

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072019\
 Data File : VX010994.D
 Acq On : 19 Jul 2019 11:57
 Operator : JC/SP
 Sample : 2.5PPB MDL
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2019

Quant Time: Jul 20 00:58:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 17 06:57:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	257185	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	383531	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	343906	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	171794	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	121714	44.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.98%	
35) Dibromofluoromethane	5.50	113	105335	43.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.54%	
50) Toluene-d8	8.71	98	401098	43.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.86%	
62) 4-Bromofluorobenzene	11.13	95	142636	42.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	3371	1.762	ug/l	97
3) Chloromethane	1.33	50	4459	1.885	ug/l	89
4) Vinyl Chloride	1.41	62	4338	1.798	ug/l	97
5) Bromomethane	1.64	94	3277	2.411	ug/l	96
6) Chloroethane	1.73	64	3291	2.147	ug/l	95
7) Trichlorofluoromethane	1.93	101	8712	2.133	ug/l	92
8) Diethyl Ether	2.19	74	3253	2.312	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	2.39	101	5205	2.232	ug/l	96
10) Methyl Iodide	2.51	142	4284	1.400	ug/l	98
11) Tert butyl alcohol	3.04	59	9925	15.576	ug/l	97
12) 1,1-Dichloroethene	2.37	96	5248	2.291	ug/l	96
13) Acrolein	2.29	56	4222	11.468	ug/l	98
14) Allyl chloride	2.73	41	7283	2.189	ug/l	97
15) Acrylonitrile	3.15	53	14774	11.474	ug/l	99
16) Acetone	2.45	43	14381	11.638	ug/l	96
17) Carbon Disulfide	2.57	76	12084	2.056	ug/l	100
18) Methyl Acetate	2.78	43	8355	2.969	ug/l	96
19) Methyl tert-butyl Ether	3.19	73	16732	2.269	ug/l	95
20) Methylene Chloride	2.86	84	6440	2.459	ug/l #	86
21) trans-1,2-Dichloroethene	3.17	96	5385	2.215	ug/l	98
22) Diisopropyl ether	3.86	45	15788	2.250	ug/l #	95
23) Vinyl Acetate	3.82	43	55884	9.398	ug/l	98
24) 1,1-Dichloroethane	3.70	63	9261	2.272	ug/l	99
25) 2-Butanone	4.68	43	20206	11.391	ug/l	94
26) 2,2-Dichloropropane	4.59	77	6674	1.994	ug/l	79
27) cis-1,2-Dichloroethene	4.60	96	6727	2.391	ug/l	94
28) Bromochloromethane	5.02	49	4614	2.402	ug/l	92
29) Tetrahydrofuran	5.13	42	11918	10.607	ug/l	97
30) Chloroform	5.20	83	10247	2.326	ug/l	99
31) Cyclohexane	5.57	56	8490	2.285	ug/l	91
32) 1,1,1-Trichloroethane	5.49	97	8224	2.158	ug/l	99
36) 1,1-Dichloropropene	5.81	75	7327	2.326	ug/l	98
37) Ethyl Acetate	4.84	43	8051	2.496	ug/l #	95
38) Carbon Tetrachloride	5.79	117	6977	2.125	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Wed Jul 17 06:57:45 2019
 Response via : Initial Calibration

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

39) Methylcyclohexane	7.46	83	8773	2.147	ug/l	# 88
40) Benzene	6.15	78	21823	2.261	ug/l	97
41) Methacrylonitrile	5.05	41	4396	2.401	ug/l	92
42) 1,2-Dichloroethane	6.19	62	7884	2.350	ug/l	97
43) Isopropyl Acetate	6.45	43	11389	2.147	ug/l	98
44) Trichloroethene	7.22	130	6515	2.281	ug/l	97
45) 1,2-Dichloropropane	7.51	63	5975	2.433	ug/l	96
46) Dibromomethane	7.66	93	4103	2.338	ug/l	98
47) Bromodichloromethane	7.90	83	6327	2.025	ug/l	86
48) Methyl methacrylate	7.77	41	5751	2.226	ug/l	94
49) 1,4-Dioxane	7.75	88	3370	46.624	ug/l	# 88
51) 4-Methyl-2-Pentanone	8.64	43	37400	10.877	ug/l	99
52) Toluene	8.78	92	14358	2.265	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	5944	1.769	ug/l	98
54) cis-1,3-Dichloropropene	8.44	75	7100	1.899	ug/l	# 94
55) 1,1,2-Trichloroethane	9.21	97	5505	2.109	ug/l	95
56) Ethyl methacrylate	9.18	69	7979	2.090	ug/l	92
57) 1,3-Dichloropropane	9.37	76	9280	2.241	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	20321	11.149	ug/l	98
59) 2-Hexanone	9.49	43	28554	10.707	ug/l	100
60) Dibromochloromethane	9.58	129	5002	4.109	ug/l	100
61) 1,2-Dibromoethane	9.67	107	6130	2.213	ug/l	96
64) Tetrachloroethene	9.33	164	6531	2.414	ug/l	92
65) Chlorobenzene	10.13	112	16079	2.276	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.22	131	5059	2.038	ug/l	96
67) Ethyl Benzene	10.25	91	26985	2.244	ug/l	100
68) m/p-Xylenes	10.36	106	20289	4.399	ug/l	99
69) o-Xylene	10.70	106	10257	2.279	ug/l	95
70) Styrene	10.71	104	15834	2.110	ug/l	98
71) Bromoform	10.86	173	3261	3.918	ug/l	# 97
73) Isopropylbenzene	11.02	105	26598	2.291	ug/l	99
74) N-amyl acetate	10.90	43	9275	2.091	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.26	83	8709	2.293	ug/l	97
76) 1,2,3-Trichloropropane	11.29	75	8427	2.718	ug/l	86
77) Bromobenzene	11.26	156	7254	2.266	ug/l	97
78) n-propylbenzene	11.36	91	28378	2.213	ug/l	100
79) 2-Chlorotoluene	11.42	91	17780	2.308	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	21321	2.198	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.13	75	71977	58.121	ug/l	# 11
82) 4-Chlorotoluene	11.51	91	20411	2.276	ug/l	99
83) tert-Butylbenzene	11.77	119	20465	2.148	ug/l	93
84) 1,2,4-Trimethylbenzene	11.80	105	21963	2.247	ug/l	99
85) sec-Butylbenzene	11.94	105	24630	2.206	ug/l	99
86) p-Isopropyltoluene	12.06	119	21712	2.104	ug/l	96
87) 1,3-Dichlorobenzene	12.02	146	12584	2.265	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	12993	2.280	ug/l	81
89) n-Butylbenzene	12.38	91	18172	2.058	ug/l	99
90) Hexachloroethane	12.60	117	3008	1.848	ug/l	94
91) 1,2-Dichlorobenzene	12.39	146	13063	2.372	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	1610	2.028	ug/l	83

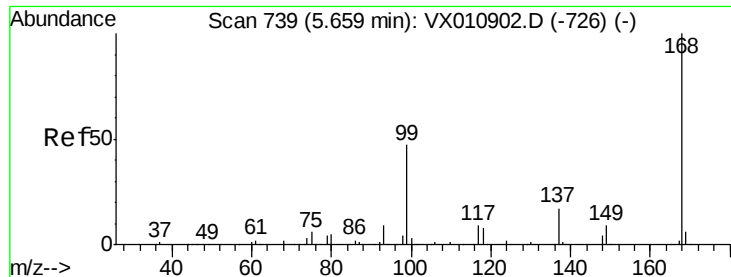
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	7947	2.129	ug/l	97
94) Hexachlorobutadiene	13.78	225	3850	2.082	ug/l	98
95) Naphthalene	13.83	128	22660	2.056	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	8071	2.173	ug/l	98

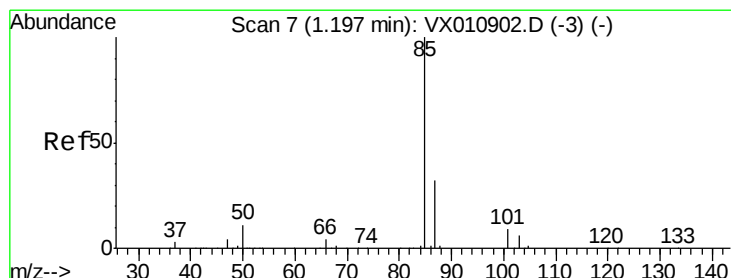
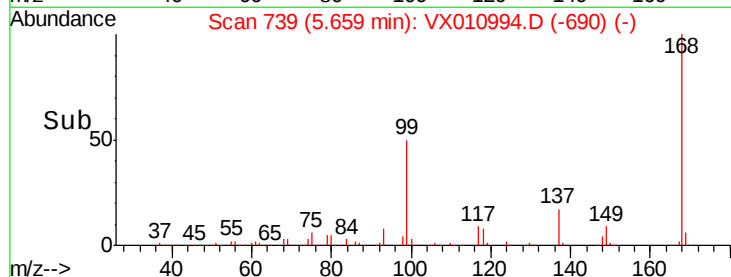
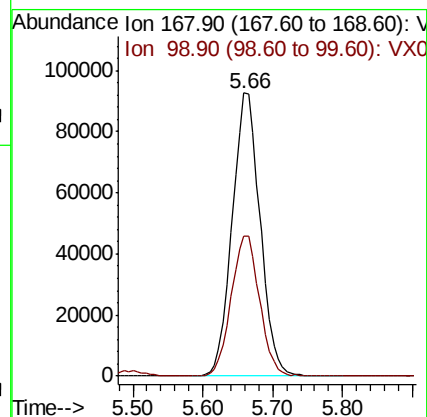
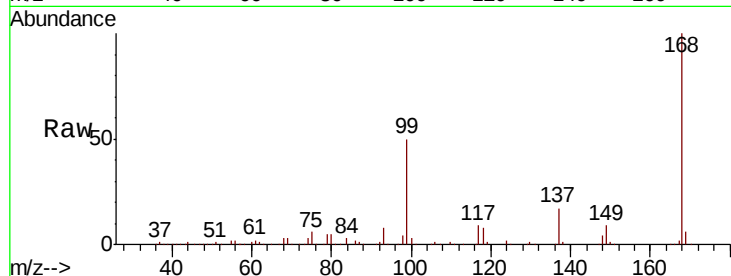
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.00 min
Lab File: VX010994.D
Acq: 19 Jul 2019 11:57

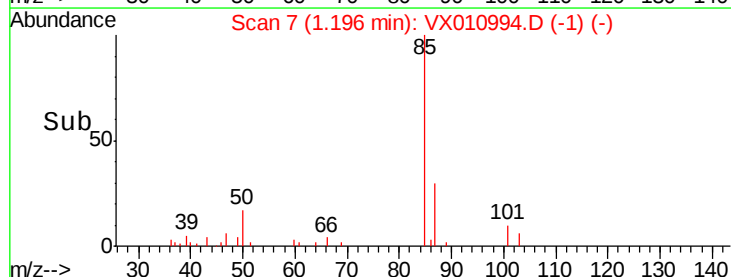
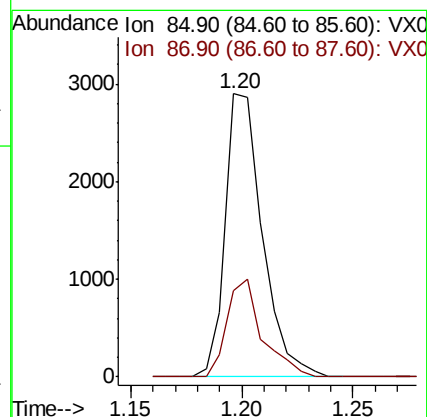
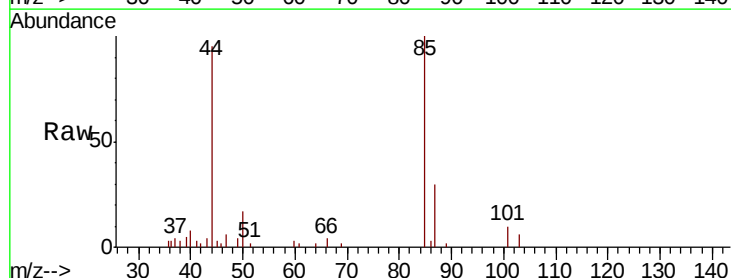
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

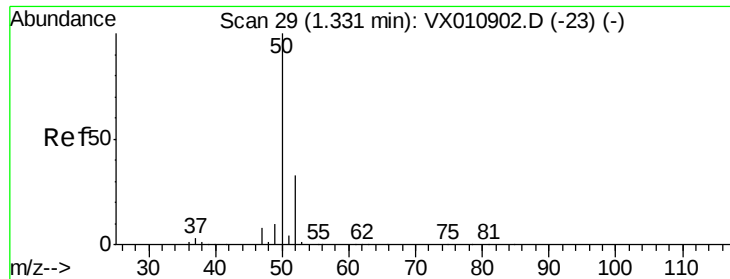
Tot Ion:168 Resp: 257185
Ion Ratio Lower Upper
168 100
99 49.5 37.6 56.4



#2
Dichlorodifluoromethane
Concen: 1.762 ug/l
RT: 1.20 min Scan# 7
Delta R.T. 0.00 min
Lab File: VX010994.D
Acq: 19 Jul 2019 11:57

Tgt Ion: 85 Resp: 3371
Ion Ratio Lower Upper
85 100
87 30.3 15.9 47.7





#3

Chloromethane

Concen: 1.885 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX010994.D

Acq: 19 Jul 2019 11:57

Instrument :

MSVOA_X

ClientSampleId :

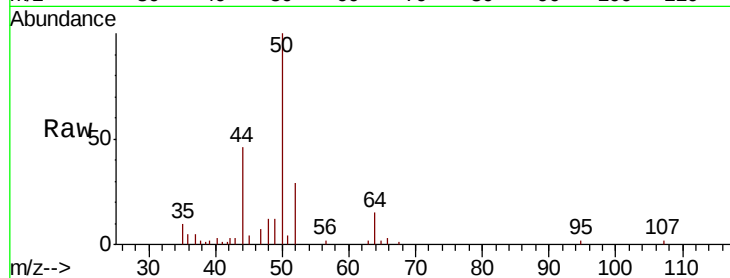
LOD-MDL-WATER-01-QT3-2019

Tot Ion: 50 Resp: 4459

Ion Ratio Lower Upper

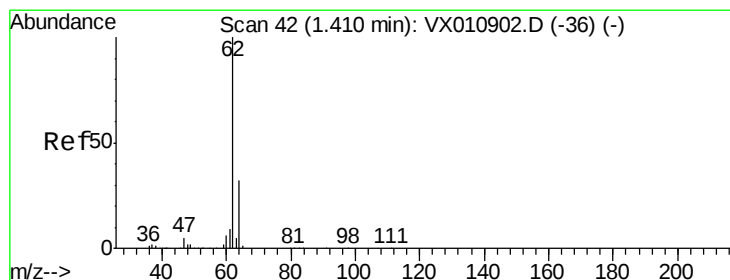
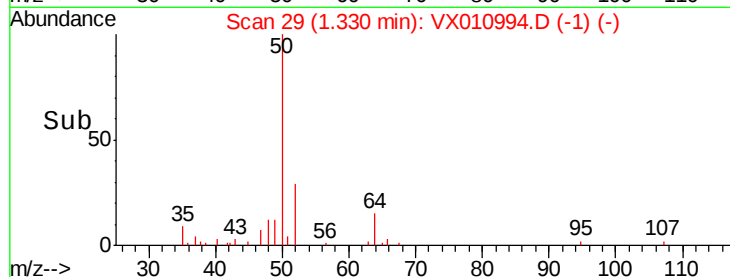
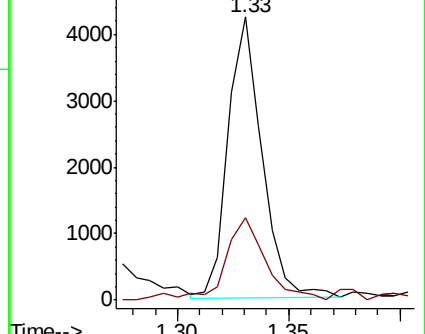
50 100

52 26.9 26.4 39.6



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 1.798 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX010994.D

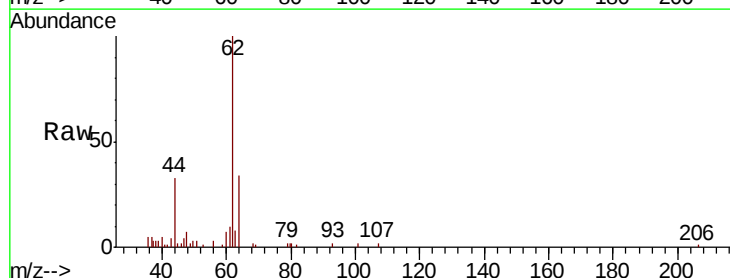
Acq: 19 Jul 2019 11:57

Tgt Ion: 62 Resp: 4338

Ion Ratio Lower Upper

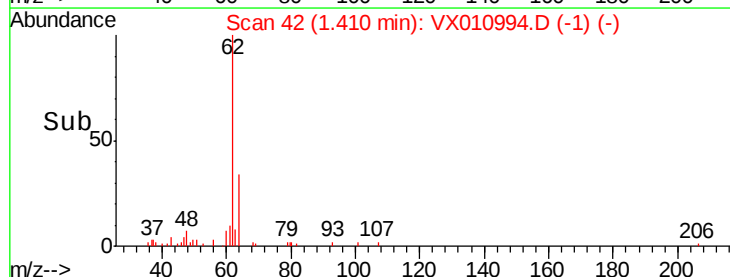
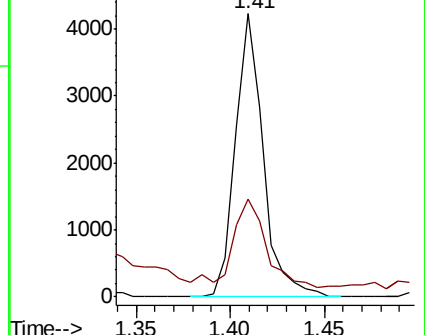
62 100

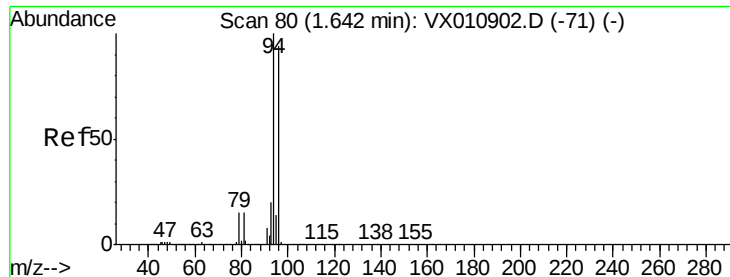
64 30.5 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 2.411 ug/l

RT: 1.64 min Scan# 80

Delta R.T. -0.00 min

Lab File: VX010994.D

Acq: 19 Jul 2019 11:57

Instrument :

MSVOA_X

ClientSampleId :

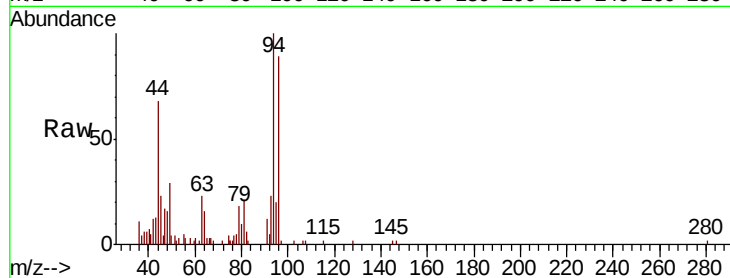
LOD-MDL-WATER-01-QT3-2019

Tot Ion: 94 Resp: 3277

Ion Ratio Lower Upper

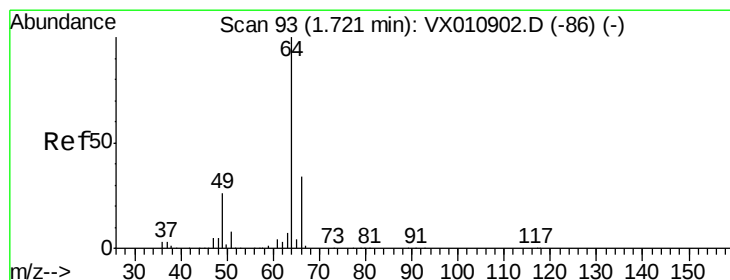
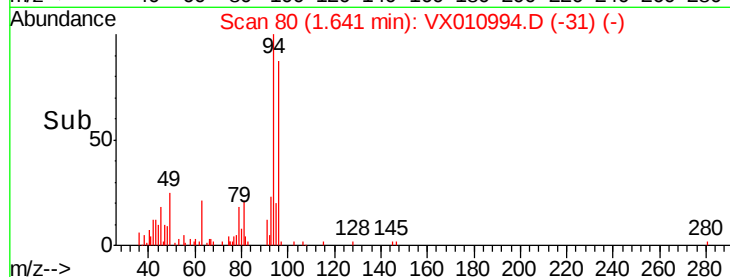
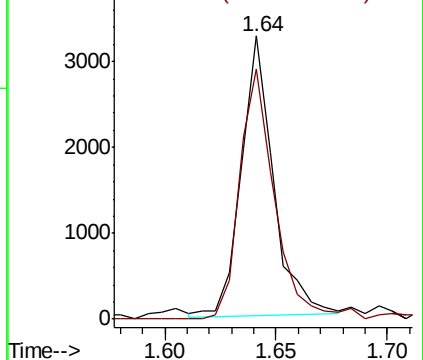
94 100

96 90.4 75.6 113.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 2.147 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX010994.D

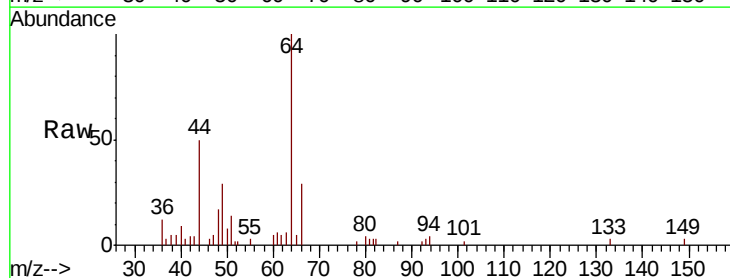
Acq: 19 Jul 2019 11:57

Tgt Ion: 64 Resp: 3291

Ion Ratio Lower Upper

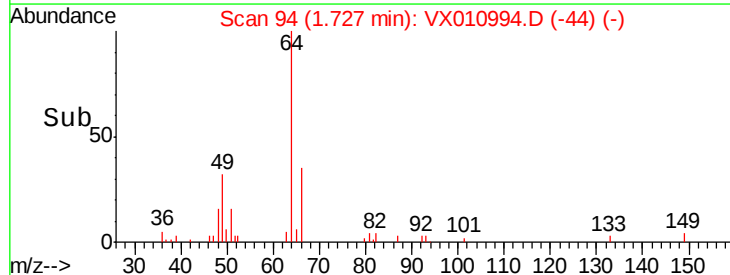
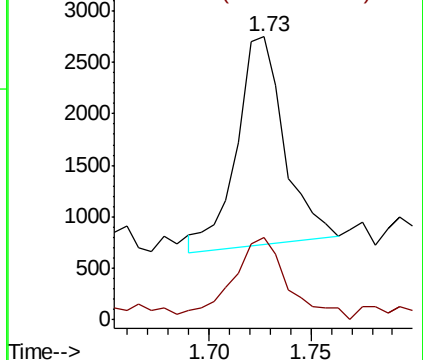
64 100

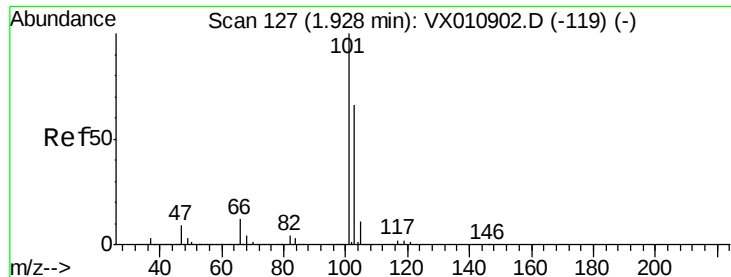
66 36.6 27.0 40.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



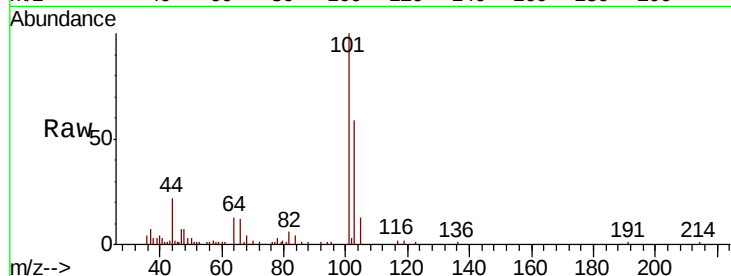


#7

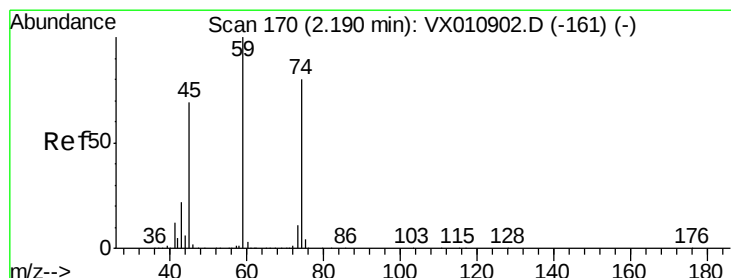
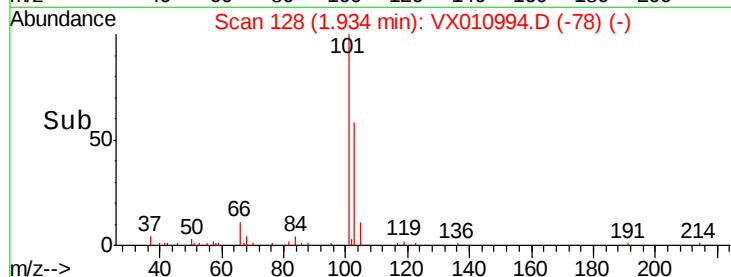
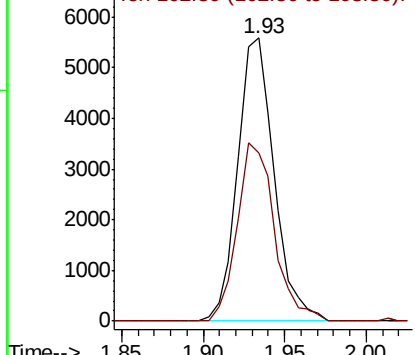
Trichlorofluoromethane
 Concen: 2.133 ug/l
 RT: 1.93 min Scan# 128
 Delta R.T. 0.01 min
 Lab File: VX010994.D
 Acq: 19 Jul 2019 11:57

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2019

Tot Ion:101 Resp: 8712
 Ion Ratio Lower Upper
 101 100
 103 59.3 52.6 78.8



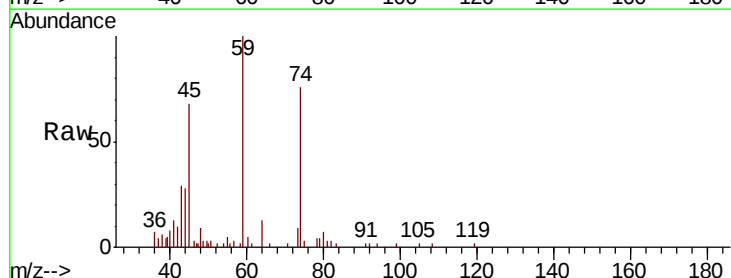
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



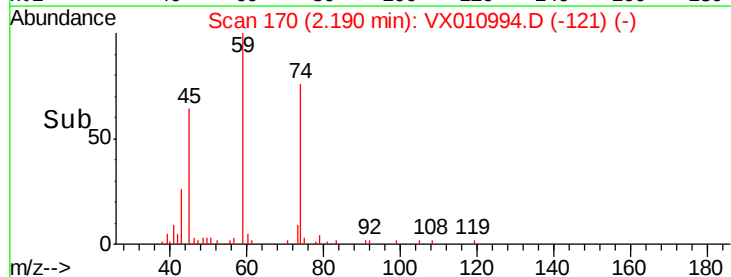
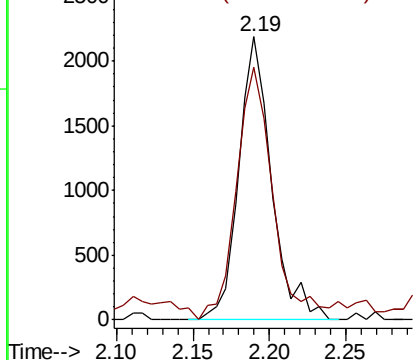
#8

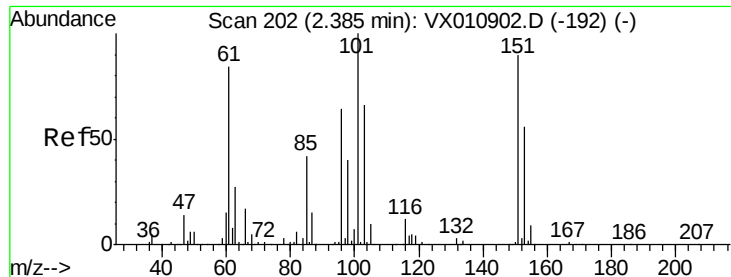
Diethyl Ether
 Concen: 2.312 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX010994.D
 Acq: 19 Jul 2019 11:57

Tgt Ion: 74 Resp: 3253
 Ion Ratio Lower Upper
 74 100
 45 99.2 45.5 136.5



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: 2.232 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX010994.D

Acq: 19 Jul 2019 11:57

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

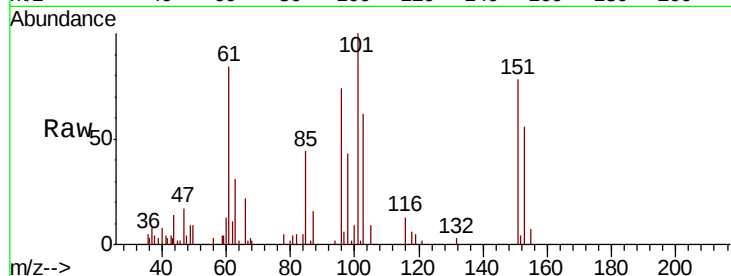
Tot Ion:101 Resp: 5205

Ion Ratio Lower Upper

101 100

85 46.3 34.6 52.0

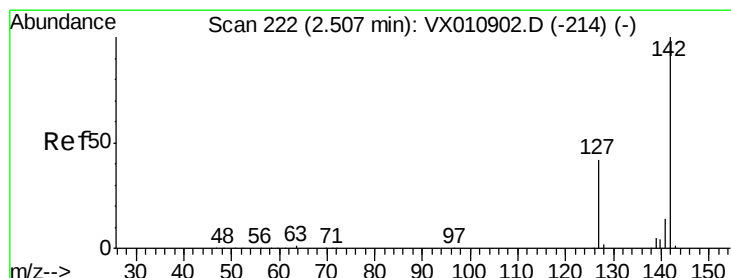
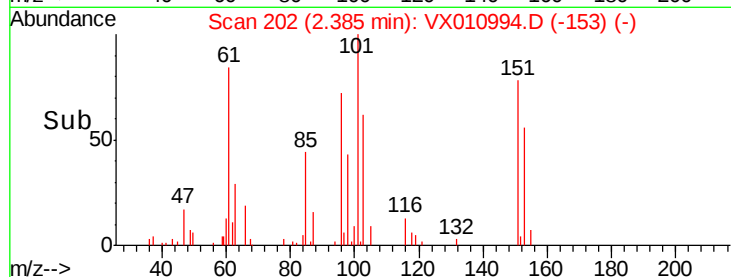
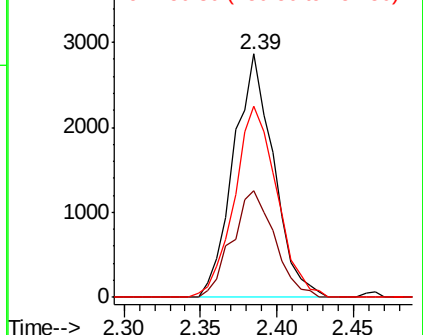
151 83.6 69.6 104.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 1.400 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.01 min

Lab File: VX010994.D

Acq: 19 Jul 2019 11:57

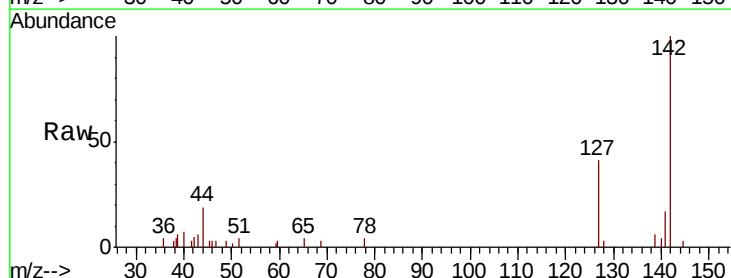
Tgt Ion:142 Resp: 4284

Ion Ratio Lower Upper

142 100

127 43.1 34.2 51.4

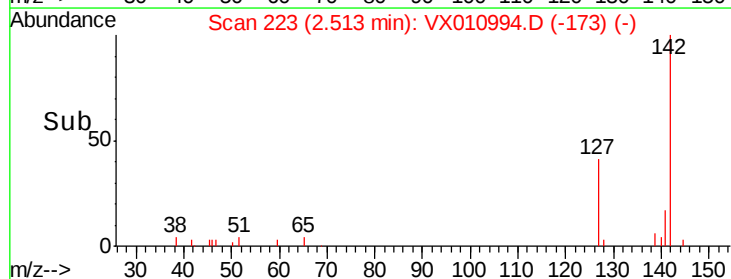
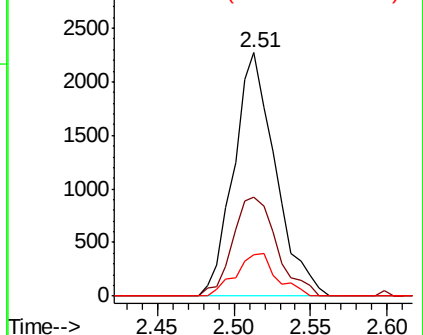
141 17.0 11.7 17.5



