

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX030520\
 Data File : VX015101.D
 Acq On : 05 Mar 2020 11:03
 Operator : JC/SP
 Sample : L1161-07 .5PPB MDL
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Mar 06 03:04:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 06 03:01:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	353904	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	546094	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	500067	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	242980	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	217884	51.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.78%	
35) Dibromofluoromethane	5.49	113	173026	50.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.44%	
50) Toluene-d8	8.71	98	652269	49.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.54%	
62) 4-Bromofluorobenzene	11.13	95	220808	47.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.48%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.19	85	1816	0.586 ug/l	90
3) Chloromethane	1.32	50	2730	0.622 ug/l	92
4) Vinyl Chloride	1.40	62	3602	0.809 ug/l	92
5) Bromomethane	1.65	94	2586	0.945 ug/l	100
6) Chloroethane	1.72	64	2098	0.786 ug/l	98
7) Trichlorofluoromethane	1.93	101	3291	0.621 ug/l	94
8) Diethyl Ether	2.18	74	1321	0.551 ug/l	75
9) 1,1,2-Trichlorotrifluoroet	2.39	101	1845	0.554 ug/l #	77
10) Methyl Iodide	2.51	142	2410	0.640 ug/l #	63
11) Tert butyl alcohol	3.01	59	5827	7.999 ug/l #	72
12) 1,1-Dichloroethene	2.37	96	2073	0.603 ug/l	85
13) Acrolein	2.28	56	2128	3.108 ug/l #	76
14) Allyl chloride	2.72	41	4154	0.693 ug/l	92
15) Acrylonitrile	3.14	53	4489	2.474 ug/l	90
16) Acetone	2.44	43	6930	4.076 ug/l	98
17) Carbon Disulfide	2.56	76	6110	0.640 ug/l #	91
18) Methyl Acetate	2.76	43	2961	0.712 ug/l #	69
19) Methyl tert-butyl Ether	3.19	73	6306	0.587 ug/l	92
20) Methylene Chloride	2.85	84	3548	0.892 ug/l #	91
21) trans-1,2-Dichloroethene	3.16	96	2336	0.636 ug/l #	78
22) Diisopropyl ether	3.85	45	5243	0.439 ug/l	87
23) Vinyl Acetate	3.81	43	21972	2.237 ug/l #	93
24) 1,1-Dichloroethane	3.69	63	3619	0.546 ug/l #	82
25) 2-Butanone	4.68	43	7662	3.078 ug/l	93
26) 2,2-Dichloropropane	4.57	77	2760	0.524 ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	2784	0.676 ug/l	76
29) Tetrahydrofuran	5.14	42	3648	2.273 ug/l #	67
30) Chloroform	5.20	83	4091	0.633 ug/l	92
31) Cyclohexane	5.58	56	2176	0.368 ug/l #	87
32) 1,1,1-Trichloroethane	5.47	97	1218	0.227 ug/l #	22
36) 1,1-Dichloropropene	5.79	75	1367	0.271 ug/l #	34
37) Ethyl Acetate	4.84	43	1745	0.373 ug/l #	79
38) Carbon Tetrachloride	5.78	117	3104	0.651 ug/l #	67
39) Methylcyclohexane	7.47	83	3772	0.640 ug/l #	64

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX030520\
 Data File : VX015101.D
 Acq On : 05 Mar 2020 11:03
 Operator : JC/SP
 Sample : L1161-07 .5PPB MDL
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Mar 06 03:04:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 06 03:01:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Benzene	6.14	78	7636	0.510	ug/l	99
41) Methacrylonitrile	5.03	41	1680	0.597	ug/l #	32
42) 1,2-Dichloroethane	6.19	62	3349	0.651	ug/l #	67
43) Isopropyl Acetate	6.44	43	5031	0.611	ug/l #	73
44) Trichloroethene	7.20	130	3106	0.745	ug/l	77
45) 1,2-Dichloropropane	7.51	63	1918	0.495	ug/l #	81
46) Dibromomethane	7.66	93	2418	0.957	ug/l #	81
47) Bromodichloromethane	7.89	83	2642	0.529	ug/l #	94
48) Methyl methacrylate	7.77	41	1692	0.404	ug/l #	89
49) 1,4-Dioxane	7.75	88	906	9.994	ug/l #	56
51) 4-Methyl-2-Pentanone	8.64	43	10848	2.227	ug/l	98
52) Toluene	8.78	92	5274	0.576	ug/l	92
53) t-1,3-Dichloropropene	9.04	75	2573	0.484	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	2938	0.489	ug/l #	83
55) 1,1,2-Trichloroethane	9.21	97	2158	0.573	ug/l	96
56) Ethyl methacrylate	9.18	69	2208	0.411	ug/l #	72
57) 1,3-Dichloropropane	9.37	76	4052	0.639	ug/l	96
58) 2-Chloroethyl Vinyl ether	8.31	63	6994	2.388	ug/l	98
59) 2-Hexanone	9.49	43	9082	2.516	ug/l	85
60) Dibromochloromethane	9.57	129	2148	0.542	ug/l	97
61) 1,2-Dibromoethane	9.67	107	2392	0.604	ug/l	90
64) Tetrachloroethene	9.33	164	2843	0.688	ug/l	90
65) Chlorobenzene	10.14	112	5625	0.560	ug/l	94
66) 1,1,1,2-Tetrachloroethane	10.21	131	2296	0.606	ug/l #	61
67) Ethyl Benzene	10.25	91	9092	0.533	ug/l	94
68) m/p-Xylenes	10.36	106	6379	0.983	ug/l	92
69) o-Xylene	10.70	106	2948	0.475	ug/l	99
70) Stvrene	10.71	104	4422	0.415	ug/l #	83
71) Bromoform	10.85	173	1547	0.527	ug/l #	86
73) Isopropylbenzene	11.01	105	6891	0.444	ug/l	90
74) N-amyl acetate	10.90	43	2891	0.442	ug/l #	94
75) 1,1,2,2-Tetrachloroethane	11.26	83	3363	0.650	ug/l #	94
76) 1,2,3-Trichloropropane	11.13	75	109846	22.664	ug/l #	34
77) Bromobenzene	11.25	156	2619	0.605	ug/l	90
78) n-propylbenzene	11.35	91	8377	0.472	ug/l	79
79) 2-Chlorotoluene	11.42	91	6439	0.608	ug/l	96
80) 1,3,5-Trimethylbenzene	11.50	105	5624	0.435	ug/l	94
81) trans-1,4-Dichloro-2-buten	11.13	75	109846	64.321	ug/l #	11
82) 4-Chlorotoluene	11.51	91	7526	0.602	ug/l	96
83) tert-Butylbenzene	11.76	119	6069	0.486	ug/l	92
84) 1,2,4-Trimethylbenzene	11.81	105	5855	0.451	ug/l	90
85) sec-Butylbenzene	11.94	105	7749	0.514	ug/l	93
86) p-Isopropyltoluene	12.06	119	5877	0.423	ug/l #	66
87) 1,3-Dichlorobenzene	12.03	146	4937	0.649	ug/l	99
88) 1,4-Dichlorobenzene	12.03	146	4937	0.629	ug/l	99
89) n-Butylbenzene	12.38	91	6292	0.509	ug/l	93
90) Hexachloroethane	12.59	117	1599	0.609	ug/l	89
91) 1,2-Dichlorobenzene	12.39	146	4739	0.627	ug/l	98
93) 1,2,4-Trichlorobenzene	13.64	180	3830	0.730	ug/l	88
94) Hexachlorobutadiene	13.78	225	1794	0.666	ug/l	93

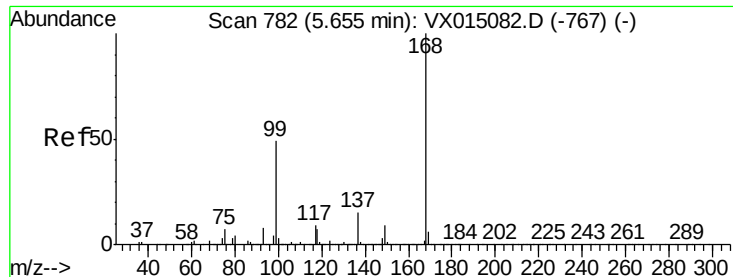
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX030520\
Data File : VX015101.D
Acq On : 05 Mar 2020 11:03
Operator : JC/SP
Sample : L1161-07 .5PPB MDL
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Mar 06 03:04:59 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 06 03:01:48 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	13.83	128	6541	0.456	ug/l #	93
96) 1,2,3-Trichlorobenzene	14.01	180	3170	0.605	ug/l	96

(#) = 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: VX015101.D

Acq: 05 Mar 2020 11:03

Instrument :

MSVOA_X

ClientSampleId :

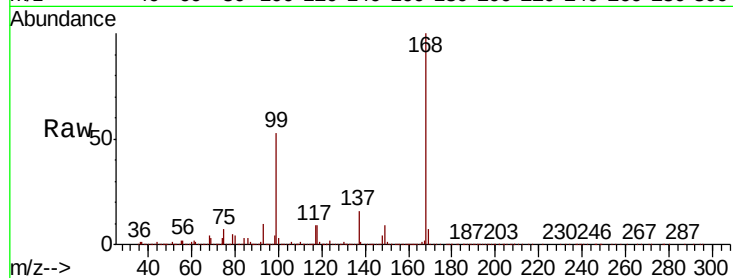
LOD-MDL-WATER-01-QT1-2020DL

Tot Ion:168 Resp: 353904

Ion Ratio Lower Upper

168 100

99 52.6 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

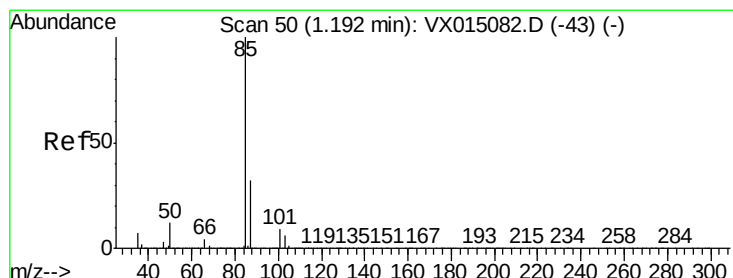
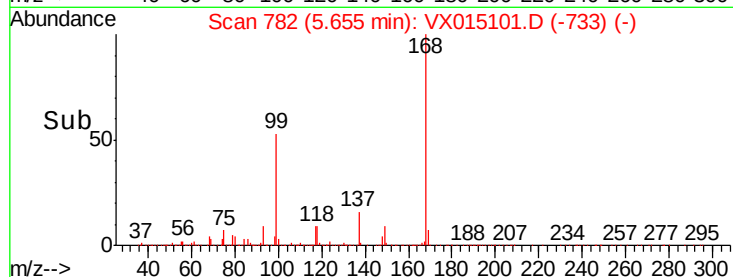
5.65

