

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX030420\
 Data File : VX015090.D
 Acq On : 04 Mar 2020 16:19
 Operator : JC/SP
 Sample : L1161-07 0.5PPB LOD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Mar 05 08:05:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 07:49:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	377921	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	594882	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	537600	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	259003	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	217960	48.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.22%	
35) Dibromofluoromethane	5.49	113	173691	46.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.56%	
50) Toluene-d8	8.71	98	663812	46.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.00%	
62) 4-Bromofluorobenzene	11.13	95	223655	43.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.84%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.19	85	2173	0.657 ug/l	100
3) Chloromethane	1.32	50	3059	0.653 ug/l	96
4) Vinyl Chloride	1.40	62	2786	0.586 ug/l #	73
5) Bromomethane	1.64	94	2563	0.877 ug/l	84
6) Chloroethane	1.73	64	1869	0.655 ug/l	96
7) Trichlorofluoromethane	1.92	101	3057	0.540 ug/l	87
8) Diethyl Ether	2.19	74	1443	0.563 ug/l	81
9) 1,1,2-Trichlorotrifluoroet	2.38	101	2140	0.601 ug/l #	87
10) Methyl Iodide	2.51	142	3156	0.785 ug/l #	88
11) Tert butyl alcohol	3.03	59	1846	2.373 ug/l #	36
12) 1,1-Dichloroethene	2.37	96	2128	0.579 ug/l #	74
13) Acrolein	2.29	56	2209	3.022 ug/l	90
14) Allyl chloride	2.72	41	4478	0.699 ug/l	95
15) Acrylonitrile	3.14	53	5993	3.094 ug/l	92
16) Acetone	2.44	43	6263	3.449 ug/l #	81
17) Carbon Disulfide	2.56	76	7834	0.768 ug/l	98
18) Methyl Acetate	2.77	43	2722	0.613 ug/l #	81
19) Methyl tert-butyl Ether	3.18	73	6534	0.569 ug/l #	78
20) Methylene Chloride	2.84	84	2868	0.675 ug/l #	72
21) trans-1,2-Dichloroethene	3.16	96	2944	0.751 ug/l	88
22) Diisopropyl ether	3.84	45	6631	0.520 ug/l #	83
23) Vinyl Acetate	3.81	43	25719	2.452 ug/l #	91
24) 1,1-Dichloroethane	3.69	63	4685	0.662 ug/l #	83
25) 2-Butanone	4.68	43	7533	2.834 ug/l	90
27) cis-1,2-Dichloroethene	4.59	96	2984	0.678 ug/l	94
28) Bromochloromethane	5.01	49	2123	0.658 ug/l #	64
29) Tetrahydrofuran	5.13	42	3954	2.307 ug/l #	85
30) Chloroform	5.21	83	4521	0.655 ug/l	97
31) Cyclohexane	5.57	56	3574	0.566 ug/l #	66
32) 1,1,1-Trichloroethane	5.47	97	1830	0.320 ug/l #	42
36) 1,1-Dichloropropene	5.79	75	3988	0.725 ug/l #	78
37) Ethyl Acetate	4.83	43	2760	0.541 ug/l #	88
38) Carbon Tetrachloride	5.78	117	2585	0.498 ug/l	88
39) Methylcyclohexane	7.46	83	3579	0.557 ug/l #	86

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Quant Time: Mar 05 08:05:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 07:49:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Benzene	6.14	78	8481	0.520	ug/l	100
42) 1,2-Dichloroethane	6.19	62	3715	0.663	ug/l	88
43) Isopropyl Acetate	6.44	43	4371	0.487	ug/l #	96
44) Trichloroethene	7.21	130	3384	0.745	ug/l	90
45) 1,2-Dichloropropane	7.51	63	2262	0.536	ug/l	96
46) Dibromomethane	7.66	93	1656	0.602	ug/l	86
47) Bromodichloromethane	7.90	83	2944	0.541	ug/l #	99
48) Methyl methacrylate	7.77	41	1859	0.407	ug/l #	89
49) 1,4-Dioxane	7.76	88	1472	14.906	ug/l #	69
51) 4-Methyl-2-Pentanone	8.64	43	12764	2.406	ug/l	95
52) Toluene	8.78	92	5385	0.540	ug/l	88
53) t-1,3-Dichloropropene	9.04	75	2681	0.463	ug/l	95
54) cis-1,3-Dichloropropene	8.43	75	3202	0.489	ug/l #	89
55) 1,1,2-Trichloroethane	9.21	97	2265	0.552	ug/l #	82
56) Ethyl methacrylate	9.18	69	2726	0.465	ug/l #	86
57) 1,3-Dichloropropane	9.37	76	4269	0.618	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	7272	2.279	ug/l	96
59) 2-Hexanone	9.49	43	8228	2.092	ug/l	87
60) Dibromochloromethane	9.58	129	2549	0.591	ug/l	97
61) 1,2-Dibromoethane	9.67	107	2555	0.592	ug/l	96
64) Tetrachloroethene	9.33	164	2870	0.646	ug/l	84
65) Chlorobenzene	10.14	112	6109	0.566	ug/l	91
66) 1,1,1,2-Tetrachloroethane	10.22	131	2116	0.520	ug/l #	63
67) Ethyl Benzene	10.25	91	9358	0.511	ug/l	96
68) m/p-Xylenes	10.36	106	7396	1.061	ug/l	96
69) o-Xylene	10.69	106	3118	0.467	ug/l	93
70) Styrene	10.71	104	5612	0.490	ug/l	90
71) Bromoform	10.85	173	1620	0.513	ug/l #	74
73) Isopropylbenzene	11.01	105	8311	0.502	ug/l	91
74) N-amyl acetate	10.89	43	3481	0.499	ug/l #	83
75) 1,1,2,2-Tetrachloroethane	11.26	83	3171	0.575	ug/l #	92
76) 1,2,3-Trichloropropane	11.13	75	111022	21.490	ug/l #	33
77) Bromobenzene	11.25	156	3316	0.719	ug/l	86
78) n-propylbenzene	11.35	91	10635	0.563	ug/l	95
79) 2-Chlorotoluene	11.42	91	6837	0.606	ug/l	96
80) 1,3,5-Trimethylbenzene	11.50	105	6564	0.477	ug/l	85
81) trans-1,4-Dichloro-2-buten	11.13	75	111022	60.988	ug/l #	11
82) 4-Chlorotoluene	11.51	91	8532	0.640	ug/l	95
83) tert-Butylbenzene	11.77	119	6958	0.522	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	7759	0.561	ug/l	97
85) sec-Butylbenzene	11.94	105	8108	0.504	ug/l	92
86) p-Isopropyltoluene	12.06	119	7086	0.478	ug/l #	77
87) 1,3-Dichlorobenzene	12.02	146	5484	0.677	ug/l	97
88) 1,4-Dichlorobenzene	12.02	146	5484	0.655	ug/l	95
89) n-Butylbenzene	12.39	91	7122	0.541	ug/l	89
90) Hexachloroethane	12.59	117	1607	0.574	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	5321	0.660	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	12.99	75	662	0.600	ug/l	69
93) 1,2,4-Trichlorobenzene	13.64	180	4413	0.789	ug/l	87
94) Hexachlorobutadiene	13.78	225	2109	0.735	ug/l	93

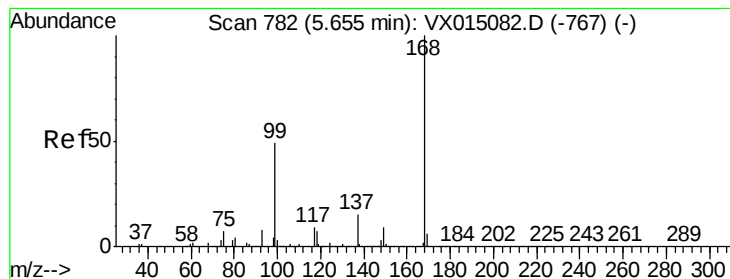
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX030420\
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 05 07:49:33 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	13.83	128	8383	0.548	ug/l #	92
96) 1,2,3-Trichlorobenzene	14.01	180	3626	0.650	ug/l	98

(#) = 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: VX015090.D

Acq: 04 Mar 2020 16:19

Instrument :

MSVOA_X

ClientSampleId :

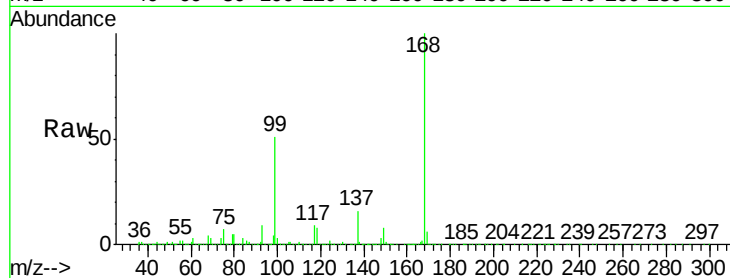
LOD-MDL-WATER-01-QT1-2020

Tgt Ion:168 Resp: 377921

Ion Ratio Lower Upper

168 100

99 50.6 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

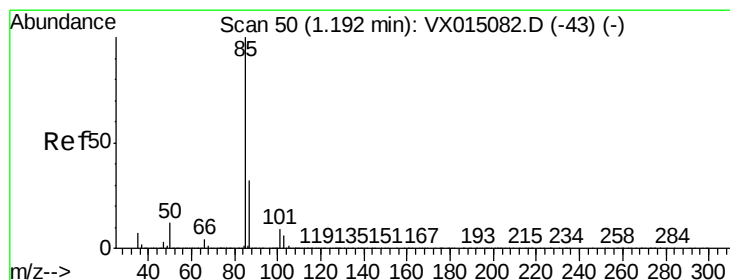
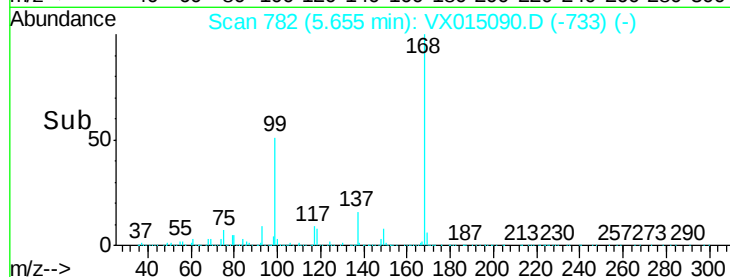
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 0.657 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX015090.D

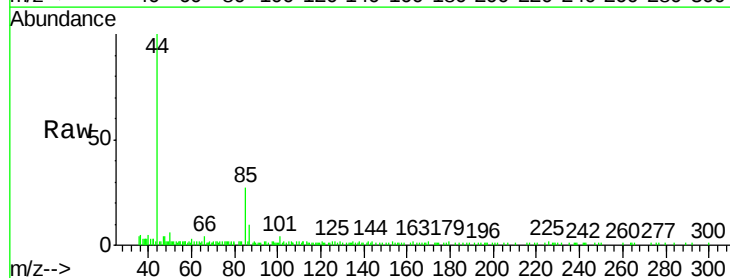
Acq: 04 Mar 2020 16:19

Tgt Ion: 85 Resp: 2173

Ion Ratio Lower Upper

85 100

87 32.3 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

2000

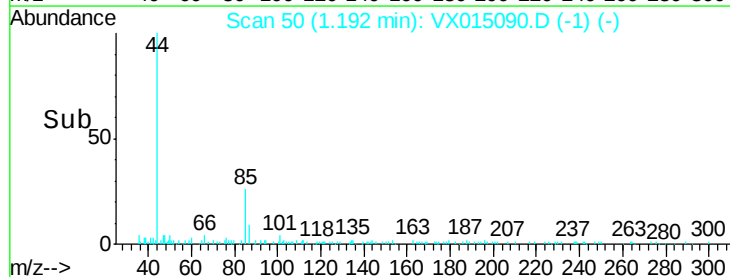
1500

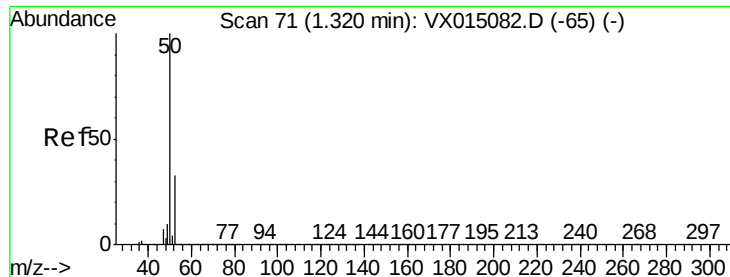
1000

500

0

Time-->





#3

Chloromethane

Concen: 0.653 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX015090.D

Acq: 04 Mar 2020 16:19

Instrument :

MSVOA_X

ClientSampleId :

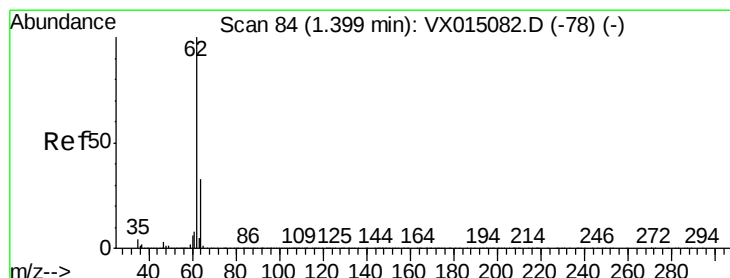
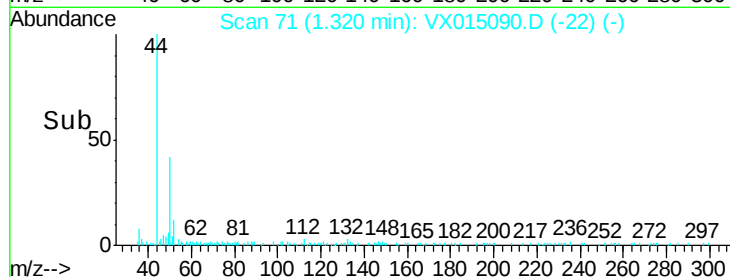
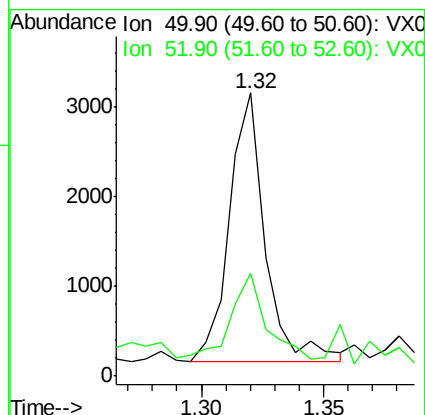
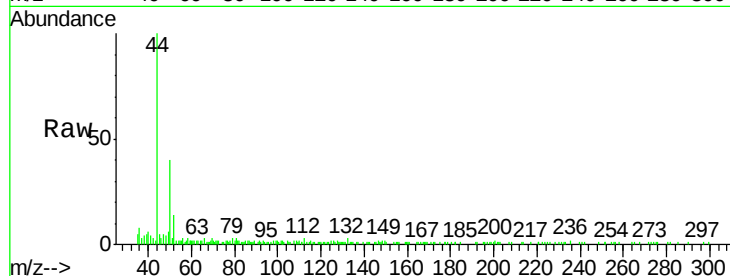
LOD-MDL-WATER-01-QT1-2020

Tgt Ion: 50 Resp: 3059

Ion Ratio Lower Upper

50 100

52 30.5 26.2 39.2



#4

Vinyl Chloride

Concen: 0.586 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX015090.D

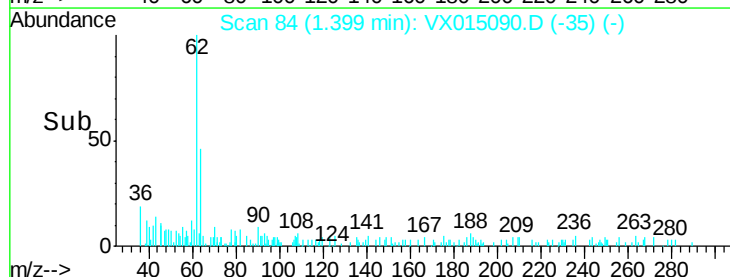
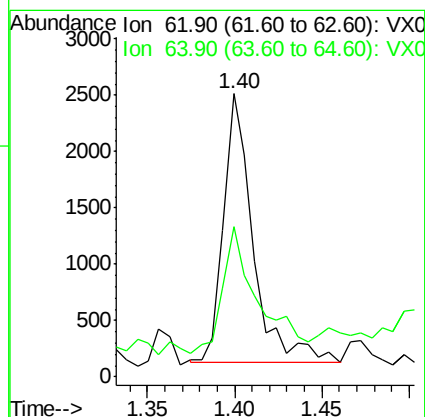
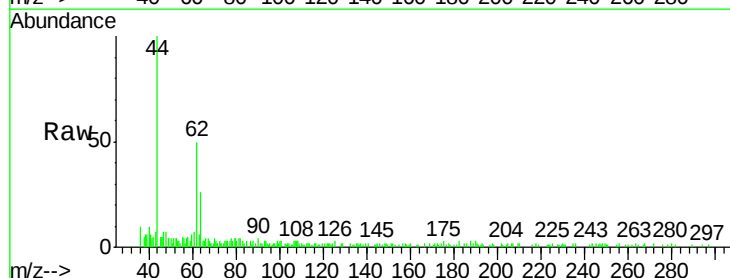
Acq: 04 Mar 2020 16:19

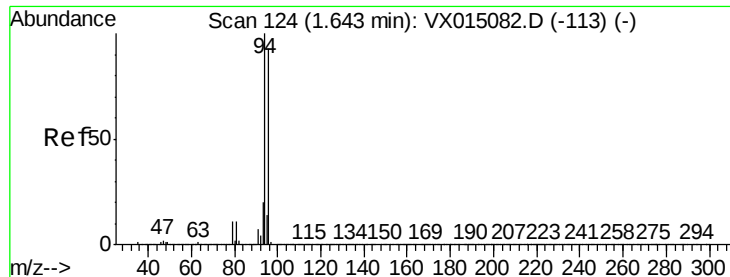
Tgt Ion: 62 Resp: 2786

Ion Ratio Lower Upper

62 100

64 47.5 26.1 39.1#





#5

Bromomethane

Concen: 0.877 ug/l

RT: 1.64 min Scan# 124

Delta R.T. 0.00 min

Lab File: VX015090.D

Acq: 04 Mar 2020 16:19

Instrument :

MSVOA_X

ClientSampleId :

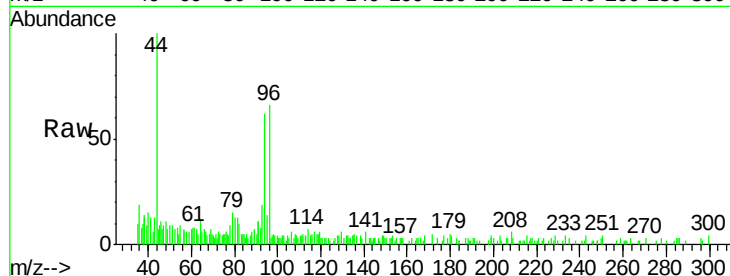
LOD-MDL-WATER-01-QT1-2020

Tgt Ion: 94 Resp: 2563

Ion Ratio Lower Upper

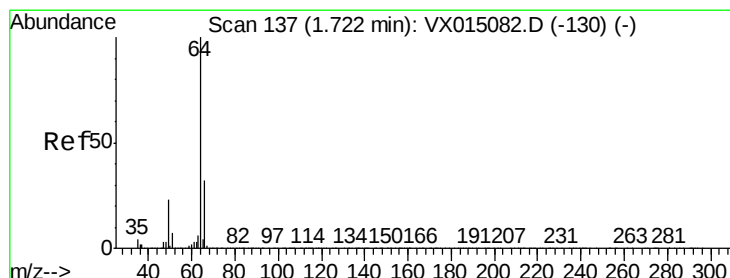
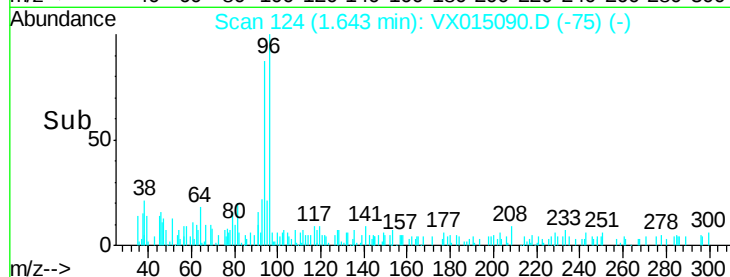
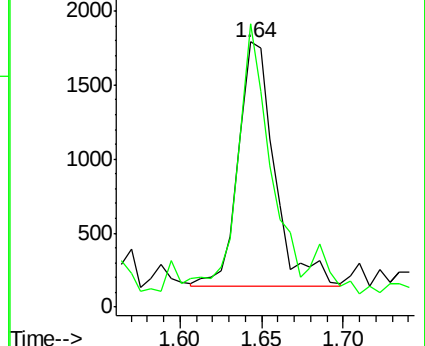
94 100

96 108.5 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: 0.655 ug/l

RT: 1.73 min Scan# 138

Delta R.T. 0.01 min

Lab File: VX015090.D

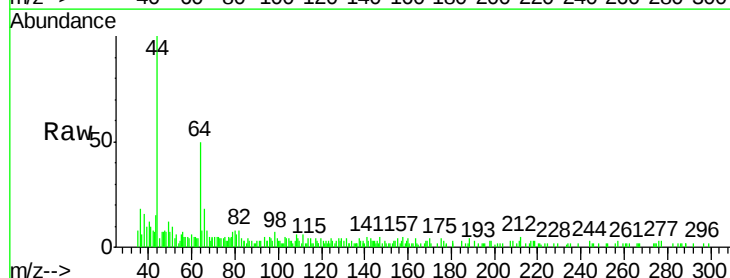
Acq: 04 Mar 2020 16:19

Tgt Ion: 64 Resp: 1869

Ion Ratio Lower Upper

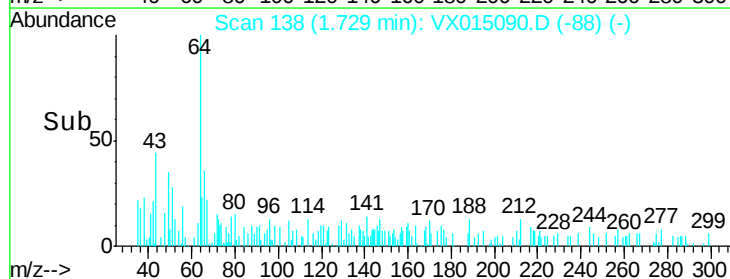
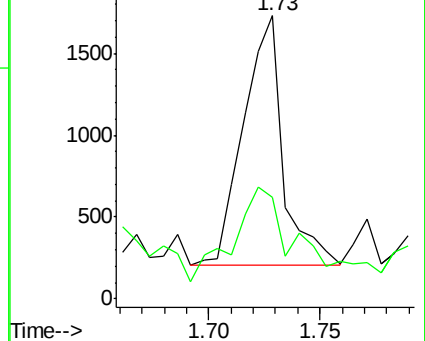
64 100

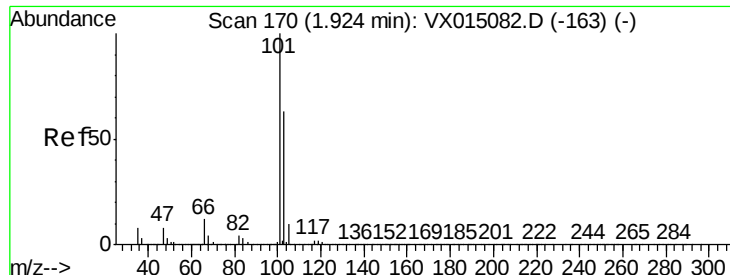
66 34.3 25.8 38.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

Trichlorofluoromethane

Concen: 0.540 ug/l

RT: 1.92 min Scan# 170

Delta R.T. 0.00 min

Lab File: VX015090.D

Acq: 04 Mar 2020 16:19

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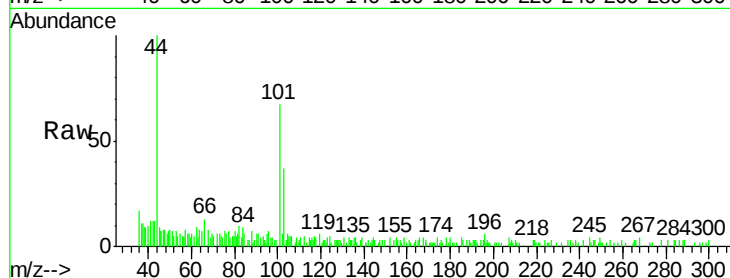
LOD-MDL-WATER-01-QT1-2020

Tgt Ion: 101 Resp: 3057

Ion Ratio Lower Upper

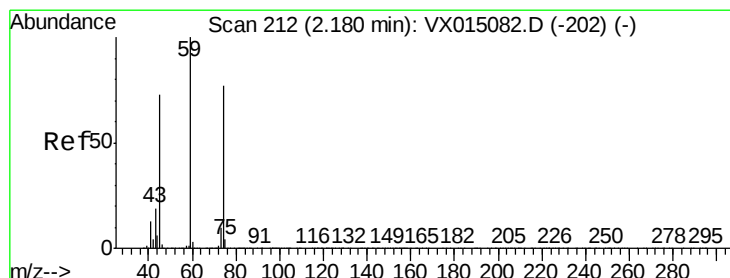
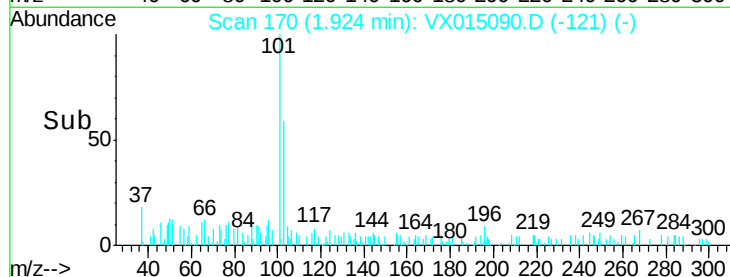
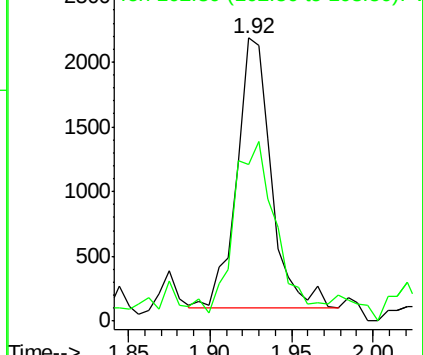
101 100

103 52.8 50.4 75.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 0.563 ug/l

RT: 2.19 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX015090.D

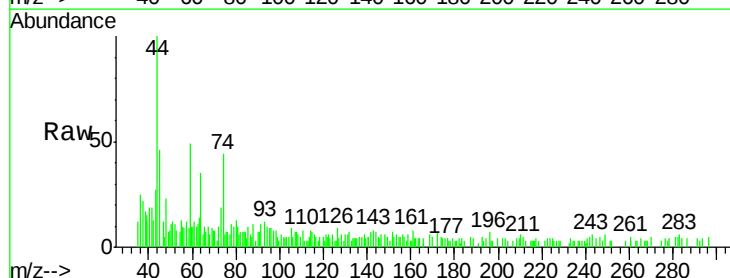
Acq: 04 Mar 2020 16:19

Tgt Ion: 74 Resp: 1443

Ion Ratio Lower Upper

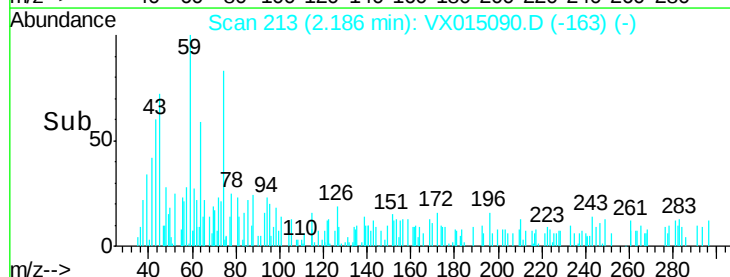
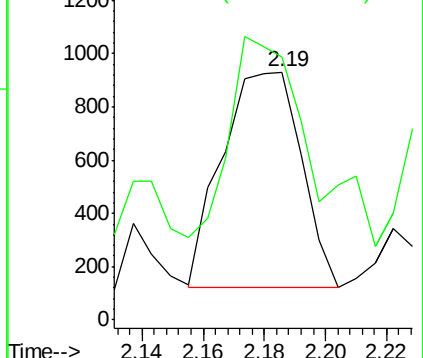
74 100

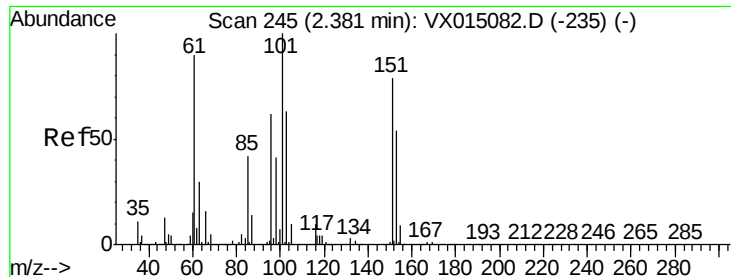
45 116.9 49.2 147.6



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.601 ug/l

RT: 2.38 min Scan# 245

Delta R.T. 0.00 min

Lab File: VX015090.D

Acq: 04 Mar 2020 16:19

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ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

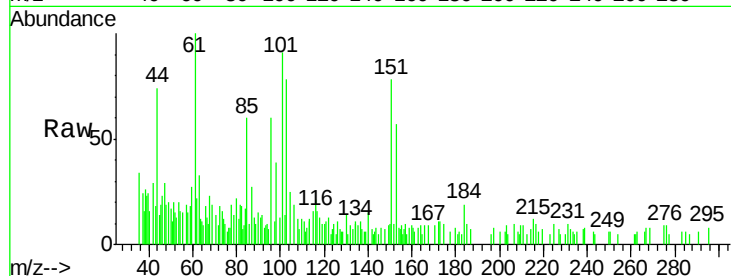
Tgt Ion:101 Resp: 2140

Ion Ratio Lower Upper

101 100

85 65.6 33.7 50.5#

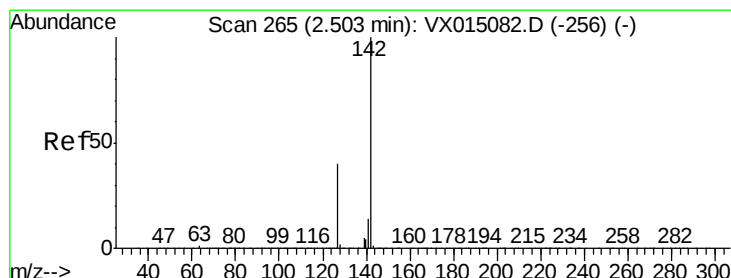
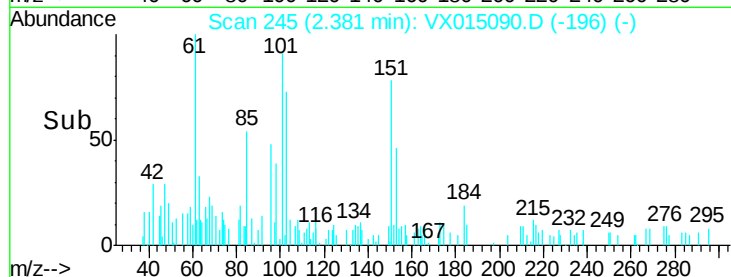
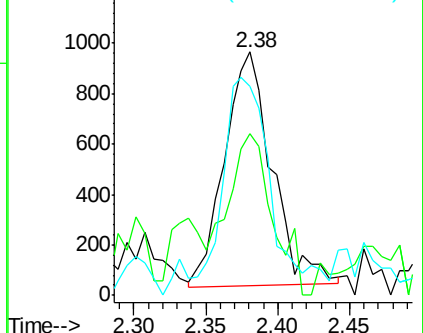
151 79.7 64.0 96.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 0.785 ug/l

RT: 2.51 min Scan# 266

Delta R.T. 0.01 min

Lab File: VX015090.D

Acq: 04 Mar 2020 16:19

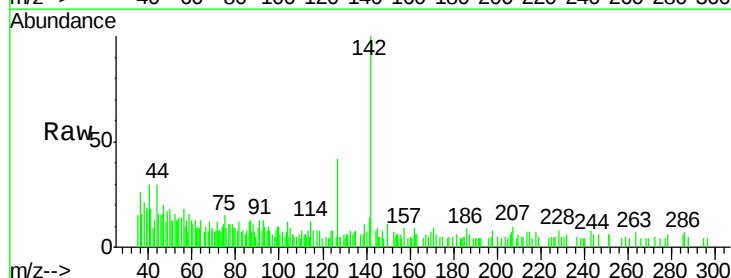
Tgt Ion:142 Resp: 3156

Ion Ratio Lower Upper

142 100

127 45.9 31.7 47.5

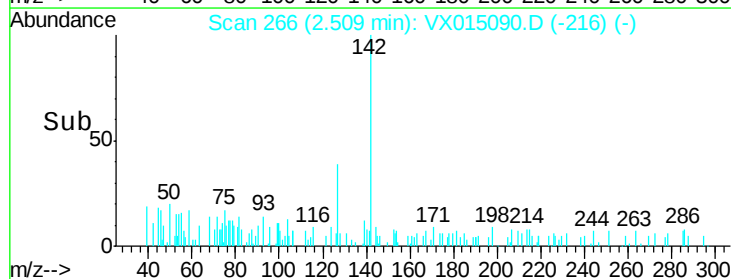
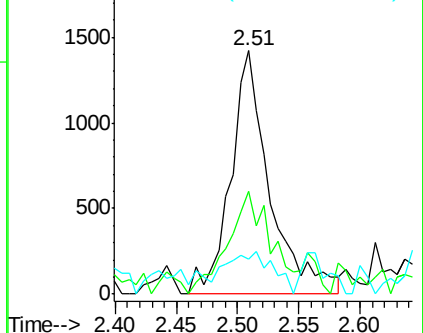
141 20.7 11.3 16.9#

