

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX030520\
 Data File : VX015102.D
 Acq On : 05 Mar 2020 11:25
 Operator : JC/SP
 Sample : L1161-07 .75PPB MDL
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Mar 06 03:05:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 06 03:01:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	359212	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	555609	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	498689	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	246180	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	211951	49.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.48%	
35) Dibromofluoromethane	5.49	113	167212	47.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.40%	
50) Toluene-d8	8.71	98	635795	47.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.38%	
62) 4-Bromofluorobenzene	11.13	95	215650	45.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	2867	0.911	ug/l	98
3) Chloromethane	1.32	50	4316	0.969	ug/l	92
4) Vinyl Chloride	1.40	62	3712	0.822	ug/l	99
5) Bromomethane	1.64	94	3309	1.191	ug/l	94
6) Chloroethane	1.72	64	2897	1.069	ug/l	100
7) Trichlorofluoromethane	1.92	101	4790	0.891	ug/l #	81
8) Diethyl Ether	2.18	74	2777	1.140	ug/l	72
9) 1,1,2-Trichlorotrifluoroet	2.37	101	2906	0.859	ug/l	89
10) Methyl Iodide	2.50	142	3420	0.895	ug/l	92
11) Tert butyl alcohol	3.01	59	3696	4.999	ug/l #	91
12) 1,1-Dichloroethene	2.37	96	3554	1.018	ug/l	95
13) Acrolein	2.29	56	2699	3.884	ug/l #	76
14) Allyl chloride	2.72	41	4523	0.743	ug/l #	73
15) Acrylonitrile	3.14	53	8335	4.527	ug/l	89
16) Acetone	2.44	43	7949	4.606	ug/l	95
17) Carbon Disulfide	2.56	76	8605	0.888	ug/l	100
18) Methyl Acetate	2.76	43	4423	1.048	ug/l #	80
19) Methyl tert-butyl Ether	3.18	73	8817	0.808	ug/l	95
20) Methylene Chloride	2.85	84	3954	0.979	ug/l	89
21) trans-1,2-Dichloroethene	3.16	96	3381	0.907	ug/l	87
22) Diisopropyl ether	3.85	45	8672	0.715	ug/l #	75
23) Vinyl Acetate	3.81	43	33396	3.350	ug/l	98
24) 1,1-Dichloroethane	3.69	63	6038	0.897	ug/l #	82
25) 2-Butanone	4.68	43	8995	3.560	ug/l	91
26) 2,2-Dichloropropane	4.58	77	4309	0.806	ug/l	92
27) cis-1,2-Dichloroethene	4.59	96	3657	0.875	ug/l	94
28) Bromochloromethane	5.01	49	2585	0.843	ug/l #	89
30) Chloroform	5.20	83	6420	0.979	ug/l	91
31) Cyclohexane	5.58	56	4954	0.825	ug/l #	73
32) 1,1,1-Trichloroethane	5.48	97	4642	0.854	ug/l #	31
36) 1,1-Dichloropropene	5.79	75	4326	0.842	ug/l #	76
37) Ethyl Acetate	4.84	43	3325	0.698	ug/l #	77
38) Carbon Tetrachloride	5.78	117	3472	0.716	ug/l #	81
39) Methylcyclohexane	7.45	83	5554	0.926	ug/l #	86

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX030520\
 Data File : VX015102.D
 Acq On : 05 Mar 2020 11:25
 Operator : JC/SP
 Sample : L1161-07 .75PPB MDL
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Mar 06 03:05:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 06 03:01:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Benzene	6.14	78	12305	0.807	ug/l	95
41) Methacrylonitrile	5.04	41	1494	0.522	ug/l #	66
42) 1,2-Dichloroethane	6.18	62	4950	0.946	ug/l	99
43) Isopropyl Acetate	6.43	43	6280	0.749	ug/l #	91
44) Trichloroethene	7.21	130	4269	1.006	ug/l	77
45) 1,2-Dichloropropane	7.51	63	2734	0.693	ug/l #	69
46) Dibromomethane	7.66	93	1799	0.700	ug/l #	74
47) Bromodichloromethane	7.89	83	3380	0.665	ug/l #	96
48) Methyl methacrylate	7.77	41	2136	0.501	ug/l #	71
49) 1,4-Dioxane	7.76	88	1068	11.579	ug/l #	56
51) 4-Methyl-2-Pentanone	8.64	43	17151	3.461	ug/l	100
52) Toluene	8.78	92	7536	0.809	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	3442	0.636	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	4012	0.656	ug/l #	88
55) 1,1,2-Trichloroethane	9.21	97	2760	0.720	ug/l	96
56) Ethyl methacrylate	9.18	69	3551	0.649	ug/l #	84
57) 1,3-Dichloropropane	9.37	76	5276	0.818	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	9073	3.045	ug/l	100
59) 2-Hexanone	9.49	43	11126	3.029	ug/l	97
60) Dibromochloromethane	9.58	129	3197	0.794	ug/l	95
61) 1,2-Dibromoethane	9.67	107	3328	0.826	ug/l	83
64) Tetrachloroethene	9.33	164	3804	0.923	ug/l	95
65) Chlorobenzene	10.13	112	8108	0.810	ug/l	93
66) 1,1,1,2-Tetrachloroethane	10.21	131	3029	0.802	ug/l #	65
67) Ethyl Benzene	10.25	91	12948	0.762	ug/l	91
68) m/p-Xylenes	10.35	106	9207	1.423	ug/l	99
69) o-Xylene	10.70	106	4667	0.754	ug/l	100
70) Stvrene	10.71	104	7414	0.698	ug/l	96
71) Bromoform	10.85	173	1944	0.664	ug/l #	95
73) Isopropylbenzene	11.01	105	11582	0.736	ug/l	91
74) N-amyl acetate	10.89	43	3671	0.554	ug/l #	70
75) 1,1,2,2-Tetrachloroethane	11.26	83	4478	0.854	ug/l #	86
76) 1,2,3-Trichloropropane	11.29	75	4224	0.860	ug/l	87
77) Bromobenzene	11.25	156	4524	1.032	ug/l	83
78) n-propylbenzene	11.35	91	13159	0.732	ug/l	95
79) 2-Chlorotoluene	11.42	91	8137	0.758	ug/l	95
80) 1,3,5-Trimethylbenzene	11.50	105	8991	0.687	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.13	75	108395	62.646	ug/l #	11
82) 4-Chlorotoluene	11.51	91	8933	0.705	ug/l	93
83) tert-Butylbenzene	11.76	119	9298	0.735	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	8525	0.648	ug/l	96
85) sec-Butylbenzene	11.94	105	10553	0.691	ug/l	94
86) p-Isopropyltoluene	12.06	119	9810	0.697	ug/l	87
87) 1,3-Dichlorobenzene	12.02	146	6361	0.826	ug/l	96
88) 1,4-Dichlorobenzene	12.02	146	6361	0.800	ug/l	96
89) n-Butylbenzene	12.38	91	8229	0.657	ug/l	98
90) Hexachloroethane	12.59	117	1989	0.747	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	6170	0.805	ug/l	94
92) 1,2-Dibromo-3-Chloropropan	12.99	75	1181	1.125	ug/l	81
93) 1,2,4-Trichlorobenzene	13.64	180	4482	0.843	ug/l	94

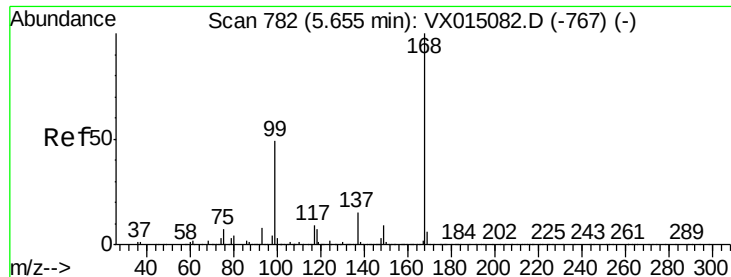
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX030520\
Data File : VX015102.D
Acq On : 05 Mar 2020 11:25
Operator : JC/SP
Sample : L1161-07 .75PPB MDL
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Mar 06 03:05:47 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 06 03:01:48 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.77	225	2241	0.821	ug/l	91
95) Naphthalene	13.83	128	9137	0.629	ug/l #	95
96) 1,2,3-Trichlorobenzene	14.01	180	4563	0.860	ug/l	89

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.00 min

Lab File: VX015102.D

Acq: 05 Mar 2020 11:25

Instrument :

MSVOA_X

ClientSampleId :

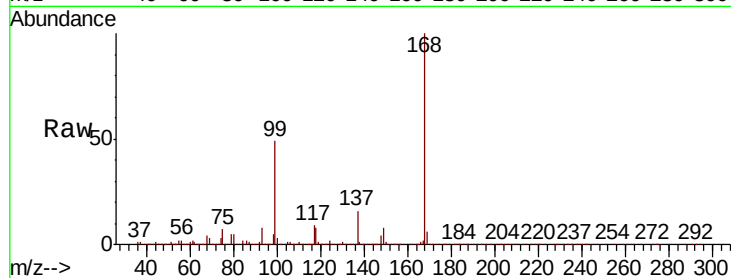
LOD-MDL-WATER-01-QT1-2020DL

Tot Ion:168 Resp: 359212

Ion Ratio Lower Upper

168 100

99 49.3 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

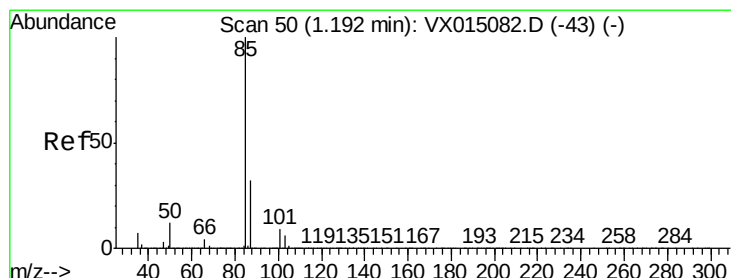
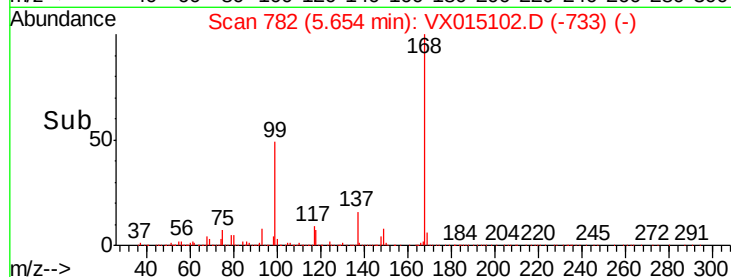
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 0.911 ug/l

RT: 1.19 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX015102.D

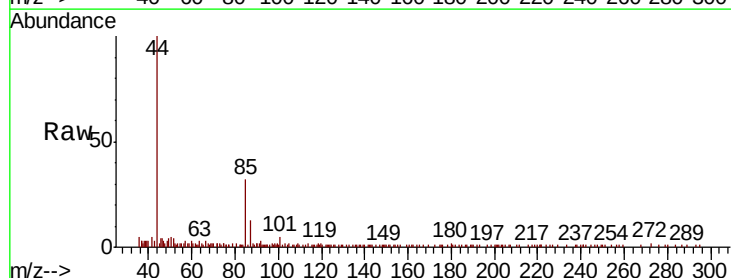
Acq: 05 Mar 2020 11:25

Tgt Ion: 85 Resp: 2867

Ion Ratio Lower Upper

85 100

87 31.2 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

3000

2500

2000

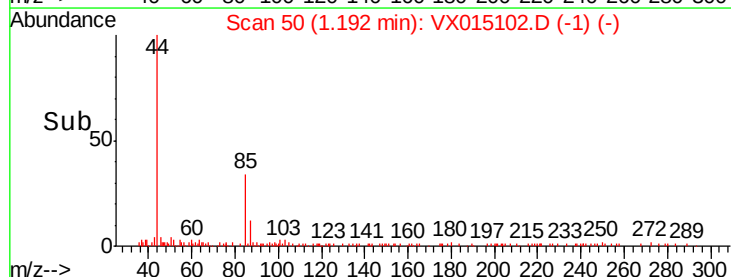
1500

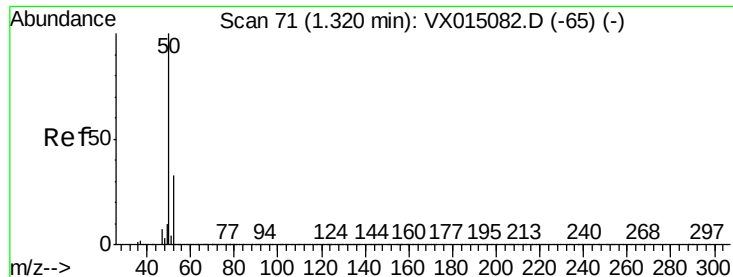
1000

500

0

Time-->

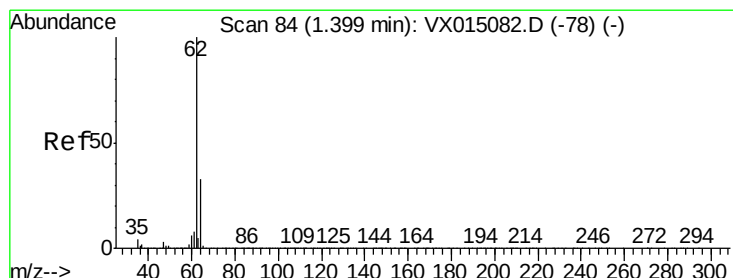
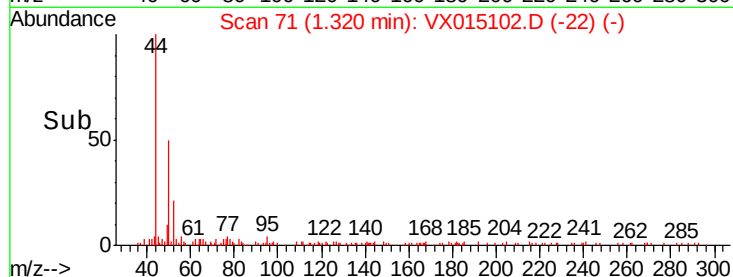
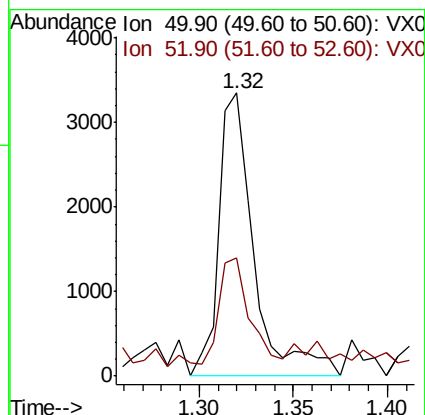
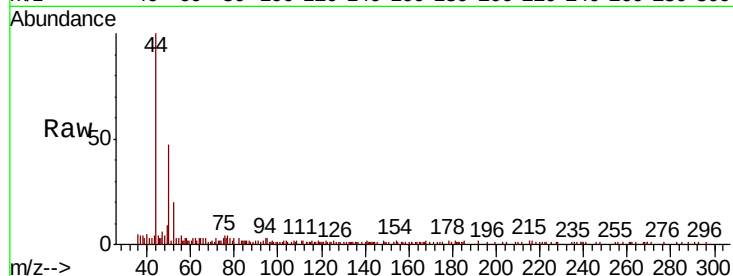




#3
Chloromethane
Concen: 0.969 ug/l
RT: 1.32 min Scan# 71
Delta R.T. -0.00 min
Lab File: VX015102.D
Acq: 05 Mar 2020 11:25

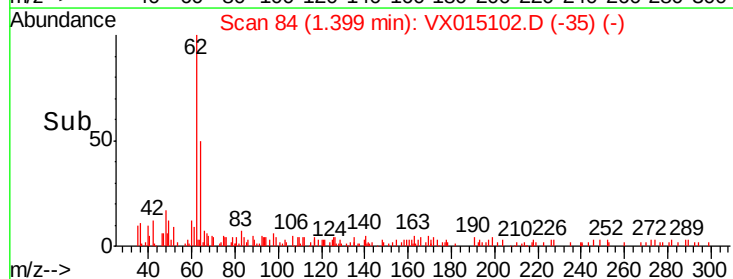
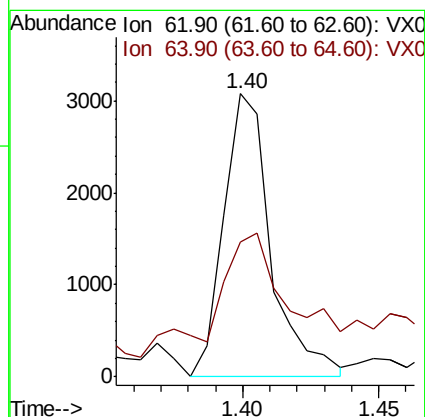
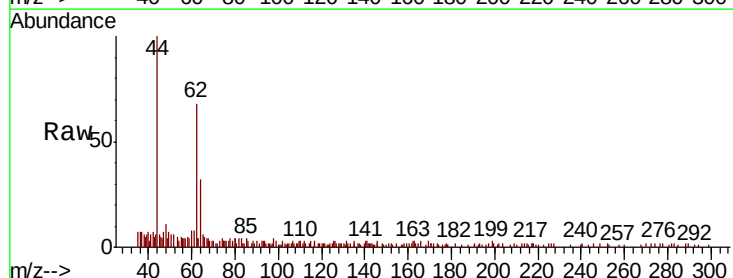
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020DL

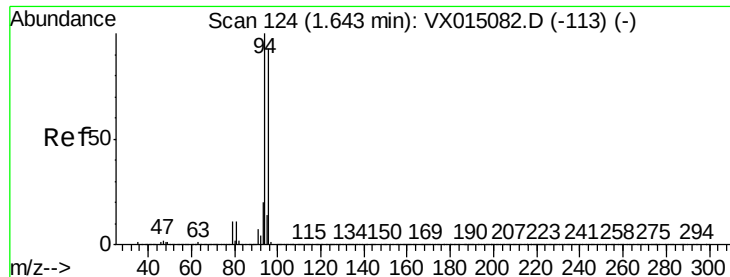
Tot Ion: 50 Resp: 4316
Ion Ratio Lower Upper
50 100
52 37.0 26.2 39.2



#4
Vinyl Chloride
Concen: 0.822 ug/l
RT: 1.40 min Scan# 84
Delta R.T. -0.00 min
Lab File: VX015102.D
Acq: 05 Mar 2020 11:25

Tgt Ion: 62 Resp: 3712
Ion Ratio Lower Upper
62 100
64 33.0 26.1 39.1





#5

Bromomethane

Concen: 1.191 ug/l

RT: 1.64 min Scan# 124

Delta R.T. -0.00 min

Lab File: VX015102.D

Acq: 05 Mar 2020 11:25

Instrument :

MSVOA_X

ClientSampleId :

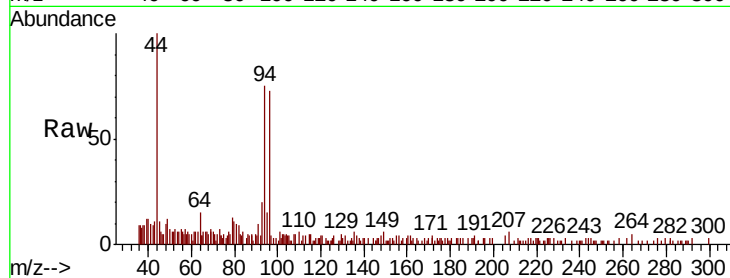
LOD-MDL-WATER-01-QT1-2020DL

Tot Ion: 94 Resp: 3309

Ion Ratio Lower Upper

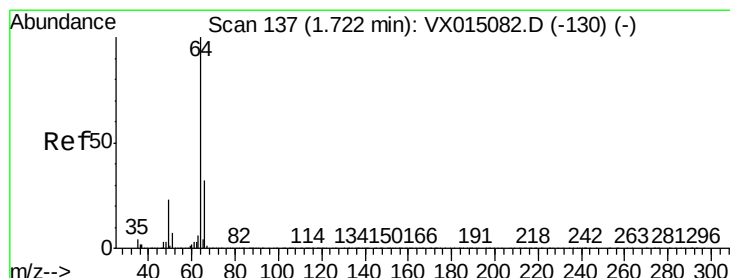
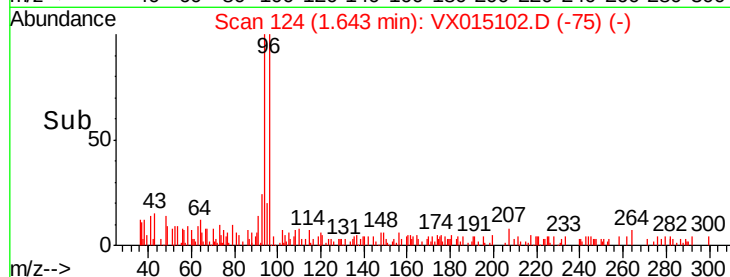
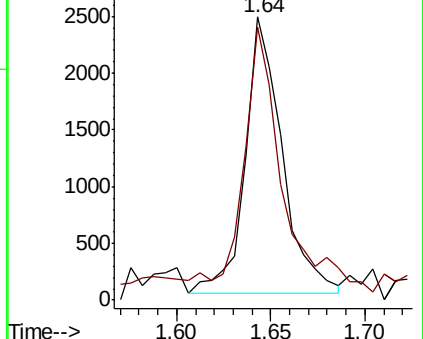
94 100

96 87.5 74.6 111.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 1.069 ug/l

RT: 1.72 min Scan# 137

Delta R.T. -0.00 min

Lab File: VX015102.D

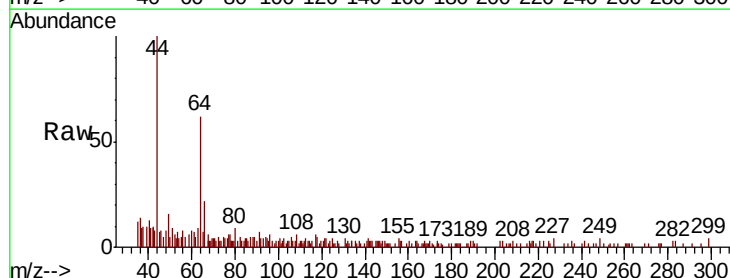
Acq: 05 Mar 2020 11:25

Tgt Ion: 64 Resp: 2897

Ion Ratio Lower Upper

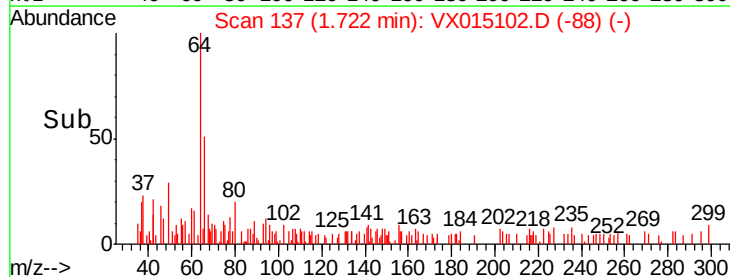
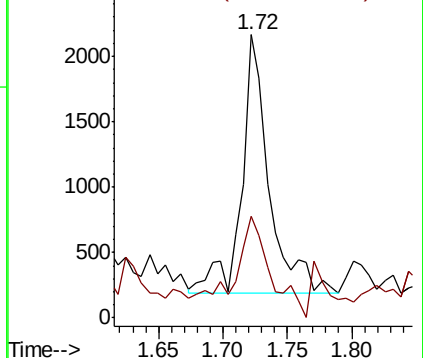
64 100

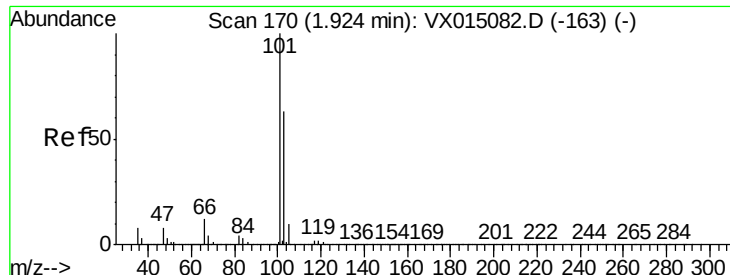
66 32.4 25.8 38.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



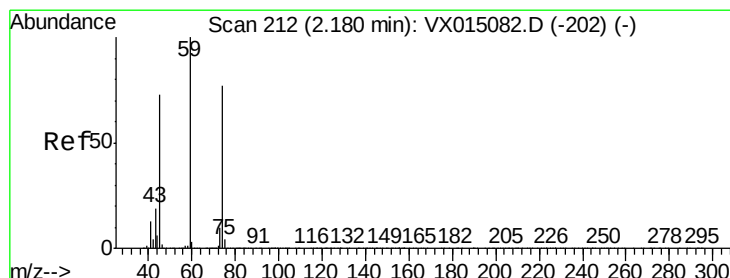
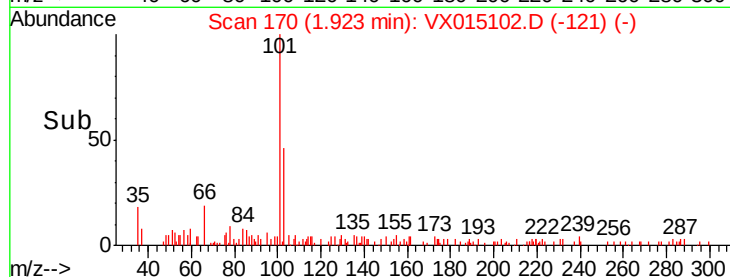
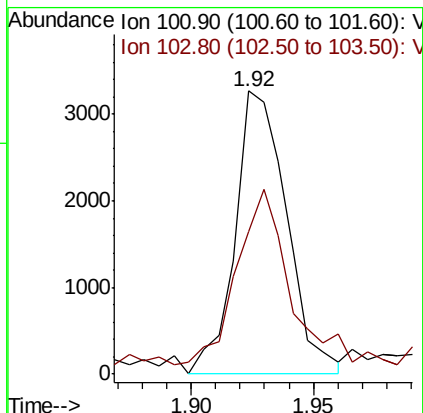
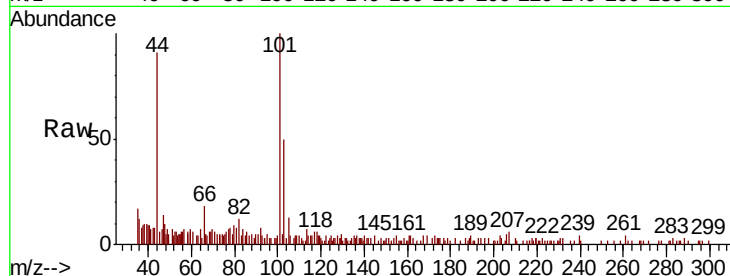


#7

Trichlorofluoromethane
Concen: 0.891 ug/l
RT: 1.92 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX015102.D
Acq: 05 Mar 2020 11:25

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

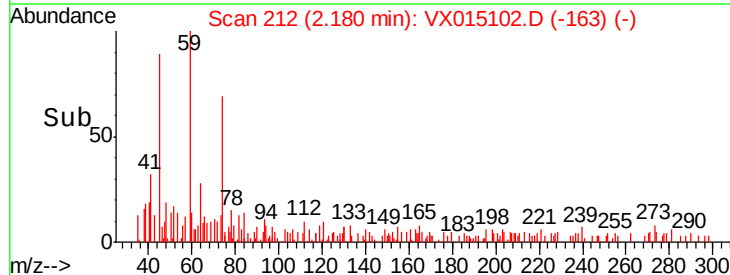
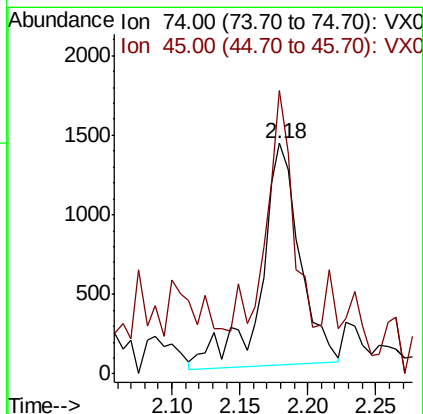
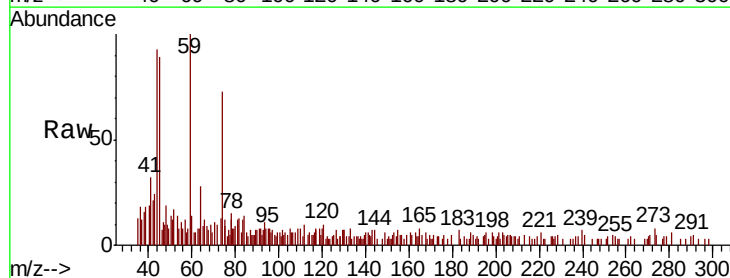
Tot Ion:101 Resp: 4790
Ion Ratio Lower Upper
101 100
103 47.9 50.4 75.6#

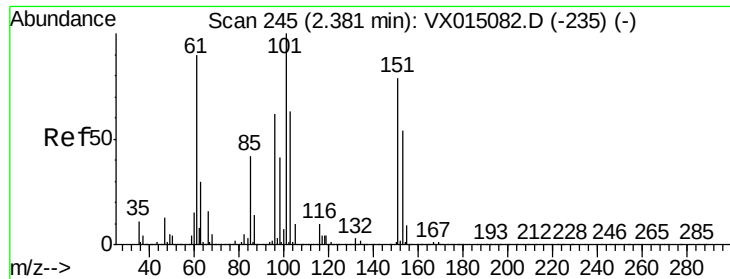


#8

Diethyl Ether
Concen: 1.140 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX015102.D
Acq: 05 Mar 2020 11:25

Tgt Ion: 74 Resp: 2777
Ion Ratio Lower Upper
74 100
45 71.1 49.2 147.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.859 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX015102.D

Acq: 05 Mar 2020 11:25

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020DL

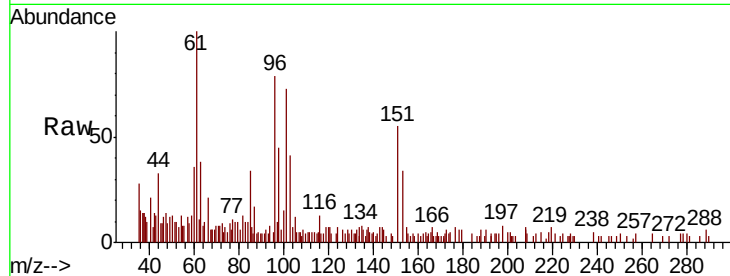
Tot Ion:101 Resp: 2906

Ion Ratio Lower Upper

101 100

85 49.8 33.7 50.5

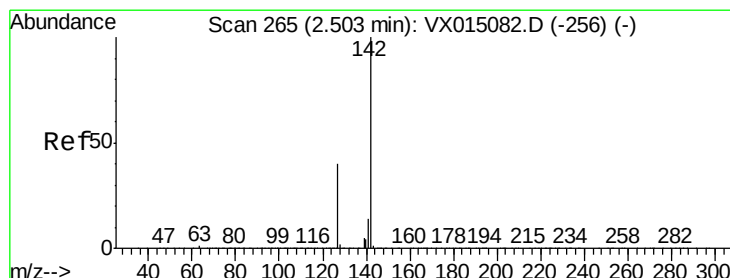
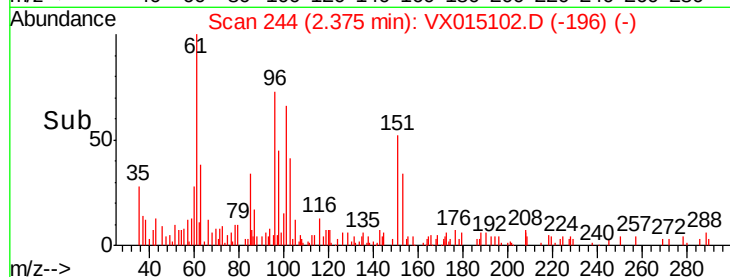
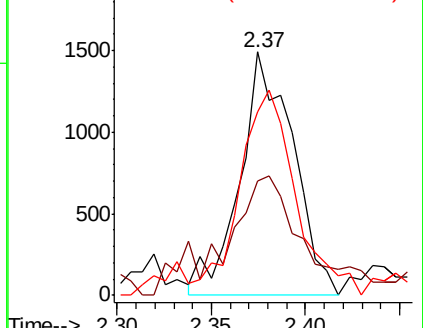
151 89.3 64.0 96.0



Abundance Ion 100.90 (100.60 to 101.60): V

2000 Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 0.895 ug/l

RT: 2.50 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX015102.D

Acq: 05 Mar 2020 11:25

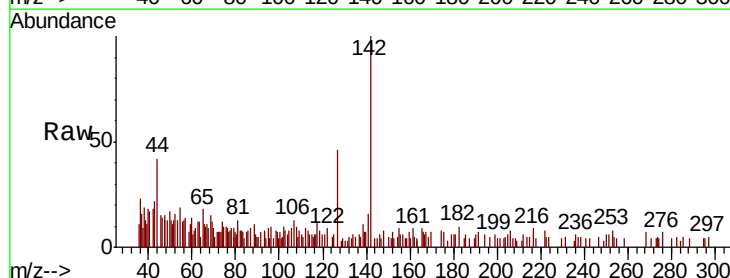
Tgt Ion:142 Resp: 3420

Ion Ratio Lower Upper

142 100

127 34.6 31.7 47.5

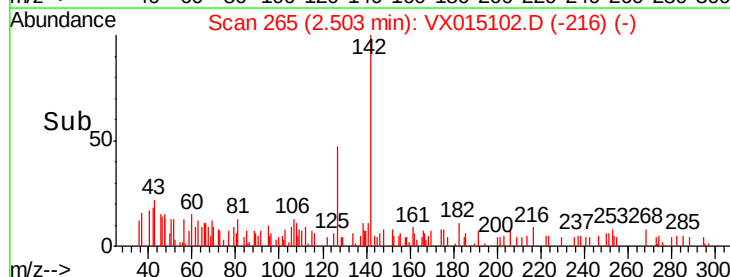
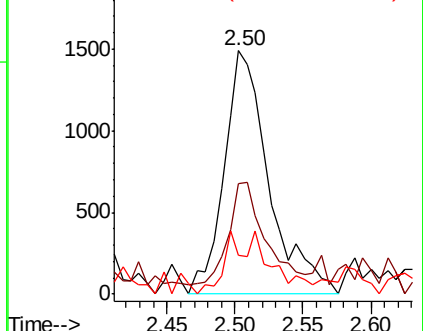
141 11.5 11.3 16.9