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 0.586 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX015101.D

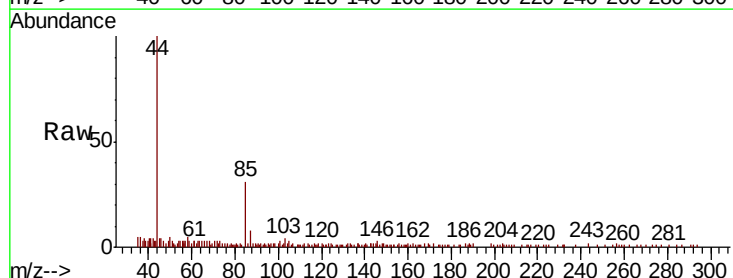
Acq: 05 Mar 2020 11:03

Tgt Ion: 85 Resp: 1816

Ion Ratio Lower Upper

85 100

87 26.7 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

2500

2000

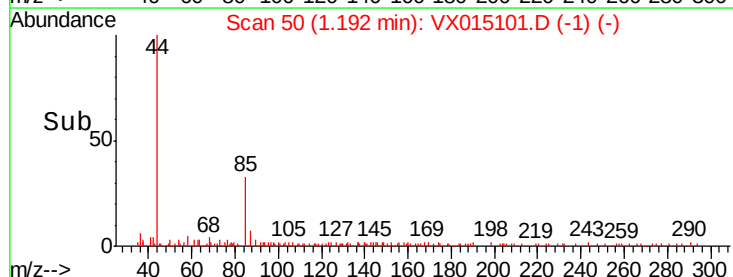
1500

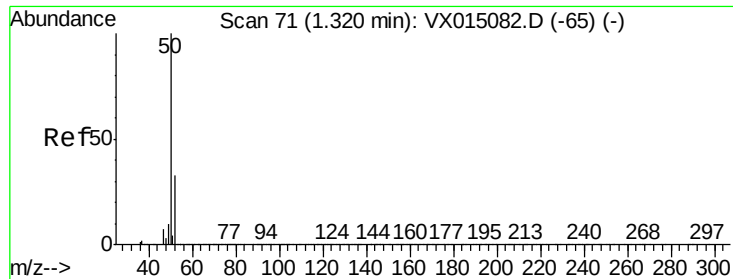
1000

500

0

Time-->





#3

Chloromethane

Concen: 0.622 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX015101.D

Acq: 05 Mar 2020 11:03

Instrument :

MSVOA_X

ClientSampleId :

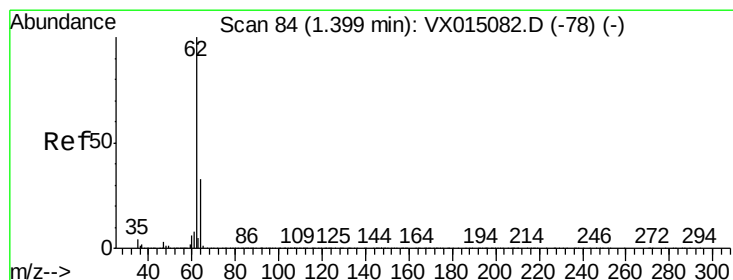
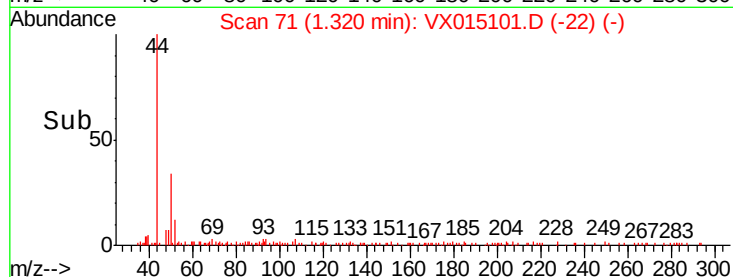
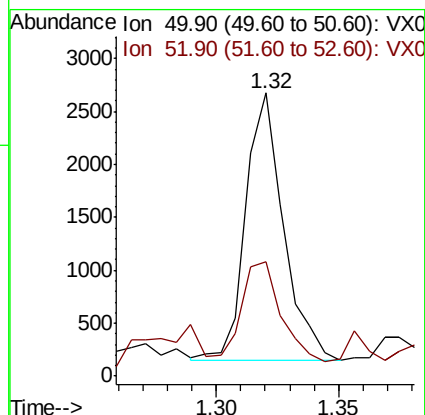
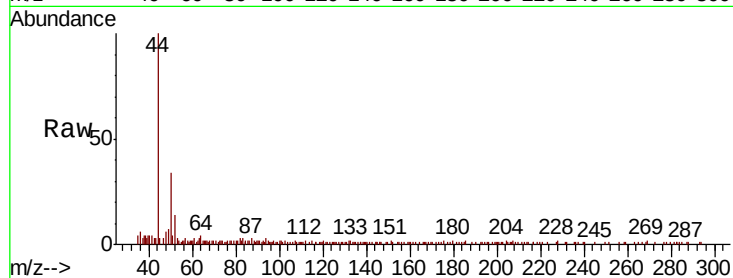
LOD-MDL-WATER-01-QT1-2020DL

Tot Ion: 50 Resp: 2730

Ion Ratio Lower Upper

50 100

52 37.0 26.2 39.2



#4

Vinyl Chloride

Concen: 0.809 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX015101.D

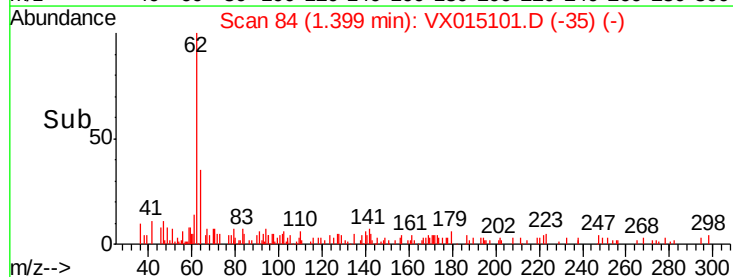
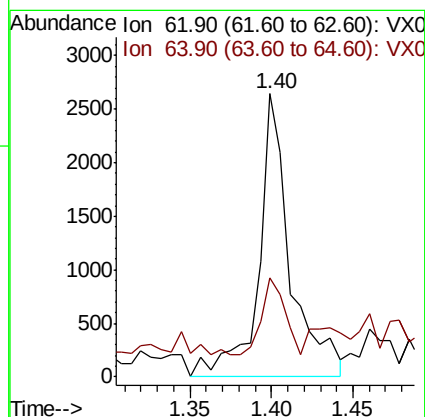
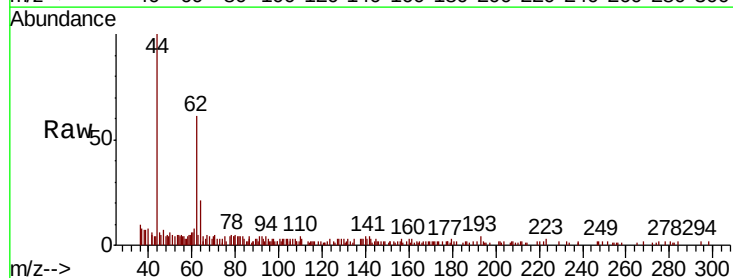
Acq: 05 Mar 2020 11:03

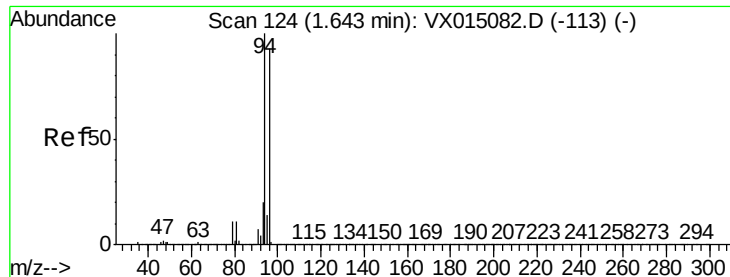
Tgt Ion: 62 Resp: 3602

Ion Ratio Lower Upper

62 100

64 27.9 26.1 39.1





#5

Bromomethane

Concen: 0.945 ug/l

RT: 1.65 min Scan# 125

Delta R.T. 0.01 min

Lab File: VX015101.D

Acq: 05 Mar 2020 11:03

Instrument :

MSVOA_X

ClientSampleId :

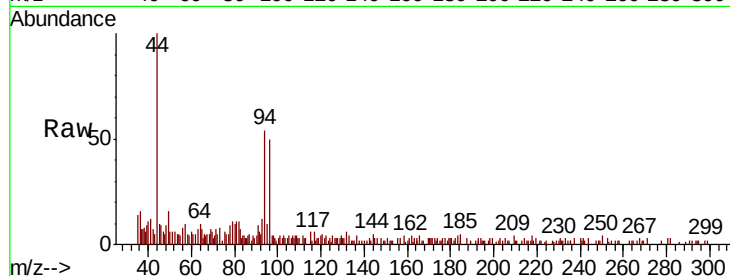
LOD-MDL-WATER-01-QT1-2020DL

Tot Ion: 94 Resp: 2586

Ion Ratio Lower Upper

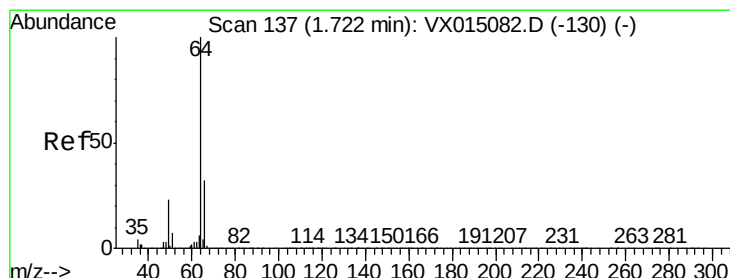
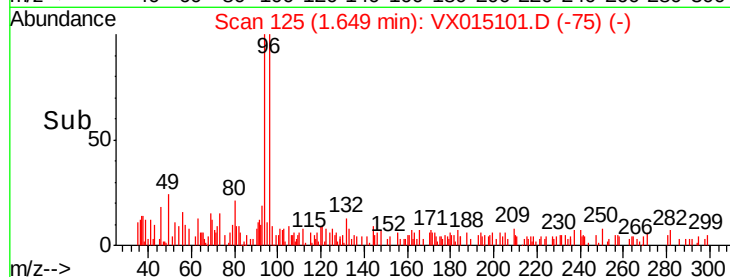
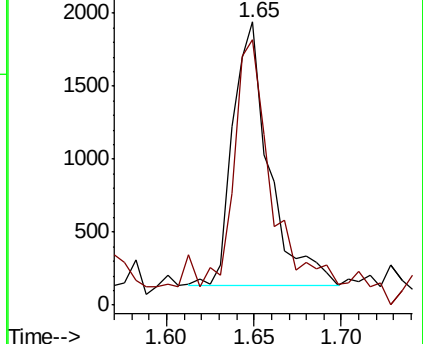
94 100