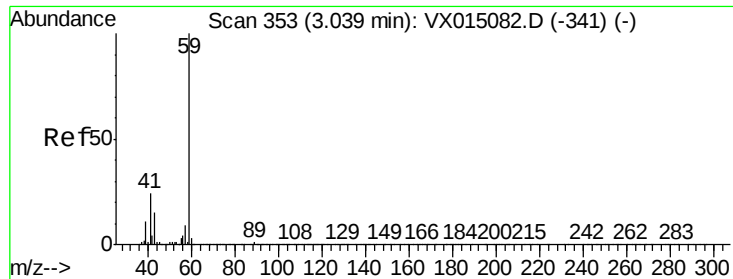


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



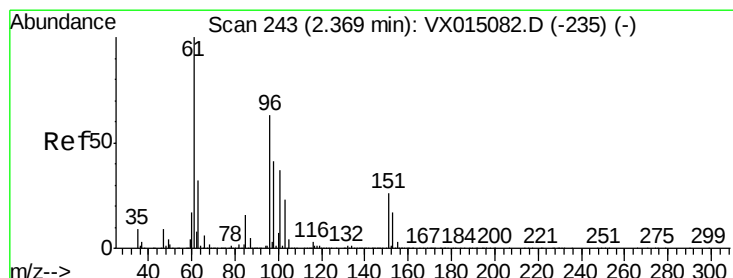
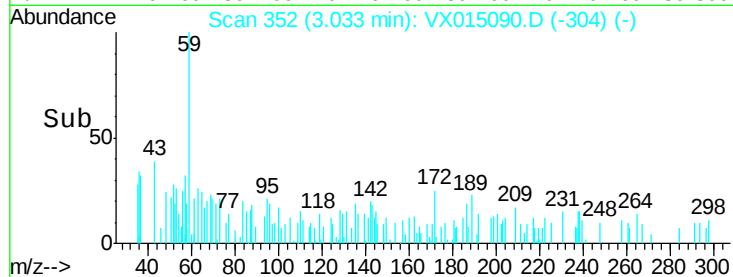
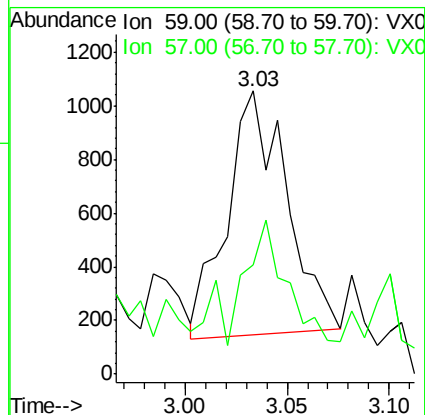
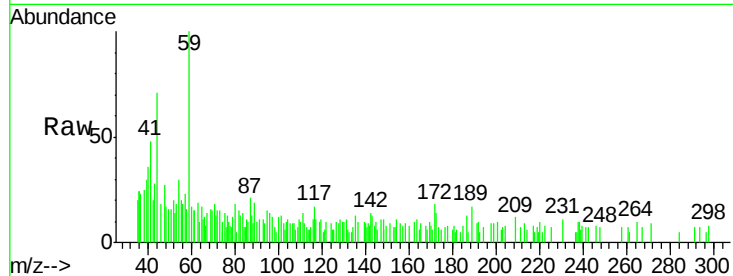


#11

Tert butyl alcohol
Concen: 2.373 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX015090.D
Acq: 04 Mar 2020 16:19

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

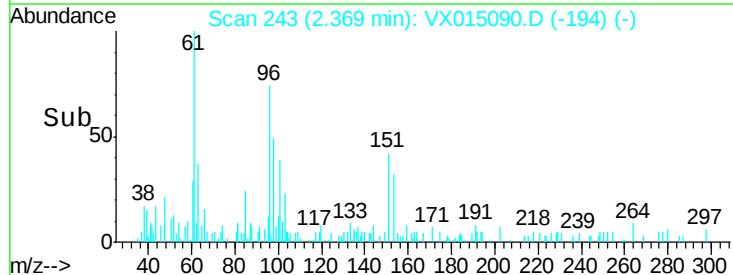
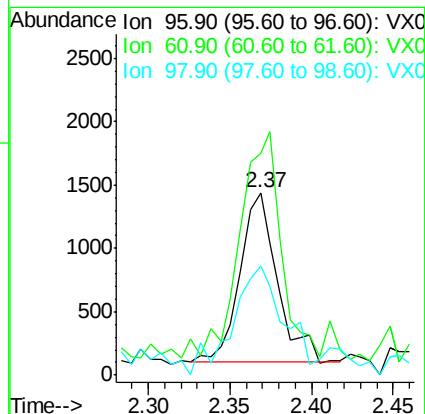
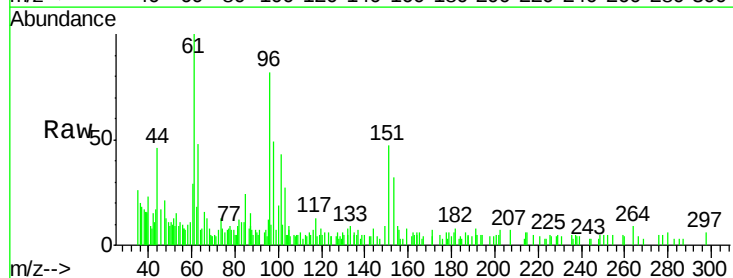
Tgt Ion: 59 Resp: 1846
Ion Ratio Lower Upper
59 100
57 34.2 8.2 12.4#

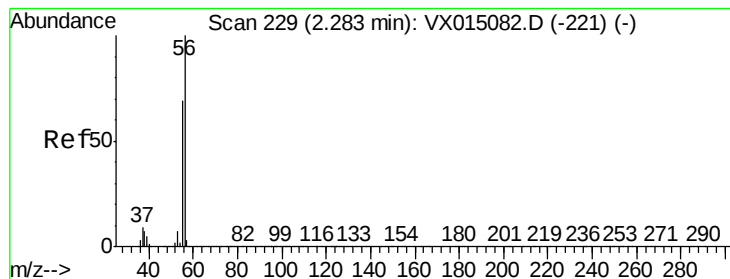


#12

1,1-Dichloroethene
Concen: 0.579 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.00 min
Lab File: VX015090.D
Acq: 04 Mar 2020 16:19

Tgt Ion: 96 Resp: 2128
Ion Ratio Lower Upper
96 100
61 109.4 126.2 189.4#
98 64.8 51.4 77.0





#13

Acrolein

Concen: 3.022 ug/l

RT: 2.29 min Scan# 230

Delta R.T. 0.01 min

Lab File: VX015090.D

Acq: 04 Mar 2020 16:19

Instrument :

MSVOA_X

ClientSampleId :

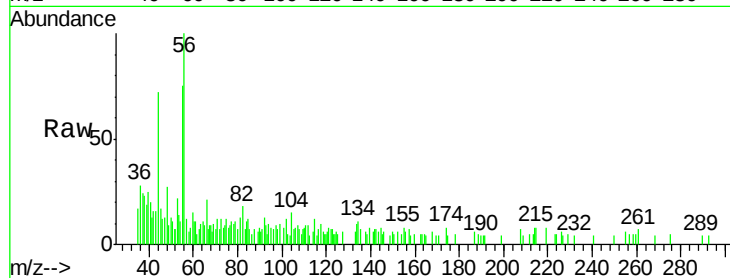
LOD-MDL-WATER-01-QT1-2020

Tgt Ion: 56 Resp: 2209

Ion Ratio Lower Upper

56 100

55 77.5 55.4 83.0



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

1500

1000

500

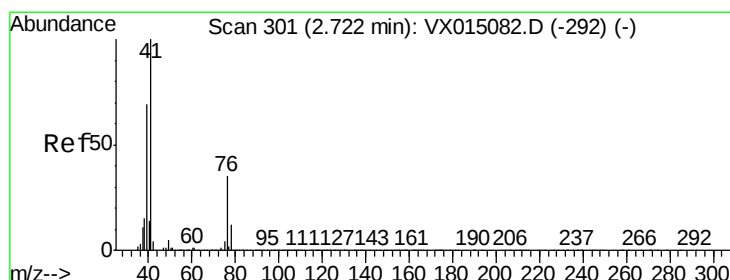
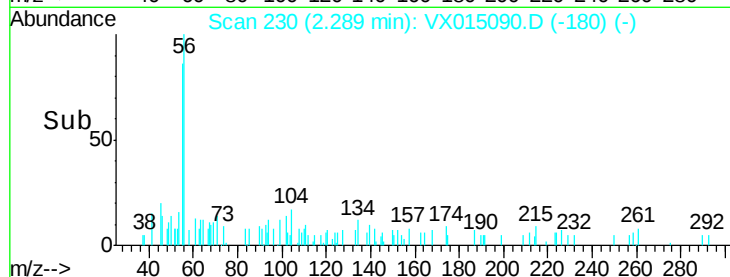
0

Time-->

2.25

2.30

2.35



#14

Allyl chloride

Concen: 0.699 ug/l

RT: 2.72 min Scan# 301

Delta R.T. 0.00 min

Lab File: VX015090.D

Acq: 04 Mar 2020 16:19

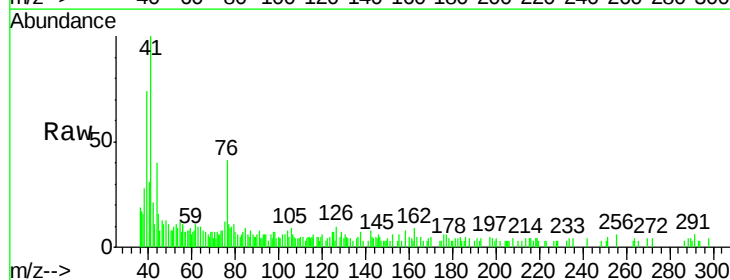
Tgt Ion: 41 Resp: 4478

Ion Ratio Lower Upper

41 100

39 68.6 52.9 79.3

76 28.0 26.8 40.2



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

2500

2000

1500

1000

500

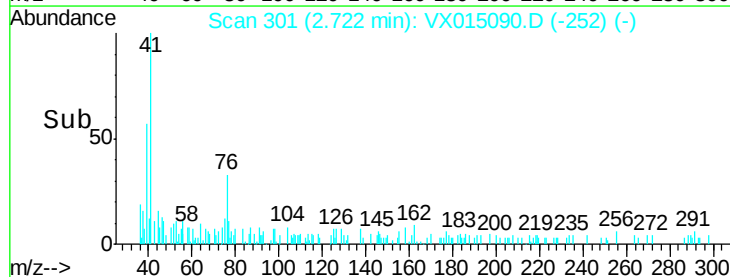
0

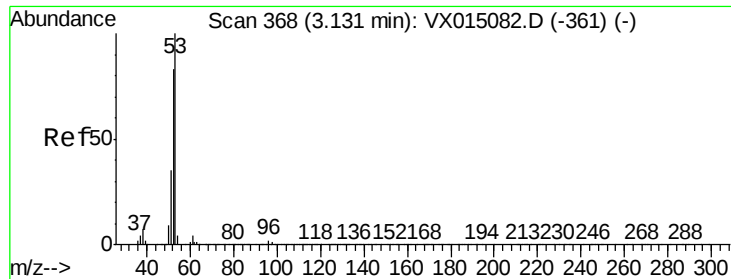
Time-->

2.65

2.70

2.75





#15

Acrylonitrile

Concen: 3.094 ug/l

RT: 3.14 min Scan# 370

Delta R.T. 0.01 min

Lab File: VX015090.D

Acq: 04 Mar 2020 16:19

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

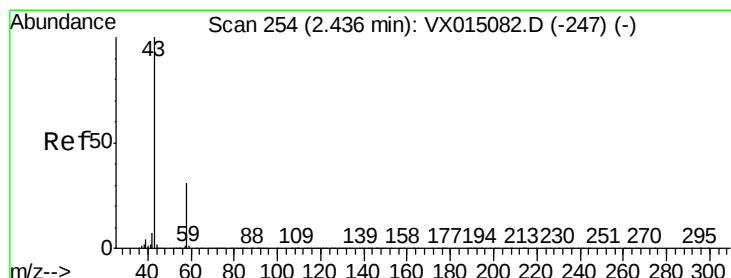
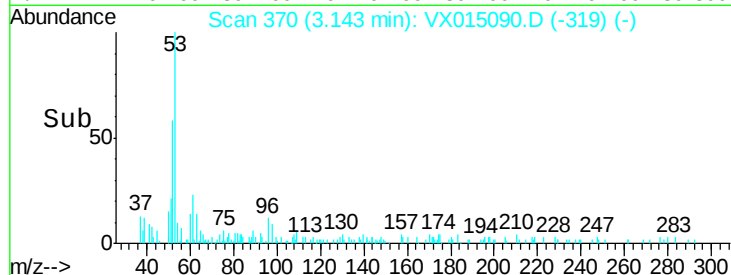
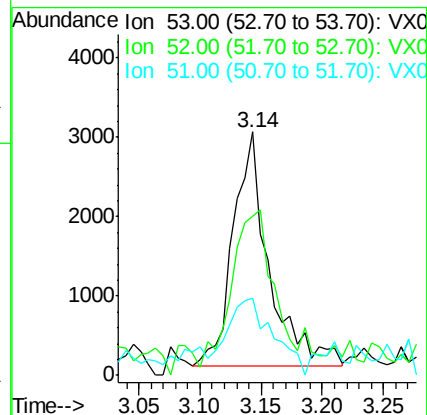
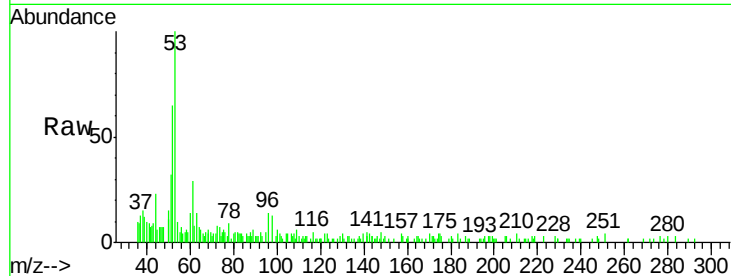
Tgt Ion: 53 Resp: 5993

Ion Ratio Lower Upper

53 100

52 76.4 66.6 100.0

51 42.2 29.0 43.6



#16

Acetone

Concen: 3.449 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.00 min

Lab File: VX015090.D

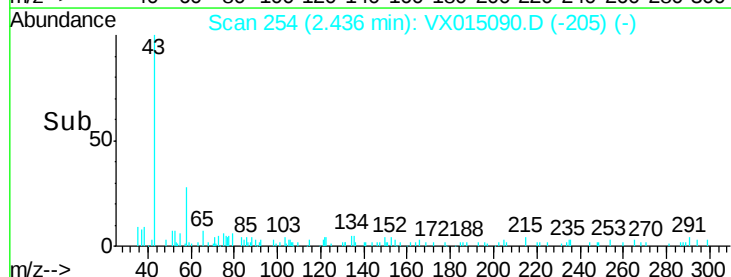
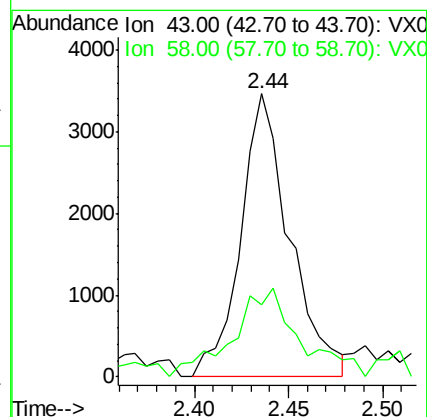
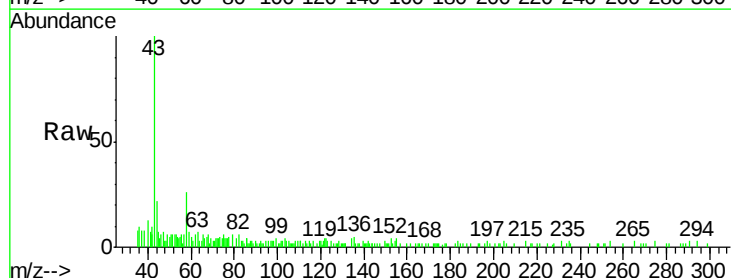
Acq: 04 Mar 2020 16:19

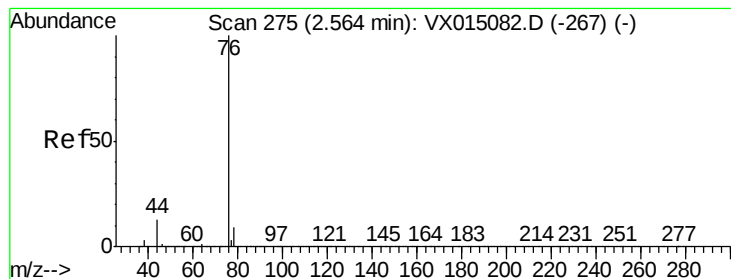
Tgt Ion: 43 Resp: 6263

Ion Ratio Lower Upper

43 100

58 20.6 24.8 37.2#





#17

Carbon Disulfide

Concen: 0.768 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.00 min

Lab File: VX015090.D

Acq: 04 Mar 2020 16:19

Instrument :

MSVOA_X

ClientSampleId :

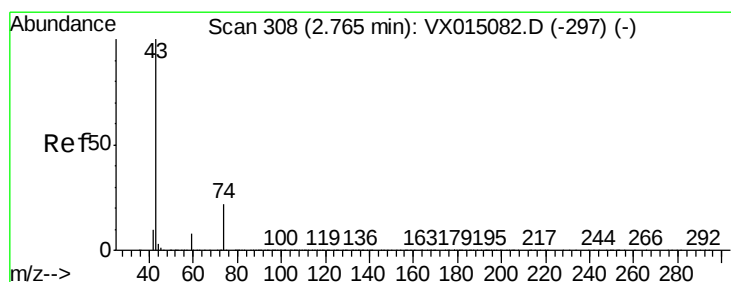
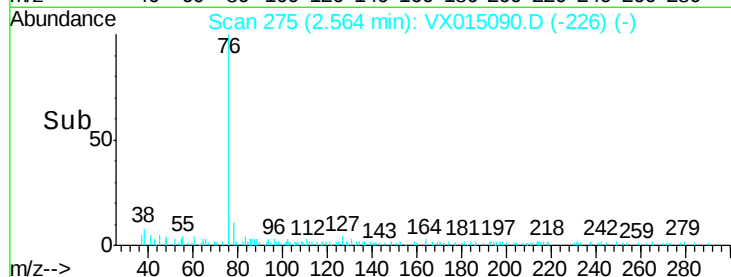
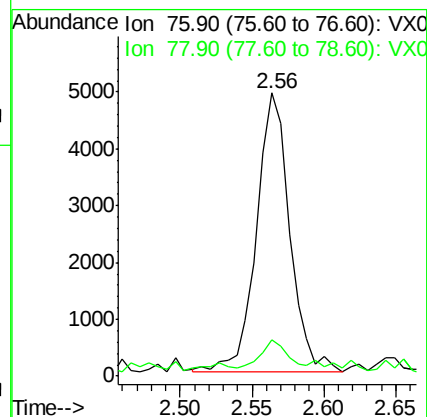
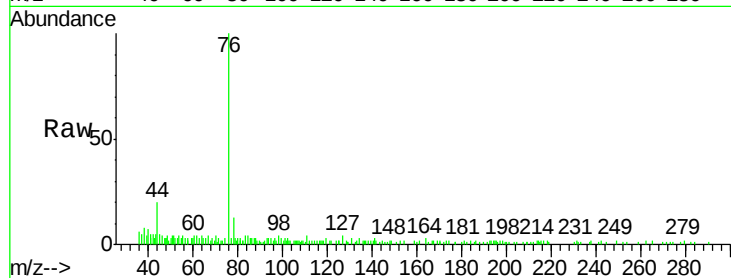
LOD-MDL-WATER-01-QT1-2020

Tgt Ion: 76 Resp: 7834

Ion Ratio Lower Upper

76 100

78 9.8 7.3 10.9



#18

Methyl Acetate

Concen: 0.613 ug/l

RT: 2.77 min Scan# 309

Delta R.T. 0.01 min

Lab File: VX015090.D

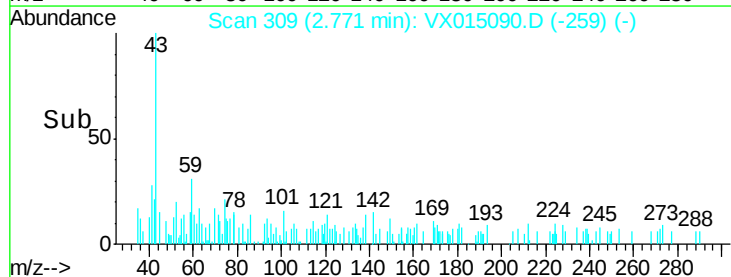
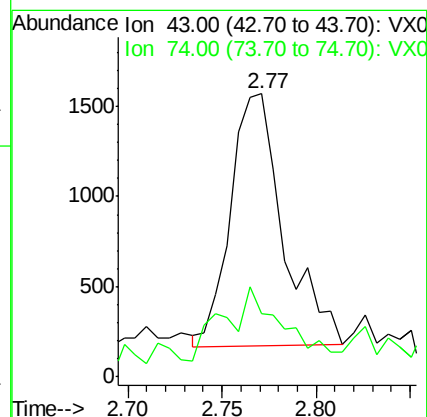
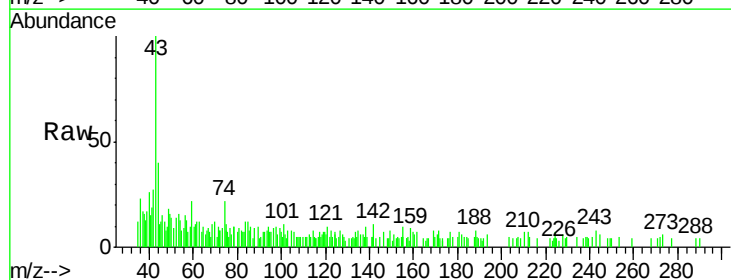
Acq: 04 Mar 2020 16:19

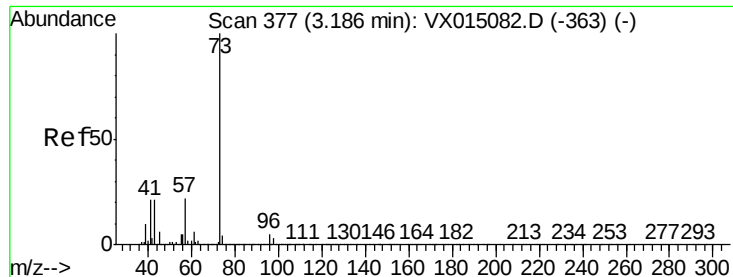
Tgt Ion: 43 Resp: 2722

Ion Ratio Lower Upper

43 100

74 33.0 18.8 28.2#





#19

Methyl tert-butyl Ether

Concen: 0.569 ug/l

RT: 3.18 min Scan# 376

Delta R.T. -0.01 min

Lab File: VX015090.D

Acq: 04 Mar 2020 16:19

Instrument :

MSVOA_X

ClientSampleId :

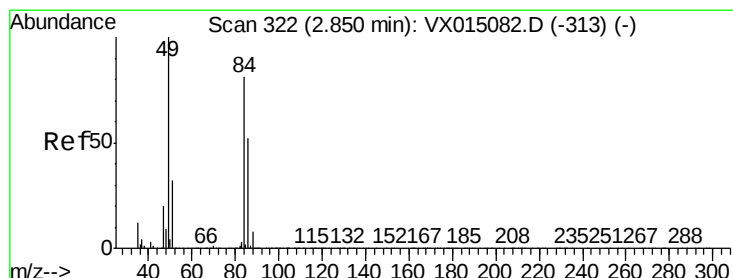
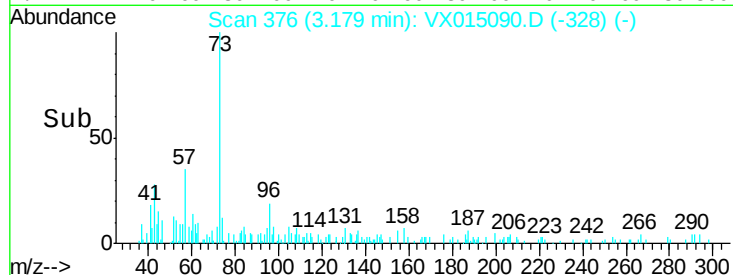
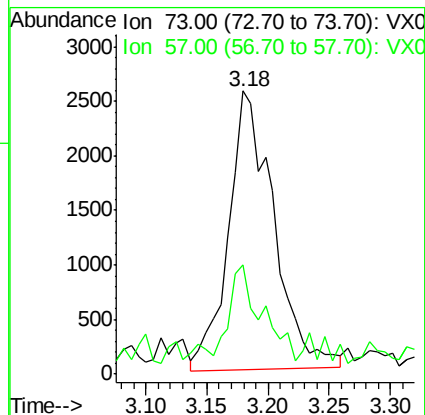
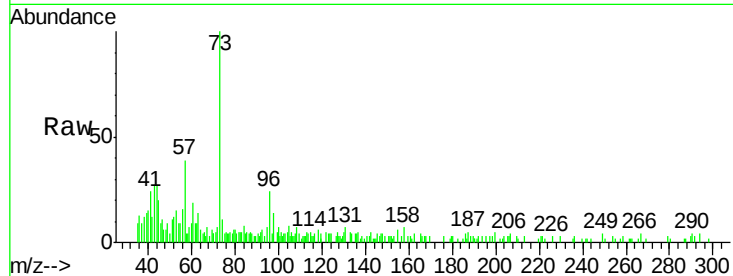
LOD-MDL-WATER-01-QT1-2020

Tgt Ion: 73 Resp: 6534

Ion Ratio Lower Upper

73 100

57 32.5 17.8 26.6#



#20

Methylene Chloride

Concen: 0.675 ug/l

RT: 2.84 min Scan# 321

Delta R.T. -0.01 min

Lab File: VX015090.D

Acq: 04 Mar 2020 16:19

Tgt Ion: 84 Resp: 2868

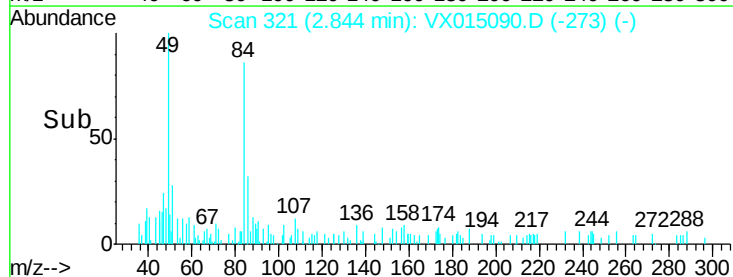
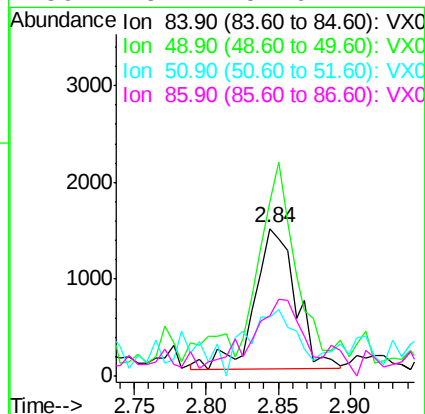
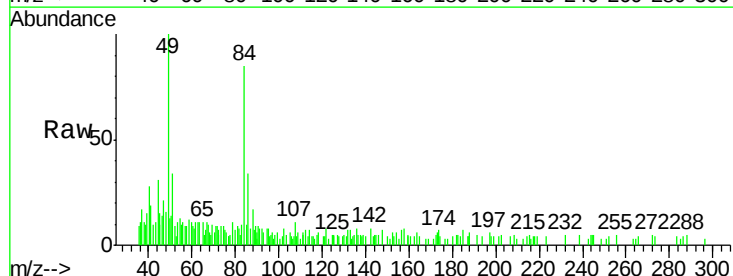
Ion Ratio Lower Upper

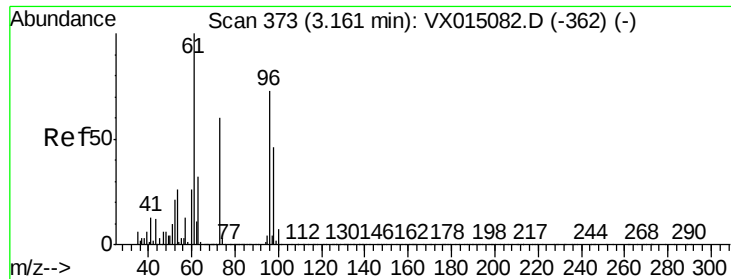
84 100

49 102.3 99.4 149.2

51 26.9 31.5 47.3#

86 25.7 51.6 77.4#





#21

trans-1,2-Dichloroethene

Concen: 0.751 ug/l

RT: 3.16 min Scan# 373

Delta R.T. 0.00 min

Lab File: VX015090.D

Acq: 04 Mar 2020 16:19

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

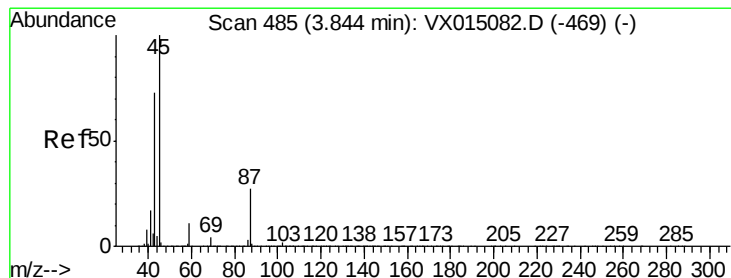
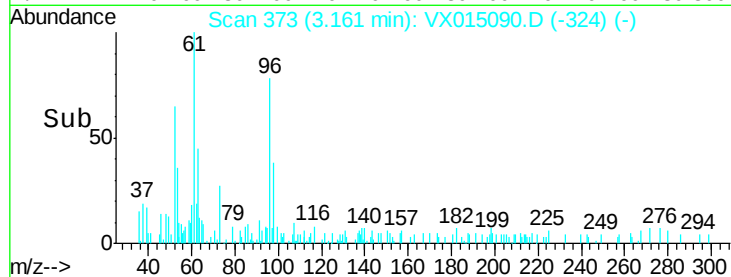
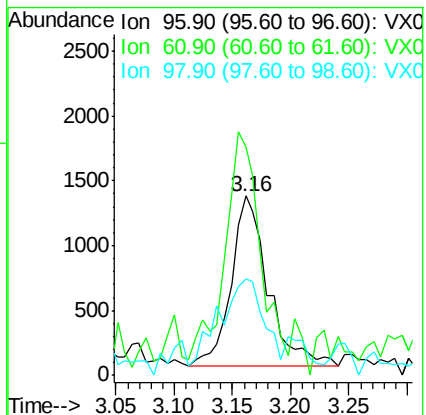
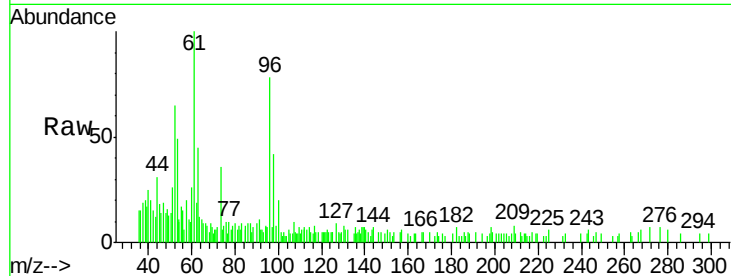
Tgt Ion: 96 Resp: 2944

Ion Ratio Lower Upper

96 100

61 124.6 109.9 164.9

98 51.1 50.2 75.2



#22

Diisopropyl ether

Concen: 0.520 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX015090.D

Acq: 04 Mar 2020 16:19

Tgt Ion: 45 Resp: 6631

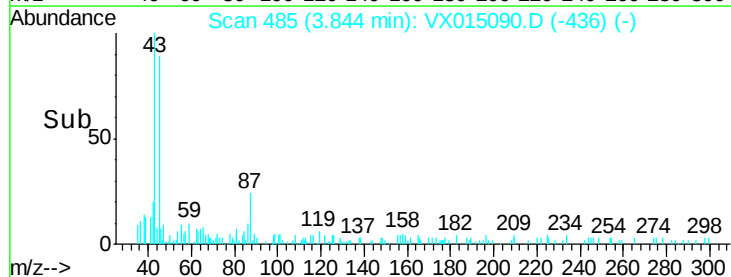
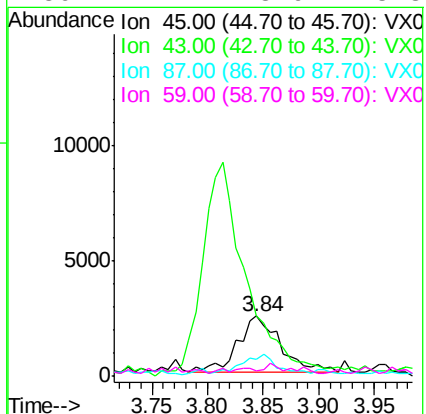
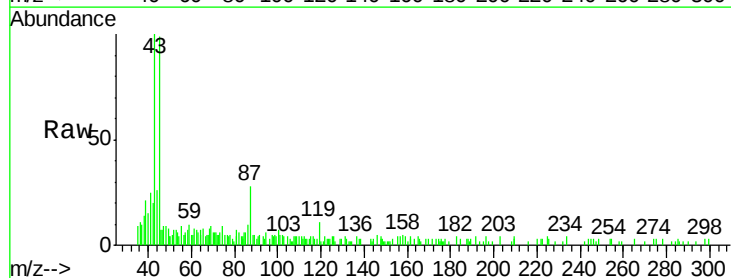
Ion Ratio Lower Upper