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



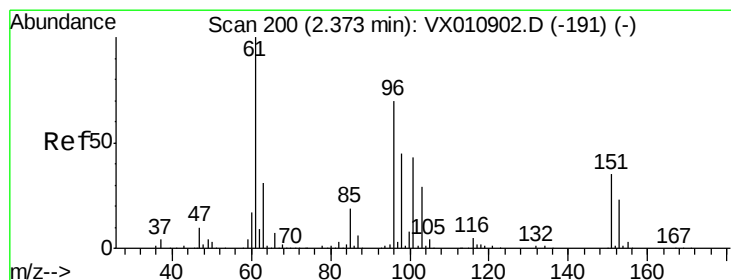
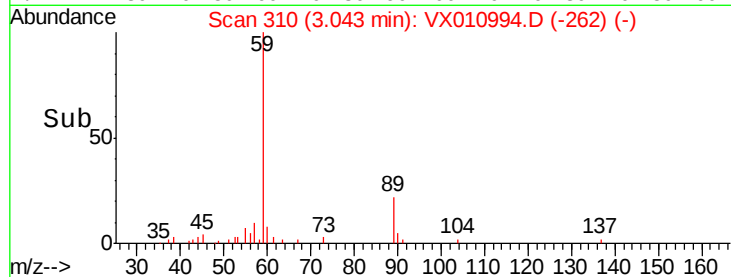
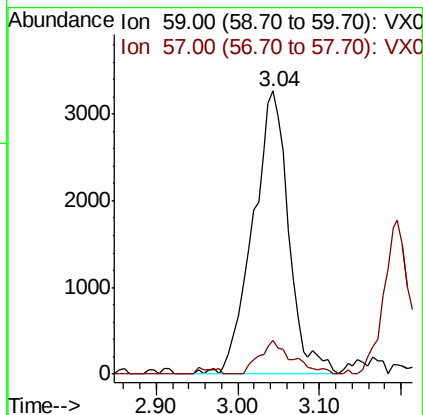
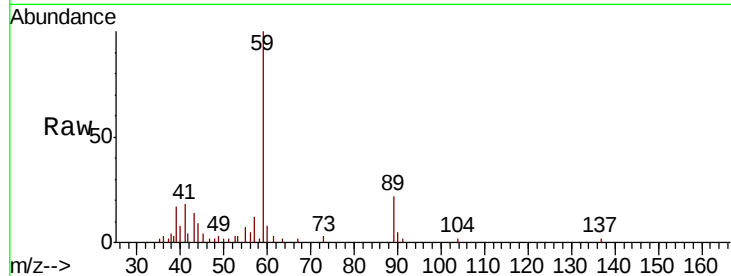


#11

Tert butyl alcohol
 Concen: 15.576 ug/l
 RT: 3.04 min Scan# 310
 Delta R.T. -0.01 min
 Lab File: VX010994.D
 Acq: 19 Jul 2019 11:57

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2019

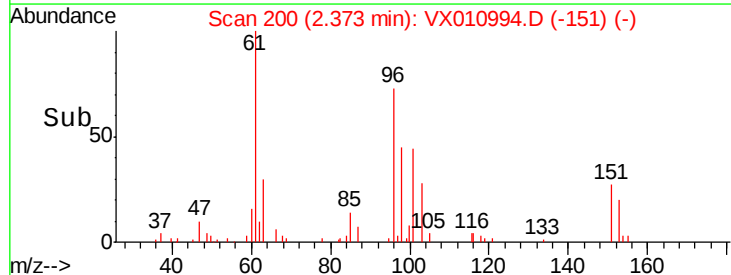
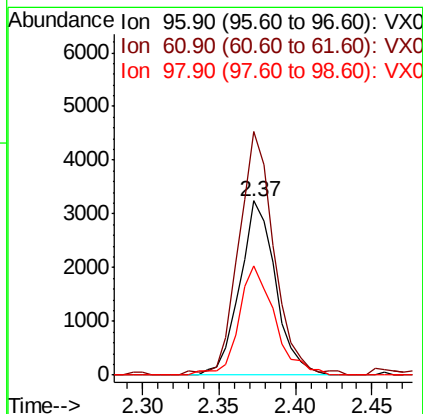
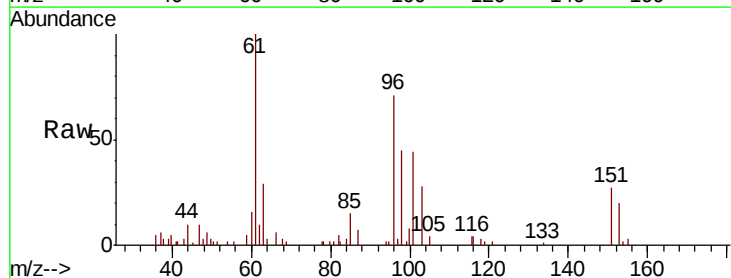
Tot Ion: 59 Resp: 9925
 Ion Ratio Lower Upper
 59 100
 57 10.9 7.9 11.9

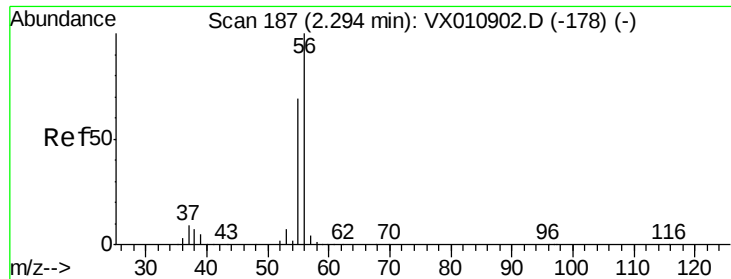


#12

1,1-Dichloroethene
 Concen: 2.291 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.00 min
 Lab File: VX010994.D
 Acq: 19 Jul 2019 11:57

Tgt Ion: 96 Resp: 5248
 Ion Ratio Lower Upper
 96 100
 61 137.5 115.0 172.4
 98 62.5 52.2 78.2

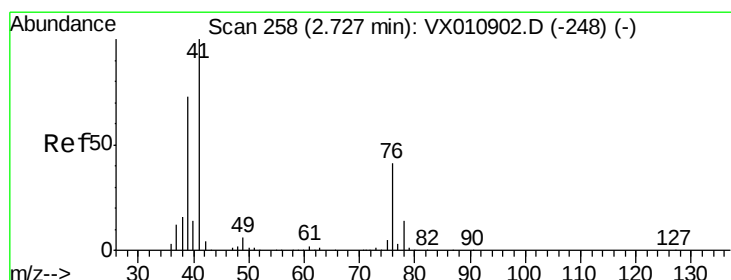
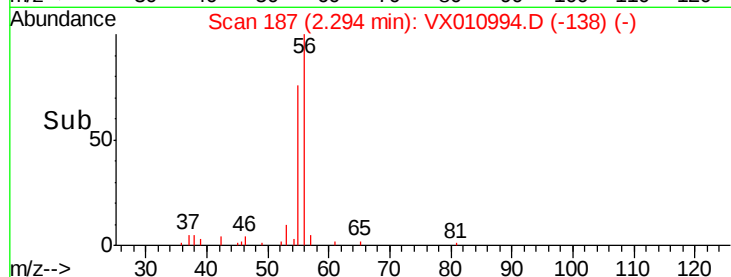
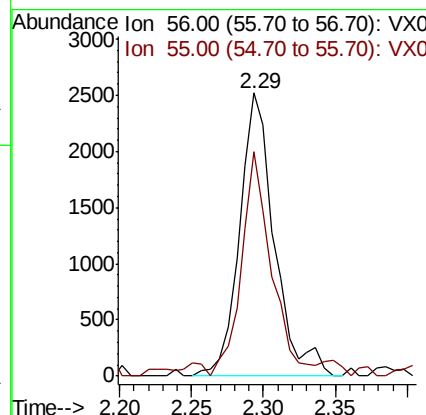
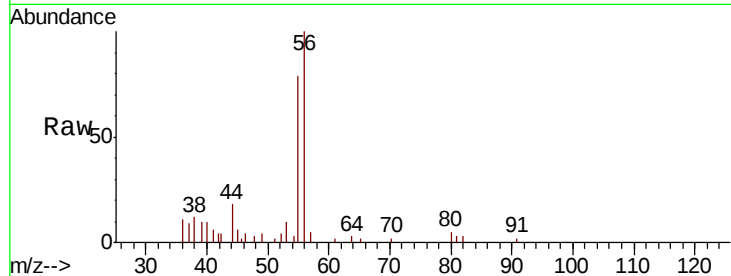




#13
 Acrolein
 Concen: 11.468 ug/l
 RT: 2.29 min Scan# 187
 Delta R.T. -0.00 min
 Lab File: VX010994.D
 Acq: 19 Jul 2019 11:57

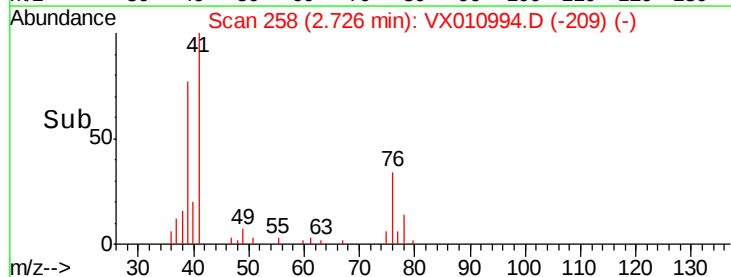
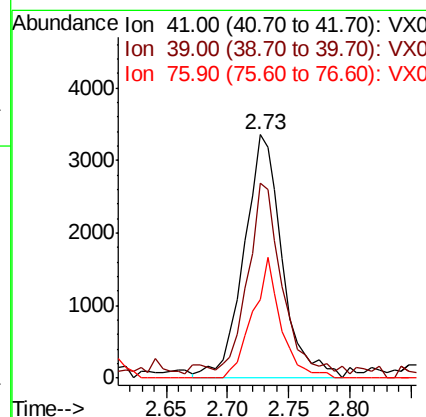
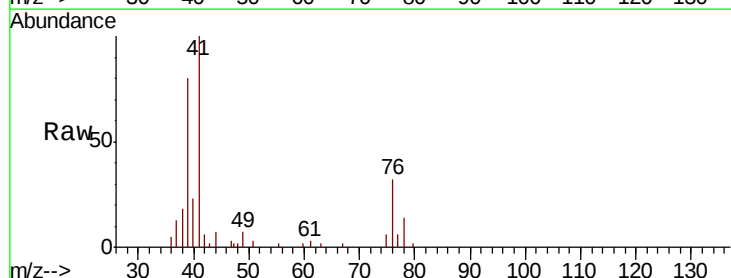
Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2019

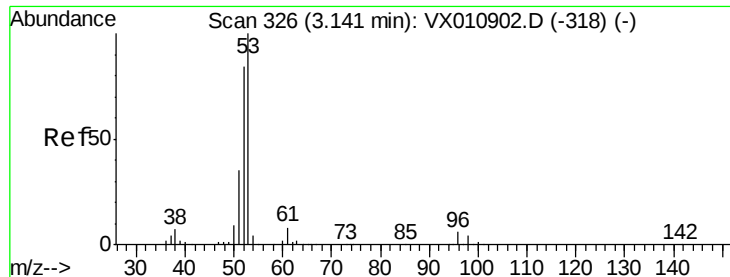
Tot Ion: 56 Resp: 4222
 Ion Ratio Lower Upper
 56 100
 55 68.7 55.9 83.9



#14
 Allyl chloride
 Concen: 2.189 ug/l
 RT: 2.73 min Scan# 258
 Delta R.T. -0.00 min
 Lab File: VX010994.D
 Acq: 19 Jul 2019 11:57

Tgt Ion: 41 Resp: 7283
 Ion Ratio Lower Upper
 41 100
 39 70.3 53.6 80.4
 76 36.9 29.7 44.5





#15

Acrylonitrile

Concen: 11.474 ug/l

RT: 3.15 min Scan# 327

Delta R.T. 0.01 min

Lab File: VX010994.D

Acq: 19 Jul 2019 11:57

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

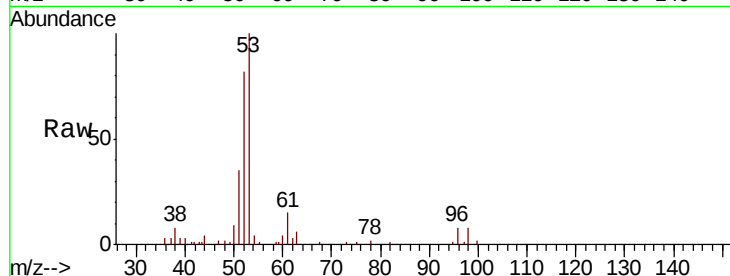
Tot Ion: 53 Resp: 14774

Ion Ratio Lower Upper

53 100

52 82.4 66.5 99.7

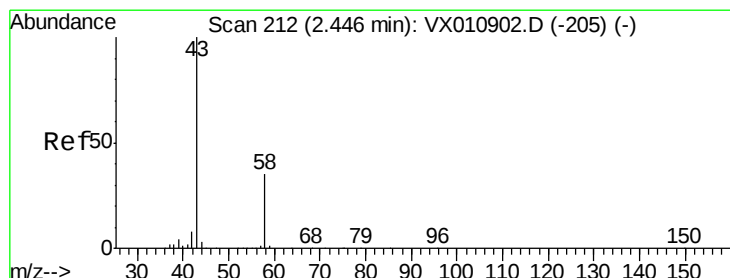
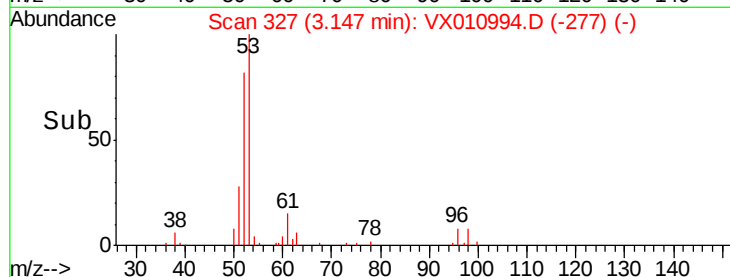
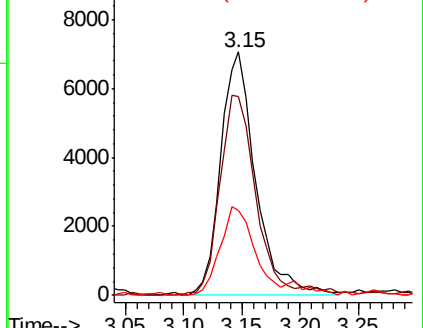
51 35.7 28.2 42.4



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 11.638 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX010994.D

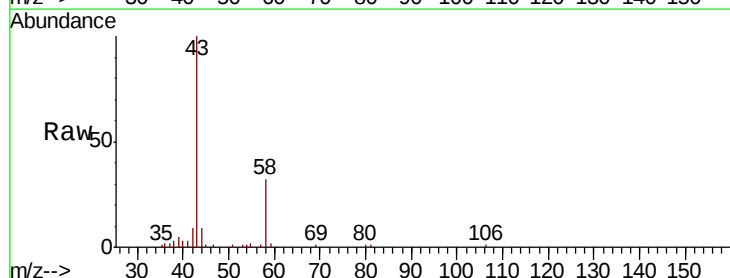
Acq: 19 Jul 2019 11:57

Tgt Ion: 43 Resp: 14381

Ion Ratio Lower Upper

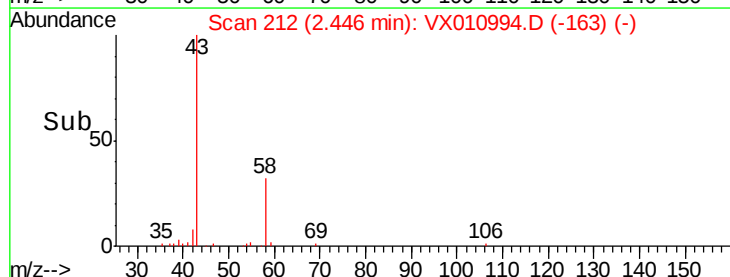
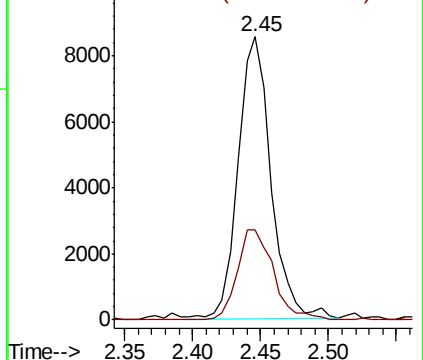
43 100

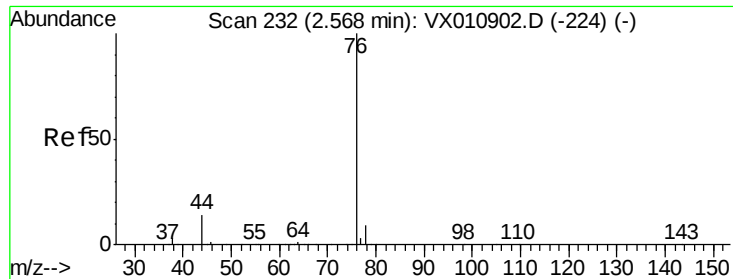
58 32.0 27.7 41.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

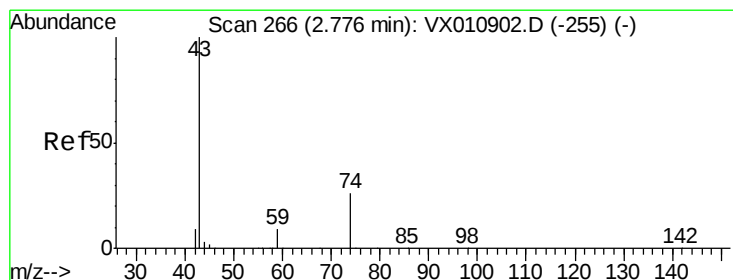
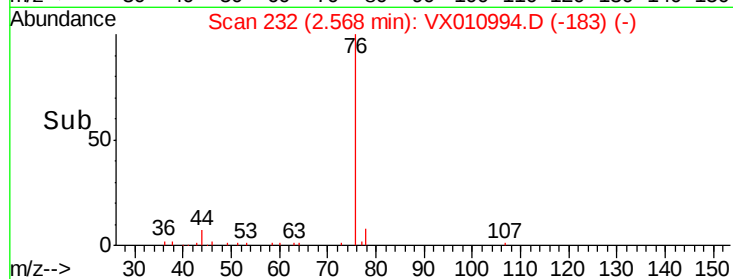
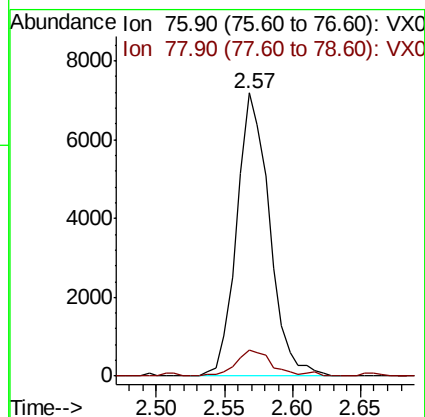
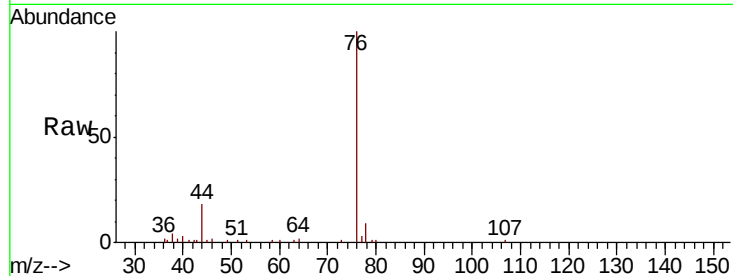




#17
Carbon Disulfide
Concen: 2.056 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX010994.D
Acq: 19 Jul 2019 11:57

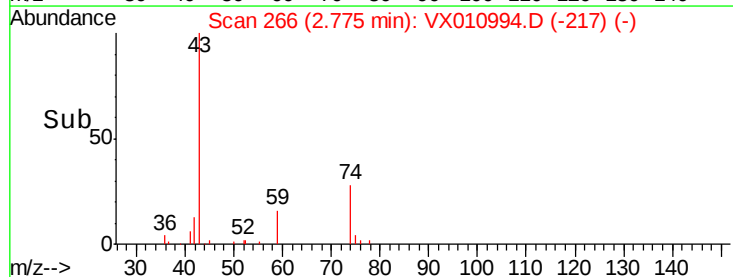
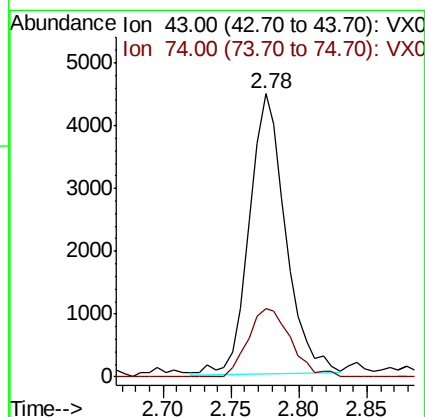
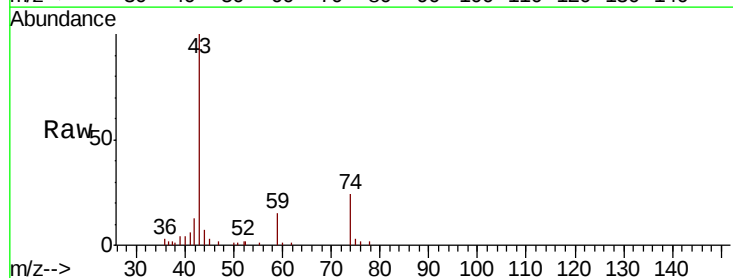
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

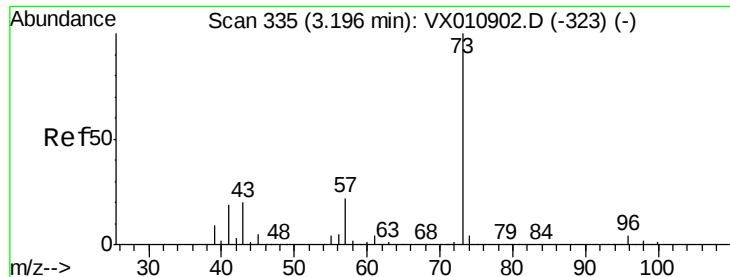
Tot Ion: 76 Resp: 12084
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.0



#18
Methyl Acetate
Concen: 2.969 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX010994.D
Acq: 19 Jul 2019 11:57

Tgt Ion: 43 Resp: 8355
Ion Ratio Lower Upper
43 100
74 28.7 21.5 32.3



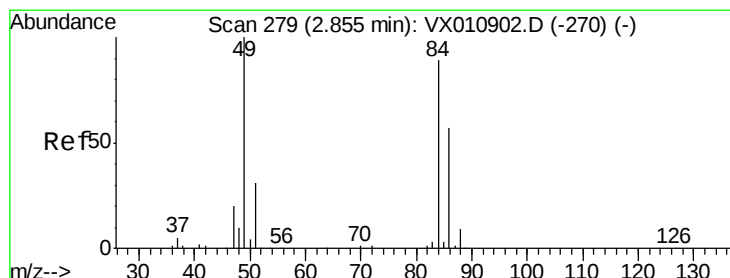
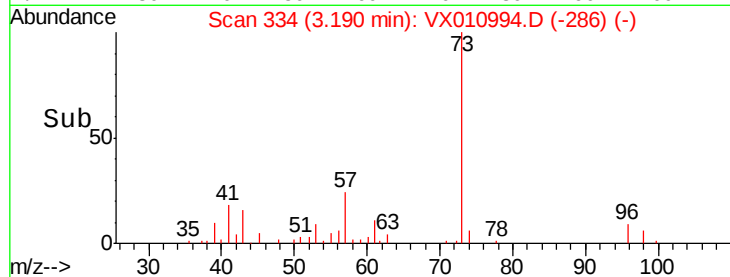
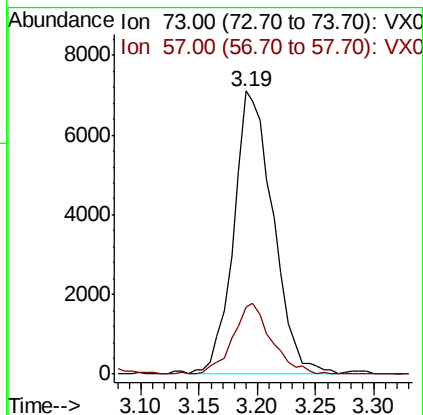
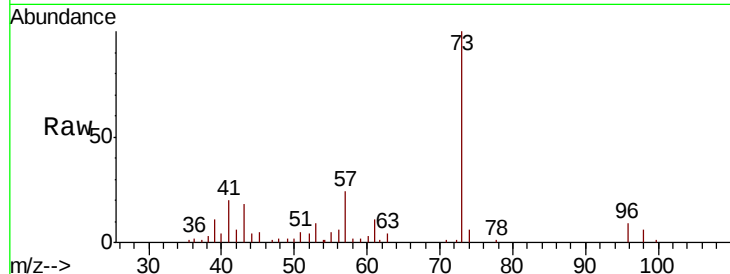


#19

Methyl tert-butyl Ether
 Concen: 2.269 ug/l
 RT: 3.19 min Scan# 334
 Delta R.T. -0.01 min
 Lab File: VX010994.D
 Acq: 19 Jul 2019 11:57

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2019

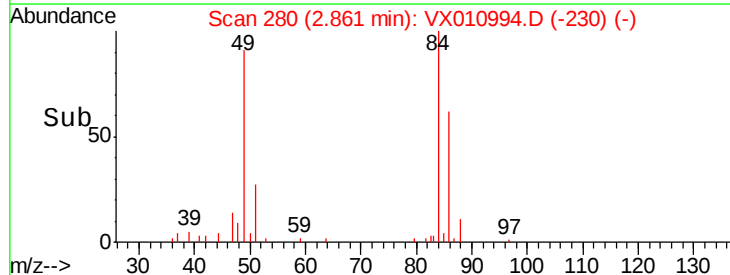
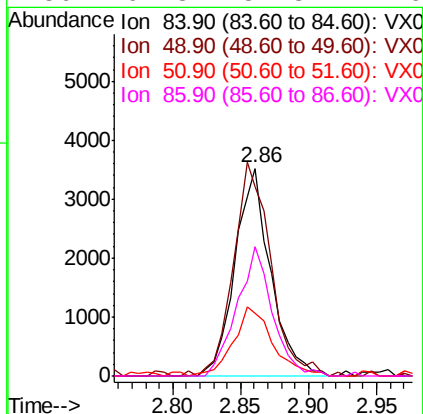
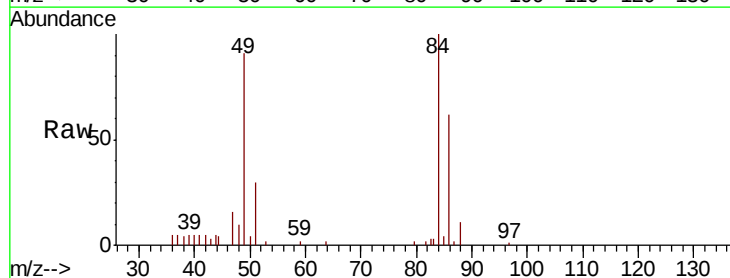
Tot Ion: 73 Resp: 16732
 Ion Ratio Lower Upper
 73 100
 57 23.9 17.3 25.9

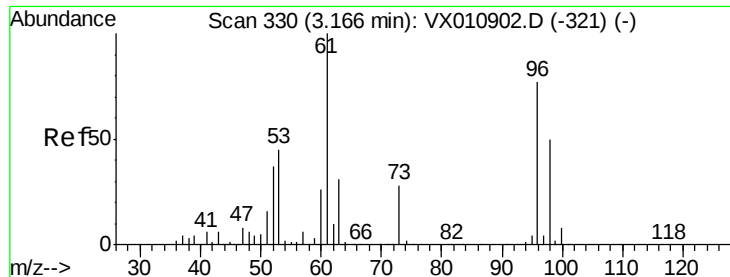


#20

Methylene Chloride
 Concen: 2.459 ug/l
 RT: 2.86 min Scan# 280
 Delta R.T. 0.01 min
 Lab File: VX010994.D
 Acq: 19 Jul 2019 11:57

Tgt Ion: 84 Resp: 6440
 Ion Ratio Lower Upper
 84 100
 49 89.2 89.9 134.9#
 51 30.0 27.8 41.6
 86 62.3 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 2.215 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX010994.D

Acq: 19 Jul 2019 11:57

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

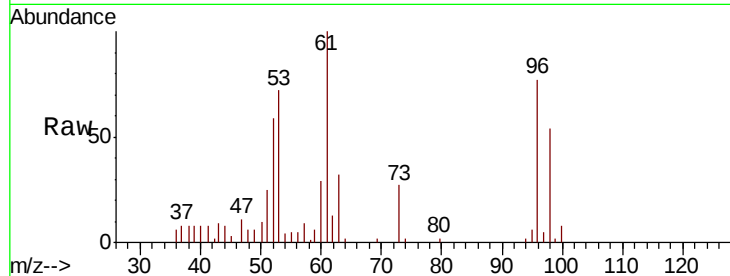
Tot Ion: 96 Resp: 5385

Ion Ratio Lower Upper

96 100

61 130.1 104.2 156.2

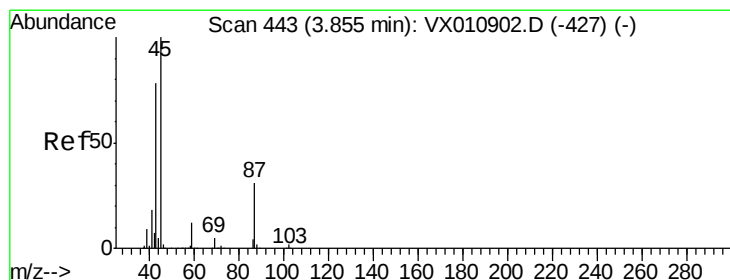
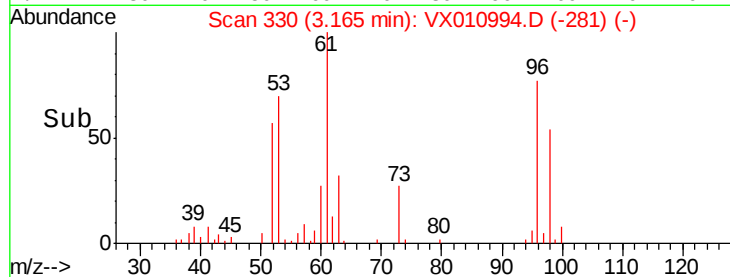
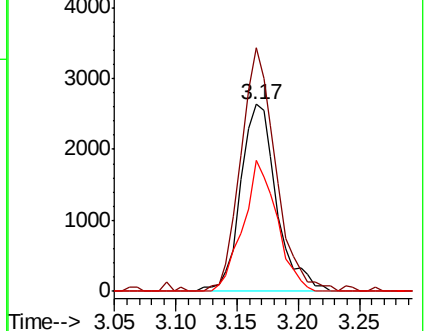
98 70.3 52.2 78.4



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 2.250 ug/l

RT: 3.86 min Scan# 444

Delta R.T. 0.01 min

Lab File: VX010994.D

Acq: 19 Jul 2019 11:57

Tgt Ion: 45 Resp: 15788

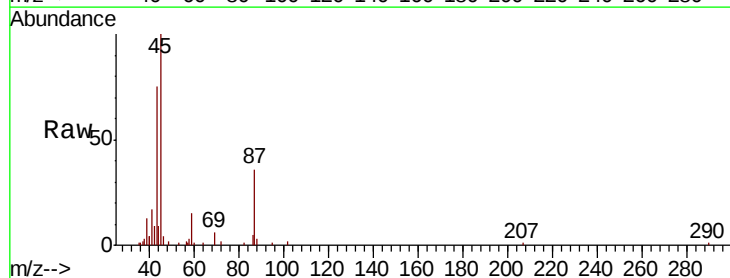
Ion Ratio Lower Upper

45 100

43 74.8 62.3 93.5

87 36.2 25.0 37.4

59 15.4 9.9 14.9#

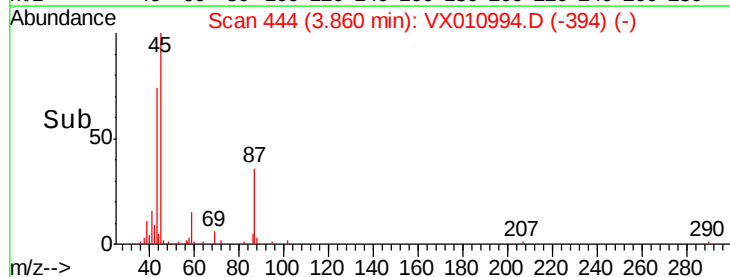
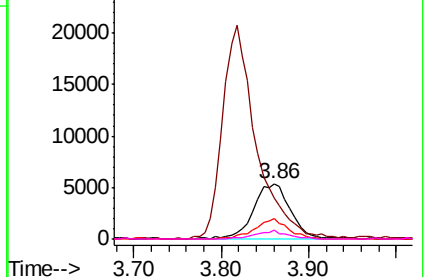