96 92.8 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: 0.786 ug/l

RT: 1.72 min Scan# 137

Delta R.T. 0.00 min

Lab File: VX015101.D

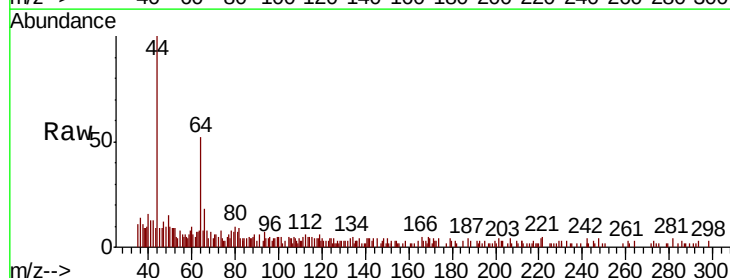
Acq: 05 Mar 2020 11:03

Tgt Ion: 64 Resp: 2098

Ion Ratio Lower Upper

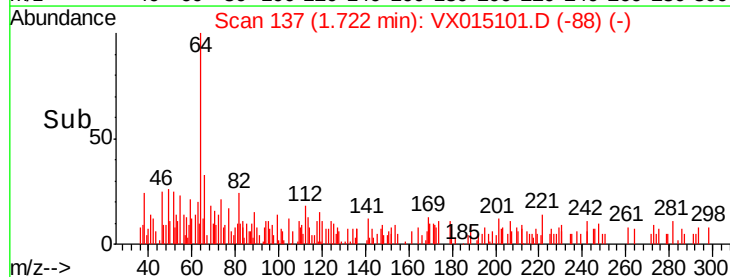
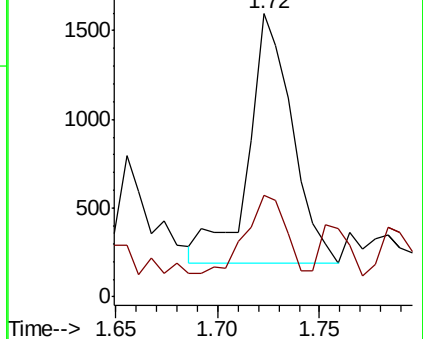
64 100

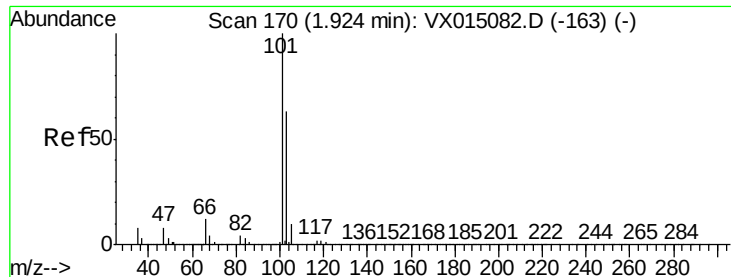
66 31.4 25.8 38.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



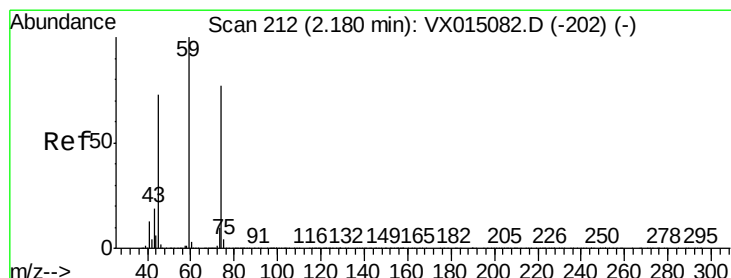
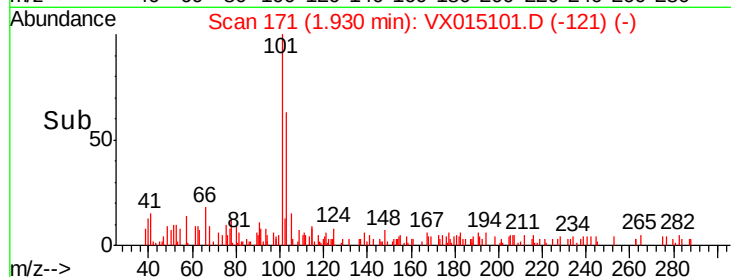
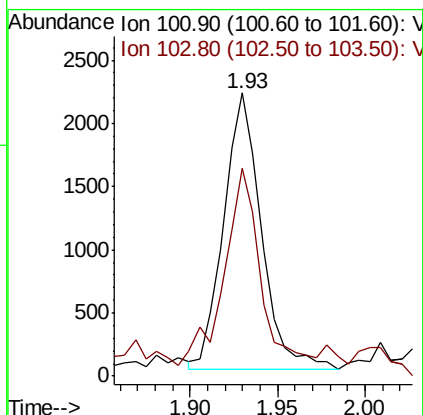
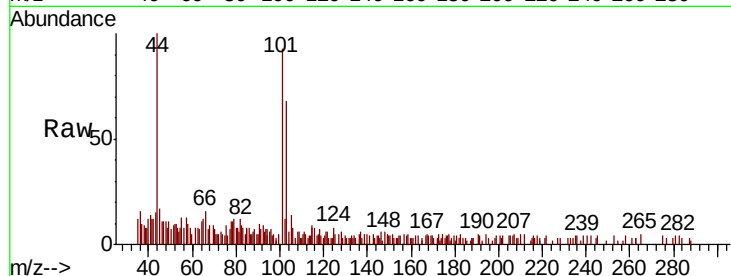


#7

Trichlorofluoromethane
Concen: 0.621 ug/l
RT: 1.93 min Scan# 171
Delta R.T. 0.01 min
Lab File: VX015101.D
Acq: 05 Mar 2020 11:03

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

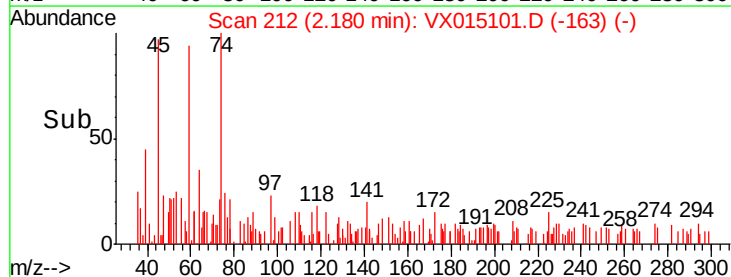
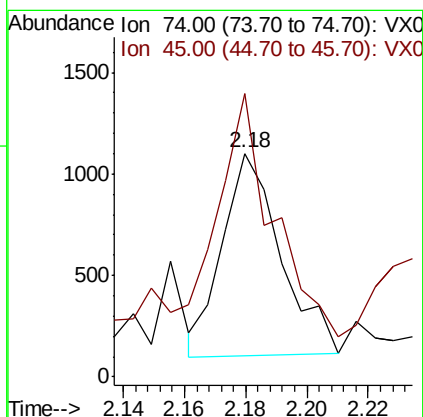
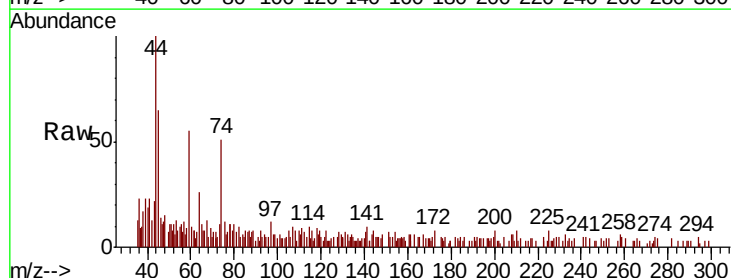
Tot Ion:101 Resp: 3291
Ion Ratio Lower Upper
101 100
103 68.0 50.4 75.6

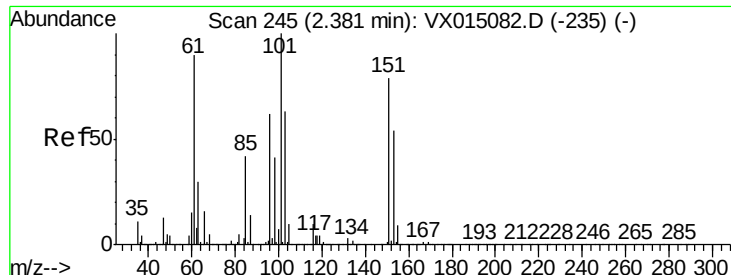


#8

Diethyl Ether
Concen: 0.551 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX015101.D
Acq: 05 Mar 2020 11:03

Tgt Ion: 74 Resp: 1321
Ion Ratio Lower Upper
74 100
45 123.5 49.2 147.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.554 ug/l

RT: 2.39 min Scan# 246

Delta R.T. 0.01 min

Lab File: VX015101.D

Acq: 05 Mar 2020 11:03

Instrument :

MSVOA_X

ClientSampleId :

