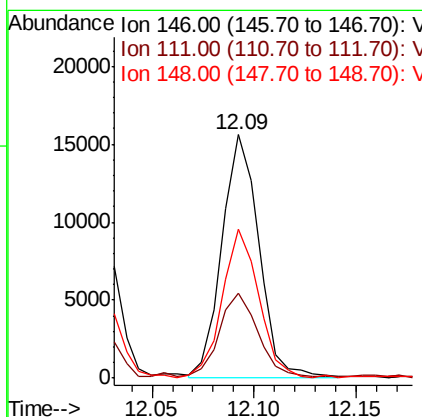
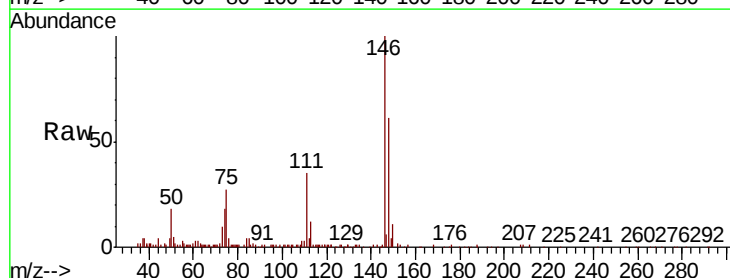
Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2020

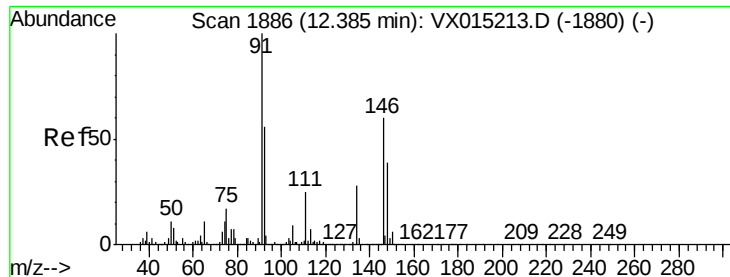
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.6	19.1	57.5
148	64.1	31.3	93.9



#84
 1,4-Dichlorobenzene
 Concen: 2.938 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX015218.D
 Acq: 11 Mar 2020 22:56

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.1	54.1
148	60.5	31.7	95.1

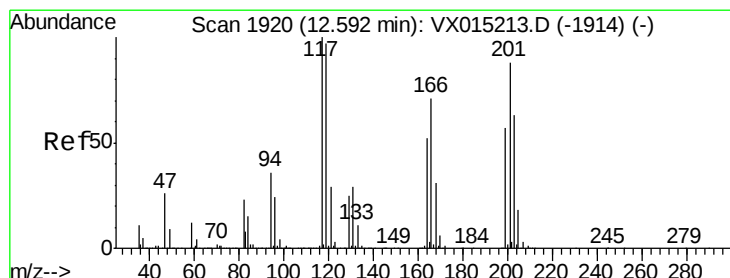
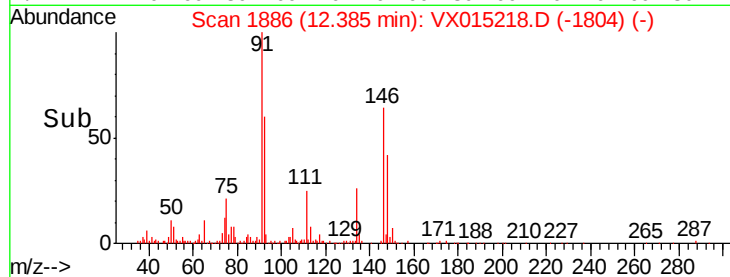
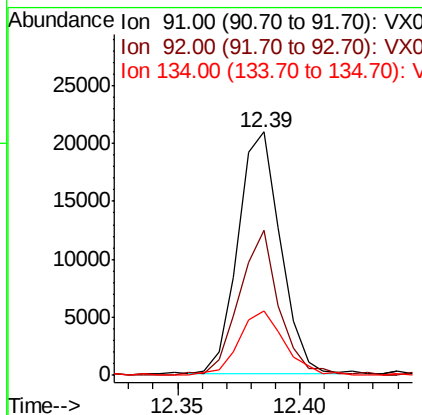
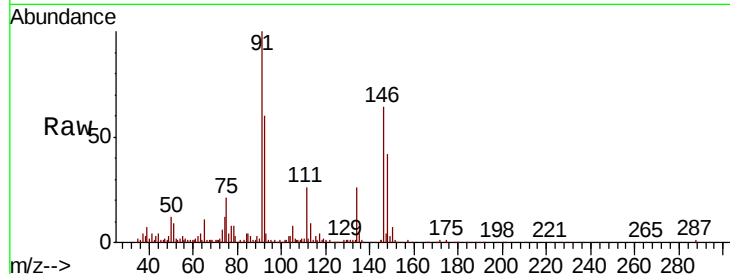