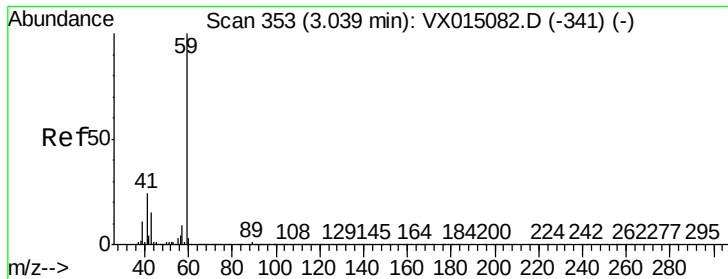


Abundance Ion 141.80 (141.50 to 142.50): V

2000 Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



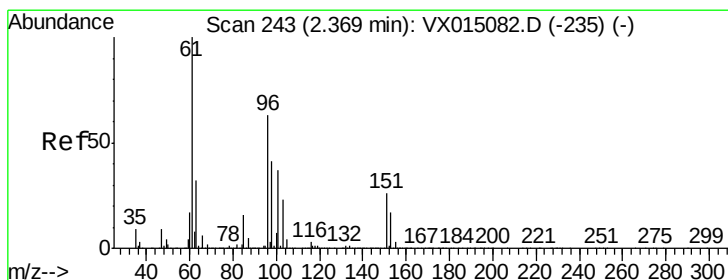
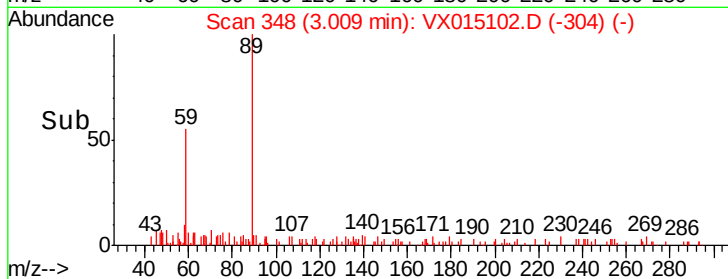
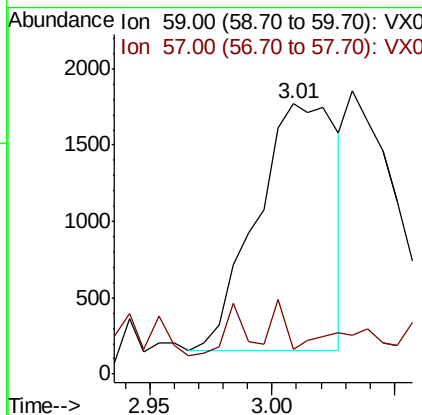
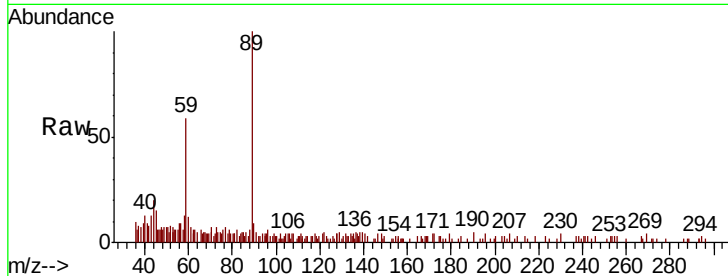


#11

Tert butyl alcohol
Concen: 4.999 ug/l
RT: 3.01 min Scan# 348
Delta R.T. -0.03 min
Lab File: VX015102.D
Acq: 05 Mar 2020 11:25

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

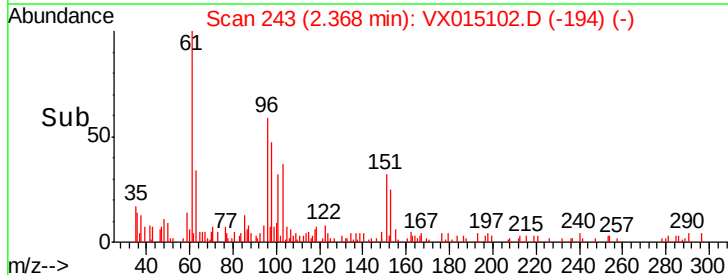
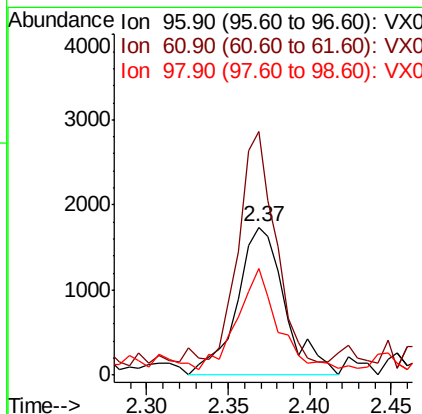
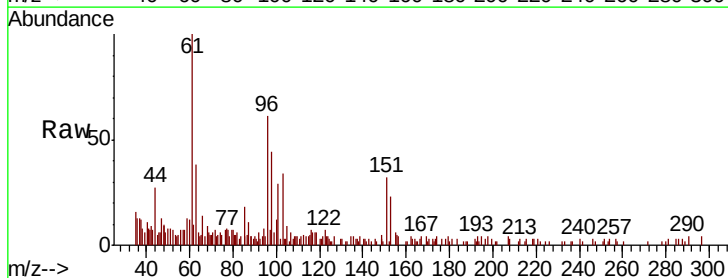
Tot Ion: 59 Resp: 3696
Ion Ratio Lower Upper
59 100
57 7.1 8.2 12.4#

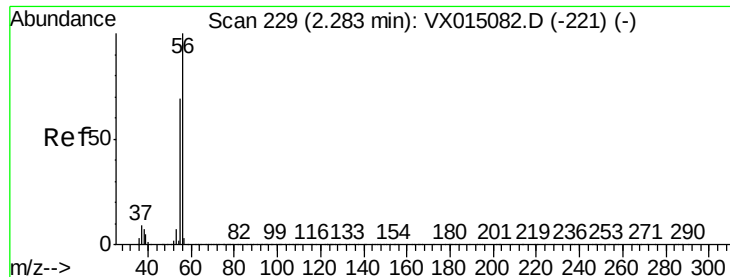


#12

1,1-Dichloroethene
Concen: 1.018 ug/l
RT: 2.37 min Scan# 243
Delta R.T. -0.00 min
Lab File: VX015102.D
Acq: 05 Mar 2020 11:25

Tgt Ion: 96 Resp: 3554
Ion Ratio Lower Upper
96 100
61 149.7 126.2 189.4
98 67.1 51.4 77.0

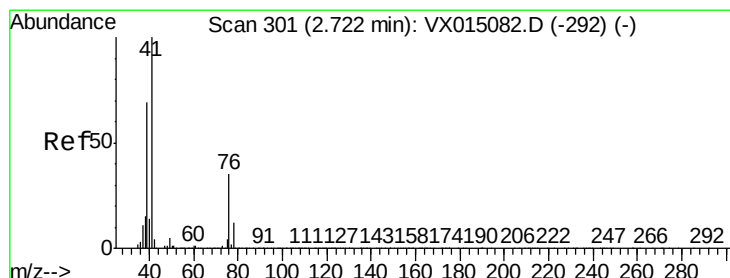
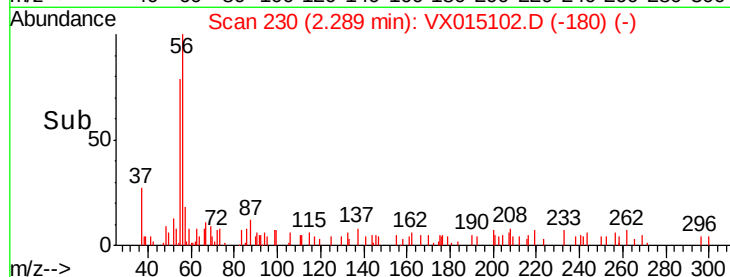
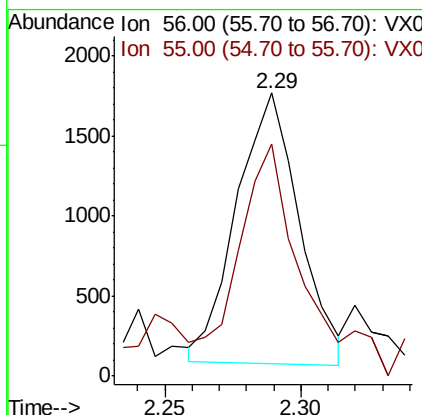
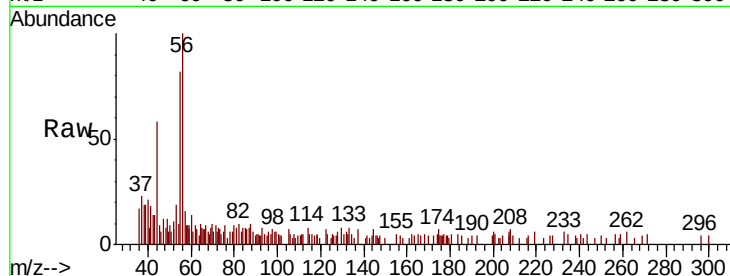




#13
Acrolein
Concen: 3.884 ug/l
RT: 2.29 min Scan# 230
Delta R.T. 0.01 min
Lab File: VX015102.D
Acq: 05 Mar 2020 11:25

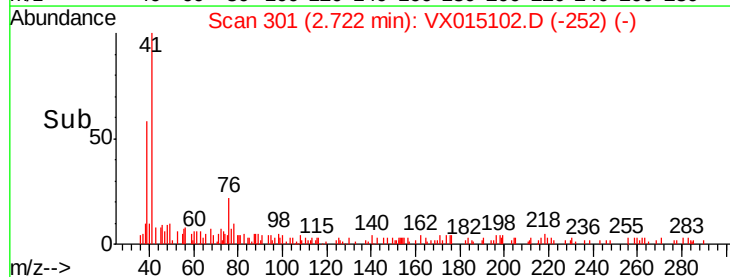
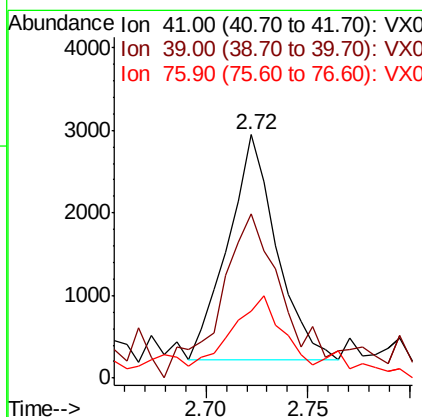
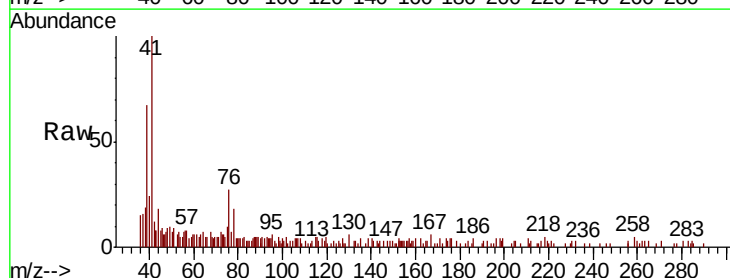
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020DL

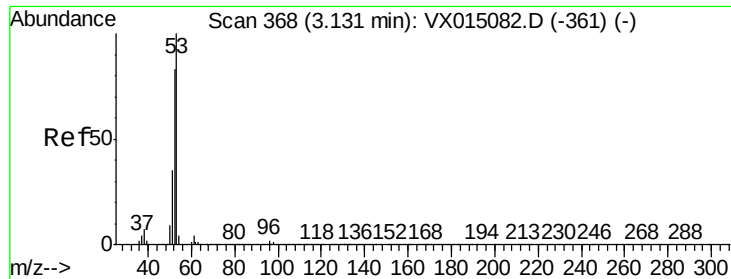
Tot Ion: 56 Resp: 2699
Ion Ratio Lower Upper
56 100
55 88.9 55.4 83.0#



#14
Allyl chloride
Concen: 0.743 ug/l
RT: 2.72 min Scan# 301
Delta R.T. -0.00 min
Lab File: VX015102.D
Acq: 05 Mar 2020 11:25

Tgt Ion: 41 Resp: 4523
Ion Ratio Lower Upper
41 100
39 95.8 52.9 79.3#
76 30.1 26.8 40.2





#15

Acrylonitrile

Concen: 4.527 ug/l

RT: 3.14 min Scan# 369

Delta R.T. 0.01 min

Lab File: VX015102.D

Acq: 05 Mar 2020 11:25

Instrument :

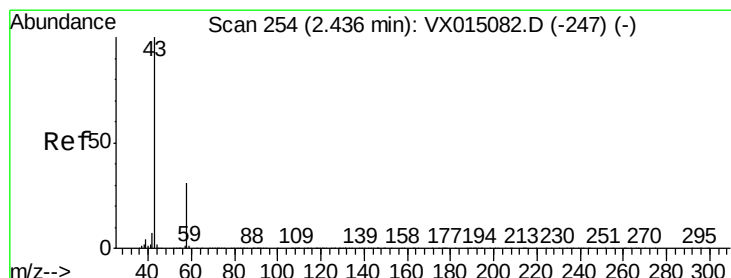
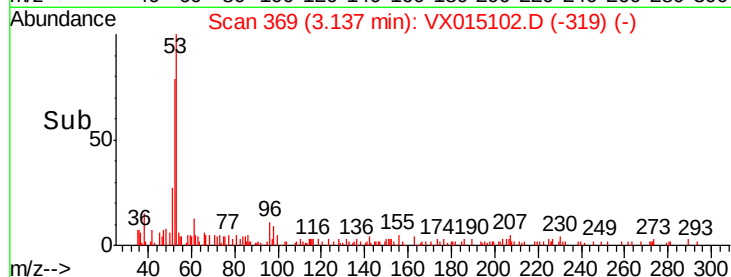
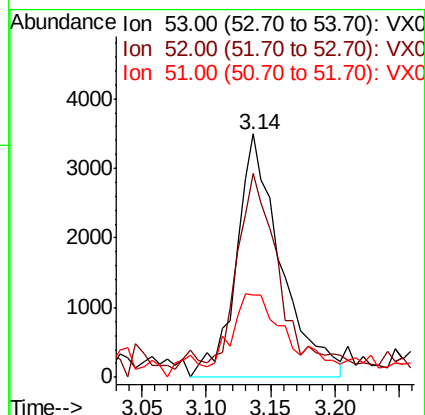
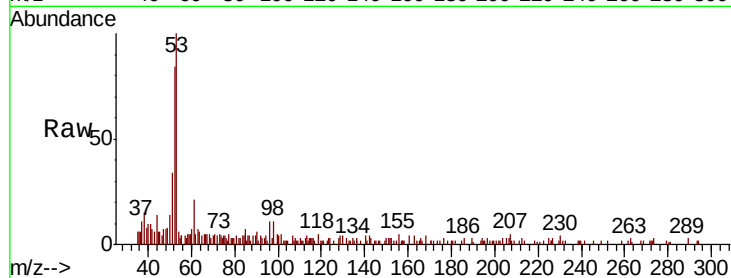
MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020DL

Tot Ion: 53 Resp: 8335

Ion	Ratio	Lower	Upper
53	100		
52	73.1	66.6	100.0
51	30.7	29.0	43.6



#16

Acetone

Concen: 4.606 ug/l

RT: 2.44 min Scan# 254

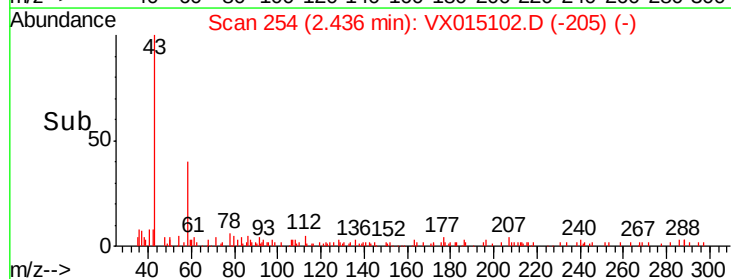
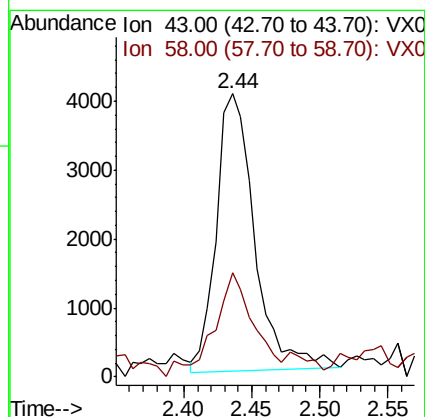
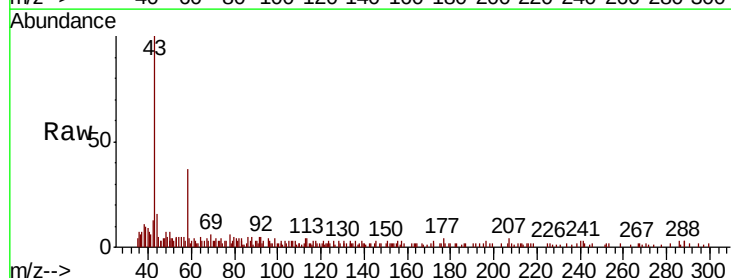
Delta R.T. -0.00 min

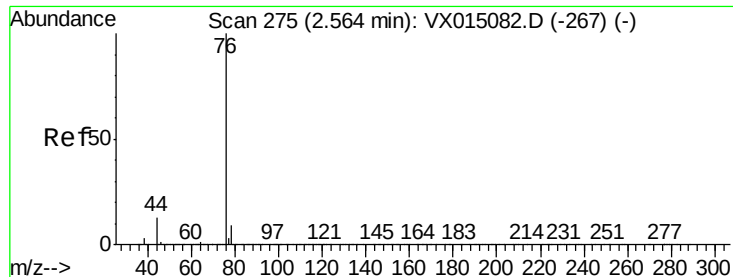
Lab File: VX015102.D

Acq: 05 Mar 2020 11:25

Tgt Ion: 43 Resp: 7949

Ion	Ratio	Lower	Upper
43	100		
58	33.8	24.8	37.2





#17

Carbon Disulfide

Concen: 0.888 ug/l

RT: 2.56 min Scan# 275

Delta R.T. -0.00 min

Lab File: VX015102.D

Acq: 05 Mar 2020 11:25

Instrument :

MSVOA_X

ClientSampleId :

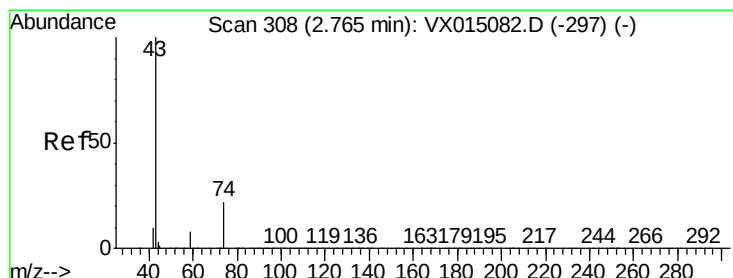
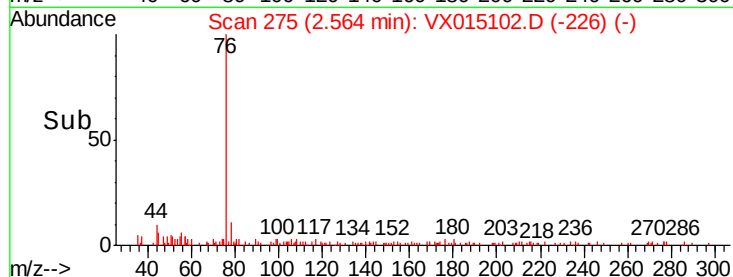
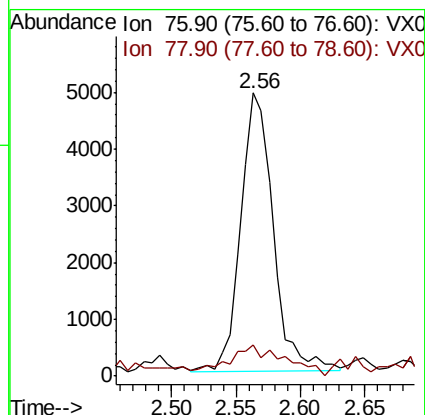
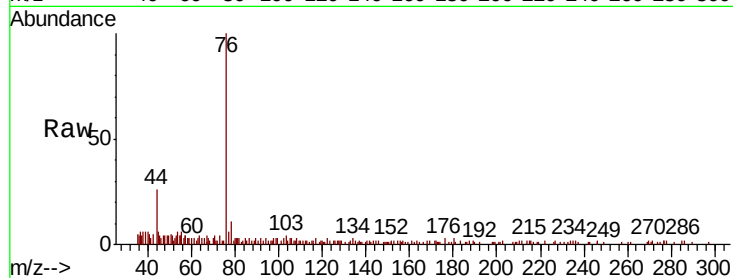
LOD-MDL-WATER-01-QT1-2020DL

Tot Ion: 76 Resp: 8605

Ion Ratio Lower Upper

76 100

78 9.0 7.3 10.9



#18

Methyl Acetate

Concen: 1.048 ug/l

RT: 2.76 min Scan# 308

Delta R.T. -0.00 min

Lab File: VX015102.D

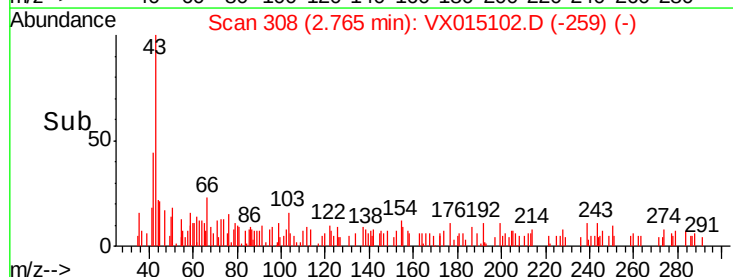
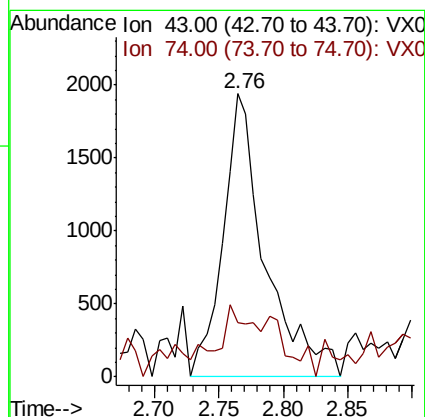
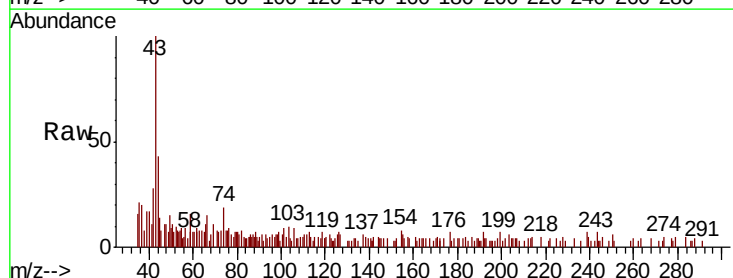
Acq: 05 Mar 2020 11:25

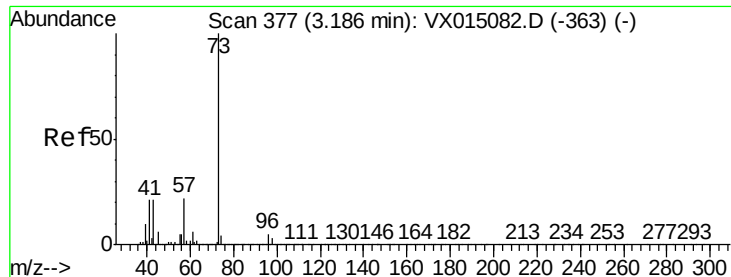
Tgt Ion: 43 Resp: 4423

Ion Ratio Lower Upper

43 100

74 13.6 18.8 28.2#

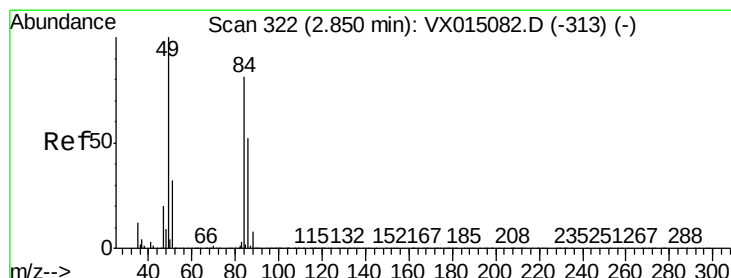
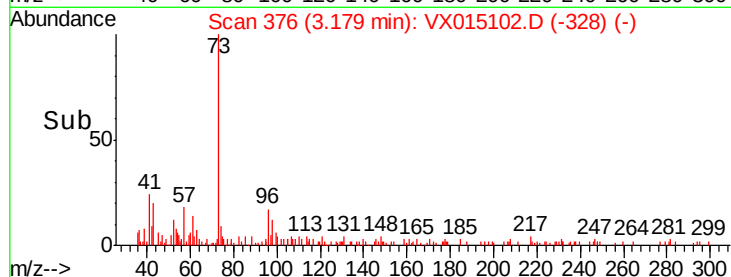
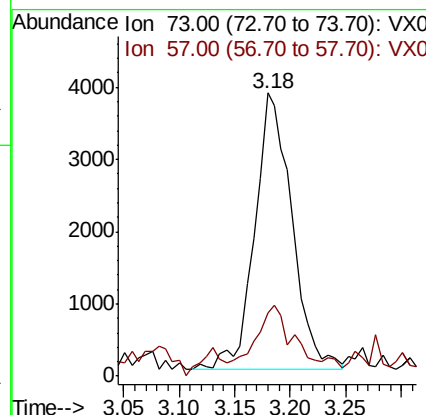
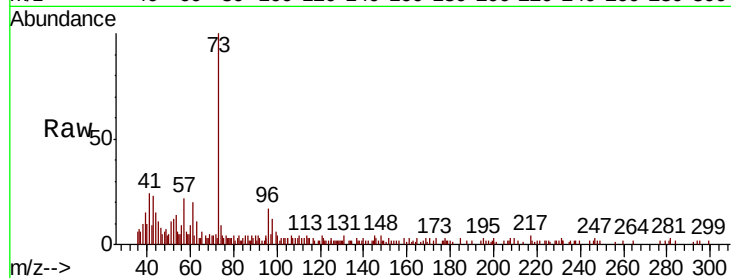




#19
Methyl tert-butyl Ether
Concen: 0.808 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX015102.D
Acq: 05 Mar 2020 11:25

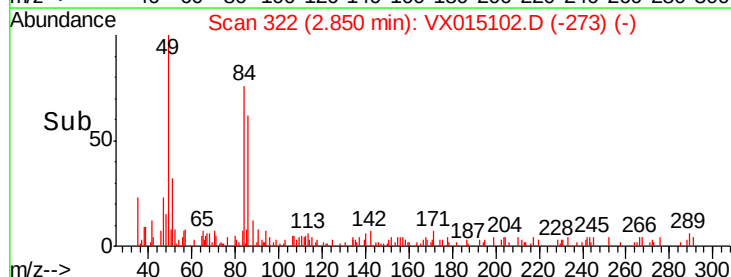
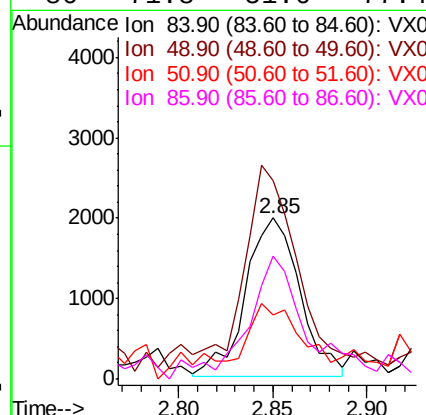
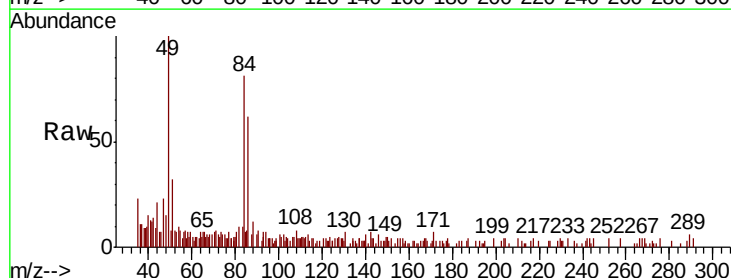
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020DL

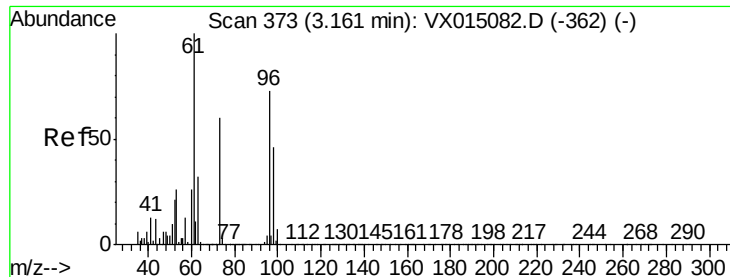
Tot Ion: 73 Resp: 8817
Ion Ratio Lower Upper
73 100
57 20.0 17.8 26.6



#20
Methylene Chloride
Concen: 0.979 ug/l
RT: 2.85 min Scan# 322
Delta R.T. -0.00 min
Lab File: VX015102.D
Acq: 05 Mar 2020 11:25

Tgt Ion: 84 Resp: 3954
Ion Ratio Lower Upper
84 100
49 111.0 99.4 149.2
51 32.7 31.5 47.3
86 71.8 51.6 77.4





#21

trans-1,2-Dichloroethene

Concen: 0.907 ug/l

RT: 3.16 min Scan# 373

Delta R.T. -0.00 min

Lab File: VX015102.D

Acq: 05 Mar 2020 11:25

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020DL

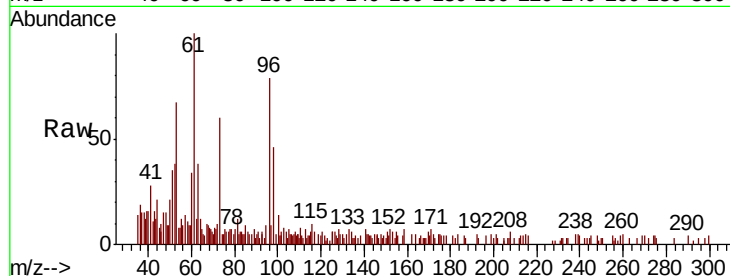
Tot Ion: 96 Resp: 3381

Ion Ratio Lower Upper

96 100

61 120.1 109.9 164.9

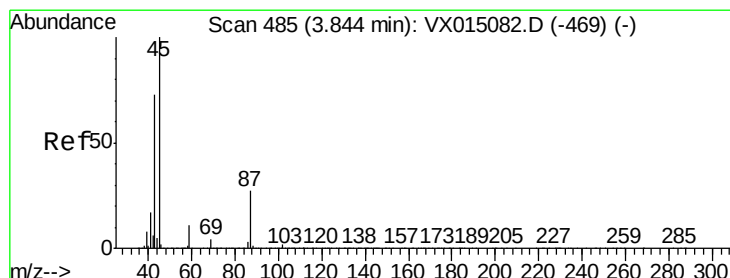
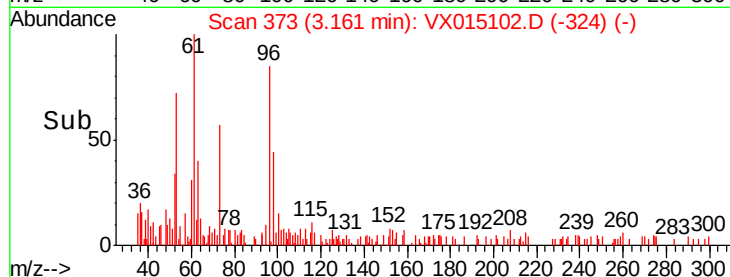
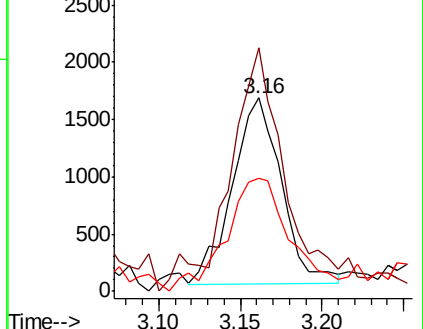
98 54.7 50.2 75.2



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: 0.715 ug/l

RT: 3.85 min Scan# 486

Delta R.T. 0.01 min

Lab File: VX015102.D

Acq: 05 Mar 2020 11:25

Tgt Ion: 45 Resp: 8672

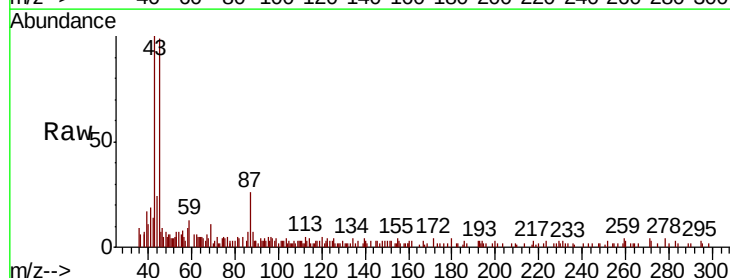
Ion Ratio Lower Upper

45 100

43 101.4 58.2 87.2#

87 24.5 21.2 31.8

59 4.8 8.9 13.3#

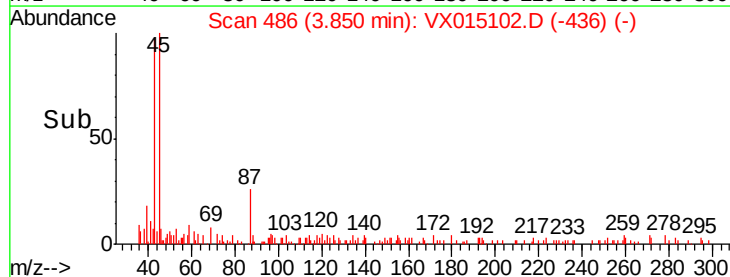
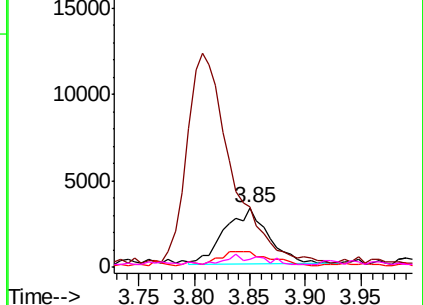