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

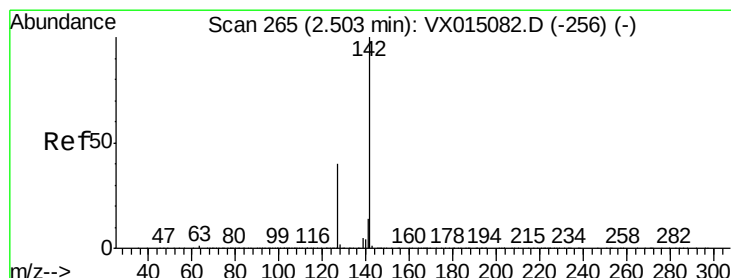
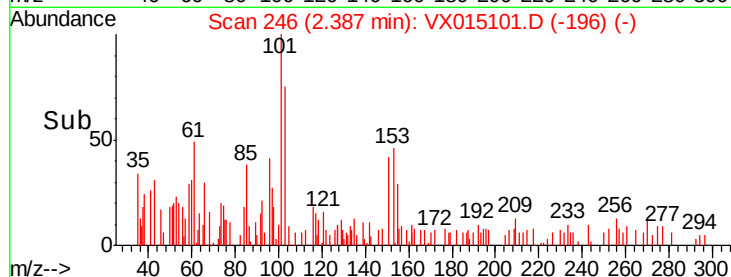
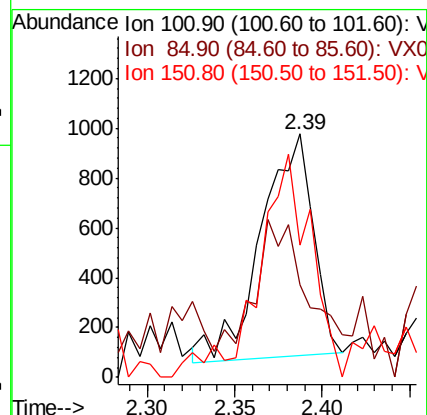
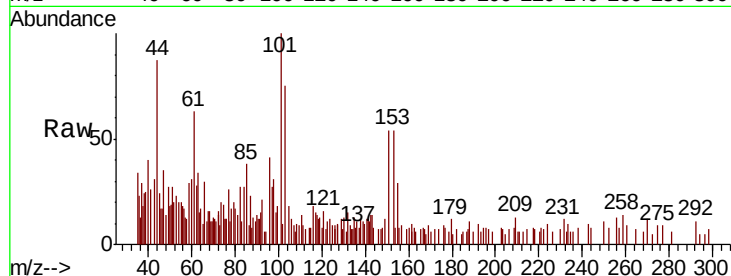
Tot Ion:101 Resp: 1845

Ion Ratio Lower Upper

101 100

85 56.6 33.7 50.5#

151 100.6 64.0 96.0#



#10

Methyl Iodide

Concen: 0.640 ug/l

RT: 2.51 min Scan# 266

Delta R.T. 0.01 min

Lab File: VX015101.D

Acq: 05 Mar 2020 11:03

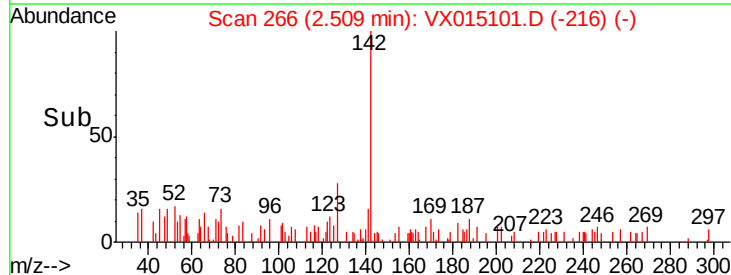
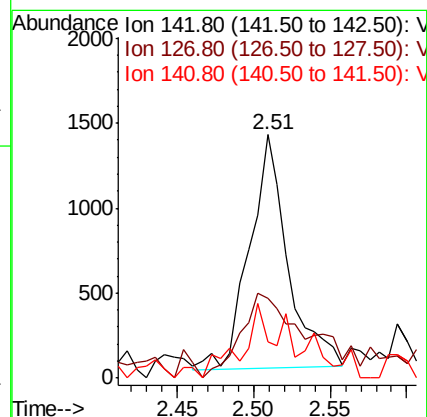
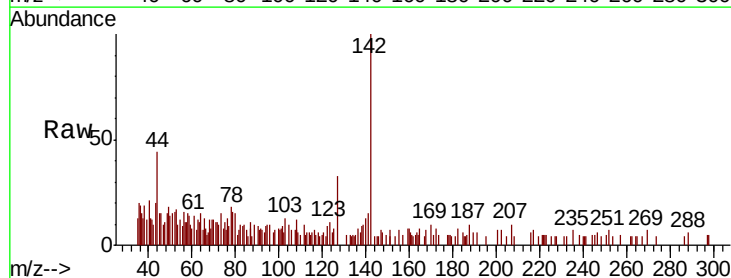
Tgt Ion:142 Resp: 2410

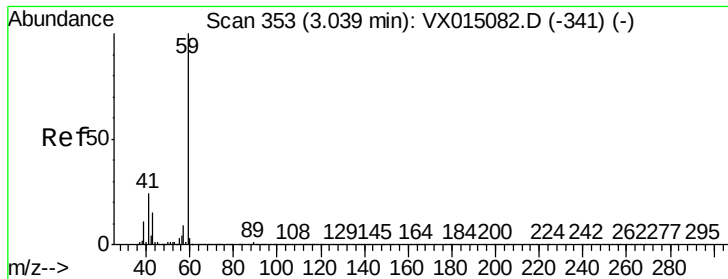
Ion Ratio Lower Upper

142 100

127 64.1 31.7 47.5#

141 25.5 11.3 16.9#

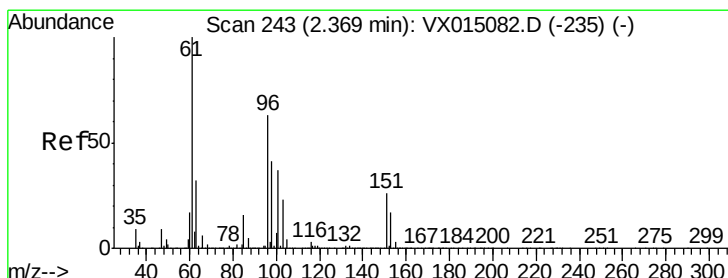
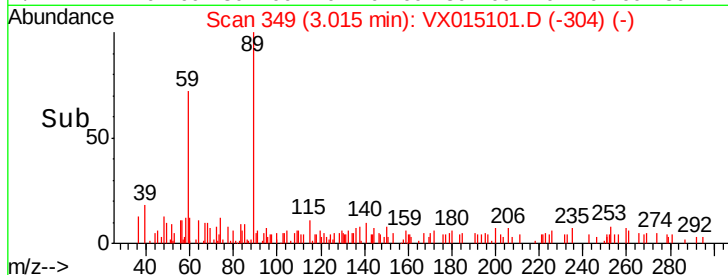
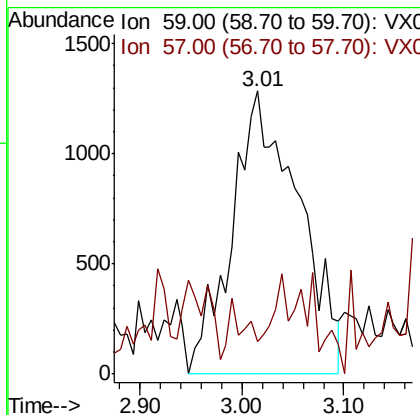
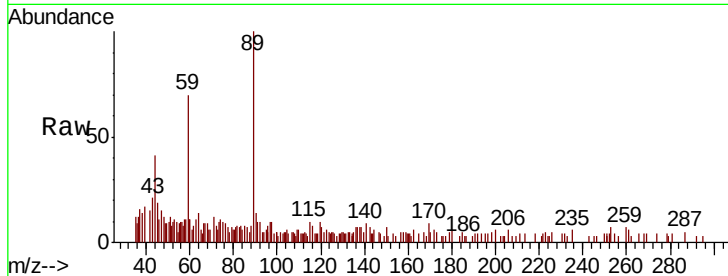




#11
Tert butyl alcohol
Concen: 7.999 ug/l
RT: 3.01 min Scan# 349
Delta R.T. -0.02 min
Lab File: VX015101.D
Acq: 05 Mar 2020 11:03

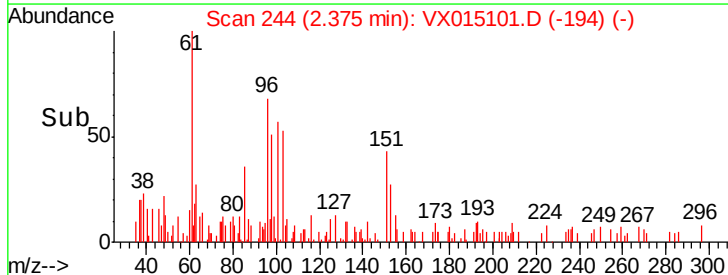
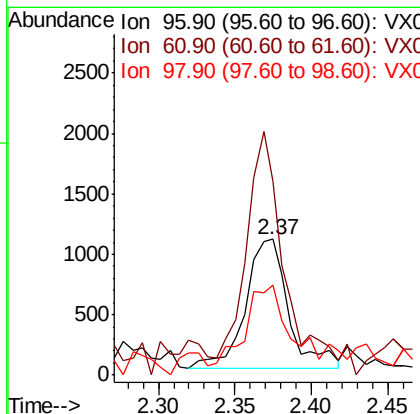
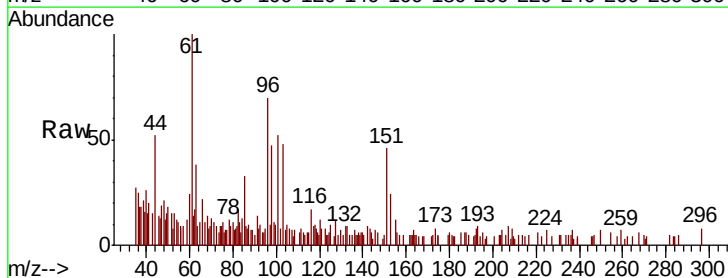
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020DL