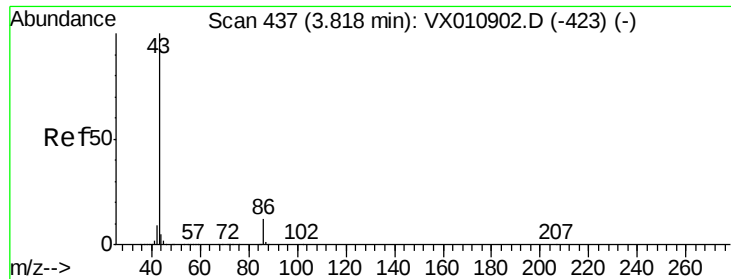
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0

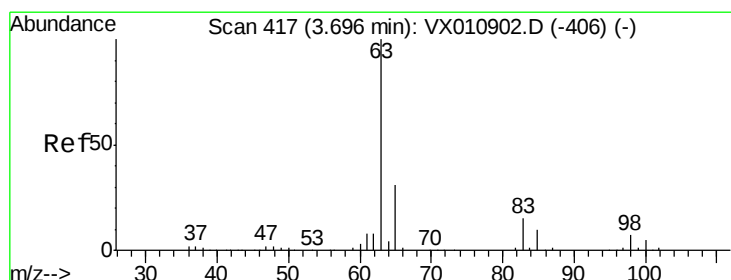
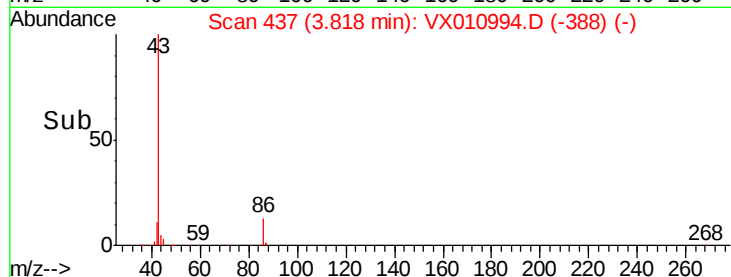
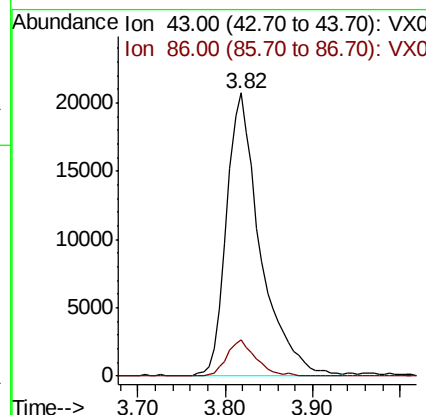
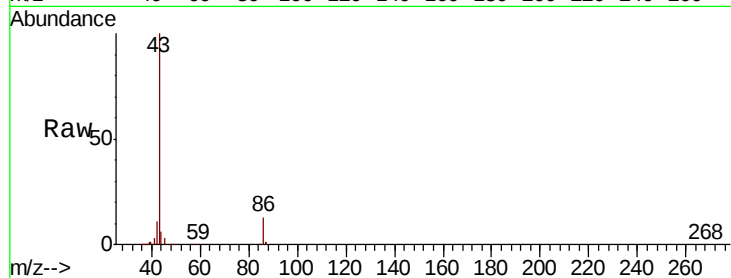




#23
 Vinyl Acetate
 Concen: 9.398 ug/l
 RT: 3.82 min Scan# 437
 Delta R.T. -0.00 min
 Lab File: VX010994.D
 Acq: 19 Jul 2019 11:57

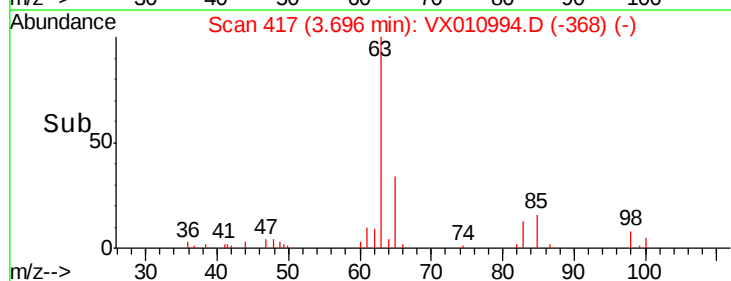
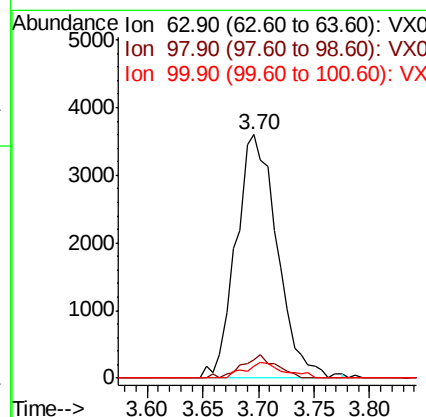
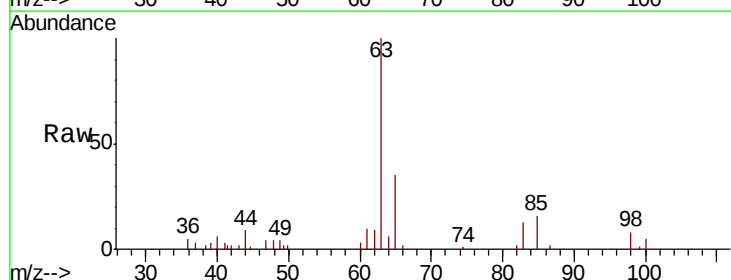
Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2019

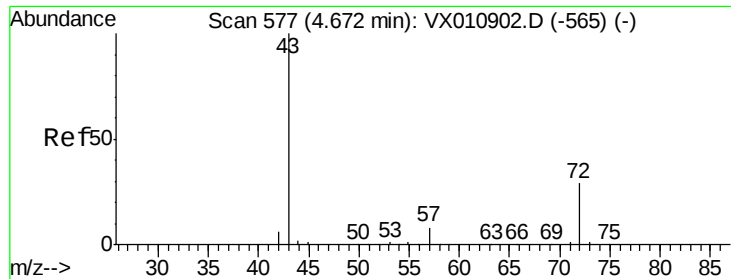
Tot Ion: 43 Resp: 55884
 Ion Ratio Lower Upper
 43 100
 86 12.6 9.4 14.0



#24
 1,1-Dichloroethane
 Concen: 2.272 ug/l
 RT: 3.70 min Scan# 417
 Delta R.T. -0.00 min
 Lab File: VX010994.D
 Acq: 19 Jul 2019 11:57

Tgt Ion: 63 Resp: 9261
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.6 10.9
 100 4.7 2.4 7.2





#25

2-Butanone

Concen: 11.391 ug/l

RT: 4.68 min Scan# 578

Delta R.T. 0.01 min

Lab File: VX010994.D

Acq: 19 Jul 2019 11:57

Instrument :

MSVOA_X

ClientSampleId :

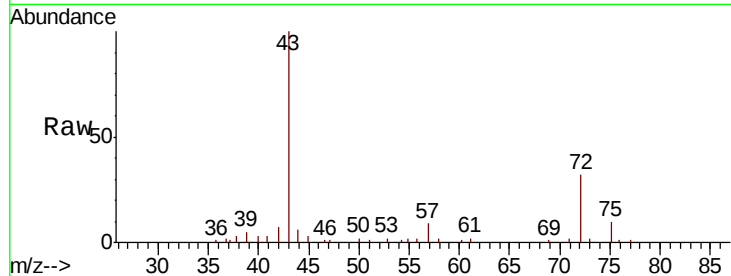
LOD-MDL-WATER-01-QT3-2019

Tot Ion: 43 Resp: 20206

Ion Ratio Lower Upper

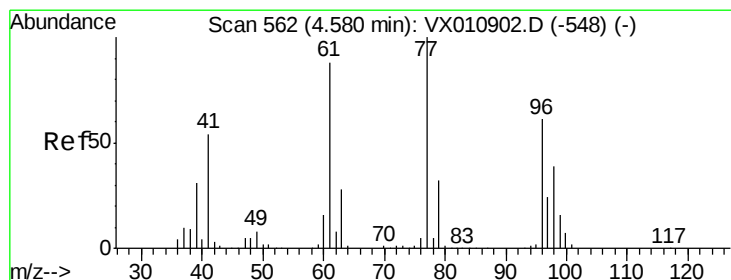
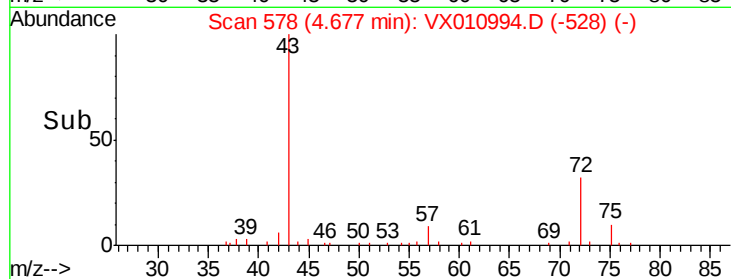
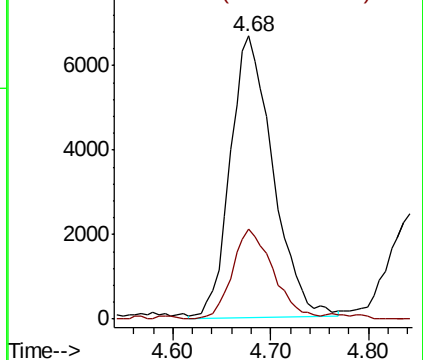
43 100

72 32.2 23.0 34.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 1.994 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX010994.D

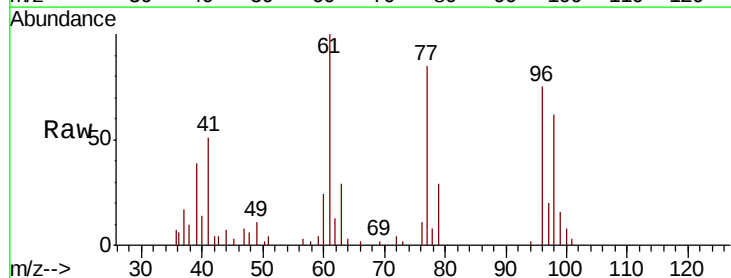
Acq: 19 Jul 2019 11:57

Tgt Ion: 77 Resp: 6674

Ion Ratio Lower Upper

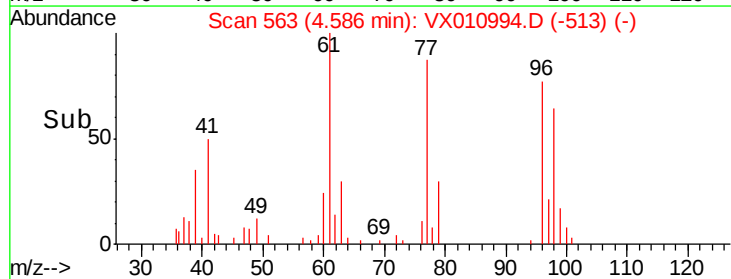
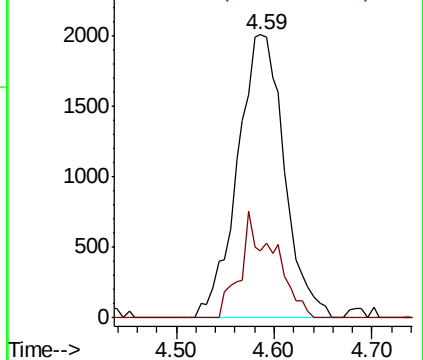
77 100

97 14.6 12.6 37.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



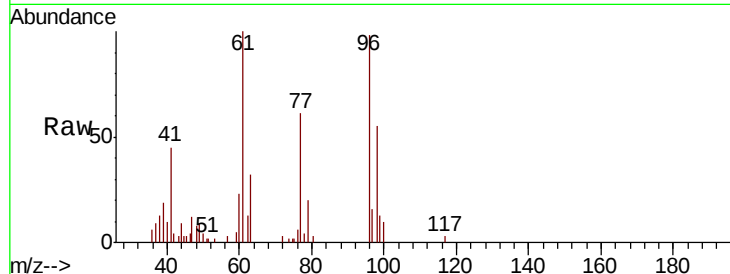


#27

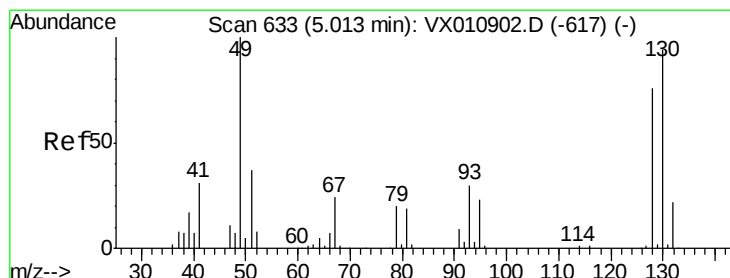
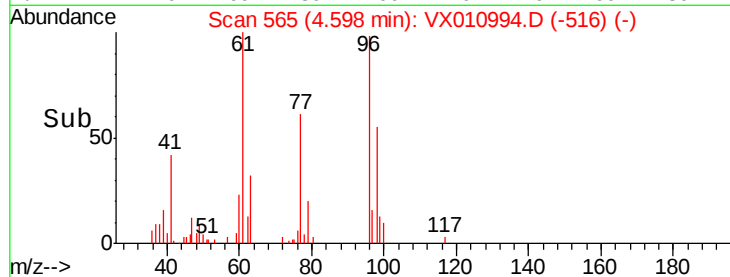
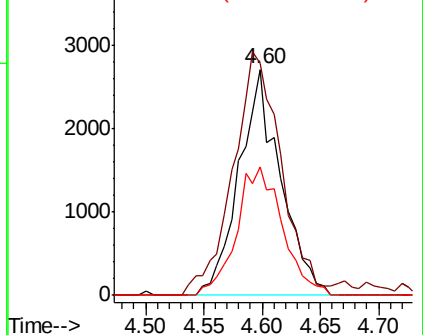
cis-1,2-Dichloroethene
Concen: 2.391 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX010994.D
Acq: 19 Jul 2019 11:57

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Tot Ion: 96 Resp: 6727
Ion Ratio Lower Upper
96 100
61 125.3 0.0 269.0
98 62.7 0.0 131.4



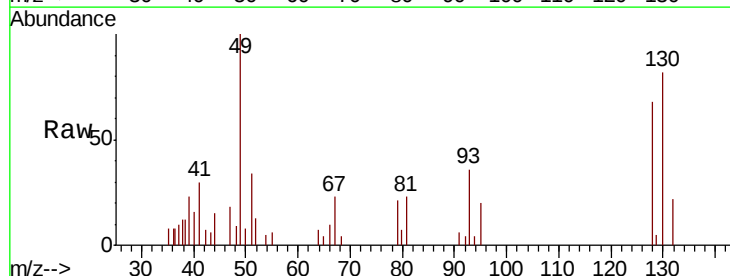
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



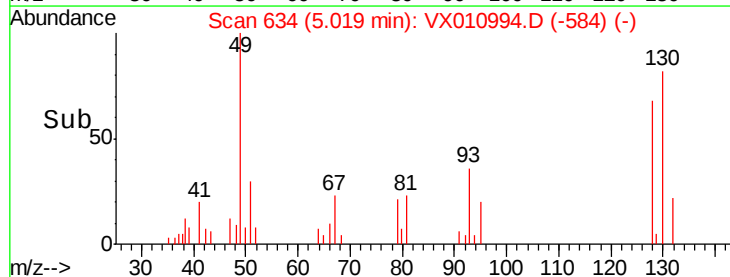
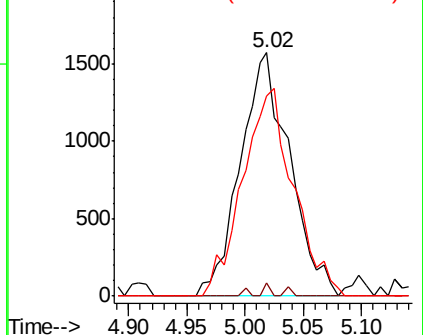
#28

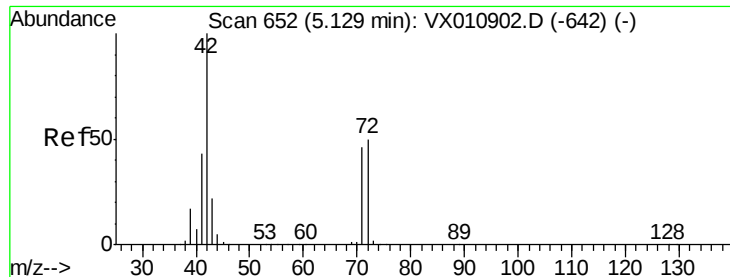
Bromochloromethane
Concen: 2.402 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.01 min
Lab File: VX010994.D
Acq: 19 Jul 2019 11:57

Tgt Ion: 49 Resp: 4614
Ion Ratio Lower Upper
49 100
129 0.7 0.0 5.2
130 88.4 76.9 115.3



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

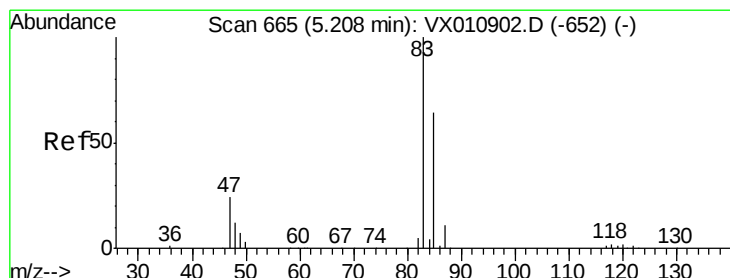
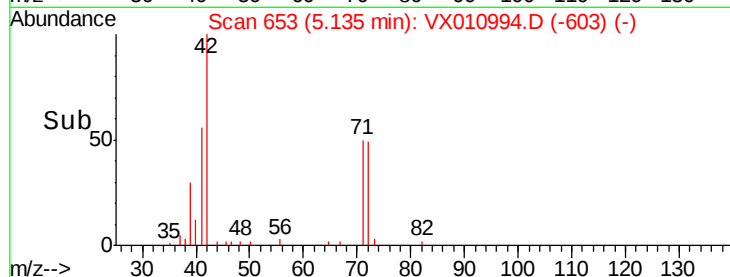
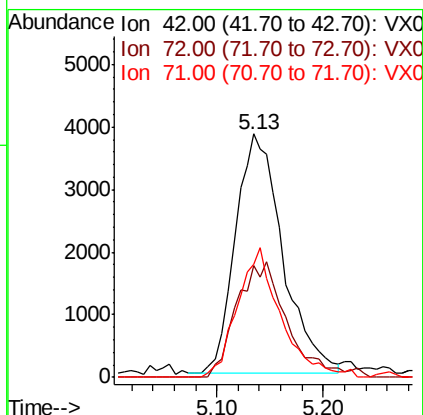
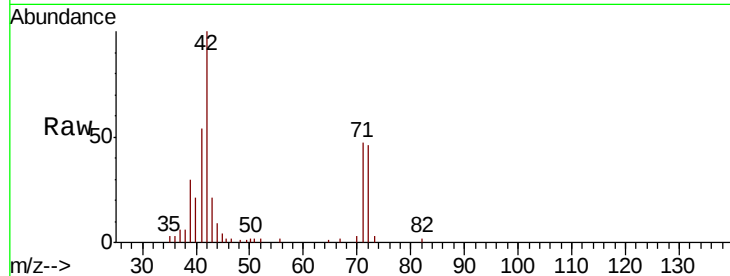




#29
Tetrahydrofuran
Concen: 10.607 ug/l
RT: 5.13 min Scan# 653
Delta R.T. 0.01 min
Lab File: VX010994.D
Acq: 19 Jul 2019 11:57

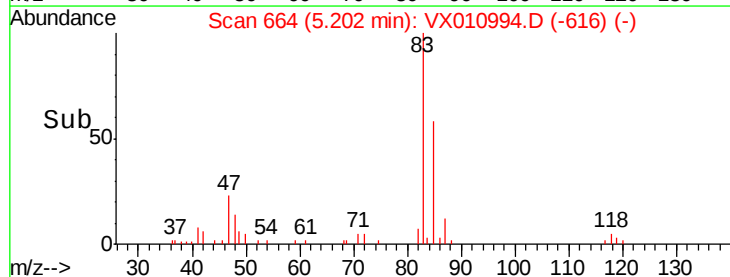
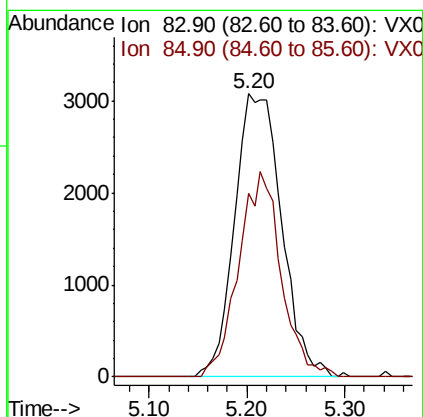
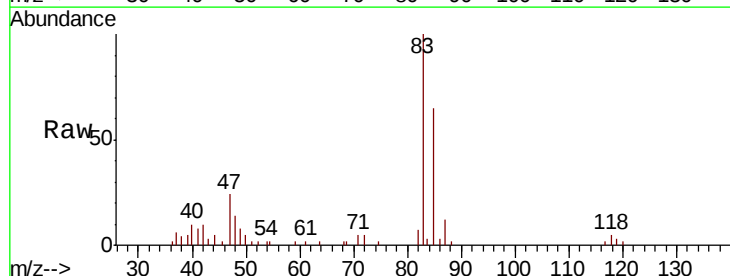
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

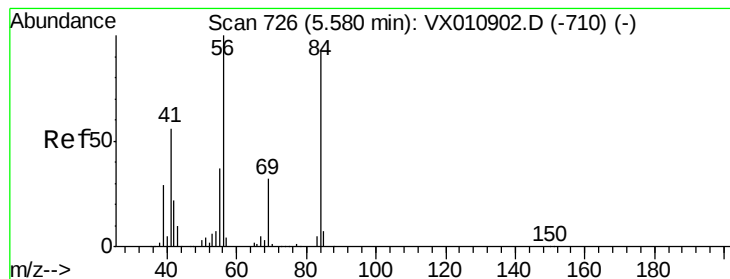
Tot Ion: 42 Resp: 11918
Ion Ratio Lower Upper
42 100
72 50.9 39.8 59.8
71 49.5 37.0 55.4



#30
Chloroform
Concen: 2.326 ug/l
RT: 5.20 min Scan# 664
Delta R.T. -0.01 min
Lab File: VX010994.D
Acq: 19 Jul 2019 11:57

Tgt Ion: 83 Resp: 10247
Ion Ratio Lower Upper
83 100
85 64.7 51.4 77.0





#31

Cyclohexane

Concen: 2.285 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX010994.D

Acq: 19 Jul 2019 11:57

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

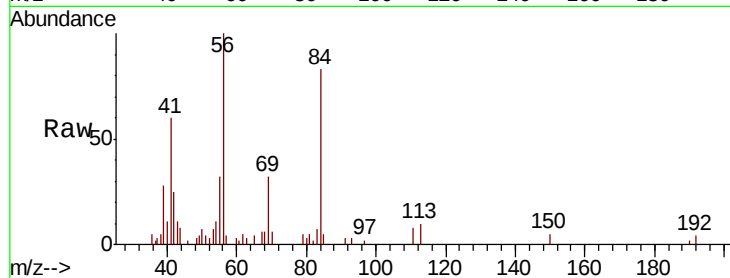
Tot Ion: 56 Resp: 8490

Ion Ratio Lower Upper

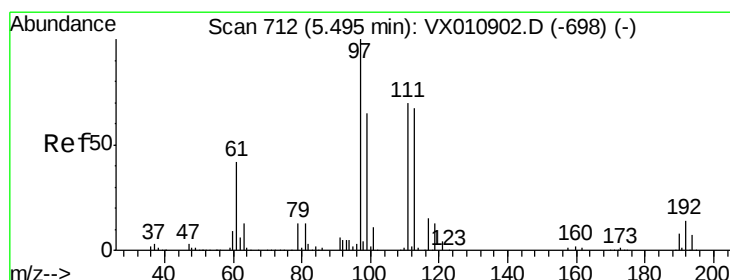
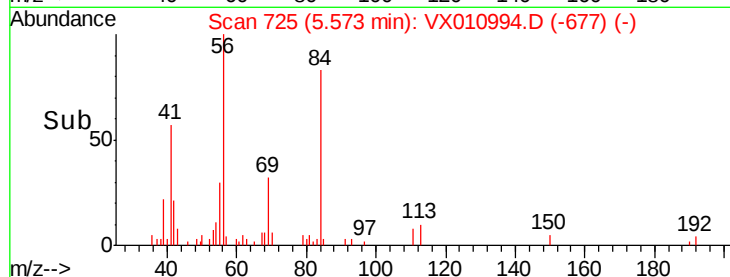
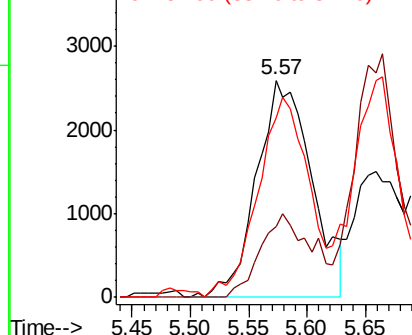
56 100

69 32.4 25.8 38.8

84 80.2 73.8 110.6



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 2.158 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX010994.D

Acq: 19 Jul 2019 11:57

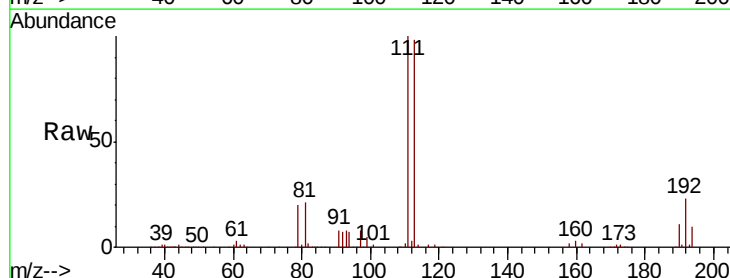
Tgt Ion: 97 Resp: 8224

Ion Ratio Lower Upper

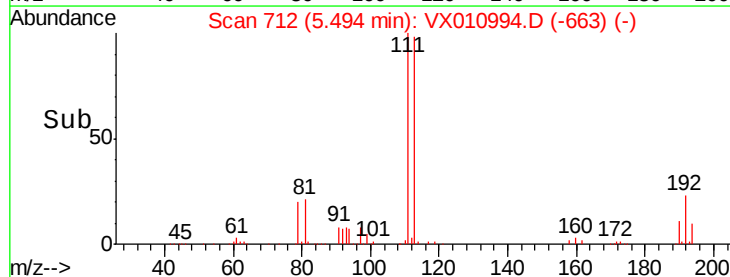
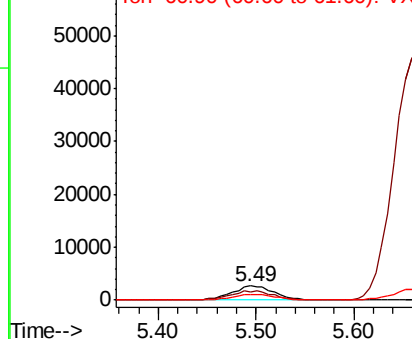
97 100

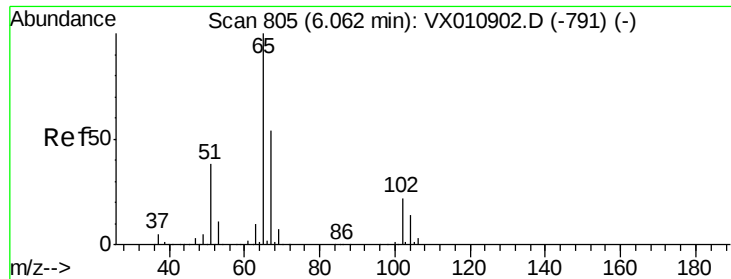
99 64.8 51.4 77.0

61 42.5 33.0 49.6



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 44.485 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX010994.D

Acq: 19 Jul 2019 11:57

Instrument :

MSVOA_X

ClientSampleId :

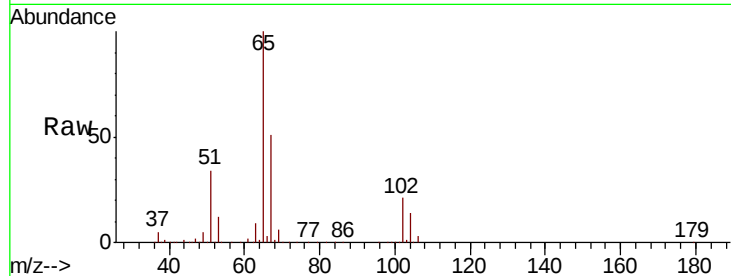
LOD-MDL-WATER-01-QT3-2019

Tot Ion: 65 Resp: 121714

Ion Ratio Lower Upper

65 100

67 52.0 0.0 107.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

50000

40000

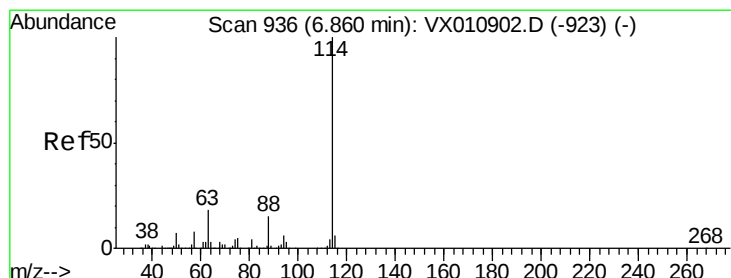
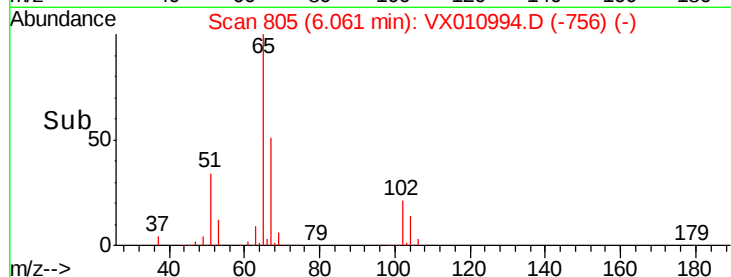
30000

20000

10000

0

Time--> 5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX010994.D

Acq: 19 Jul 2019 11:57

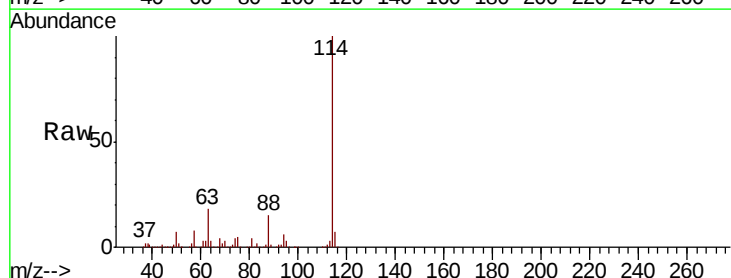
Tgt Ion: 114 Resp: 383531

Ion Ratio Lower Upper

114 100

63 17.5 0.0 35.6

88 15.3 0.0 29.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

200000

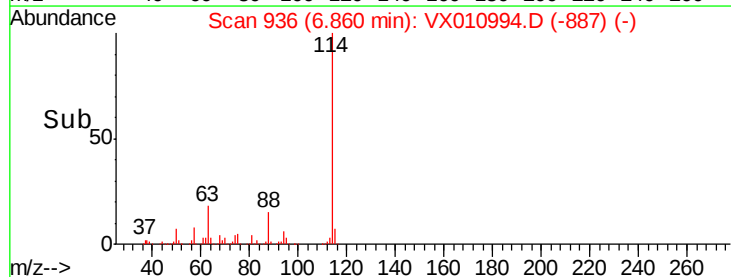
150000

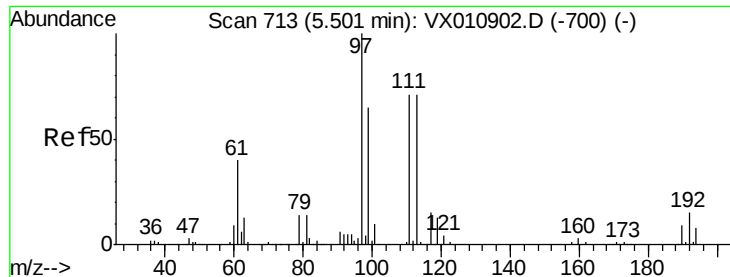
100000

50000

0

Time--> 6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 43.270 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX010994.D