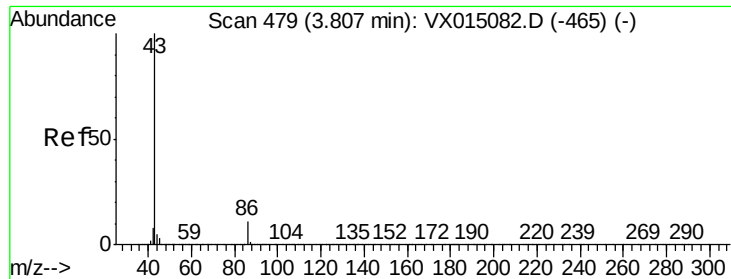
Abundance Ion 45.00 (44.70 to 45.70): VX0

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

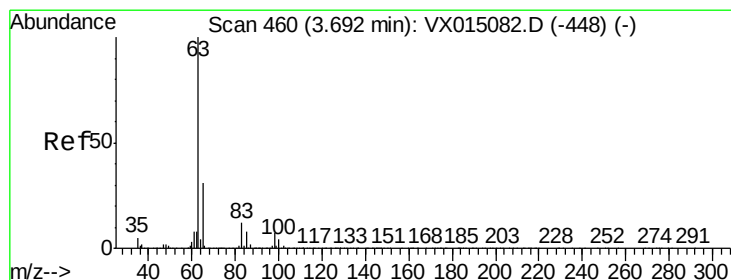
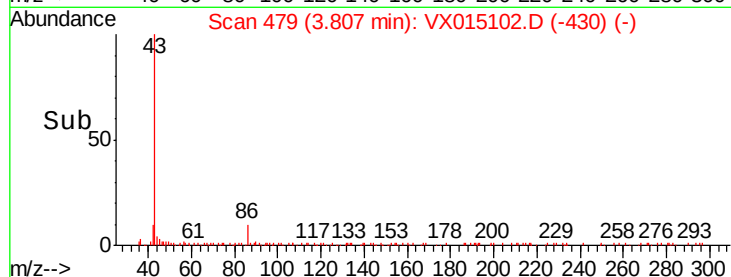
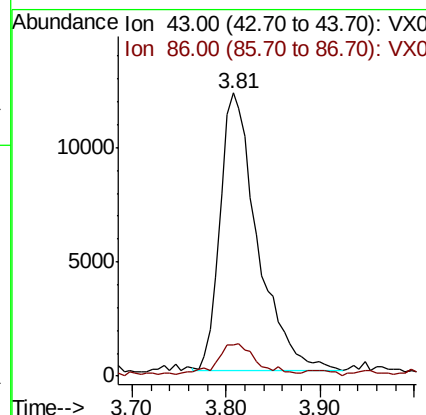
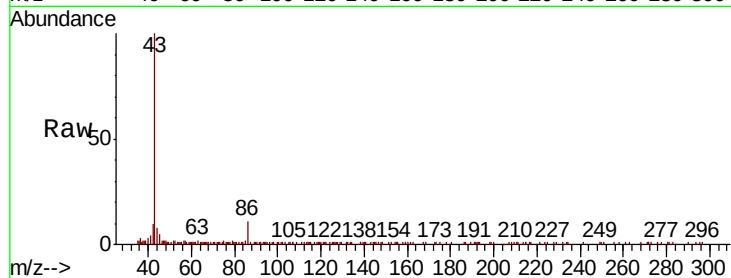




#23
 Vinyl Acetate
 Concen: 3.350 ug/l
 RT: 3.81 min Scan# 479
 Delta R.T. -0.00 min
 Lab File: VX015102.D
 Acq: 05 Mar 2020 11:25

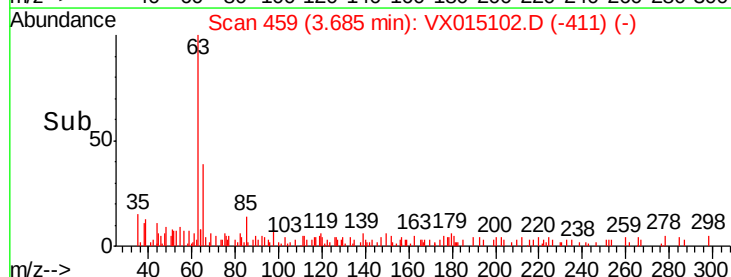
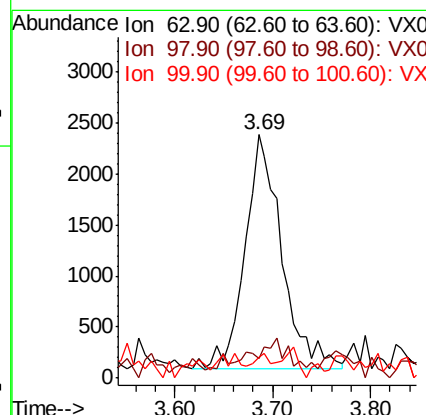
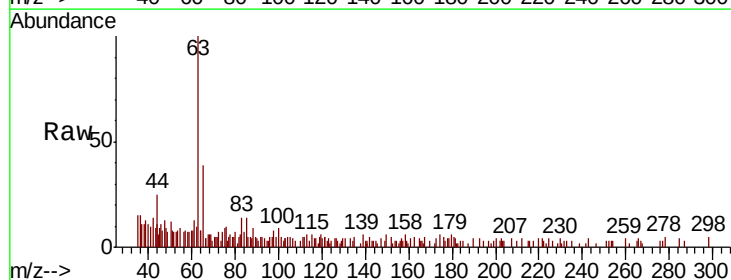
Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2020DL

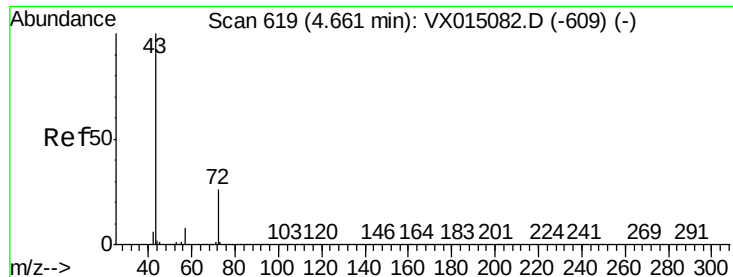
Tot Ion: 43 Resp: 33396
 Ion Ratio Lower Upper
 43 100
 86 11.3 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 0.897 ug/l
 RT: 3.69 min Scan# 459
 Delta R.T. -0.01 min
 Lab File: VX015102.D
 Acq: 05 Mar 2020 11:25

Tgt Ion: 63 Resp: 6038
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.7 11.1#
 100 0.6 2.1 6.5#

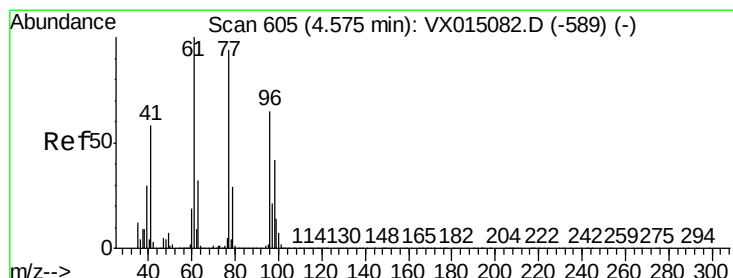
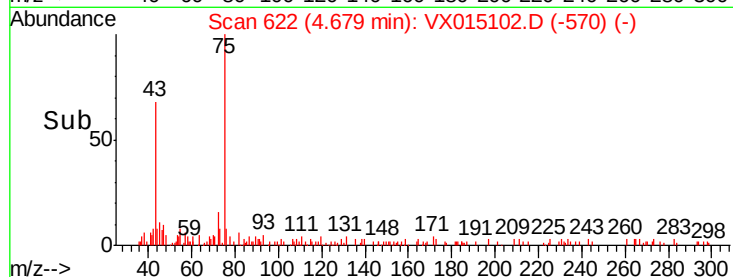
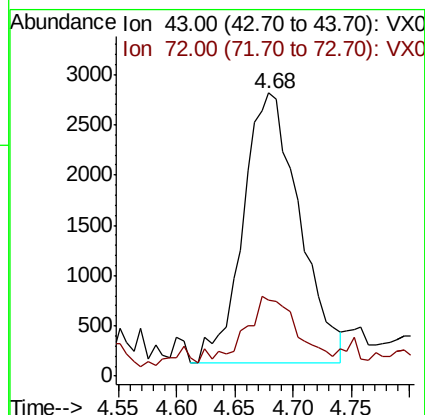
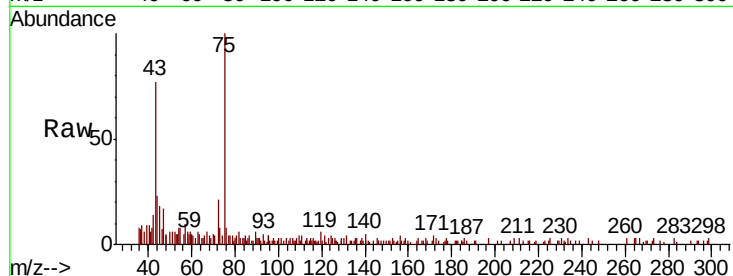




#25
2-Butanone
Concen: 3.560 ug/l
RT: 4.68 min Scan# 622
Delta R.T. 0.02 min
Lab File: VX015102.D
Acq: 05 Mar 2020 11:25

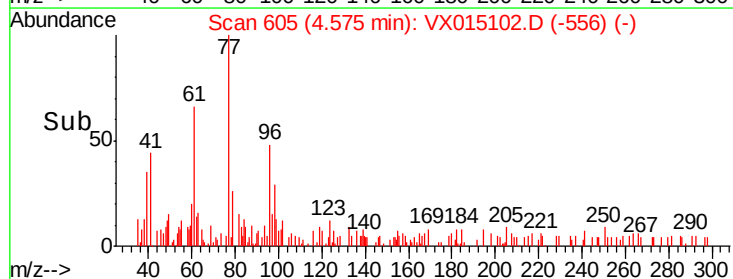
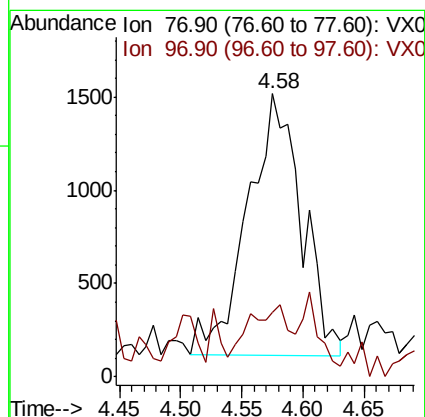
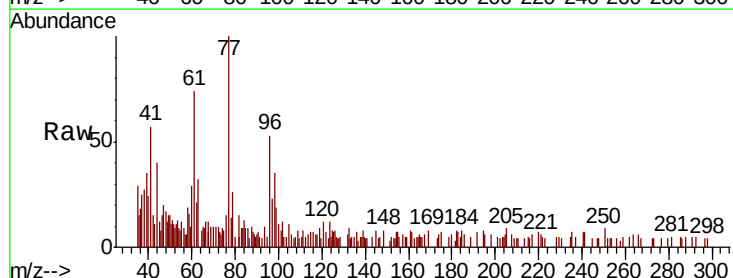
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020DL

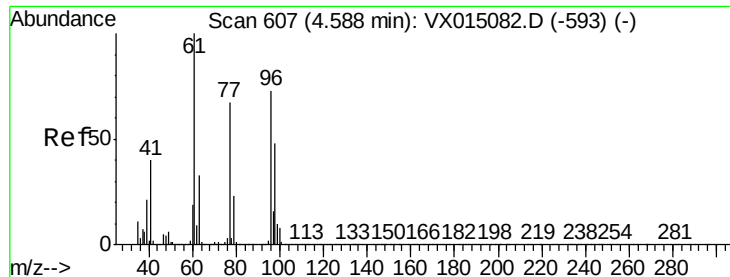
Tot Ion: 43 Resp: 8995
Ion Ratio Lower Upper
43 100
72 21.1 20.6 30.8



#26
2,2-Dichloropropane
Concen: 0.806 ug/l
RT: 4.58 min Scan# 605
Delta R.T. -0.00 min
Lab File: VX015102.D
Acq: 05 Mar 2020 11:25

Tgt Ion: 77 Resp: 4309
Ion Ratio Lower Upper
77 100
97 19.6 11.8 35.4



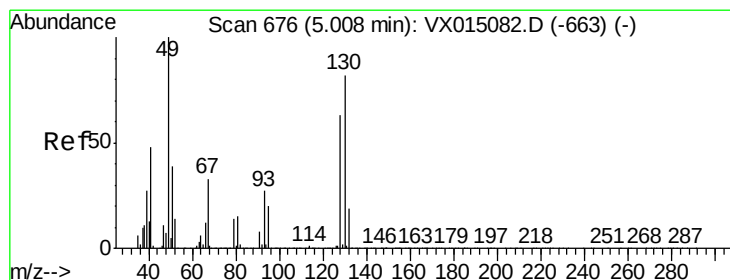
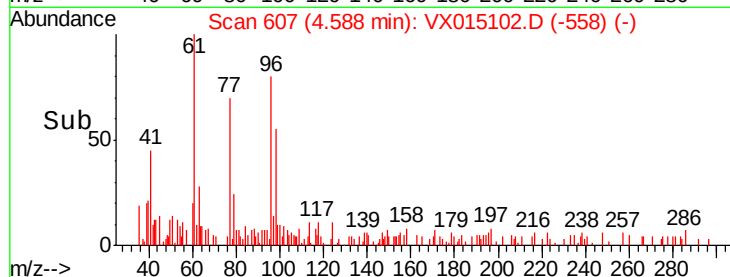
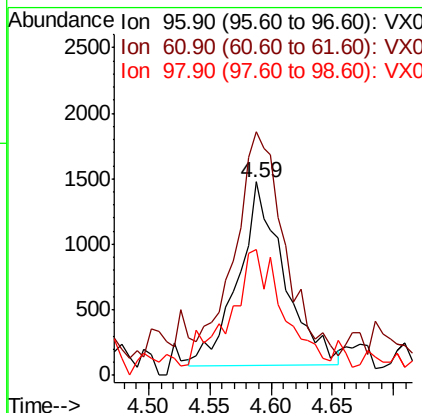
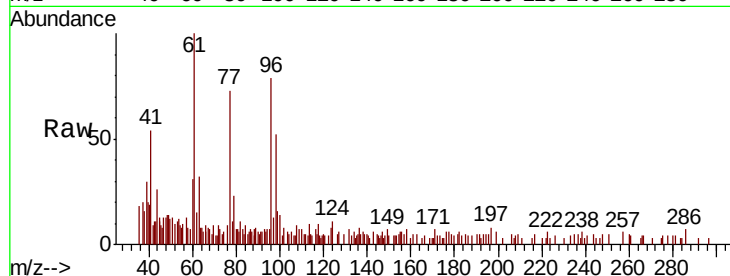


#27

cis-1,2-Dichloroethene
 Concen: 0.875 ug/l
 RT: 4.59 min Scan# 607
 Delta R.T. -0.00 min
 Lab File: VX015102.D
 Acq: 05 Mar 2020 11:25

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

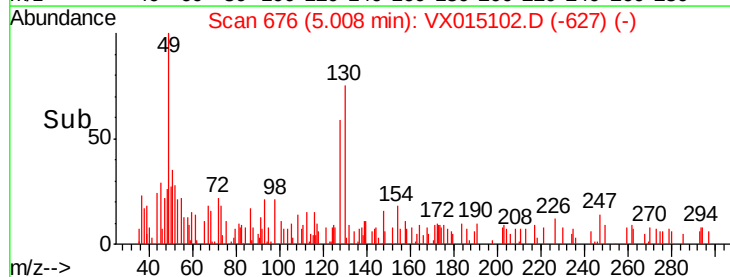
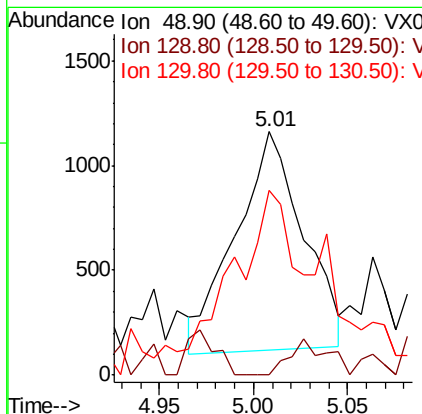
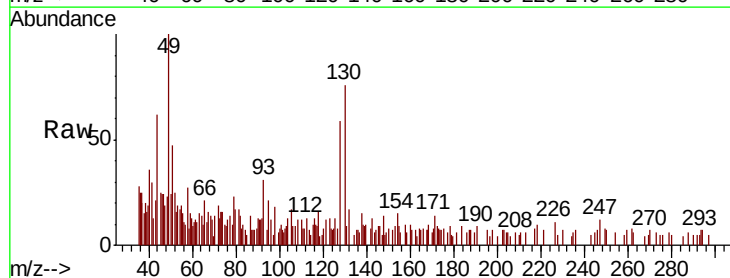
Tot Ion	Ratio	Lower	Upper
96	100		
61	139.2	0.0	286.8
98	72.9	0.0	128.4

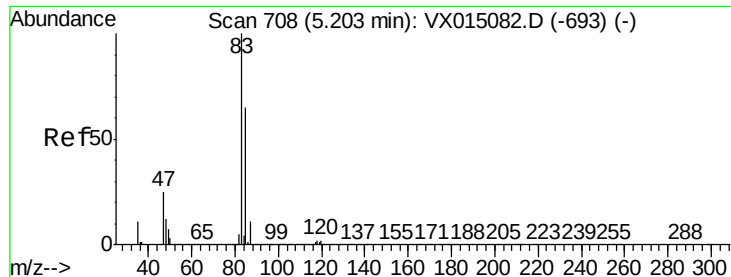


#28

Bromochloromethane
 Concen: 0.843 ug/l
 RT: 5.01 min Scan# 676
 Delta R.T. -0.00 min
 Lab File: VX015102.D
 Acq: 05 Mar 2020 11:25

Tgt Ion	Ratio	Lower	Upper
49	100		
129	9.1	0.0	4.4#
130	71.3	65.0	97.6

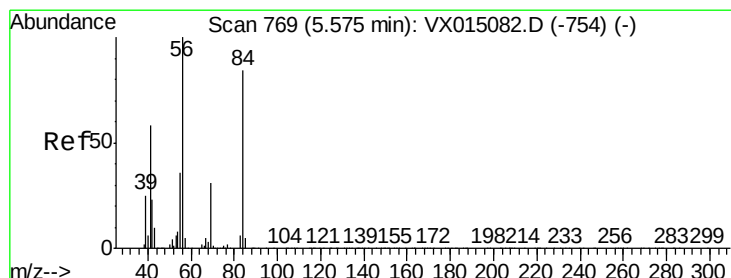
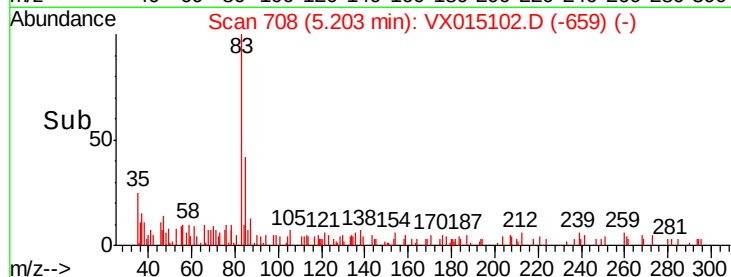
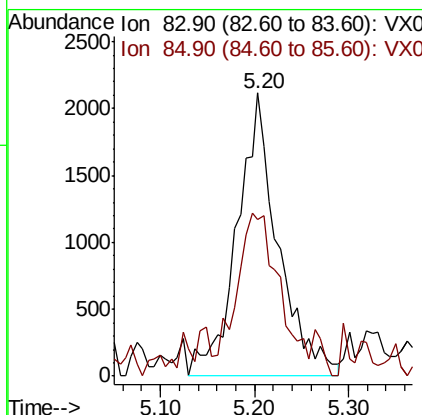
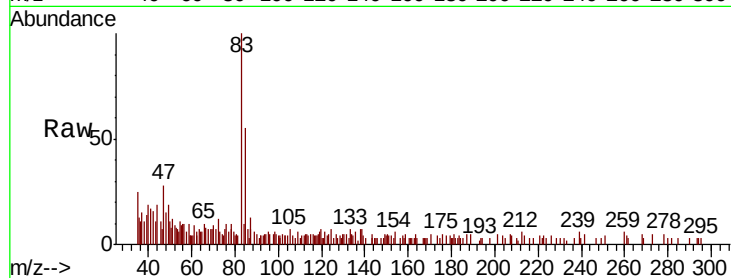




#30
Chloroform
Concen: 0.979 ug/l
RT: 5.20 min Scan# 708
Delta R.T. -0.00 min
Lab File: VX015102.D
Acq: 05 Mar 2020 11:25

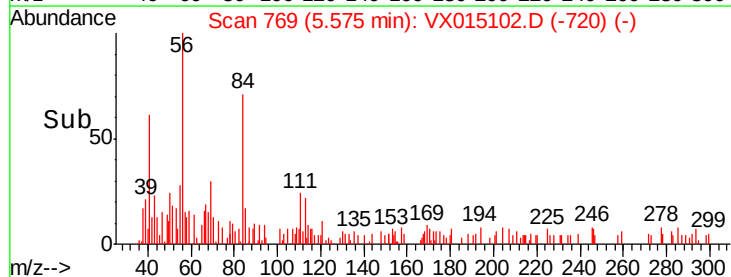
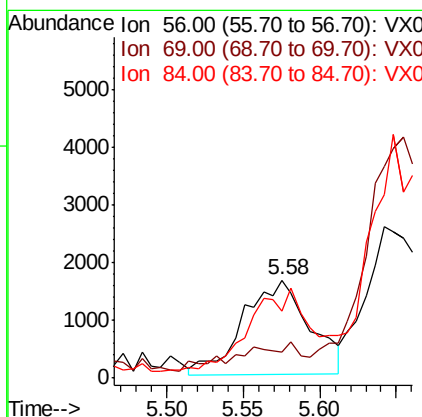
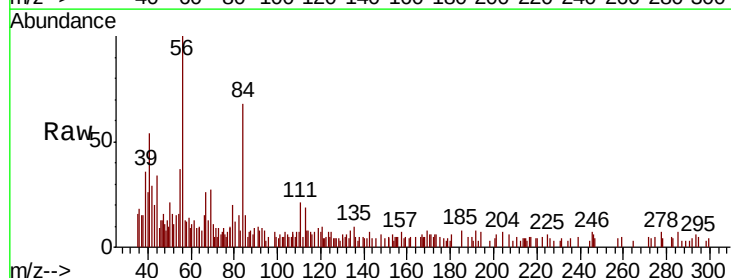
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020DL

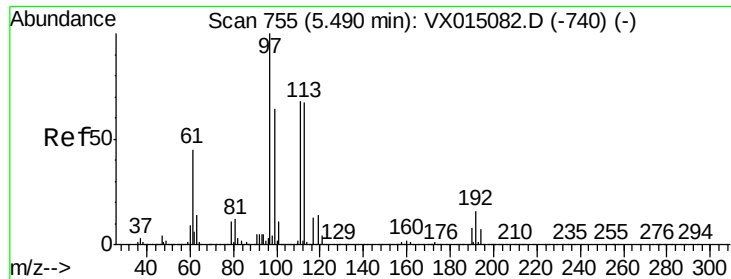
Tot Ion: 83 Resp: 6420
Ion Ratio Lower Upper
83 100
85 57.6 52.0 78.0



#31
Cyclohexane
Concen: 0.825 ug/l
RT: 5.58 min Scan# 769
Delta R.T. -0.00 min
Lab File: VX015102.D
Acq: 05 Mar 2020 11:25

Tgt Ion: 56 Resp: 4954
Ion Ratio Lower Upper
56 100
69 11.0 25.0 37.6#
84 63.1 67.6 101.4#





#32

1,1,1-Trichloroethane

Concen: 0.854 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX015102.D

Acq: 05 Mar 2020 11:25

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020DL

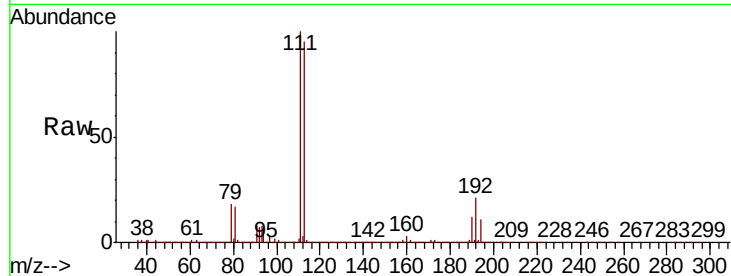
Tot Ion: 97 Resp: 4642

Ion Ratio Lower Upper

97 100

99 0.0 52.8 79.2#

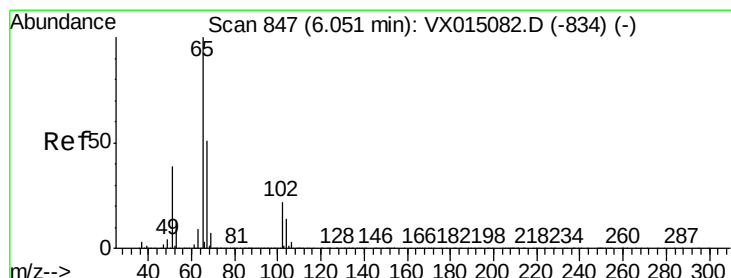
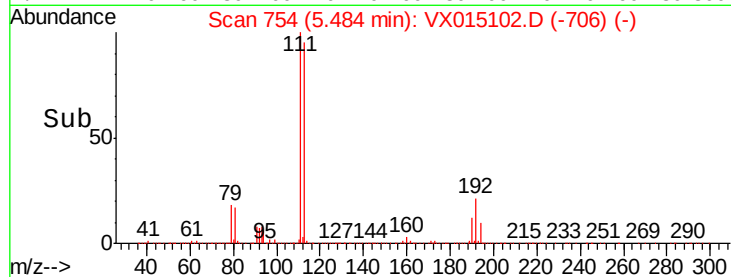
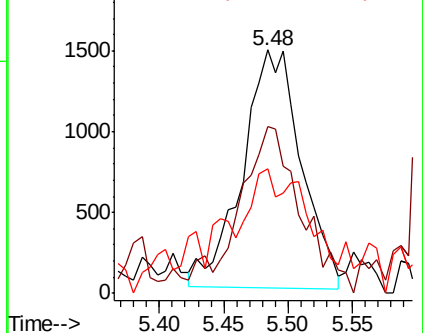
61 12.8 36.6 54.8#



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: 49.735 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX015102.D

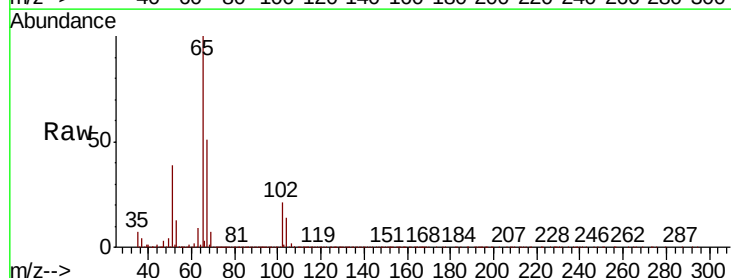
Acq: 05 Mar 2020 11:25

Tgt Ion: 65 Resp: 211951

Ion Ratio Lower Upper

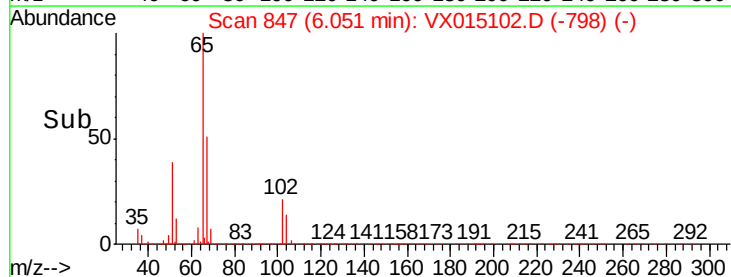
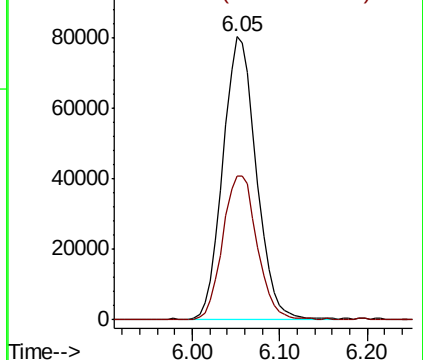
65 100

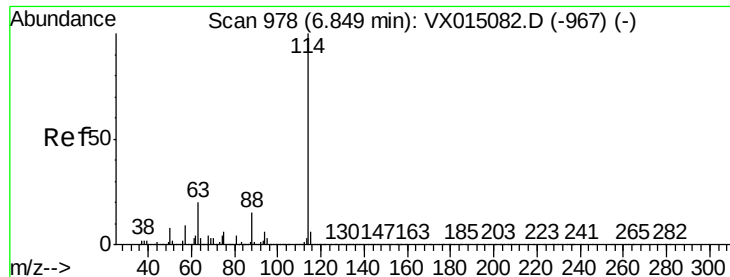
67 53.0 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

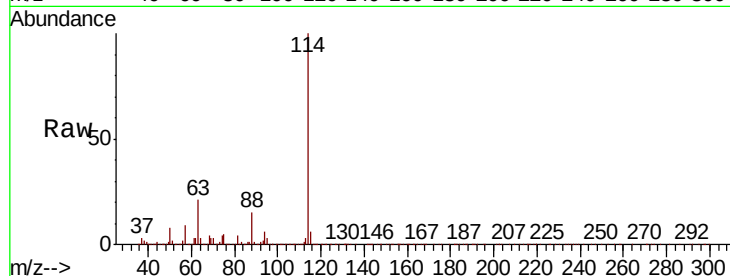




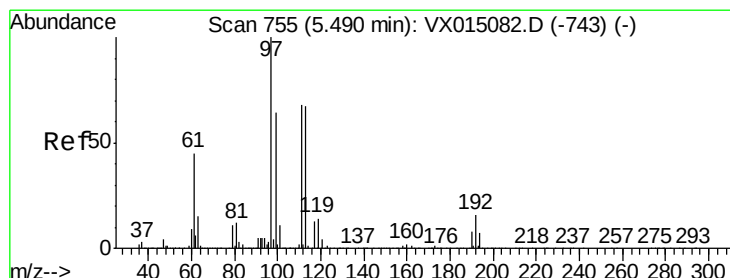
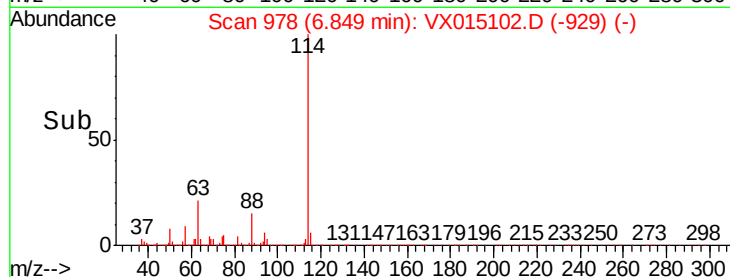
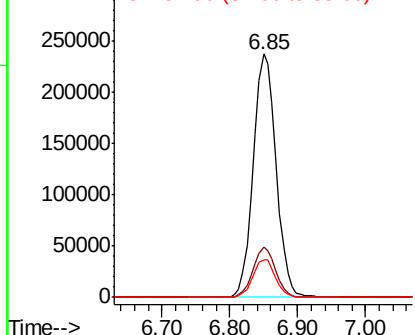
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. -0.00 min
Lab File: VX015102.D
Acq: 05 Mar 2020 11:25

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

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	40.0
88	15.3	0.0	30.6

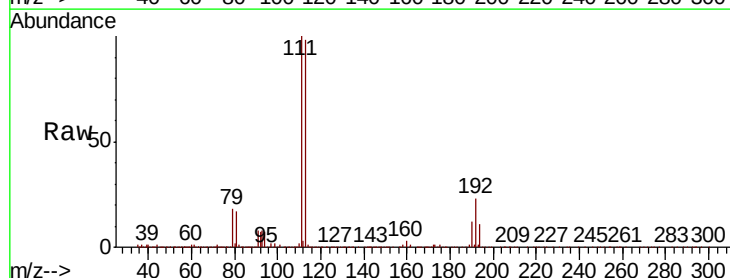


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

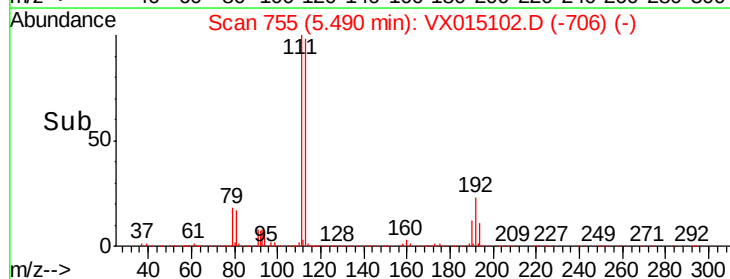
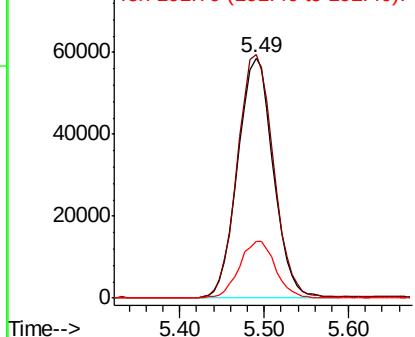