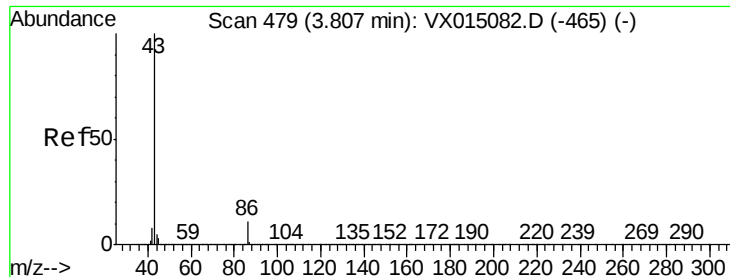
45 100

43 90.9 58.2 87.2#

87 26.0 21.2 31.8

59 1.1 8.9 13.3#





#23

Vinyl Acetate

Concen: 2.452 ug/l

RT: 3.81 min Scan# 480

Delta R.T. 0.01 min

Lab File: VX015090.D

Acq: 04 Mar 2020 16:19

Instrument :

MSVOA_X

ClientSampleId :

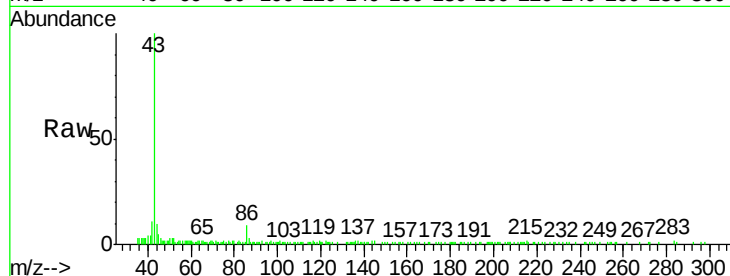
LOD-MDL-WATER-01-QT1-2020

Tgt Ion: 43 Resp: 25719

Ion Ratio Lower Upper

43 100

86 7.4 8.6 12.8#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.81

10000

8000

6000

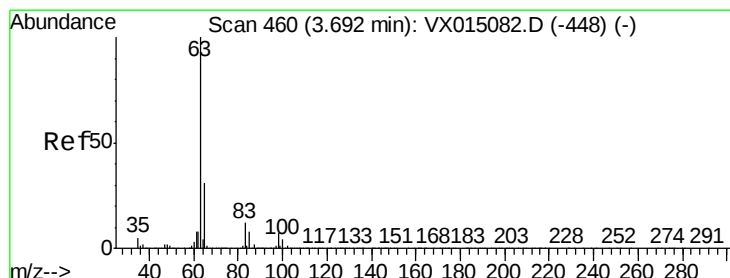
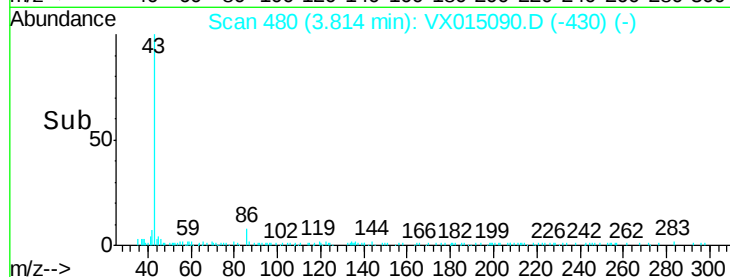
4000

2000

0

Time-->

3.70 3.80 3.90



#24

1,1-Dichloroethane

Concen: 0.662 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX015090.D

Acq: 04 Mar 2020 16:19

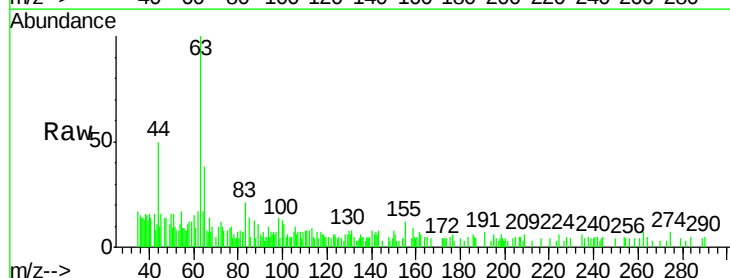
Tgt Ion: 63 Resp: 4685

Ion Ratio Lower Upper

63 100

98 10.1 3.7 11.1

100 14.8 2.1 6.5#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

2000

1500

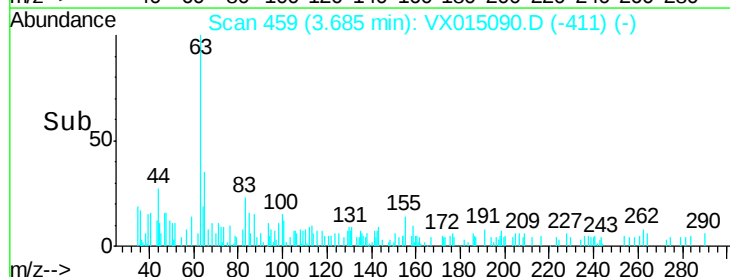
1000

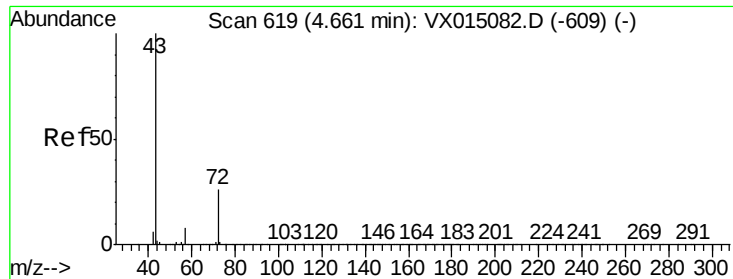
500

0

Time-->

3.60 3.65 3.70 3.75

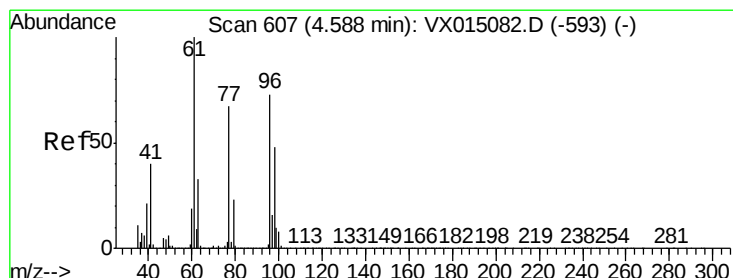
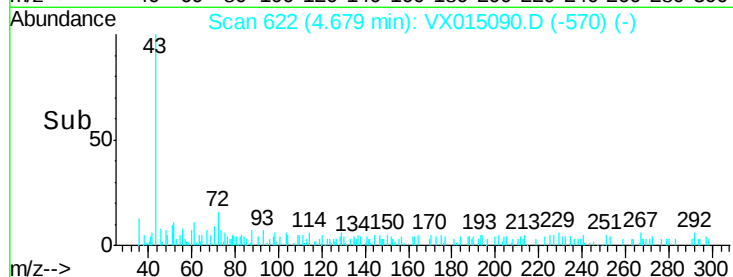
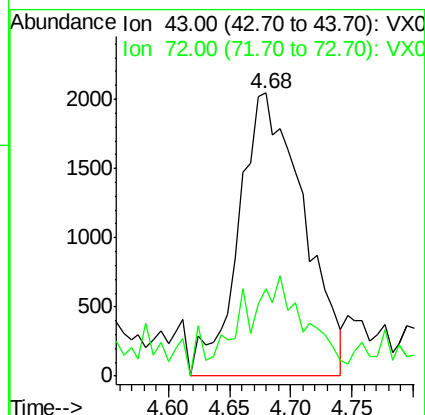
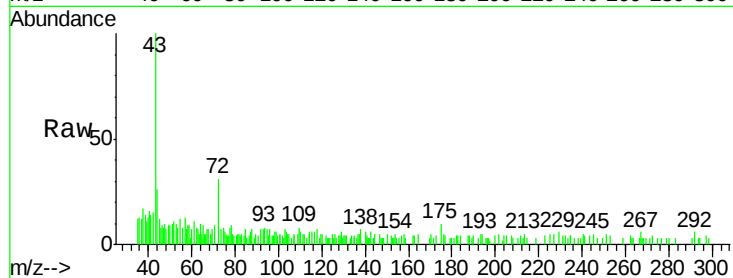




#25
2-Butanone
Concen: 2.834 ug/l
RT: 4.68 min Scan# 622
Delta R.T. 0.02 min
Lab File: VX015090.D
Acq: 04 Mar 2020 16:19

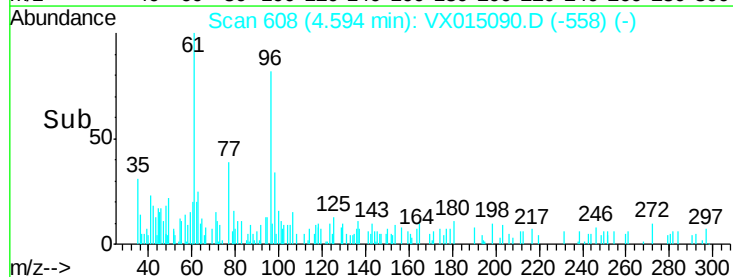
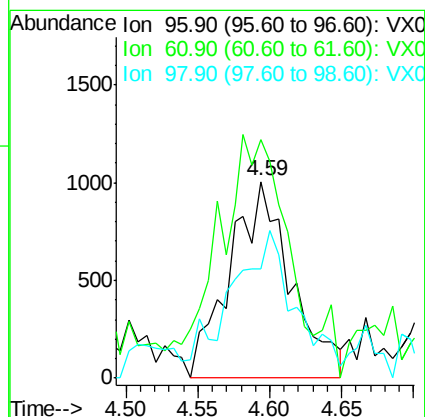
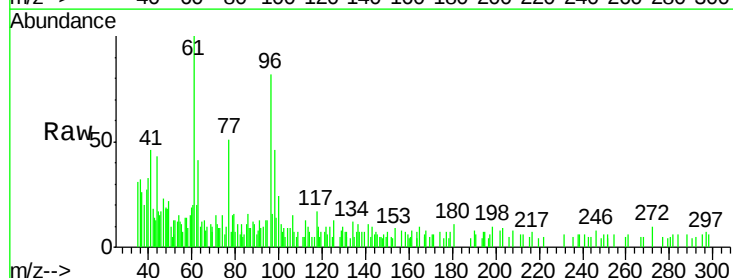
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

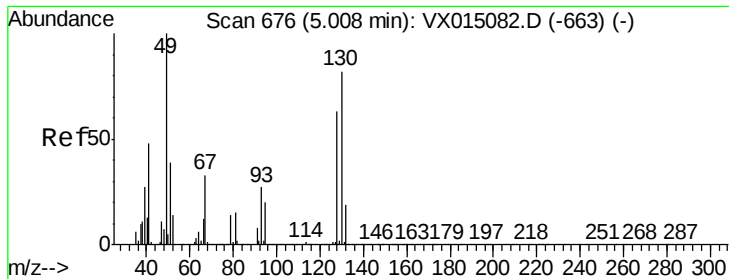
Tgt Ion: 43 Resp: 7533
Ion Ratio Lower Upper
43 100
72 30.7 20.6 30.8



#27
cis-1,2-Dichloroethene
Concen: 0.678 ug/l
RT: 4.59 min Scan# 608
Delta R.T. 0.01 min
Lab File: VX015090.D
Acq: 04 Mar 2020 16:19

Tgt Ion: 96 Resp: 2984
Ion Ratio Lower Upper
96 100
61 144.4 0.0 286.8
98 79.2 0.0 128.4





#28

Bromochloromethane

Concen: 0.658 ug/l

RT: 5.01 min Scan# 677

Delta R.T. 0.01 min

Lab File: VX015090.D

Acq: 04 Mar 2020 16:19

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

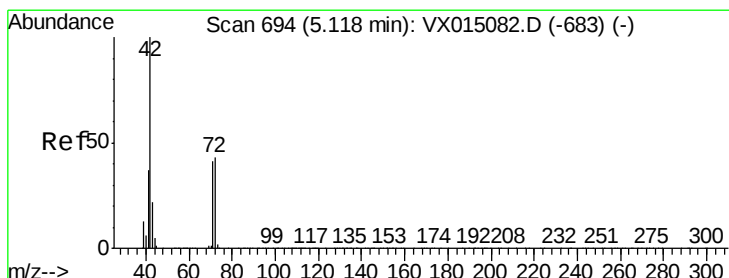
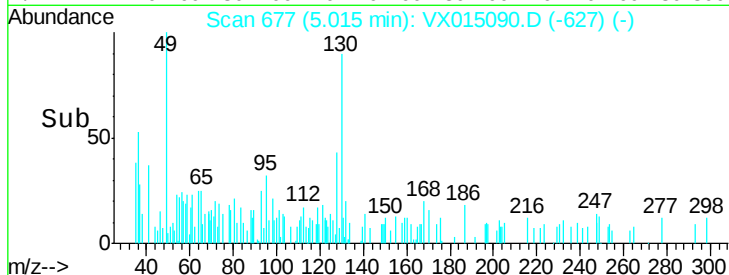
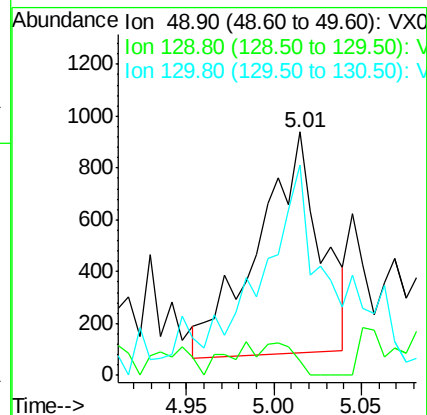
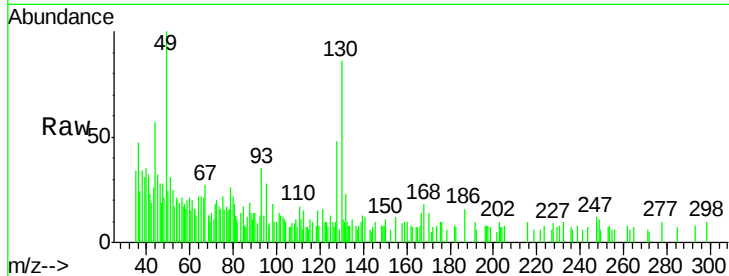
Tgt Ion: 49 Resp: 2123

Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.4

130 113.8 65.0 97.6#



#29

Tetrahydrofuran

Concen: 2.307 ug/l

RT: 5.13 min Scan# 696

Delta R.T. 0.01 min

Lab File: VX015090.D

Acq: 04 Mar 2020 16:19

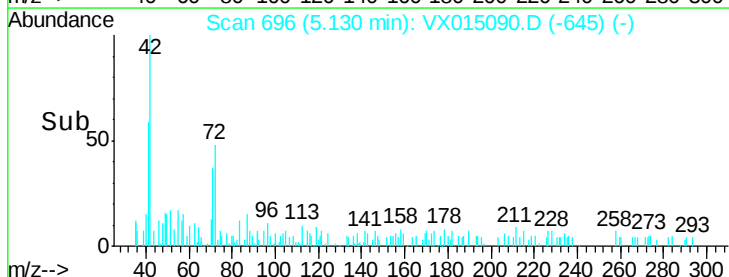
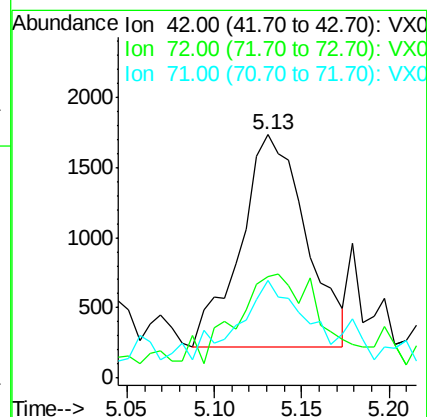
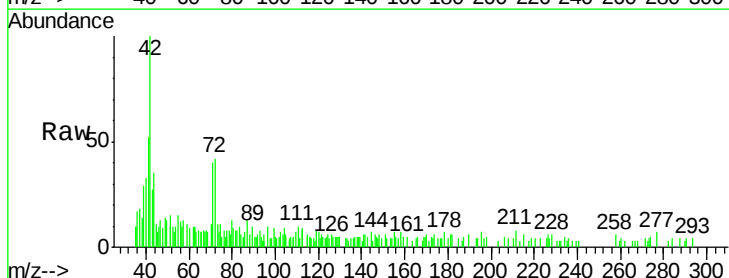
Tgt Ion: 42 Resp: 3954

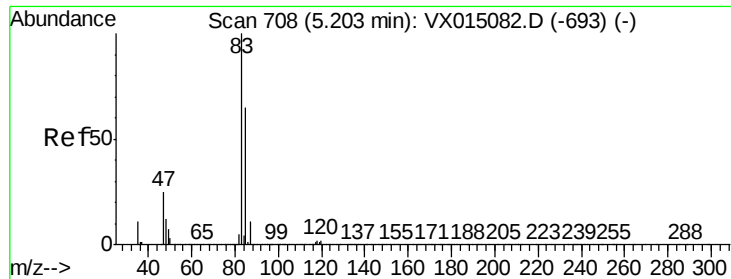
Ion Ratio Lower Upper

42 100

72 54.4 36.4 54.6

71 31.0 33.3 49.9#

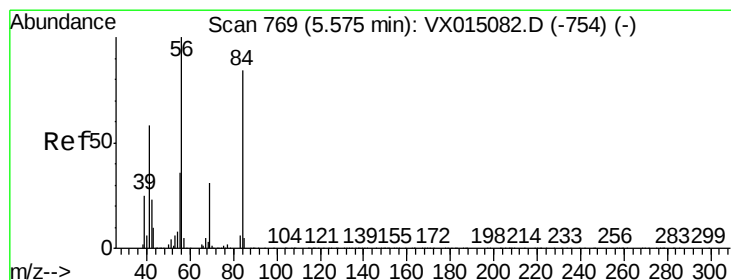
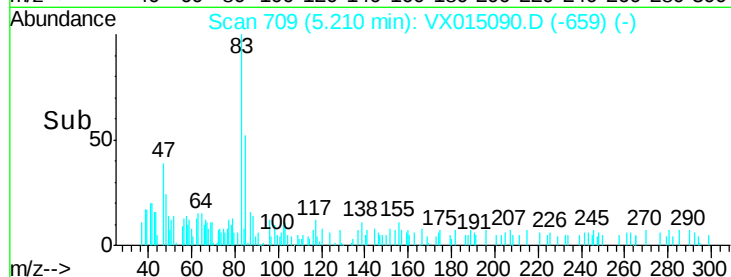
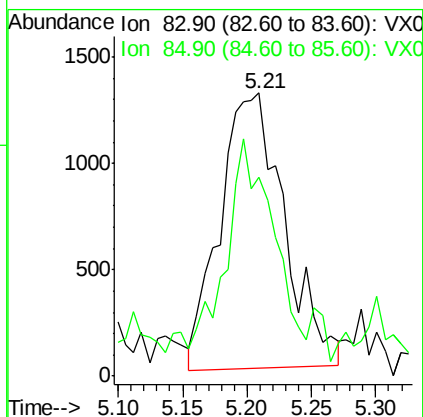
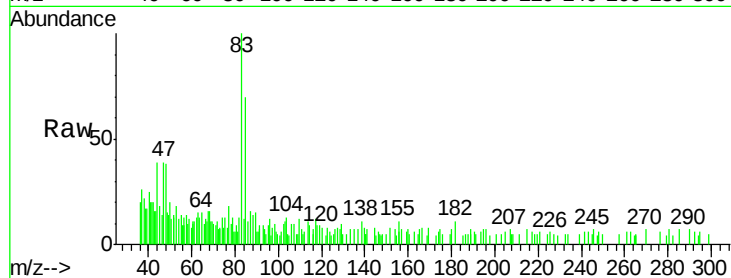




#30
Chloroform
Concen: 0.655 ug/l
RT: 5.21 min Scan# 709
Delta R.T. 0.01 min
Lab File: VX015090.D
Acq: 04 Mar 2020 16:19

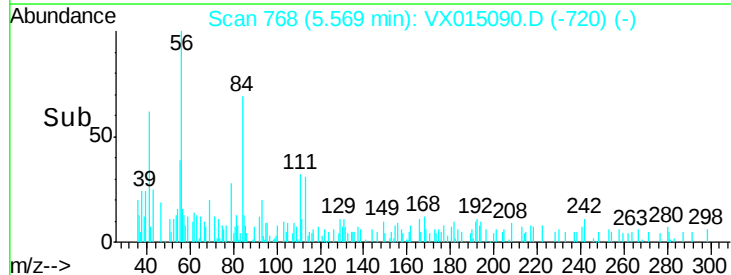
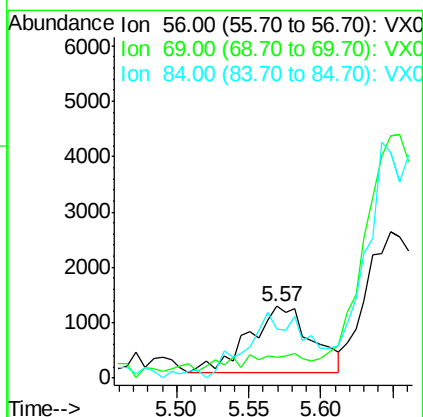
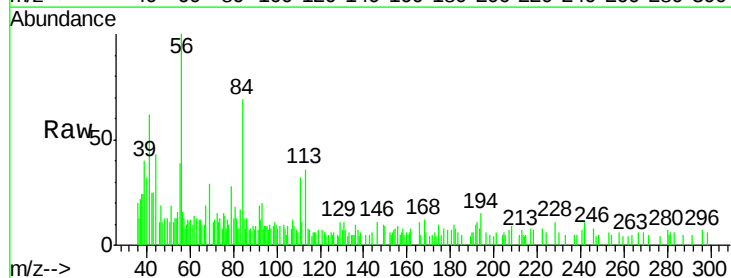
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

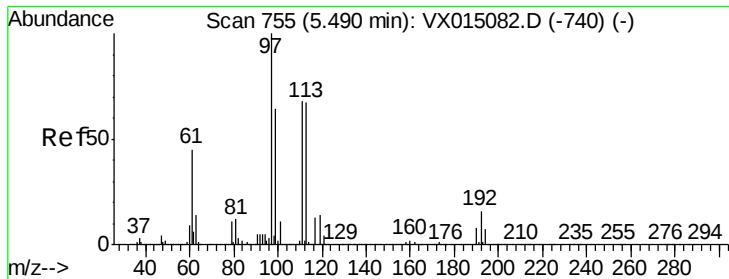
Tgt Ion: 83 Resp: 4521
Ion Ratio Lower Upper
83 100
85 67.0 52.0 78.0



#31
Cyclohexane
Concen: 0.566 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.01 min
Lab File: VX015090.D
Acq: 04 Mar 2020 16:19

Tgt Ion: 56 Resp: 3574
Ion Ratio Lower Upper
56 100
69 9.0 25.0 37.6#
84 55.5 67.6 101.4#





#32

1,1,1-Trichloroethane

Concen: 0.320 ug/l

RT: 5.47 min Scan# 752

Delta R.T. -0.02 min

Lab File: VX015090.D

Acq: 04 Mar 2020 16:19

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

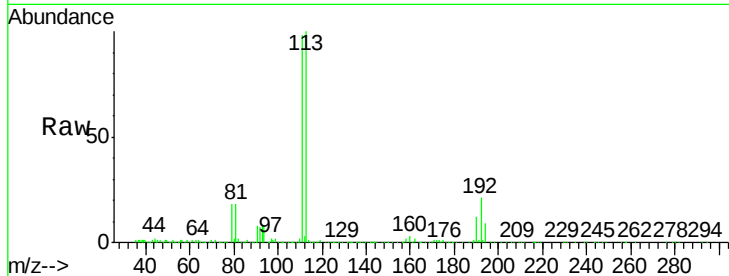
Tgt Ion: 97 Resp: 1830

Ion Ratio Lower Upper

97 100

99 0.0 52.8 79.2#

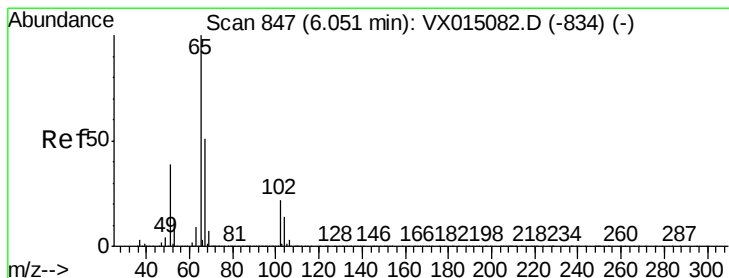
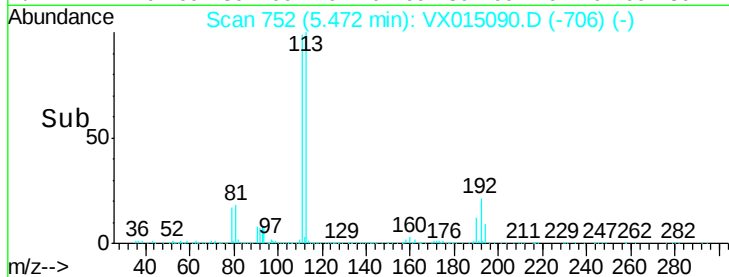
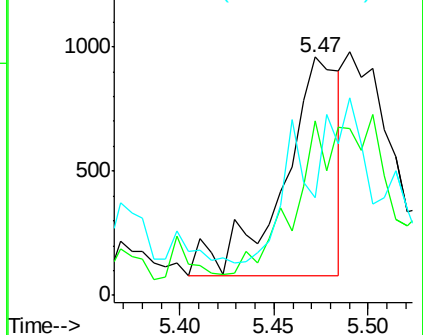
61 30.6 36.6 54.8#



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: 48.613 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX015090.D

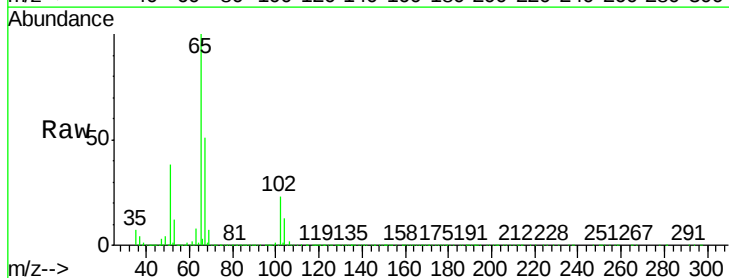
Acq: 04 Mar 2020 16:19

Tgt Ion: 65 Resp: 217960

Ion Ratio Lower Upper

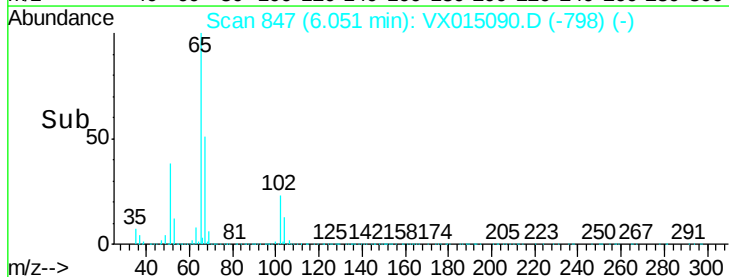
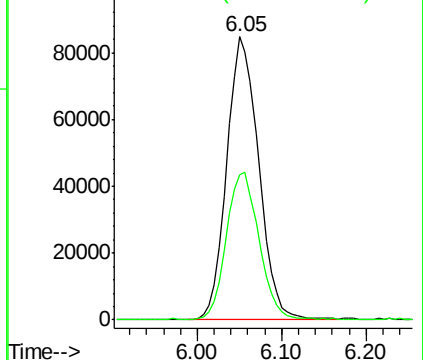
65 100

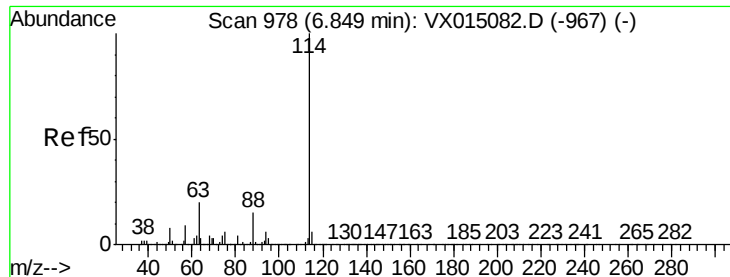
67 52.9 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

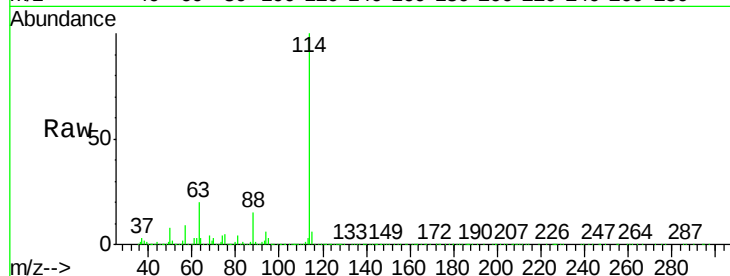




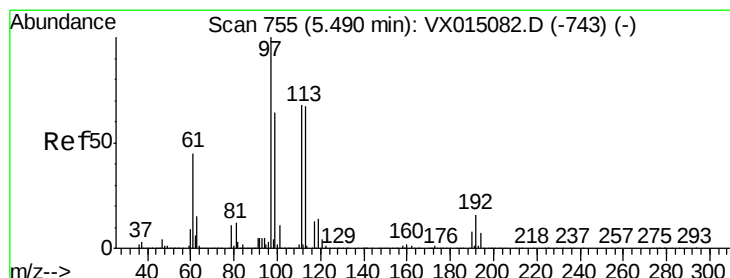
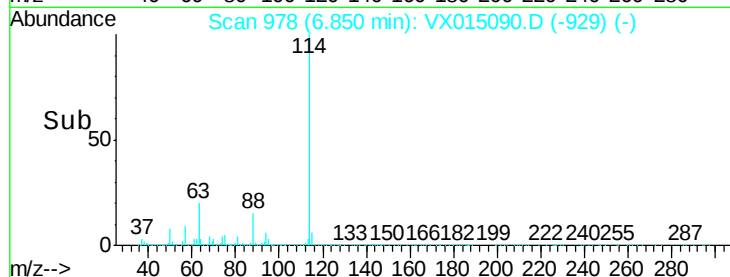
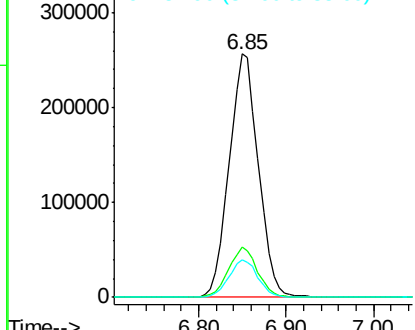
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX015090.D
Acq: 04 Mar 2020 16:19

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

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	40.0
88	15.4	0.0	30.6

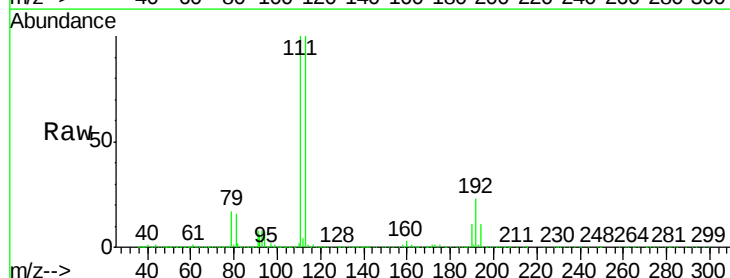


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

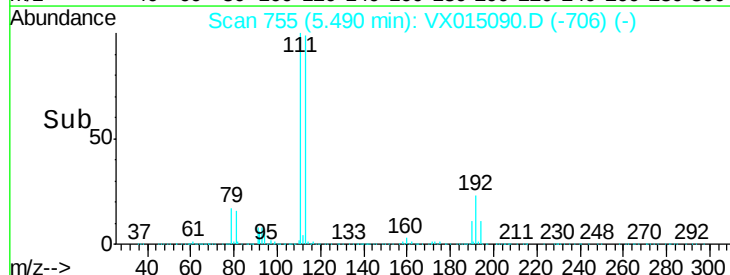
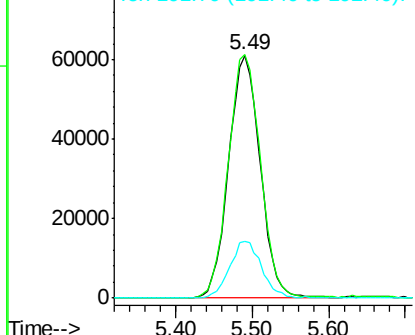