Acq: 19 Jul 2019 11:57

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

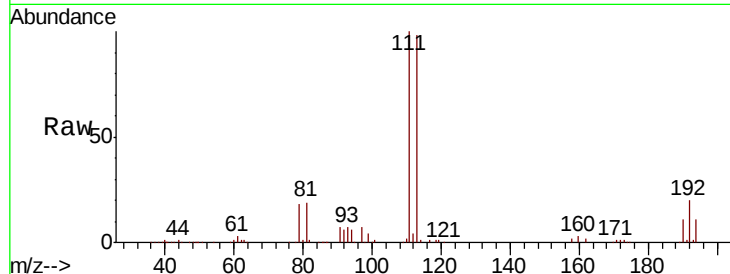
Tot Ion:113 Resp: 105335

Ion Ratio Lower Upper

113 100

111 102.2 82.3 123.5

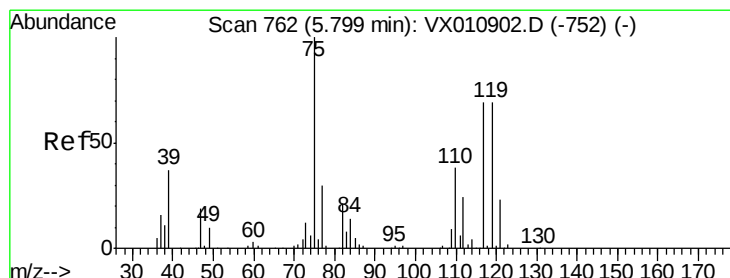
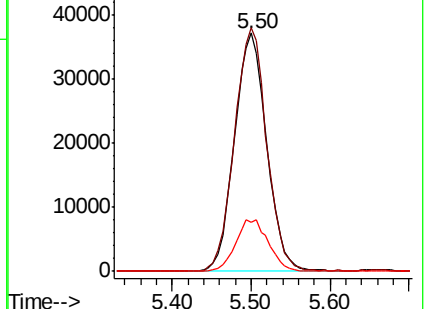
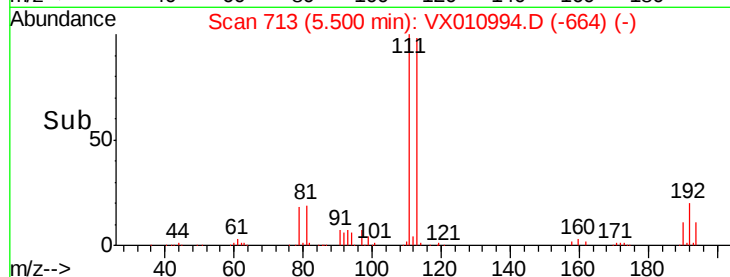
192 22.2 17.4 26.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 2.326 ug/l

RT: 5.81 min Scan# 763

Delta R.T. 0.01 min

Lab File: VX010994.D

Acq: 19 Jul 2019 11:57

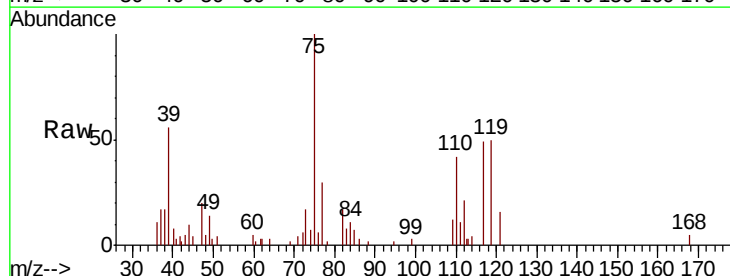
Tgt Ion: 75 Resp: 7327

Ion Ratio Lower Upper

75 100

110 38.4 19.9 59.7

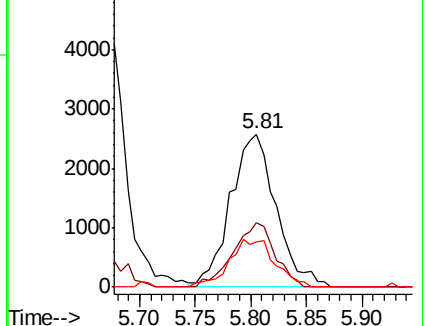
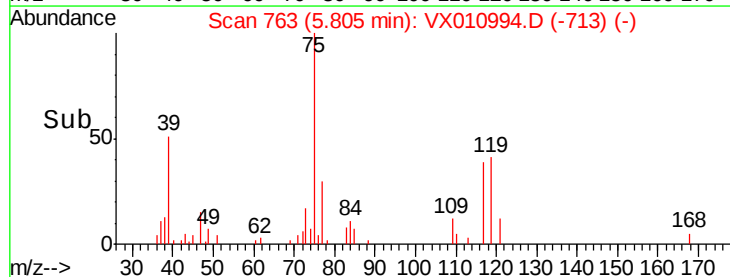
77 30.8 25.0 37.4

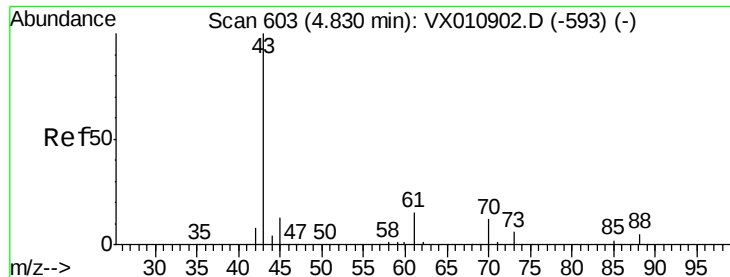


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

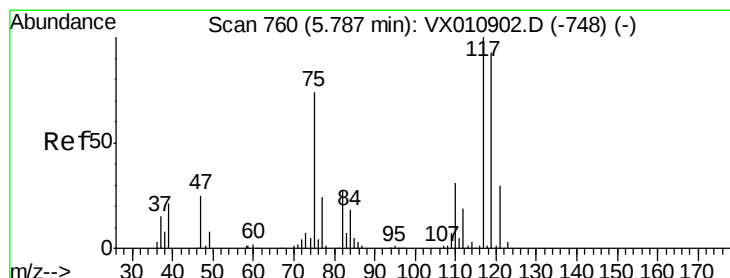
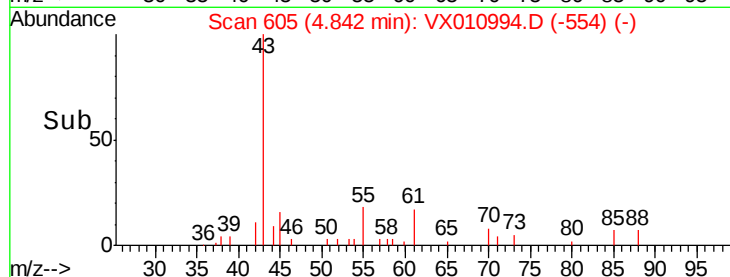
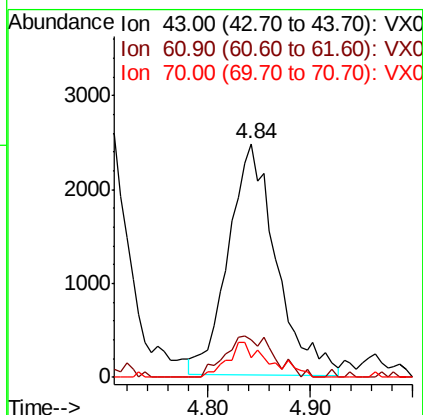
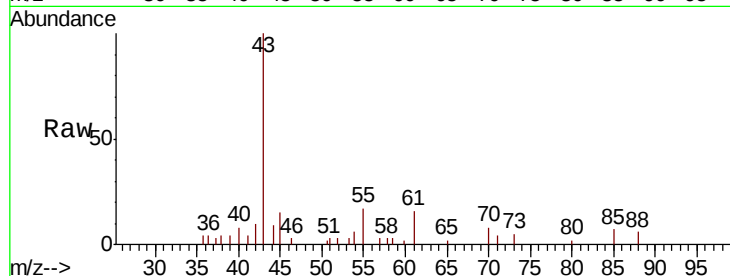




#37
Ethyl Acetate
Concen: 2.496 ug/l
RT: 4.84 min Scan# 605
Delta R.T. 0.01 min
Lab File: VX010994.D
Acq: 19 Jul 2019 11:57

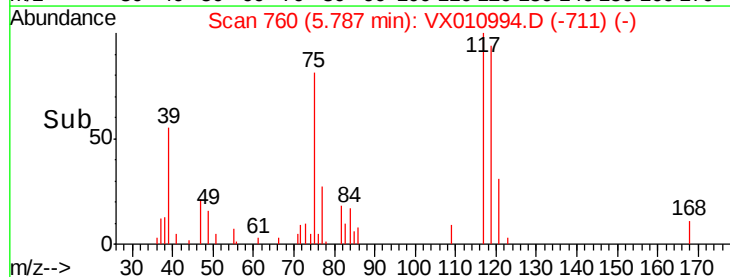
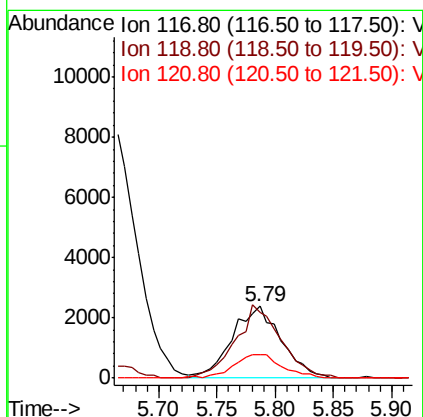
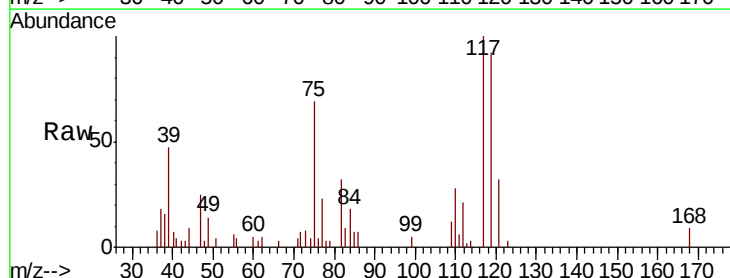
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

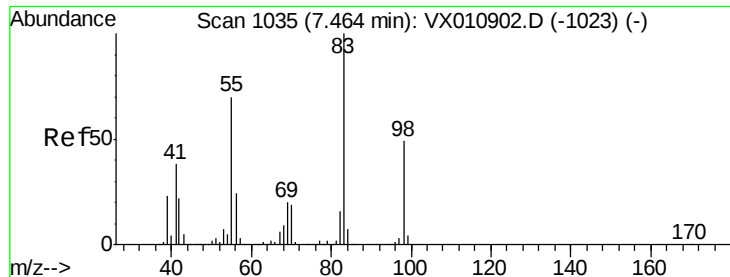
Tot Ion: 43 Resp: 8051
Ion Ratio Lower Upper
43 100
61 18.1 11.6 17.4#
70 11.1 9.1 13.7



#38
Carbon Tetrachloride
Concen: 2.125 ug/l
RT: 5.79 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX010994.D
Acq: 19 Jul 2019 11:57

Tgt Ion: 117 Resp: 6977
Ion Ratio Lower Upper
117 100
119 92.1 74.2 111.2
121 31.8 24.2 36.2

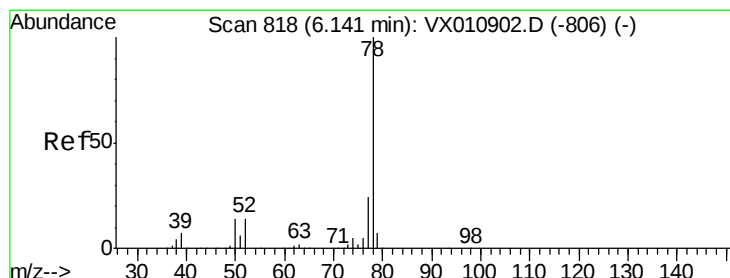
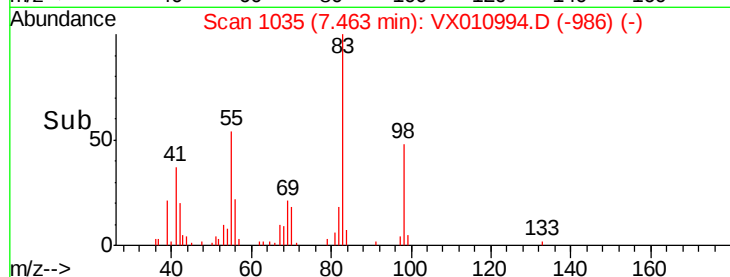
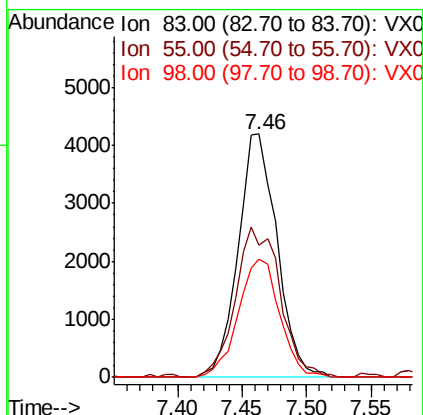
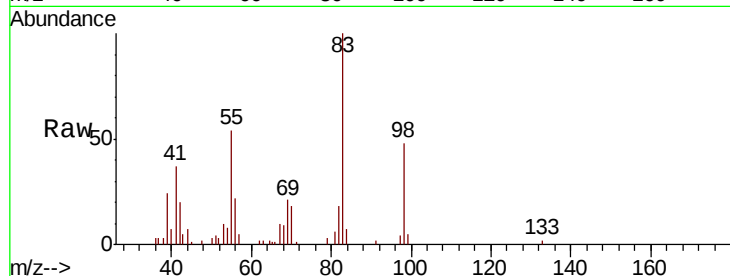




#39
Methvlcvclohexane
Concen: 2.147 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX010994.D
Acq: 19 Jul 2019 11:57

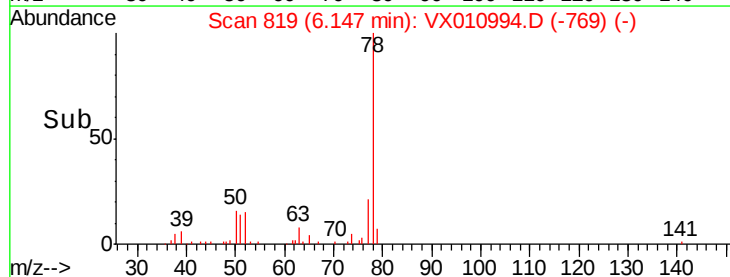
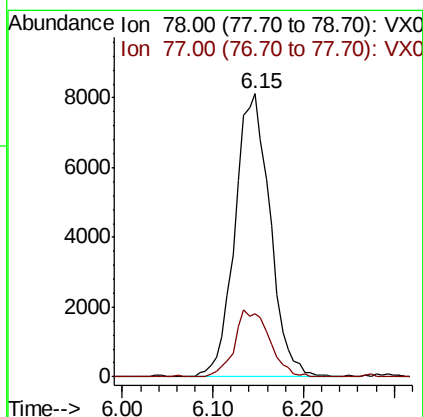
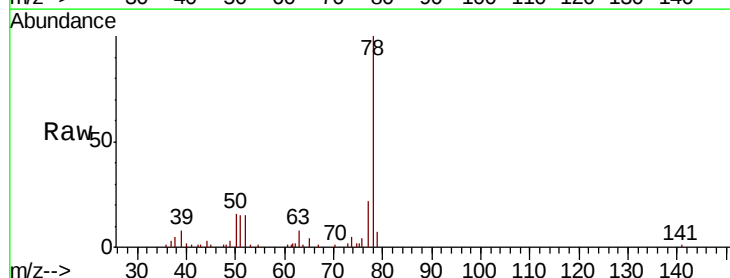
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

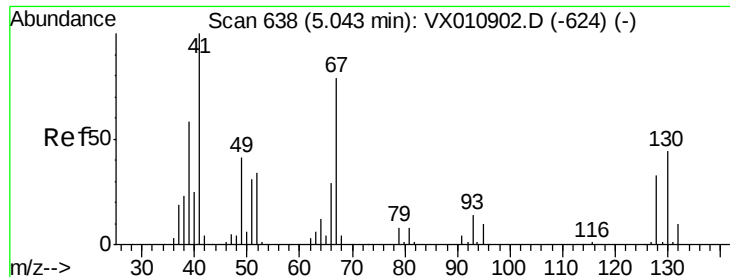
Tot Ion: 83 Resp: 8773
Ion Ratio Lower Upper
83 100
55 54.4 56.2 84.4#
98 48.5 39.0 58.4



#40
Benzene
Concen: 2.261 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX010994.D
Acq: 19 Jul 2019 11:57

Tgt Ion: 78 Resp: 21823
Ion Ratio Lower Upper
78 100
77 22.2 19.0 28.6





#41

Methacrylonitrile

Concen: 2.401 ug/l

RT: 5.05 min Scan# 639

Delta R.T. 0.01 min

Lab File: VX010994.D

Acq: 19 Jul 2019 11:57

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

Tot Ion: 41 Resp: 4396

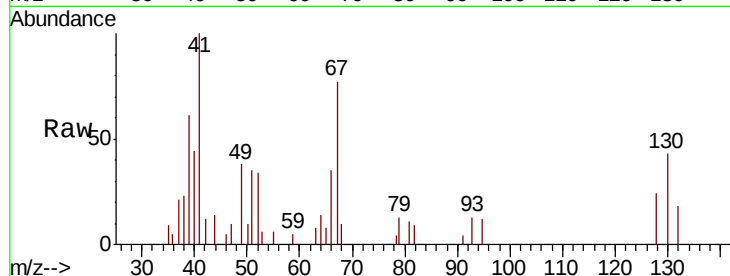
Ion Ratio Lower Upper

41 100

39 48.2 45.4 68.2

67 76.5 65.9 98.9

52 29.6 26.2 39.2

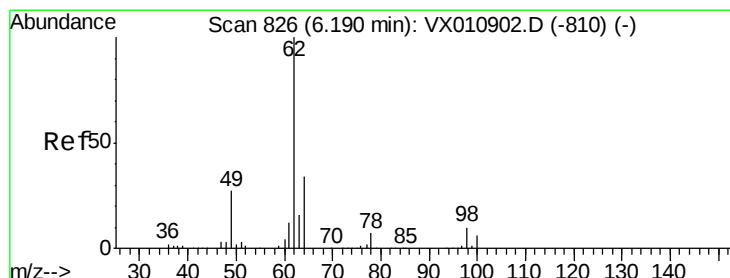
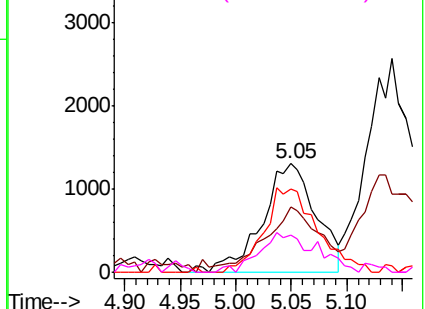
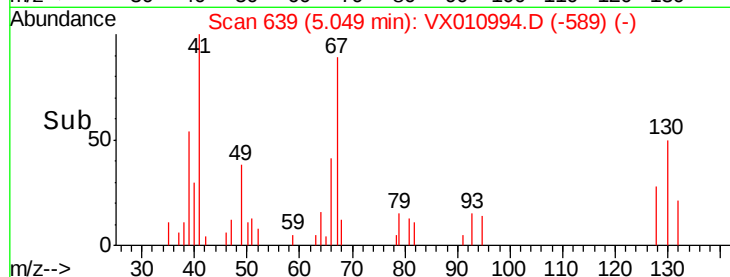


Abundance Ion 41.00 (40.70 to 41.70): VX0

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



#42

1,2-Dichloroethane

Concen: 2.350 ug/l

RT: 6.19 min Scan# 826

Delta R.T. -0.00 min

Lab File: VX010994.D

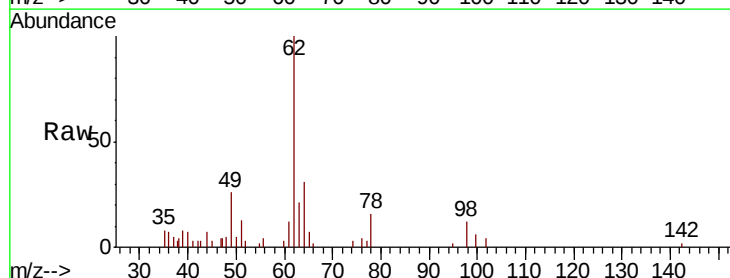
Acq: 19 Jul 2019 11:57

Tgt Ion: 62 Resp: 7884

Ion Ratio Lower Upper

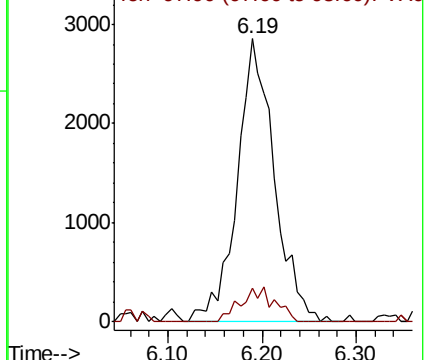
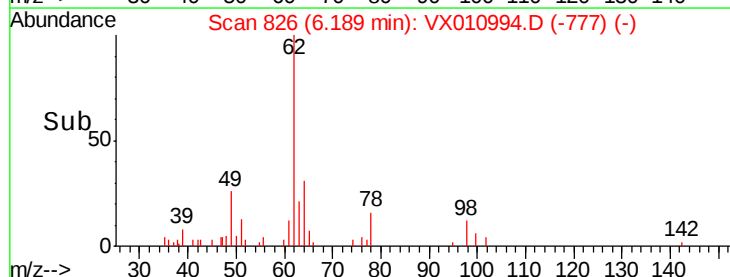
62 100

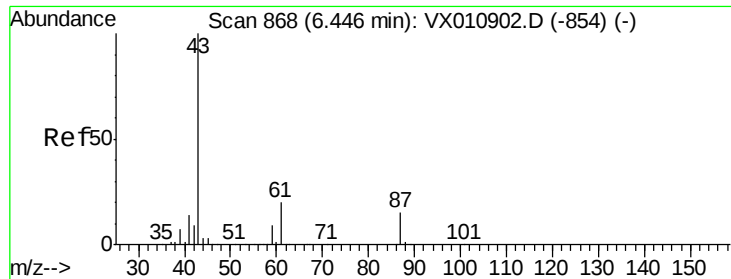
98 11.1 0.0 20.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 2.147 ug/l

RT: 6.45 min Scan# 869

Delta R.T. 0.01 min

Lab File: VX010994.D

Acq: 19 Jul 2019 11:57

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

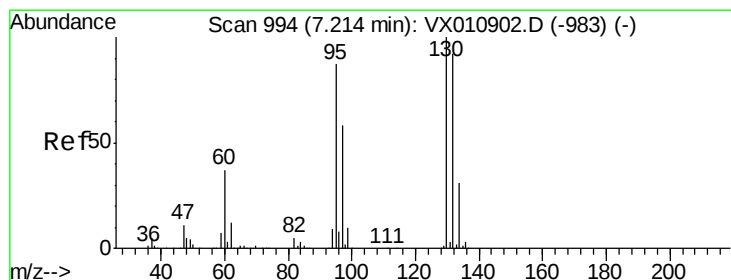
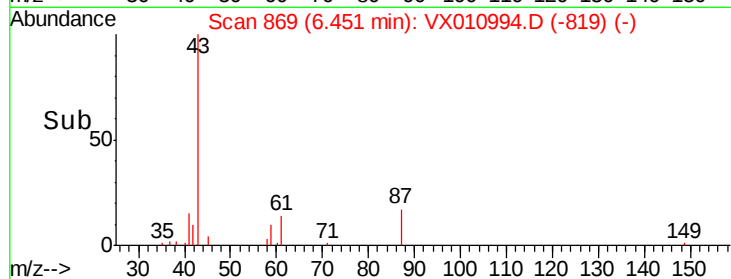
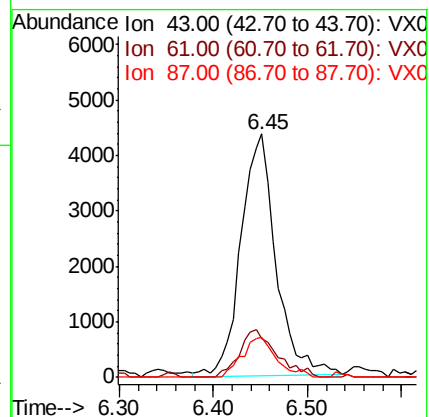
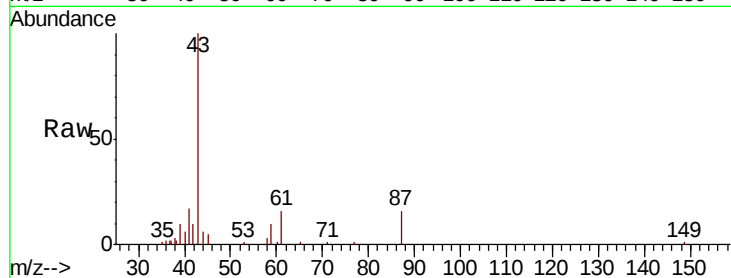
Tot Ion: 43 Resp: 11389

Ion Ratio Lower Upper

43 100

61 20.7 17.1 25.7

87 16.2 12.0 18.0



#44

Trichloroethene

Concen: 2.281 ug/l

RT: 7.22 min Scan# 995

Delta R.T. 0.01 min

Lab File: VX010994.D

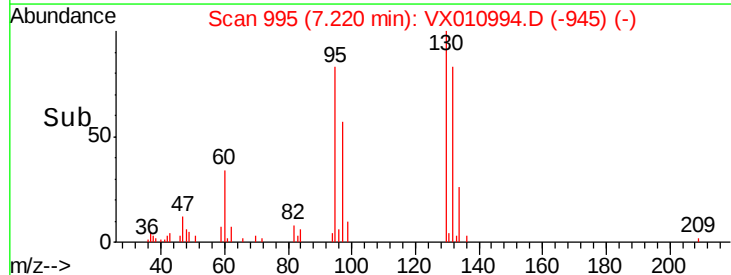
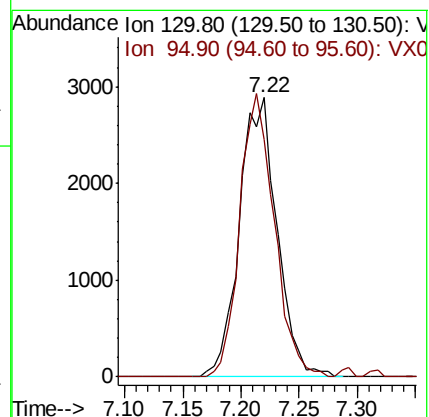
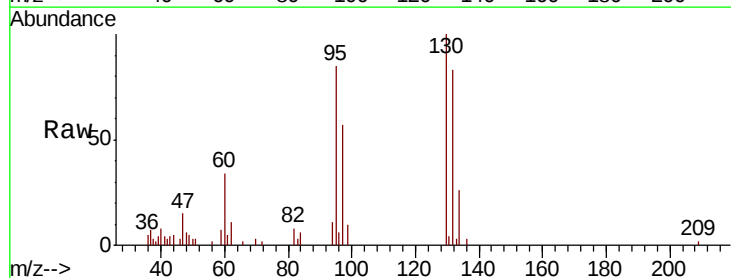
Acq: 19 Jul 2019 11:57

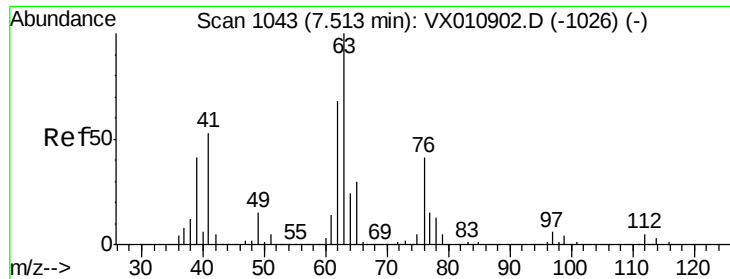
Tgt Ion:130 Resp: 6515

Ion Ratio Lower Upper

130 100

95 84.9 0.0 174.8





#45

1,2-Dichloropropane

Concen: 2.433 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX010994.D

Acq: 19 Jul 2019 11:57

Instrument :

MSVOA_X

ClientSampleId :

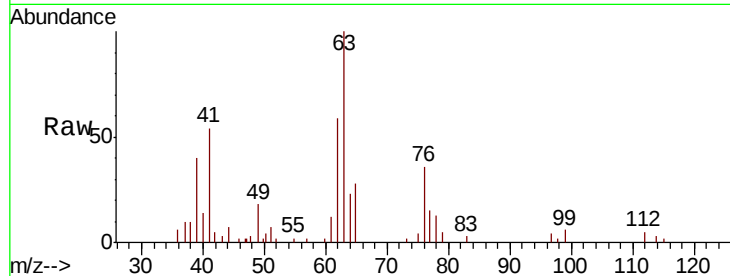
LOD-MDL-WATER-01-QT3-2019

Tot Ion: 63 Resp: 5975

Ion Ratio Lower Upper

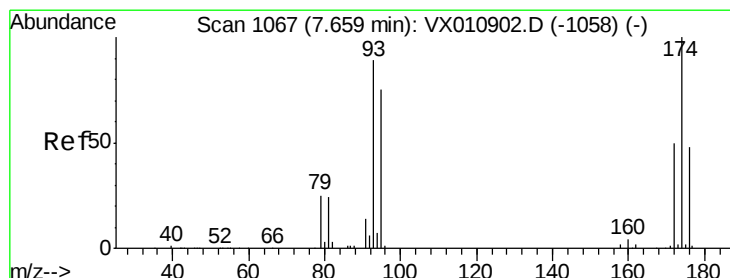
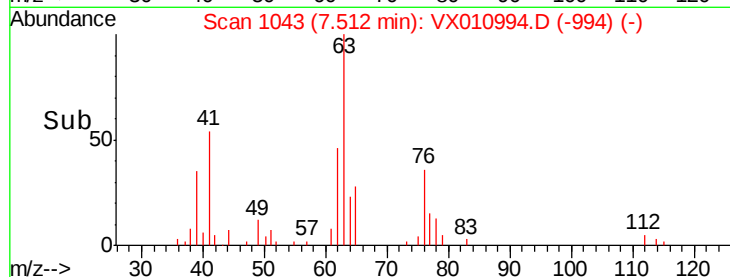
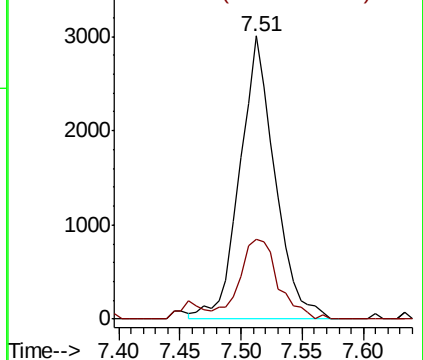
63 100

65 28.1 24.4 36.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 2.338 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX010994.D

Acq: 19 Jul 2019 11:57

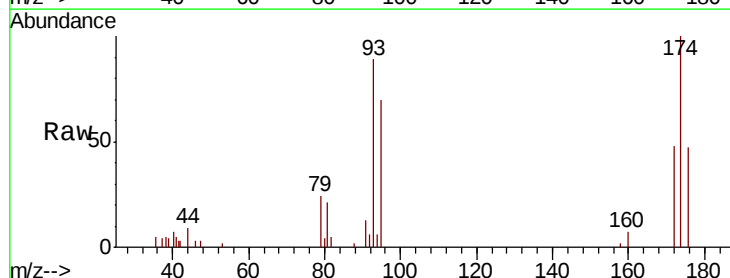
Tgt Ion: 93 Resp: 4103

Ion Ratio Lower Upper

93 100

95 80.1 67.2 100.8

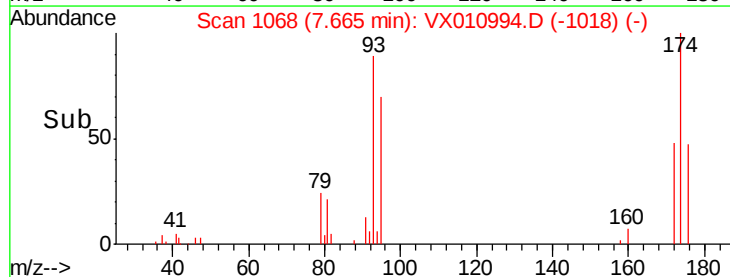
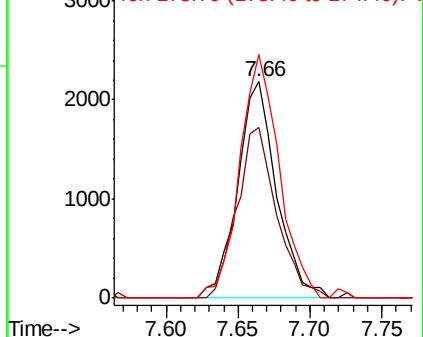
174 113.5 90.6 135.8

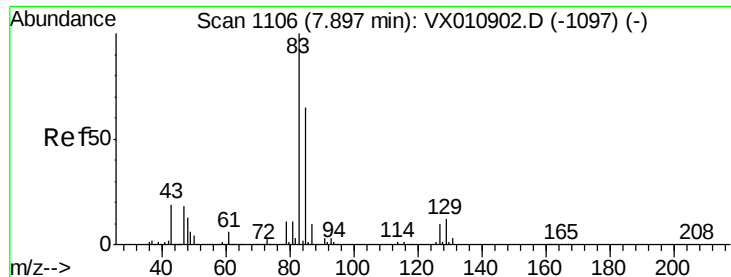


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 2.025 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.01 min