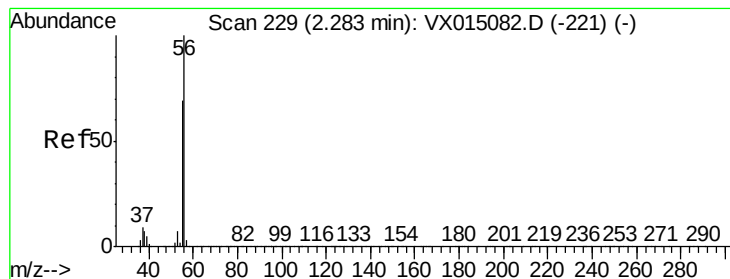
Tot Ion: 59 Resp: 5827
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#12
1,1-Dichloroethene
Concen: 0.603 ug/l
RT: 2.37 min Scan# 244
Delta R.T. 0.01 min
Lab File: VX015101.D
Acq: 05 Mar 2020 11:03

Tgt Ion: 96 Resp: 2073
Ion Ratio Lower Upper
96 100
61 138.5 126.2 189.4
98 52.6 51.4 77.0





#13

Acrolein

Concen: 3.108 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX015101.D

Acq: 05 Mar 2020 11:03

Instrument :

MSVOA_X

ClientSampleId :

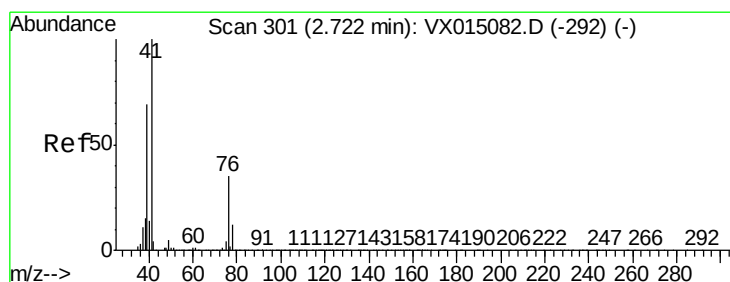
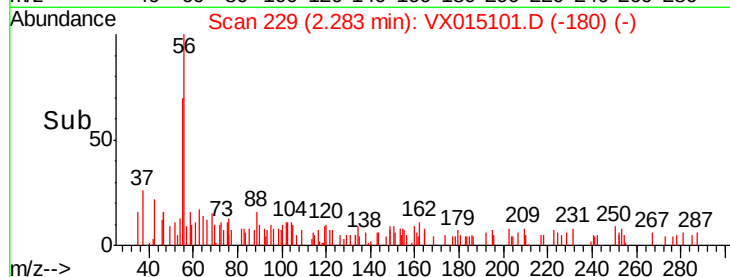
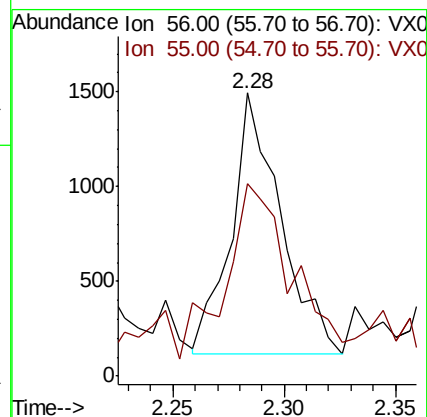
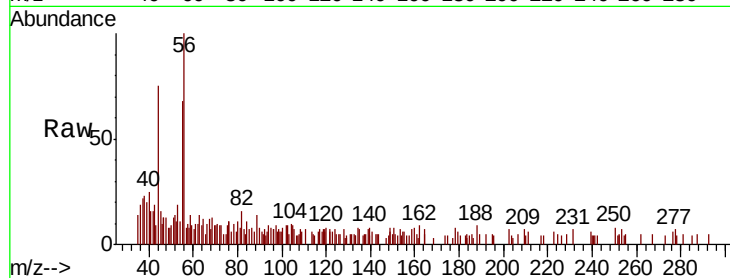
LOD-MDL-WATER-01-QT1-2020DL

Tot Ion: 56 Resp: 2128

Ion Ratio Lower Upper

56 100

55 88.7 55.4 83.0#



#14

Allyl chloride

Concen: 0.693 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.01 min

Lab File: VX015101.D

Acq: 05 Mar 2020 11:03

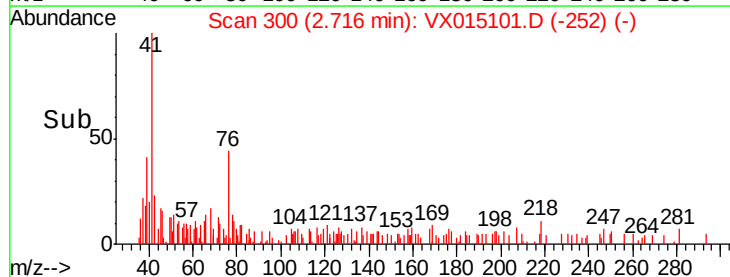
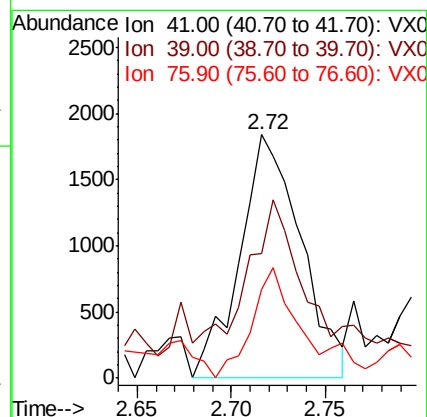
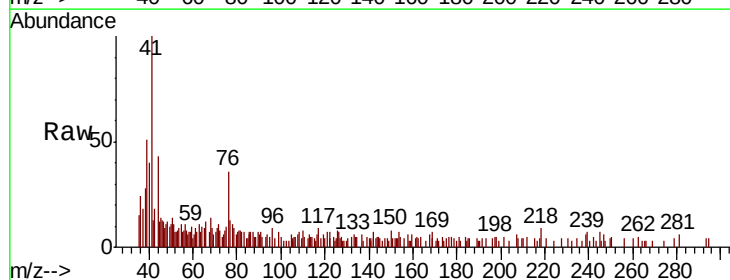
Tgt Ion: 41 Resp: 4154

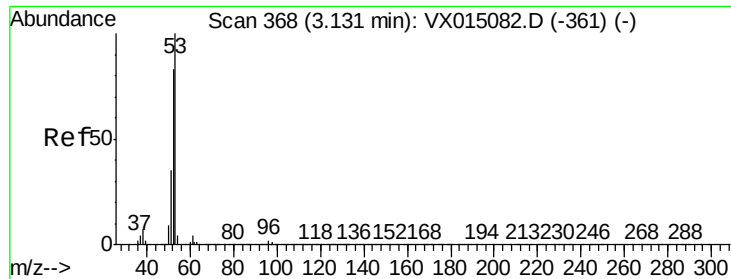
Ion Ratio Lower Upper

41 100

39 59.3 52.9 79.3

76 37.9 26.8 40.2





#15

Acrylonitrile

Concen: 2.474 ug/l

RT: 3.14 min Scan# 370

Delta R.T. 0.01 min

Lab File: VX015101.D

Acq: 05 Mar 2020 11:03

Instrument :

MSVOA_X

ClientSampleId :

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

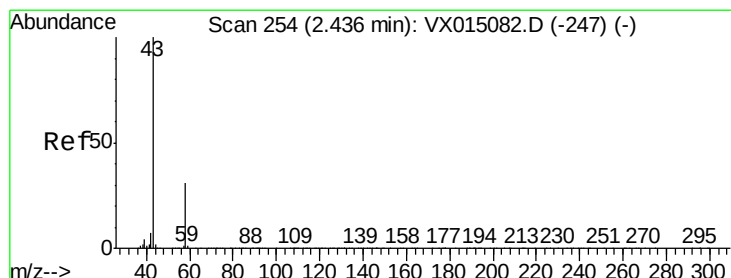
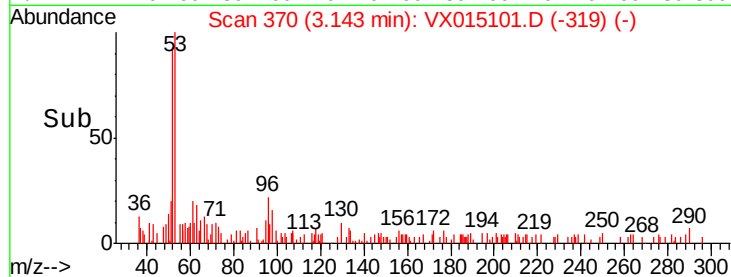
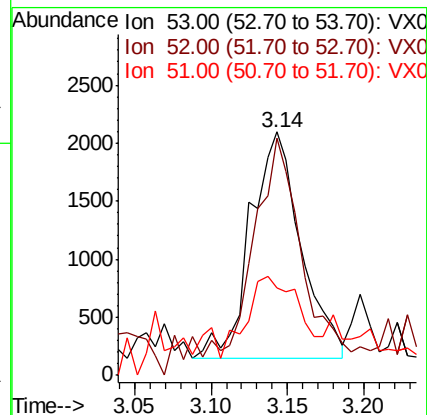
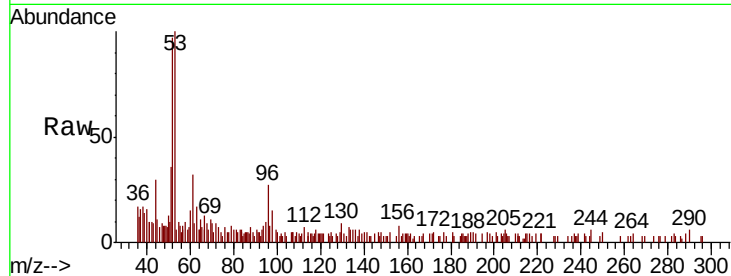
Tot Ion: 53 Resp: 4489