#85
n-Butylbenzene
Concen: 2.385 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX015218.D
Acq: 11 Mar 2020 22:56

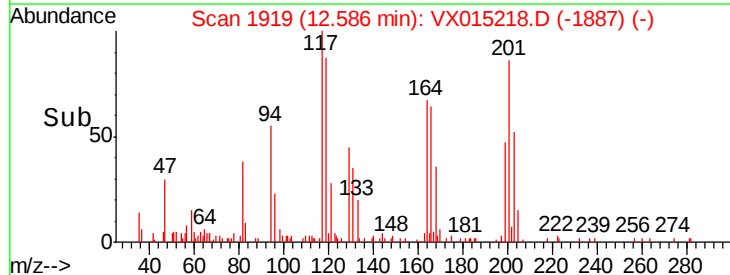
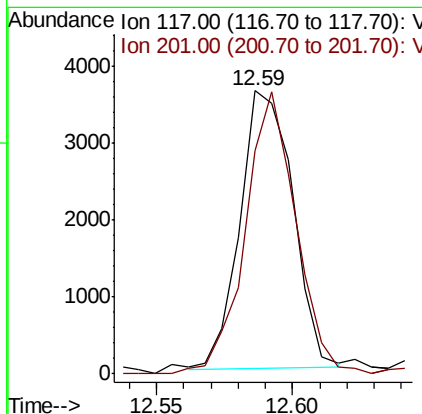
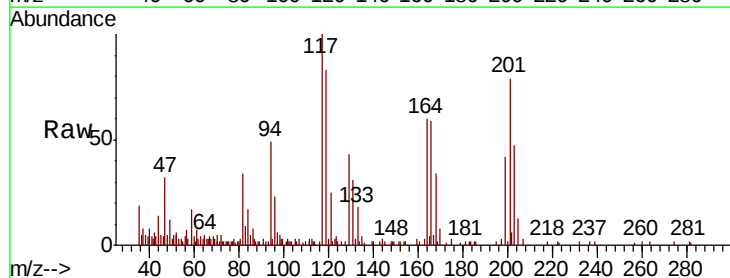
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

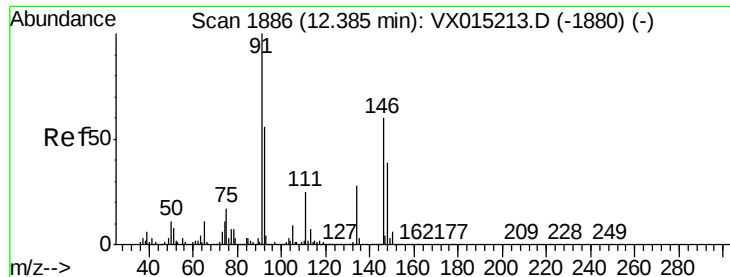
Tot Ion: 91 Resp: 25393
Ion Ratio Lower Upper
91 100
92 54.6 0.0 109.6
134 27.8 0.0 54.6



#86
Hexachloroethane
Concen: 2.232 ug/l
RT: 12.59 min Scan# 1919
Delta R.T. -0.01 min
Lab File: VX015218.D
Acq: 11 Mar 2020 22:56