Lab File: VX010994.D

Acq: 19 Jul 2019 11:57

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

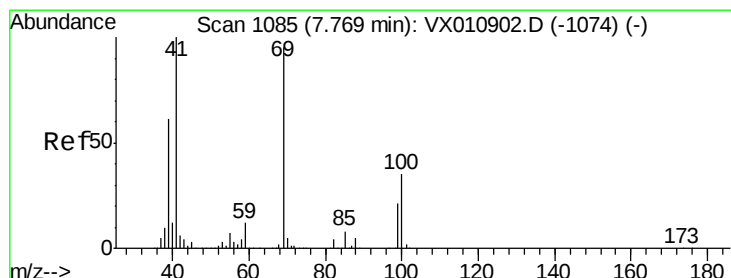
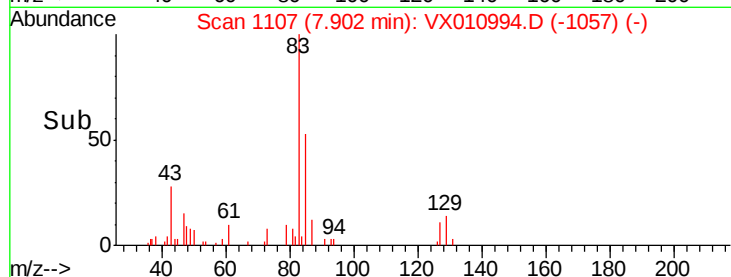
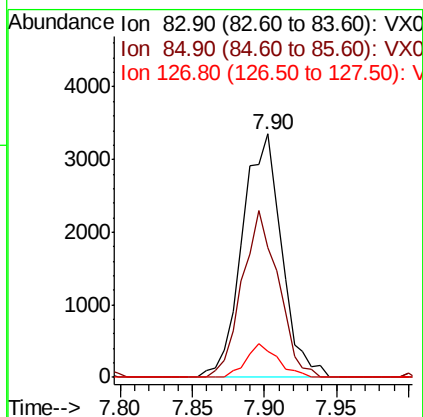
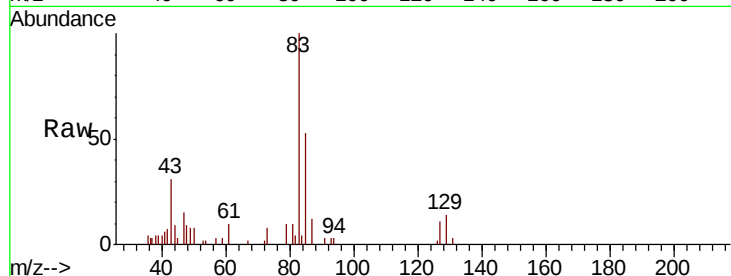
Tot Ion: 83 Resp: 6327

Ion Ratio Lower Upper

83 100

85 53.3 52.5 78.7

127 10.9 7.8 11.8



#48

Methyl methacrylate

Concen: 2.226 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX010994.D

Acq: 19 Jul 2019 11:57

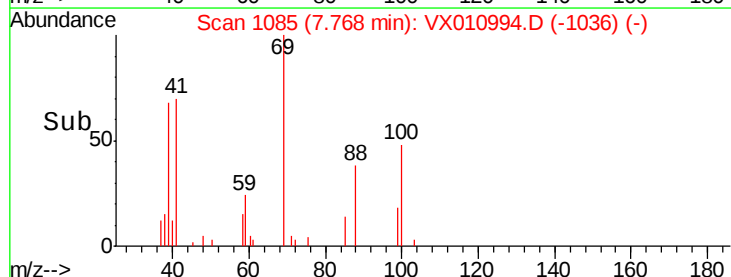
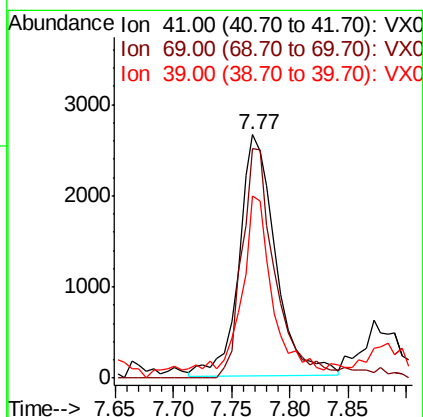
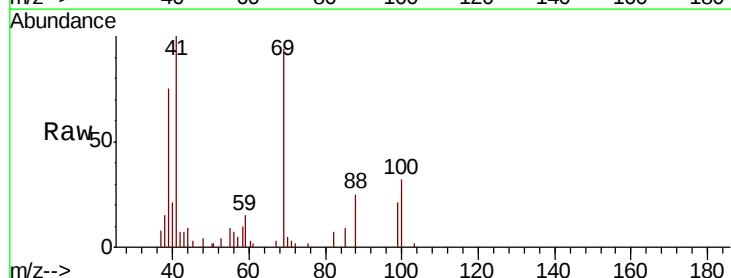
Tgt Ion: 41 Resp: 5751

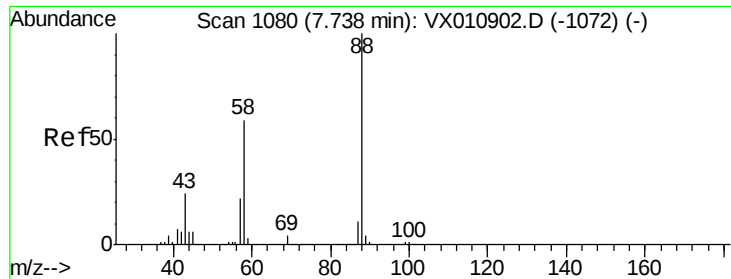
Ion Ratio Lower Upper

41 100

69 86.6 74.4 111.6

39 64.3 48.9 73.3

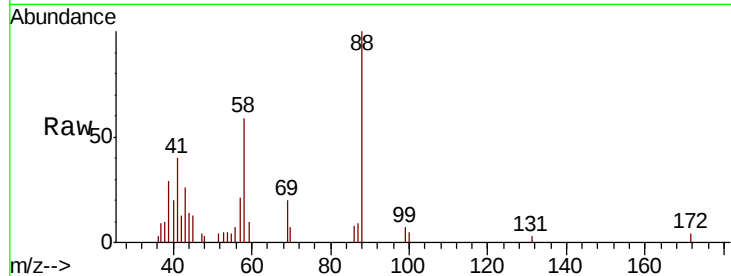




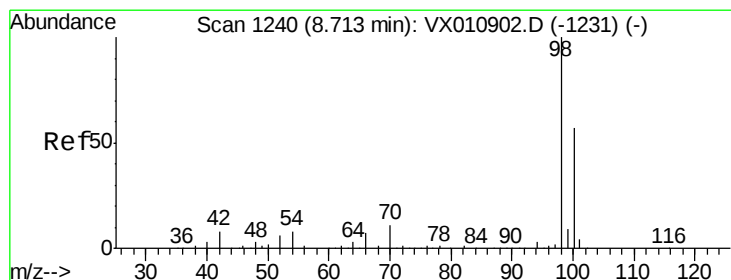
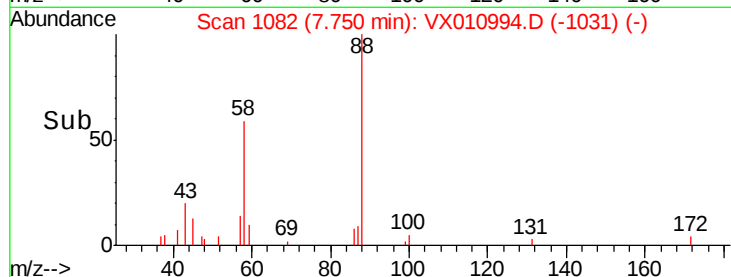
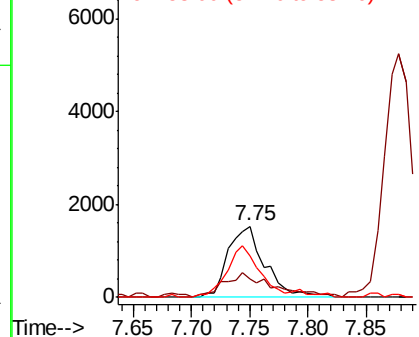
#49
1,4-Dioxane
Concen: 46.624 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.01 min
Lab File: VX010994.D
Acq: 19 Jul 2019 11:57

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Tot Ion: 88 Resp: 3370
Ion Ratio Lower Upper
88 100
43 46.1 22.9 34.3#
58 63.6 49.8 74.8

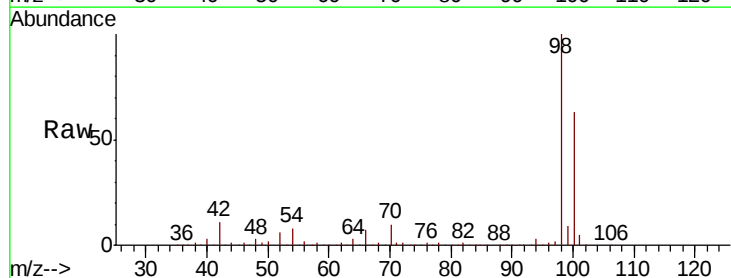


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

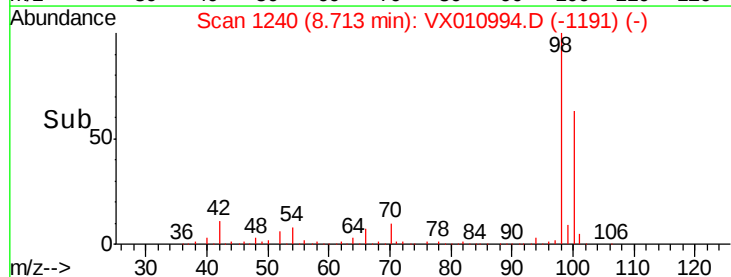
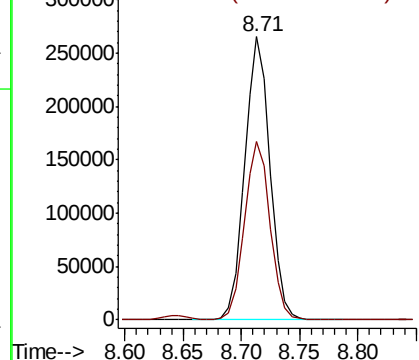


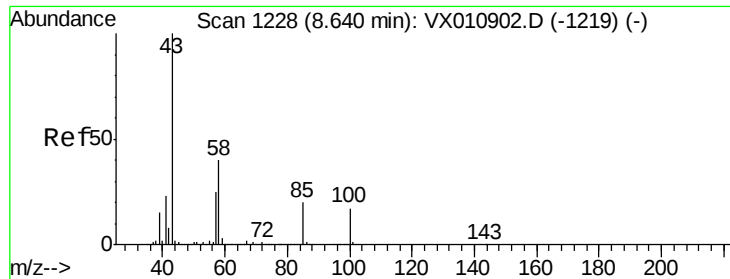
#50
Toluene-d8
Concen: 43.930 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX010994.D
Acq: 19 Jul 2019 11:57

Tgt Ion: 98 Resp: 401098
Ion Ratio Lower Upper
98 100
100 63.6 50.6 75.8



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V

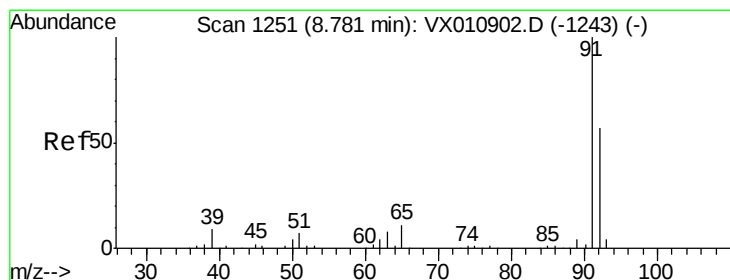
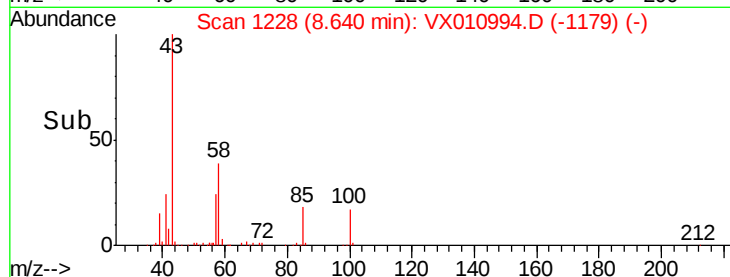
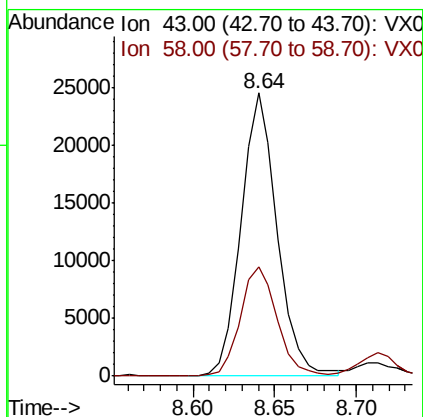
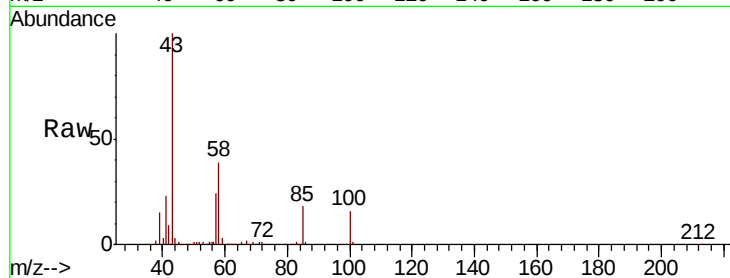




#51
 4-Methyl-2-Pentanone
 Concen: 10.877 ug/l
 RT: 8.64 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: VX010994.D
 Acq: 19 Jul 2019 11:57

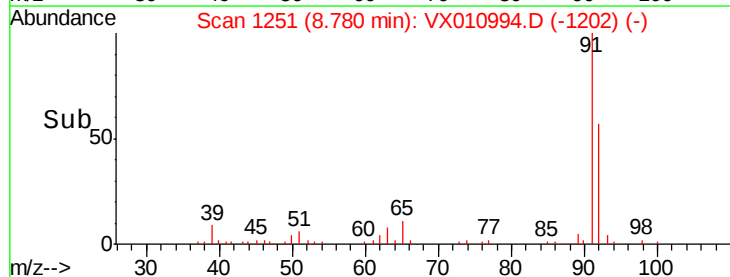
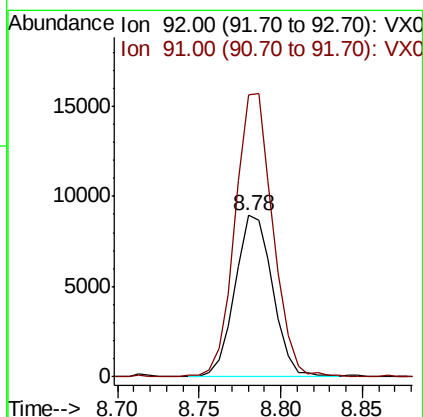
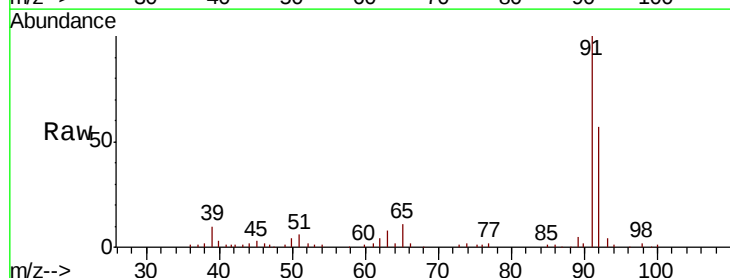
Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2019

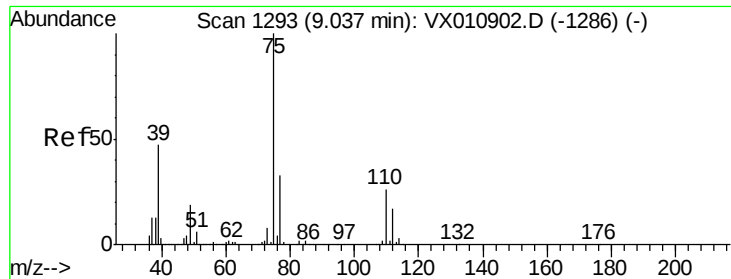
Tot Ion: 43 Resp: 37400
 Ion Ratio Lower Upper
 43 100
 58 39.8 32.2 48.4



#52
 Toluene
 Concen: 2.265 ug/l
 RT: 8.78 min Scan# 1251
 Delta R.T. -0.00 min
 Lab File: VX010994.D
 Acq: 19 Jul 2019 11:57

Tgt Ion: 92 Resp: 14358
 Ion Ratio Lower Upper
 92 100
 91 176.3 139.4 209.0

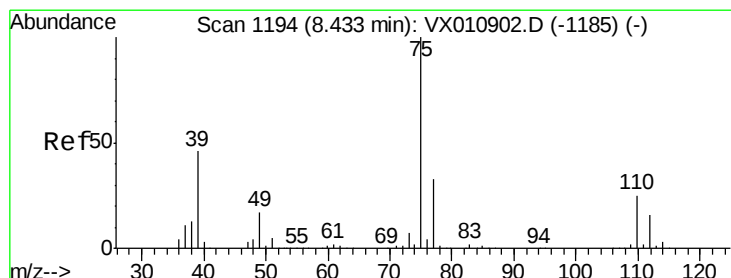
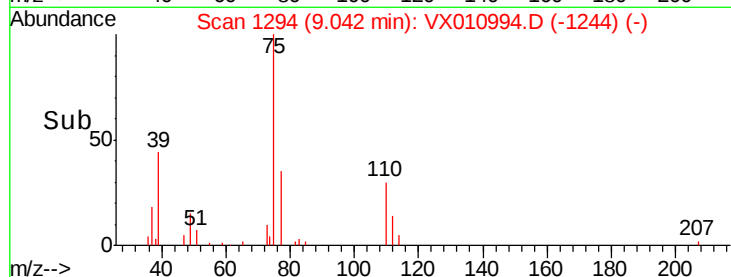
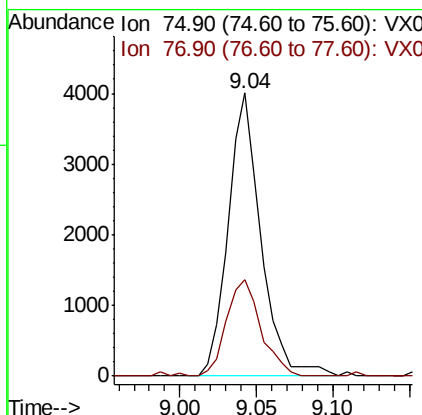
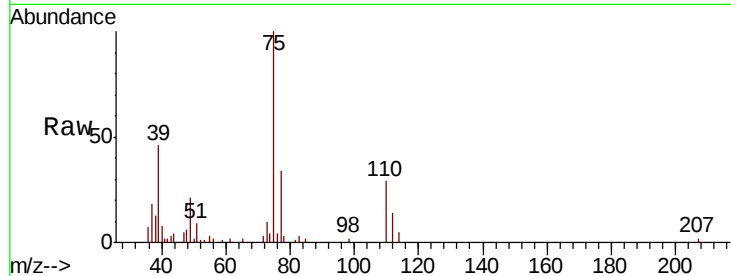




#53
 t-1,3-Dichloropropene
 Concen: 1.769 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. 0.01 min
 Lab File: VX010994.D
 Acq: 19 Jul 2019 11:57

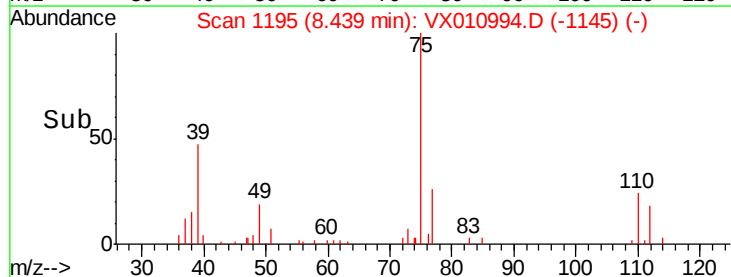
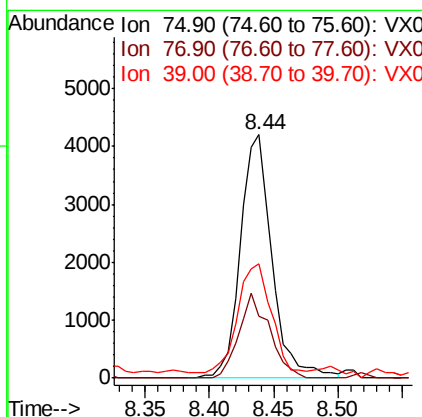
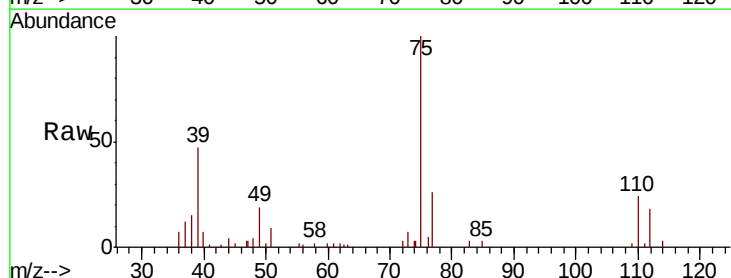
Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2019

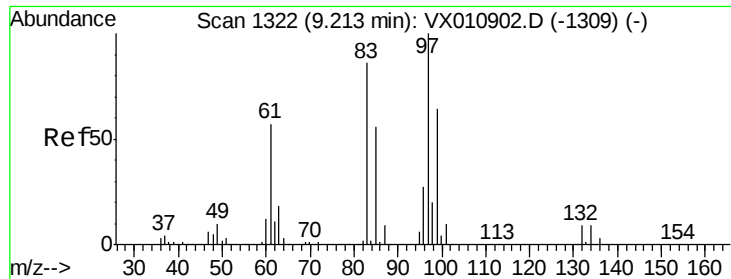
Tot Ion: 75 Resp: 5944
 Ion Ratio Lower Upper
 75 100
 77 34.0 26.2 39.2



#54
 cis-1,3-Dichloropropene
 Concen: 1.899 ug/l
 RT: 8.44 min Scan# 1195
 Delta R.T. 0.01 min
 Lab File: VX010994.D
 Acq: 19 Jul 2019 11:57

Tgt Ion: 75 Resp: 7100
 Ion Ratio Lower Upper
 75 100
 77 25.7 26.1 39.1#
 39 45.1 36.6 54.8





#55

1,1,2-Trichloroethane

Concen: 2.109 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX010994.D

Acq: 19 Jul 2019 11:57

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

Tot Ion: 97 Resp: 5505

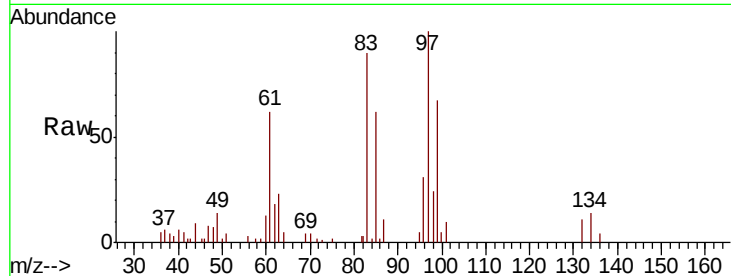
Ion Ratio Lower Upper

97 100

83 90.5 69.2 103.8

85 62.2 44.6 66.8

99 66.5 51.2 76.8

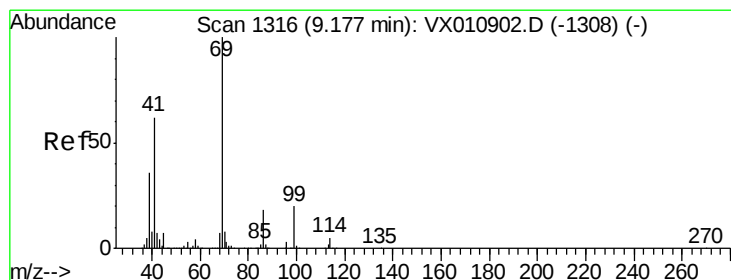
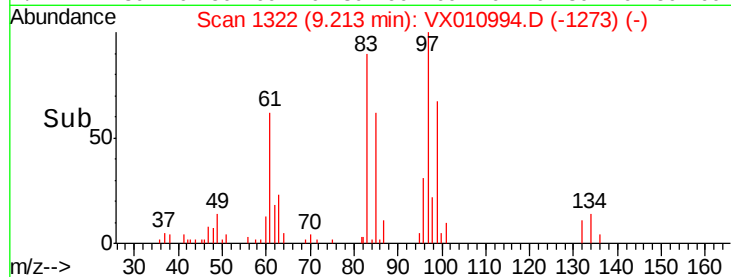
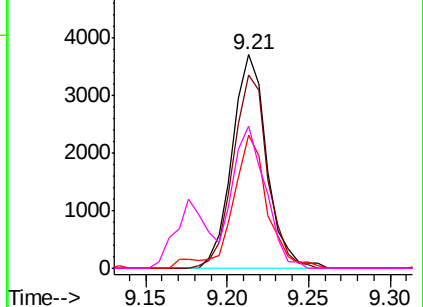


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 2.090 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX010994.D

Acq: 19 Jul 2019 11:57

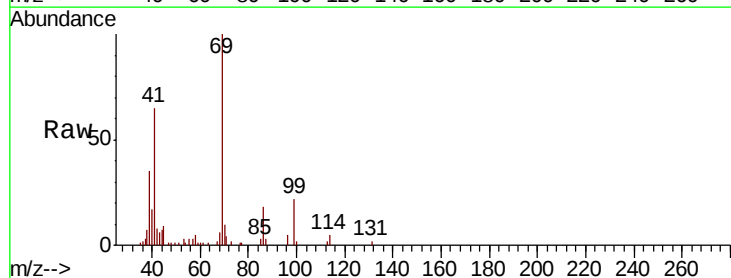
Tgt Ion: 69 Resp: 7979

Ion Ratio Lower Upper

69 100

41 71.0 49.7 74.5

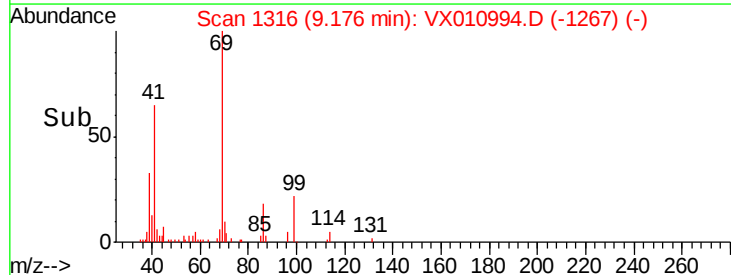
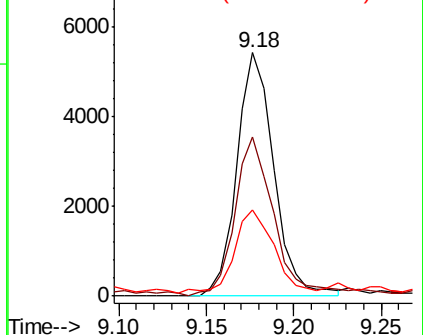
39 35.6 29.6 44.4

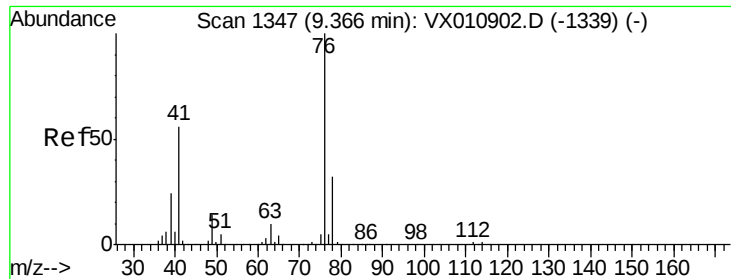


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 2.241 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.01 min

Lab File: VX010994.D

Acq: 19 Jul 2019 11:57

Instrument :

MSVOA_X

ClientSampleId :

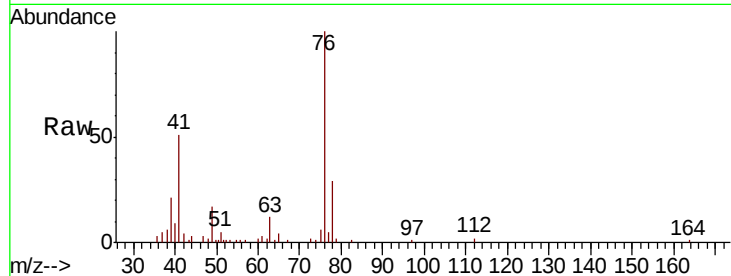
LOD-MDL-WATER-01-QT3-2019

Tot Ion: 76 Resp: 9280

Ion Ratio Lower Upper

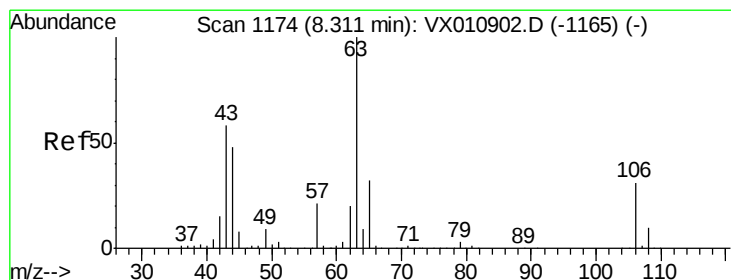
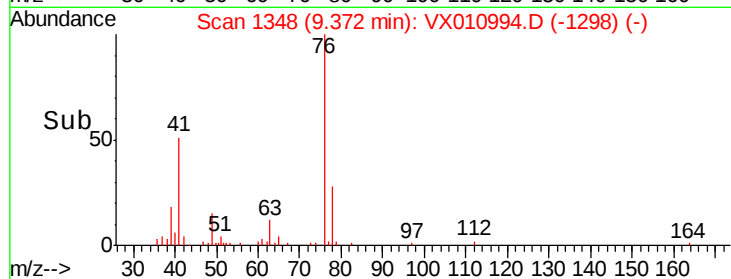
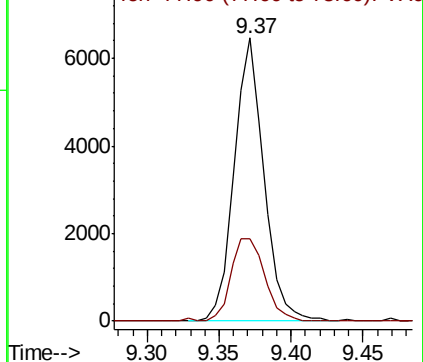
76 100

78 33.4 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 11.149 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX010994.D

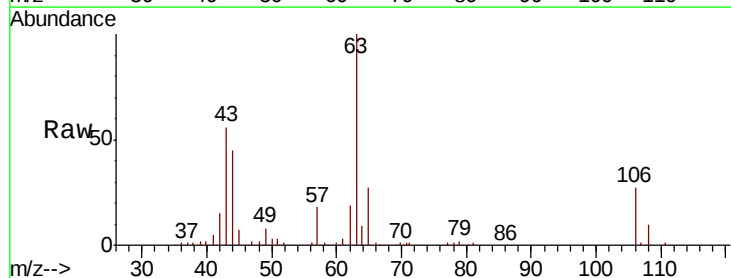
Acq: 19 Jul 2019 11:57

Tgt Ion: 63 Resp: 20321

Ion Ratio Lower Upper

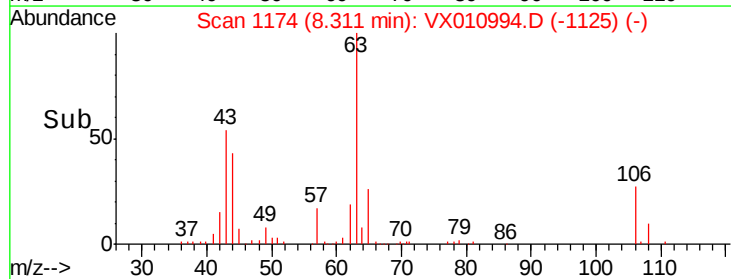
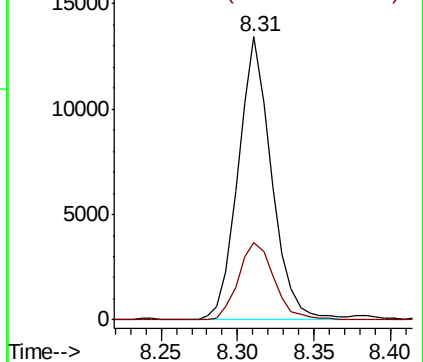
63 100

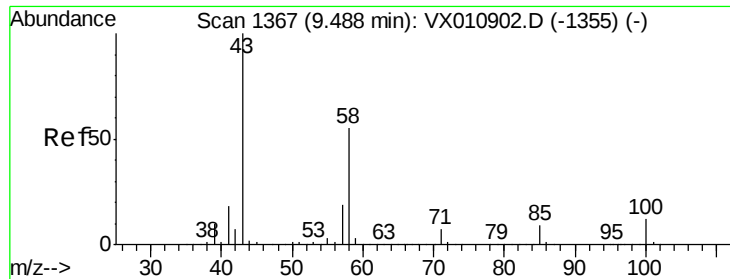
106 29.1 24.0 36.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