Ion Ratio Lower Upper

53 100

52 95.8 66.6 100.0

51 35.7 29.0 43.6



#16

Acetone

Concen: 4.076 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.00 min

Lab File: VX015101.D

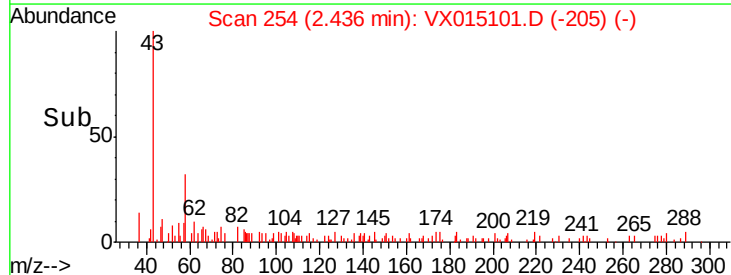
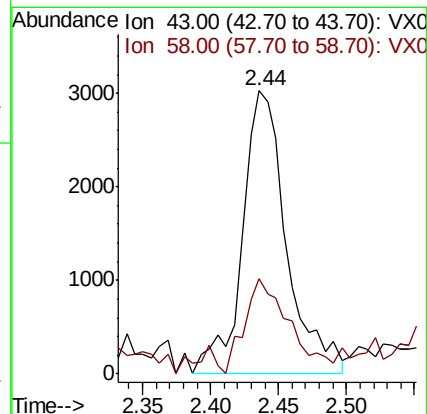
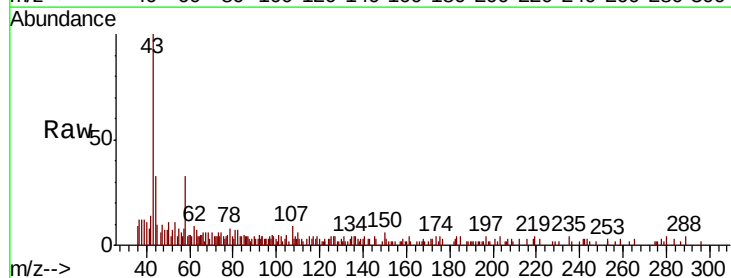
Acq: 05 Mar 2020 11:03

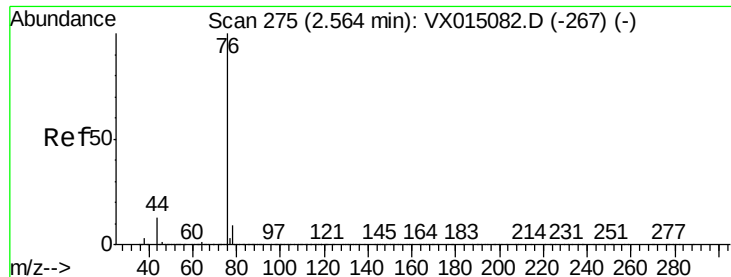
Tgt Ion: 43 Resp: 6930

Ion Ratio Lower Upper

43 100

58 29.8 24.8 37.2





#17

Carbon Disulfide

Concen: 0.640 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.00 min

Lab File: VX015101.D

Acq: 05 Mar 2020 11:03

Instrument :

MSVOA_X

ClientSampleId :

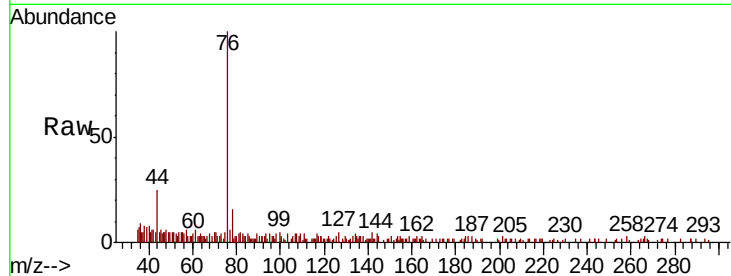
LOD-MDL-WATER-01-QT1-2020DL

Tot Ion: 76 Resp: 6110

Ion Ratio Lower Upper

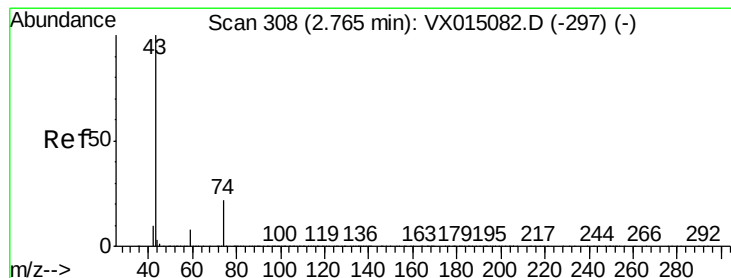
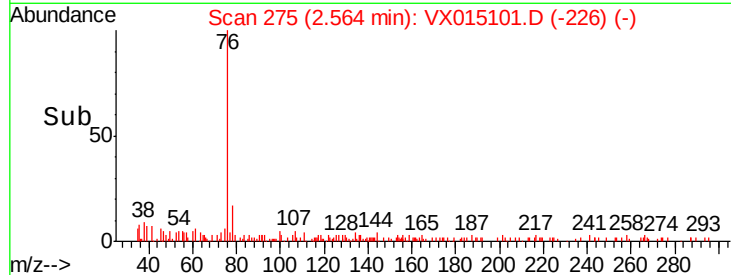
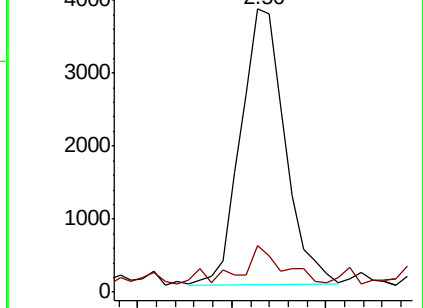
76 100

78 12.4 7.3 10.9#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 0.712 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.00 min

Lab File: VX015101.D

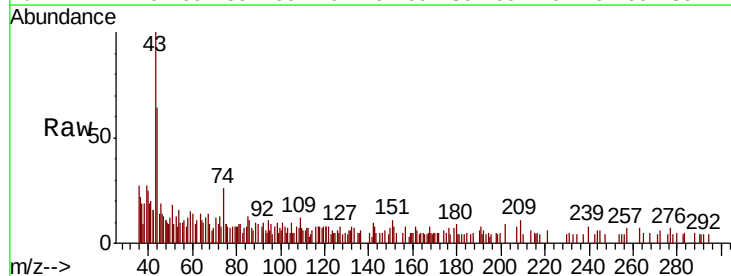
Acq: 05 Mar 2020 11:03

Tgt Ion: 43 Resp: 2961

Ion Ratio Lower Upper

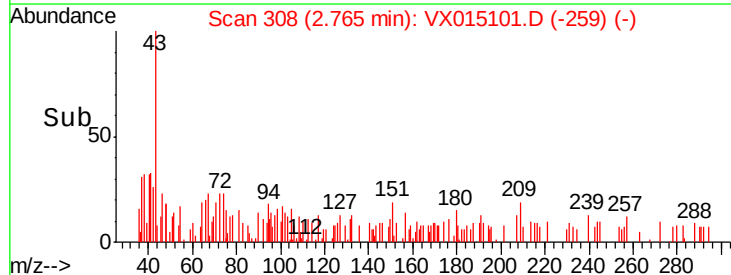
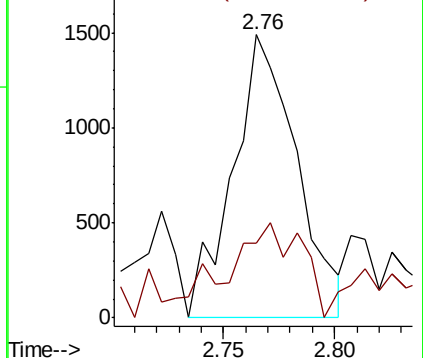
43 100

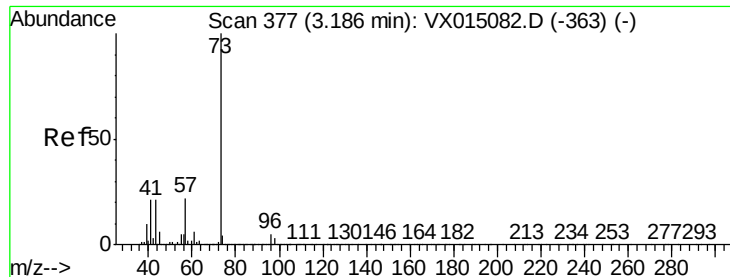
74 38.5 18.8 28.2#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



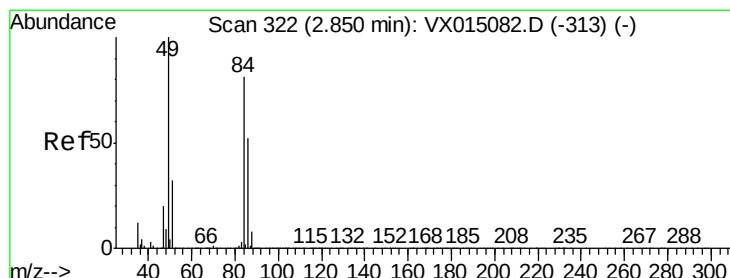
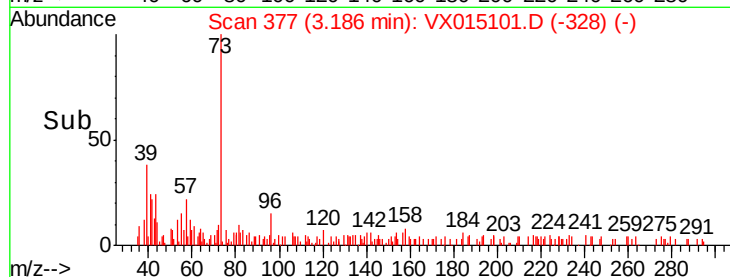
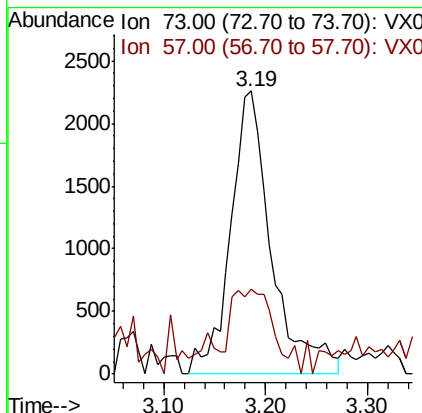
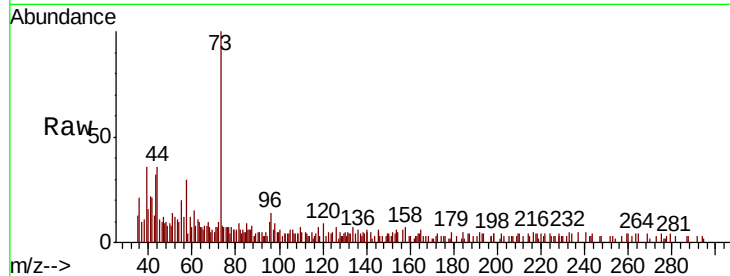