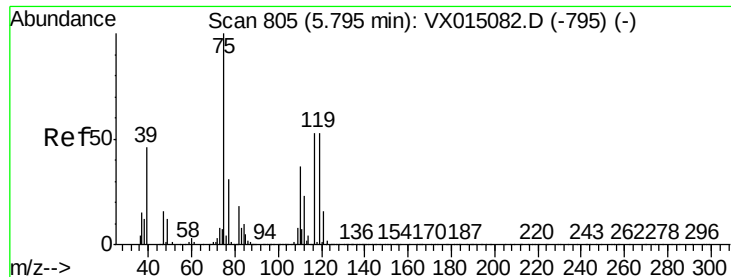
#35
Dibromofluoromethane
Concen: 47.704 ug/l
RT: 5.49 min Scan# 755
Delta R.T. -0.00 min
Lab File: VX015102.D
Acq: 05 Mar 2020 11:25

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.6	123.8
192	23.9	18.6	28.0



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 0.842 ug/l

RT: 5.79 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX015102.D

Acq: 05 Mar 2020 11:25

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020DL

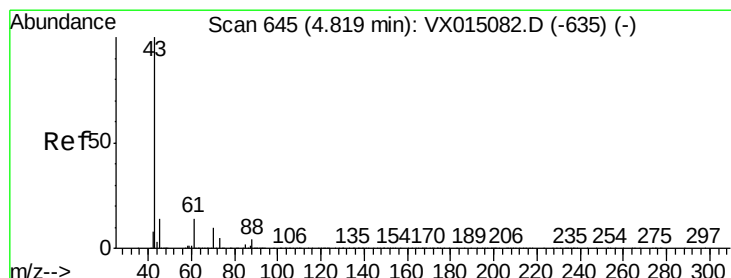
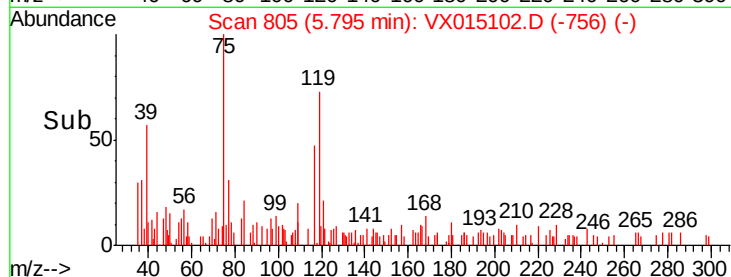
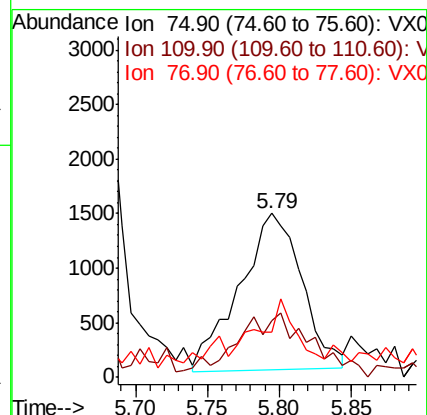
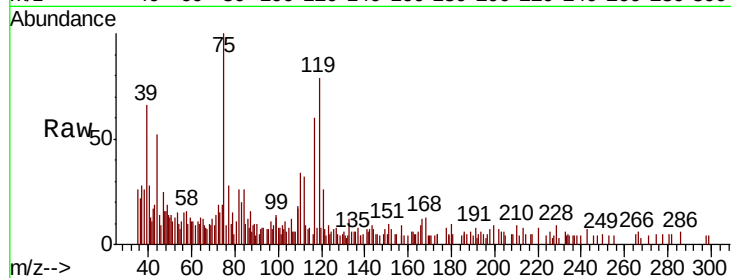
Tot Ion: 75 Resp: 4326

Ion Ratio Lower Upper

75 100

110 16.6 17.9 53.8#

77 23.0 24.8 37.2#



#37

Ethyl Acetate

Concen: 0.698 ug/l

RT: 4.84 min Scan# 649

Delta R.T. 0.02 min

Lab File: VX015102.D

Acq: 05 Mar 2020 11:25

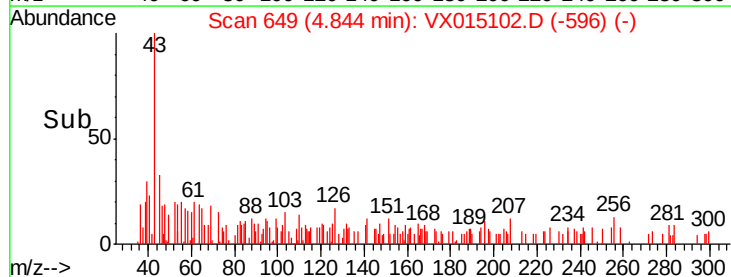
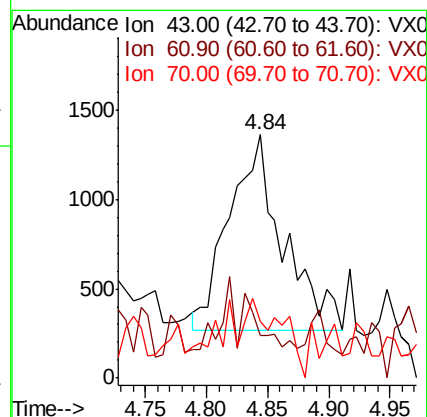
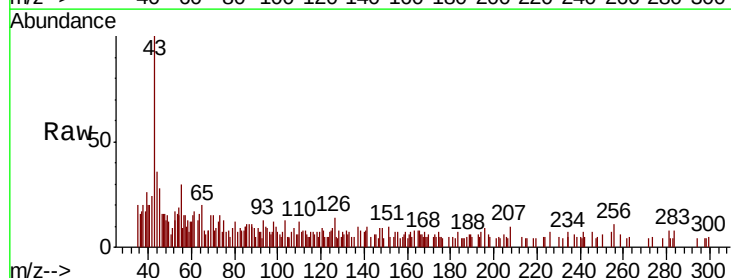
Tgt Ion: 43 Resp: 3325

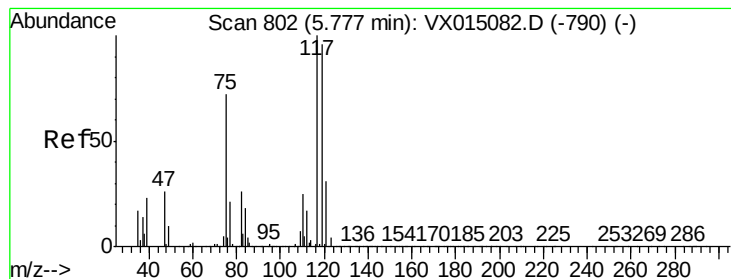
Ion Ratio Lower Upper

43 100

61 0.0 11.0 16.4#

70 7.0 8.1 12.1#





#38

Carbon Tetrachloride

Concen: 0.716 ug/l

RT: 5.78 min Scan# 802

Delta R.T. -0.00 min

Lab File: VX015102.D

Acq: 05 Mar 2020 11:25

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020DL

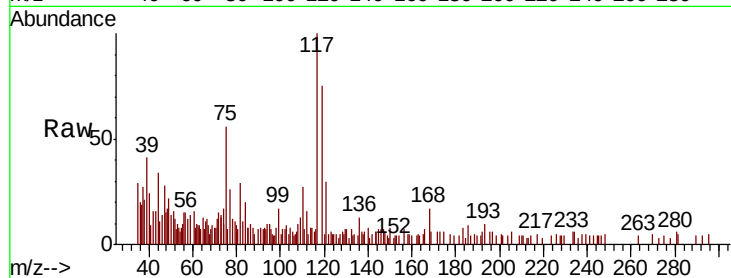
Tot Ion:117 Resp: 3472

Ion Ratio Lower Upper

117 100

119 78.3 76.9 115.3

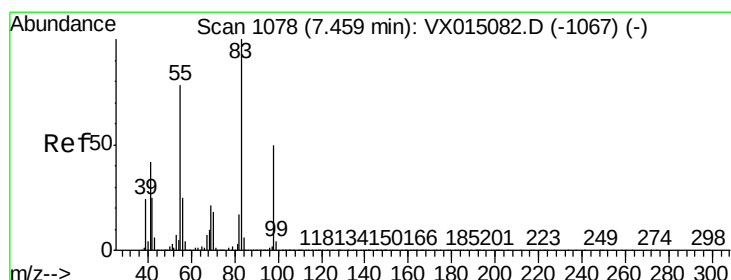
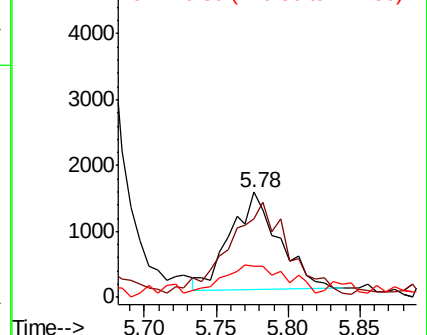
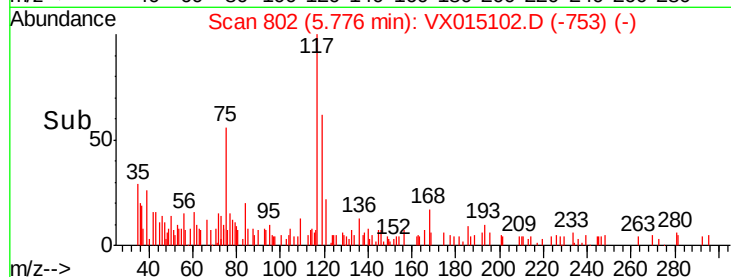
121 19.2 24.6 37.0#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 0.926 ug/l

RT: 7.45 min Scan# 1077

Delta R.T. -0.01 min

Lab File: VX015102.D

Acq: 05 Mar 2020 11:25

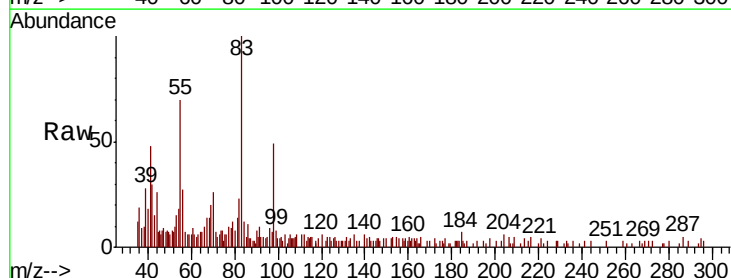
Tgt Ion: 83 Resp: 5554

Ion Ratio Lower Upper

83 100

55 62.1 62.4 93.6#

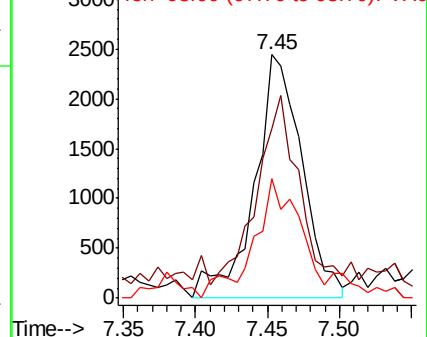
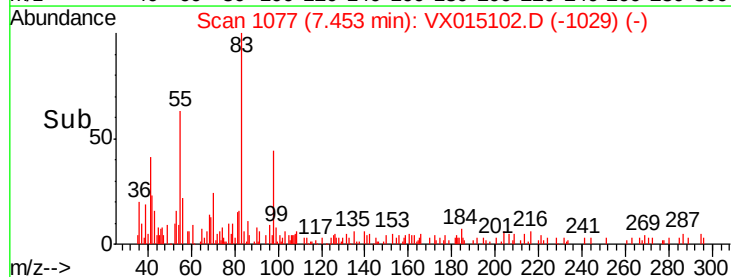
98 44.6 39.7 59.5

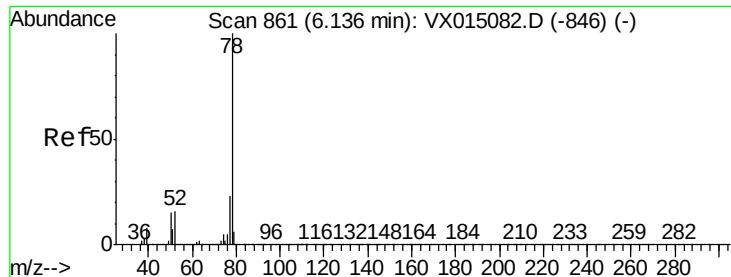


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 0.807 ug/l

RT: 6.14 min Scan# 862

Delta R.T. 0.01 min

Lab File: VX015102.D

Acq: 05 Mar 2020 11:25

Instrument :

MSVOA_X

ClientSampleId :

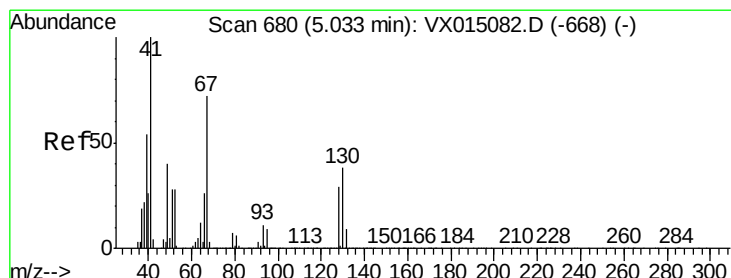
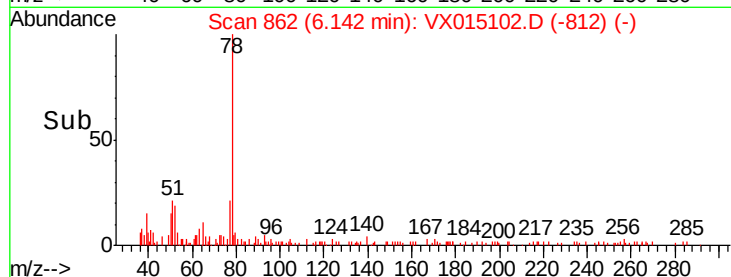
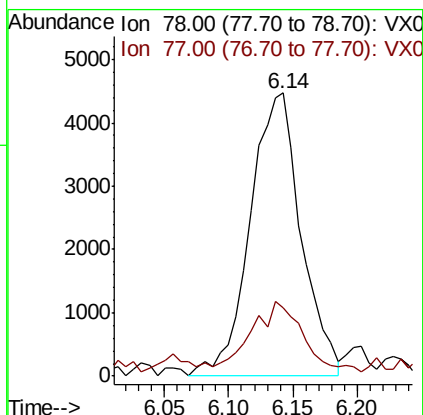
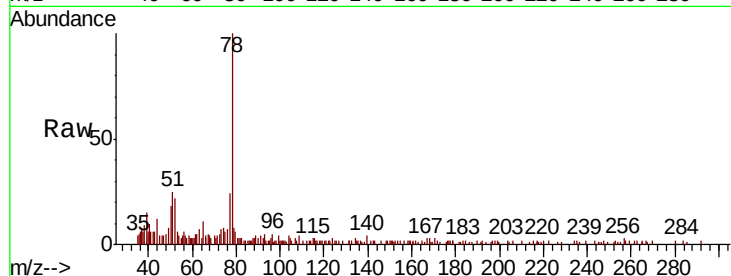
LOD-MDL-WATER-01-QT1-2020DL

Tot Ion: 78 Resp: 12305

Ion Ratio Lower Upper

78 100

77 20.8 18.6 28.0



#41

Methacrylonitrile

Concen: 0.522 ug/l

RT: 5.04 min Scan# 681

Delta R.T. 0.01 min

Lab File: VX015102.D

Acq: 05 Mar 2020 11:25

Tgt Ion: 41 Resp: 1494

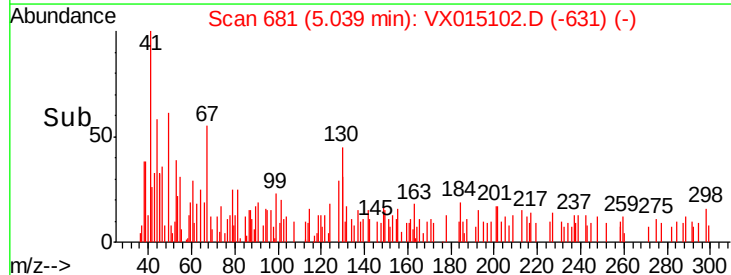
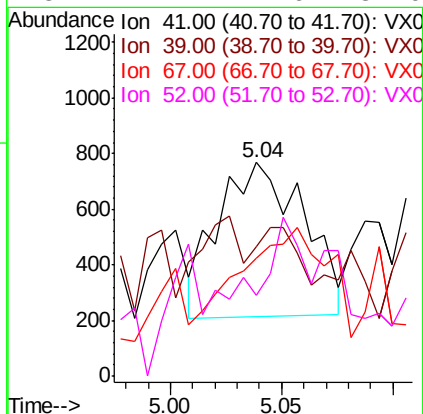
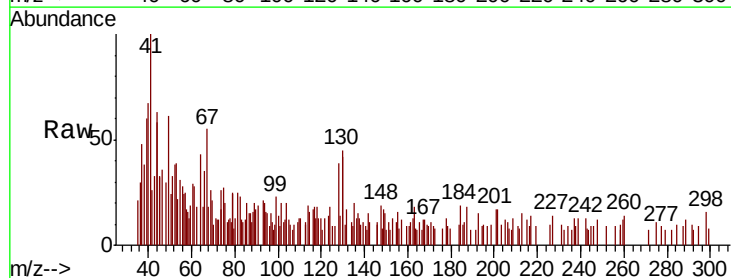
Ion Ratio Lower Upper

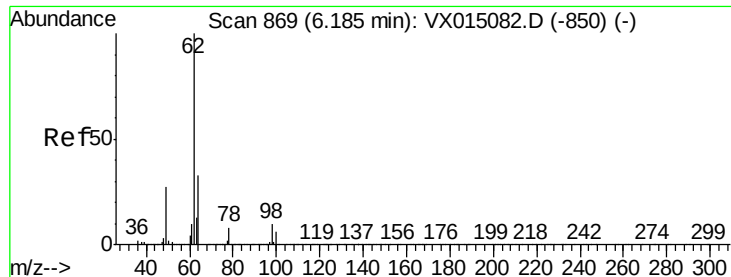
41 100

39 0.0 43.9 65.9#

67 68.4 57.8 86.8

52 14.4 22.6 34.0#





#42

1,2-Dichloroethane

Concen: 0.946 ug/l

RT: 6.18 min Scan# 869

Delta R.T. -0.00 min

Lab File: VX015102.D

Acq: 05 Mar 2020 11:25

Instrument :

MSVOA_X

ClientSampleId :

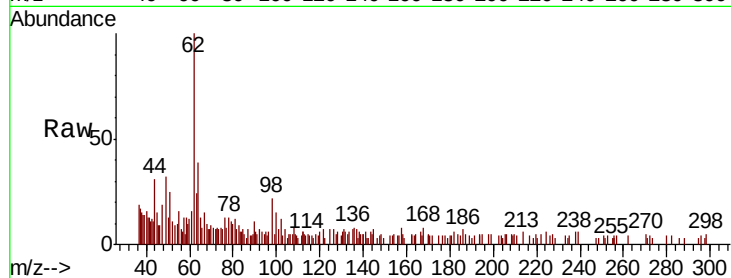
LOD-MDL-WATER-01-QT1-2020DL

Tot Ion: 62 Resp: 4950

Ion Ratio Lower Upper

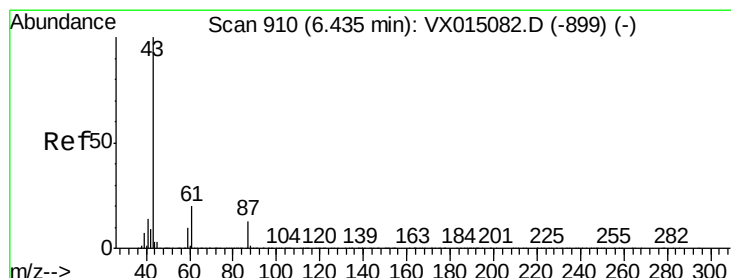
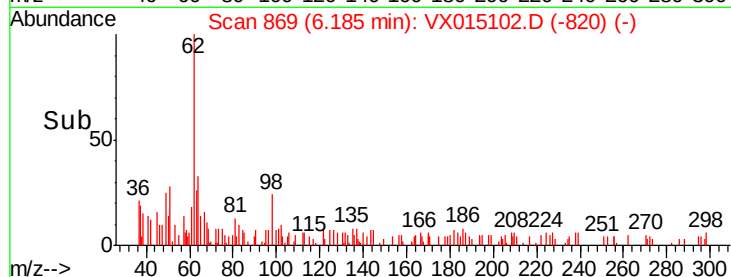
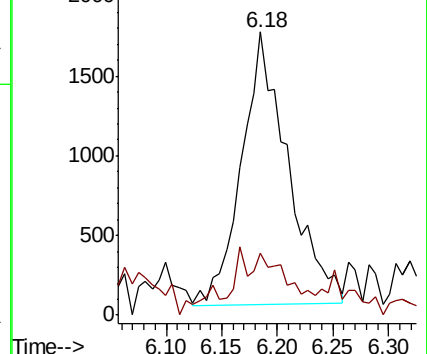
62 100

98 10.7 0.0 20.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#43

Isopropyl Acetate

Concen: 0.749 ug/l

RT: 6.43 min Scan# 910

Delta R.T. -0.00 min

Lab File: VX015102.D

Acq: 05 Mar 2020 11:25

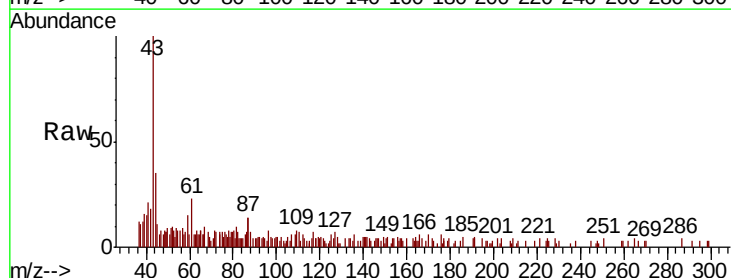
Tgt Ion: 43 Resp: 6280

Ion Ratio Lower Upper

43 100

61 22.4 16.1 24.1

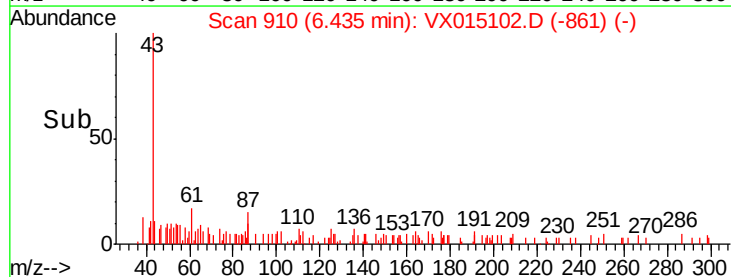
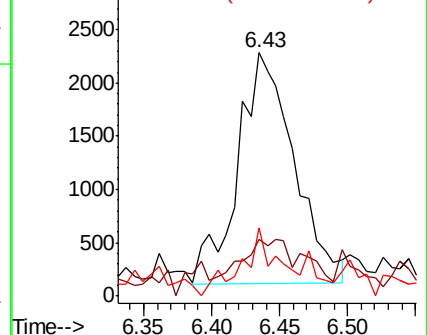
87 19.5 10.6 16.0#

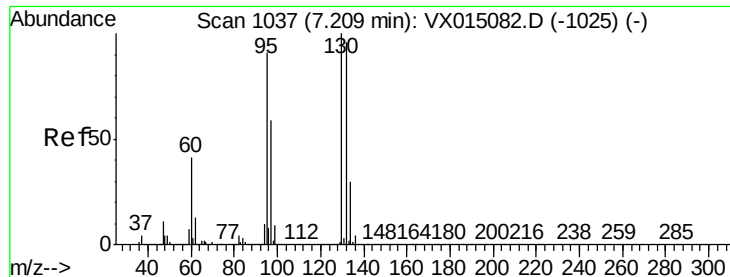


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#44

Trichloroethene

Concen: 1.006 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. -0.00 min

Lab File: VX015102.D

Acq: 05 Mar 2020 11:25

Instrument :

MSVOA_X

ClientSampleId :

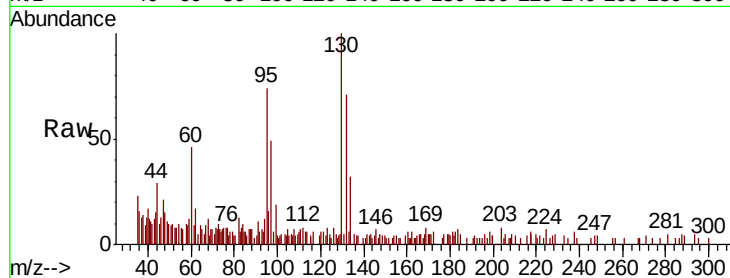
LOD-MDL-WATER-01-QT1-2020DL

Tot Ion:130 Resp: 4269

Ion Ratio Lower Upper

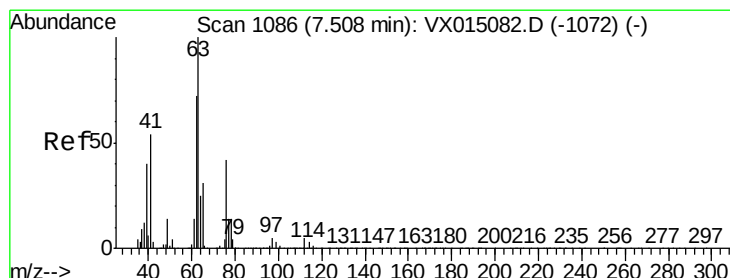
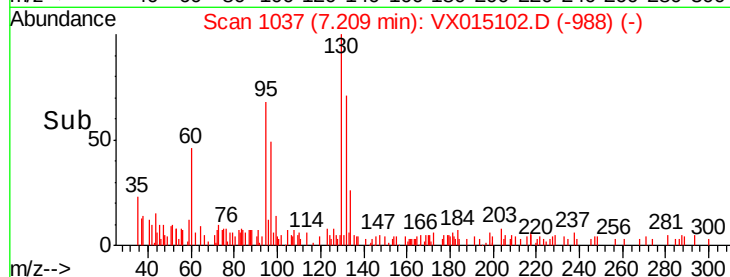
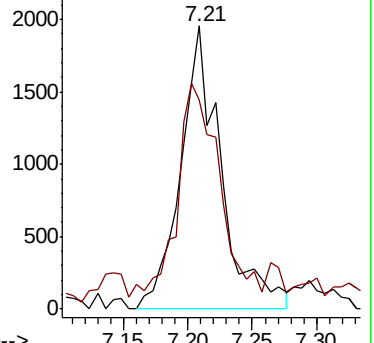
130 100

95 68.6 0.0 181.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#45

1,2-Dichloropropane

Concen: 0.693 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX015102.D

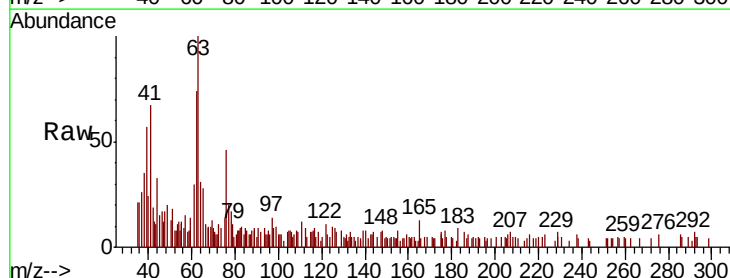
Acq: 05 Mar 2020 11:25

Tgt Ion: 63 Resp: 2734

Ion Ratio Lower Upper

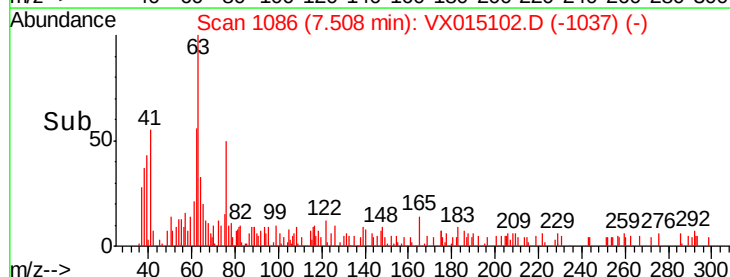
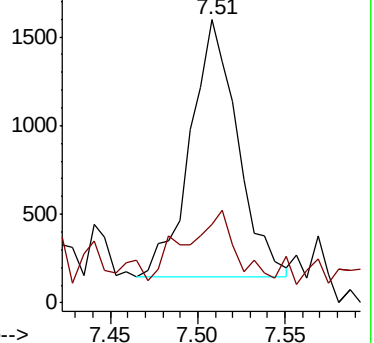
63 100

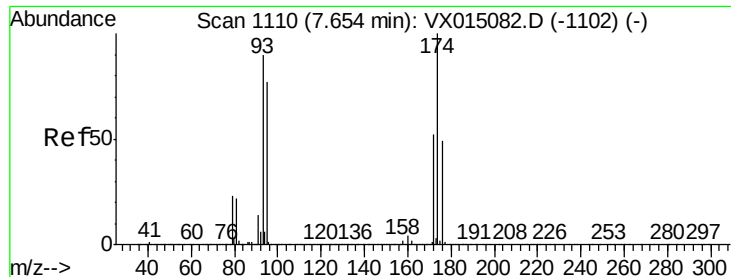
65 13.6 24.6 36.8#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0





#46

Dibromomethane

Concen: 0.700 ug/l

RT: 7.66 min Scan# 1111

Delta R.T. 0.01 min

Lab File: VX015102.D

Acq: 05 Mar 2020 11:25

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020DL

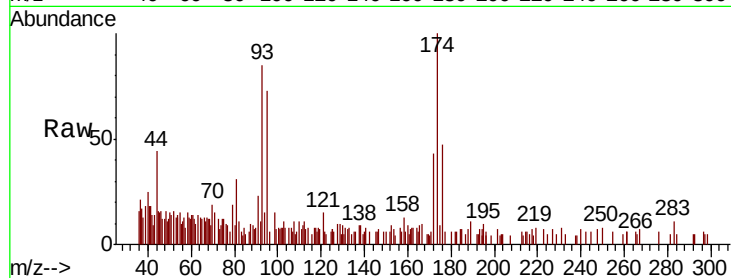
Tot Ion: 93 Resp: 1799

Ion Ratio Lower Upper

93 100

95 119.3 67.8 101.8#

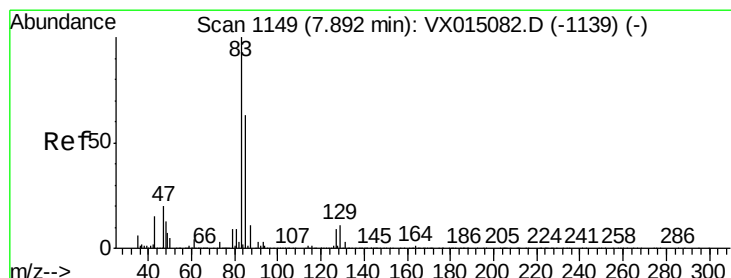
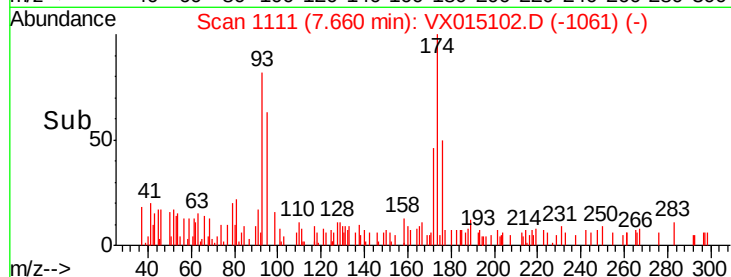
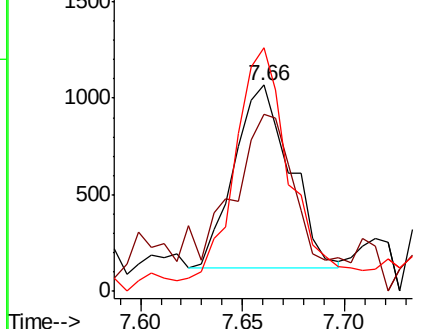
174 132.6 91.0 136.4



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: 0.665 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX015102.D

Acq: 05 Mar 2020 11:25

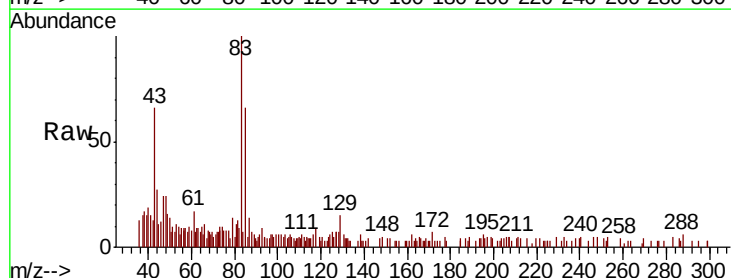
Tgt Ion: 83 Resp: 3380

Ion Ratio Lower Upper

83 100

85 65.6 50.6 75.8

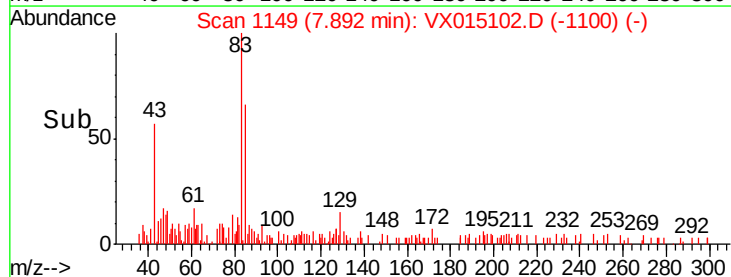
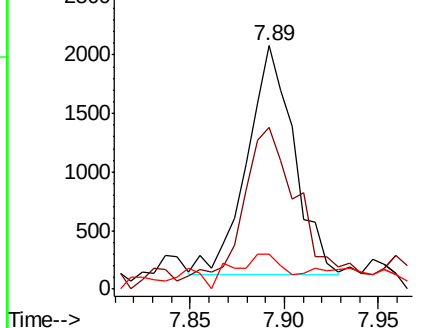
127 6.4 7.1 10.7#