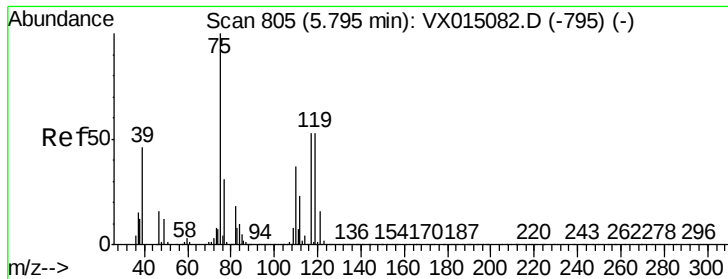
#35
Dibromofluoromethane
Concen: 46.281 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX015090.D
Acq: 04 Mar 2020 16:19

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.4	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

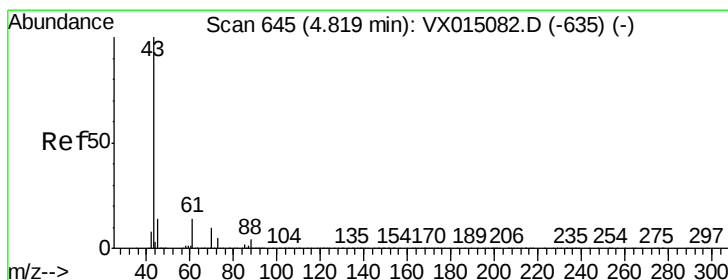
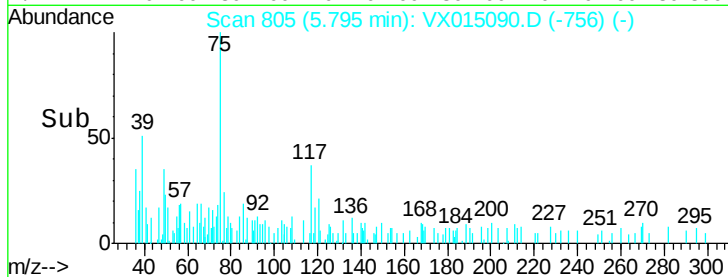
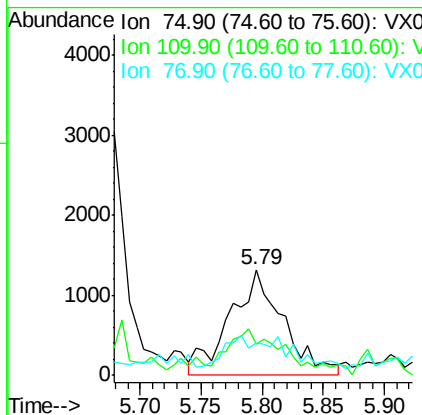
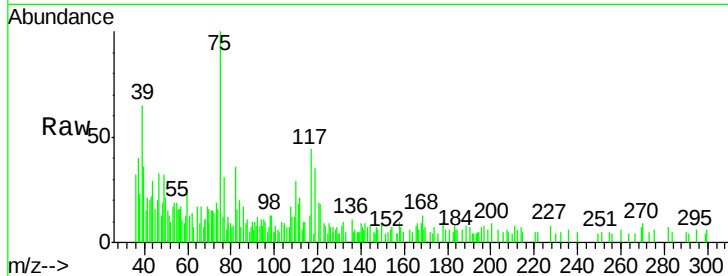




#36
 1,1-Dichloropropene
 Concen: 0.725 ug/l
 RT: 5.79 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX015090.D
 Acq: 04 Mar 2020 16:19

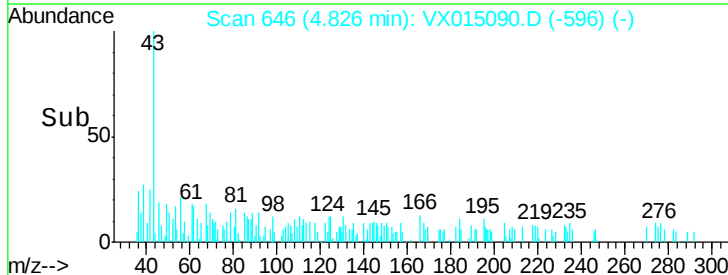
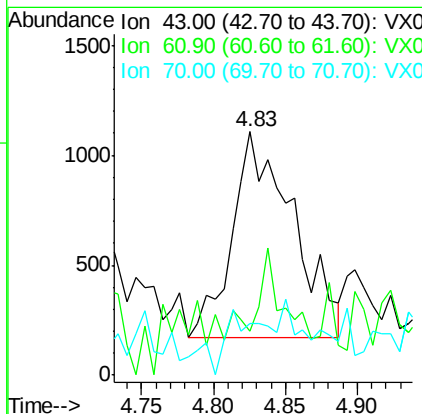
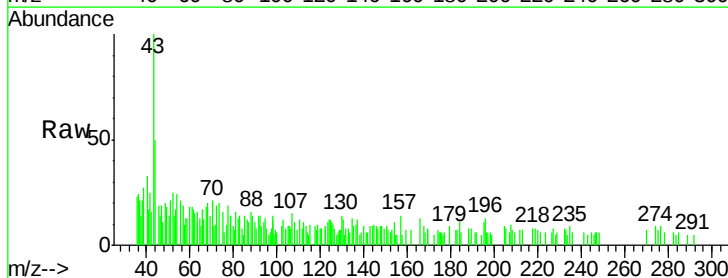
Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2020

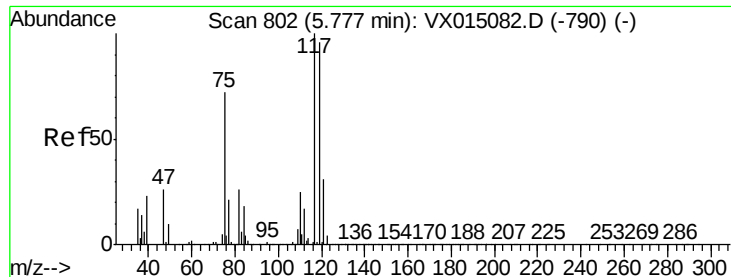
Tgt Ion	Ratio	Lower	Upper
75	100		
110	47.6	17.9	53.8
77	17.6	24.8	37.2#



#37
 Ethyl Acetate
 Concen: 0.541 ug/l
 RT: 4.83 min Scan# 646
 Delta R.T. 0.01 min
 Lab File: VX015090.D
 Acq: 04 Mar 2020 16:19

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.9	11.0	16.4
70	0.0	8.1	12.1#

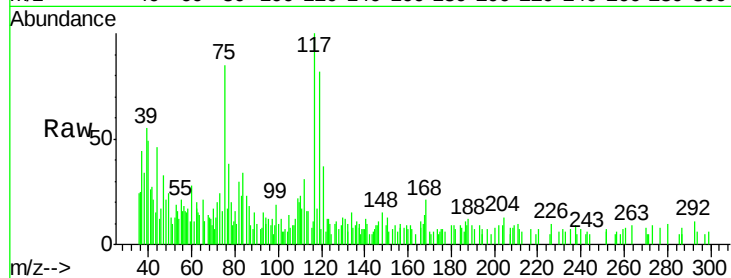




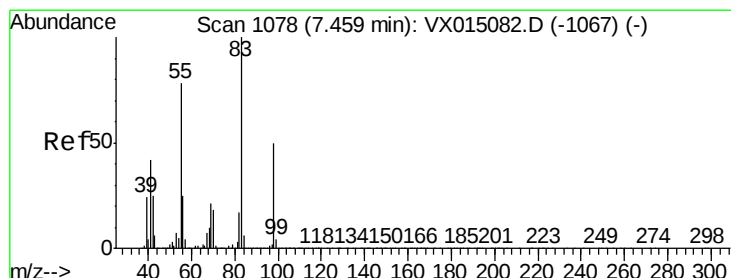
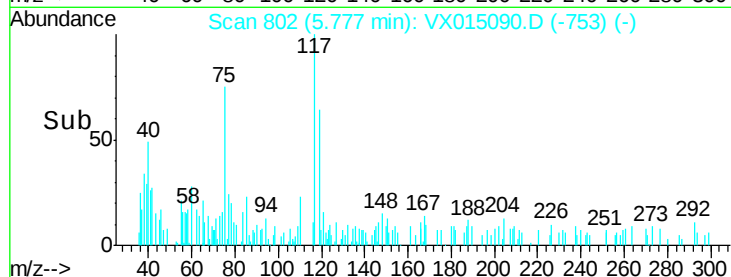
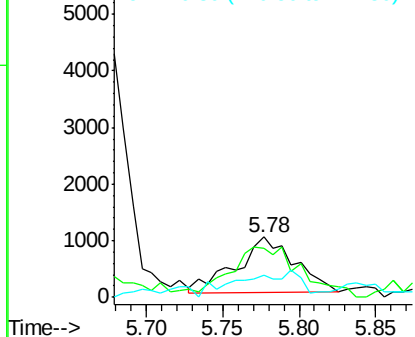
#38
Carbon Tetrachloride
Concen: 0.498 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX015090.D
Acq: 04 Mar 2020 16:19

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

Tgt Ion: 117 Resp: 2585
Ion Ratio Lower Upper
117 100
119 81.3 76.9 115.3
121 29.1 24.6 37.0

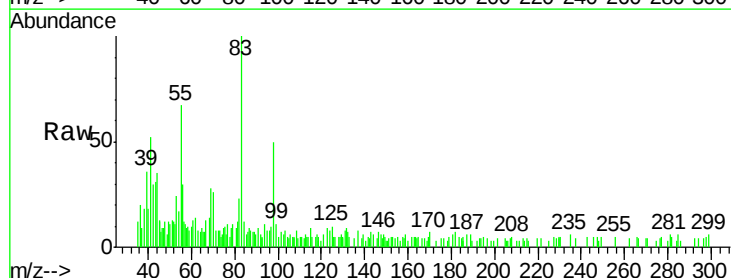


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

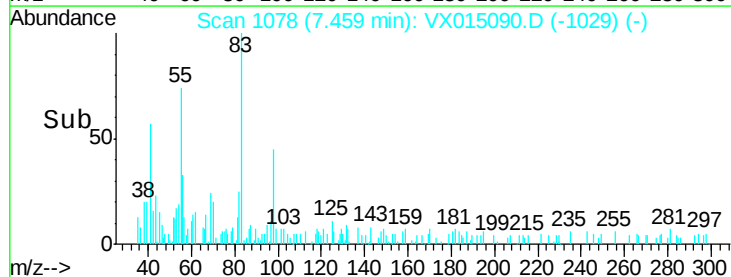
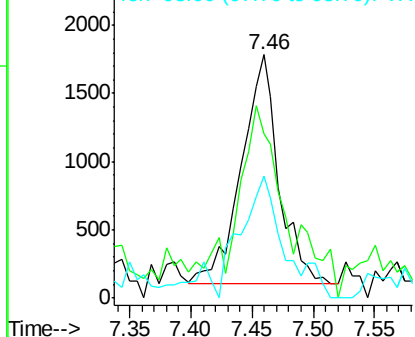


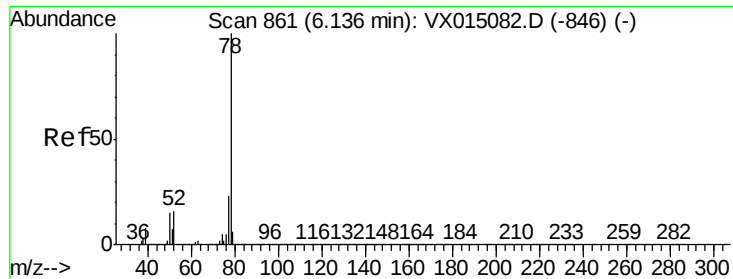
#39
Methylcyclohexane
Concen: 0.557 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX015090.D
Acq: 04 Mar 2020 16:19

Tgt Ion: 83 Resp: 3579
Ion Ratio Lower Upper
83 100
55 60.5 62.4 93.6#
98 53.1 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: 0.520 ug/l

RT: 6.14 min Scan# 861

Delta R.T. 0.00 min

Lab File: VX015090.D

Acq: 04 Mar 2020 16:19

Instrument :

MSVOA_X

ClientSampleId :

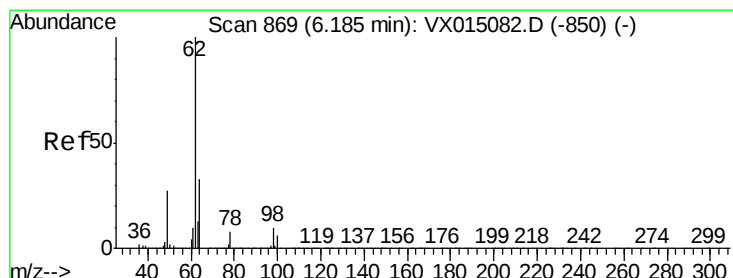
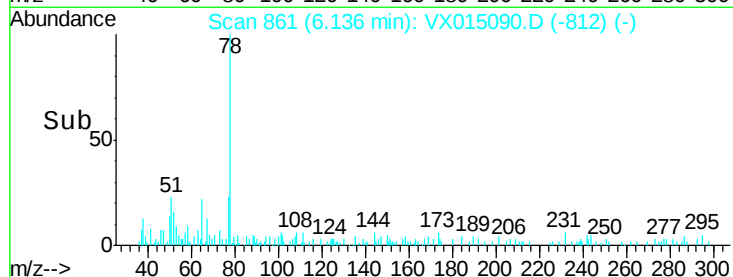
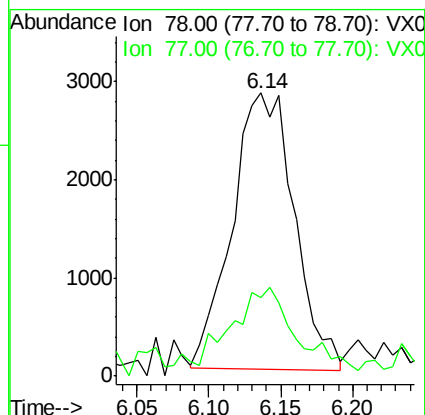
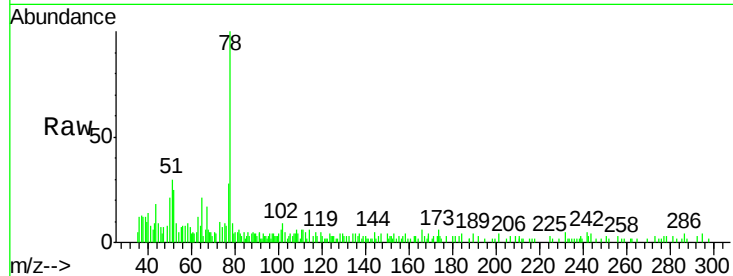
LOD-MDL-WATER-01-QT1-2020

Tgt Ion: 78 Resp: 8481

Ion Ratio Lower Upper

78 100

77 23.4 18.6 28.0



#42

1,2-Dichloroethane

Concen: 0.663 ug/l

RT: 6.19 min Scan# 870

Delta R.T. 0.01 min

Lab File: VX015090.D

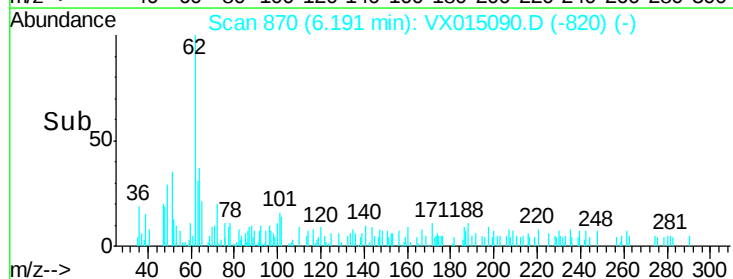
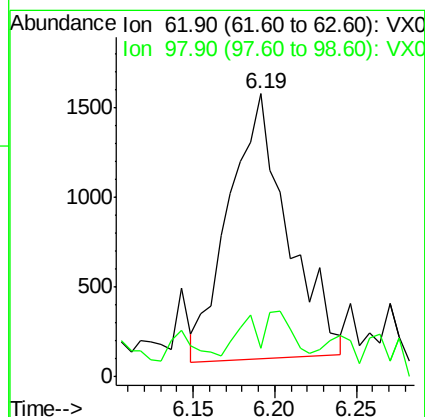
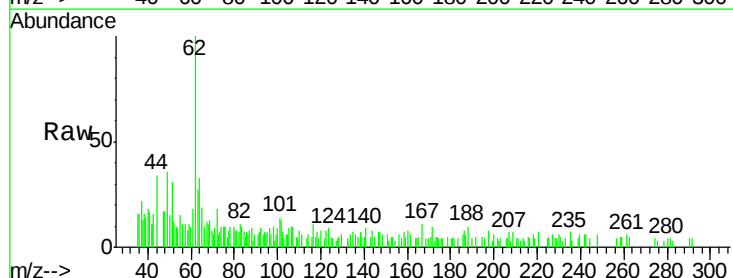
Acq: 04 Mar 2020 16:19

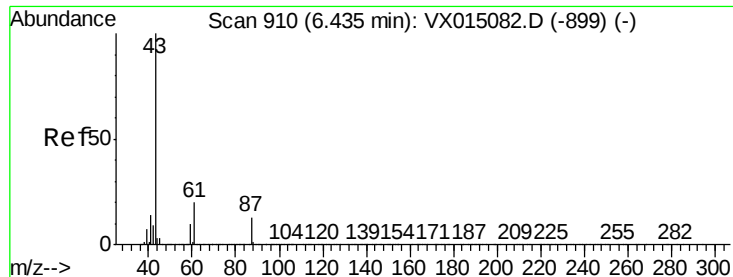
Tgt Ion: 62 Resp: 3715

Ion Ratio Lower Upper

62 100

98 5.7 0.0 20.6





#43

Isopropyl Acetate

Concen: 0.487 ug/l

RT: 6.44 min Scan# 911

Delta R.T. 0.01 min

Lab File: VX015090.D

Acq: 04 Mar 2020 16:19

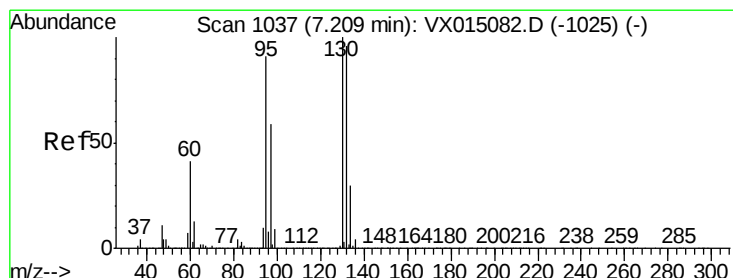
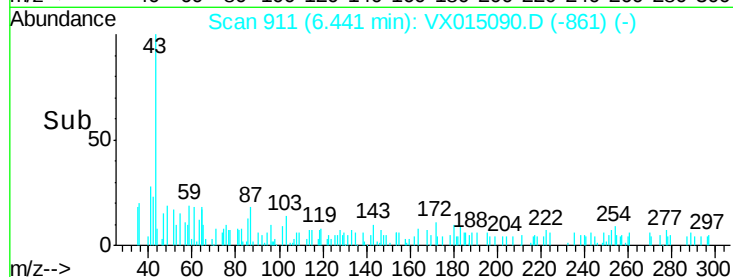
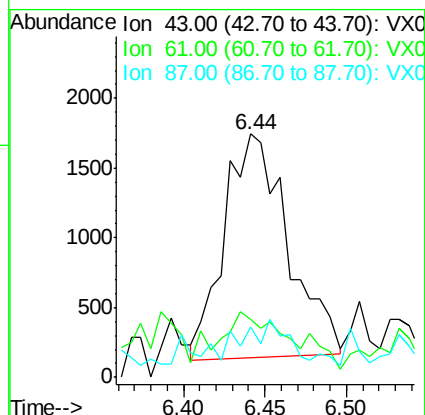
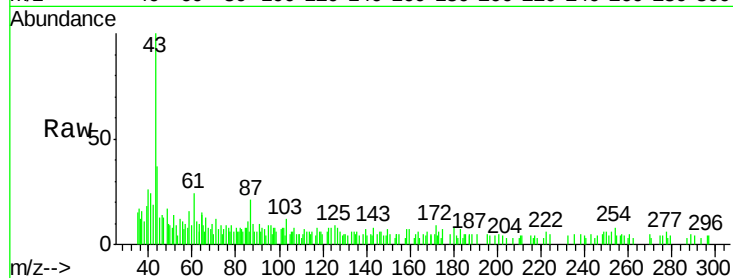
Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

Tgt Ion:	43	Resp:	4371
Ion	Ratio	Lower	Upper
43	100		
61	20.1	16.1	24.1
87	17.3	10.6	16.0#



#44

Trichloroethene

Concen: 0.745 ug/l

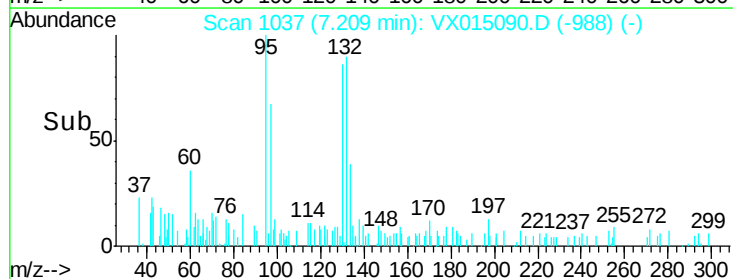
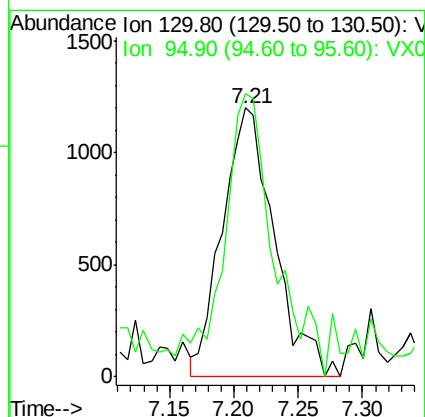
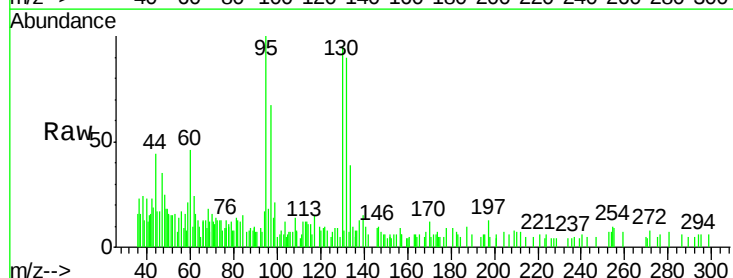
RT: 7.21 min Scan# 1037

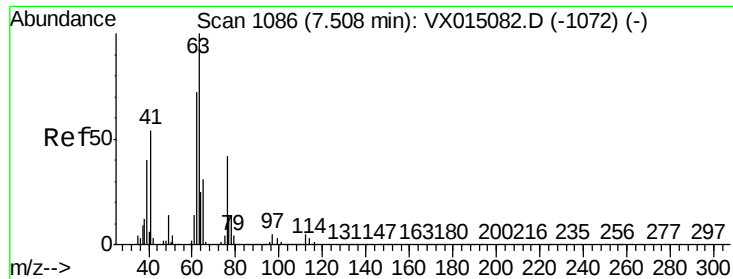
Delta R.T. 0.00 min

Lab File: VX015090.D

Acq: 04 Mar 2020 16:19

Tgt Ion:	130	Resp:	3384
Ion	Ratio	Lower	Upper
130	100		
95	100.3	0.0	181.2

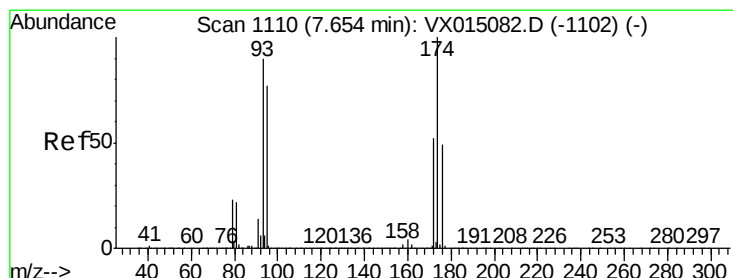
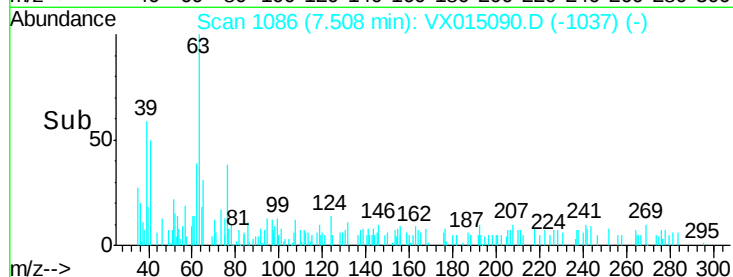
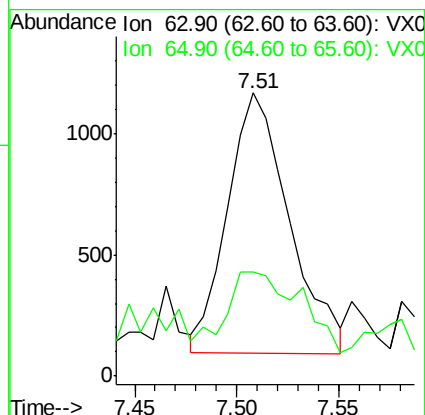
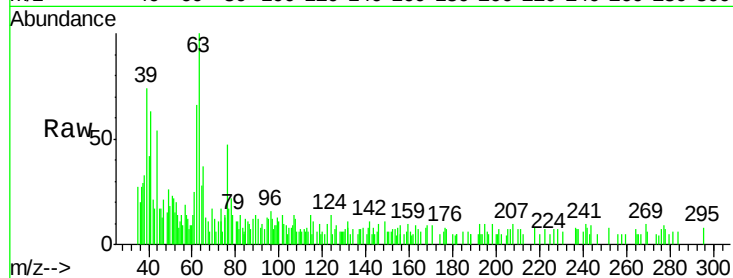




#45
 1,2-Dichloropropane
 Concen: 0.536 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX015090.D
 Acq: 04 Mar 2020 16:19

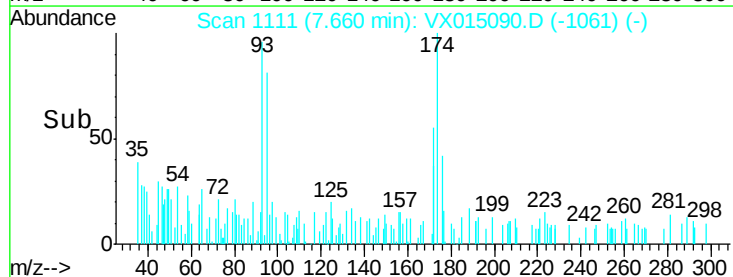
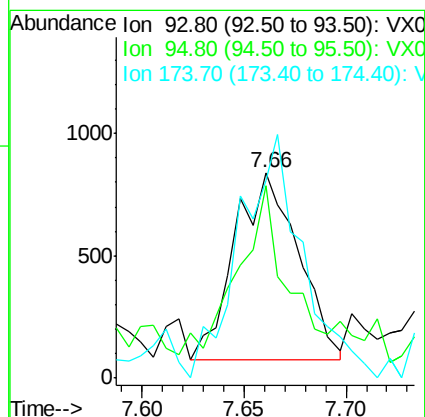
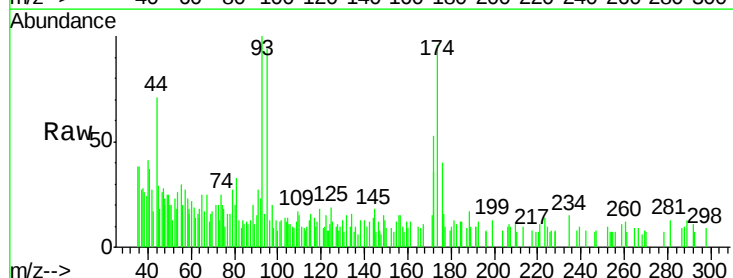
Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2020

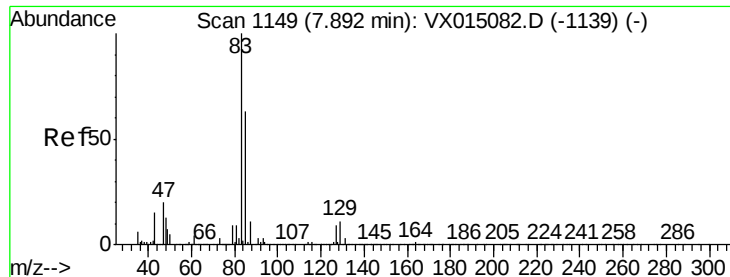
Tgt Ion: 63 Resp: 2262
 Ion Ratio Lower Upper
 63 100
 65 33.1 24.6 36.8



#46
 Dibromomethane
 Concen: 0.602 ug/l
 RT: 7.66 min Scan# 1111
 Delta R.T. 0.01 min
 Lab File: VX015090.D
 Acq: 04 Mar 2020 16:19

Tgt Ion: 93 Resp: 1656
 Ion Ratio Lower Upper
 93 100
 95 97.0 67.8 101.8
 174 129.1 91.0 136.4





#47

Bromodichloromethane

Concen: 0.541 ug/l

RT: 7.90 min Scan# 1150

Delta R.T. 0.01 min

Lab File: VX015090.D

Acq: 04 Mar 2020 16:19

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

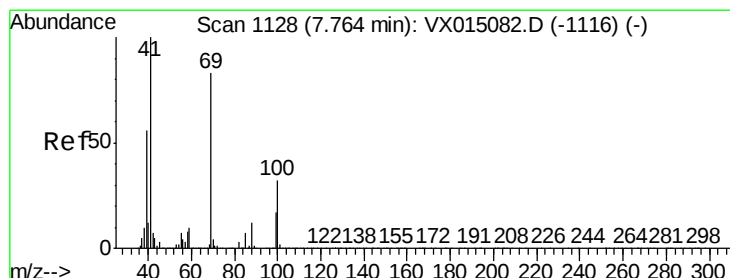
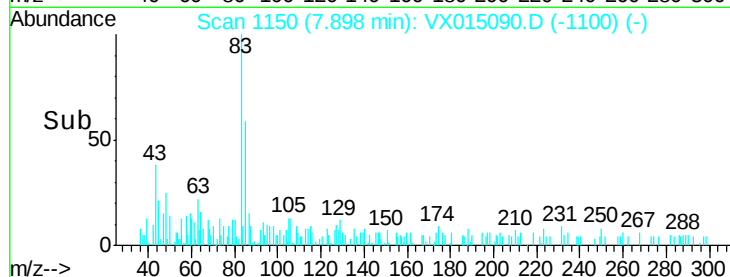
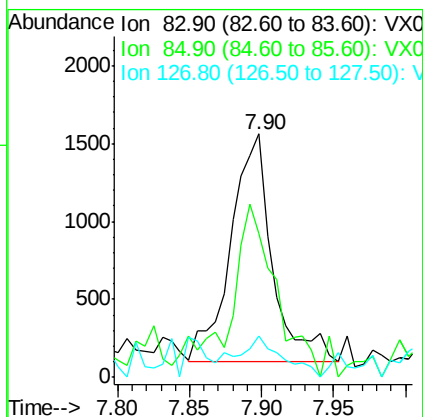
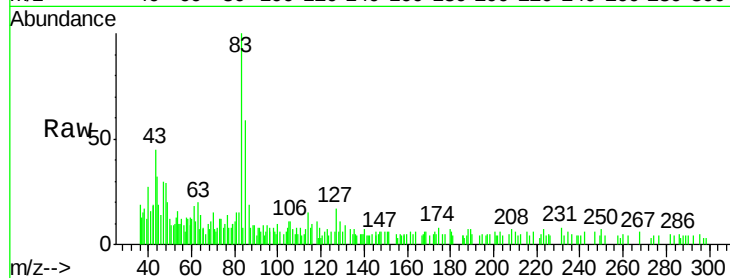
Tgt Ion: 83 Resp: 2944

Ion Ratio Lower Upper

83 100

85 63.3 50.6 75.8

127 7.1 7.1 10.7#



#48

Methyl methacrylate

Concen: 0.407 ug/l

RT: 7.77 min Scan# 1129

Delta R.T. 0.01 min

Lab File: VX015090.D

Acq: 04 Mar 2020 16:19

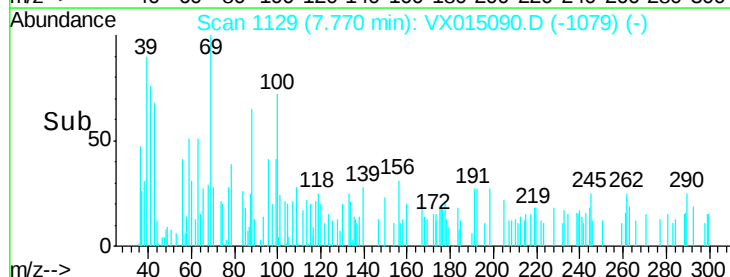
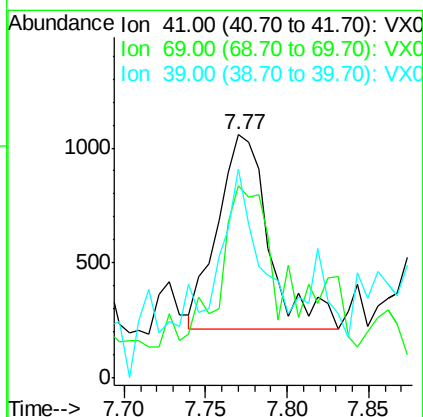
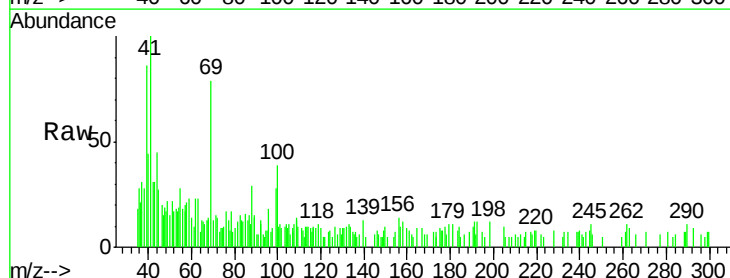
Tgt Ion: 41 Resp: 1859