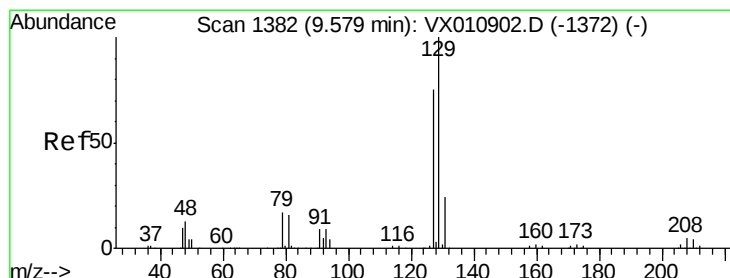
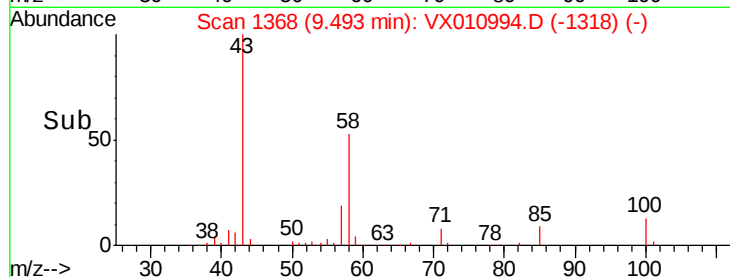
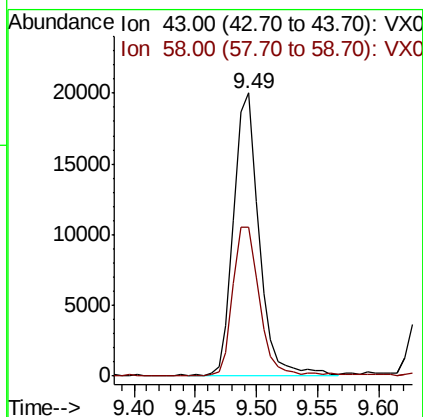
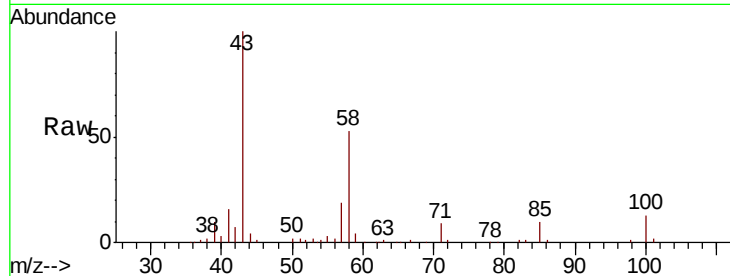




#59
2-Hexanone
Concen: 10.707 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.01 min
Lab File: VX010994.D
Acq: 19 Jul 2019 11:57

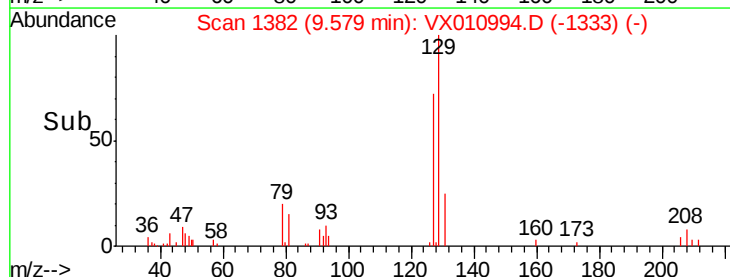
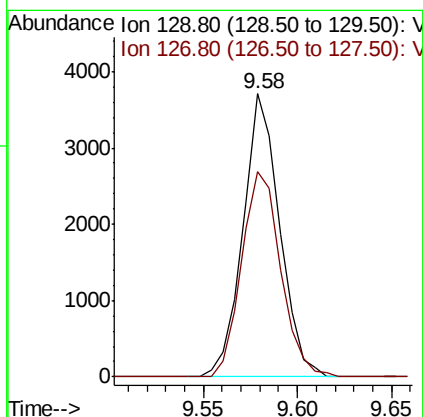
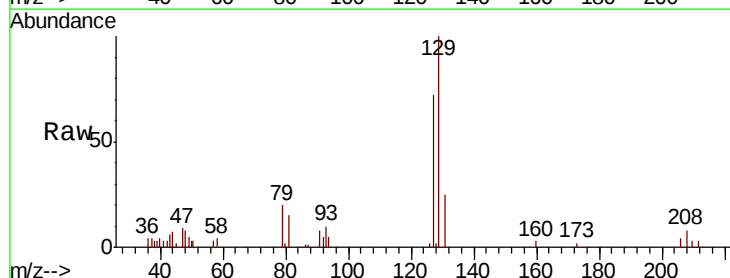
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Tot Ion: 43 Resp: 28554
Ion Ratio Lower Upper
43 100
58 55.7 28.0 83.9



#60
Dibromochloromethane
Concen: 4.109 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX010994.D
Acq: 19 Jul 2019 11:57

Tgt Ion:129 Resp: 5002
Ion Ratio Lower Upper
129 100
127 77.0 38.6 115.8

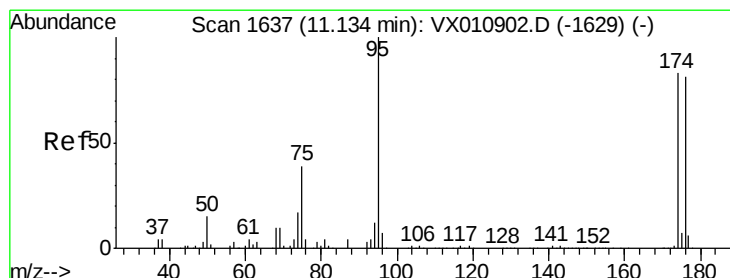
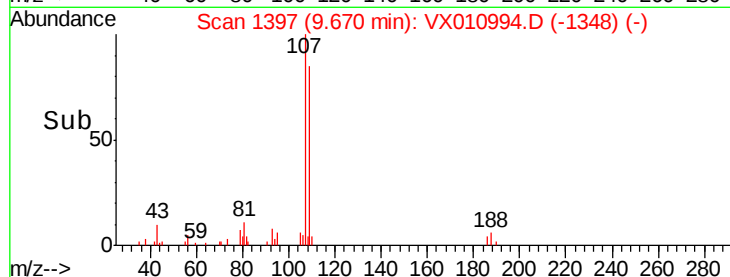
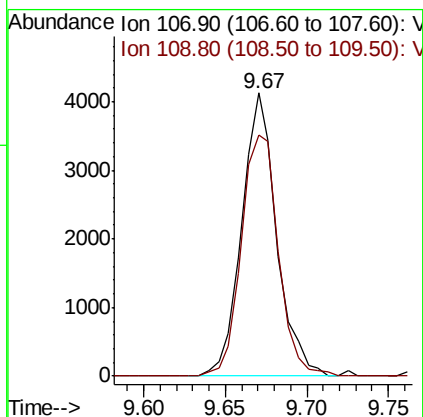
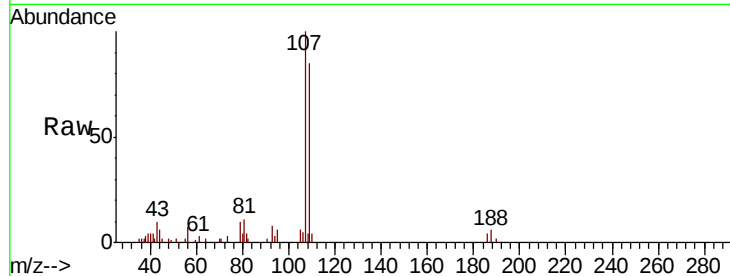




#61
 1,2-Dibromoethane
 Concen: 2.213 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: VX010994.D
 Acq: 19 Jul 2019 11:57

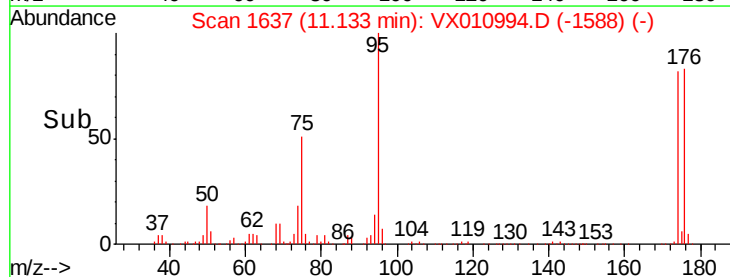
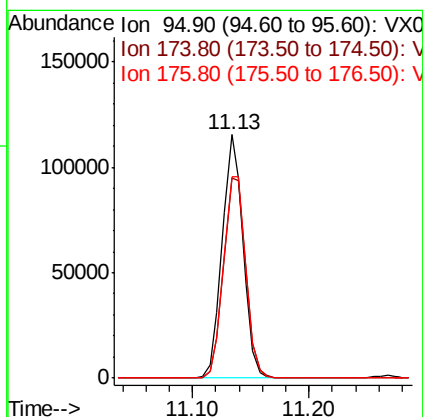
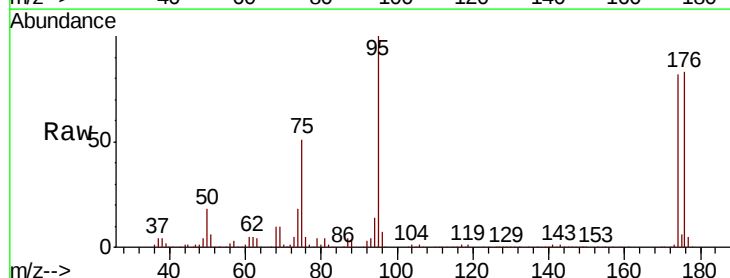
Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2019

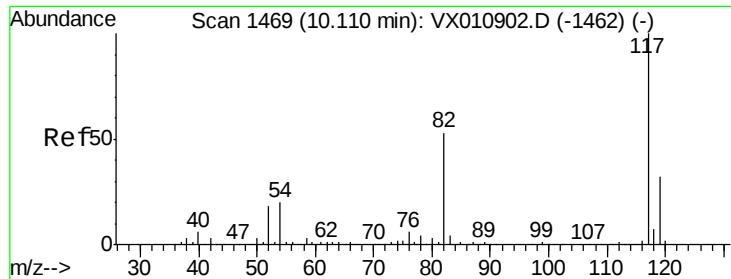
Tot Ion: 107 Resp: 6130
 Ion Ratio Lower Upper
 107 100
 109 90.7 75.4 113.0



#62
 4-Bromofluorobenzene
 Concen: 42.501 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.00 min
 Lab File: VX010994.D
 Acq: 19 Jul 2019 11:57

Tgt Ion: 95 Resp: 142636
 Ion Ratio Lower Upper
 95 100
 174 88.0 0.0 180.6
 176 88.6 0.0 173.8

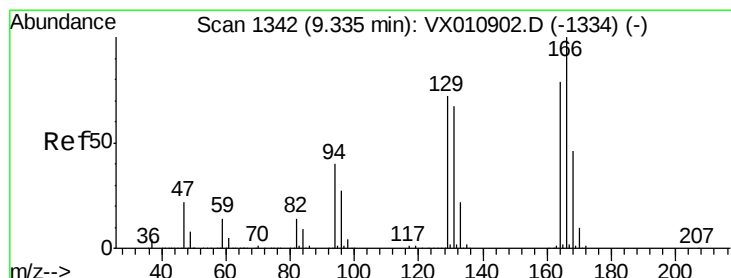
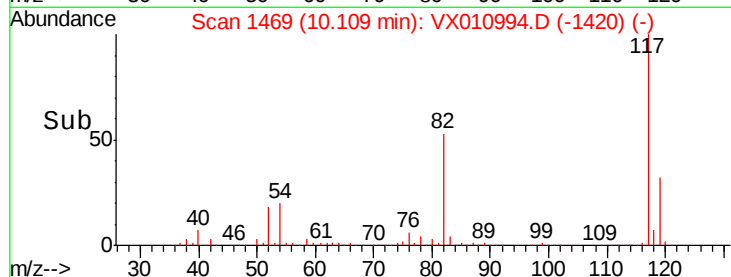
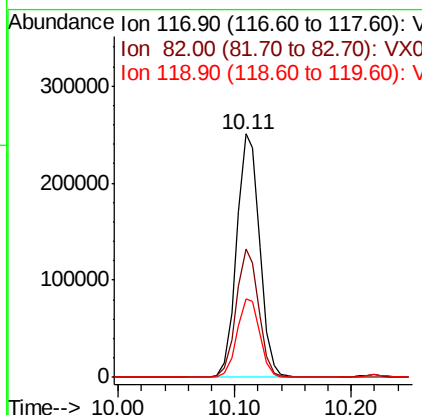
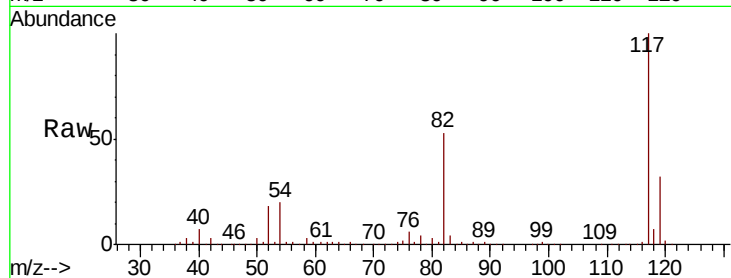




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010994.D
Acq: 19 Jul 2019 11:57

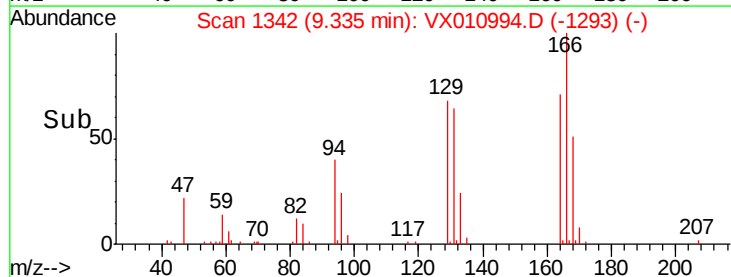
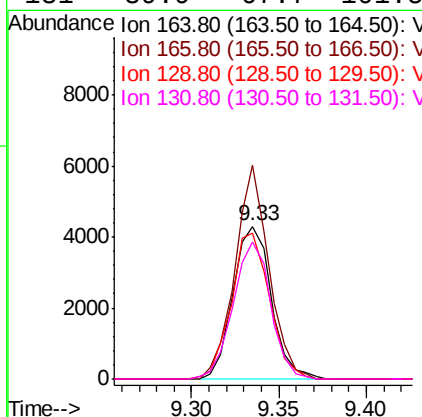
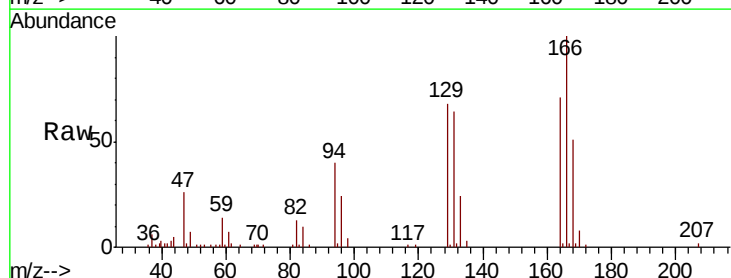
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

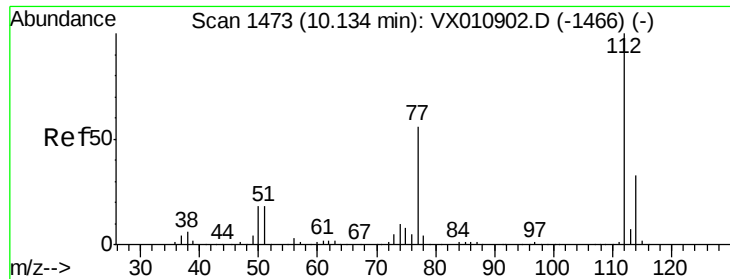
Tot Ion:117 Resp: 343906
Ion Ratio Lower Upper
117 100
82 52.6 42.6 63.8
119 32.1 25.9 38.9



#64
Tetrachloroethene
Concen: 2.414 ug/l
RT: 9.33 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX010994.D
Acq: 19 Jul 2019 11:57

Tgt Ion:164 Resp: 6531
Ion Ratio Lower Upper
164 100
166 140.1 100.8 151.2
129 95.4 72.6 109.0
131 89.9 67.7 101.5

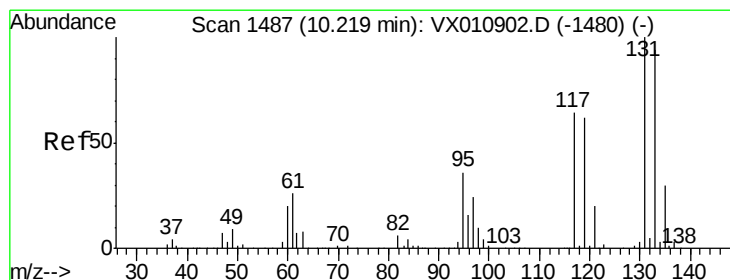
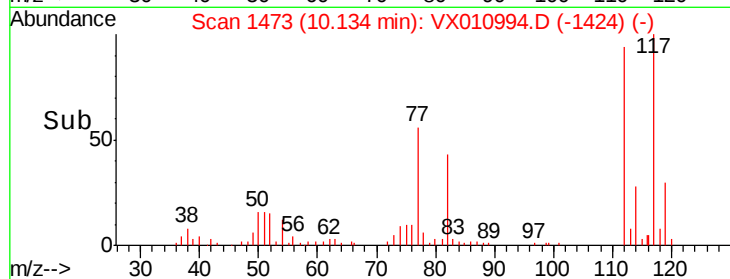
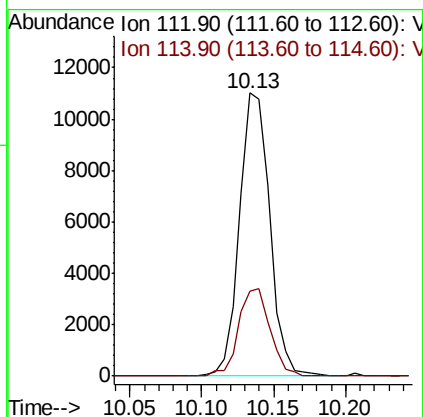
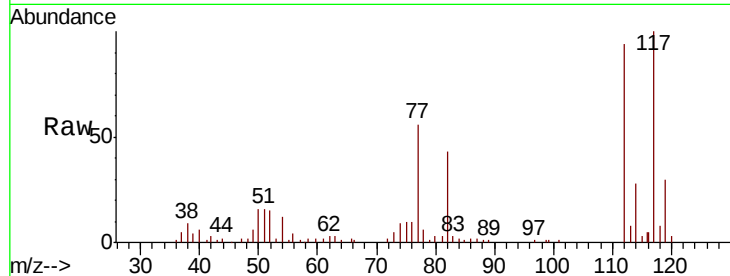




#65
Chlorobenzene
Concen: 2.276 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX010994.D
Acq: 19 Jul 2019 11:57

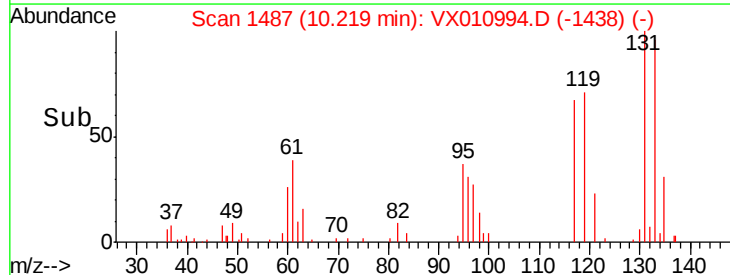
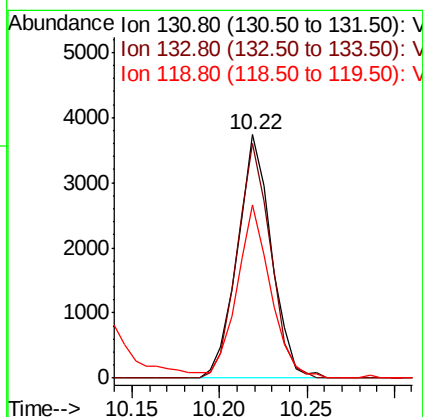
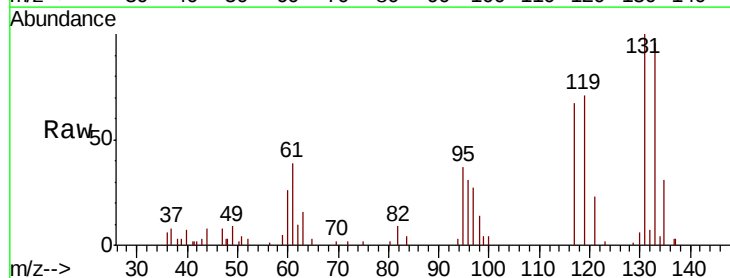
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

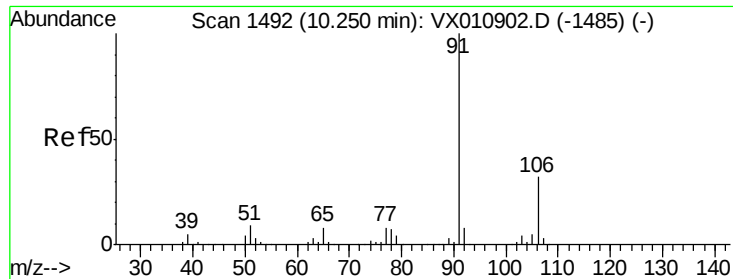
Tot Ion:112 Resp: 16079
Ion Ratio Lower Upper
112 100
114 29.9 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 2.038 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX010994.D
Acq: 19 Jul 2019 11:57

Tgt Ion:131 Resp: 5059
Ion Ratio Lower Upper
131 100
133 94.9 47.1 141.4
119 70.5 31.9 95.7

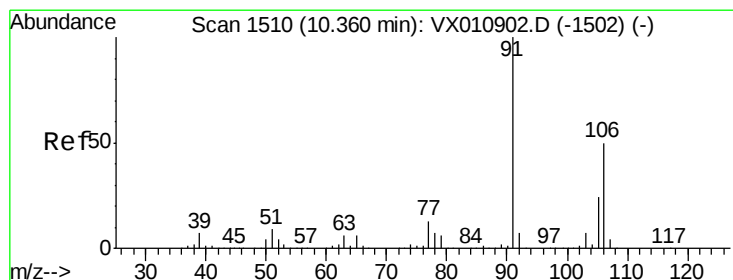
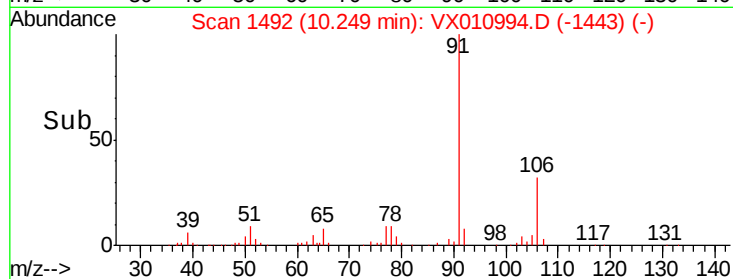
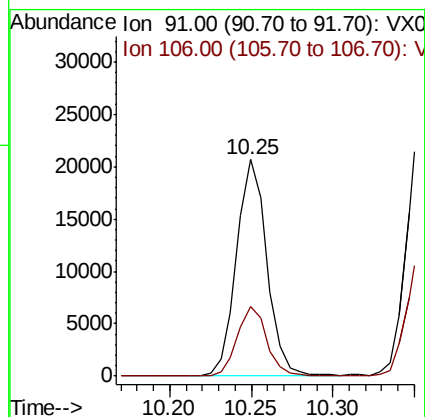
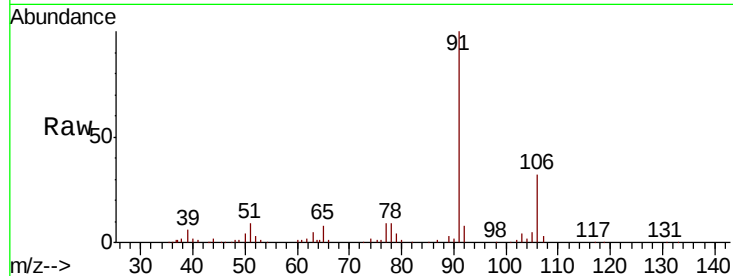




#67
Ethyl Benzene
Concen: 2.244 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX010994.D
Acq: 19 Jul 2019 11:57

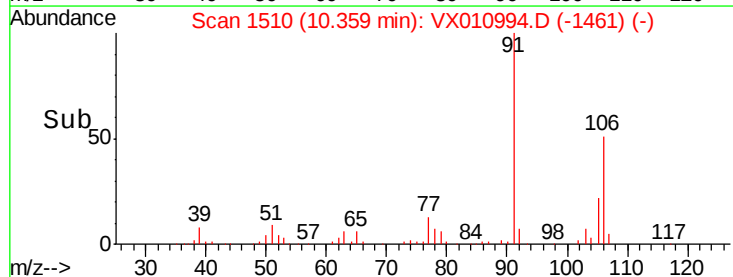
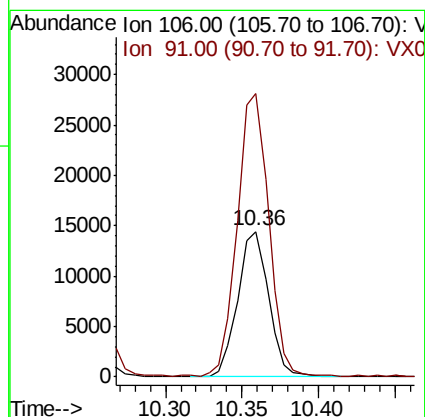
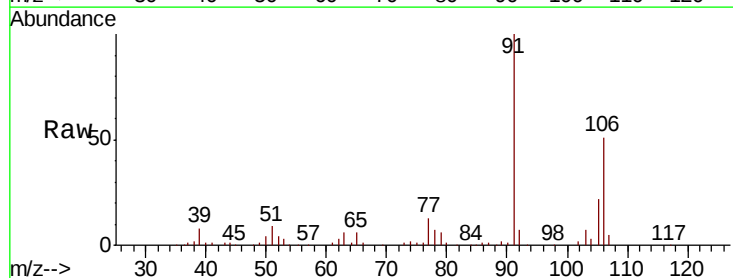
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

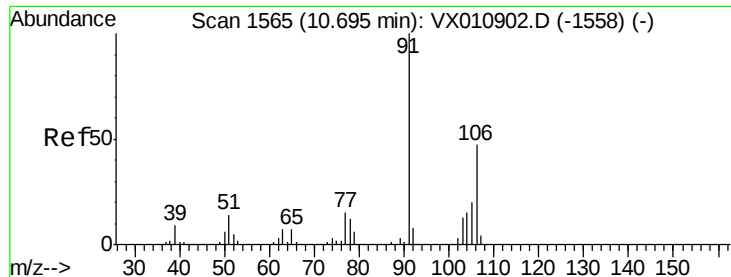
Tot Ion: 91 Resp: 26985
Ion Ratio Lower Upper
91 100
106 31.9 25.4 38.2



#68
m/p-Xylenes
Concen: 4.399 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX010994.D
Acq: 19 Jul 2019 11:57

Tgt Ion: 106 Resp: 20289
Ion Ratio Lower Upper
106 100
91 199.1 160.1 240.1

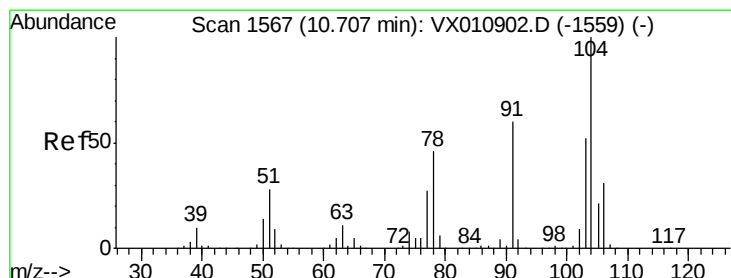
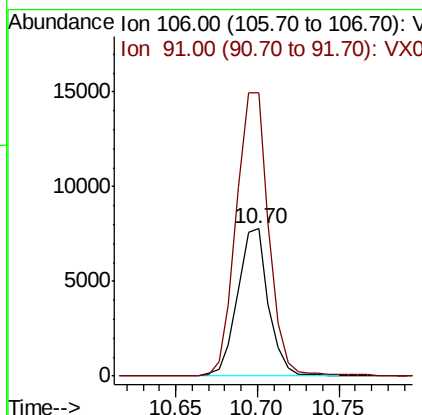
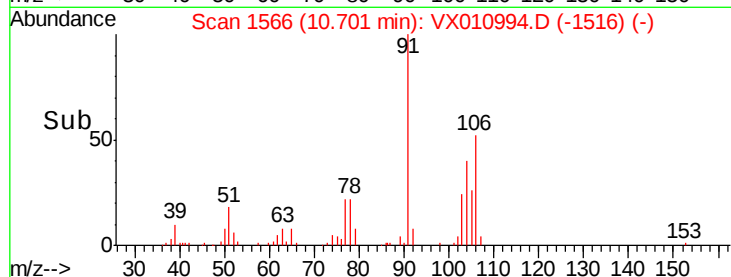
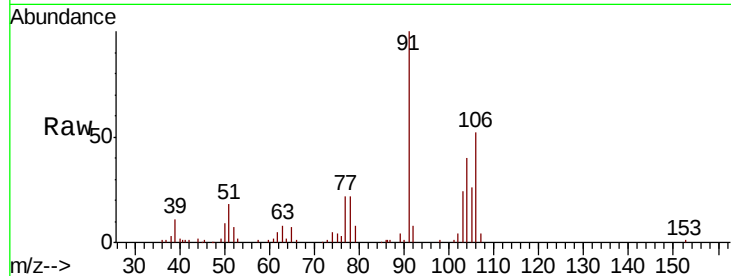




#69
o-Xylene
Concen: 2.279 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX010994.D
Acq: 19 Jul 2019 11:57

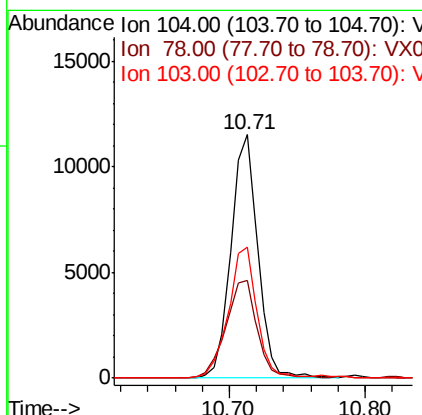
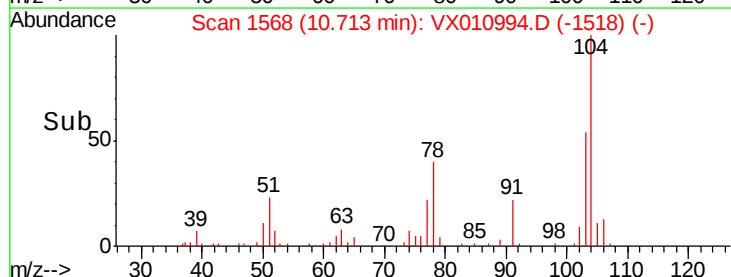
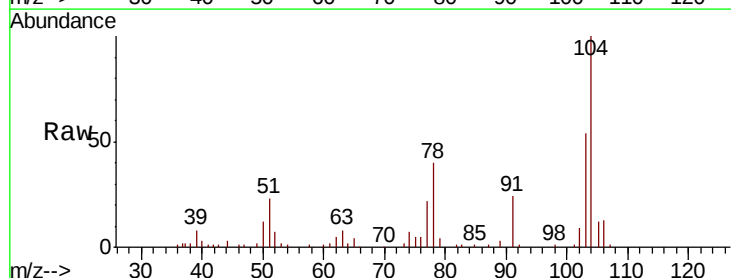
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

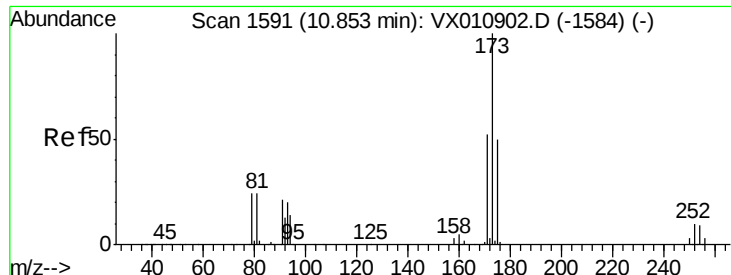
Tot Ion:106 Resp: 10257
Ion Ratio Lower Upper
106 100
91 202.3 105.1 315.3



#70
Styrene
Concen: 2.110 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.01 min
Lab File: VX010994.D
Acq: 19 Jul 2019 11:57

Tgt Ion:104 Resp: 15834
Ion Ratio Lower Upper
104 100
78 46.8 38.8 58.2
103 56.9 44.2 66.4