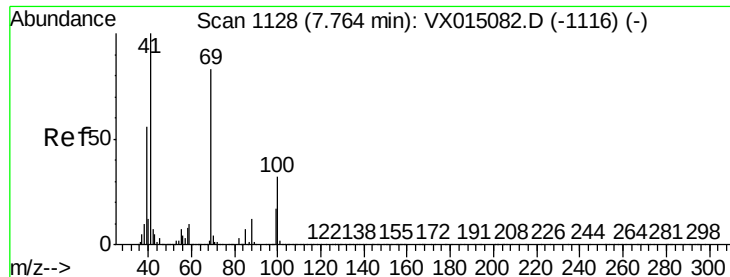


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V

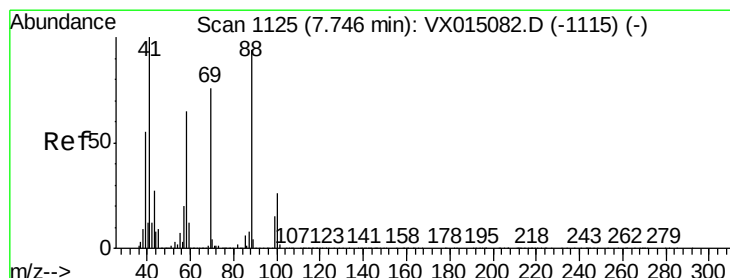
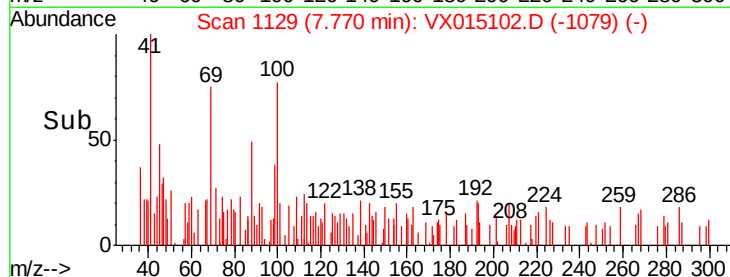
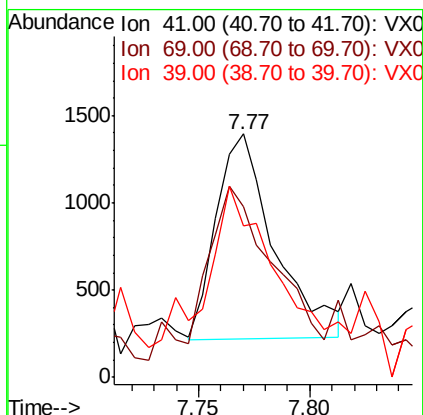
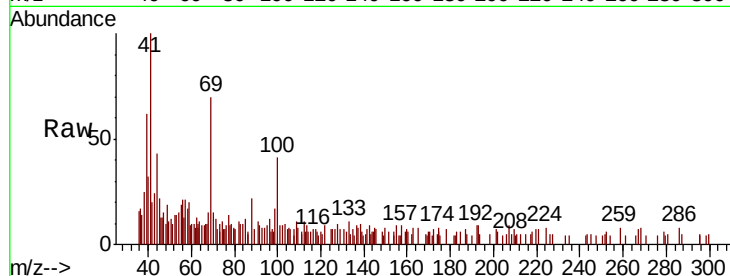




#48
Methvl methacrylate
Concen: 0.501 ug/l
RT: 7.77 min Scan# 1129
Delta R.T. 0.01 min
Lab File: VX015102.D
Acq: 05 Mar 2020 11:25

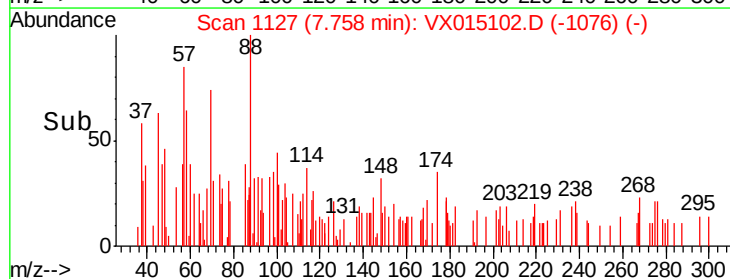
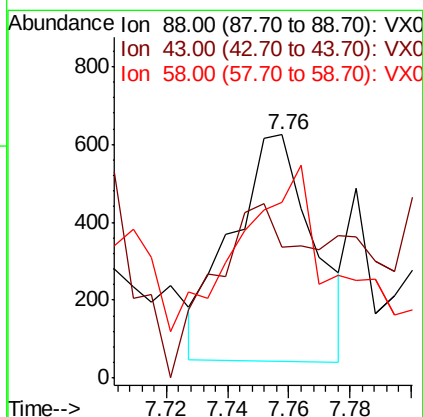
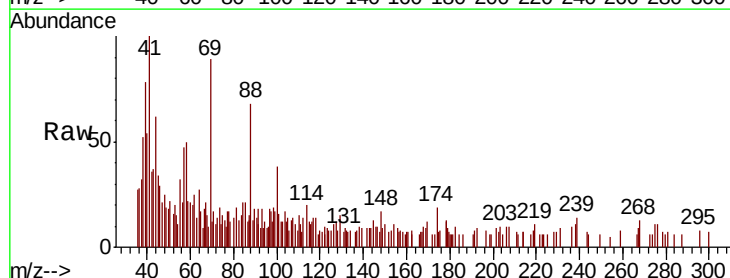
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020DL

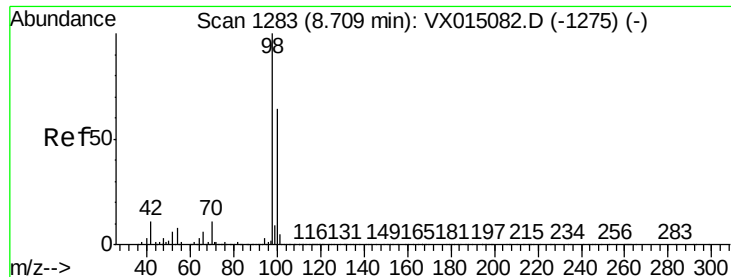
Tot Ion: 41 Resp: 2136
Ion Ratio Lower Upper
41 100
69 101.7 65.4 98.2#
39 84.4 44.6 67.0#



#49
1,4-Dioxane
Concen: 11.579 ug/l
RT: 7.76 min Scan# 1127
Delta R.T. 0.01 min
Lab File: VX015102.D
Acq: 05 Mar 2020 11:25

Tgt Ion: 88 Resp: 1068
Ion Ratio Lower Upper
88 100
43 88.6 27.0 40.4#
58 54.5 55.6 83.4#

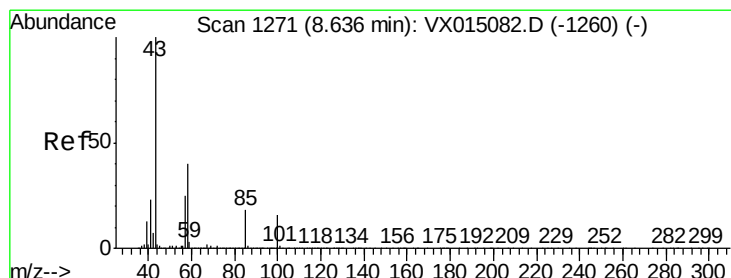
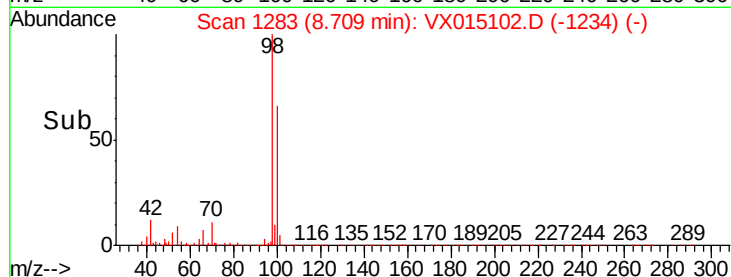
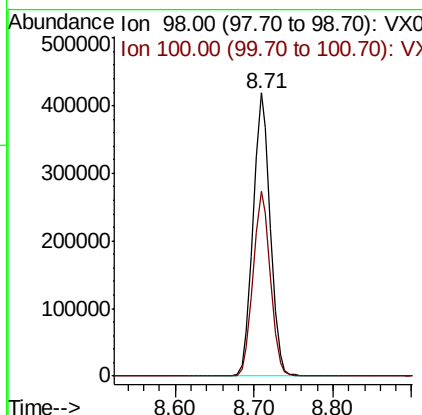
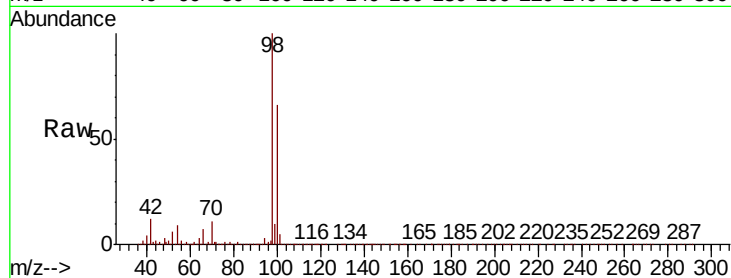




#50
Toluene-d8
Concen: 47.685 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX015102.D
Acq: 05 Mar 2020 11:25

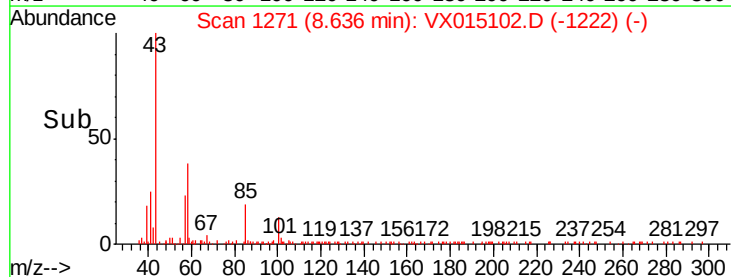
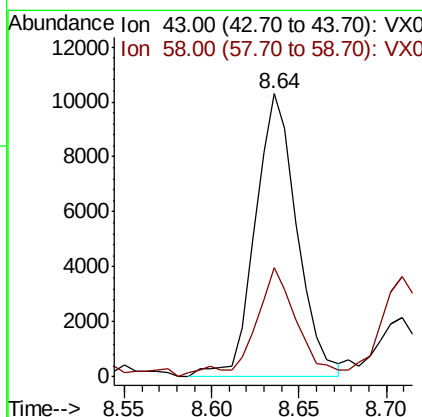
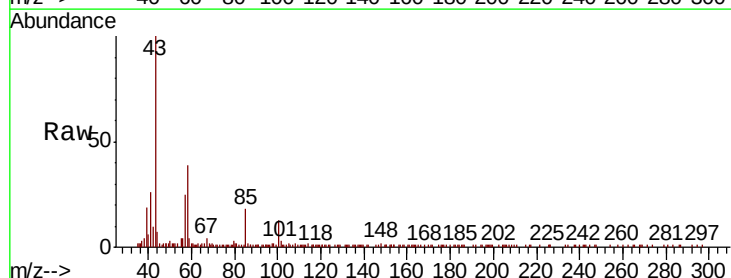
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020DL

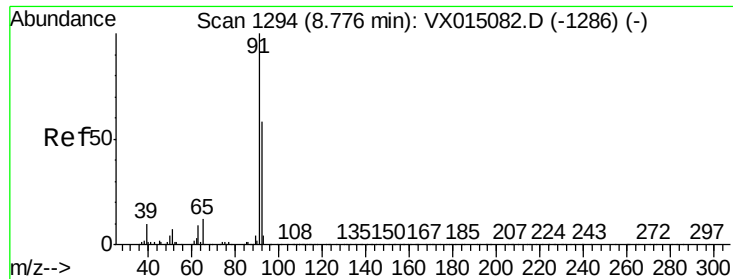
Tot Ion: 98 Resp: 635795
Ion Ratio Lower Upper
98 100
100 65.5 52.4 78.6



#51
4-Methyl-2-Pentanone
Concen: 3.461 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VX015102.D
Acq: 05 Mar 2020 11:25

Tgt Ion: 43 Resp: 17151
Ion Ratio Lower Upper
43 100
58 39.2 31.6 47.4





#52

Toluene

Concen: 0.809 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX015102.D

Acq: 05 Mar 2020 11:25

Instrument :

MSVOA_X

ClientSampleId :

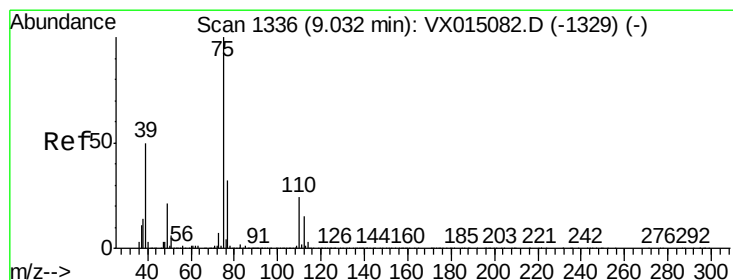
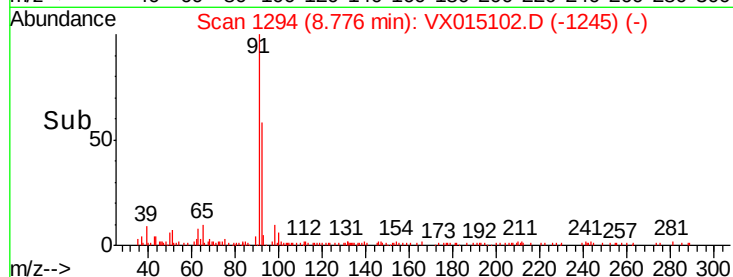
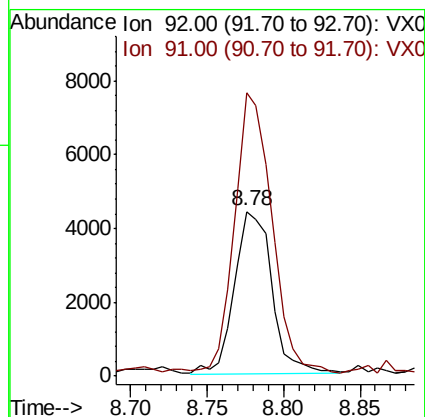
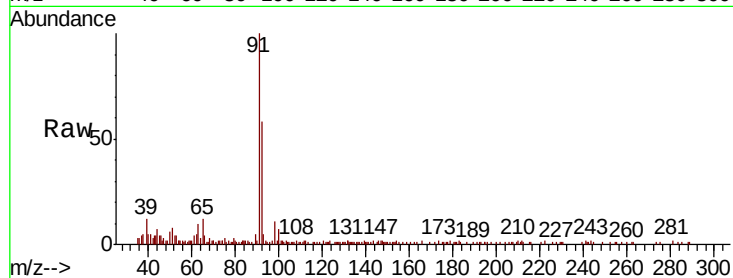
LOD-MDL-WATER-01-QT1-2020DL

Tot Ion: 92 Resp: 7536

Ion Ratio Lower Upper

92 100

91 170.9 136.9 205.3



#53

t-1,3-Dichloropropene

Concen: 0.636 ug/l

RT: 9.04 min Scan# 1338

Delta R.T. 0.01 min

Lab File: VX015102.D

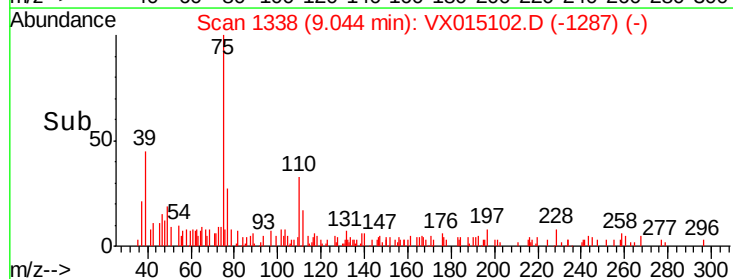
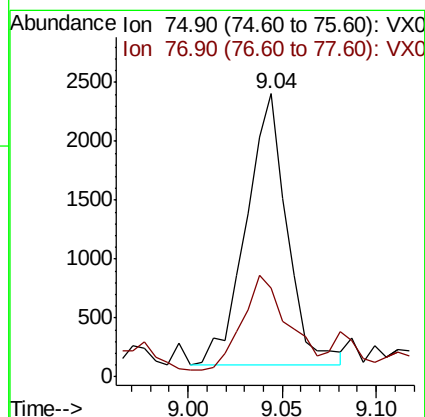
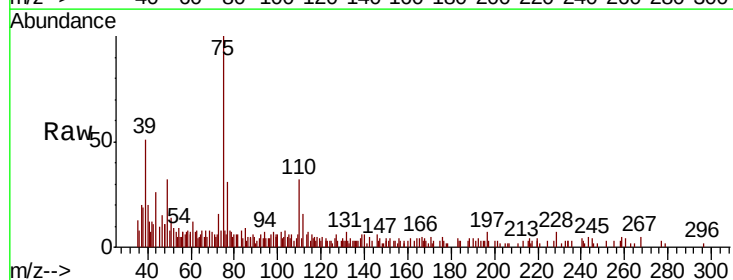
Acq: 05 Mar 2020 11:25

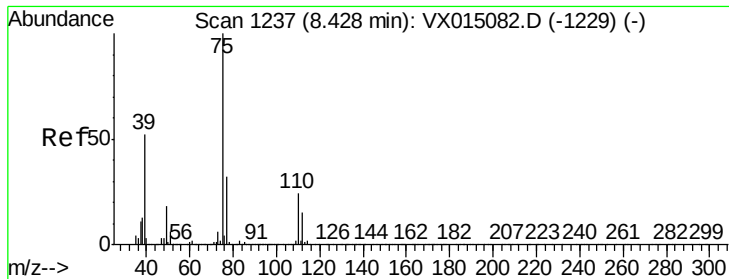
Tgt Ion: 75 Resp: 3442

Ion Ratio Lower Upper

75 100

77 30.1 25.4 38.0



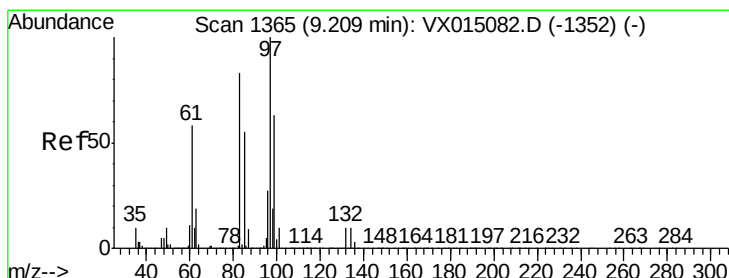
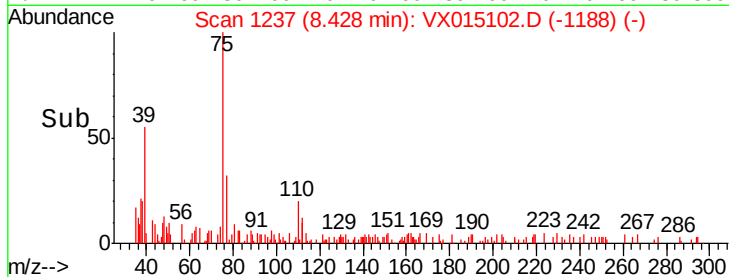
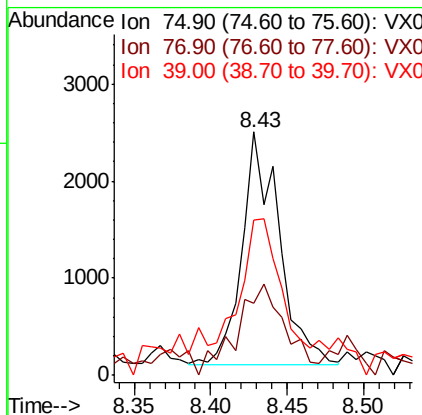
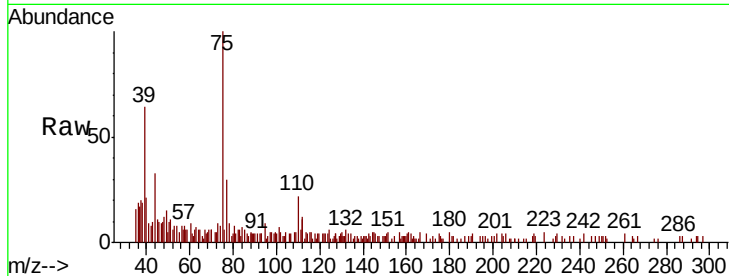


#54

cis-1,3-Dichloropropene
Concen: 0.656 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX015102.D
Acq: 05 Mar 2020 11:25

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

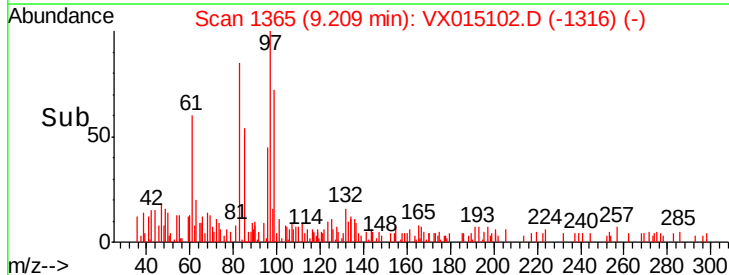
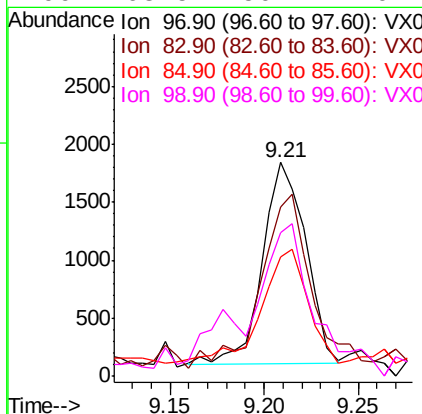
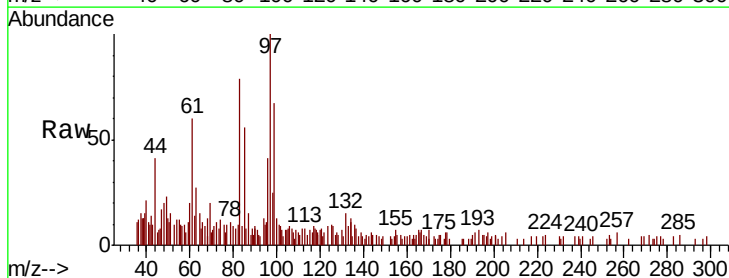
Tot Ion	Ratio	Lower	Upper
75	100		
77	22.4	25.8	38.6#
39	57.8	41.3	61.9

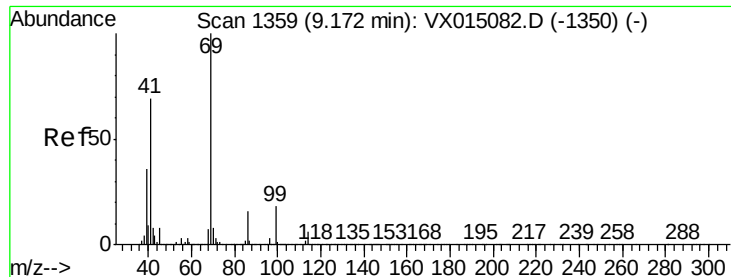


#55

1,1,2-Trichloroethane
Concen: 0.720 ug/l
RT: 9.21 min Scan# 1365
Delta R.T. -0.00 min
Lab File: VX015102.D
Acq: 05 Mar 2020 11:25

Tgt Ion	Ratio	Lower	Upper
97	100		
83	74.4	66.4	99.6
85	53.2	43.5	65.3
99	63.5	50.7	76.1

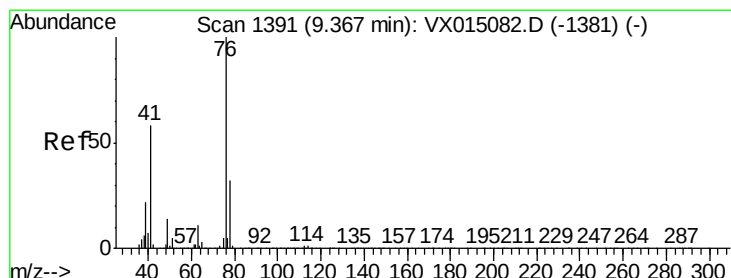
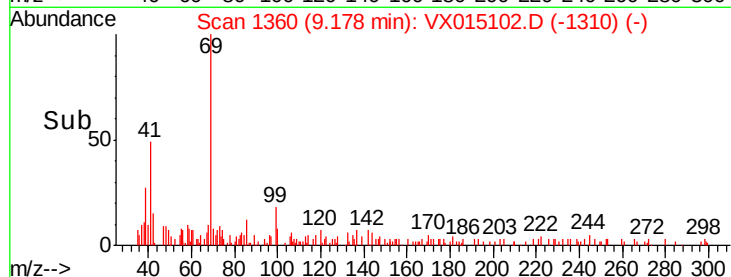
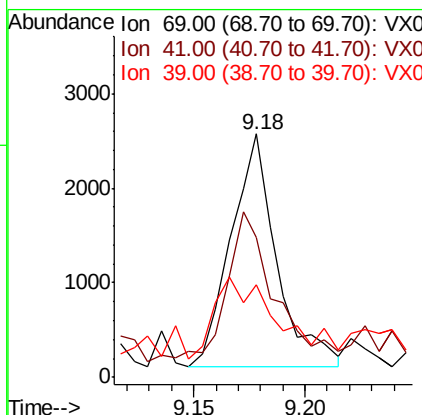
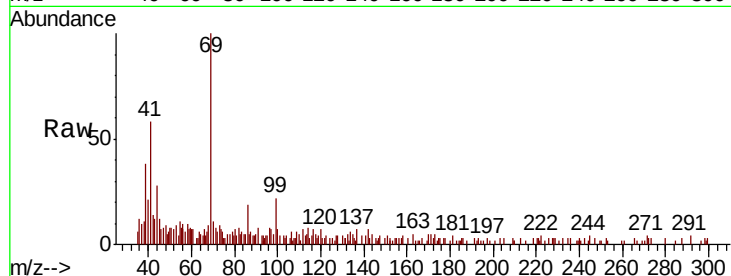




#56
Ethyl methacrylate
Concen: 0.649 ug/l
RT: 9.18 min Scan# 1360
Delta R.T. 0.01 min
Lab File: VX015102.D
Acq: 05 Mar 2020 11:25

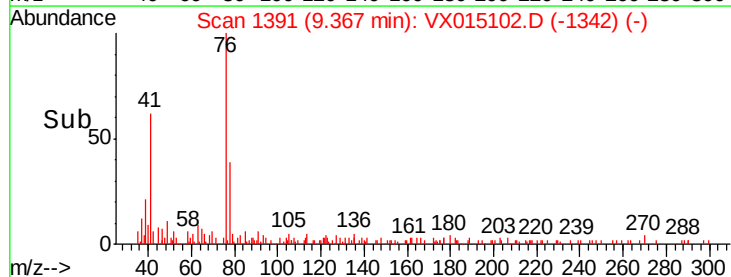
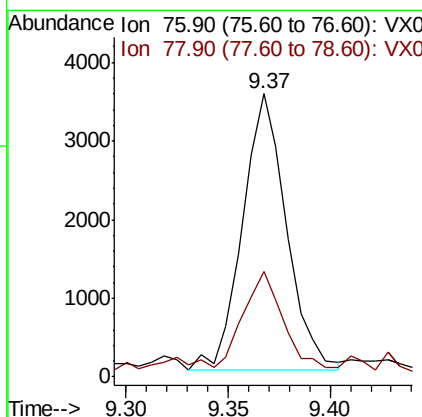
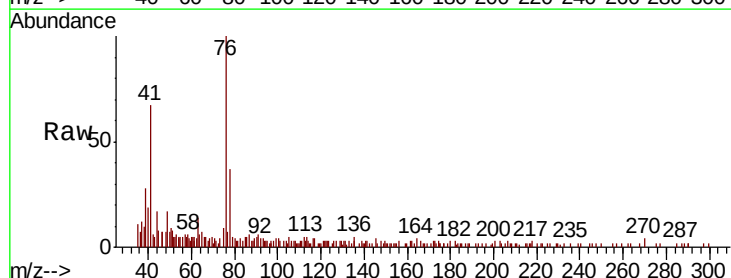
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020DL

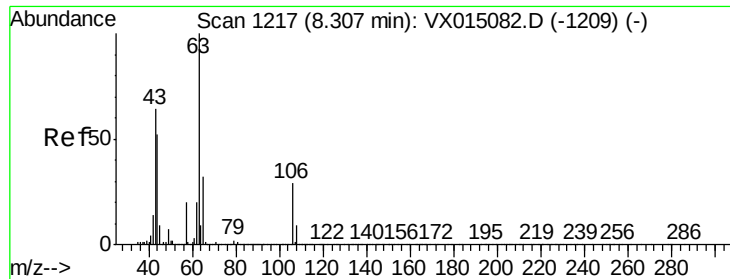
Tot Ion: 69 Resp: 3551
Ion Ratio Lower Upper
69 100
41 65.6 55.8 83.8
39 58.1 29.4 44.2#



#57
1,3-Dichloropropane
Concen: 0.818 ug/l
RT: 9.37 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX015102.D
Acq: 05 Mar 2020 11:25

Tgt Ion: 76 Resp: 5276
Ion Ratio Lower Upper
76 100
78 32.8 25.6 38.4

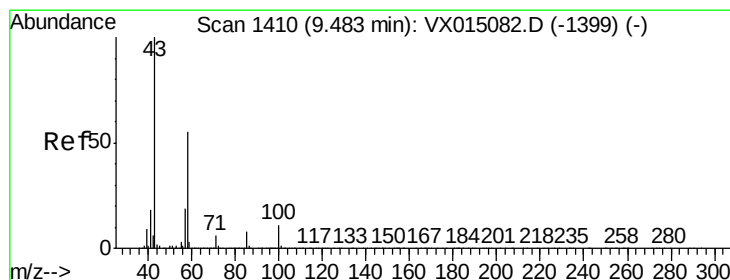
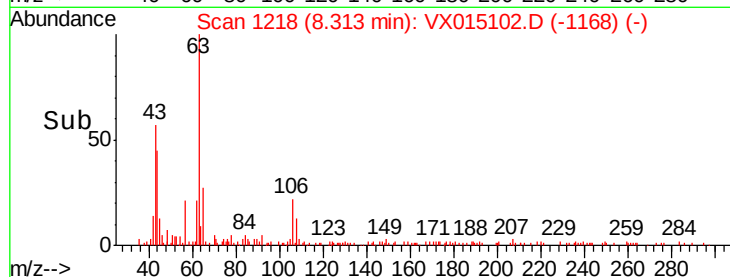
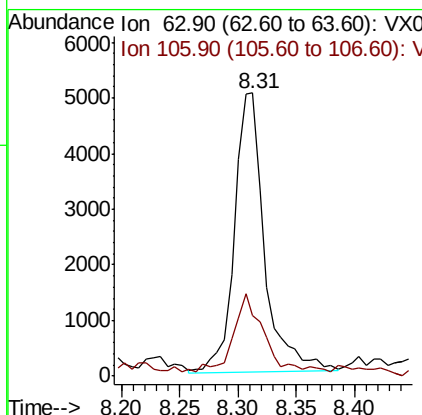
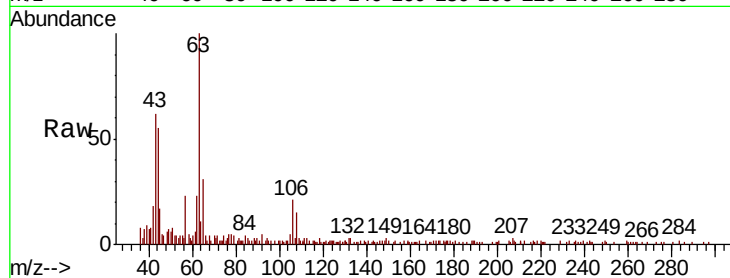




#58
 2-Chloroethyl Vinyl ether
 Concen: 3.045 ug/l
 RT: 8.31 min Scan# 1218
 Delta R.T. 0.01 min
 Lab File: VX015102.D
 Acq: 05 Mar 2020 11:25

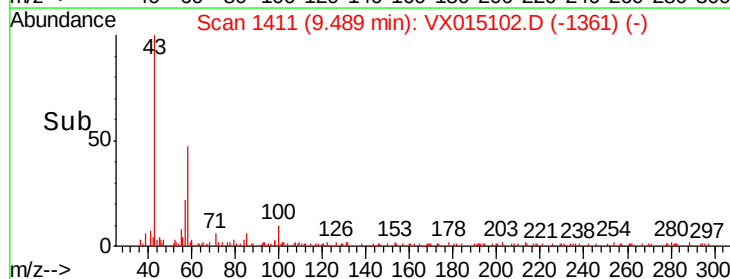
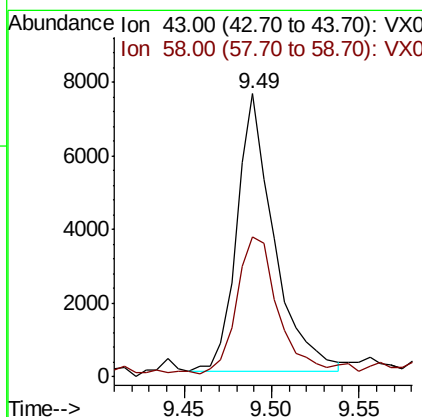
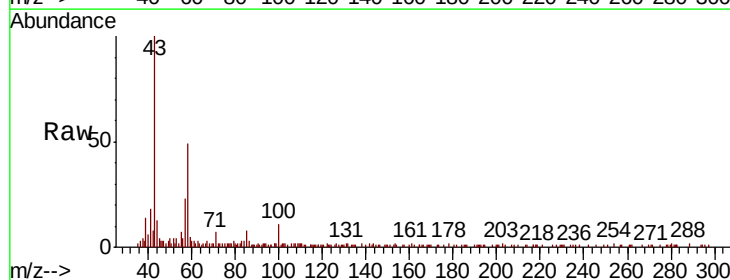
Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2020DL

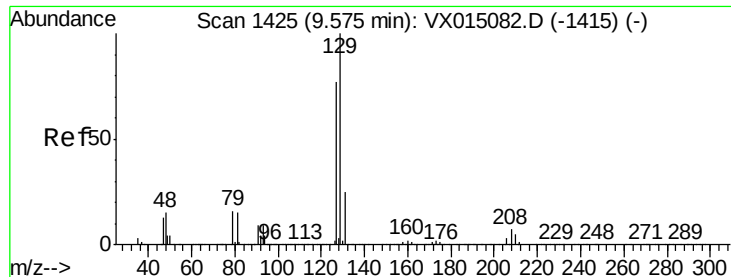
Tot Ion: 63 Resp: 9073
 Ion Ratio Lower Upper
 63 100
 106 28.3 22.8 34.2