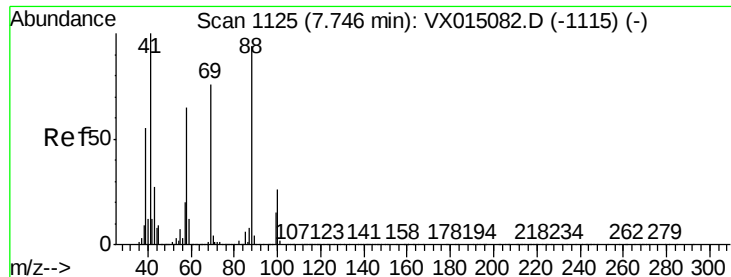
Ion Ratio Lower Upper

41 100

69 87.0 65.4 98.2

39 68.7 44.6 67.0#

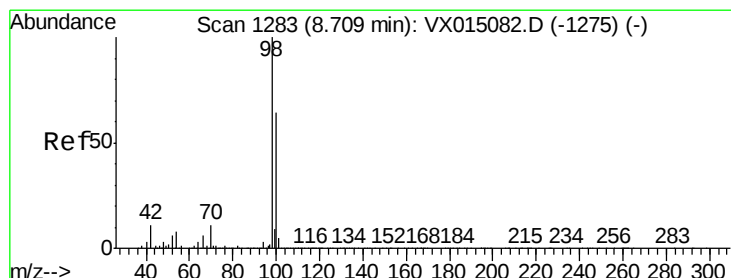
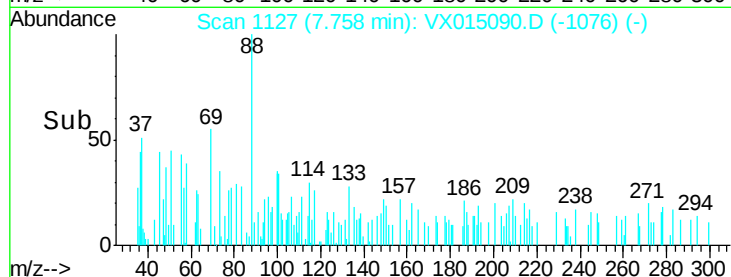
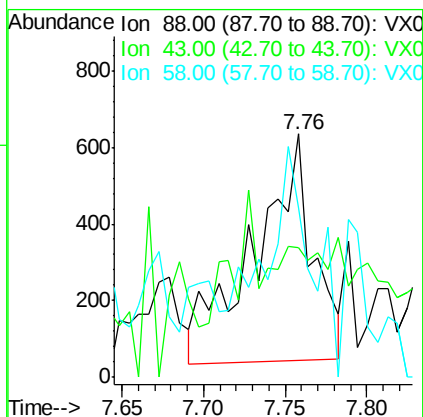
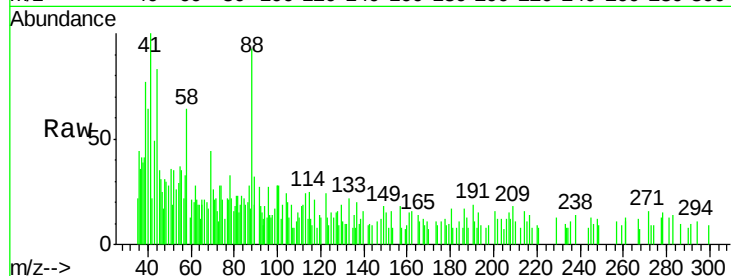




#49
1,4-Dioxane
Concen: 14.906 ug/l
RT: 7.76 min Scan# 1127
Delta R.T. 0.01 min
Lab File: VX015090.D
Acq: 04 Mar 2020 16:19

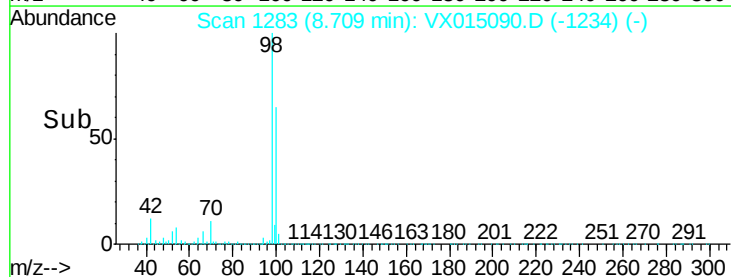
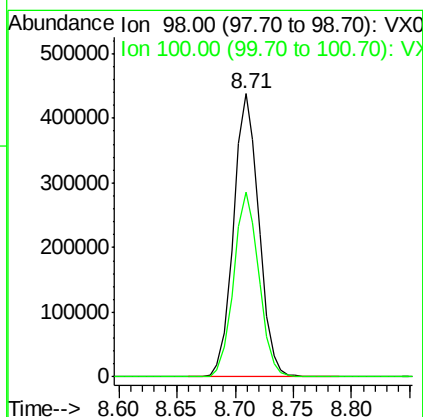
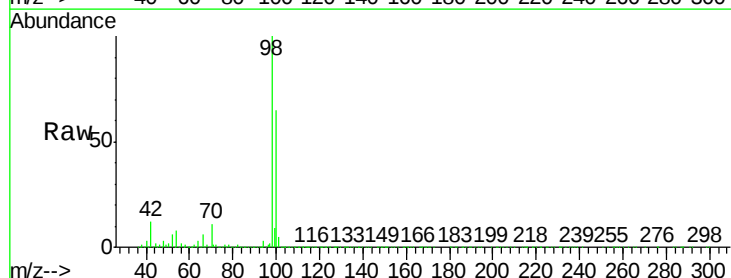
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

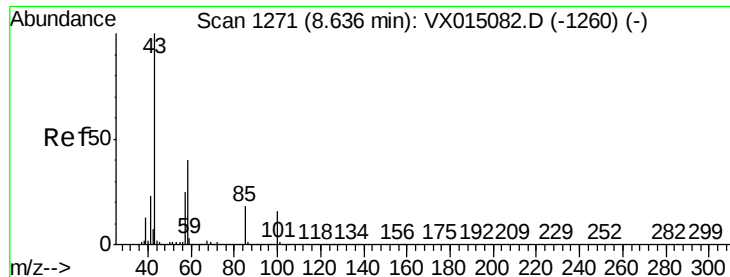
Tgt Ion: 88 Resp: 1472
Ion Ratio Lower Upper
88 100
43 0.0 27.0 40.4#
58 84.0 55.6 83.4#



#50
Toluene-d8
Concen: 46.500 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX015090.D
Acq: 04 Mar 2020 16:19

Tgt Ion: 98 Resp: 663812
Ion Ratio Lower Upper
98 100
100 64.8 52.4 78.6

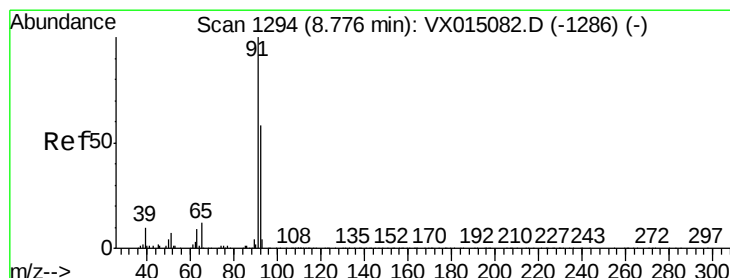
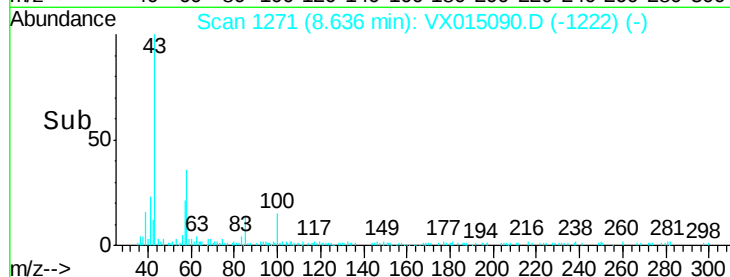
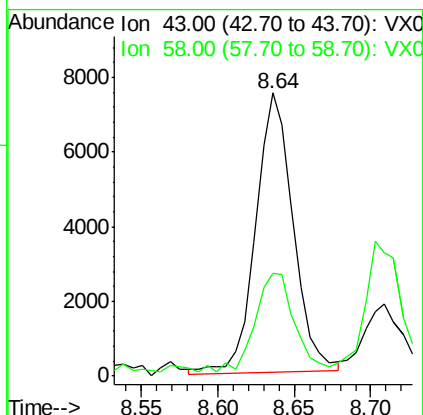
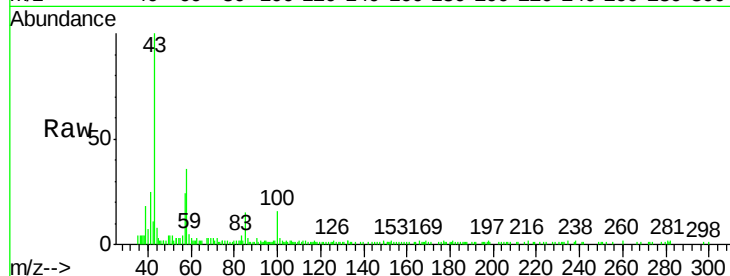




#51
 4-Methyl-2-Pentanone
 Concen: 2.406 ug/l
 RT: 8.64 min Scan# 1271
 Delta R.T. 0.00 min
 Lab File: VX015090.D
 Acq: 04 Mar 2020 16:19

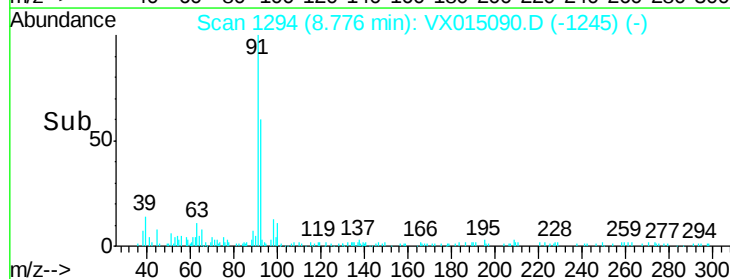
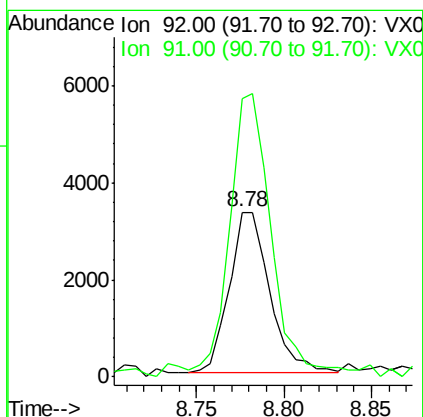
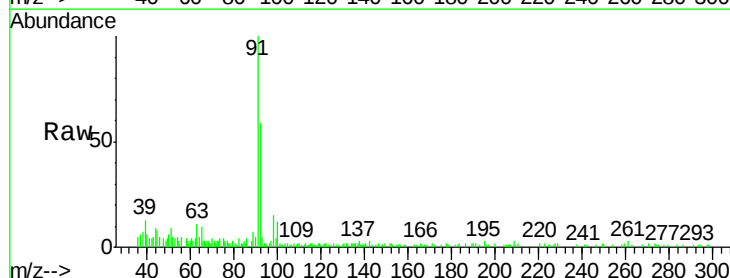
Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2020

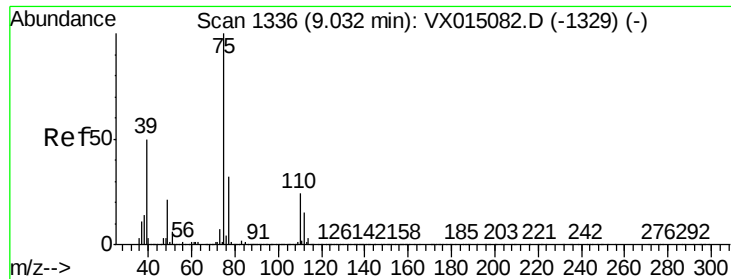
Tgt Ion: 43 Resp: 12764
 Ion Ratio Lower Upper
 43 100
 58 36.6 31.6 47.4



#52
 Toluene
 Concen: 0.540 ug/l
 RT: 8.78 min Scan# 1294
 Delta R.T. 0.00 min
 Lab File: VX015090.D
 Acq: 04 Mar 2020 16:19

Tgt Ion: 92 Resp: 5385
 Ion Ratio Lower Upper
 92 100
 91 186.9 136.9 205.3

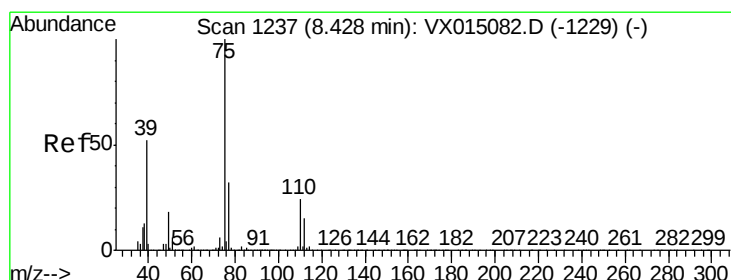
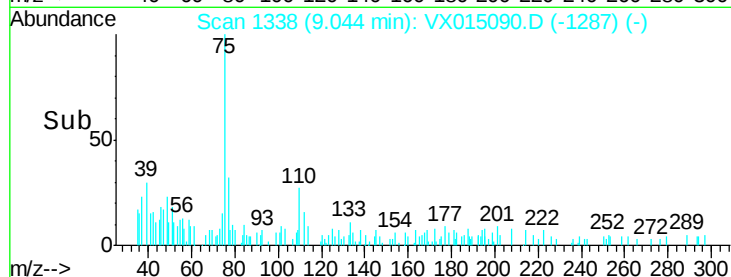
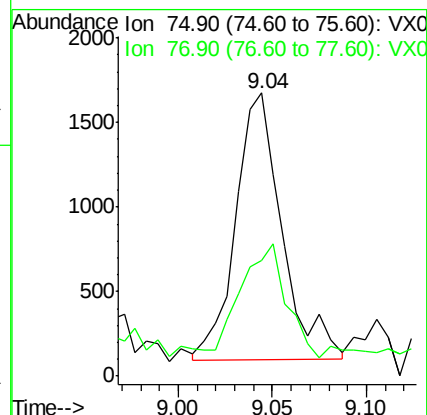
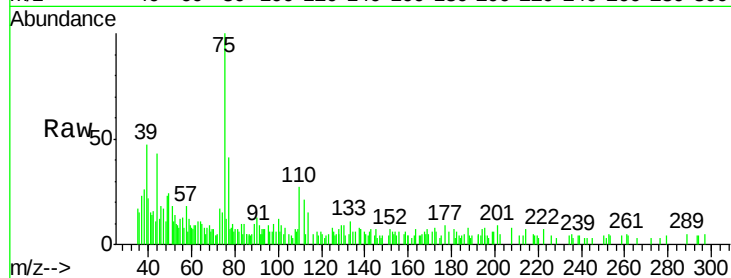




#53
t-1,3-Dichloropropene
Concen: 0.463 ug/l
RT: 9.04 min Scan# 1338
Delta R.T. 0.01 min
Lab File: VX015090.D
Acq: 04 Mar 2020 16:19

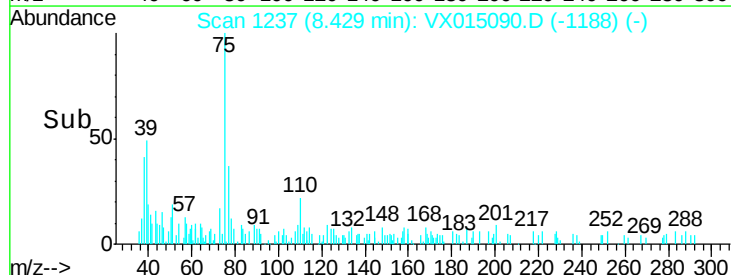
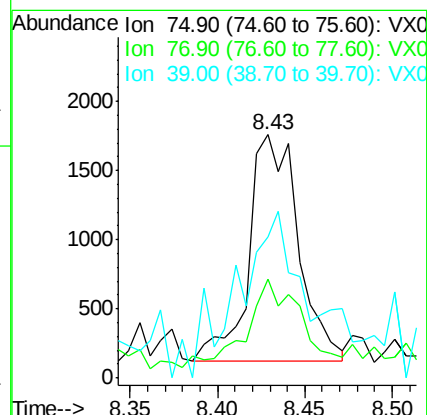
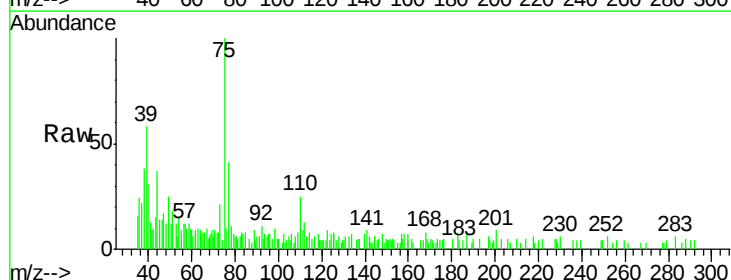
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

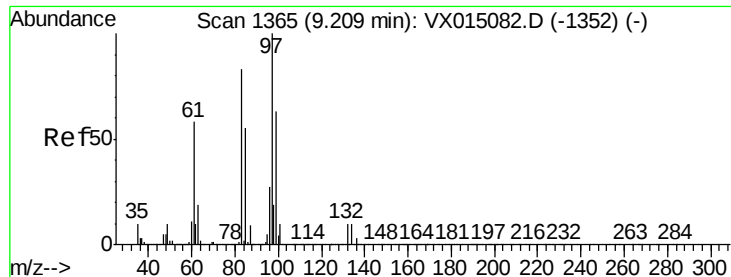
Tgt Ion: 75 Resp: 2681
Ion Ratio Lower Upper
75 100
77 34.3 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 0.489 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX015090.D
Acq: 04 Mar 2020 16:19

Tgt Ion: 75 Resp: 3202
Ion Ratio Lower Upper
75 100
77 34.5 25.8 38.6
39 62.5 41.3 61.9#





#55

1,1,2-Trichloroethane

Concen: 0.552 ug/l

RT: 9.21 min Scan# 1366

Delta R.T. 0.01 min

Lab File: VX015090.D

Acq: 04 Mar 2020 16:19

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

Tgt Ion: 97 Resp: 2265

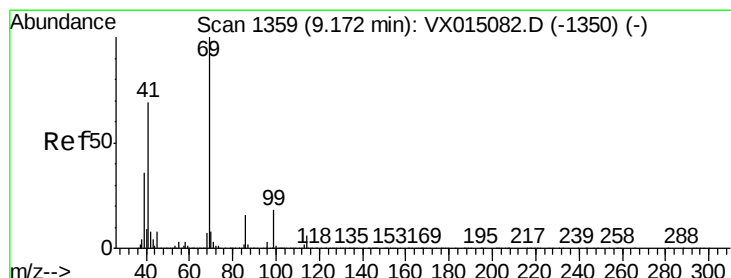
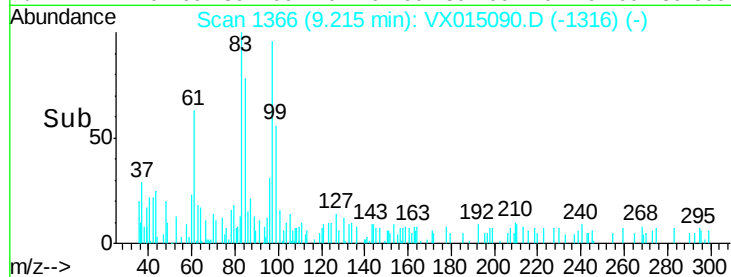
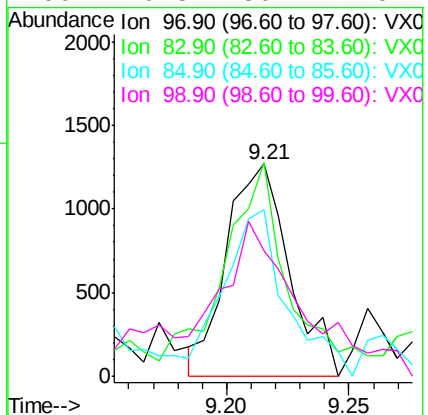
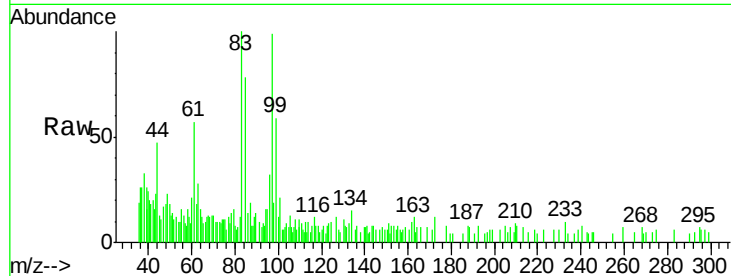
Ion Ratio Lower Upper

97 100

83 89.0 66.4 99.6

85 69.6 43.5 65.3#

99 40.8 50.7 76.1#



#56

Ethyl methacrylate

Concen: 0.465 ug/l

RT: 9.18 min Scan# 1360

Delta R.T. 0.01 min

Lab File: VX015090.D

Acq: 04 Mar 2020 16:19

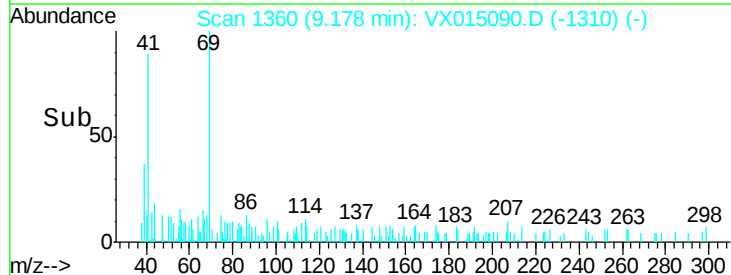
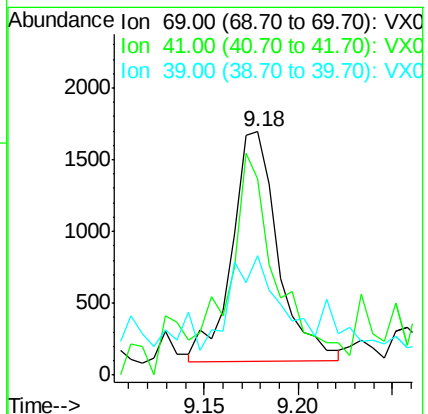
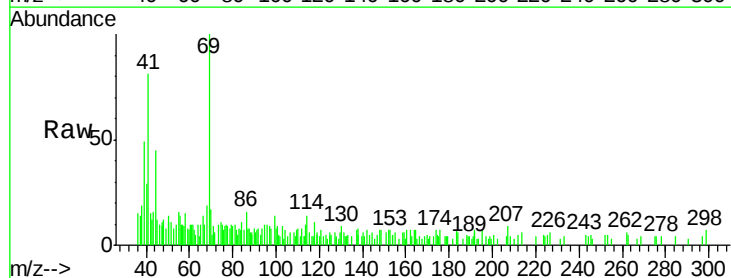
Tgt Ion: 69 Resp: 2726

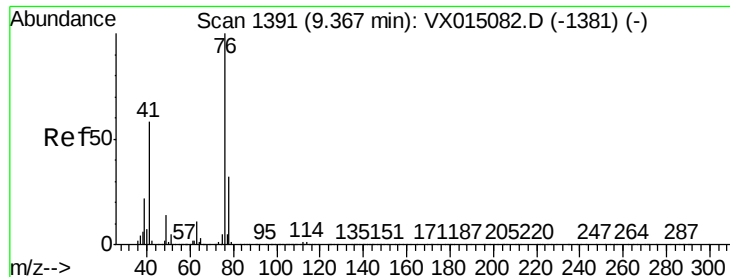
Ion Ratio Lower Upper

69 100

41 81.6 55.8 83.8

39 44.6 29.4 44.2#





#57

1,3-Dichloropropane

Concen: 0.618 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX015090.D

Acq: 04 Mar 2020 16:19

Instrument :

MSVOA_X

ClientSampleId :

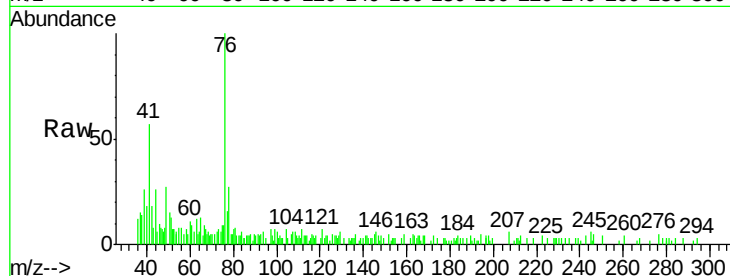
LOD-MDL-WATER-01-QT1-2020

Tgt Ion: 76 Resp: 4269

Ion Ratio Lower Upper

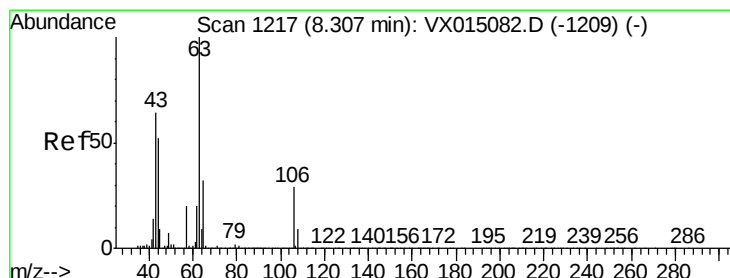
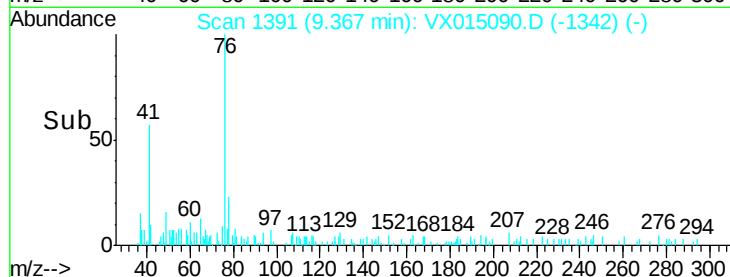
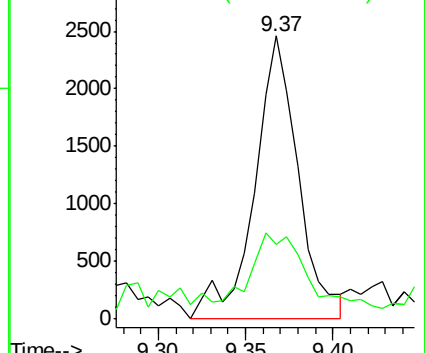
76 100

78 32.8 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 2.279 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX015090.D

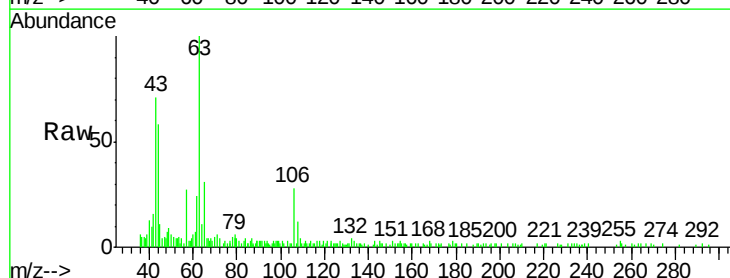
Acq: 04 Mar 2020 16:19

Tgt Ion: 63 Resp: 7272

Ion Ratio Lower Upper

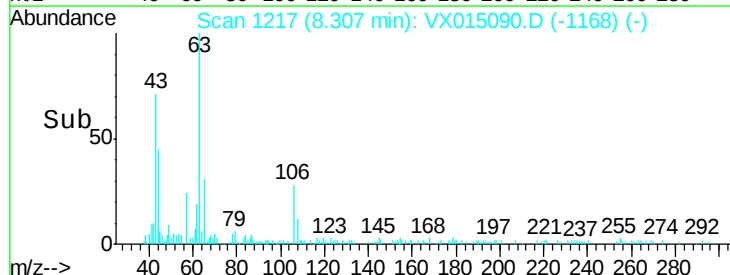
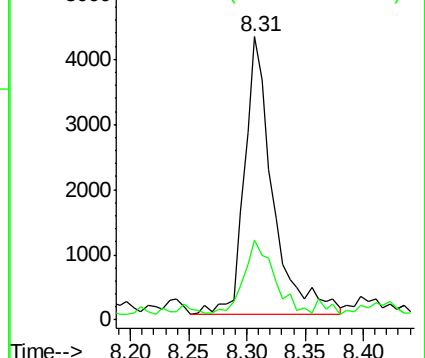
63 100

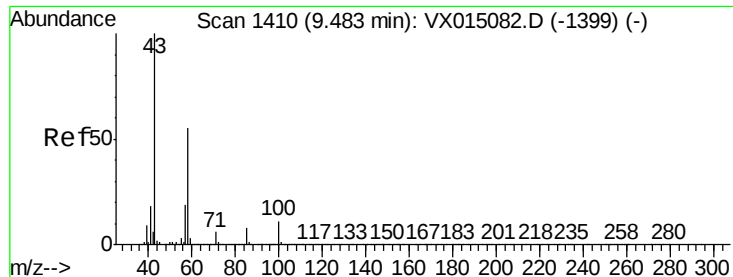
106 30.8 22.8 34.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

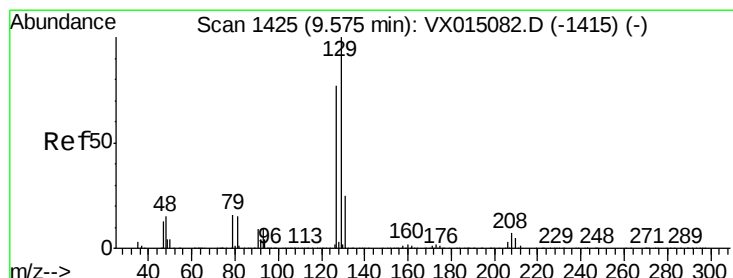
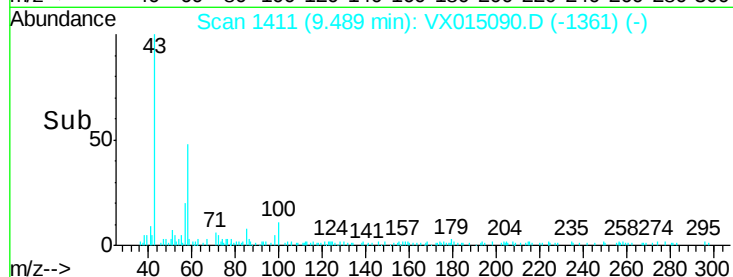
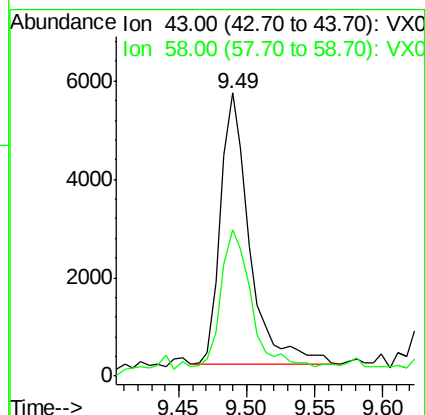
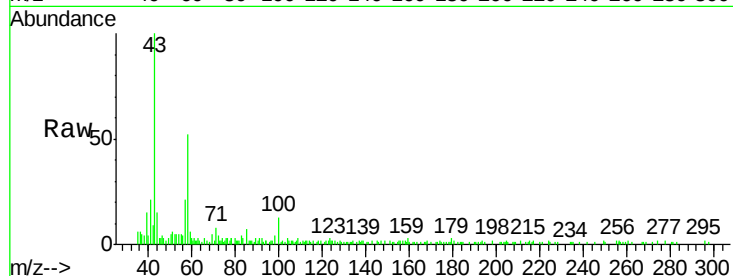




#59
2-Hexanone
Concen: 2.092 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.01 min
Lab File: VX015090.D
Acq: 04 Mar 2020 16:19

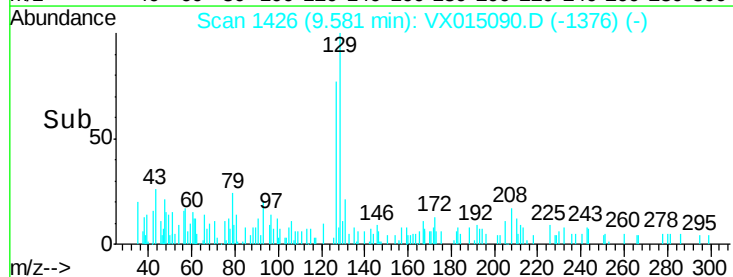
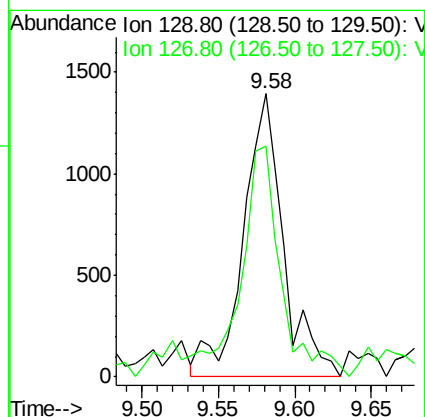
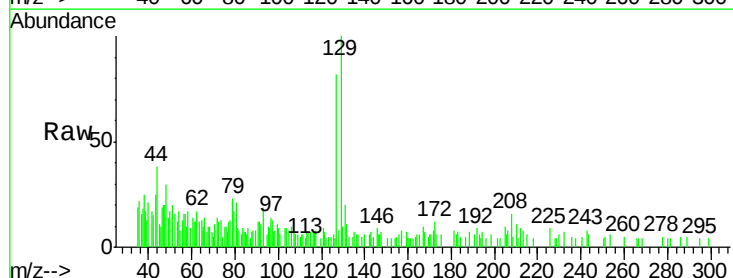
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