#19

Methyl tert-butyl Ether
 Concen: 0.587 ug/l
 RT: 3.19 min Scan# 377
 Delta R.T. 0.00 min
 Lab File: VX015101.D
 Acq: 05 Mar 2020 11:03

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

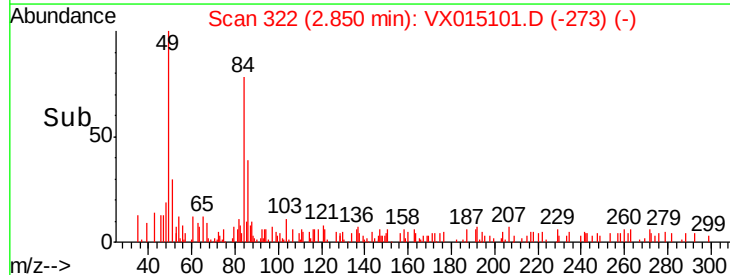
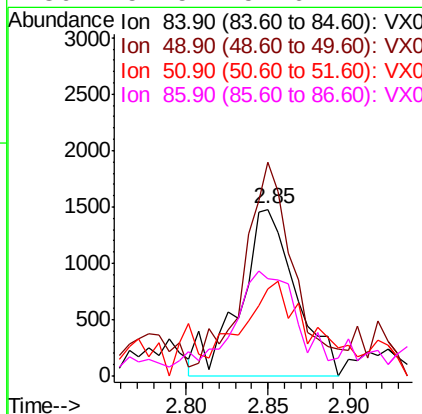
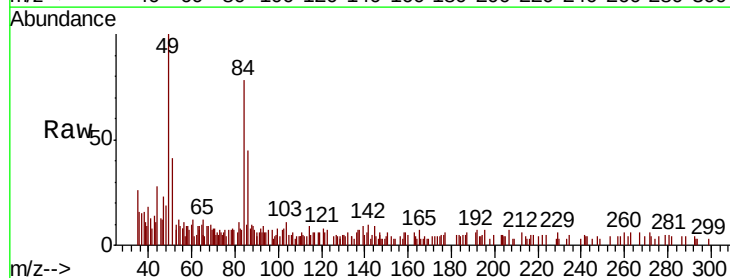
Tot Ion: 73 Resp: 6306
 Ion Ratio Lower Upper
 73 100
 57 26.1 17.8 26.6

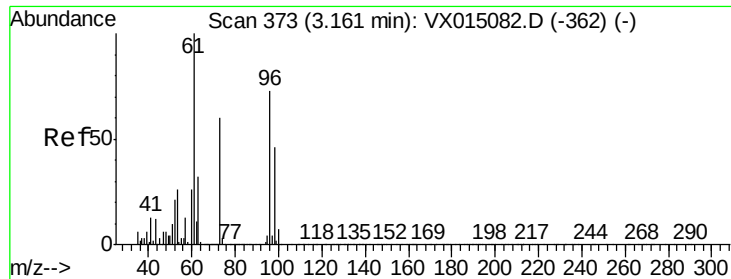


#20

Methylene Chloride
 Concen: 0.892 ug/l
 RT: 2.85 min Scan# 322
 Delta R.T. 0.00 min
 Lab File: VX015101.D
 Acq: 05 Mar 2020 11:03

Tgt Ion: 84 Resp: 3548
 Ion Ratio Lower Upper
 84 100
 49 133.3 99.4 149.2
 51 38.8 31.5 47.3
 86 51.5 51.6 77.4#





#21

trans-1,2-Dichloroethene

Concen: 0.636 ug/l

RT: 3.16 min Scan# 373

Delta R.T. 0.00 min

Lab File: VX015101.D

Acq: 05 Mar 2020 11:03

Instrument :

MSVOA_X

ClientSampleId :

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

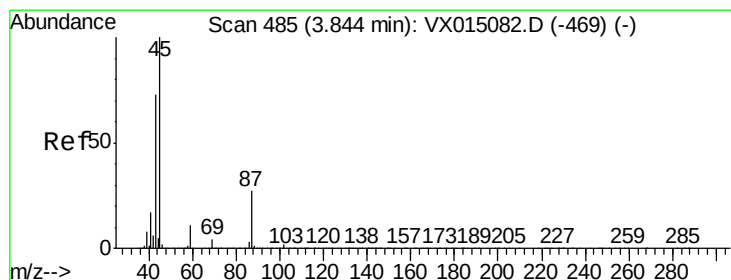
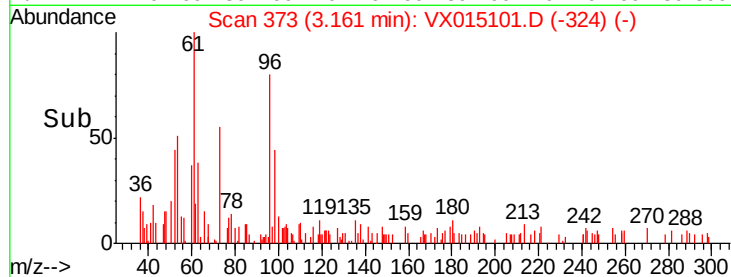
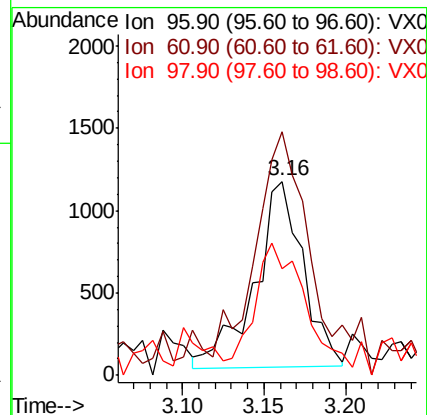
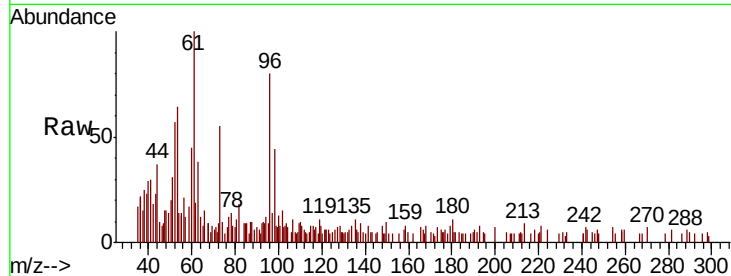
Tot Ion: 96 Resp: 2336

Ion Ratio Lower Upper

96 100

61 109.9 109.9 164.9

98 46.7 50.2 75.2#



#22

Diisopropyl ether

Concen: 0.439 ug/l

RT: 3.85 min Scan# 486

Delta R.T. 0.01 min

Lab File: VX015101.D

Acq: 05 Mar 2020 11:03

Tgt Ion: 45 Resp: 5243

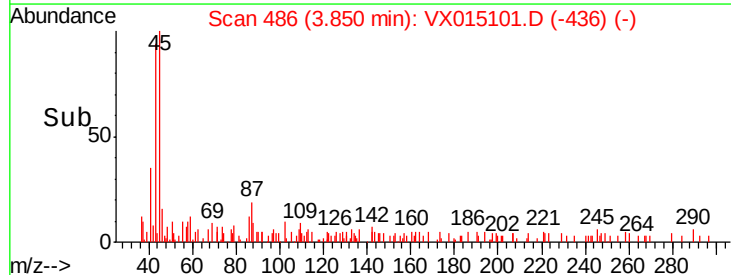
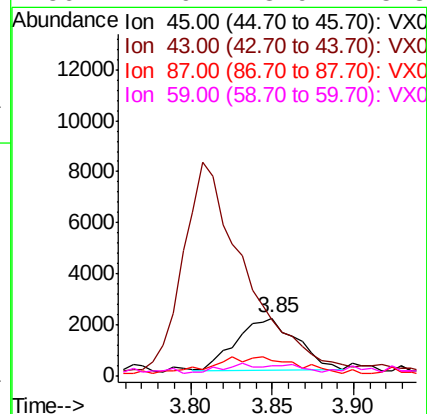
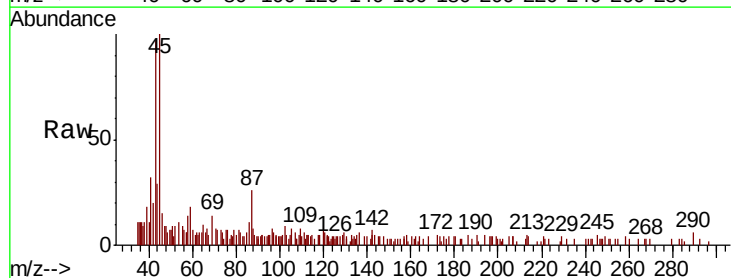
Ion Ratio Lower Upper

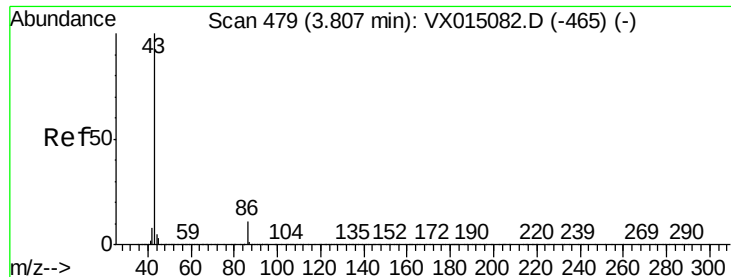
45 100

43 87.0 58.2 87.2

87 23.0 21.2 31.8

59 11.9 8.9 13.3





#23

Vinyl Acetate

Concen: 2.237 ug/l

RT: 3.81 min Scan# 479

Delta R.T. 0.00 min

Lab File: VX015101.D

Acq: 05 Mar 2020 11:03

Instrument :

MSVOA_X

ClientSampleId :