Tgt Ion: 117 Resp: 4862
Ion Ratio Lower Upper
117 100
201 97.2 43.8 131.4

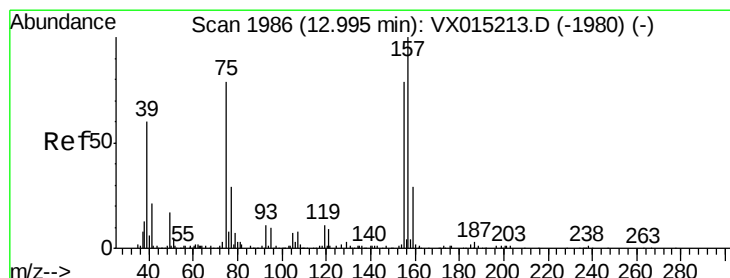
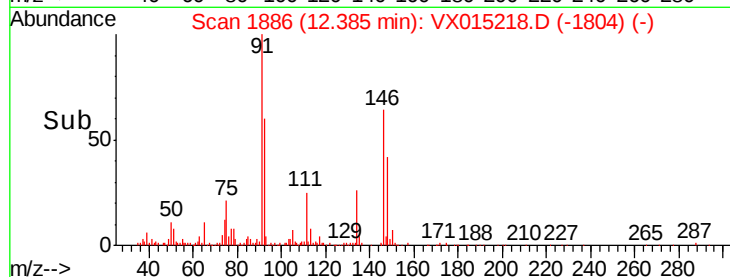
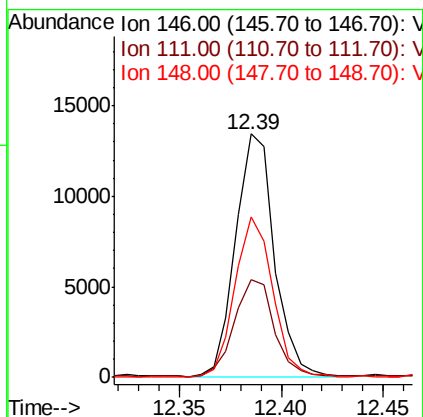
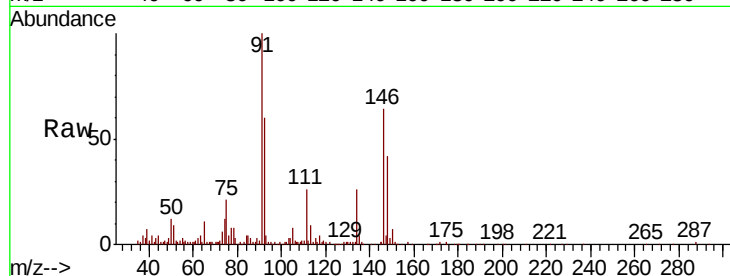




#87
 1,2-Dichlorobenzene
 Concen: 2.741 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX015218.D
 Acq: 11 Mar 2020 22:56

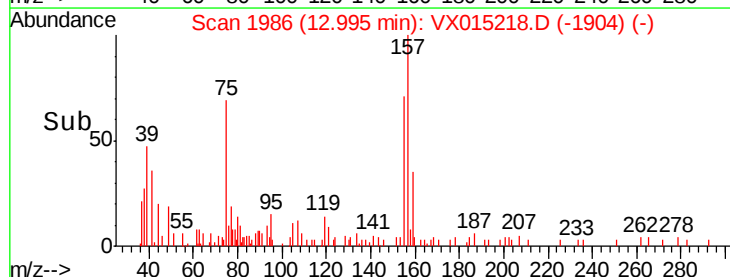
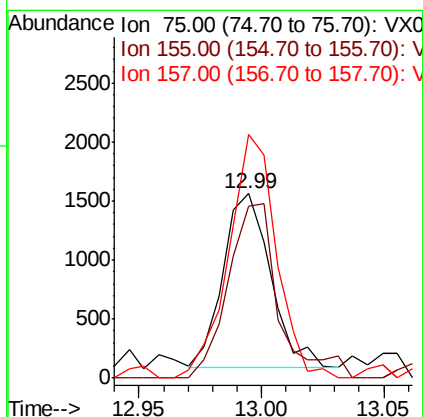
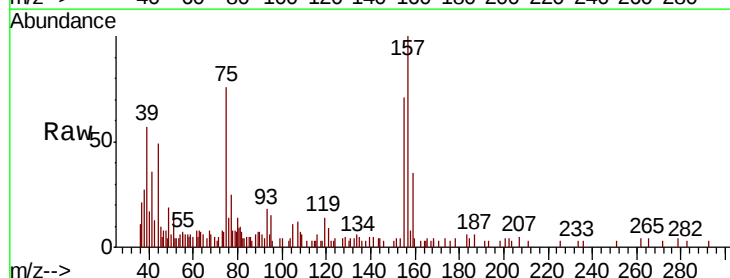
Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2020

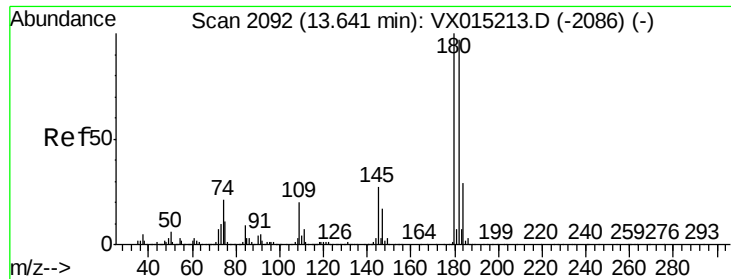
Tot Ion:146 Resp: 17859
 Ion Ratio Lower Upper
 146 100
 111 42.0 20.2 60.5
 148 63.7 32.5 97.5