#71

Bromoform

Concen: 3.918 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.01 min

Lab File: VX010994.D

Acq: 19 Jul 2019 11:57

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

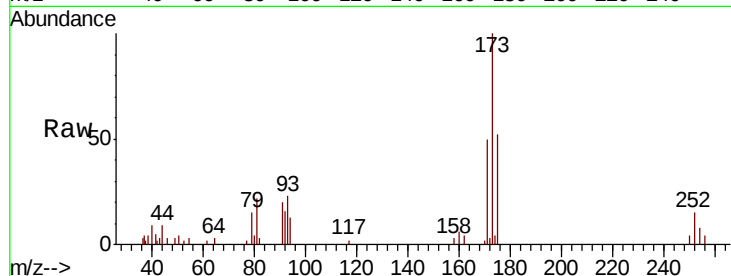
Tot Ion:173 Resp: 3261

Ion Ratio Lower Upper

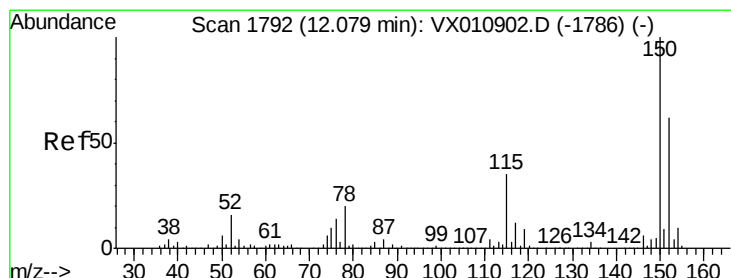
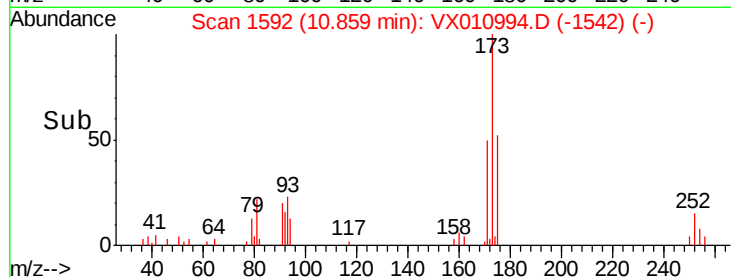
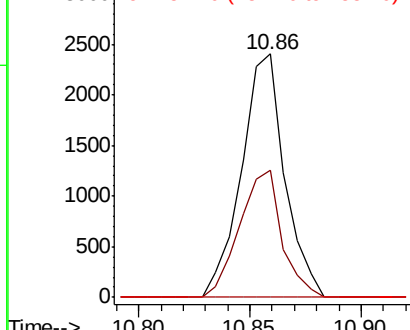
173 100

175 50.9 24.6 73.6

254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX010994.D

Acq: 19 Jul 2019 11:57

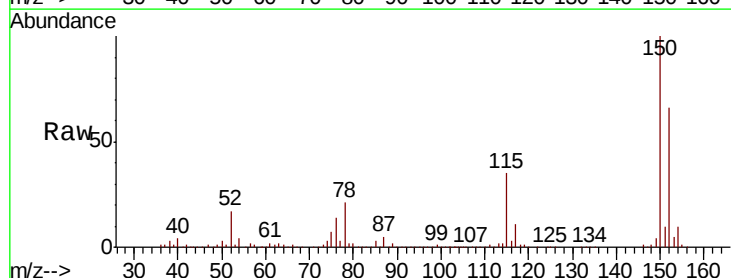
Tgt Ion:152 Resp: 171794

Ion Ratio Lower Upper

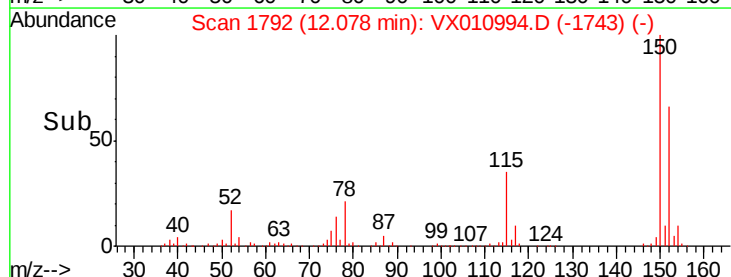
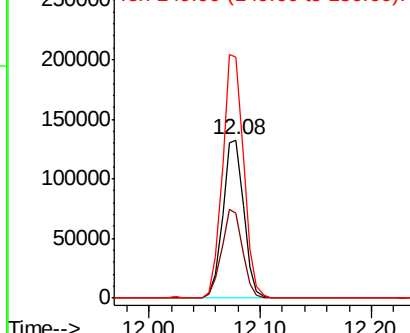
152 100

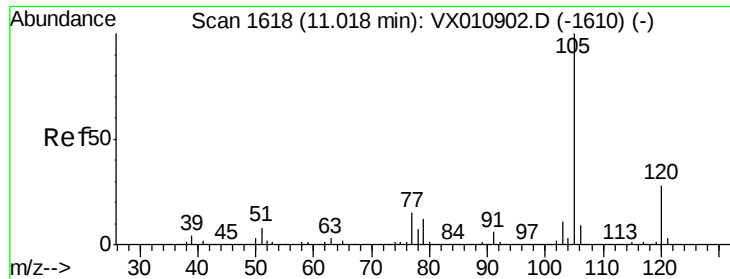
115 56.1 39.7 119.1

150 156.0 0.0 345.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

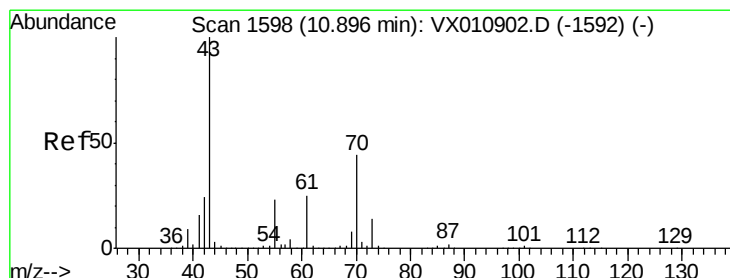
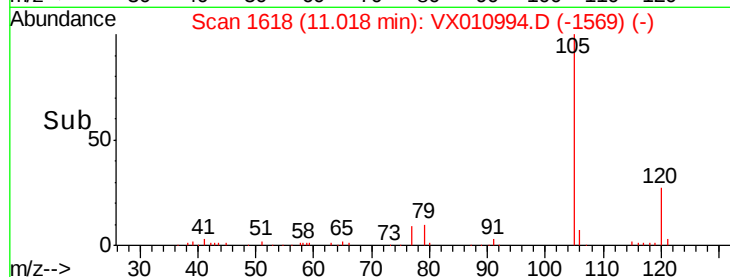
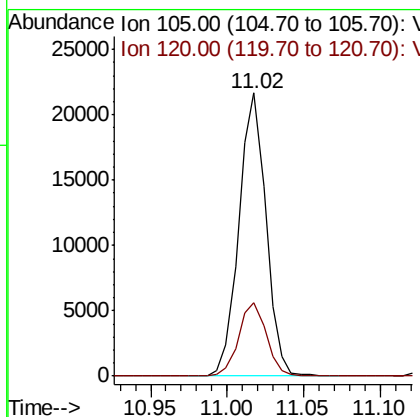
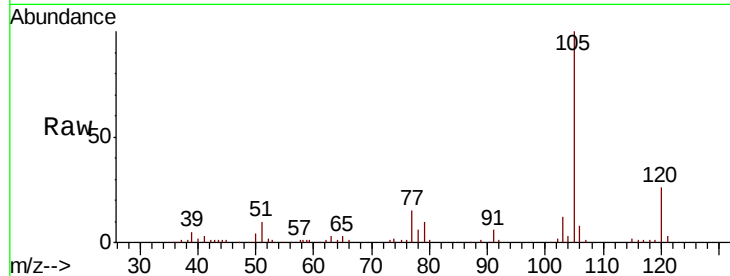




#73
Isopropylbenzene
Concen: 2.291 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX010994.D
Acq: 19 Jul 2019 11:57

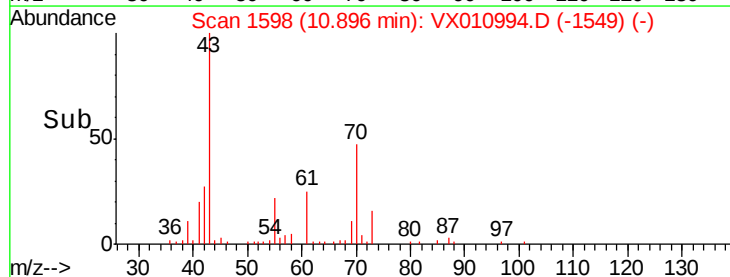
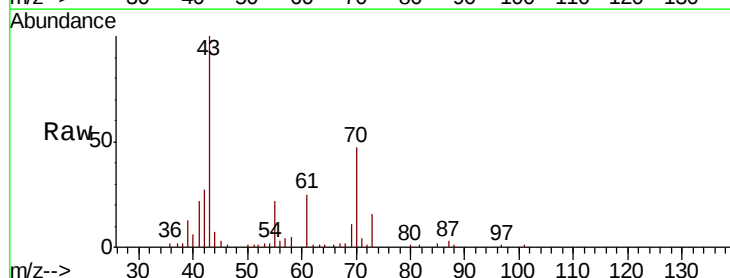
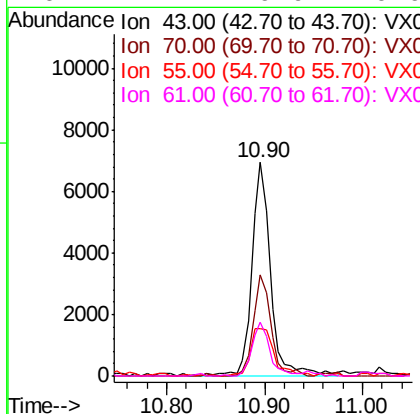
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

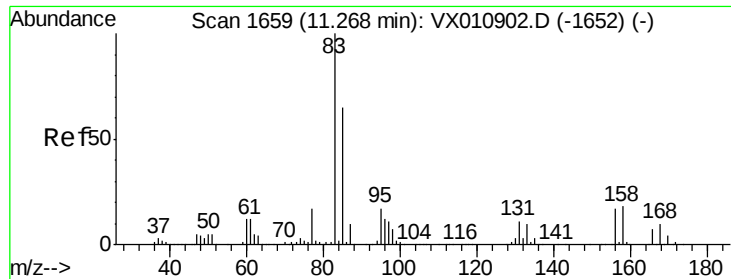
Tot Ion: 105 Resp: 26598
Ion Ratio Lower Upper
105 100
120 26.6 13.7 41.1



#74
N-ethyl acetate
Concen: 2.091 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VX010994.D
Acq: 19 Jul 2019 11:57

Tgt Ion: 43 Resp: 9275
Ion Ratio Lower Upper
43 100
70 44.2 34.7 52.1
55 28.3 19.1 28.7
61 24.2 19.9 29.9





#75

1,1,2,2-Tetrachloroethane

Concen: 2.293 ug/l

RT: 11.26 min Scan# 1658

Delta R.T. -0.01 min

Lab File: VX010994.D

Acq: 19 Jul 2019 11:57

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

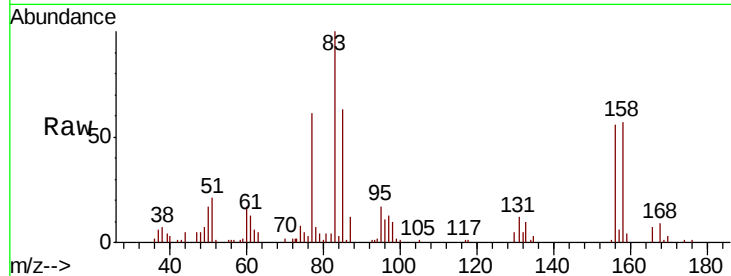
Tot Ion: 83 Resp: 8709

Ion Ratio Lower Upper

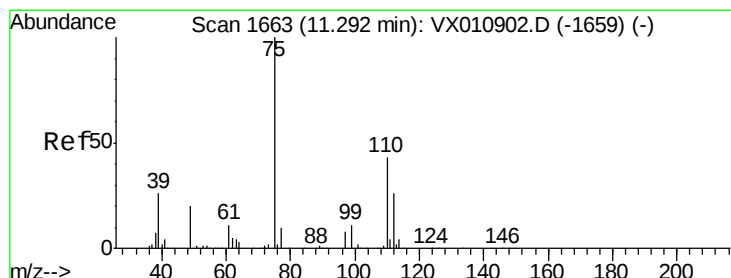
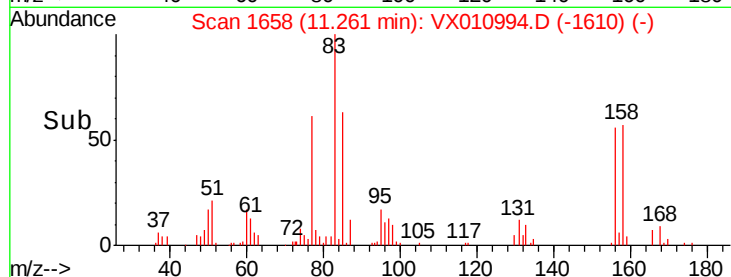
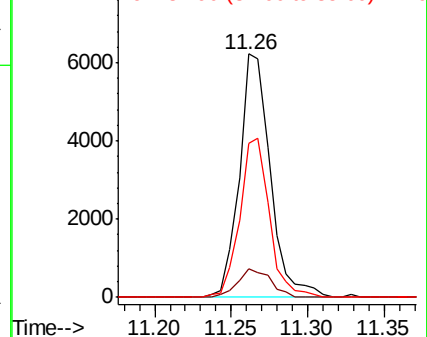
83 100

131 12.4 5.5 16.4

85 62.5 32.3 96.9



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 2.718 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX010994.D

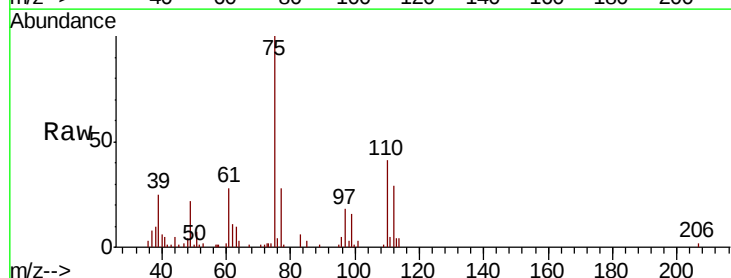
Acq: 19 Jul 2019 11:57

Tgt Ion: 75 Resp: 8427

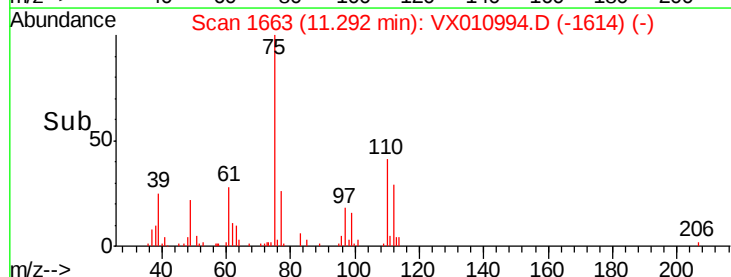
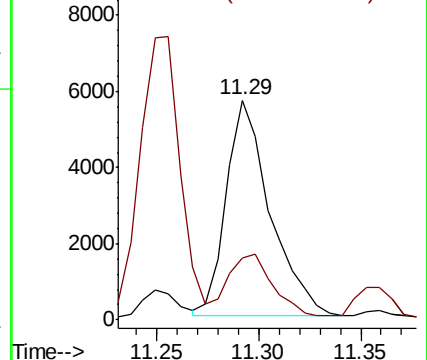
Ion Ratio Lower Upper

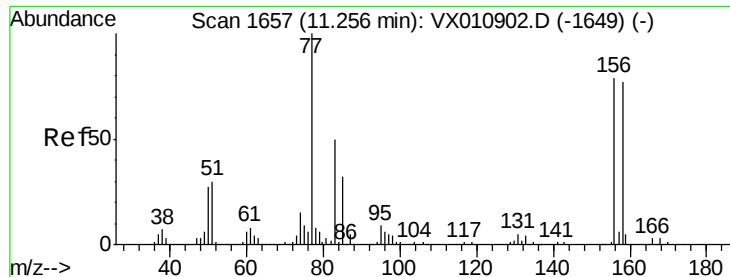
75 100

77 33.6 21.3 64.0



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 2.266 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX010994.D

Acq: 19 Jul 2019 11:57

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

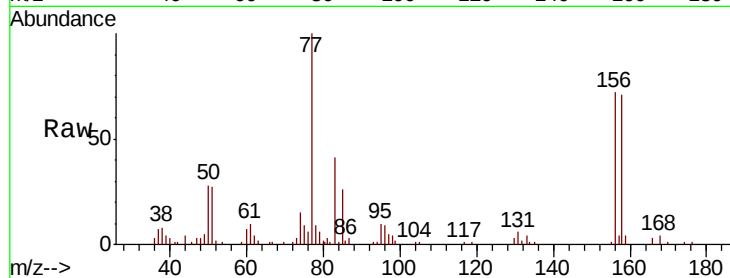
Tot Ion:156 Resp: 7254

Ion Ratio Lower Upper

156 100

77 141.8 68.7 206.1

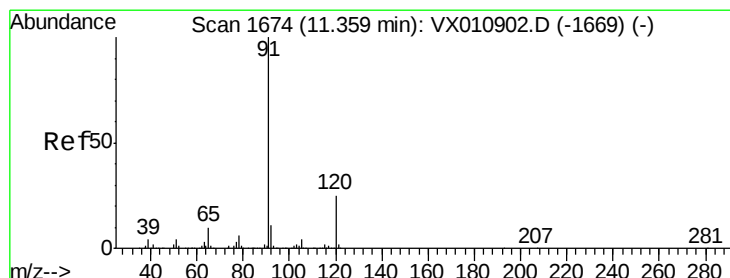
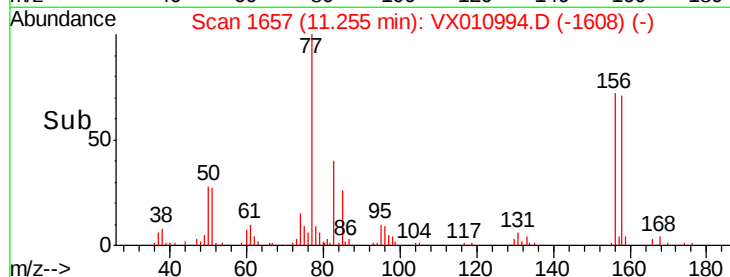
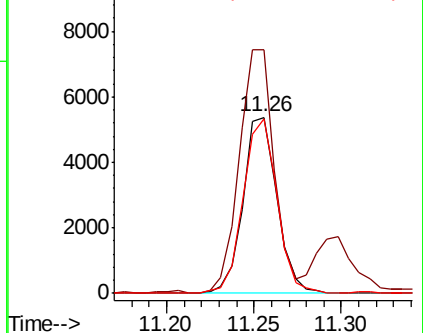
158 98.4 47.9 143.7



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 2.213 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX010994.D

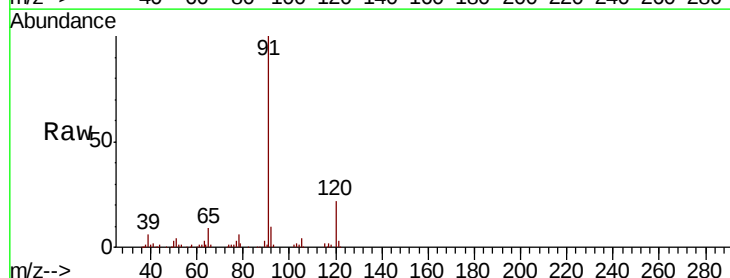
Acq: 19 Jul 2019 11:57

Tgt Ion: 91 Resp: 28378

Ion Ratio Lower Upper

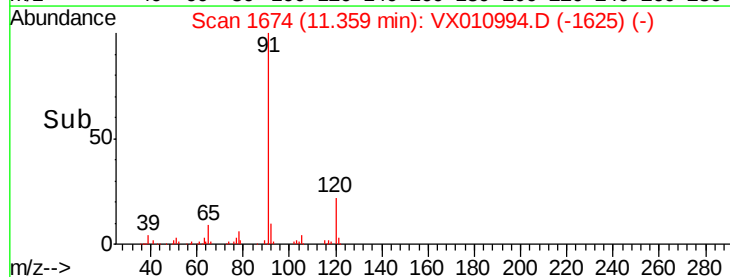
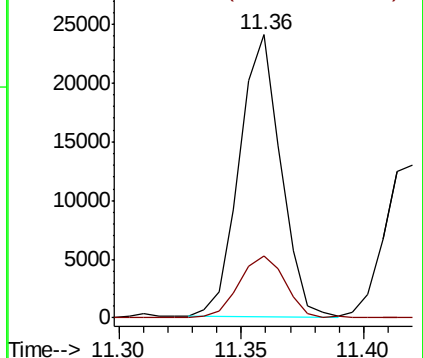
91 100

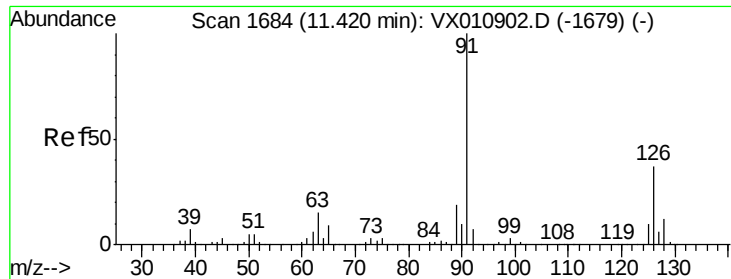
120 24.5 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 2.308 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX010994.D

Acq: 19 Jul 2019 11:57

Instrument :

MSVOA_X

ClientSampleId :

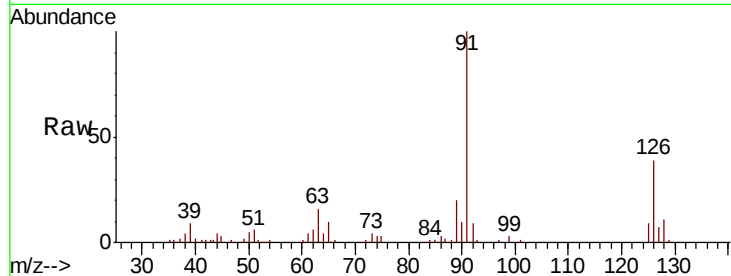
LOD-MDL-WATER-01-QT3-2019

Tot Ion: 91 Resp: 17780

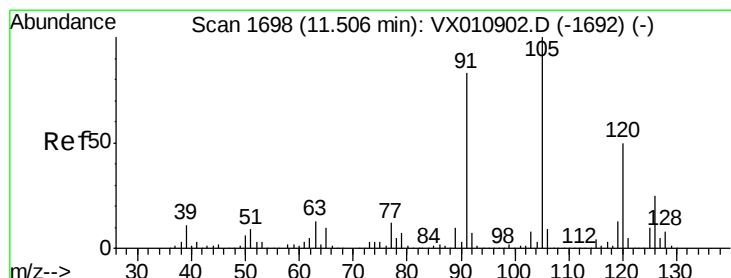
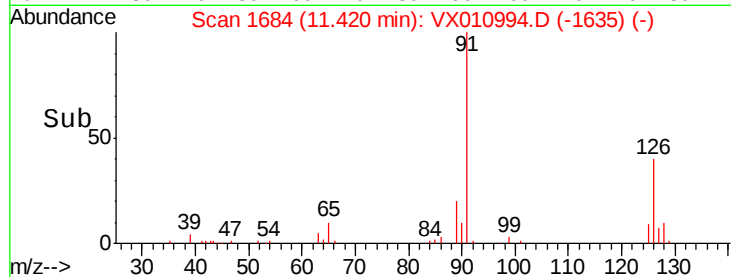
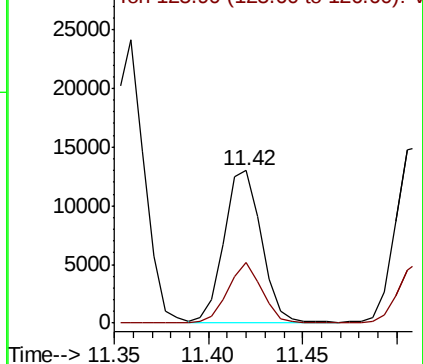
Ion Ratio Lower Upper

91 100

126 36.4 18.0 54.0



Abundance Ion 91.00 (90.70 to 91.70): VX010994.D (-1635) (-)



#80

1,3,5-Trimethylbenzene

Concen: 2.198 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX010994.D

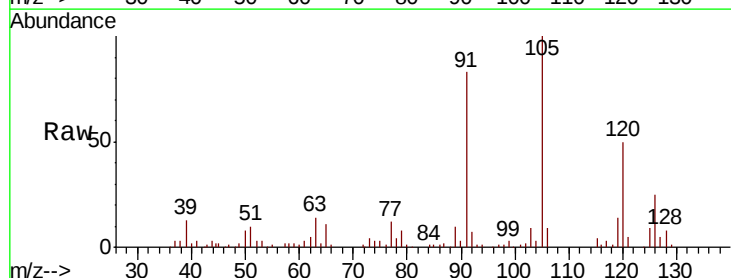
Acq: 19 Jul 2019 11:57

Tgt Ion: 105 Resp: 21321

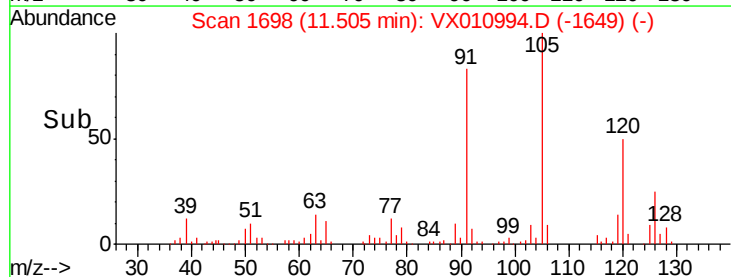
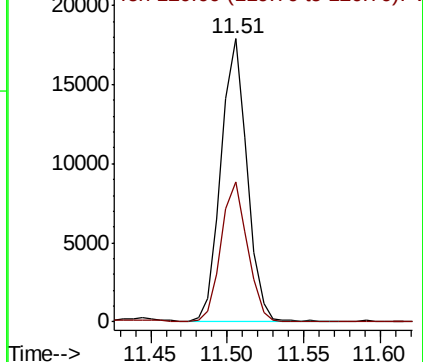
Ion Ratio Lower Upper

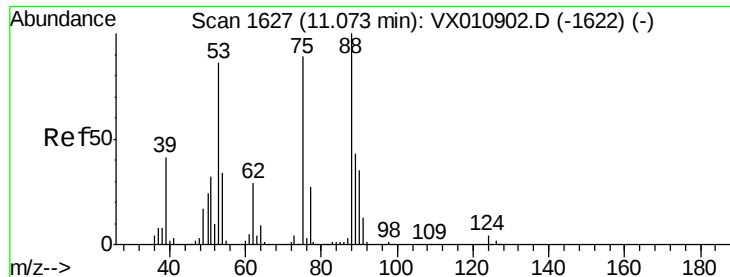
105 100

120 49.8 24.6 73.8



Abundance Ion 105.00 (104.70 to 105.70): VX010994.D (-1649) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 58.121 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX010994.D

Acq: 19 Jul 2019 11:57

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

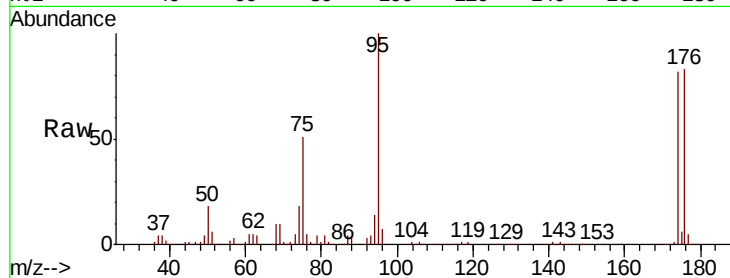
Tot Ion: 75 Resp: 71977

Ion Ratio Lower Upper

75 100

53 0.3 76.7 115.1#

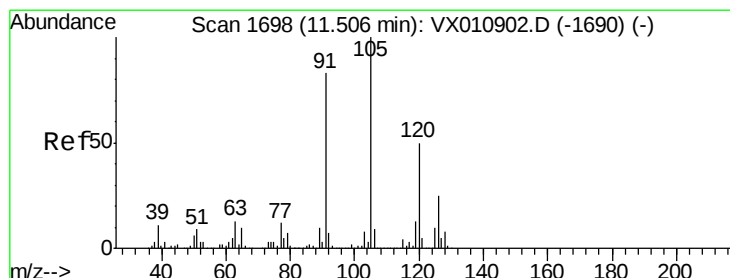
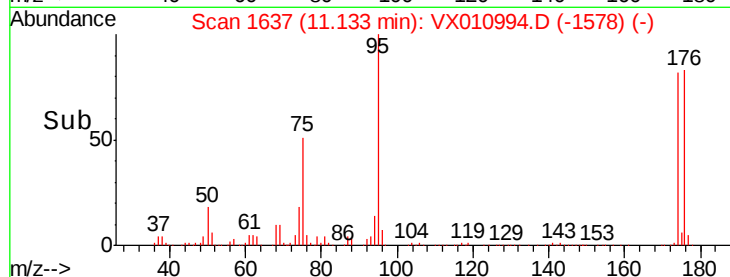
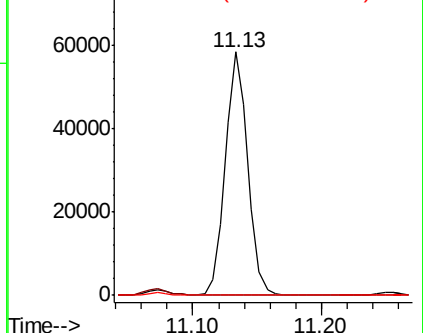
89 0.0 38.5 57.7#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 2.276 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.01 min

Lab File: VX010994.D

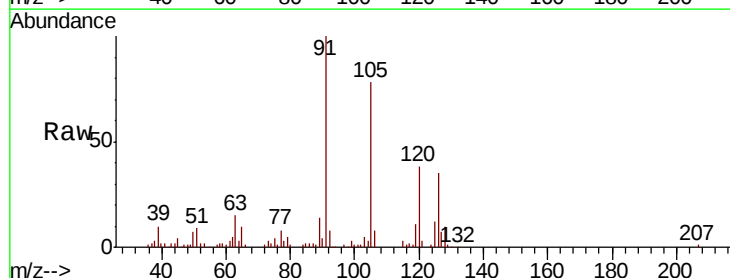
Acq: 19 Jul 2019 11:57

Tgt Ion: 91 Resp: 20411

Ion Ratio Lower Upper

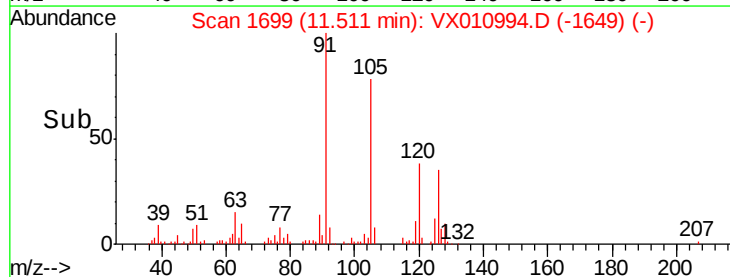
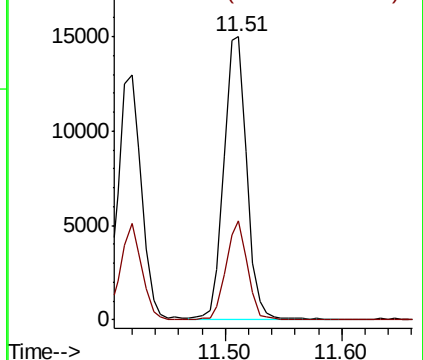
91 100

126 32.5 15.9 47.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 2.148 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX010994.D

Acq: 19 Jul 2019 11:57

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

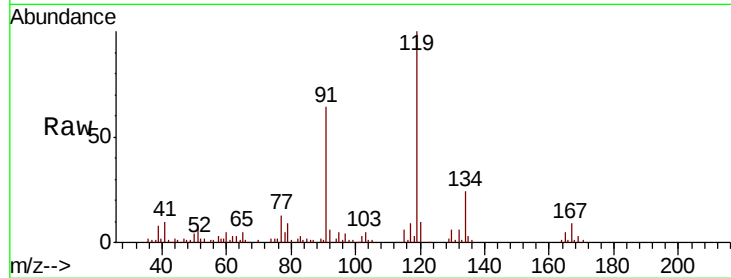
Tot Ion:119 Resp: 20465

Ion Ratio Lower Upper

119 100

91 62.1 28.6 85.8

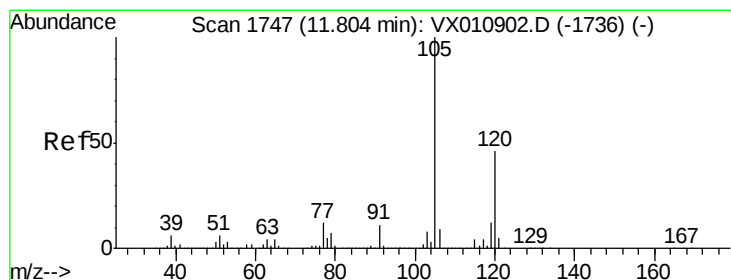
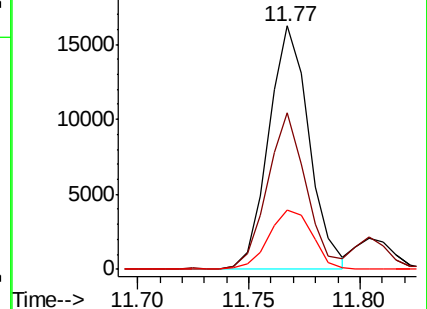
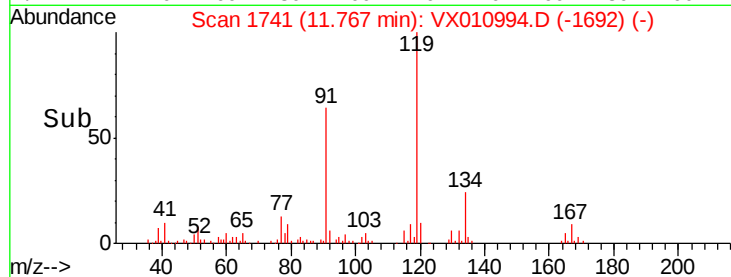
134 26.3 11.6 34.8