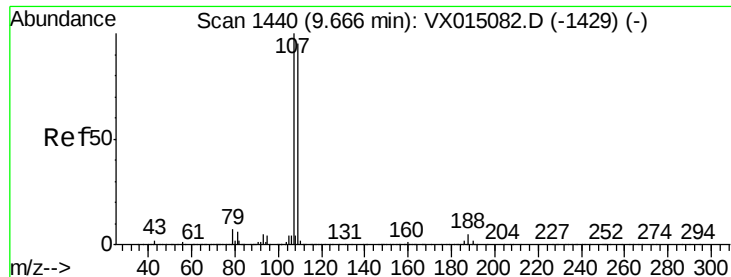
Tgt Ion: 43 Resp: 8228
Ion Ratio Lower Upper
43 100
58 63.5 27.3 81.8



#60
Dibromochloromethane
Concen: 0.591 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.01 min
Lab File: VX015090.D
Acq: 04 Mar 2020 16:19

Tgt Ion: 129 Resp: 2549
Ion Ratio Lower Upper
129 100
127 80.2 38.8 116.3





#61

1,2-Dibromoethane

Concen: 0.592 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX015090.D

Acq: 04 Mar 2020 16:19

Instrument :

MSVOA_X

ClientSampleId :

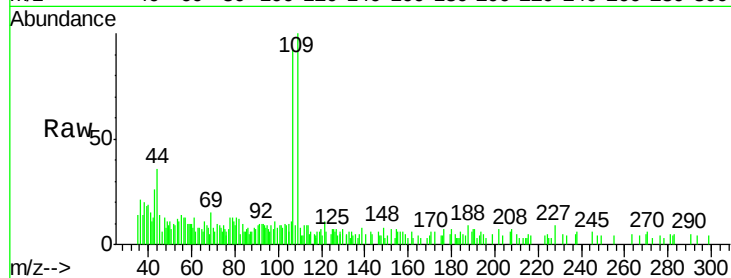
LOD-MDL-WATER-01-QT1-2020

Tgt Ion: 107 Resp: 2555

Ion Ratio Lower Upper

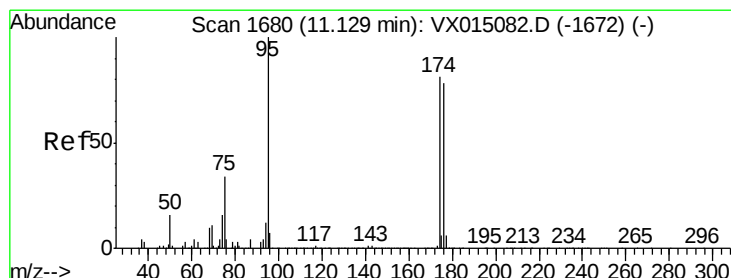
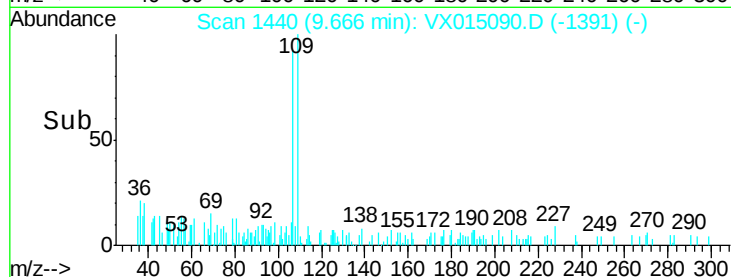
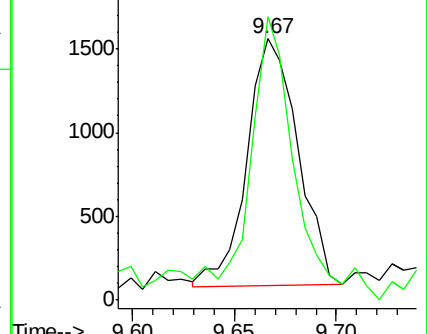
107 100

109 98.7 75.6 113.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 43.923 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX015090.D

Acq: 04 Mar 2020 16:19

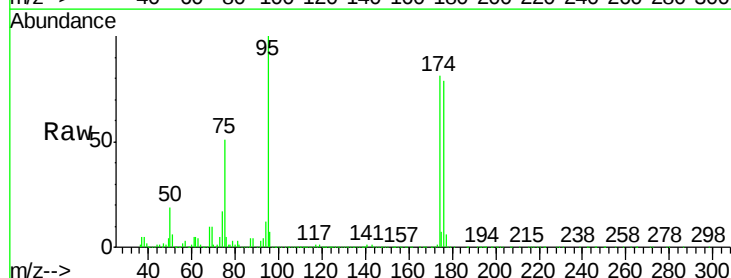
Tgt Ion: 95 Resp: 223655

Ion Ratio Lower Upper

95 100

174 90.4 0.0 177.6

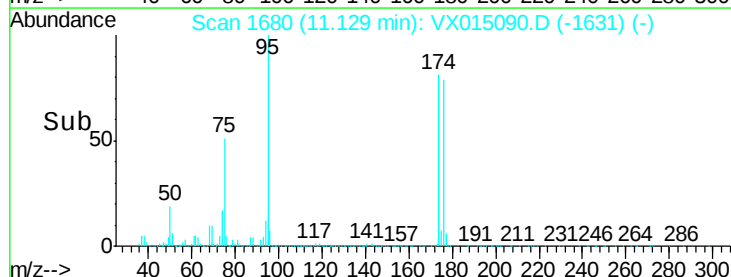
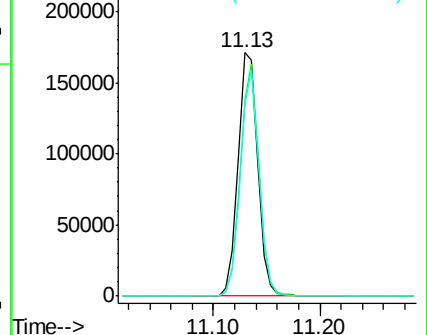
176 87.7 0.0 170.2

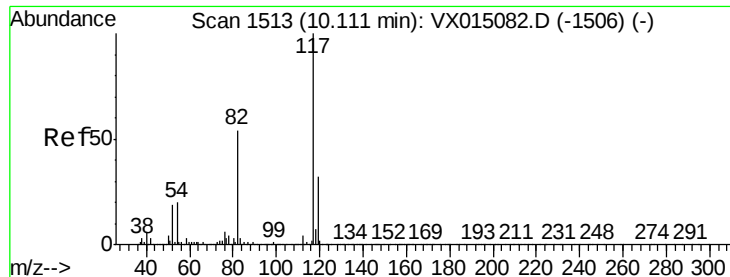


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

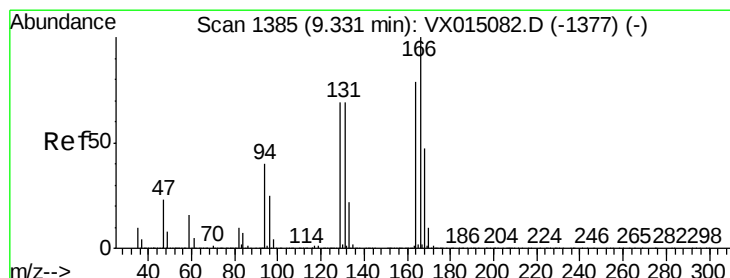
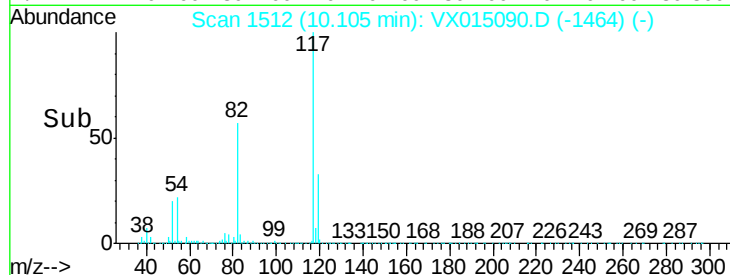
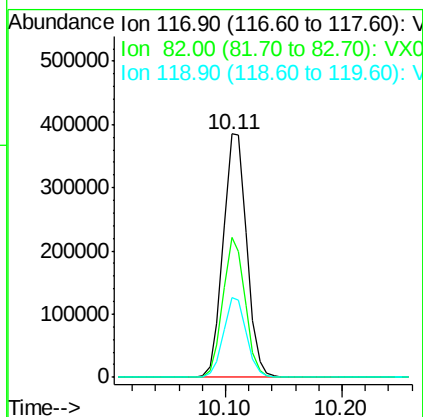
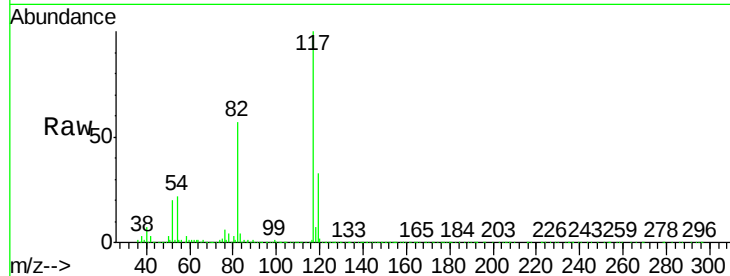




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX015090.D
Acq: 04 Mar 2020 16:19

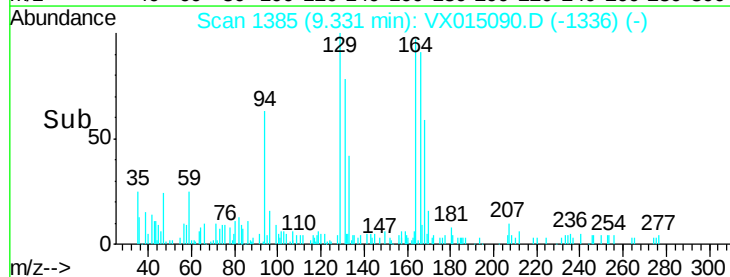
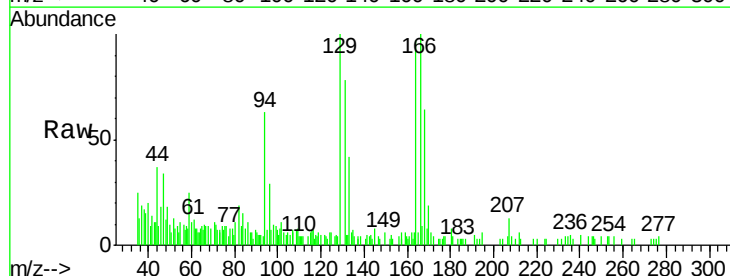
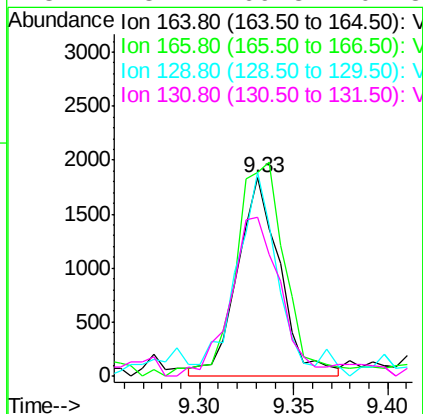
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

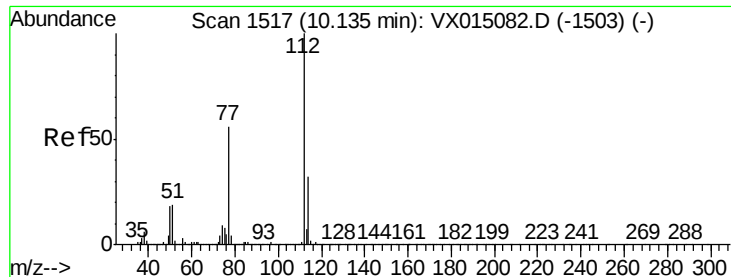
Tgt Ion:117 Resp: 537600
Ion Ratio Lower Upper
117 100
82 57.3 43.3 64.9
119 32.6 25.8 38.8



#64
Tetrachloroethene
Concen: 0.646 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX015090.D
Acq: 04 Mar 2020 16:19

Tgt Ion:164 Resp: 2870
Ion Ratio Lower Upper
164 100
166 102.8 101.1 151.7
129 101.8 69.4 104.0
131 78.2 69.8 104.8





#65

Chlorobenzene

Concen: 0.566 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX015090.D

Acq: 04 Mar 2020 16:19

Instrument :

MSVOA_X

ClientSampleId :

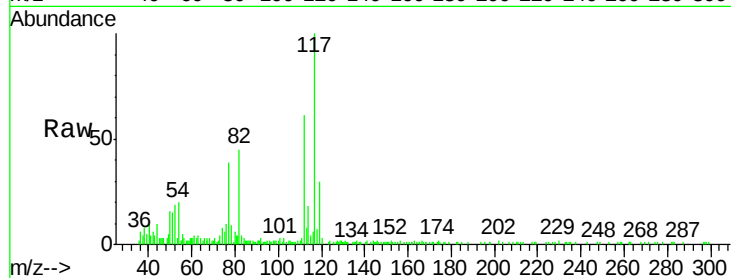
LOD-MDL-WATER-01-QT1-2020

Tgt Ion:112 Resp: 6109

Ion Ratio Lower Upper

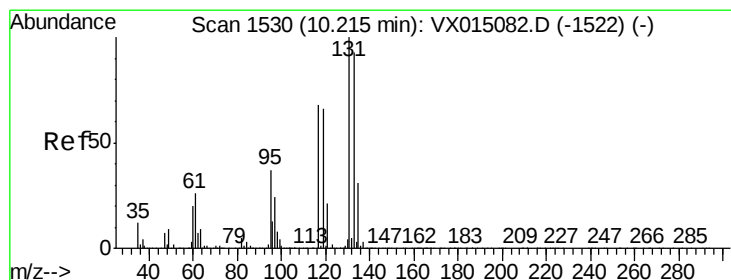
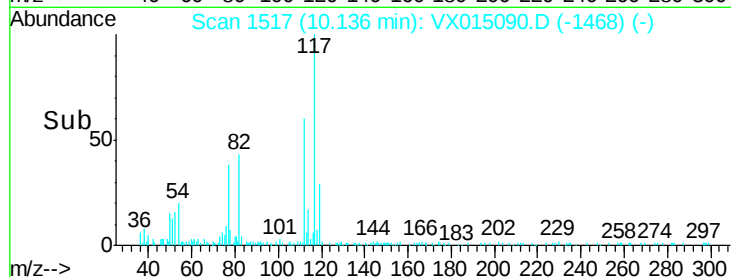
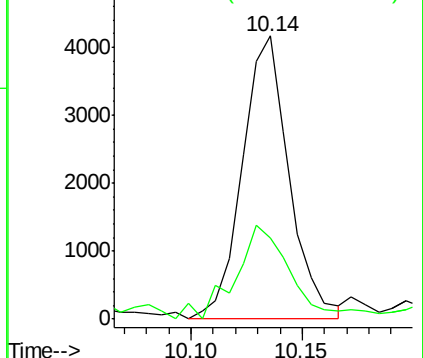
112 100

114 27.0 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: 0.520 ug/l

RT: 10.22 min Scan# 1531

Delta R.T. 0.01 min

Lab File: VX015090.D

Acq: 04 Mar 2020 16:19

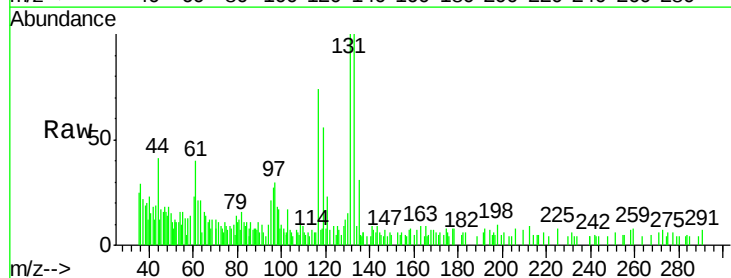
Tgt Ion:131 Resp: 2116

Ion Ratio Lower Upper

131 100

133 98.5 47.5 142.5

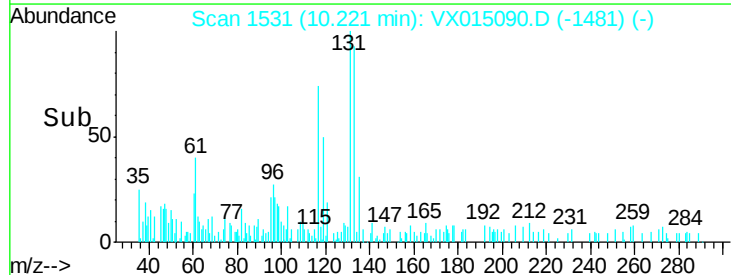
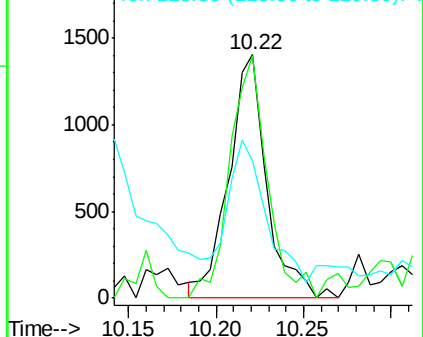
119 0.0 33.4 100.1#

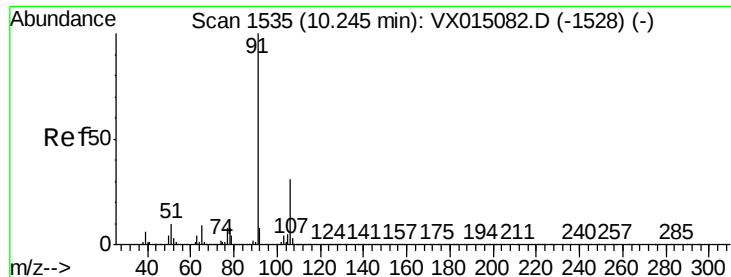


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 0.511 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX015090.D

Acq: 04 Mar 2020 16:19

Instrument :

MSVOA_X

ClientSampleId :

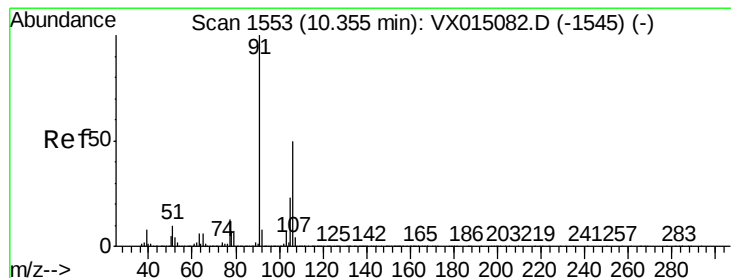
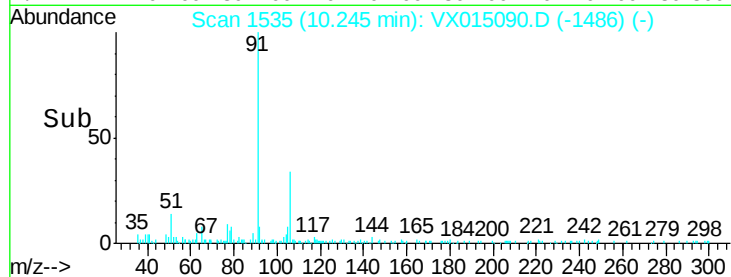
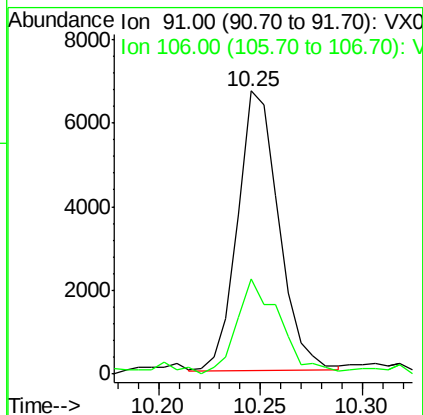
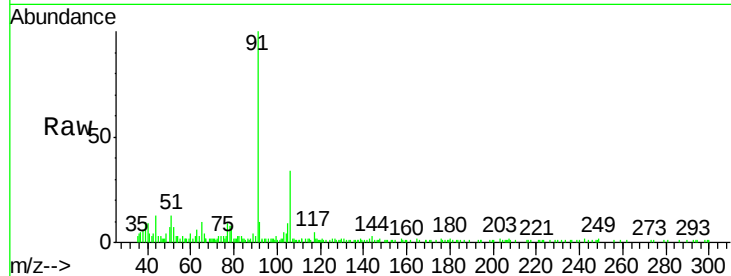
LOD-MDL-WATER-01-QT1-2020

Tgt Ion: 91 Resp: 9358

Ion Ratio Lower Upper

91 100

106 33.5 24.9 37.3



#68

m/p-Xylenes

Concen: 1.061 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX015090.D

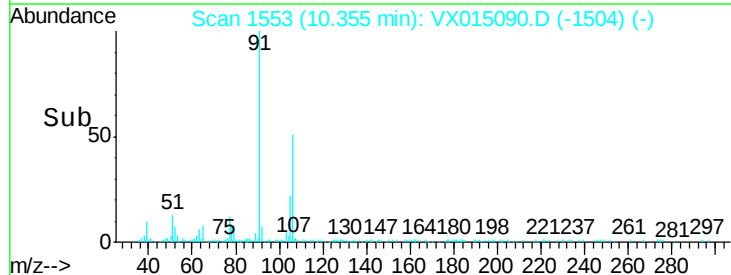
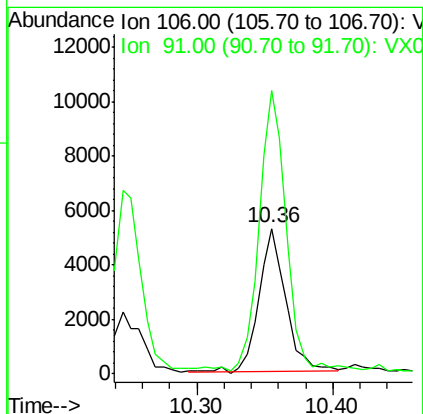
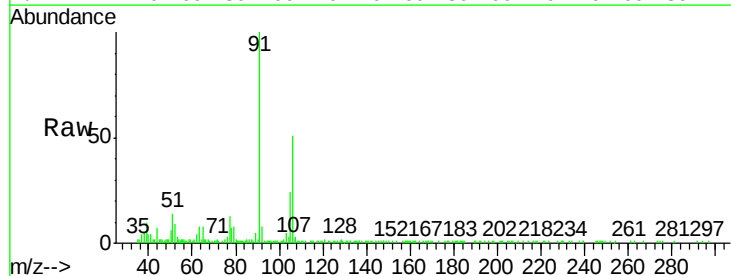
Acq: 04 Mar 2020 16:19

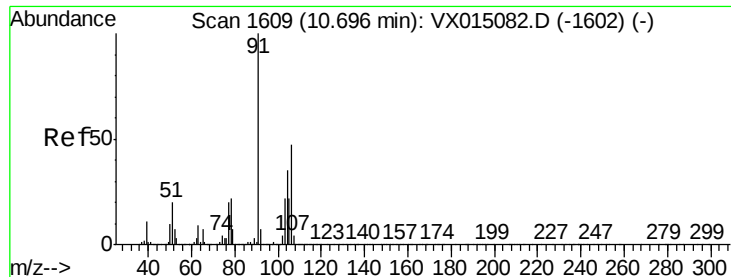
Tgt Ion: 106 Resp: 7396

Ion Ratio Lower Upper

106 100

91 193.5 159.4 239.2

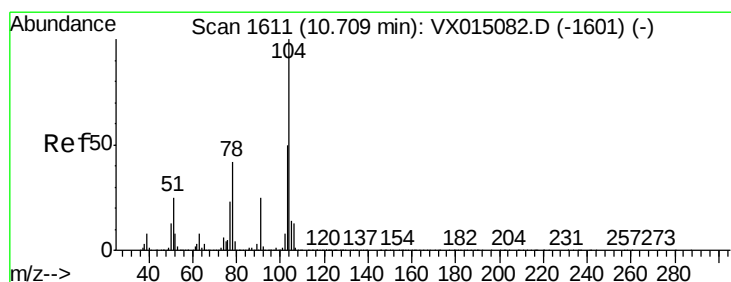
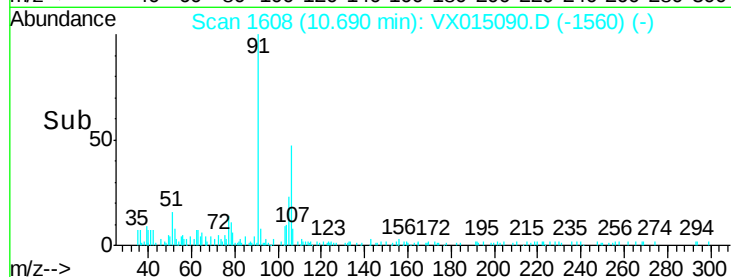
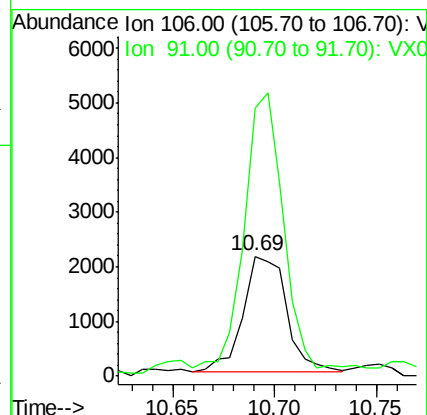
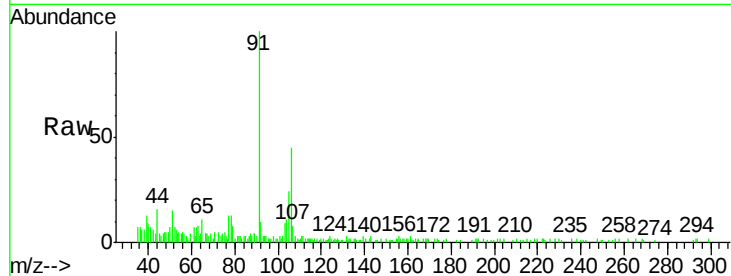




#69
o-Xylene
Concen: 0.467 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX015090.D
Acq: 04 Mar 2020 16:19

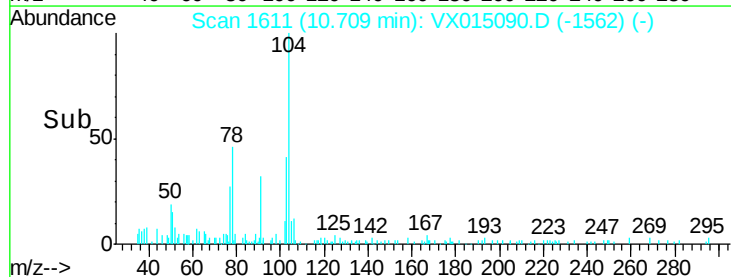
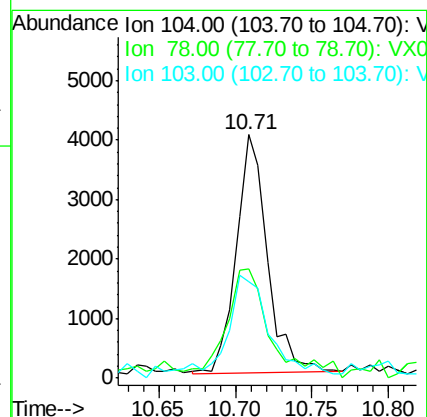
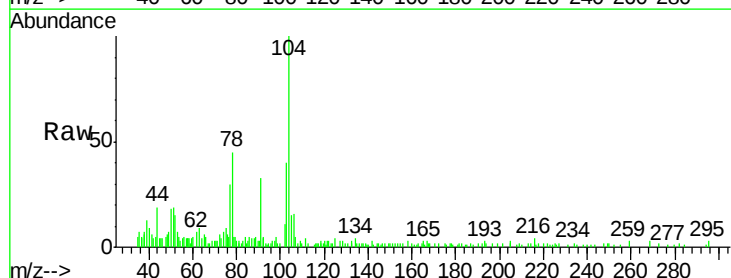
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

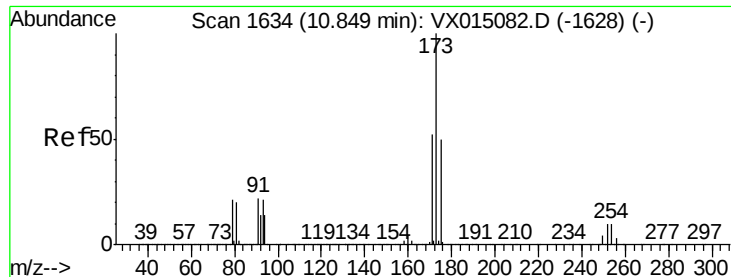
Tgt Ion:106 Resp: 3118
Ion Ratio Lower Upper
106 100
91 222.0 105.4 316.1



#70
Styrene
Concen: 0.490 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX015090.D
Acq: 04 Mar 2020 16:19

Tgt Ion:104 Resp: 5612
Ion Ratio Lower Upper
104 100
78 52.2 39.0 58.4
103 64.6 43.7 65.5





#71

Bromoform

Concen: 0.513 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.01 min

Lab File: VX015090.D

Acq: 04 Mar 2020 16:19

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

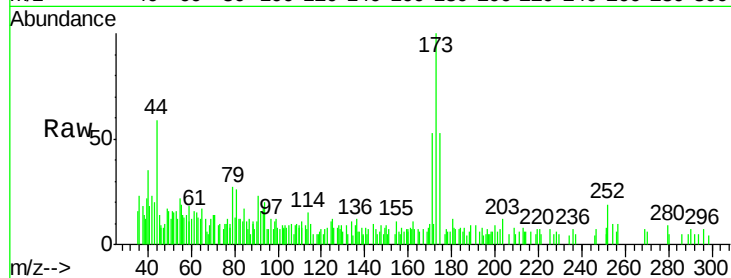
Tgt Ion:173 Resp: 1620

Ion Ratio Lower Upper

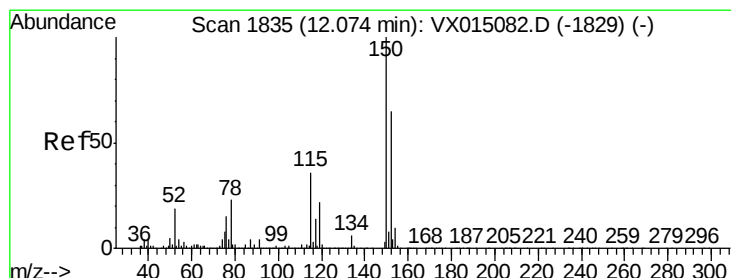
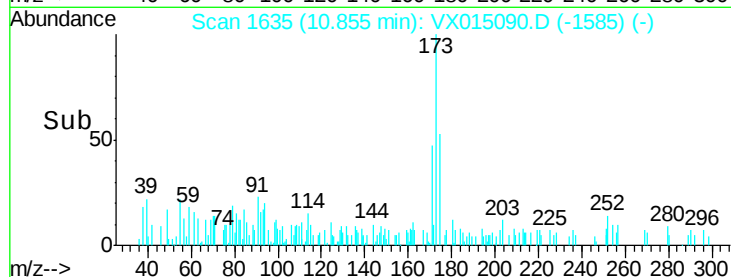
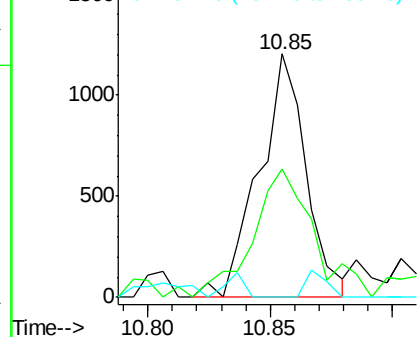
173 100

175 67.9 24.9 74.7

254 4.9 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX015090.D

Acq: 04 Mar 2020 16:19

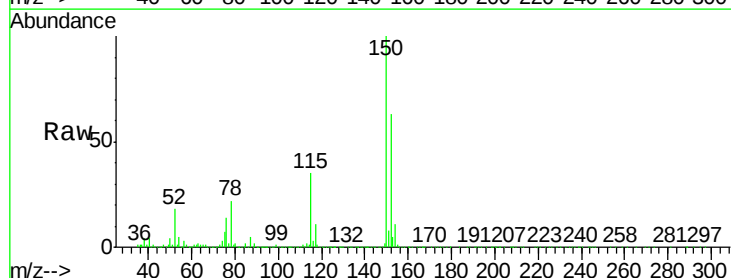
Tgt Ion:152 Resp: 259003

Ion Ratio Lower Upper

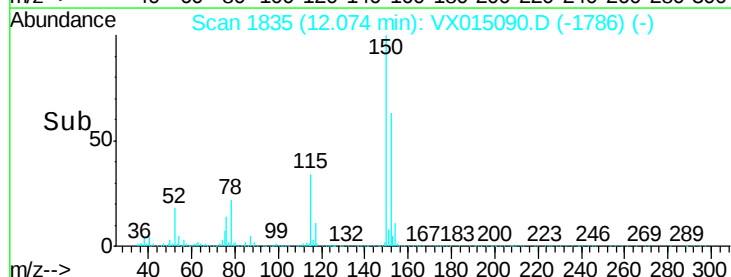
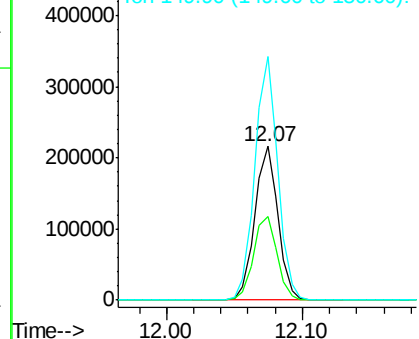
152 100