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 2.155 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX015218.D
 Acq: 11 Mar 2020 22:56

Tgt Ion: 75 Resp: 1994
 Ion Ratio Lower Upper
 75 100
 155 100.2 79.4 119.2
 157 140.4 99.1 148.7

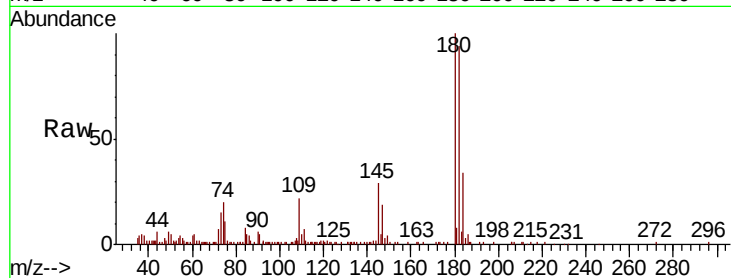




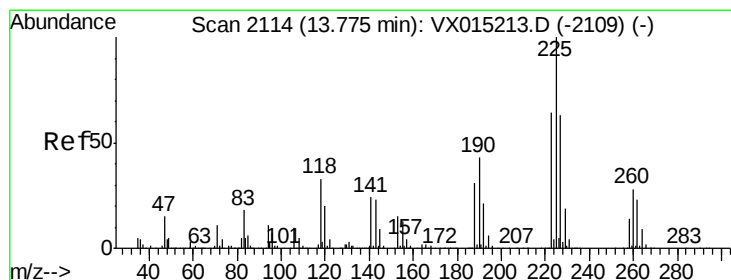
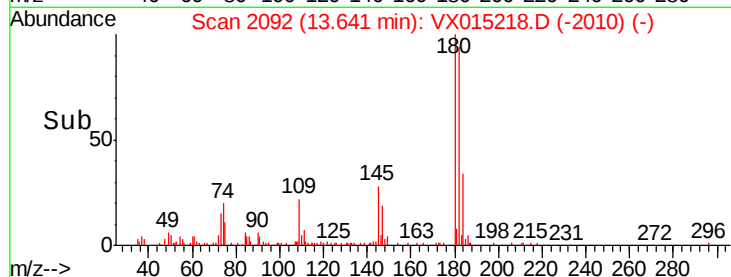
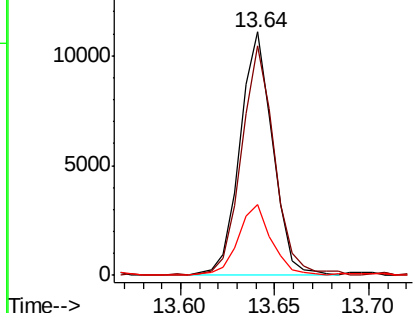
#89
 1,2,4-Trichlorobenzene
 Concen: 2.835 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX015218.D
 Acq: 11 Mar 2020 22:56

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

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.6	75.6	113.4
145	29.5	22.7	34.1

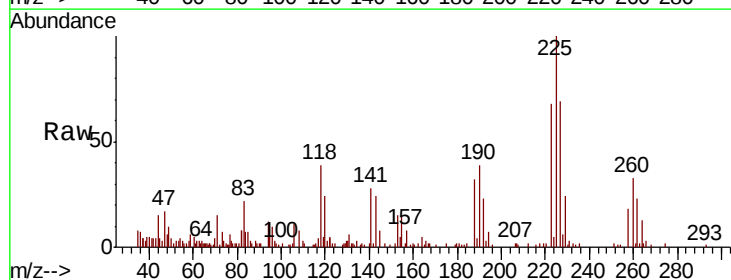


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

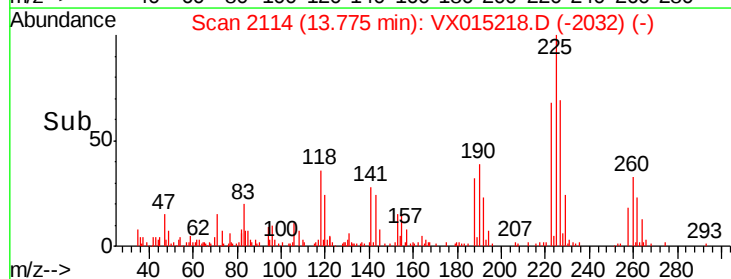
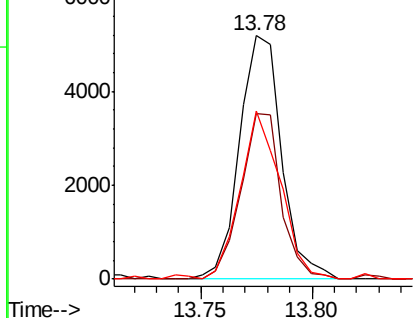