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



#84

1,2,4-Trimethylbenzene

Concen: 2.247 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX010994.D

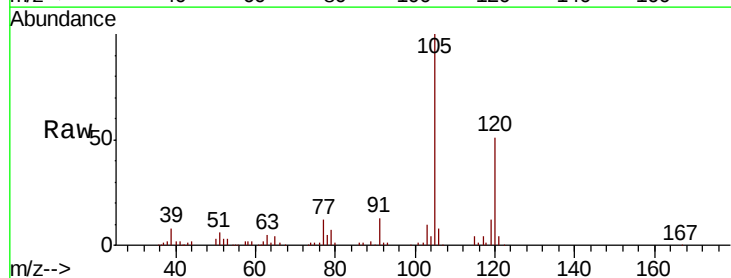
Acq: 19 Jul 2019 11:57

Tgt Ion:105 Resp: 21963

Ion Ratio Lower Upper

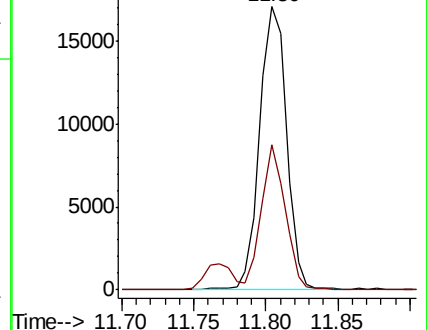
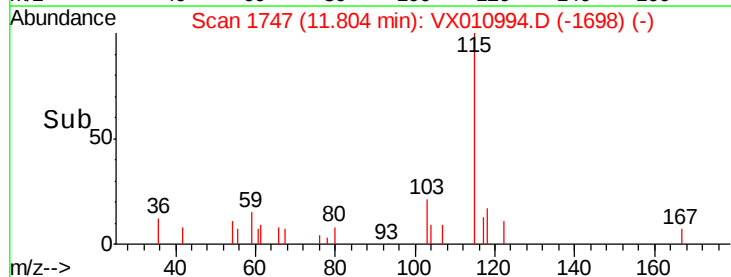
105 100

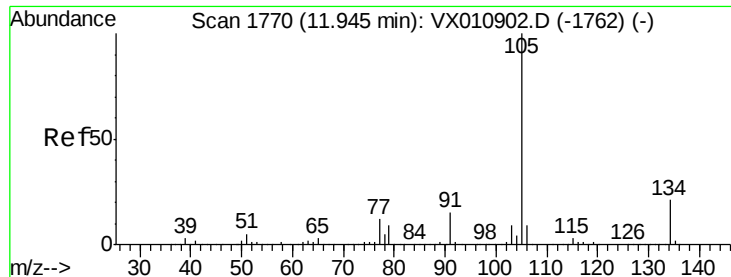
120 45.3 22.9 68.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 2.206 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX010994.D

Acq: 19 Jul 2019 11:57

Instrument :

MSVOA_X

ClientSampleId :

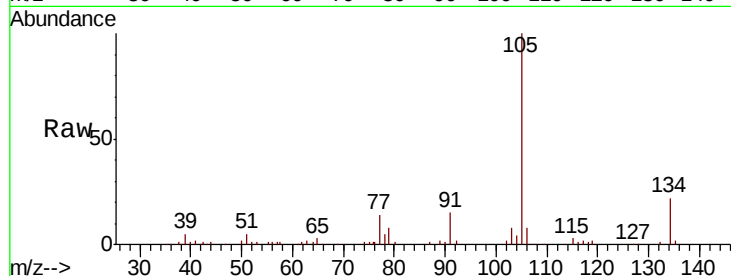
LOD-MDL-WATER-01-QT3-2019

Tot Ion:105 Resp: 24630

Ion Ratio Lower Upper

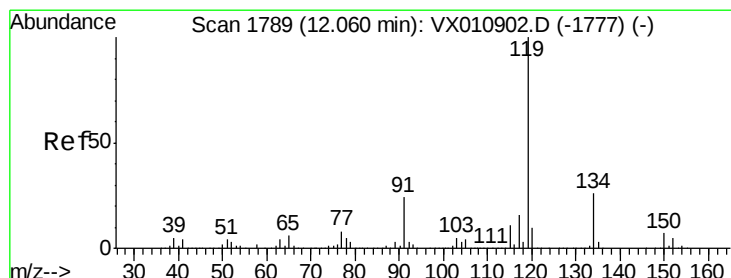
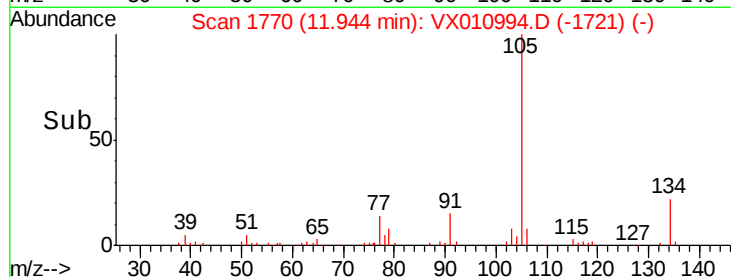
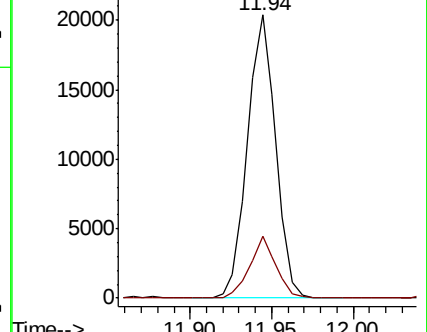
105 100

134 20.2 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 2.104 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX010994.D

Acq: 19 Jul 2019 11:57

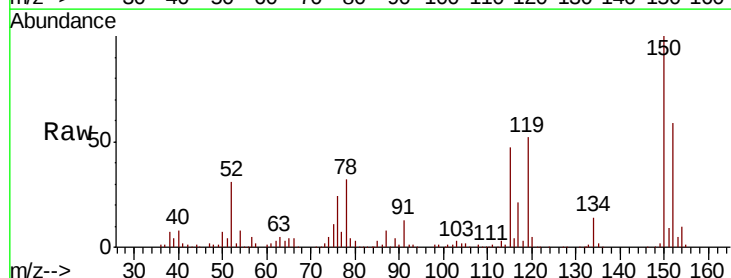
Tgt Ion:119 Resp: 21712

Ion Ratio Lower Upper

119 100

134 28.1 13.4 40.1

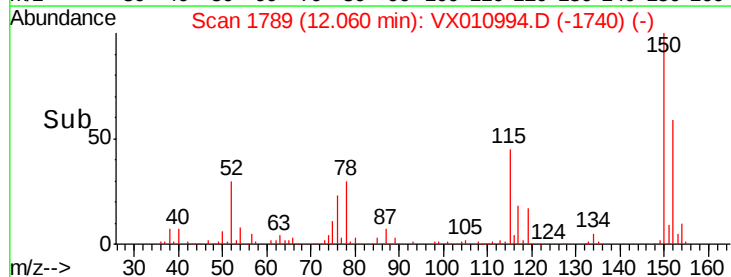
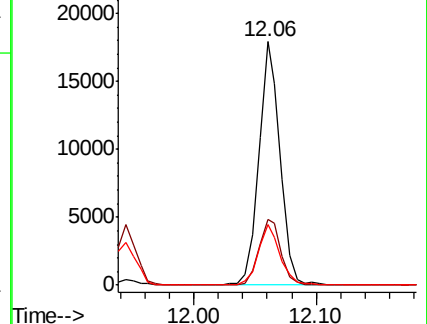
91 25.7 11.8 35.4

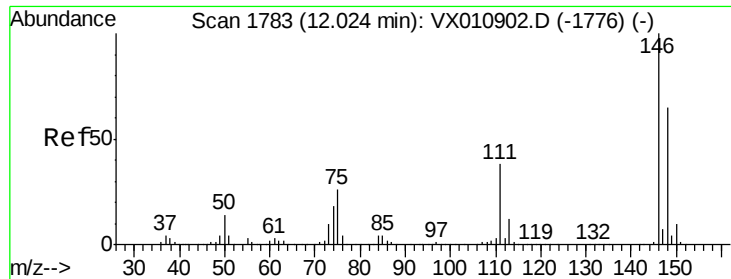


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 2.265 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX010994.D

Acq: 19 Jul 2019 11:57

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

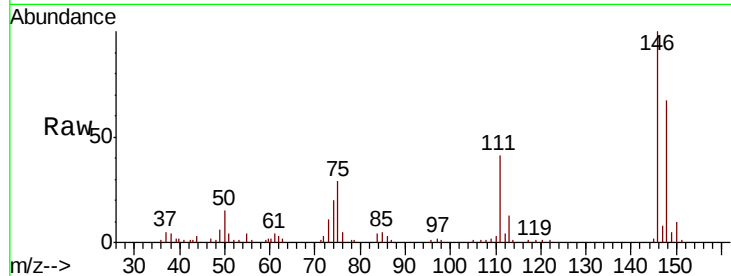
Tot Ion:146 Resp: 12584

Ion Ratio Lower Upper

146 100

111 39.4 18.9 56.9

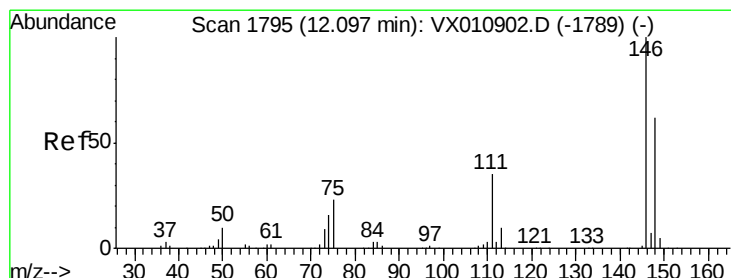
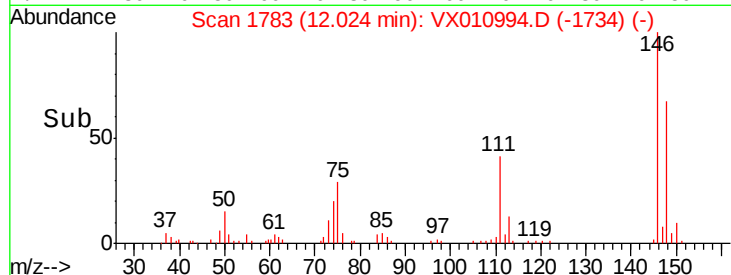
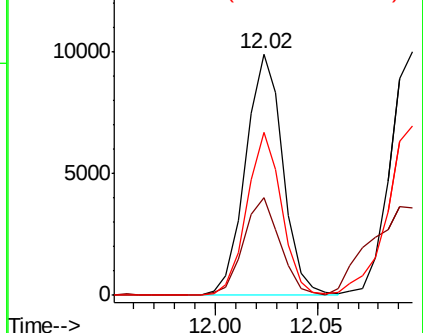
148 63.0 32.2 96.6



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 2.280 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX010994.D

Acq: 19 Jul 2019 11:57

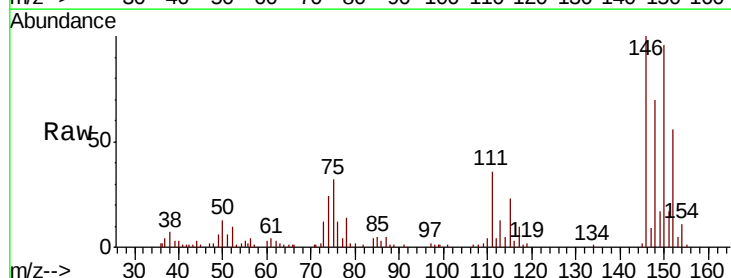
Tgt Ion:146 Resp: 12993

Ion Ratio Lower Upper

146 100

111 53.4 18.6 55.8

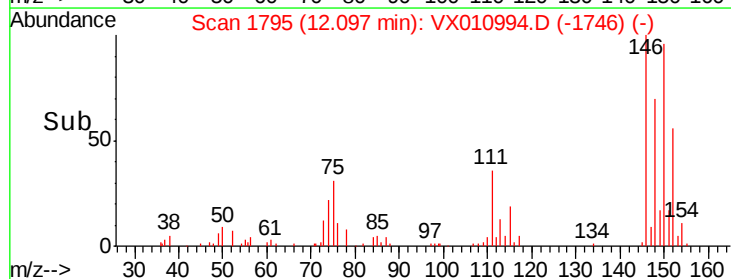
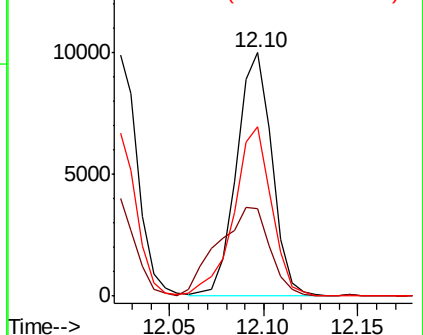
148 74.0 31.6 94.7

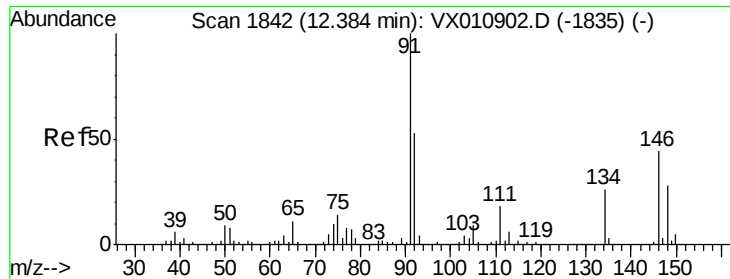


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

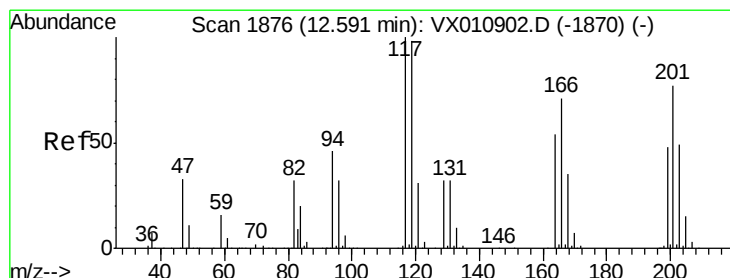
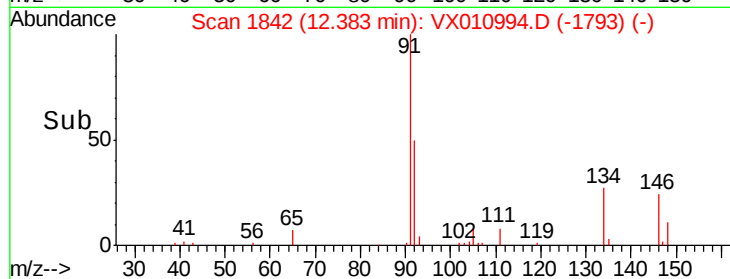
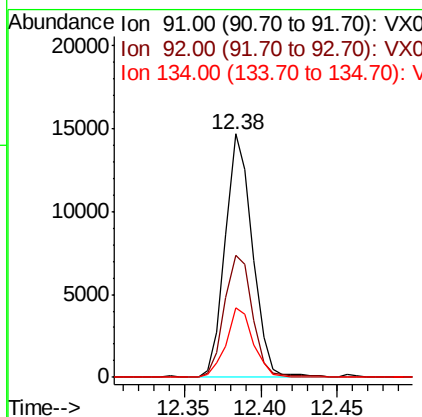
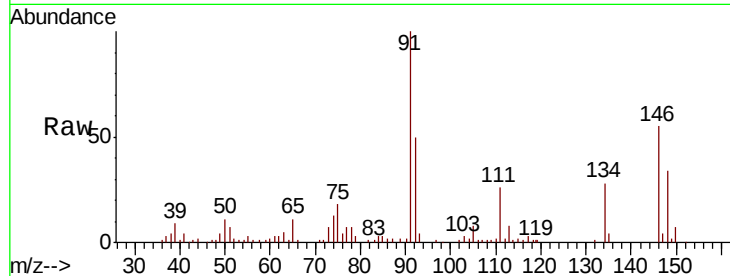




#89
n-Butylbenzene
Concen: 2.058 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX010994.D
Acq: 19 Jul 2019 11:57

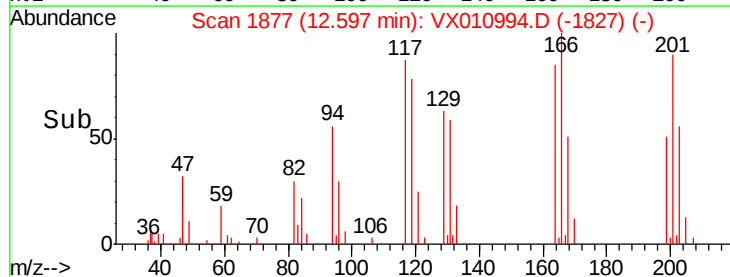
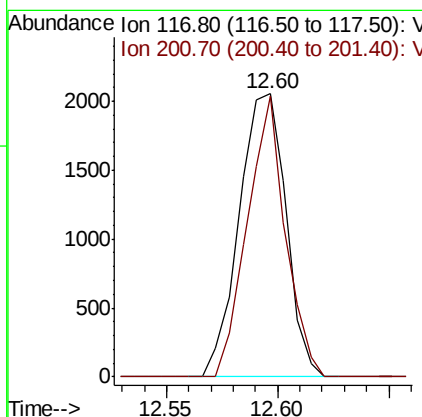
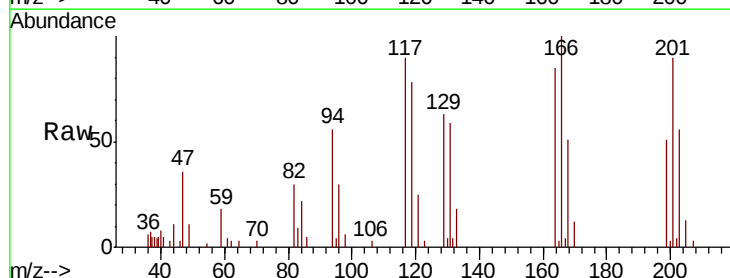
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

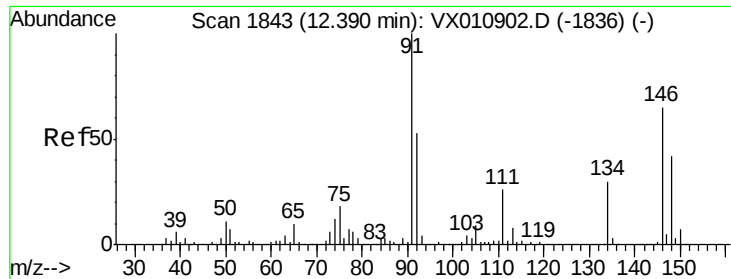
Tot Ion: 91 Resp: 18172
Ion Ratio Lower Upper
91 100
92 52.0 26.2 78.5
134 28.2 13.8 41.3



#90
Hexachloroethane
Concen: 1.848 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.01 min
Lab File: VX010994.D
Acq: 19 Jul 2019 11:57

Tgt Ion: 117 Resp: 3008
Ion Ratio Lower Upper
117 100
201 80.7 43.3 129.8

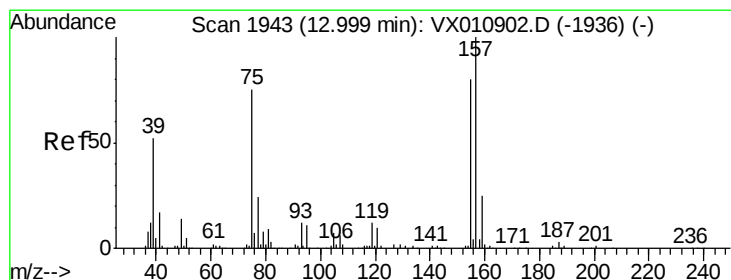
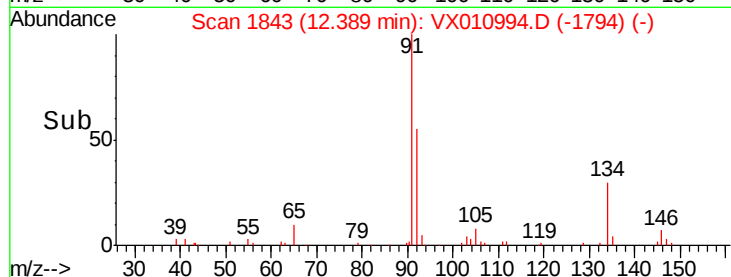
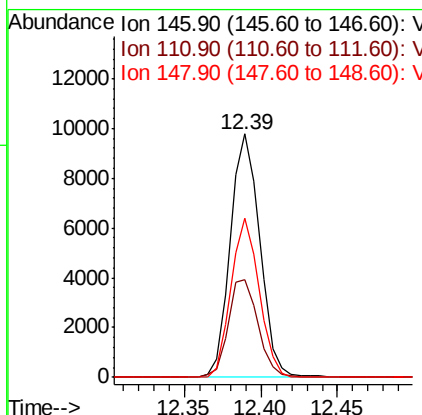
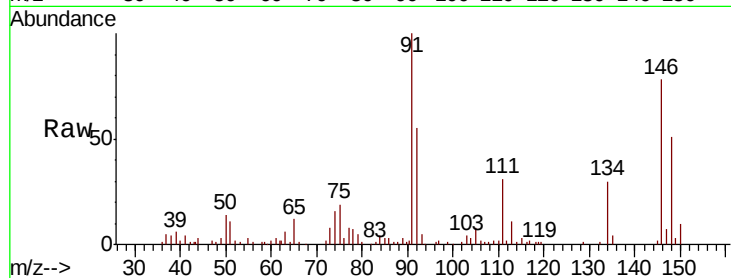




#91
 1,2-Dichlorobenzene
 Concen: 2.372 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX010994.D
 Acq: 19 Jul 2019 11:57

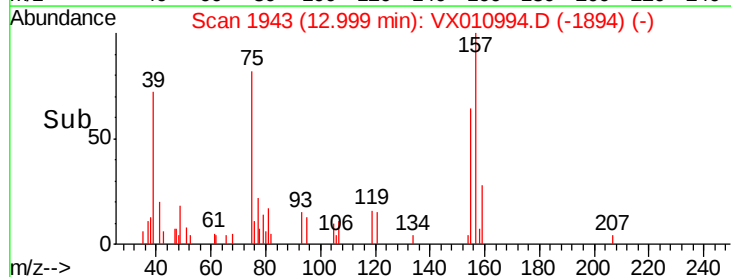
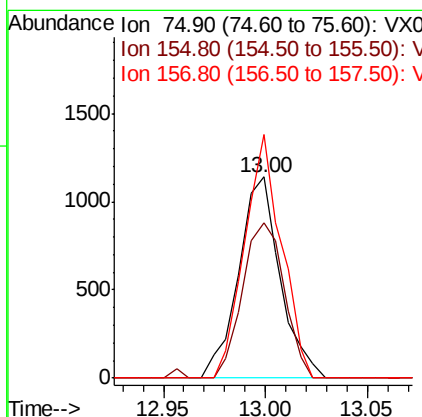
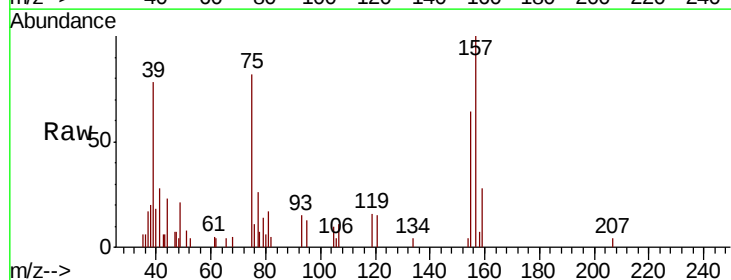
Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2019

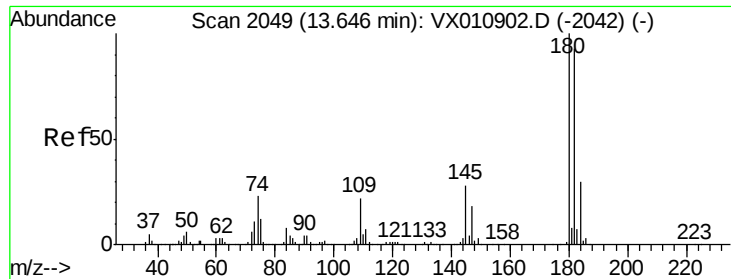
Tot Ion:146 Resp: 13063
 Ion Ratio Lower Upper
 146 100
 111 40.2 19.9 59.7
 148 62.0 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 2.028 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX010994.D
 Acq: 19 Jul 2019 11:57

Tgt Ion: 75 Resp: 1610
 Ion Ratio Lower Upper
 75 100
 155 77.8 48.7 146.1
 157 107.9 62.5 187.6

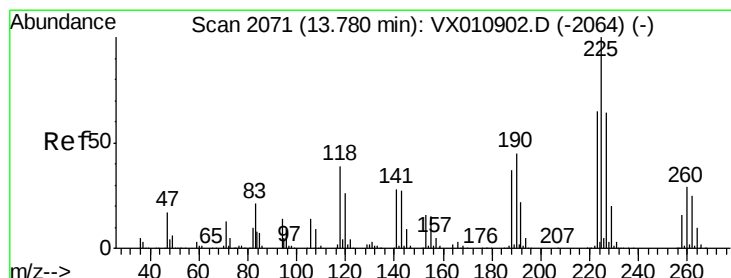
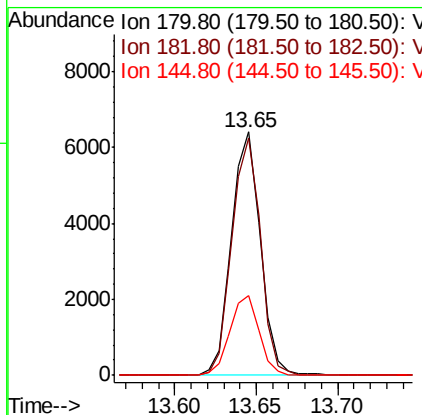
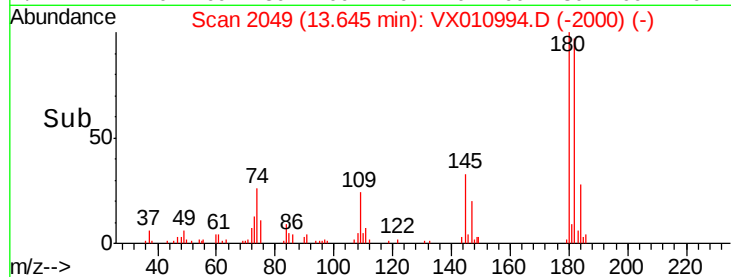
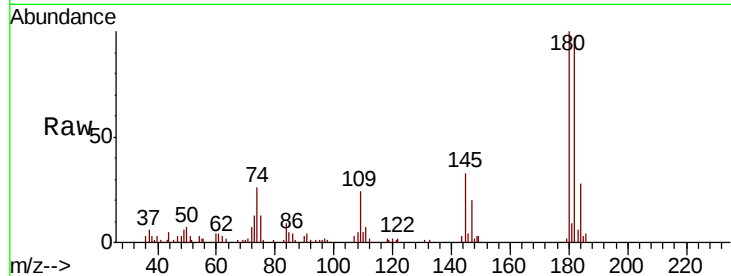




#93
 1,2,4-Trichlorobenzene
 Concen: 2.129 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX010994.D
 Acq: 19 Jul 2019 11:57

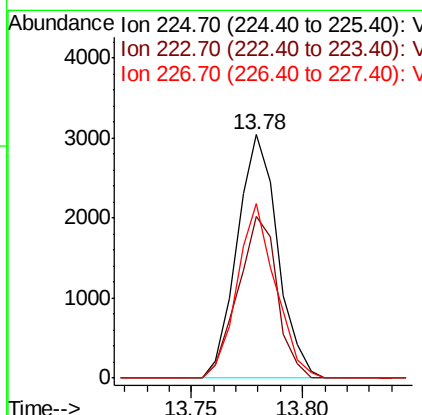
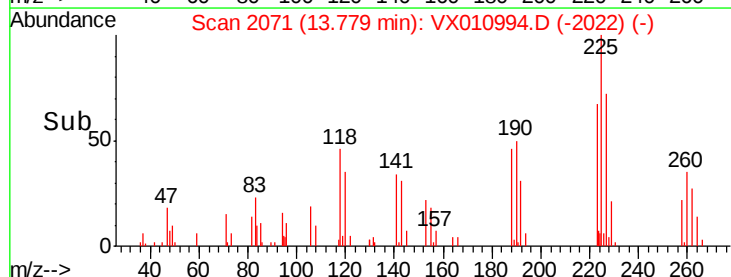
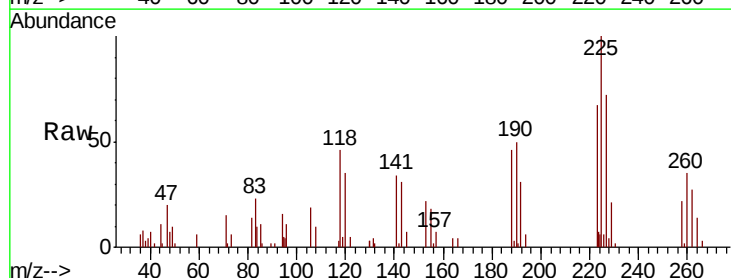
Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2019

Tot Ion:180 Resp: 7947
 Ion Ratio Lower Upper
 180 100
 182 95.7 47.1 141.3
 145 32.9 14.8 44.4



#94
 Hexachlorobutadiene
 Concen: 2.082 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX010994.D
 Acq: 19 Jul 2019 11:57

Tgt Ion:225 Resp: 3850
 Ion Ratio Lower Upper
 225 100
 223 64.2 31.9 95.9
 227 68.0 32.5 97.4





#95

Naphthalene

Concen: 2.056 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX010994.D

Acq: 19 Jul 2019 11:57

Instrument :

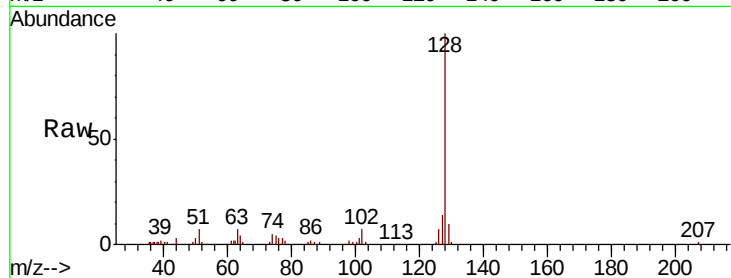
MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2019

Tot Ion:128 Resp: 22660

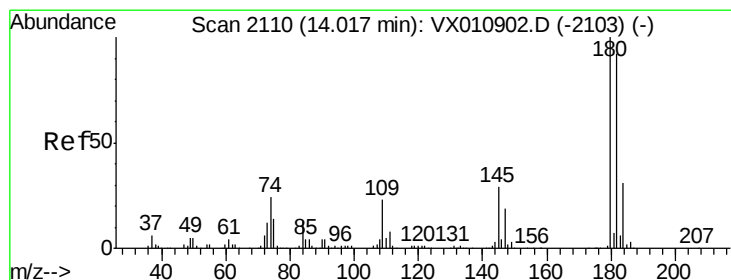
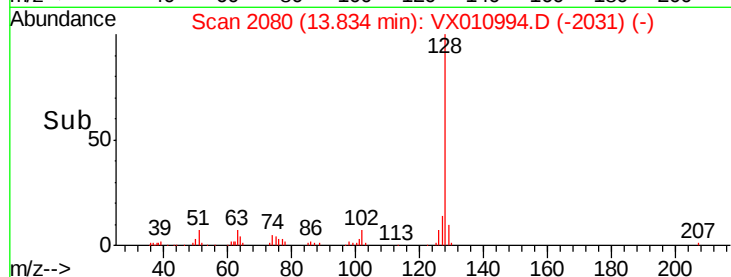
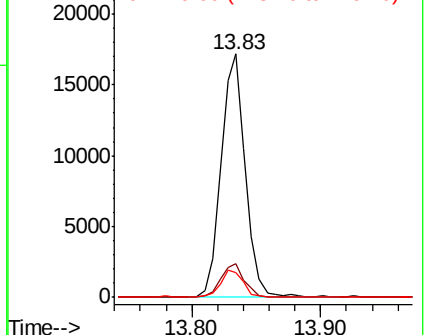
Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.4	15.6
129	10.6	8.9	13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 2.173 ug/l

RT: 14.02 min Scan# 2110

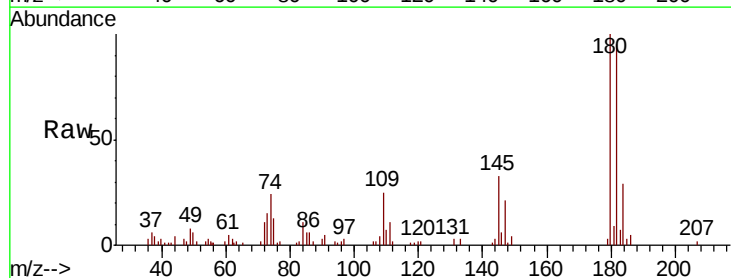
Delta R.T. -0.00 min

Lab File: VX010994.D

Acq: 19 Jul 2019 11:57

Tgt Ion:180 Resp: 8071

Ion	Ratio	Lower	Upper
180	100		
182	96.5	47.4	142.3
145	31.9	15.1	45.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