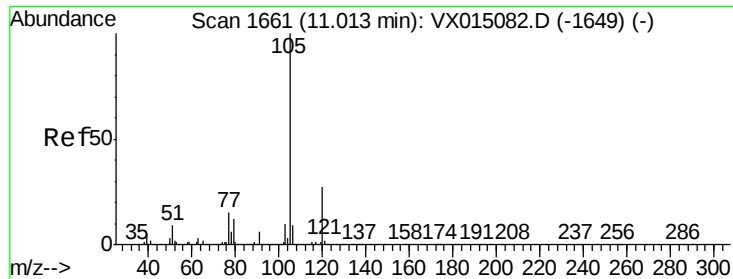
115 55.6 38.2 114.6

150 156.4 0.0 343.8



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





#73

Isopropylbenzene

Concen: 0.502 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX015090.D

Acq: 04 Mar 2020 16:19

Instrument :

MSVOA_X

ClientSampleId :

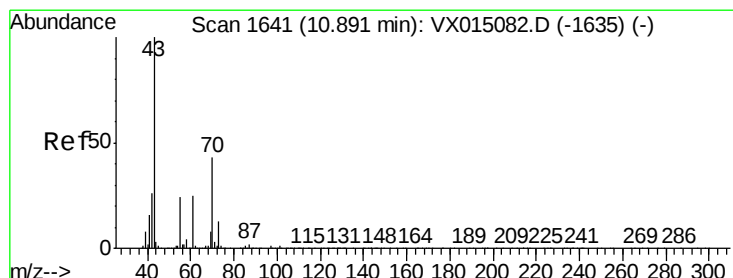
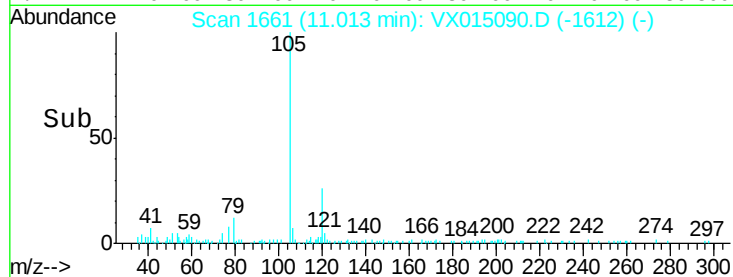
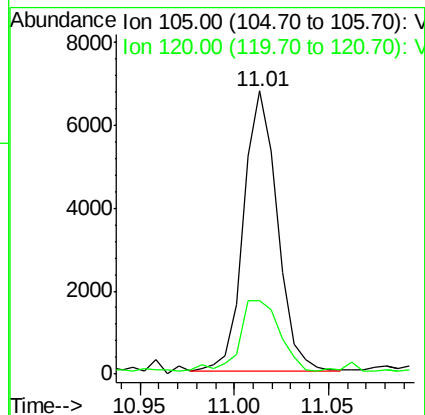
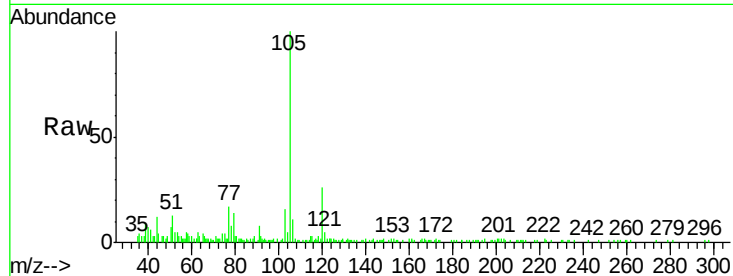
LOD-MDL-WATER-01-QT1-2020

Tgt Ion:105 Resp: 8311

Ion Ratio Lower Upper

105 100

120 31.6 13.5 40.5



#74

N-ethyl acetate

Concen: 0.499 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX015090.D

Acq: 04 Mar 2020 16:19

Tgt Ion: 43 Resp: 3481

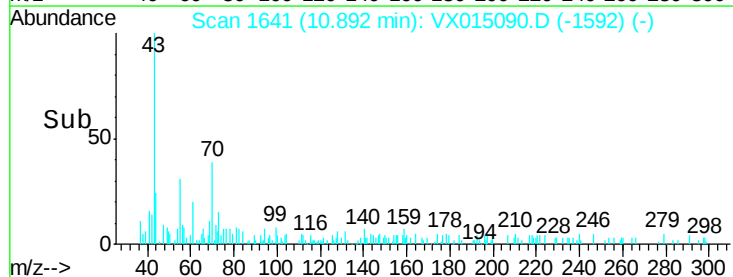
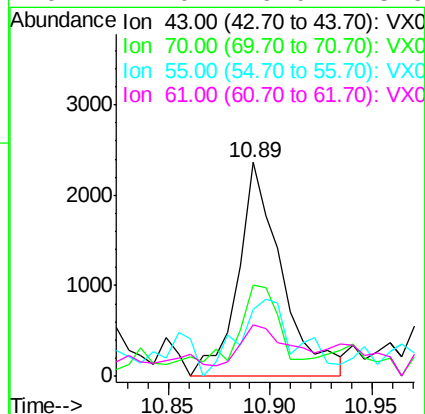
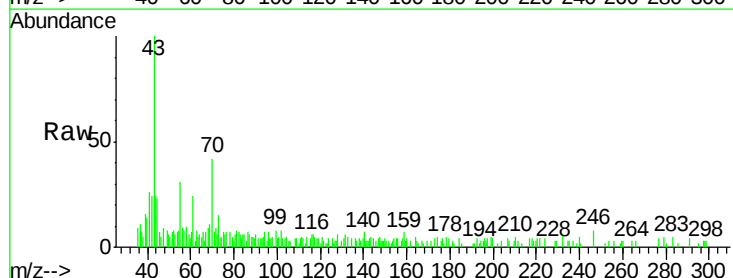
Ion Ratio Lower Upper

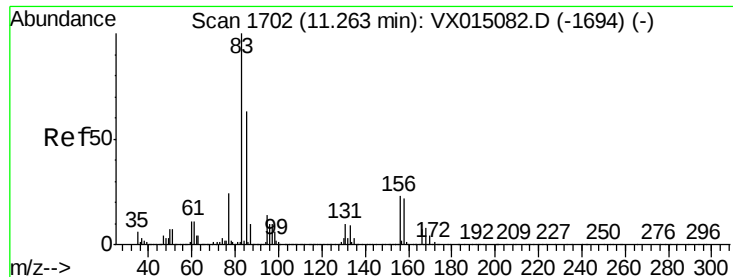
43 100

70 40.2 34.7 52.1

55 49.3 19.4 29.0#

61 21.0 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 0.575 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX015090.D

Acq: 04 Mar 2020 16:19

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

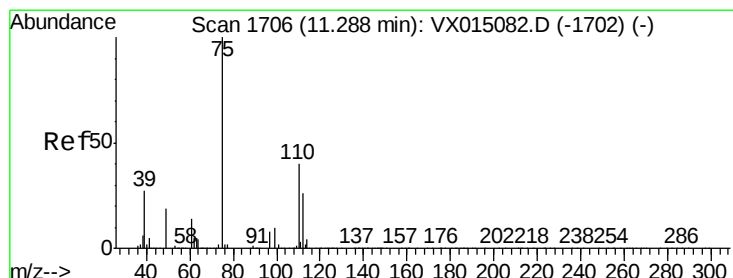
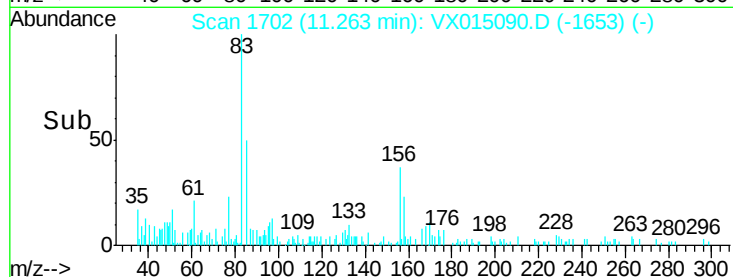
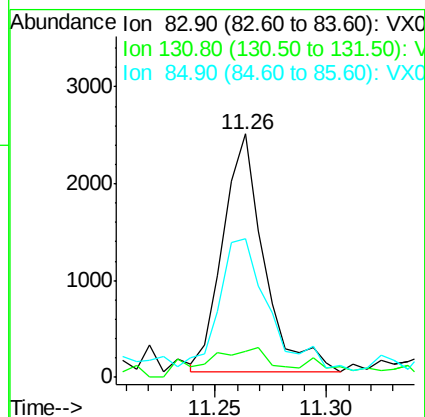
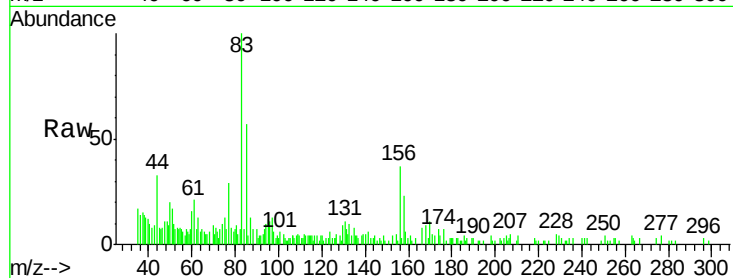
Tgt Ion: 83 Resp: 3171

Ion Ratio Lower Upper

83 100

131 20.9 5.0 14.9#

85 67.4 31.9 95.9



#76

1,2,3-Trichloropropane

Concen: 21.490 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.16 min

Lab File: VX015090.D

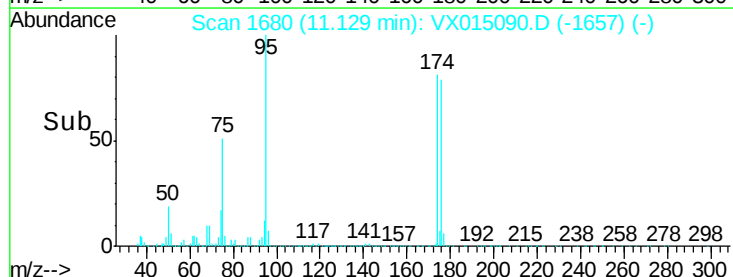
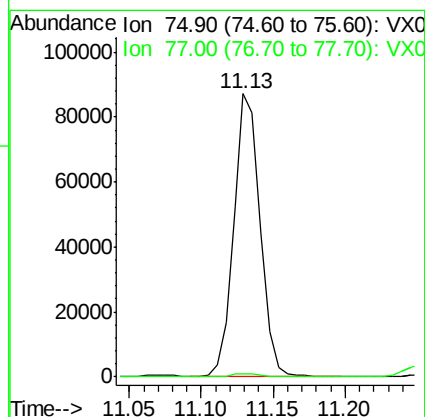
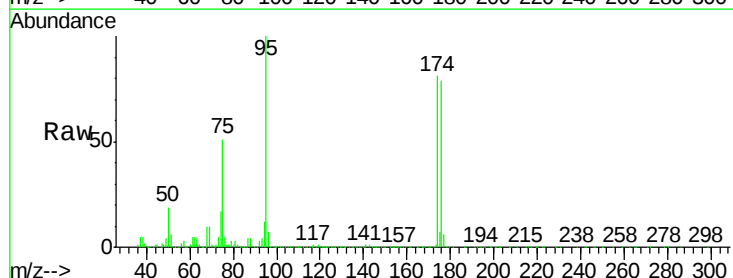
Acq: 04 Mar 2020 16:19

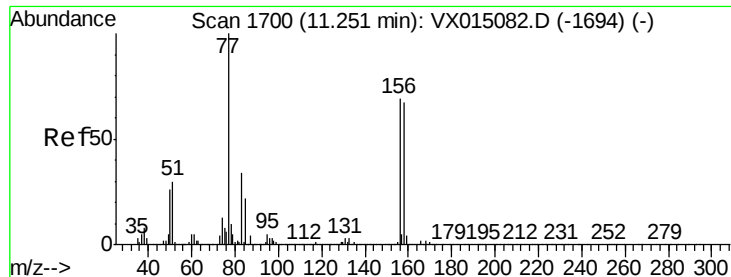
Tgt Ion: 75 Resp: 111022

Ion Ratio Lower Upper

75 100

77 1.5 22.6 67.8#





#77

Bromobenzene

Concen: 0.719 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX015090.D

Acq: 04 Mar 2020 16:19

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

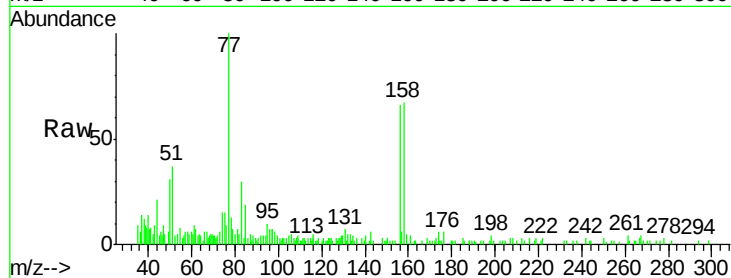
Tgt Ion:156 Resp: 3316

Ion Ratio Lower Upper

156 100

77 125.3 75.3 225.9

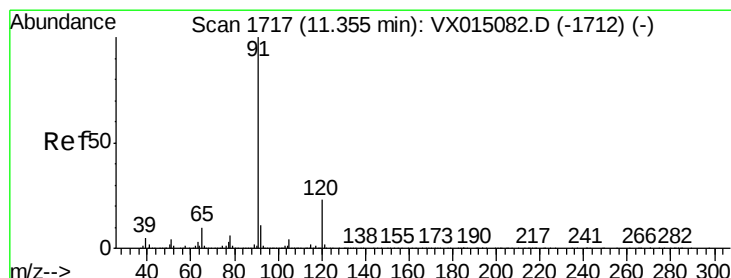
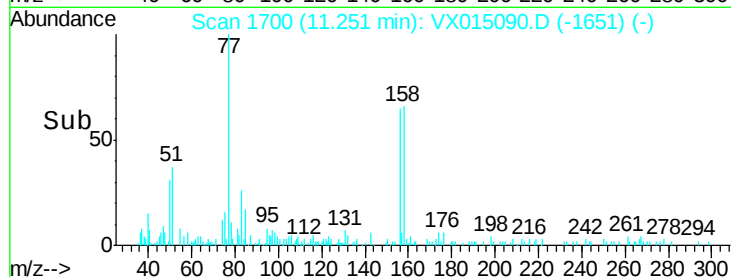
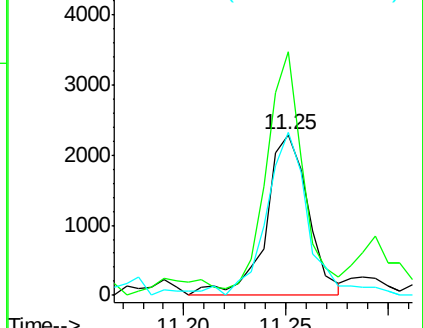
158 102.3 48.5 145.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 0.563 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX015090.D

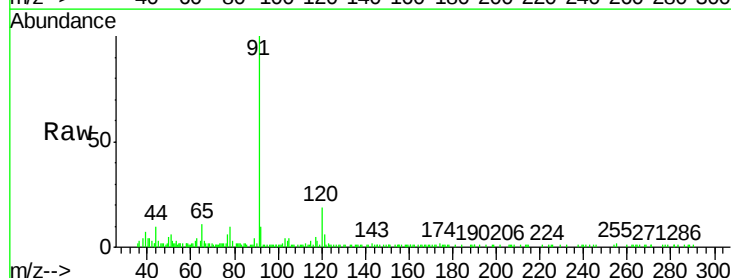
Acq: 04 Mar 2020 16:19

Tgt Ion: 91 Resp: 10635

Ion Ratio Lower Upper

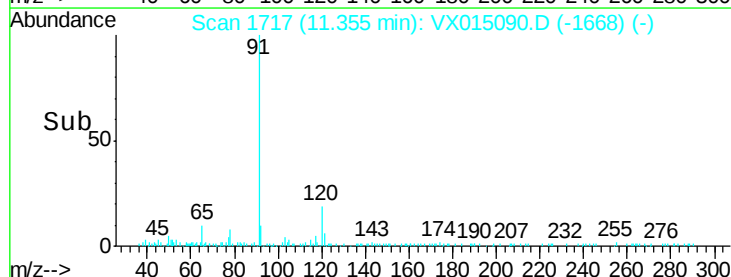
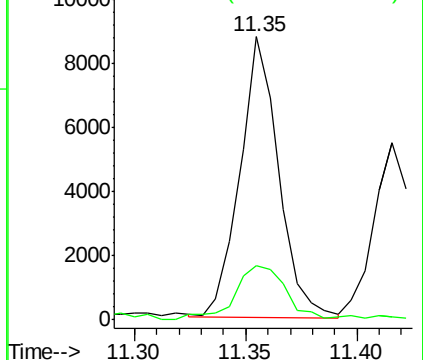
91 100

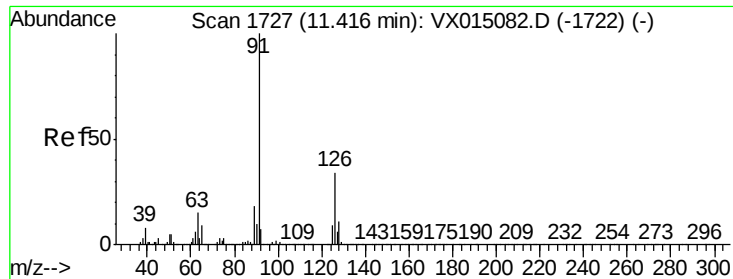
120 25.6 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

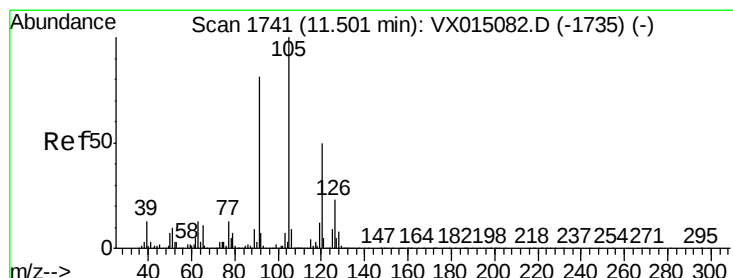
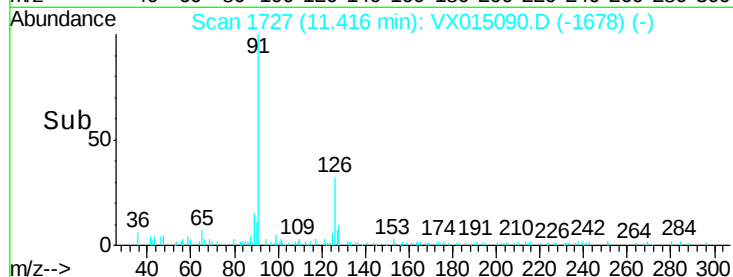
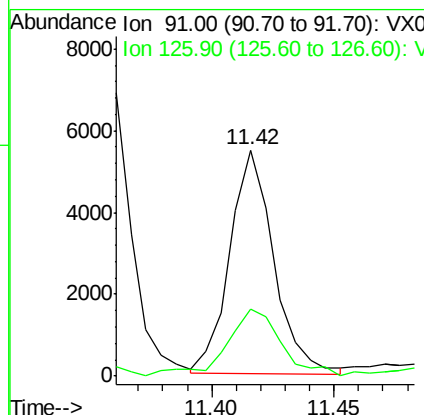
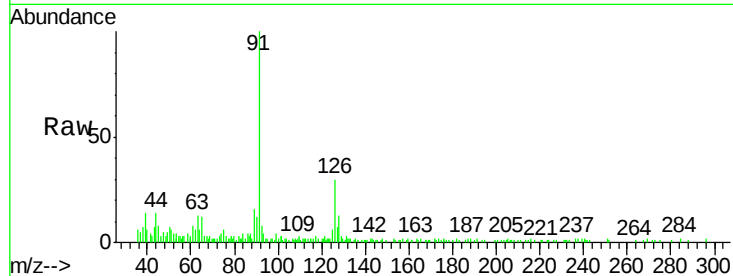




#79
2-Chlorotoluene
Concen: 0.606 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. 0.00 min
Lab File: VX015090.D
Acq: 04 Mar 2020 16:19

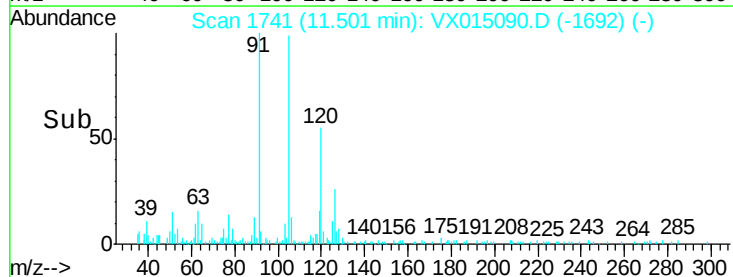
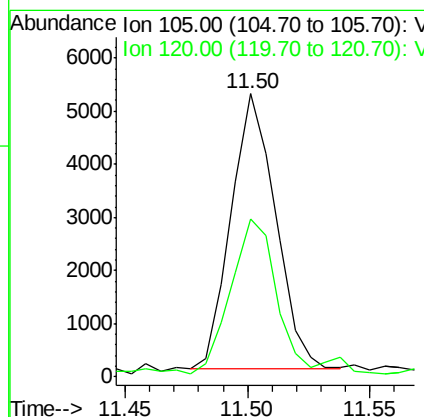
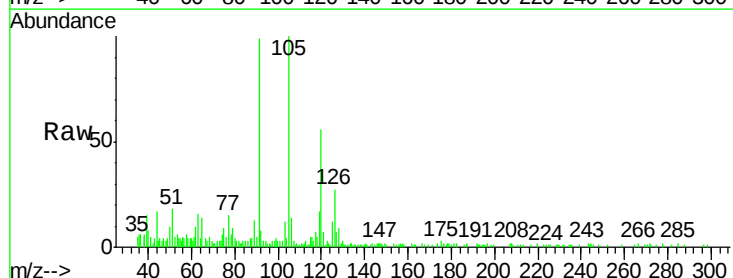
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

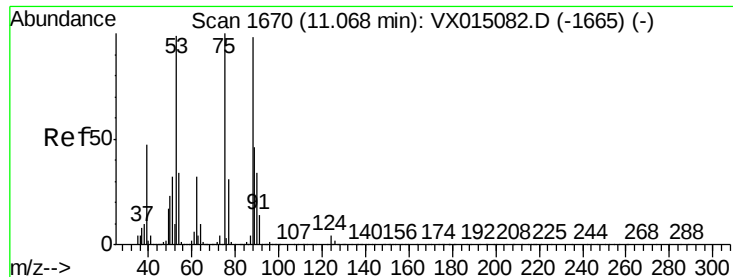
Tgt Ion: 91 Resp: 6837
Ion Ratio Lower Upper
91 100
126 37.2 17.3 52.0



#80
1,3,5-Trimethylbenzene
Concen: 0.477 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX015090.D
Acq: 04 Mar 2020 16:19

Tgt Ion: 105 Resp: 6564
Ion Ratio Lower Upper
105 100
120 60.7 25.1 75.4

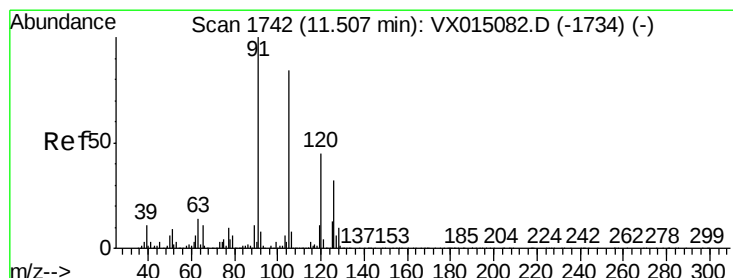
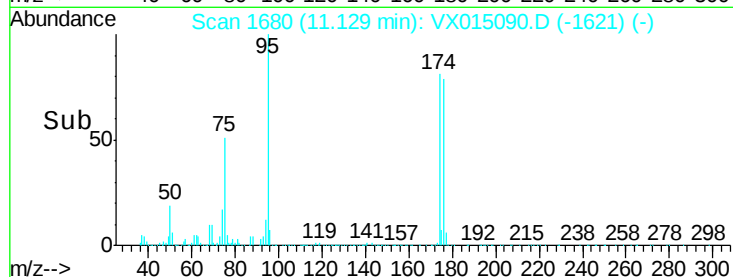
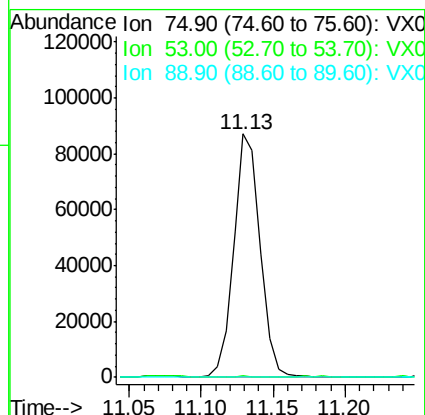
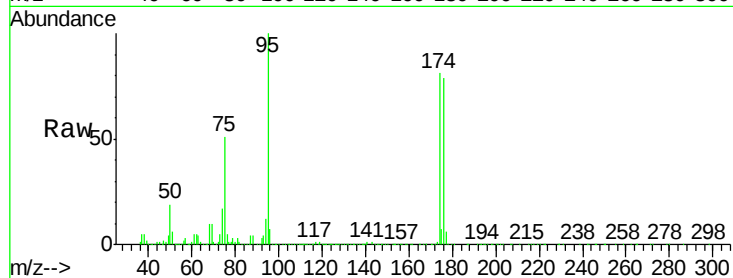




#81
trans-1,4-Dichloro-2-butene
Concen: 60.988 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.06 min
Lab File: VX015090.D
Acq: 04 Mar 2020 16:19

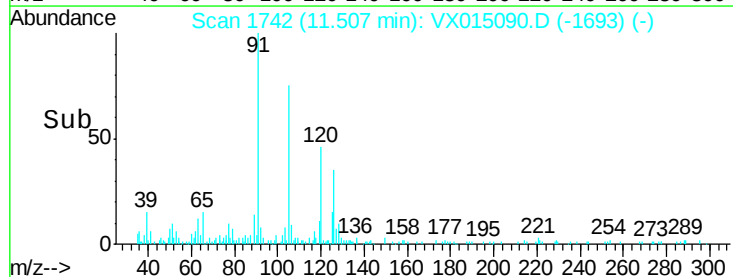
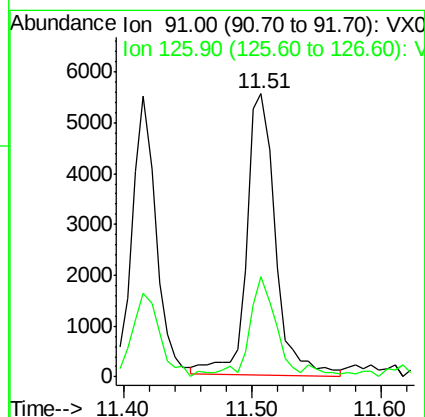
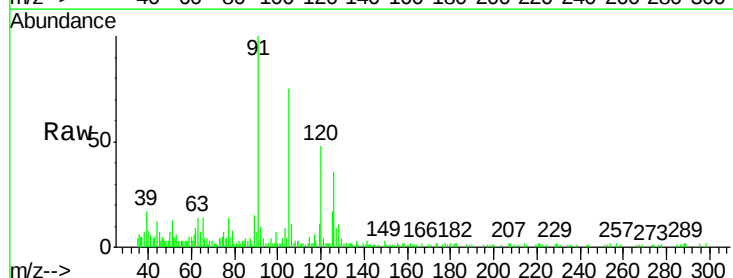
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

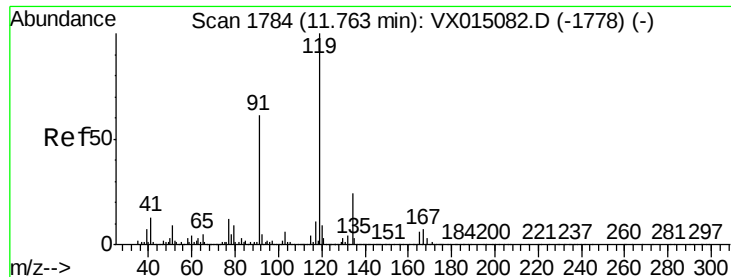
Tgt Ion: 75 Resp: 111022
Ion Ratio Lower Upper
75 100
53 0.3 77.9 116.9#
89 0.1 36.2 54.2#



#82
4-Chlorotoluene
Concen: 0.640 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX015090.D
Acq: 04 Mar 2020 16:19

Tgt Ion: 91 Resp: 8532
Ion Ratio Lower Upper
91 100
126 28.0 15.4 46.2

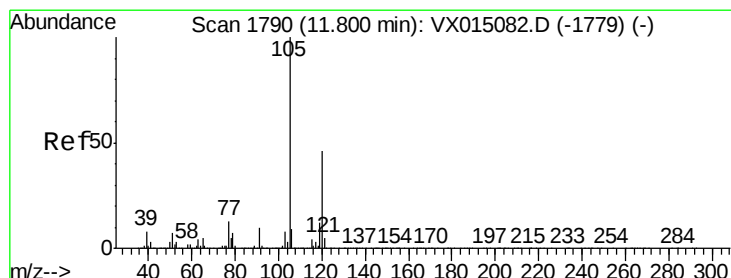
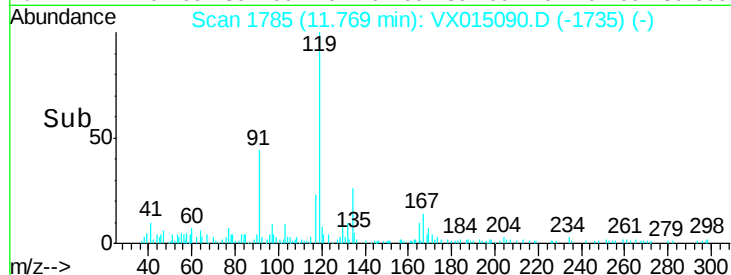
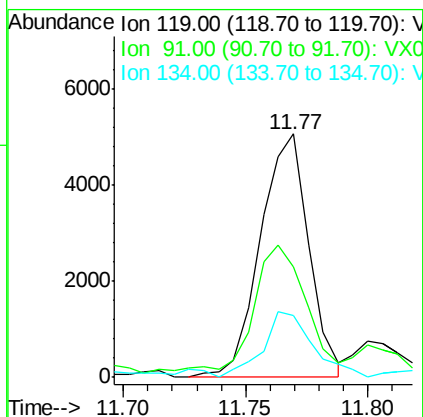
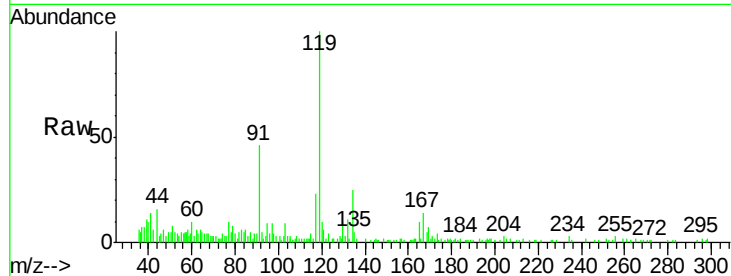




#83
 tert-Butylbenzene
 Concen: 0.522 ug/l
 RT: 11.77 min Scan# 1785
 Delta R.T. 0.01 min
 Lab File: VX015090.D
 Acq: 04 Mar 2020 16:19

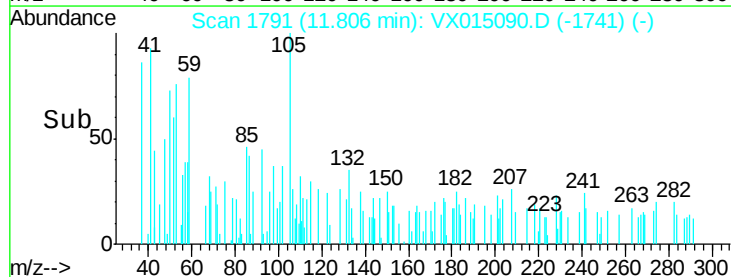
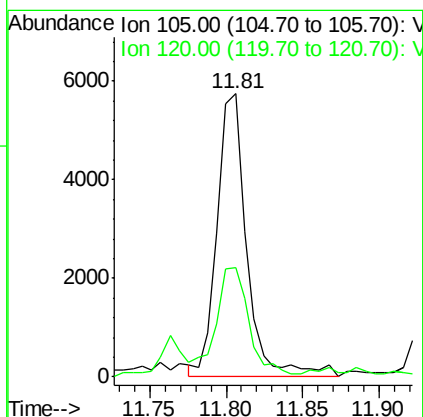
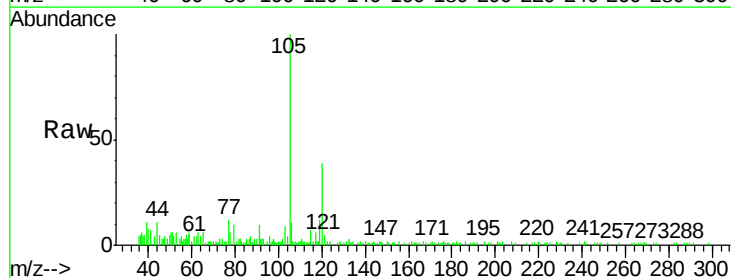
Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2020