#59
 2-Hexanone
 Concen: 3.029 ug/l
 RT: 9.49 min Scan# 1411
 Delta R.T. 0.01 min
 Lab File: VX015102.D
 Acq: 05 Mar 2020 11:25

Tgt Ion: 43 Resp: 11126
 Ion Ratio Lower Upper
 43 100
 58 56.9 27.3 81.8





#60

Dibromochloromethane

Concen: 0.794 ug/l

RT: 9.58 min Scan# 1426

Delta R.T. 0.01 min

Lab File: VX015102.D

Acq: 05 Mar 2020 11:25

Instrument :

MSVOA_X

ClientSampleId :

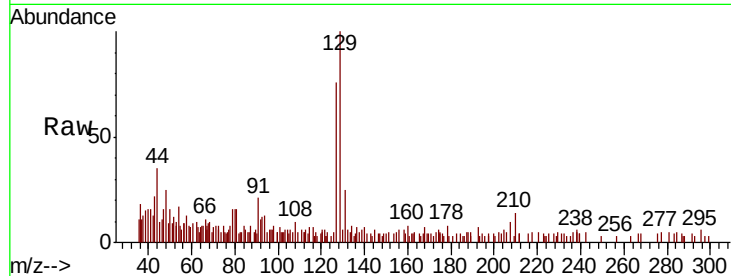
LOD-MDL-WATER-01-QT1-2020DL

Tot Ion:129 Resp: 3197

Ion Ratio Lower Upper

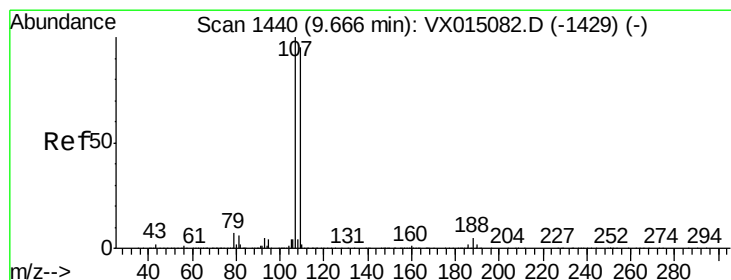
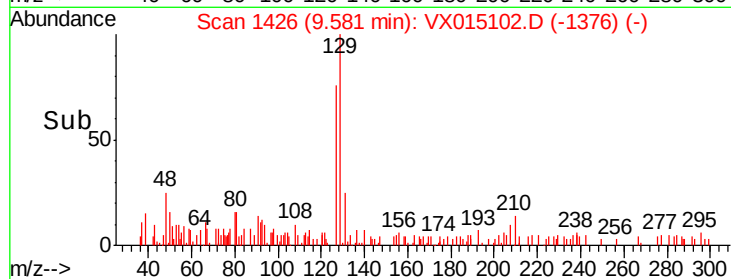
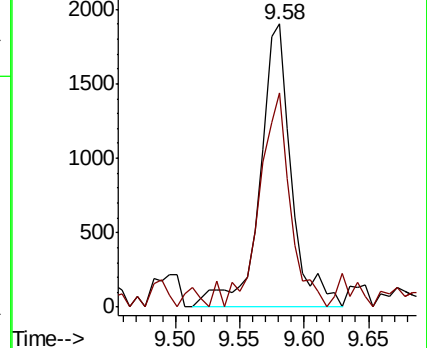
129 100

127 73.0 38.8 116.3



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 0.826 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX015102.D

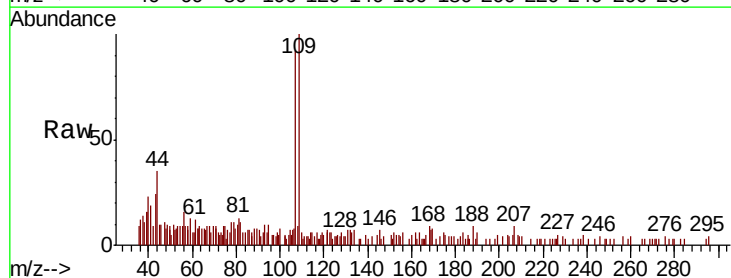
Acq: 05 Mar 2020 11:25

Tgt Ion:107 Resp: 3328

Ion Ratio Lower Upper

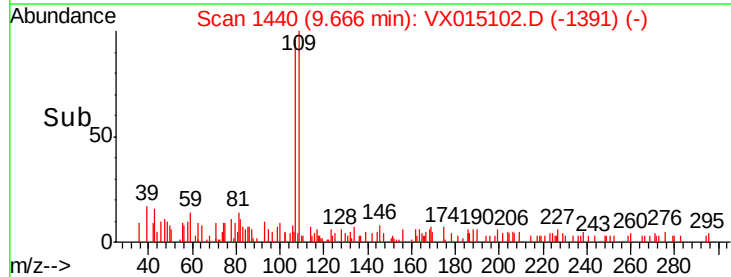
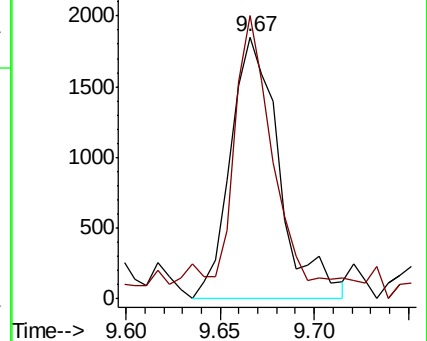
107 100

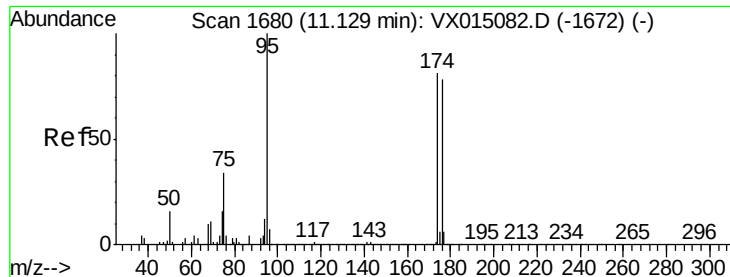
109 78.1 75.6 113.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 45.345 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX015102.D

Acq: 05 Mar 2020 11:25

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020DL

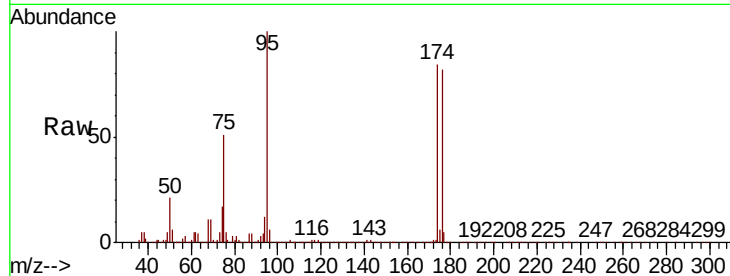
Tot Ion: 95 Resp: 215650

Ion Ratio Lower Upper

95 100

174 89.3 0.0 177.6

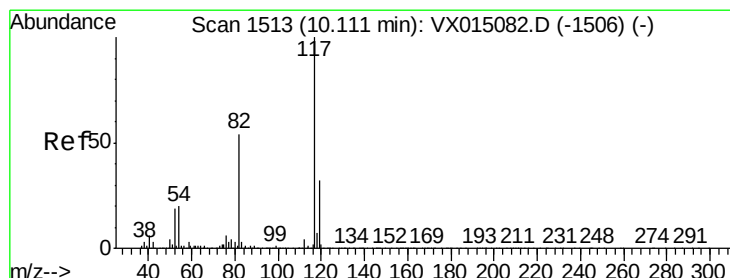
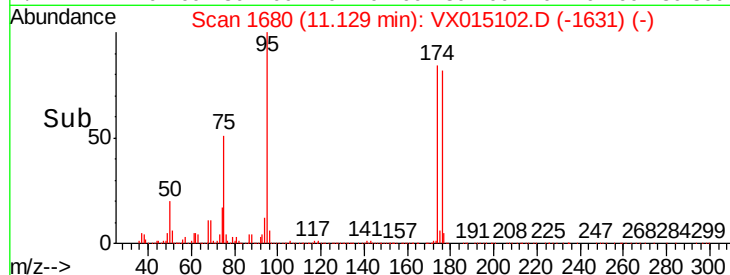
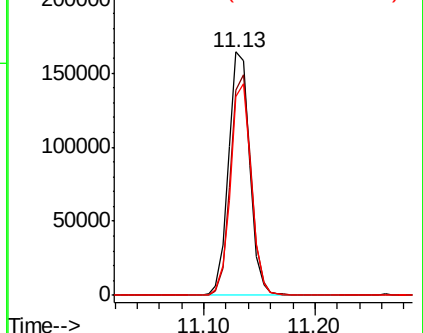
176 85.8 0.0 170.2



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1512

Delta R.T. -0.01 min

Lab File: VX015102.D

Acq: 05 Mar 2020 11:25

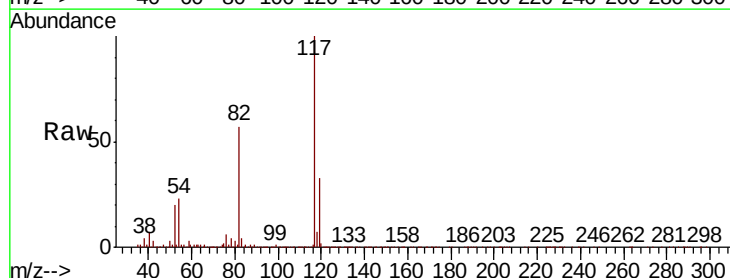
Tgt Ion: 117 Resp: 498689

Ion Ratio Lower Upper

117 100

82 56.5 43.3 64.9

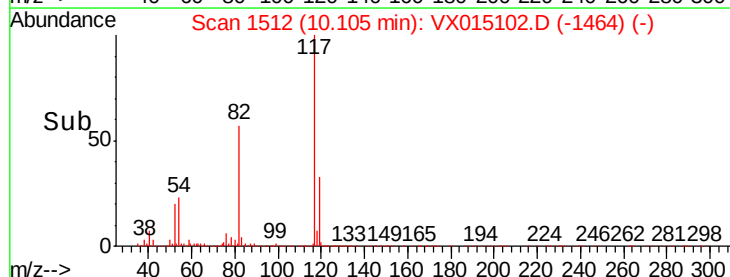
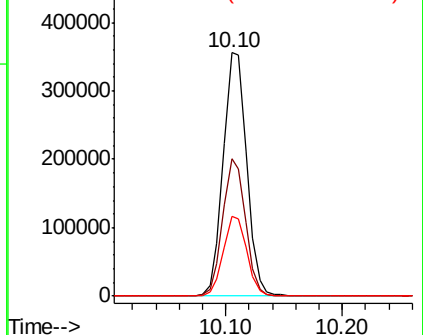
119 32.5 25.8 38.8

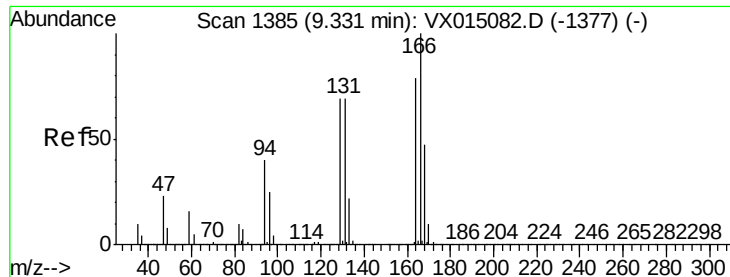


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#64

Tetrachloroethene

Concen: 0.923 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VX015102.D

Acq: 05 Mar 2020 11:25

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020DL

Tot Ion:164 Resp: 3804

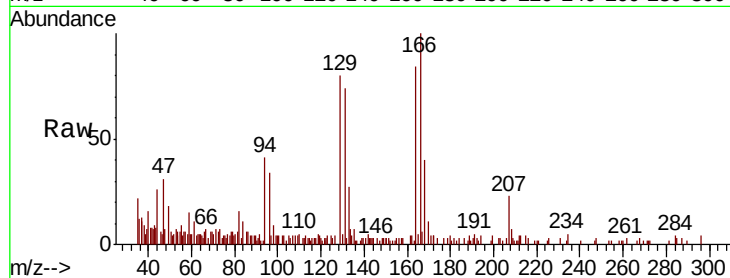
Ion Ratio Lower Upper

164 100

166 122.1 101.1 151.7

129 95.6 69.4 104.0

131 88.1 69.8 104.8

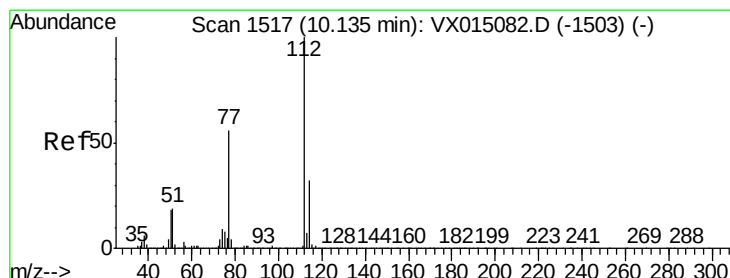
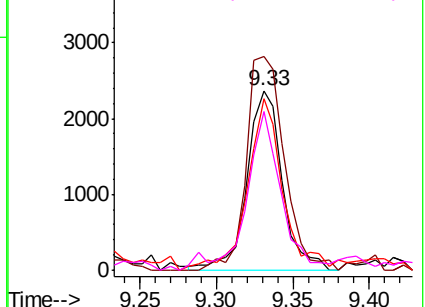
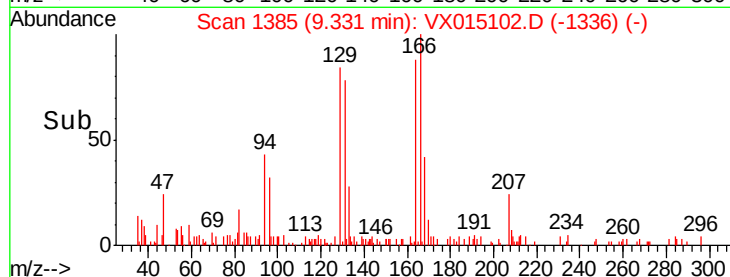


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 0.810 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX015102.D

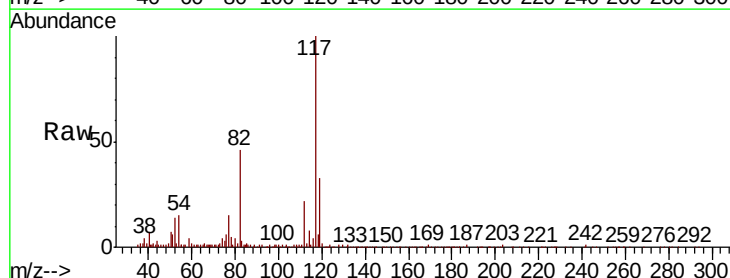
Acq: 05 Mar 2020 11:25

Tgt Ion:112 Resp: 8108

Ion Ratio Lower Upper

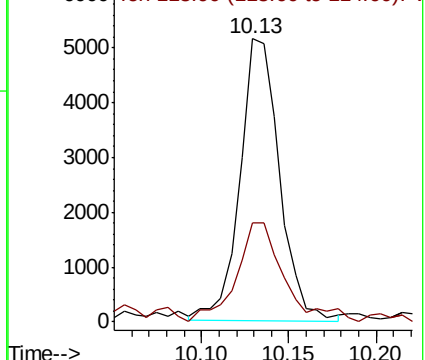
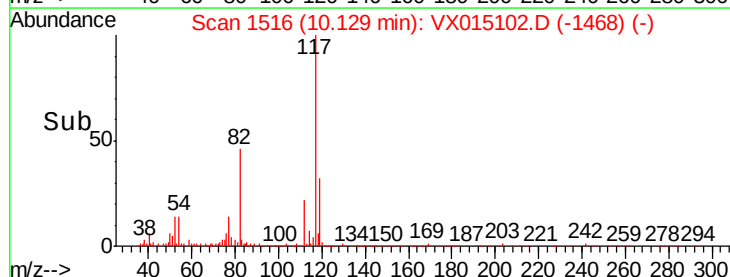
112 100

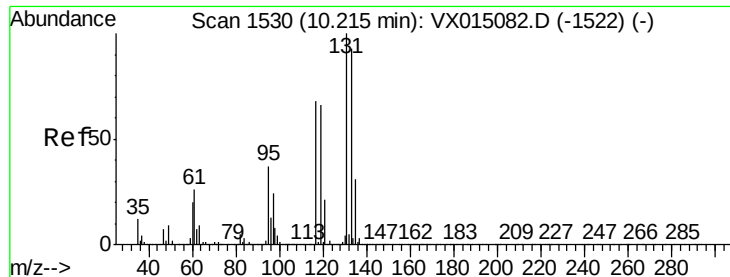
114 35.8 25.5 38.3



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

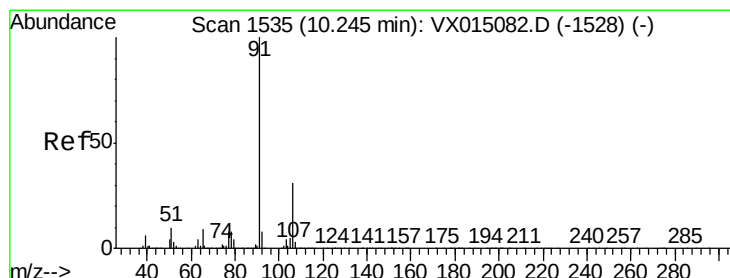
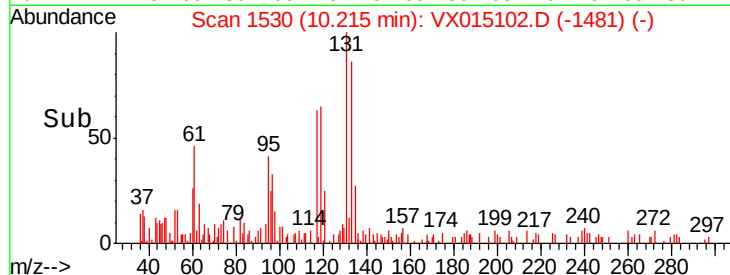
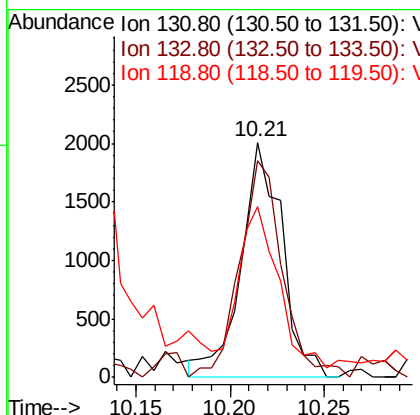
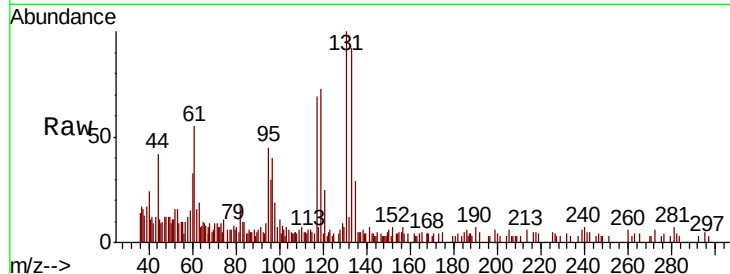




#66
 1,1,1,2-Tetrachloroethane
 Concen: 0.802 ug/l
 RT: 10.21 min Scan# 1530
 Delta R.T. -0.00 min
 Lab File: VX015102.D
 Acq: 05 Mar 2020 11:25

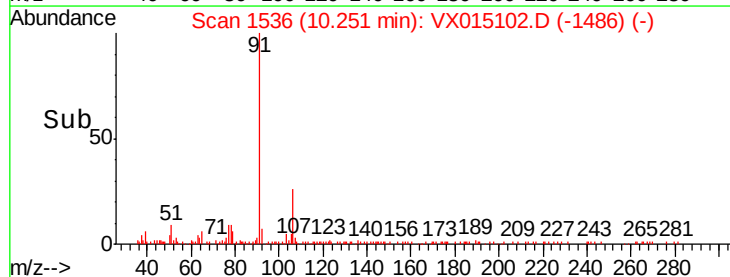
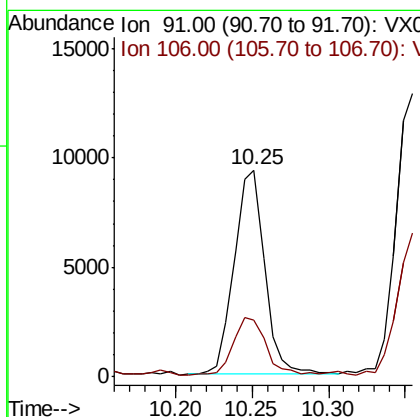
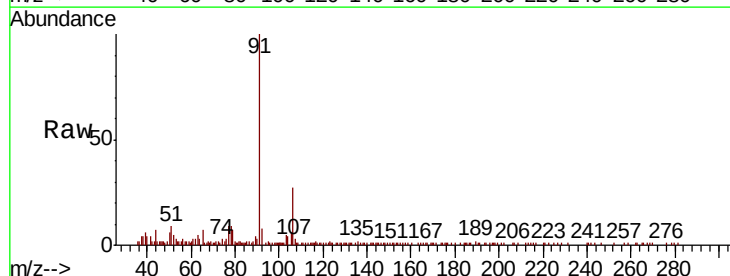
Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2020DL

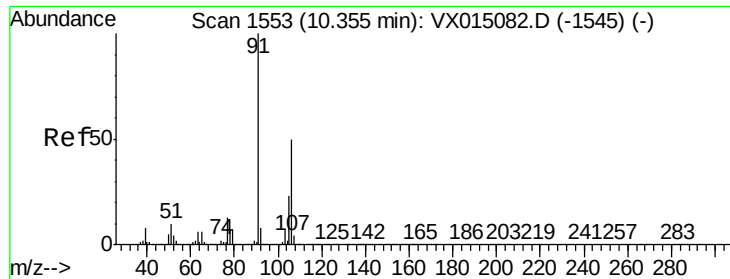
Tot Ion:131 Resp: 3029
 Ion Ratio Lower Upper
 131 100
 133 96.0 47.5 142.5
 119 0.0 33.4 100.1#



#67
 Ethyl Benzene
 Concen: 0.762 ug/l
 RT: 10.25 min Scan# 1536
 Delta R.T. 0.01 min
 Lab File: VX015102.D
 Acq: 05 Mar 2020 11:25

Tgt Ion: 91 Resp: 12948
 Ion Ratio Lower Upper
 91 100
 106 26.4 24.9 37.3





#68

m/p-Xylenes

Concen: 1.423 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX015102.D

Acq: 05 Mar 2020 11:25

Instrument :

MSVOA_X

ClientSampleId :

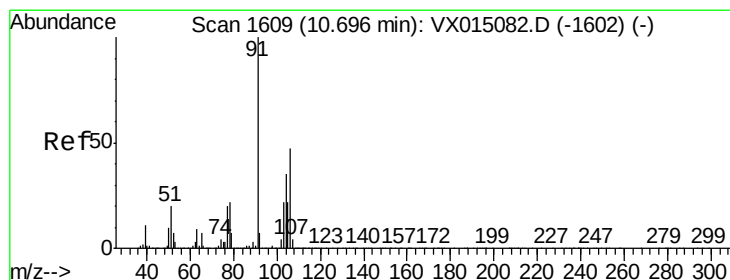
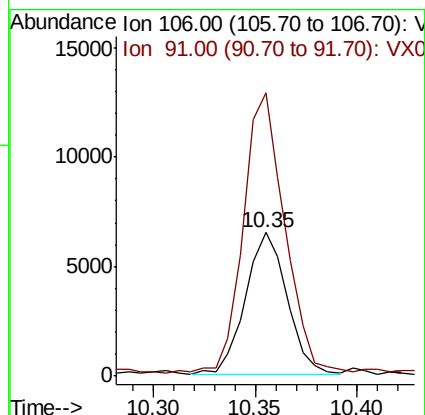
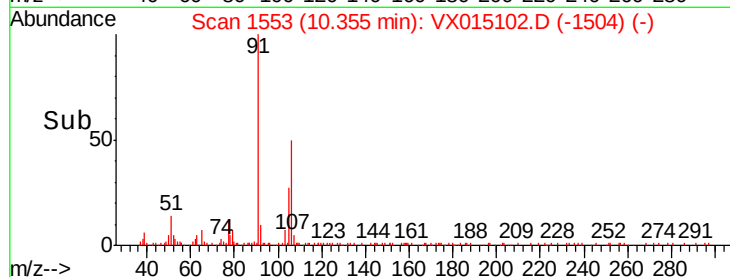
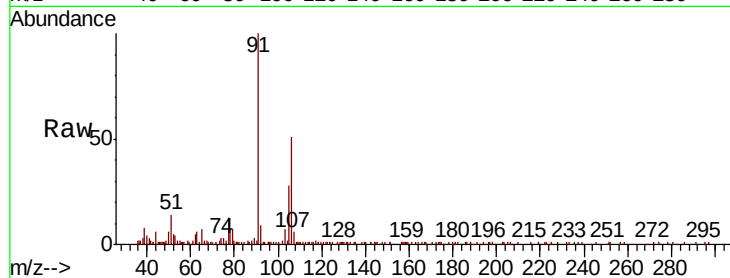
LOD-MDL-WATER-01-QT1-2020DL

Tot Ion:106 Resp: 9207

Ion Ratio Lower Upper

106 100

91 197.2 159.4 239.2



#69

o-Xylene

Concen: 0.754 ug/l

RT: 10.70 min Scan# 1609

Delta R.T. -0.00 min

Lab File: VX015102.D

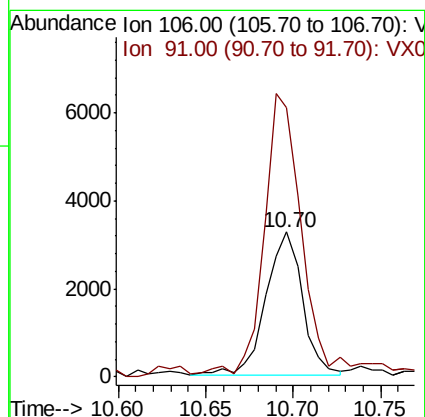
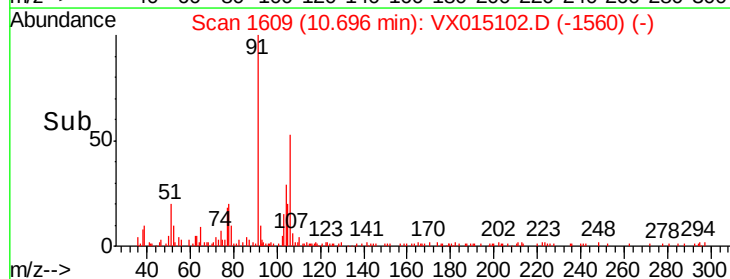
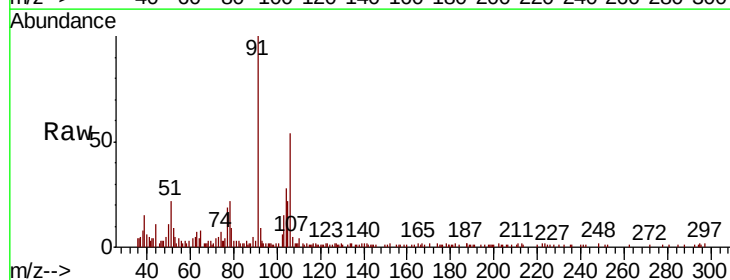
Acq: 05 Mar 2020 11:25

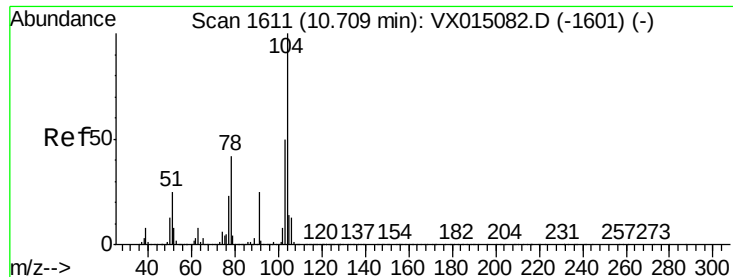
Tgt Ion:106 Resp: 4667

Ion Ratio Lower Upper

106 100

91 211.1 105.4 316.1

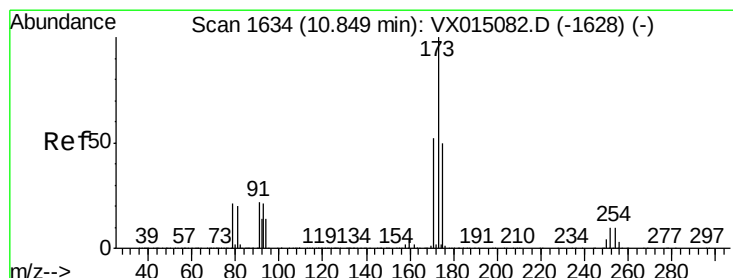
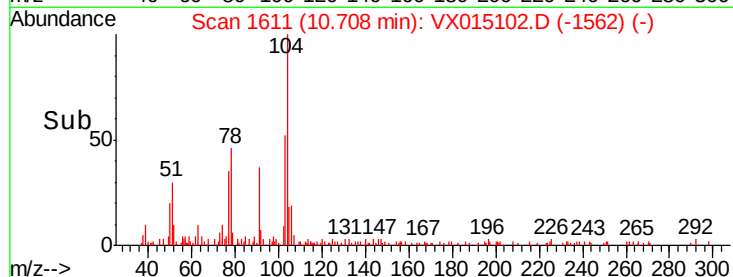
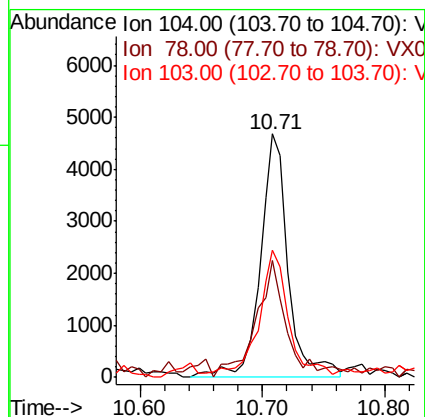
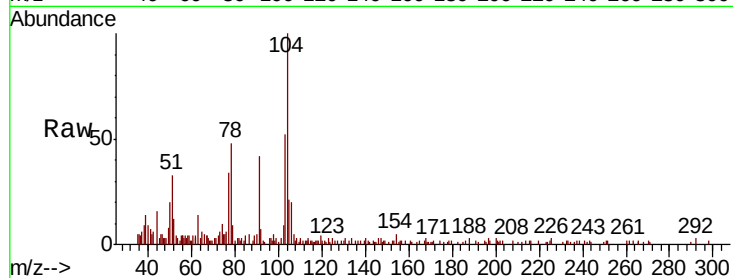




#70
Stvrene
Concen: 0.698 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX015102.D
Acq: 05 Mar 2020 11:25

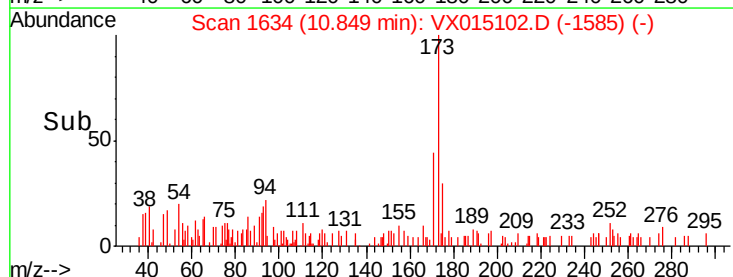
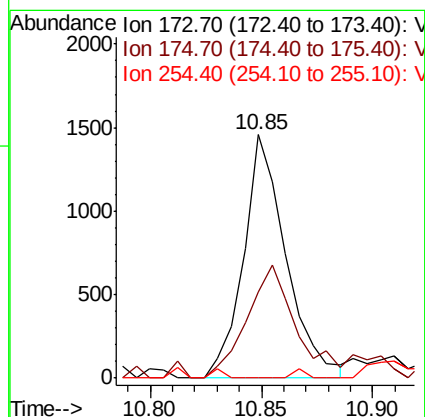
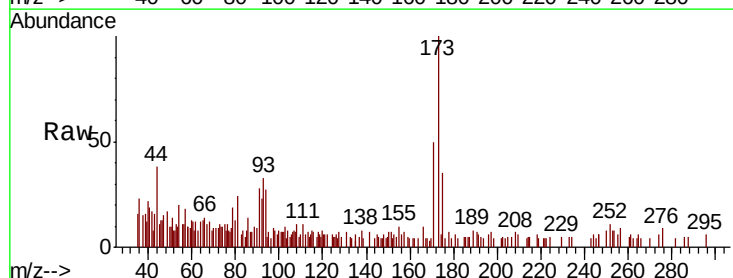
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020DL

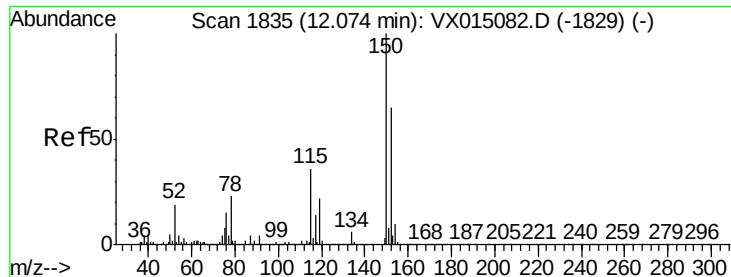
Tot Ion:104 Resp: 7414
Ion Ratio Lower Upper
104 100
78 52.2 39.0 58.4
103 52.4 43.7 65.5



#71
Bromoform
Concen: 0.664 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VX015102.D
Acq: 05 Mar 2020 11:25

Tgt Ion:173 Resp: 1944
Ion Ratio Lower Upper
173 100
175 53.3 24.9 74.7
254 1.1 0.2 0.2#