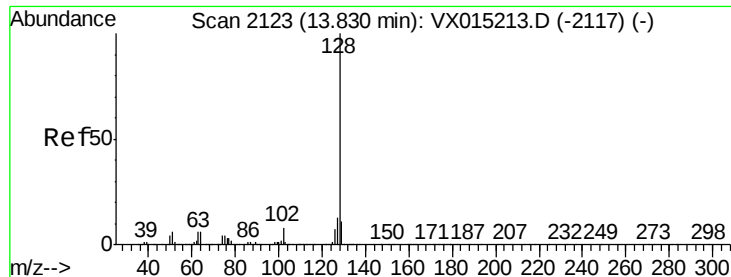
#90
 Hexachlorobutadiene
 Concen: 2.939 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX015218.D
 Acq: 11 Mar 2020 22:56

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.9	0.0	127.6
227	65.8	0.0	128.6



Abundance Ion 225.00 (224.70 to 225.70): V
 Ion 223.00 (222.70 to 223.70): V
 Ion 227.00 (226.70 to 227.70): V

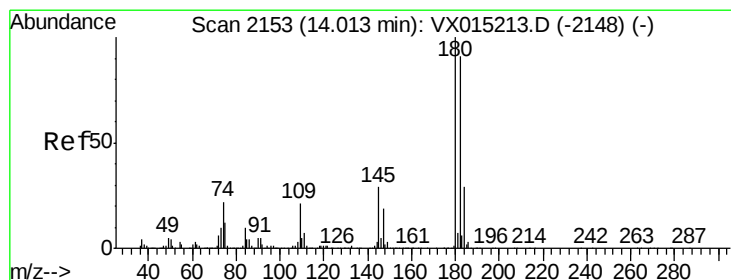
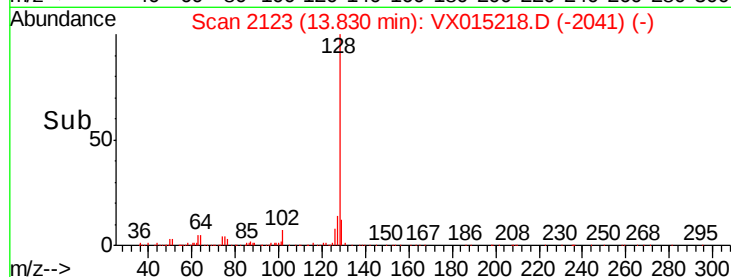
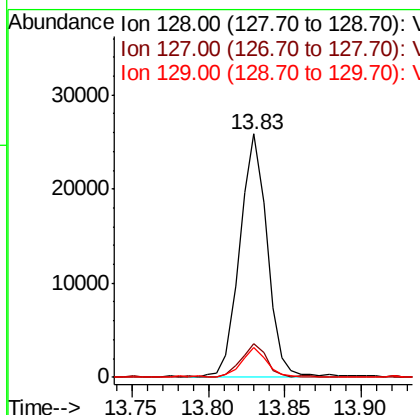
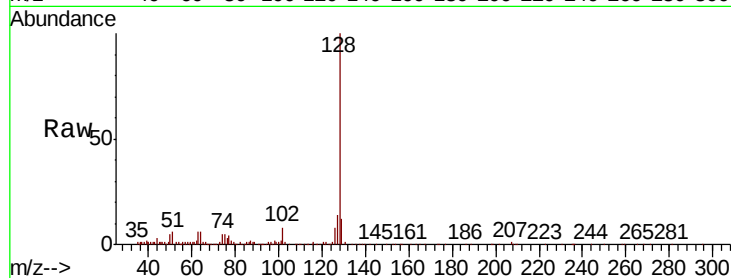




#91
Naphthalene
Concen: 2.431 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX015218.D
Acq: 11 Mar 2020 22:56

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

Tot Ion:128 Resp: 32320
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 11.6 8.8 13.2



#92
1,2,3-Trichlorobenzene
Concen: 2.831 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX015218.D
Acq: 11 Mar 2020 22:56

Tgt Ion:180 Resp: 13482
Ion Ratio Lower Upper
180 100
182 90.8 0.0 188.4
145 30.4 0.0 59.2