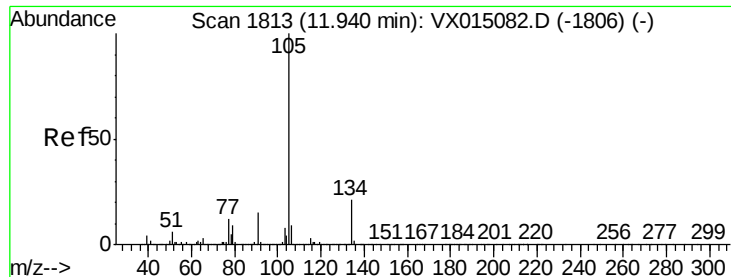
Tgt Ion:119 Resp: 6958
 Ion Ratio Lower Upper
 119 100
 91 57.4 28.5 85.6
 134 27.8 11.9 35.7



#84
 1,2,4-Trimethylbenzene
 Concen: 0.561 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. 0.01 min
 Lab File: VX015090.D
 Acq: 04 Mar 2020 16:19

Tgt Ion:105 Resp: 7759
 Ion Ratio Lower Upper
 105 100
 120 43.7 22.9 68.5

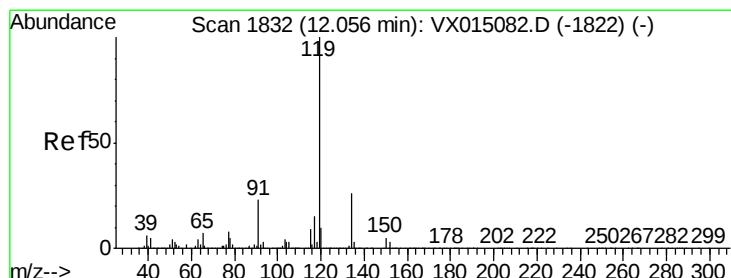
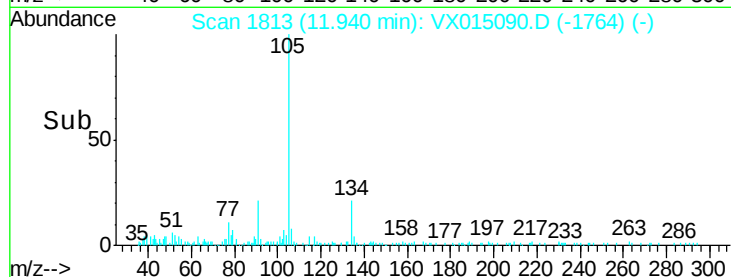
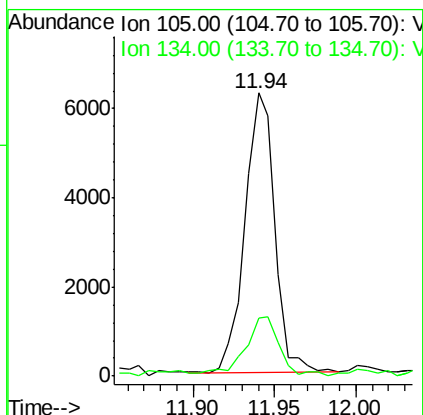
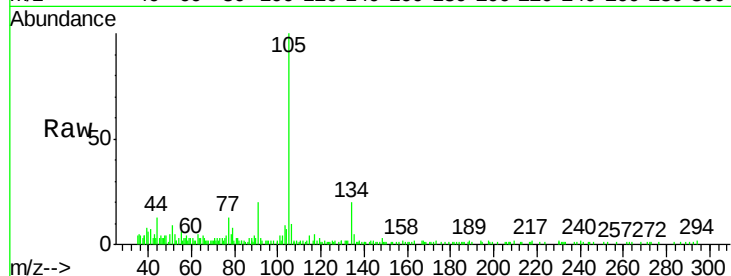




#85
 sec-Butylbenzene
 Concen: 0.504 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX015090.D
 Acq: 04 Mar 2020 16:19

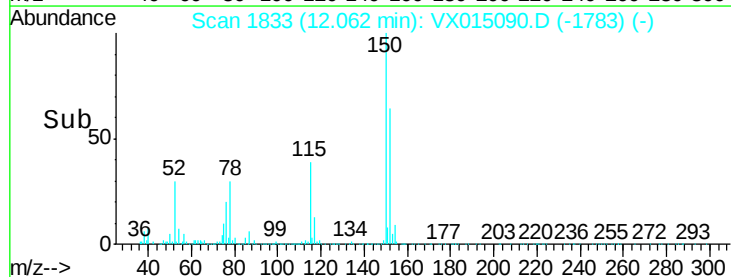
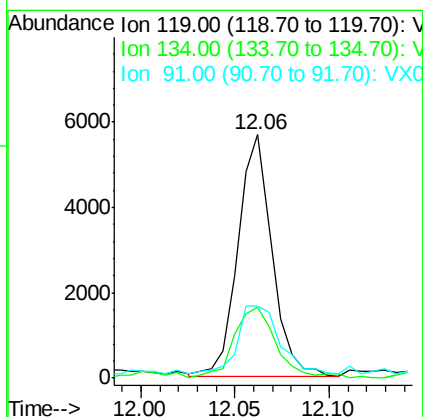
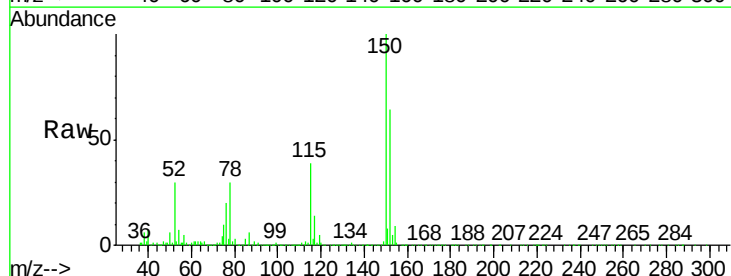
Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2020

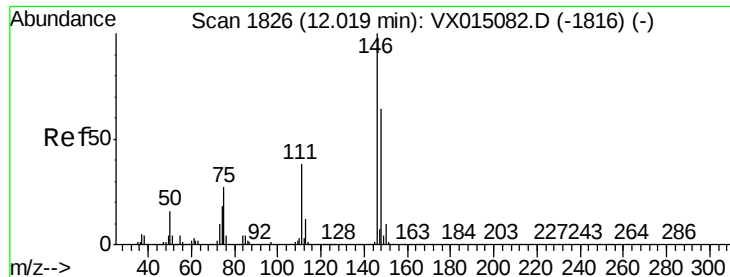
Tgt Ion:105 Resp: 8108
 Ion Ratio Lower Upper
 105 100
 134 24.6 10.4 31.2



#86
 p-Isopropyltoluene
 Concen: 0.478 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.01 min
 Lab File: VX015090.D
 Acq: 04 Mar 2020 16:19

Tgt Ion:119 Resp: 7086
 Ion Ratio Lower Upper
 119 100
 134 37.1 13.4 40.1
 91 35.5 11.3 33.8#





#87

1,3-Dichlorobenzene

Concen: 0.677 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

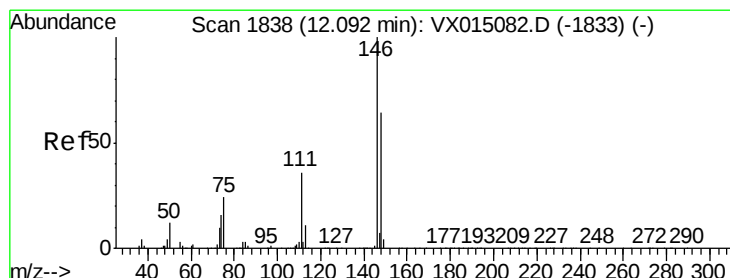
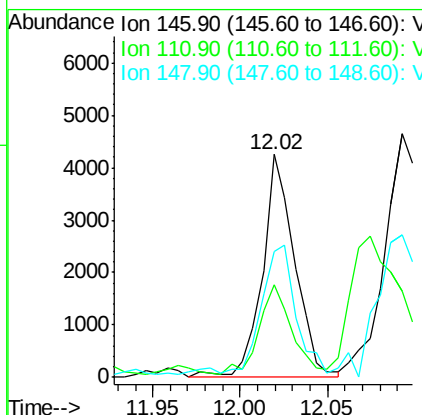
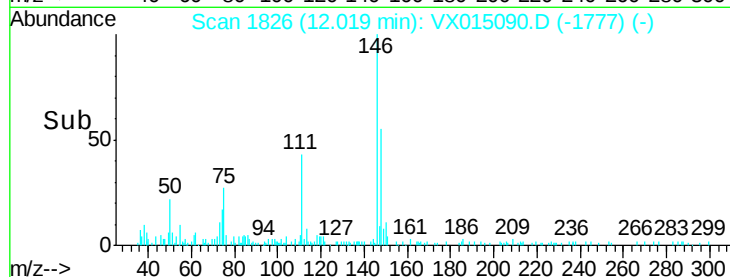
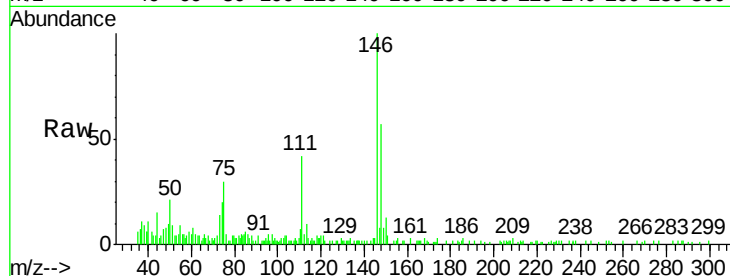
Lab File: VX015090.D

Acq: 04 Mar 2020 16:19

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

Tgt Ion:146 Resp: 5484

Ion	Ratio	Lower	Upper
146	100		
111	40.0	19.1	57.1
148	61.0	31.9	95.5



#88

1,4-Dichlorobenzene

Concen: 0.655 ug/l

RT: 12.02 min Scan# 1826

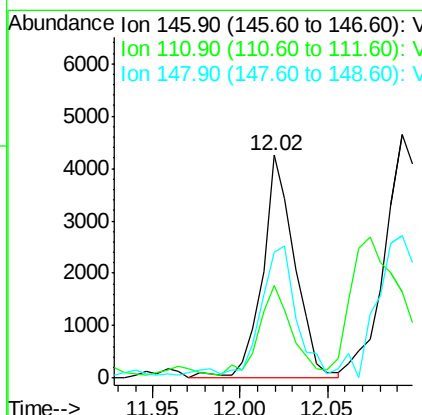
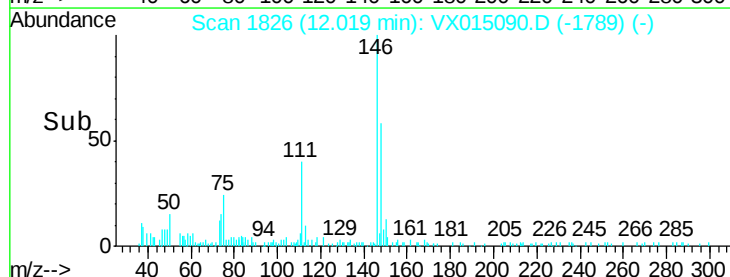
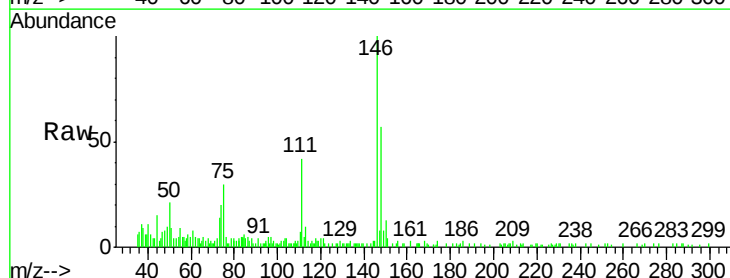
Delta R.T. -0.07 min

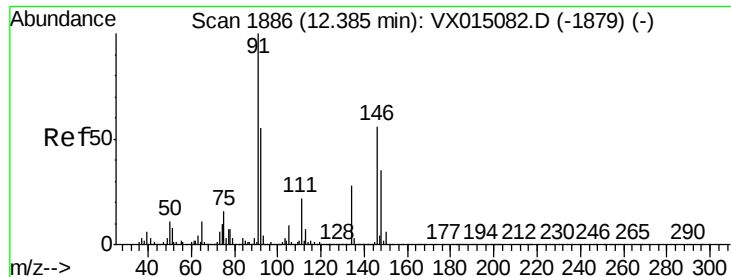
Lab File: VX015090.D

Acq: 04 Mar 2020 16:19

Tgt Ion:146 Resp: 5484

Ion	Ratio	Lower	Upper
146	100		
111	40.0	18.7	56.1
148	61.0	32.5	97.4





#89

n-Butylbenzene

Concen: 0.541 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX015090.D

Acq: 04 Mar 2020 16:19

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

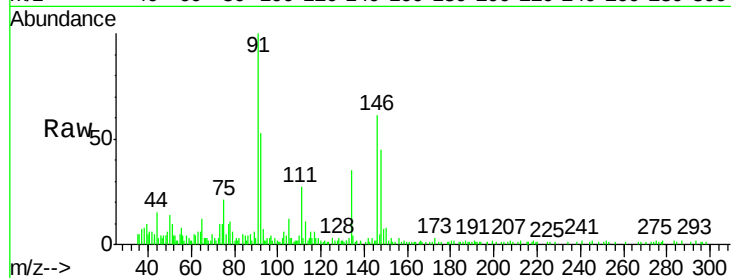
Tgt Ion: 91 Resp: 7122

Ion Ratio Lower Upper

91 100

92 60.4 27.2 81.6

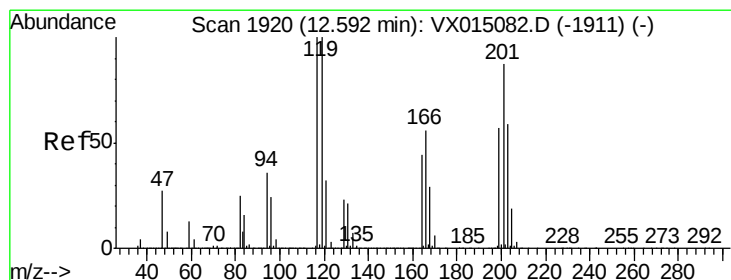
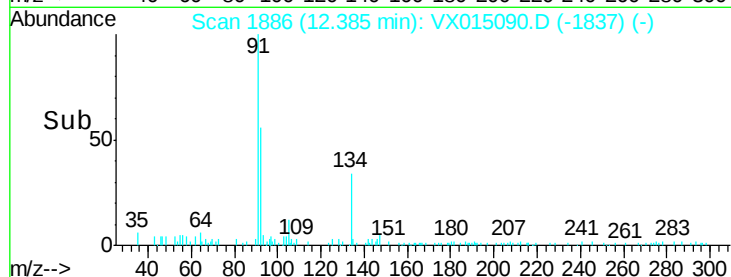
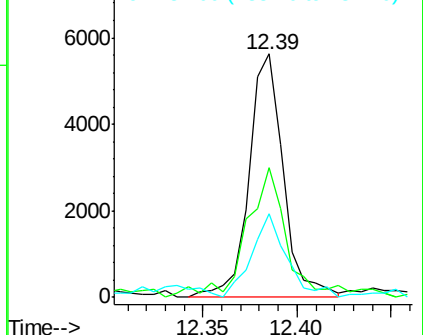
134 35.3 13.5 40.5



Abundance Ion 91.00 (90.70 to 91.70): VX015082.D (-1879) (-)

Ion 92.00 (91.70 to 92.70): VX015082.D (-1879) (-)

Ion 134.00 (133.70 to 134.70): VX015082.D (-1879) (-)



#90

Hexachloroethane

Concen: 0.574 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX015090.D

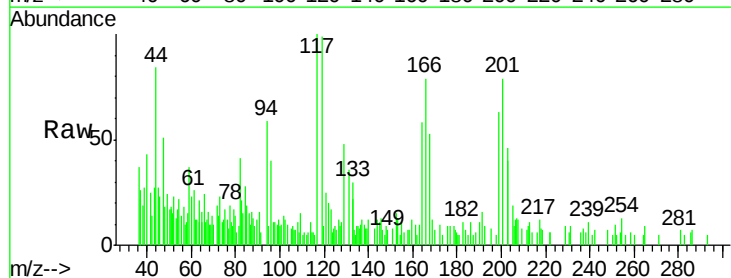
Acq: 04 Mar 2020 16:19

Tgt Ion: 117 Resp: 1607

Ion Ratio Lower Upper

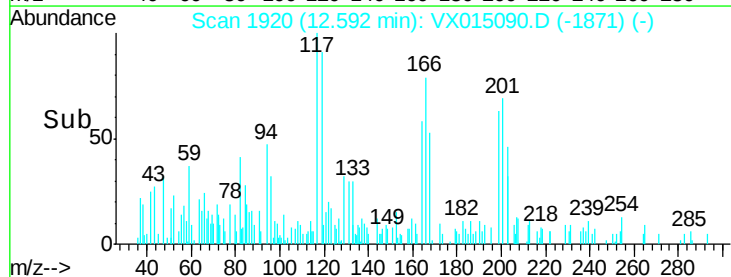
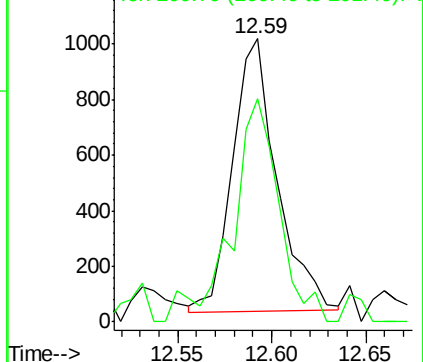
117 100

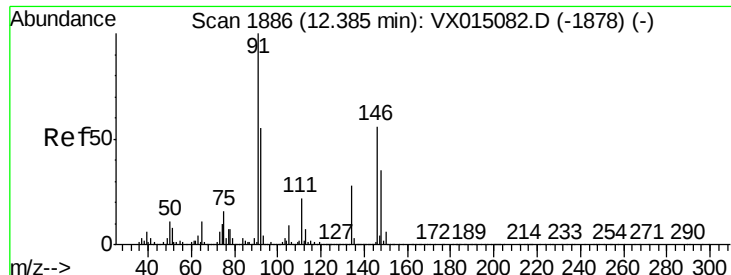
201 86.0 43.5 130.7



Abundance Ion 116.80 (116.50 to 117.50): VX015082.D (-1911) (-)

Ion 200.70 (200.40 to 201.40): VX015082.D (-1911) (-)

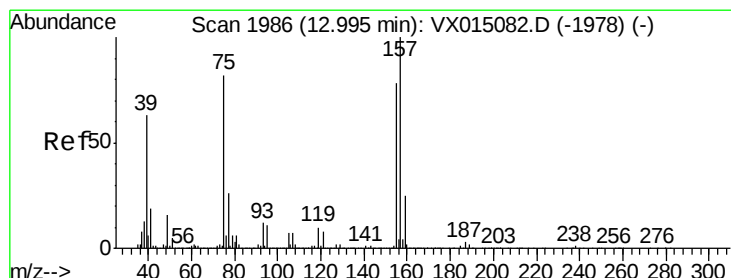
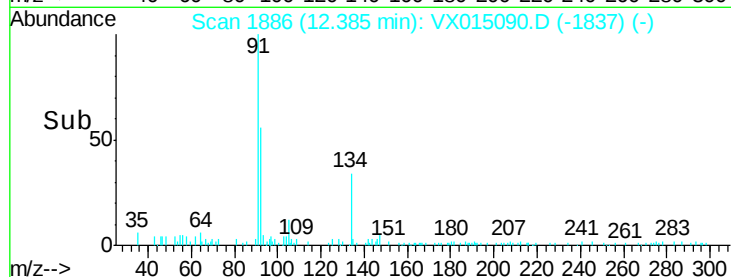
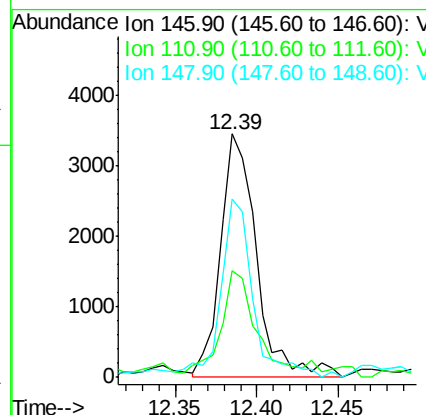
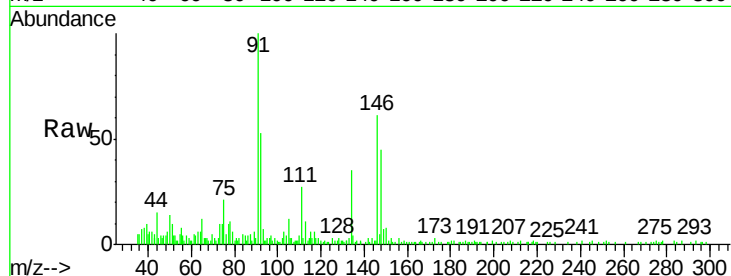




#91
 1,2-Dichlorobenzene
 Concen: 0.660 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX015090.D
 Acq: 04 Mar 2020 16:19

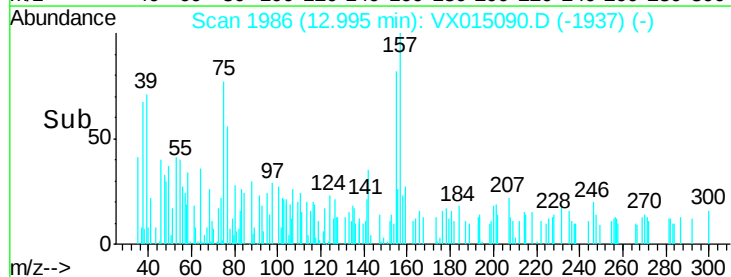
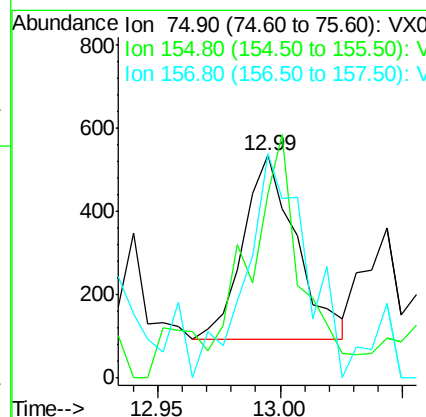
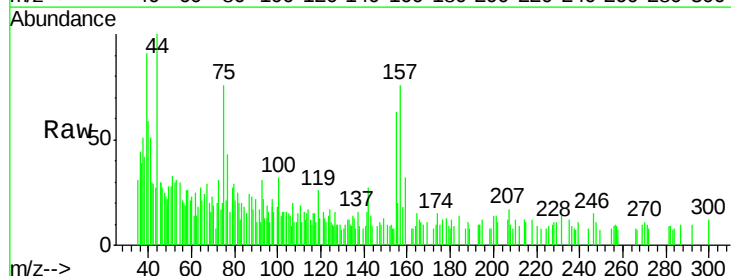
Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2020

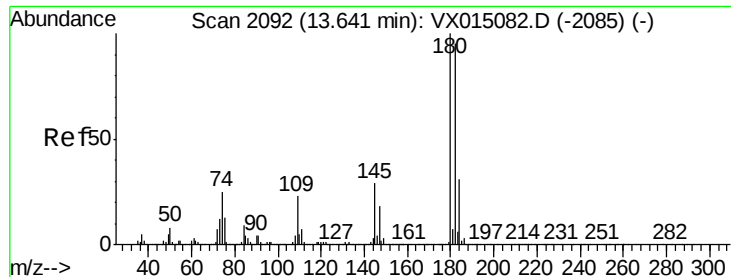
Tgt Ion: 146 Resp: 5321
 Ion Ratio Lower Upper
 146 100
 111 38.5 19.9 59.7
 148 68.8 32.3 96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.600 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX015090.D
 Acq: 04 Mar 2020 16:19

Tgt Ion: 75 Resp: 662
 Ion Ratio Lower Upper
 75 100
 155 130.4 46.6 139.7
 157 145.0 59.2 177.5

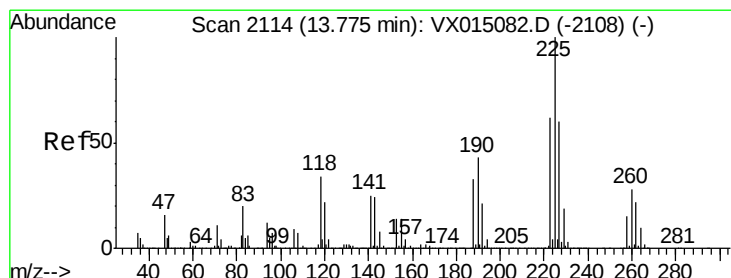
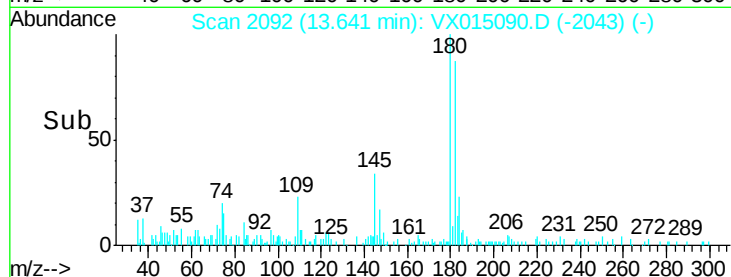
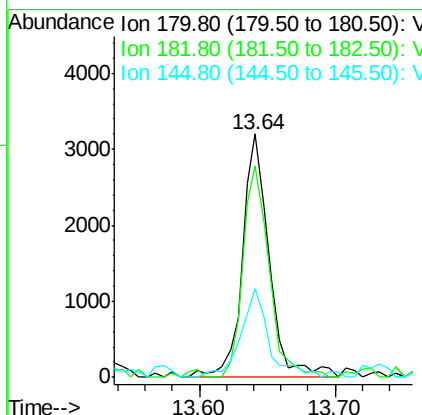
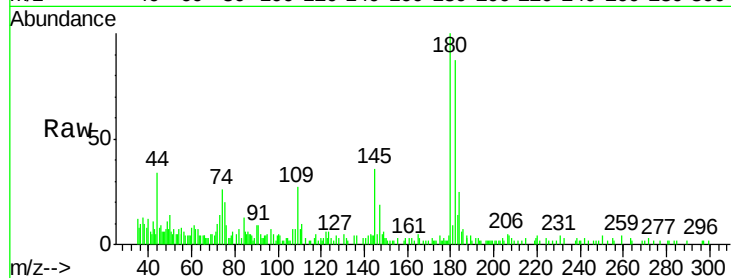




#93
 1,2,4-Trichlorobenzene
 Concen: 0.789 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX015090.D
 Acq: 04 Mar 2020 16:19

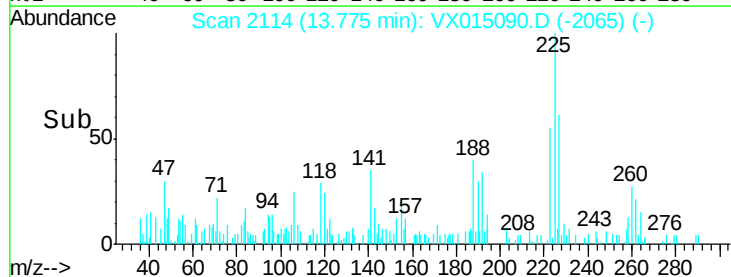
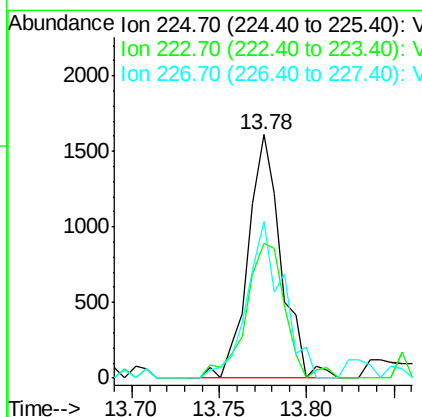
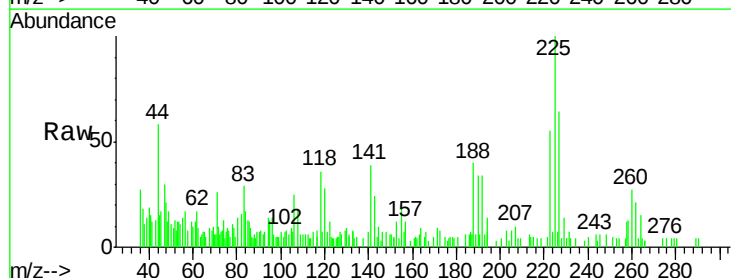
Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2020

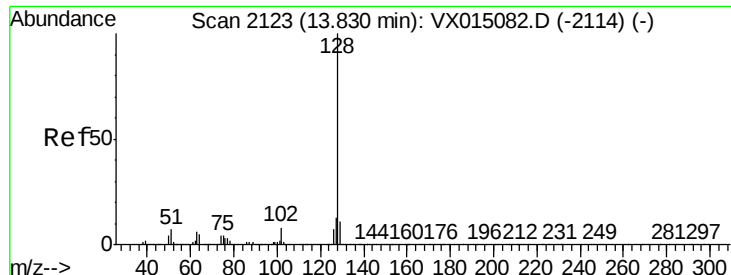
Tgt Ion:180 Resp: 4413
 Ion Ratio Lower Upper
 180 100
 182 84.5 47.6 142.8
 145 38.1 14.1 42.2



#94
 Hexachlorobutadiene
 Concen: 0.735 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX015090.D
 Acq: 04 Mar 2020 16:19

Tgt Ion:225 Resp: 2109
 Ion Ratio Lower Upper
 225 100
 223 66.0 31.3 93.9
 227 70.0 31.1 93.2

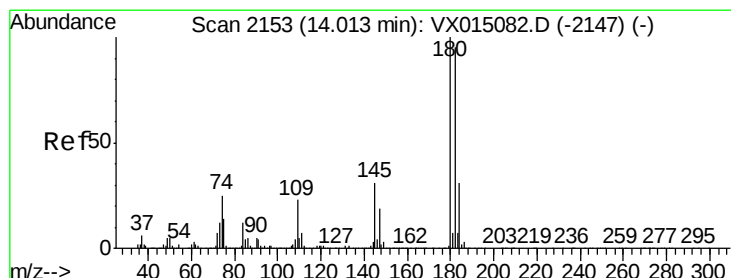
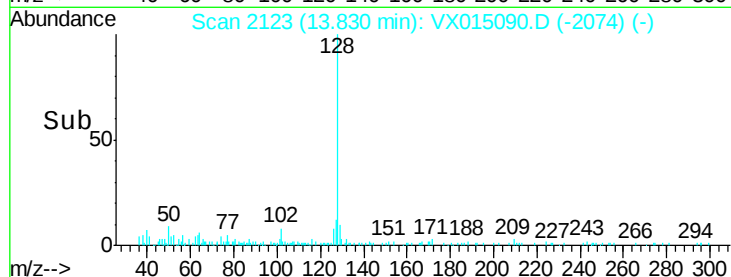
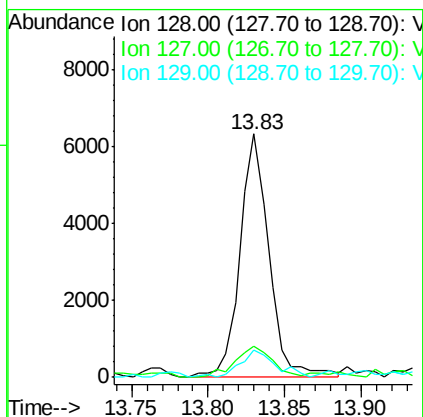
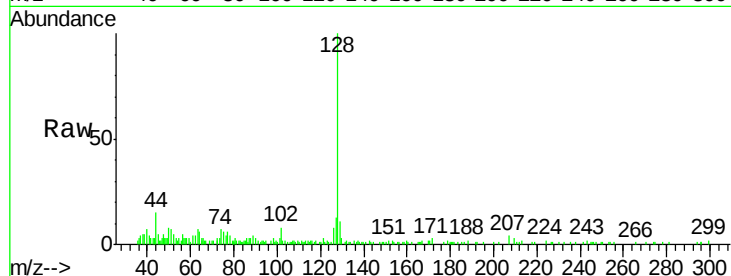




#95
Naphthalene
Concen: 0.548 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX015090.D
Acq: 04 Mar 2020 16:19

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

Tgt Ion:128 Resp: 8383
Ion Ratio Lower Upper
128 100
127 16.1 10.3 15.5#
129 13.5 8.6 13.0#



#96
1,2,3-Trichlorobenzene
Concen: 0.650 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX015090.D
Acq: 04 Mar 2020 16:19

Tgt Ion:180 Resp: 3626
Ion Ratio Lower Upper
180 100
182 94.8 47.8 143.4
145 34.3 15.1 45.3