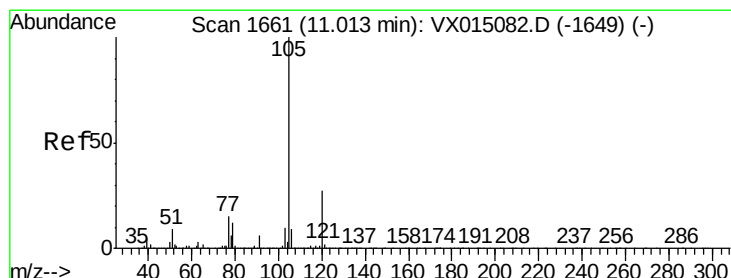
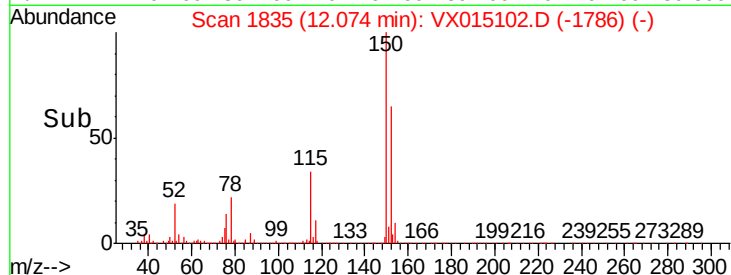
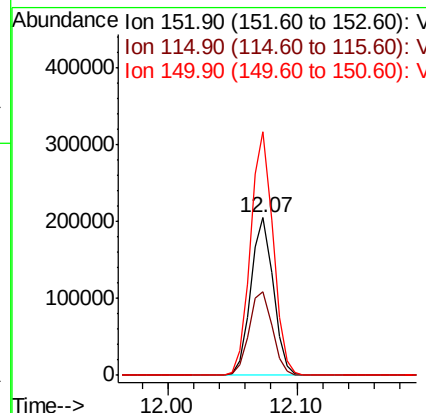
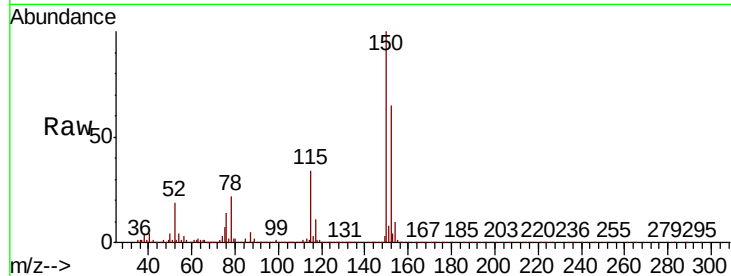


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX015102.D
Acq: 05 Mar 2020 11:25

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

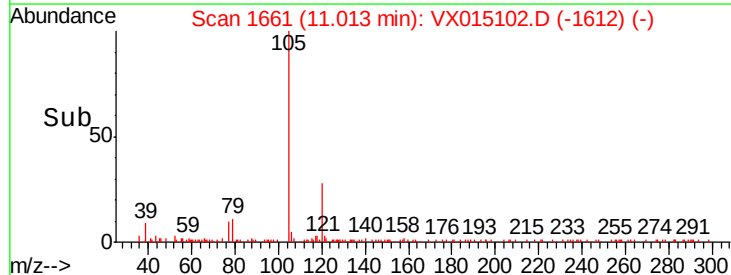
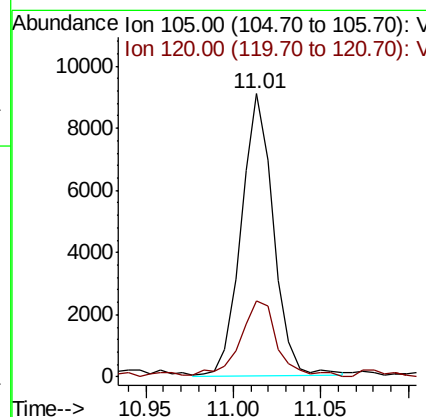
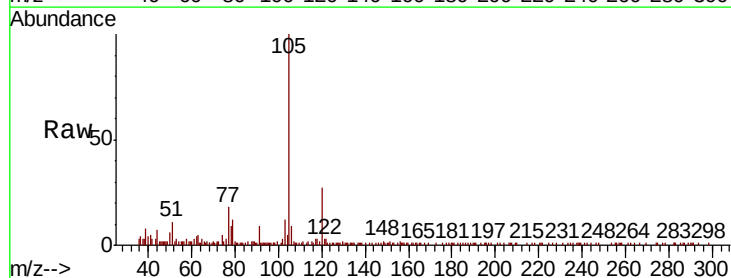
Tot Ion	Ratio	Lower	Upper
152	100		
115	55.0	38.2	114.6
150	153.5	0.0	343.8

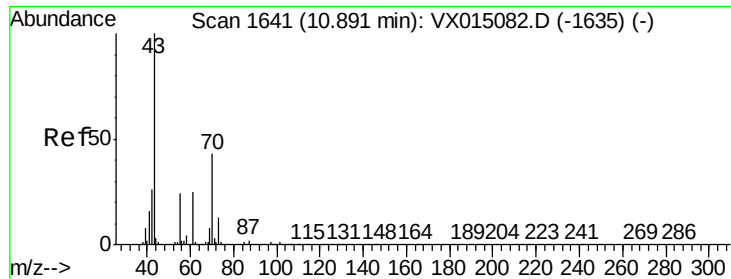


#73

Isopropylbenzene
Concen: 0.736 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX015102.D
Acq: 05 Mar 2020 11:25

Tgt Ion	Ratio	Lower	Upper
105	100		
120	31.5	13.5	40.5

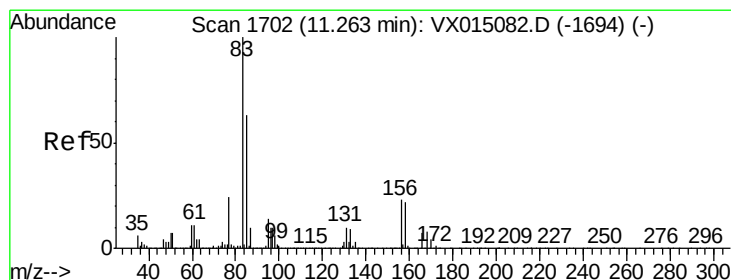
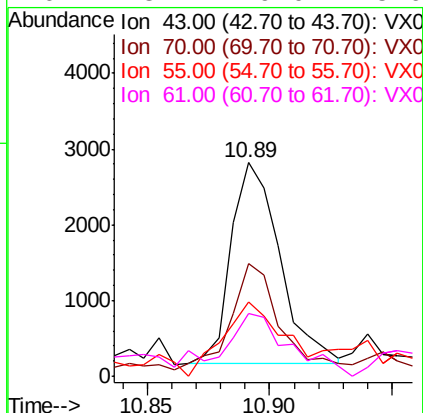
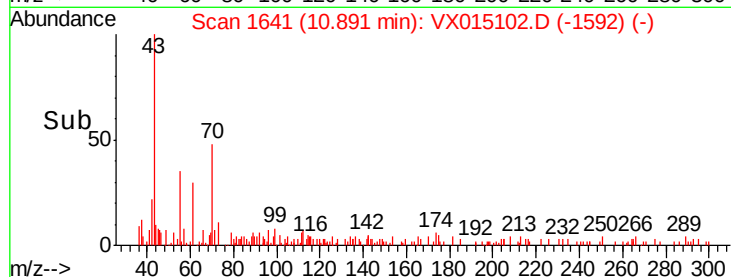
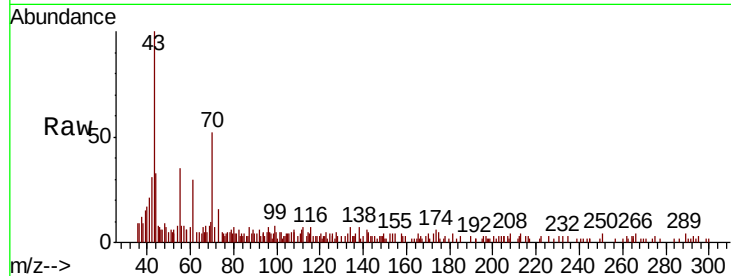




#74
N-amvl acetate
Concen: 0.554 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. -0.00 min
Lab File: VX015102.D
Acq: 05 Mar 2020 11:25

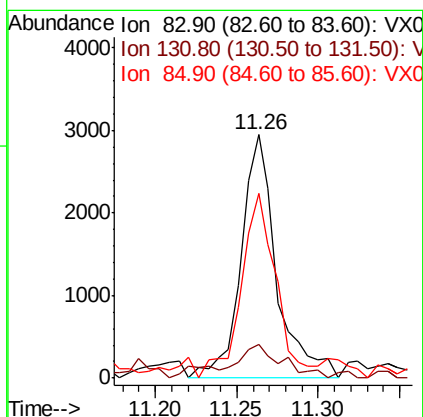
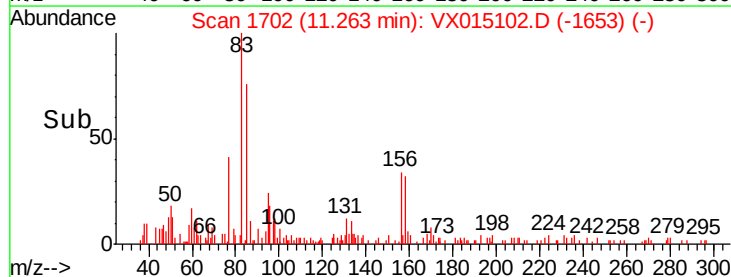
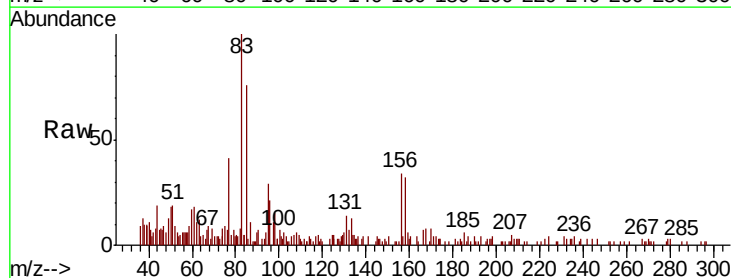
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020DL

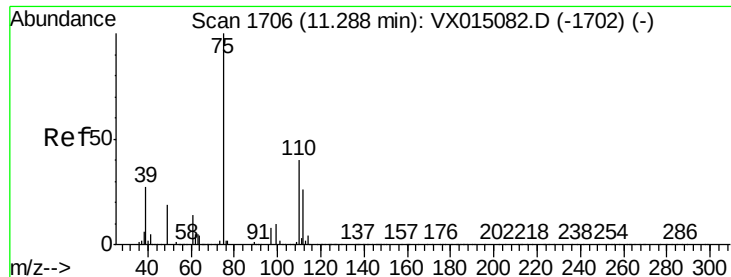
Tot Ion:	43	Resp:	3671
Ion	Ratio	Lower	Upper
43	100		
70	52.2	34.7	52.1#
55	48.6	19.4	29.0#
61	43.7	19.0	28.6#



#75
1,1,2,2-Tetrachloroethane
Concen: 0.854 ug/l
RT: 11.26 min Scan# 1702
Delta R.T. -0.00 min
Lab File: VX015102.D
Acq: 05 Mar 2020 11:25

Tgt Ion:	83	Resp:	4478
Ion	Ratio	Lower	Upper
83	100		
131	16.6	5.0	14.9#
85	74.6	31.9	95.9

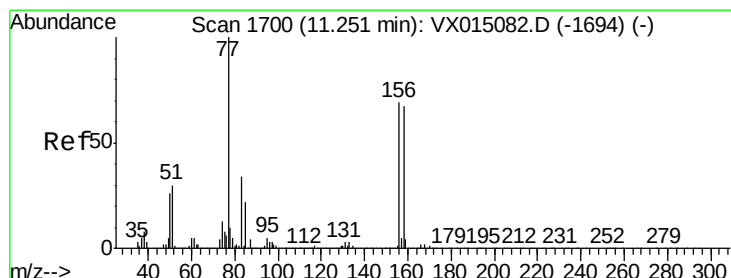
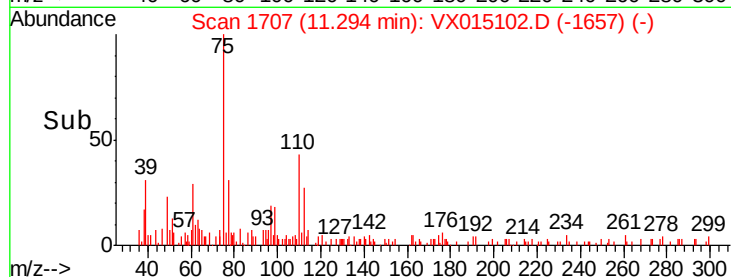
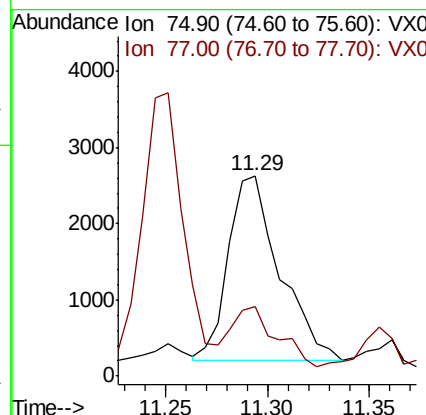
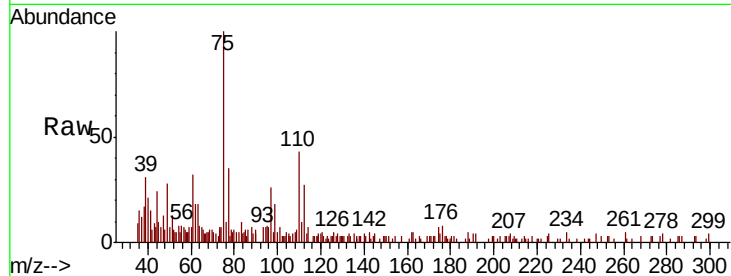




#76
 1,2,3-Trichloropropane
 Concen: 0.860 ug/l
 RT: 11.29 min Scan# 1707
 Delta R.T. 0.01 min
 Lab File: VX015102.D
 Acq: 05 Mar 2020 11:25

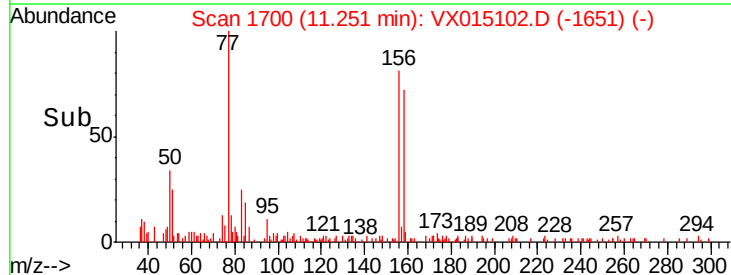
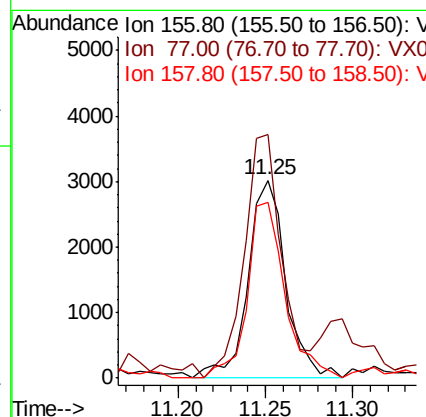
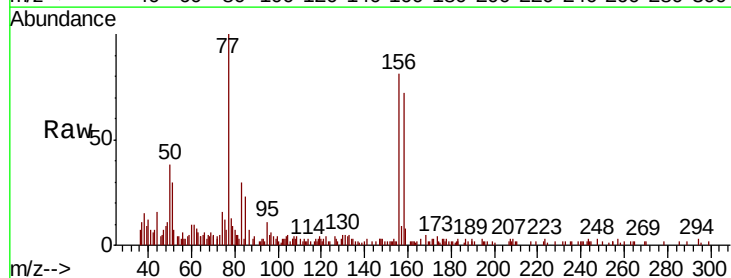
Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2020DL

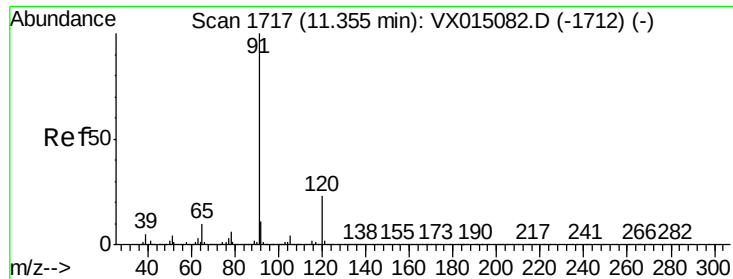
Tot Ion: 75 Resp: 4224
 Ion Ratio Lower Upper
 75 100
 77 36.7 22.6 67.8



#77
 Bromobenzene
 Concen: 1.032 ug/l
 RT: 11.25 min Scan# 1700
 Delta R.T. -0.00 min
 Lab File: VX015102.D
 Acq: 05 Mar 2020 11:25

Tgt Ion: 156 Resp: 4524
 Ion Ratio Lower Upper
 156 100
 77 122.7 75.3 225.9
 158 88.6 48.5 145.6





#78

n-propylbenzene

Concen: 0.732 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX015102.D

Acq: 05 Mar 2020 11:25

Instrument :

MSVOA_X

ClientSampleId :

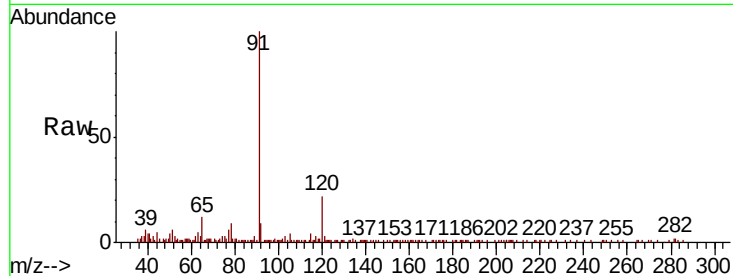
LOD-MDL-WATER-01-QT1-2020DL

Tot Ion: 91 Resp: 13159

Ion Ratio Lower Upper

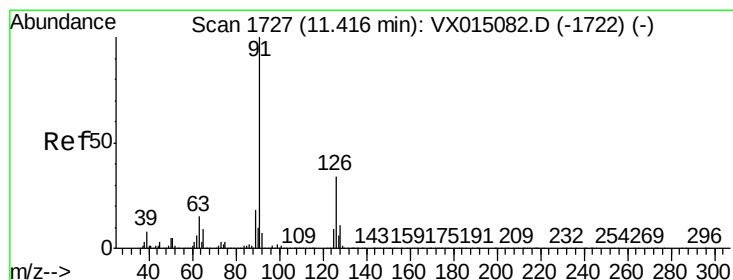
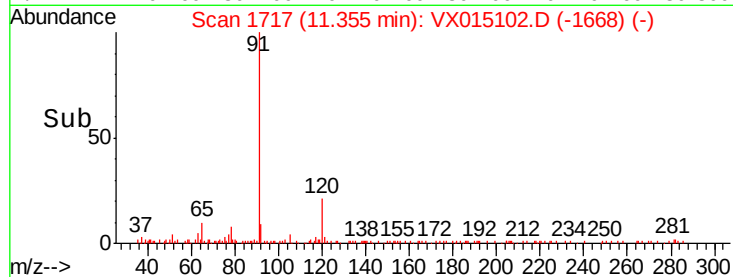
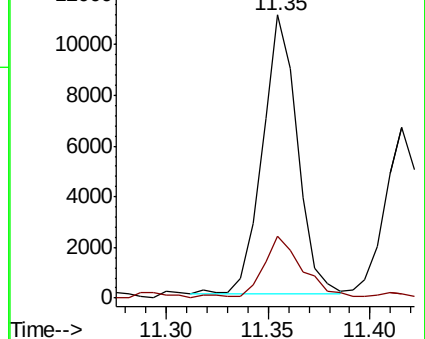
91 100

120 26.0 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 0.758 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX015102.D

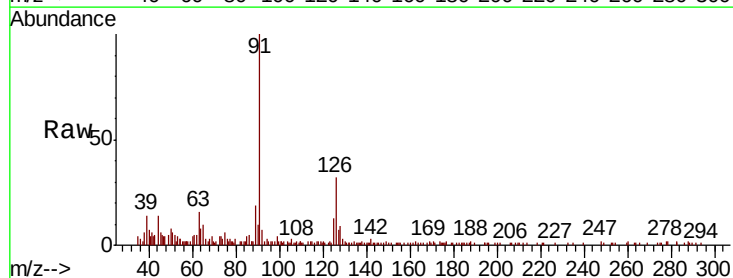
Acq: 05 Mar 2020 11:25

Tgt Ion: 91 Resp: 8137

Ion Ratio Lower Upper

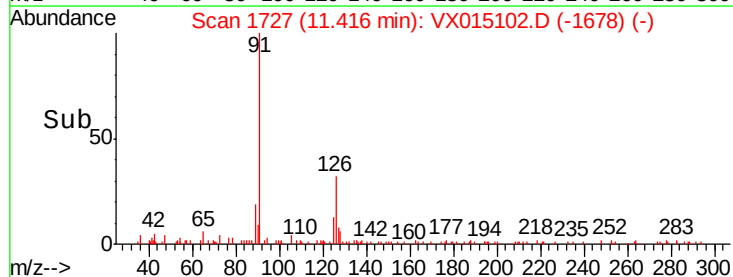
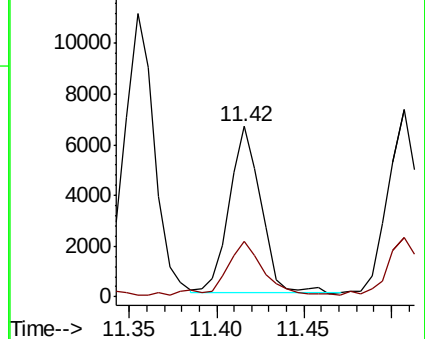
91 100

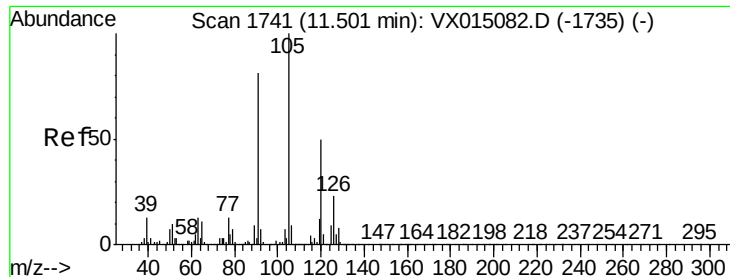
126 37.4 17.3 52.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#80

1,3,5-Trimethylbenzene

Concen: 0.687 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX015102.D

Acq: 05 Mar 2020 11:25

Instrument :

MSVOA_X

ClientSampleId :

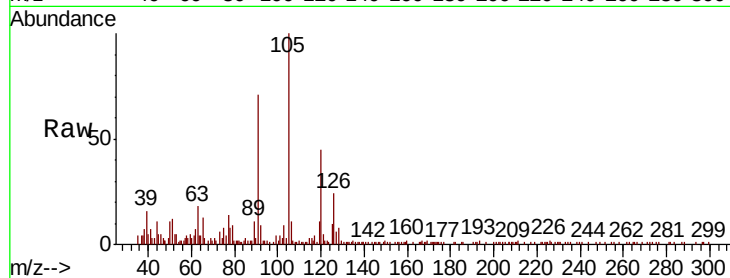
LOD-MDL-WATER-01-QT1-2020DL

Tot Ion:105 Resp: 8991

Ion Ratio Lower Upper

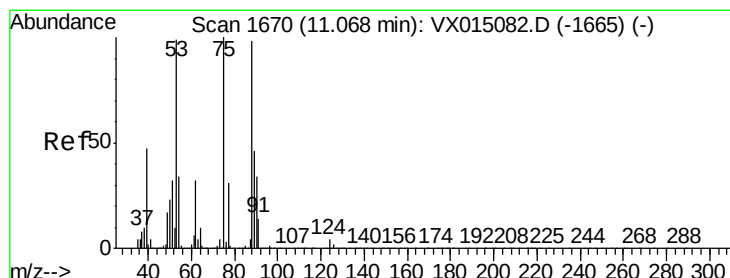
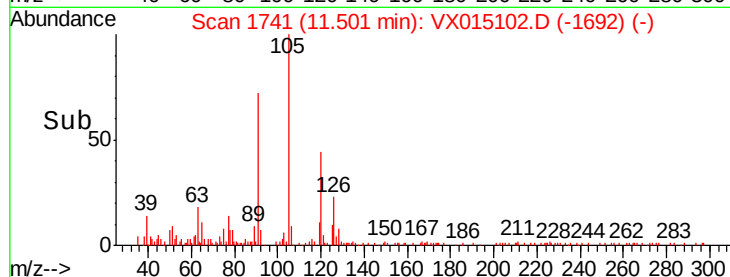
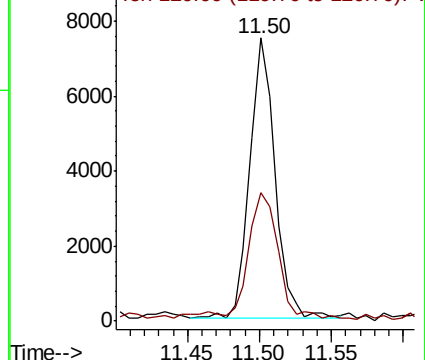
105 100

120 52.4 25.1 75.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 62.646 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.06 min

Lab File: VX015102.D

Acq: 05 Mar 2020 11:25

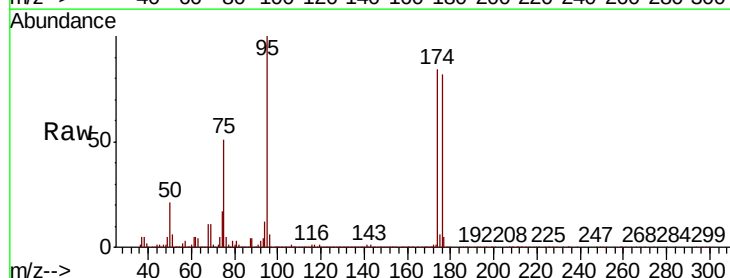
Tgt Ion: 75 Resp: 108395

Ion Ratio Lower Upper

75 100

53 0.2 77.9 116.9#

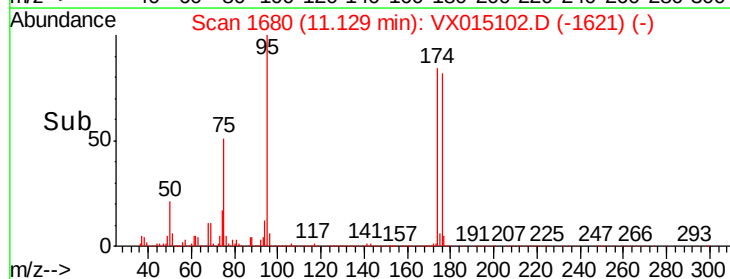
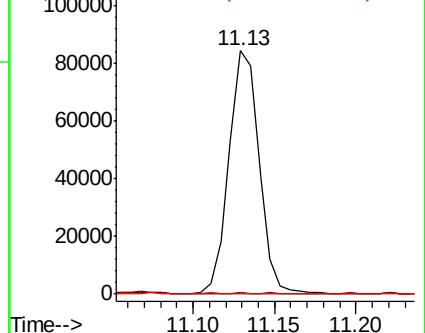
89 0.0 36.2 54.2#

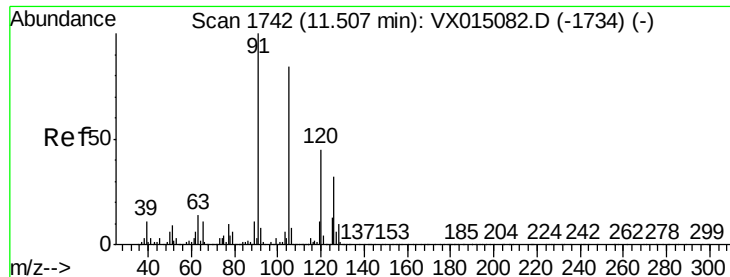


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0





#82

4-Chlorotoluene

Concen: 0.705 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX015102.D

Acq: 05 Mar 2020 11:25

Instrument :

MSVOA_X

ClientSampleId :

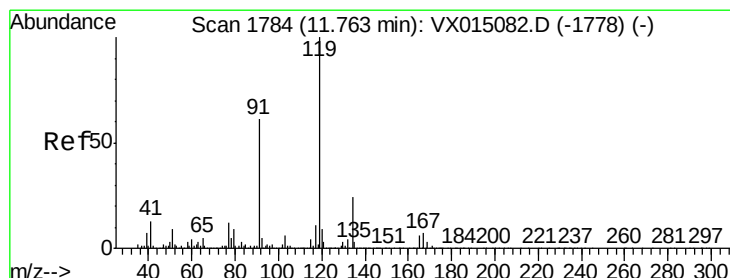
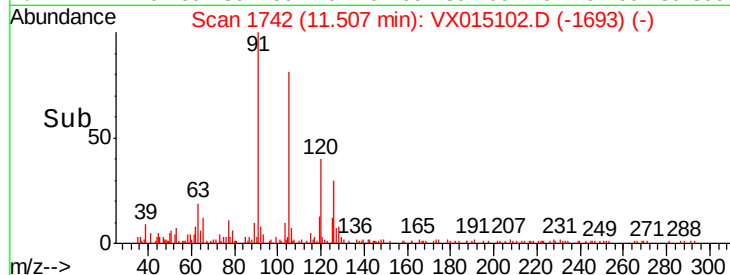
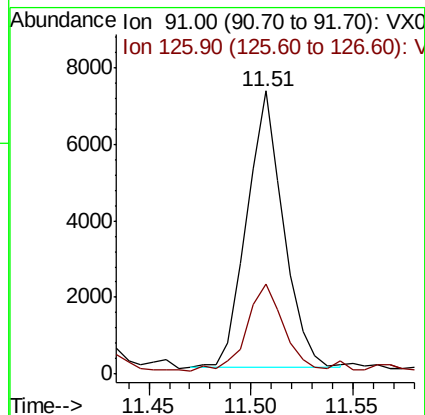
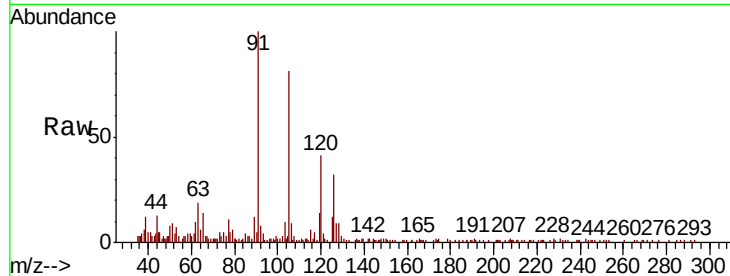
LOD-MDL-WATER-01-QT1-2020DL

Tot Ion: 91 Resp: 8933

Ion Ratio Lower Upper

91 100

126 34.8 15.4 46.2



#83

tert-Butylbenzene

Concen: 0.735 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VX015102.D

Acq: 05 Mar 2020 11:25

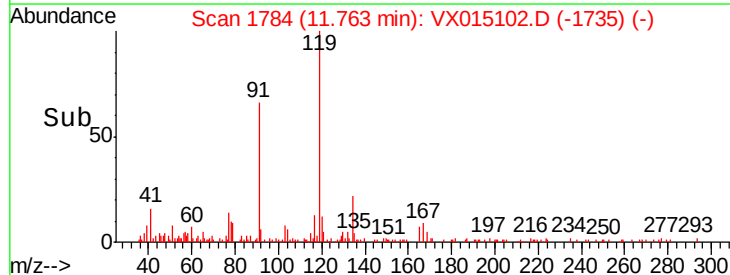
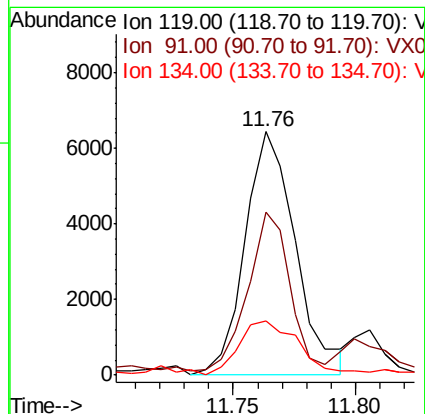
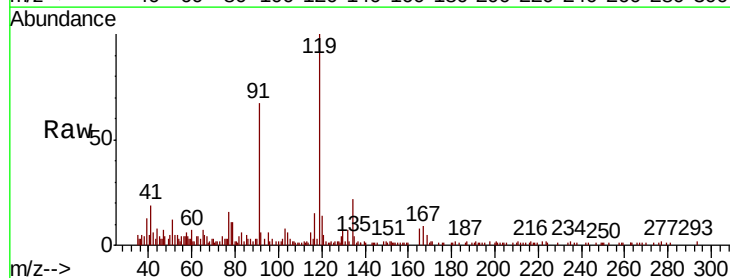
Tgt Ion: 119 Resp: 9298

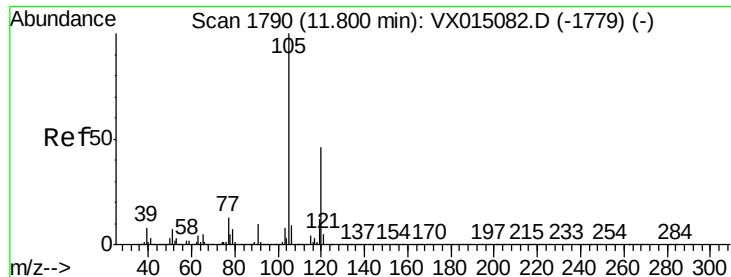
Ion Ratio Lower Upper

119 100

91 56.8 28.5 85.6

134 26.3 11.9 35.7

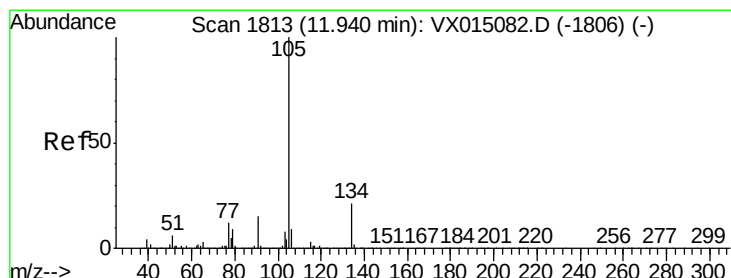
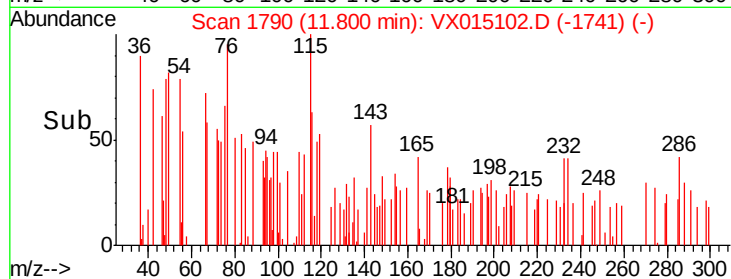
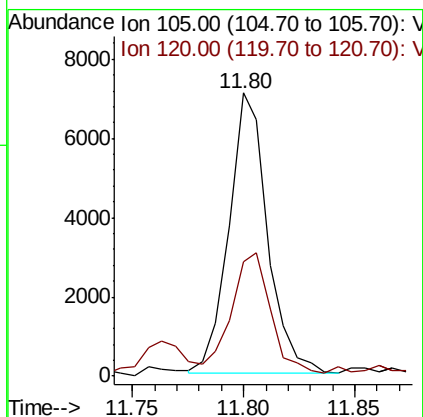
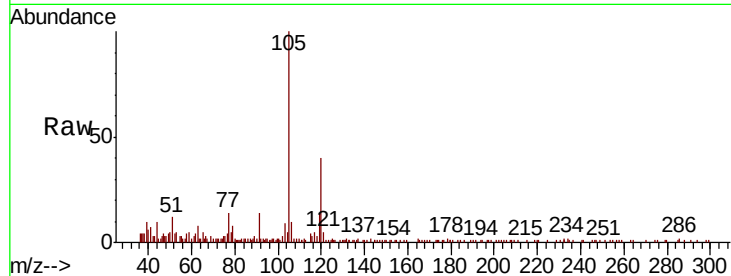




#84
 1,2,4-Trimethylbenzene
 Concen: 0.648 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX015102.D
 Acq: 05 Mar 2020 11:25

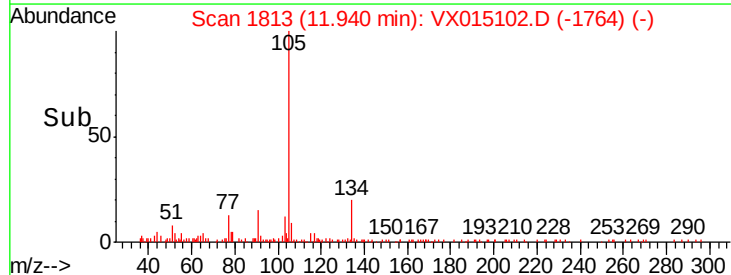
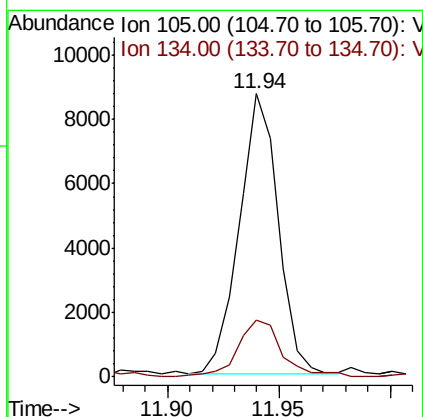
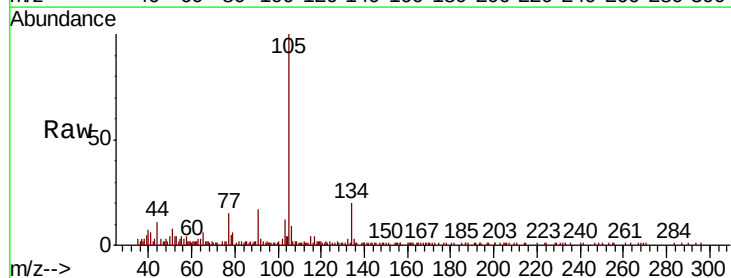
Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2020DL

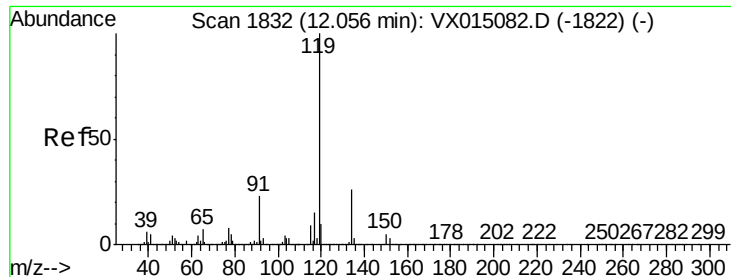
Tot Ion:105 Resp: 8525
 Ion Ratio Lower Upper
 105 100
 120 42.8 22.9 68.5



#85
 sec-Butylbenzene
 Concen: 0.691 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX015102.D
 Acq: 05 Mar 2020 11:25

Tgt Ion:105 Resp: 10553
 Ion Ratio Lower Upper
 105 100
 134 23.5 10.4 31.2





#86

p-Isopropyltoluene

Concen: 0.697 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.01 min

Lab File: VX015102.D

Acq: 05 Mar 2020 11:25

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020DL

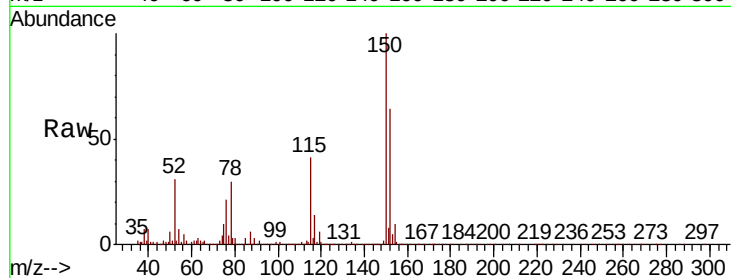
Tot Ion:119 Resp: 9810

Ion Ratio Lower Upper

119 100

134 29.6 13.4 40.1

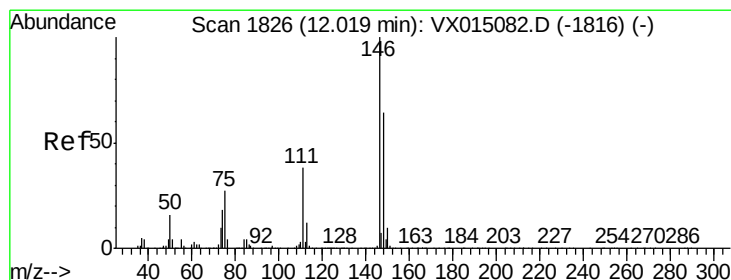
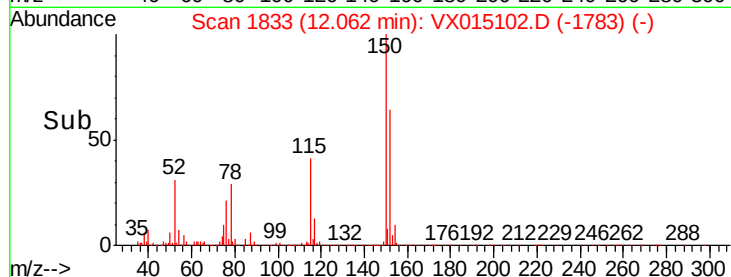
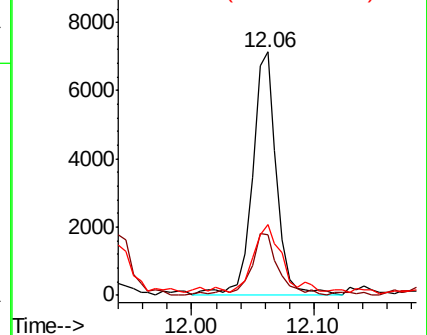
91 33.0 11.3 33.8



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): V



#87

1,3-Dichlorobenzene

Concen: 0.826 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VX015102.D

Acq: 05 Mar 2020 11:25

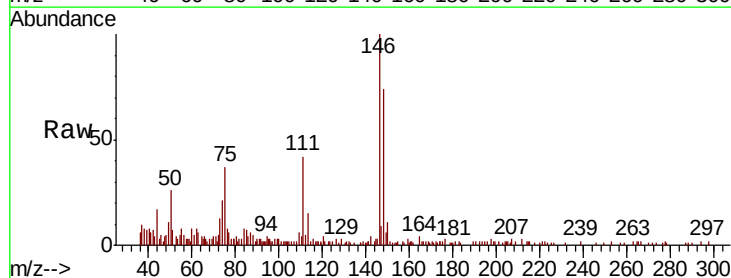
Tgt Ion:146 Resp: 6361

Ion Ratio Lower Upper

146 100

111 39.4 19.1 57.1

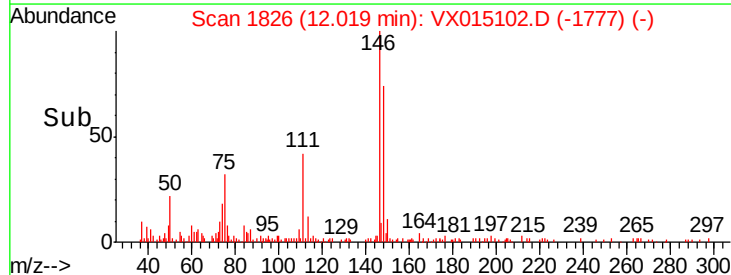
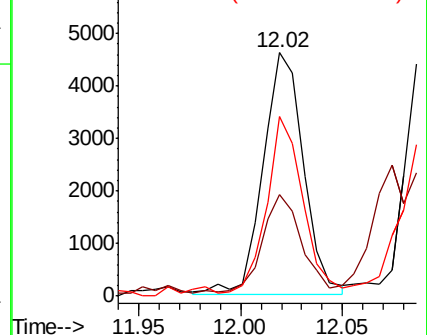
148 68.2 31.9 95.5

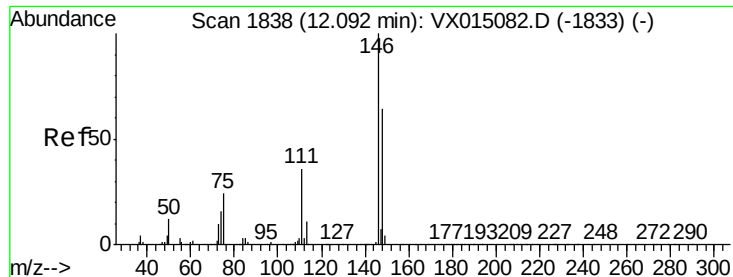


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#88

1,4-Dichlorobenzene

Concen: 0.800 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. -0.07 min

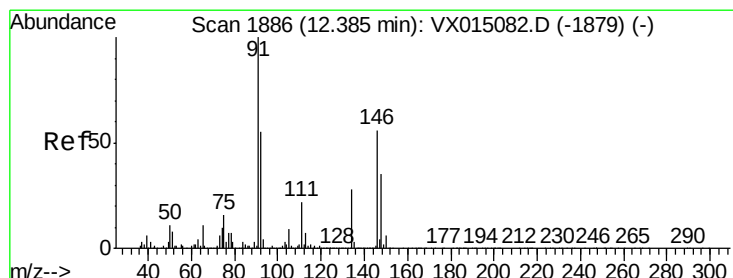
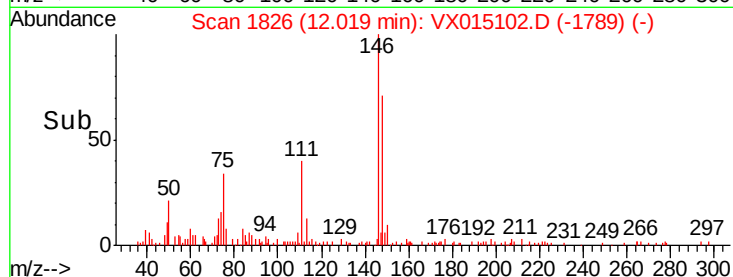
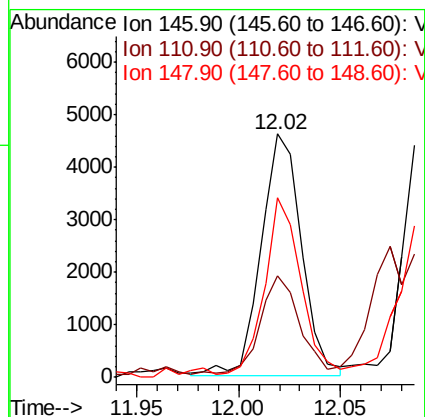
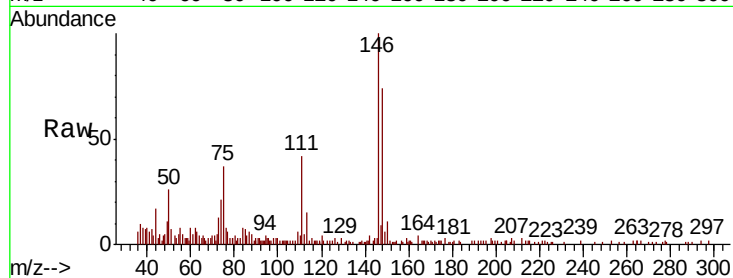
Lab File: VX015102.D

Acq: 05 Mar 2020 11:25

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

Tot Ion:146 Resp: 6361

Ion	Ratio	Lower	Upper
146	100		
111	39.6	18.7	56.1
148	68.2	32.5	97.4



#89

n-Butylbenzene

Concen: 0.657 ug/l

RT: 12.38 min Scan# 1886

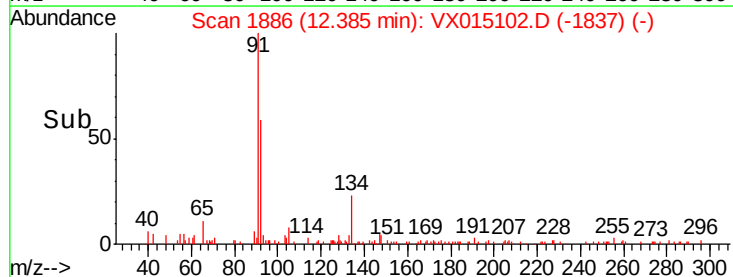
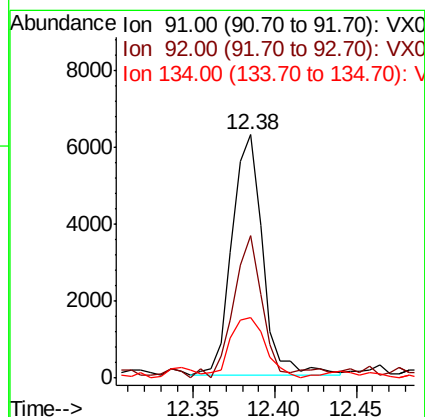
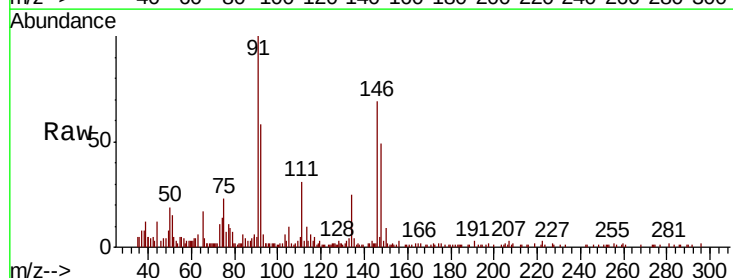
Delta R.T. -0.00 min

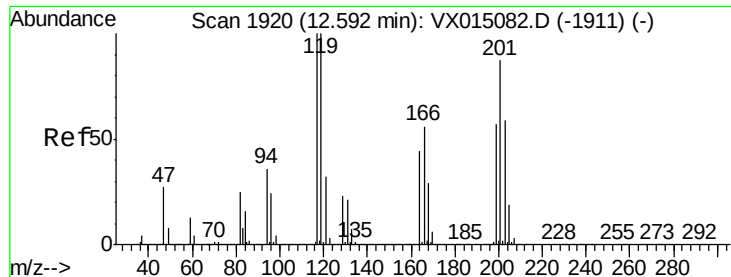
Lab File: VX015102.D

Acq: 05 Mar 2020 11:25

Tgt Ion: 91 Resp: 8229

Ion	Ratio	Lower	Upper
91	100		
92	54.9	27.2	81.6
134	29.6	13.5	40.5

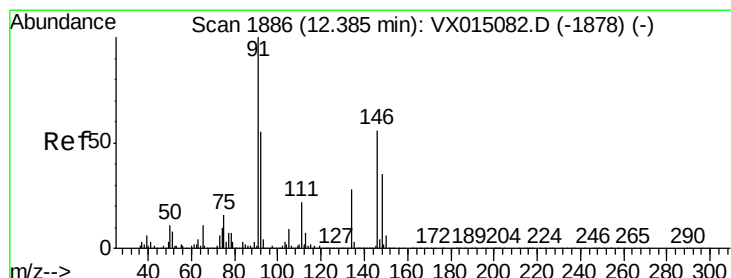
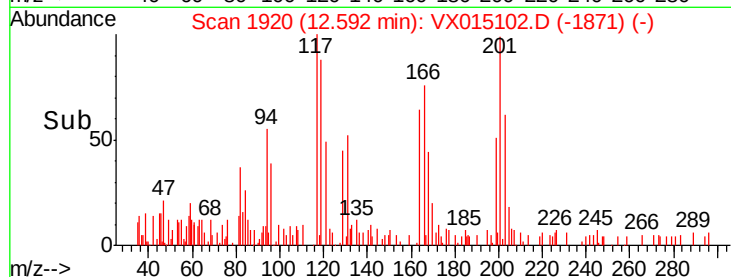
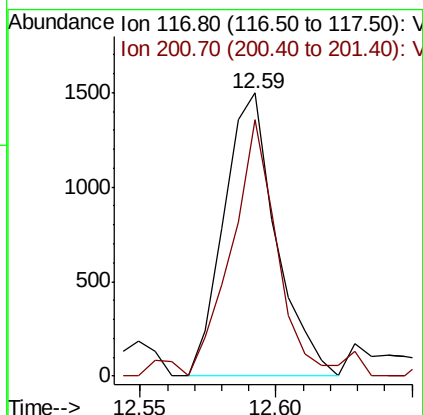
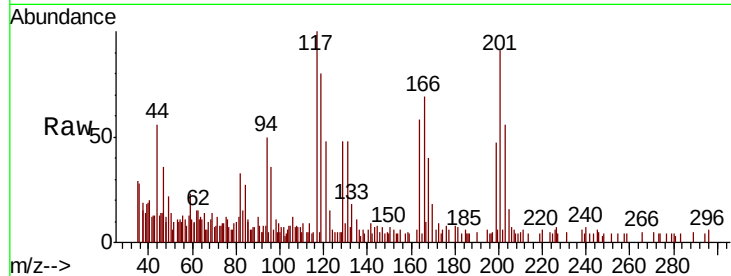




#90
Hexachloroethane
Concen: 0.747 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX015102.D
Acq: 05 Mar 2020 11:25

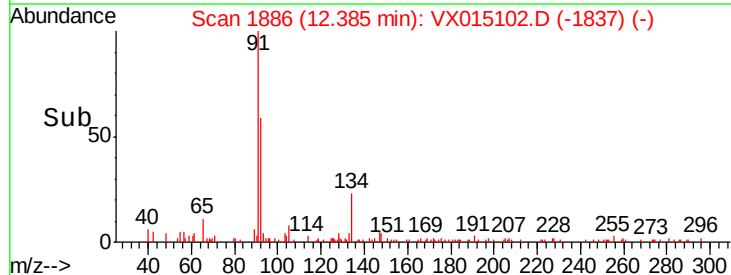
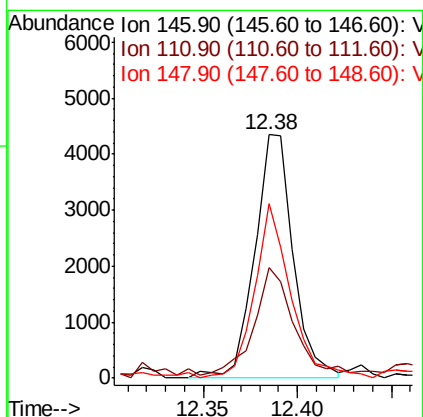
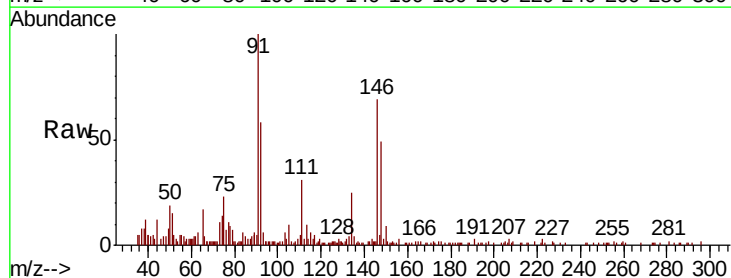
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020DL

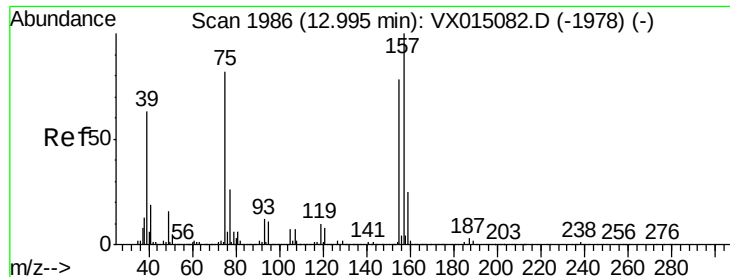
Tot Ion:117 Resp: 1989
Ion Ratio Lower Upper
117 100
201 84.3 43.5 130.7



#91
1,2-Dichlorobenzene
Concen: 0.805 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX015102.D
Acq: 05 Mar 2020 11:25

Tgt Ion:146 Resp: 6170
Ion Ratio Lower Upper
146 100
111 45.5 19.9 59.7
148 67.0 32.3 96.8





#92

1,2-Dibromo-3-Chloropropane

Concen: 1.125 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VX015102.D

Acq: 05 Mar 2020 11:25

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020DL

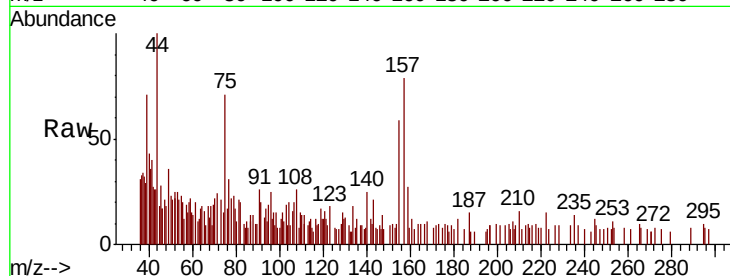
Tot Ion: 75 Resp: 1181

Ion Ratio Lower Upper

75 100

155 77.5 46.6 139.7

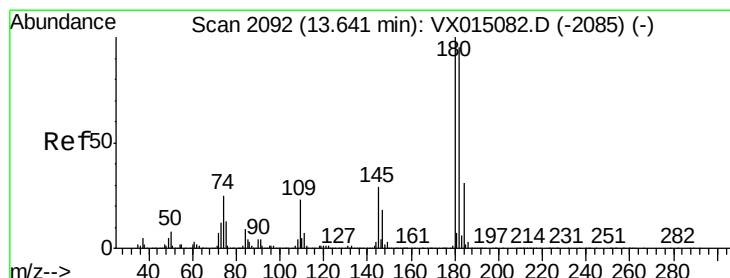
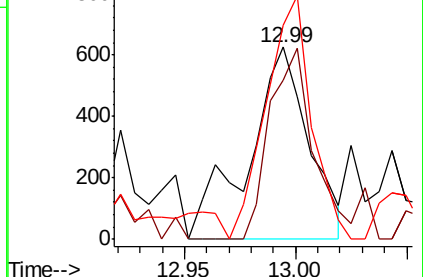
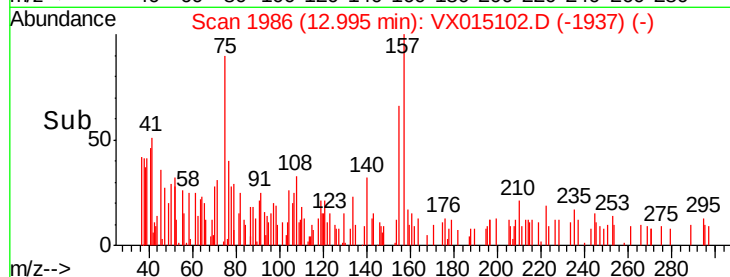
157 94.3 59.2 177.5



Abundance Ion 74.90 (74.60 to 75.60): VX015102.D (-1937) (-)

Ion 154.80 (154.50 to 155.50): VX015102.D (-1937) (-)

Ion 156.80 (156.50 to 157.50): VX015102.D (-1937) (-)



#93

1,2,4-Trichlorobenzene

Concen: 0.843 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. -0.00 min

Lab File: VX015102.D

Acq: 05 Mar 2020 11:25

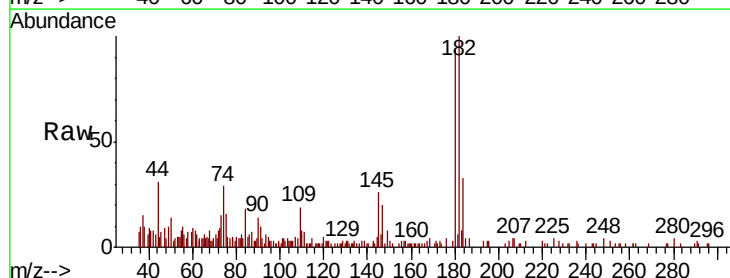
Tgt Ion: 180 Resp: 4482

Ion Ratio Lower Upper

180 100

182 100.4 47.6 142.8

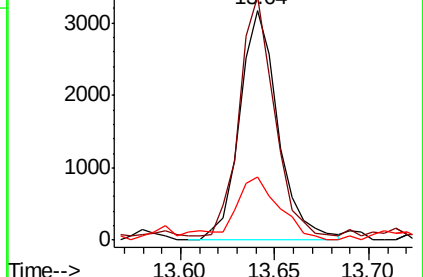
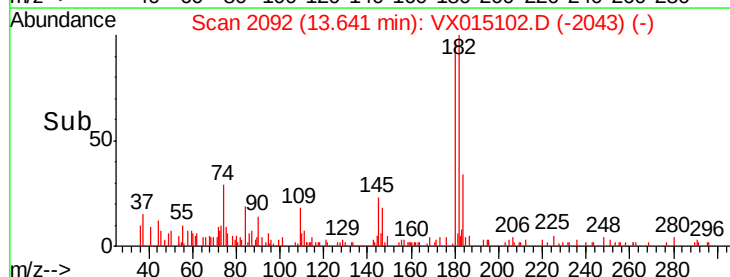
145 32.3 14.1 42.2

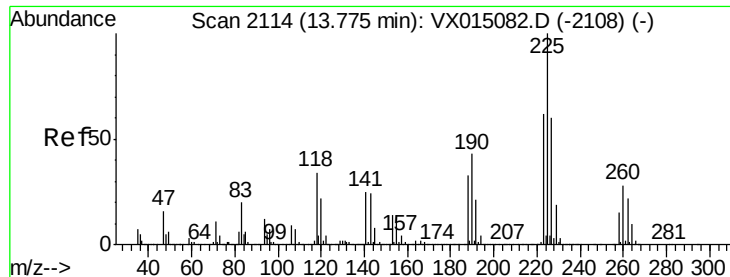


Abundance Ion 179.80 (179.50 to 180.50): VX015102.D (-2043) (-)

Ion 181.80 (181.50 to 182.50): VX015102.D (-2043) (-)

Ion 144.80 (144.50 to 145.50): VX015102.D (-2043) (-)





#94

Hexachlorobutadiene

Concen: 0.821 ug/l

RT: 13.77 min Scan# 2114

Delta R.T. -0.00 min

Lab File: VX015102.D

Acq: 05 Mar 2020 11:25

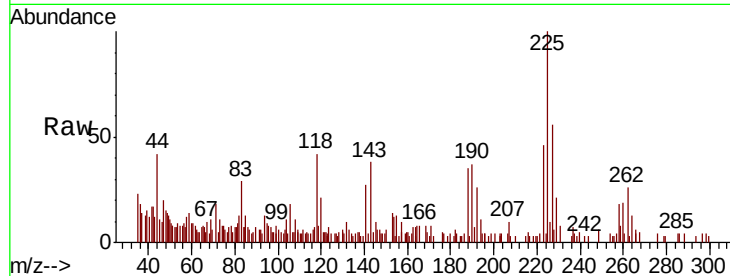
Instrument :

MSVOA_X

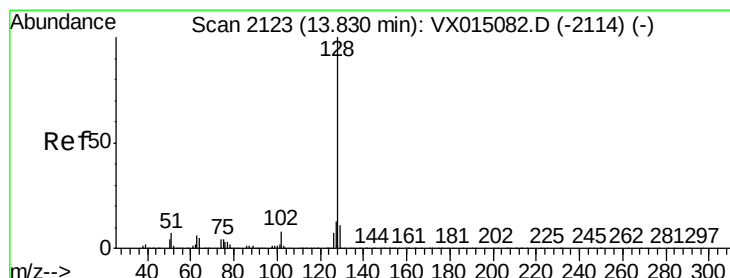
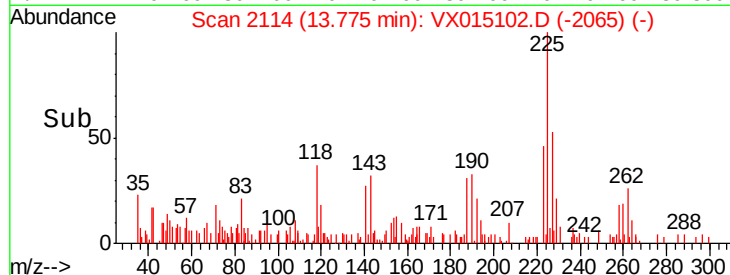
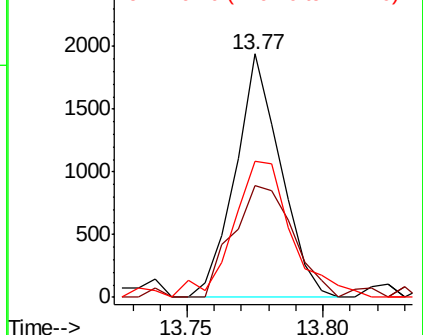
ClientSampleId :

LOD-MDL-WATER-01-QT1-2020DL

Tot Ion:	225	Resp:	2241
Ion	Ratio	Lower	Upper
225	100		
223	62.2	31.3	93.9
227	75.0	31.1	93.2



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



#95

Naphthalene

Concen: 0.629 ug/l

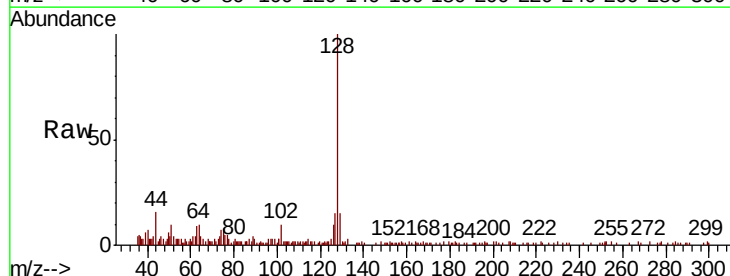
RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

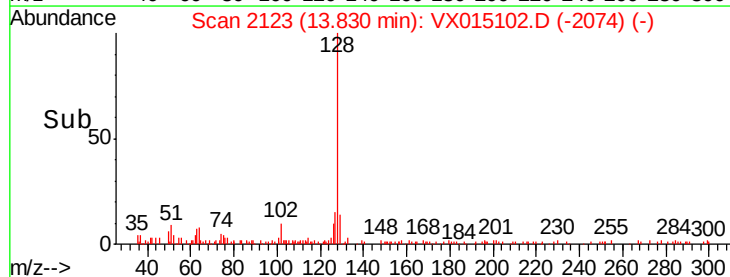
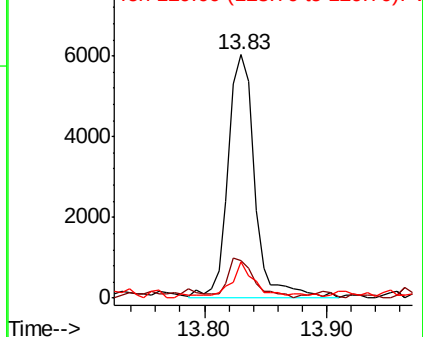
Lab File: VX015102.D

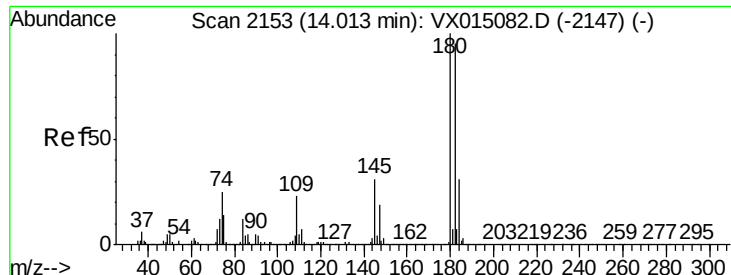
Acq: 05 Mar 2020 11:25

Tgt Ion:	128	Resp:	9137
Ion	Ratio	Lower	Upper
128	100		
127	16.3	10.3	15.5#
129	10.2	8.6	13.0



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

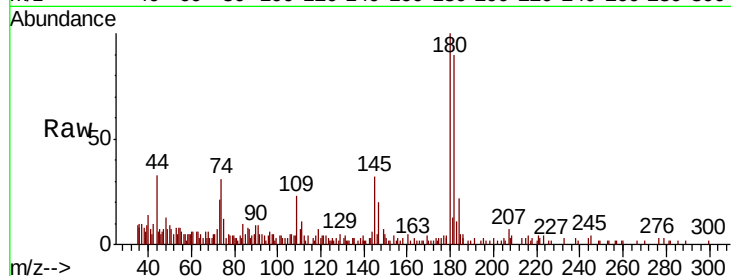




#96
 1,2,3-Trichlorobenzene
 Concen: 0.860 ug/l
 RT: 14.01 min Scan# 2153
 Delta R.T. -0.00 min
 Lab File: VX015102.D
 Acq: 05 Mar 2020 11:25

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

Tot Ion:	180	Resp:	4563
Ion	Ratio	Lower	Upper
180	100		
182	82.9	47.8	143.4
145	27.2	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