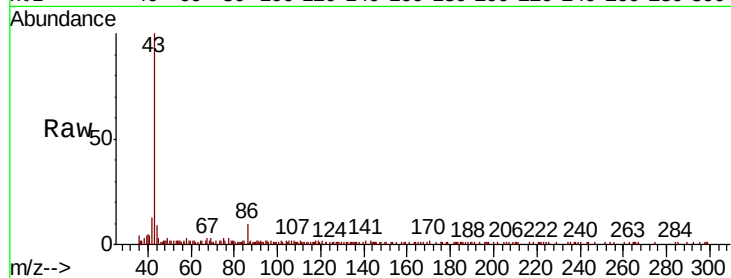
LOD-MDL-WATER-01-QT1-2020DL

Tot Ion: 43 Resp: 21972

Ion Ratio Lower Upper

43 100

86 7.9 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

8000

6000

4000

2000

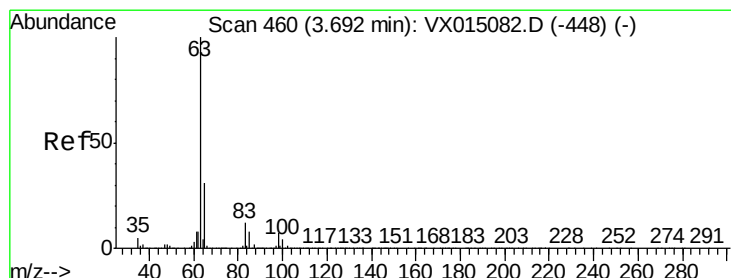
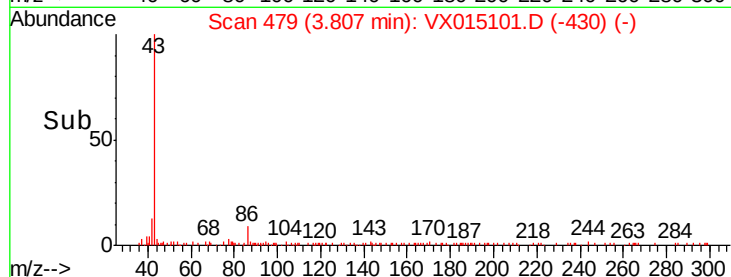
0

Time-->

3.70

3.80

3.90



#24

1,1-Dichloroethane

Concen: 0.546 ug/l

RT: 3.69 min Scan# 460

Delta R.T. 0.00 min

Lab File: VX015101.D

Acq: 05 Mar 2020 11:03

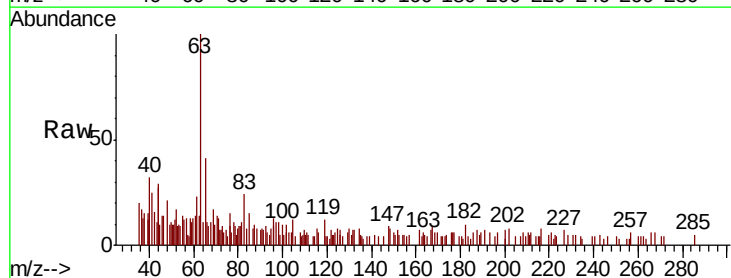
Tgt Ion: 63 Resp: 3619

Ion Ratio Lower Upper

63 100

98 0.3 3.7 11.1#

100 0.0 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

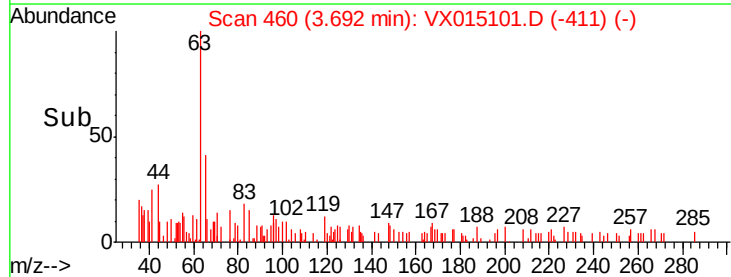
Time-->

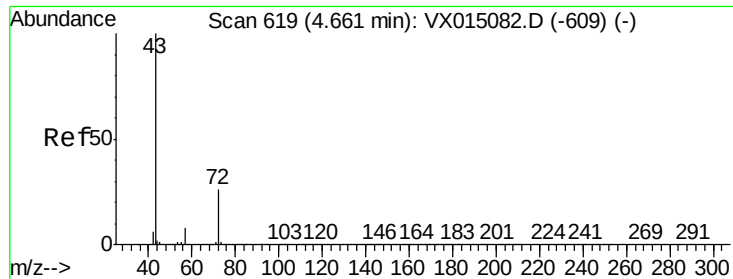
3.60

3.65

3.70

3.75





#25

2-Butanone

Concen: 3.078 ug/l

RT: 4.68 min Scan# 622

Delta R.T. 0.02 min

Lab File: VX015101.D

Acq: 05 Mar 2020 11:03

Instrument :

MSVOA_X

ClientSampleId :

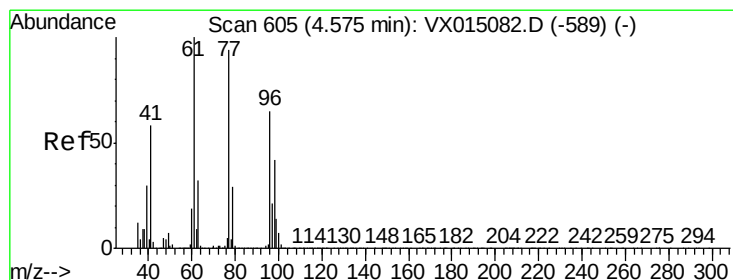
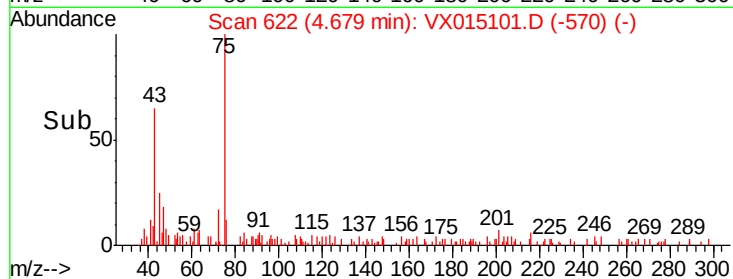
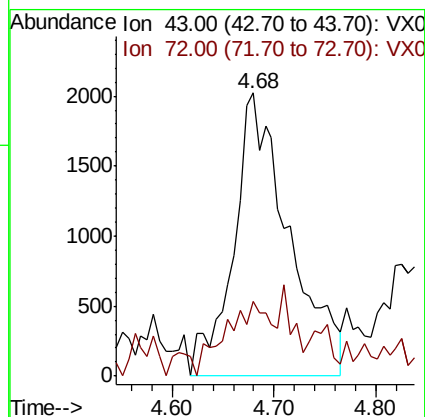
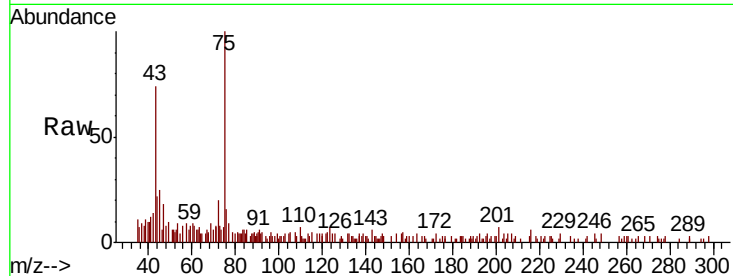
LOD-MDL-WATER-01-QT1-2020DL

Tot Ion: 43 Resp: 7662

Ion Ratio Lower Upper

43 100

72 22.2 20.6 30.8



#26

2,2-Dichloropropane

Concen: 0.524 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX015101.D

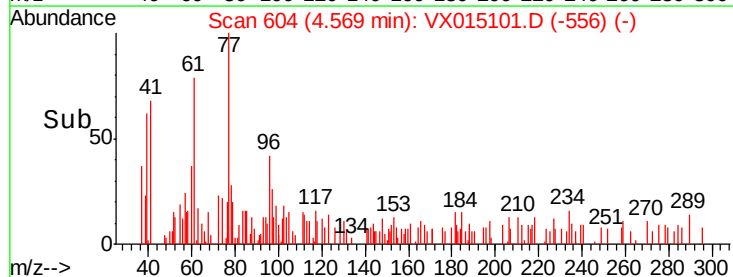
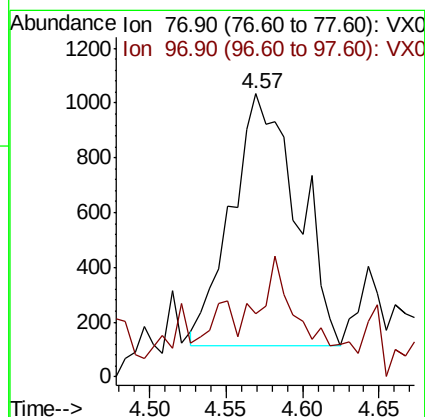
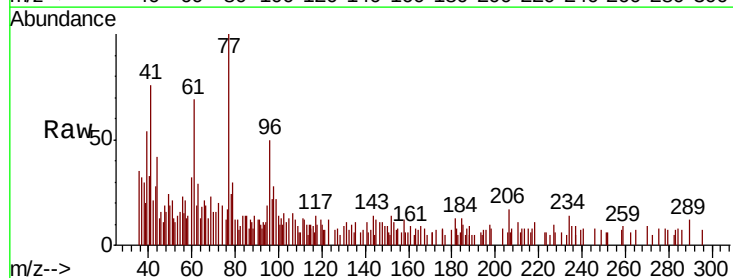
Acq: 05 Mar 2020 11:03

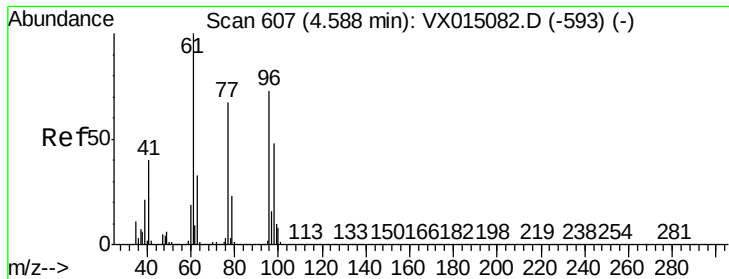
Tgt Ion: 77 Resp: 2760

Ion Ratio Lower Upper

77 100

97 22.4 11.8 35.4





#27

cis-1,2-Dichloroethene

Concen: 0.676 ug/l

RT: 4.60 min Scan# 609

Delta R.T. 0.01 min

Lab File: VX015101.D

Acq: 05 Mar 2020 11:03

Instrument :

MSVOA_X

ClientSampleId :

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

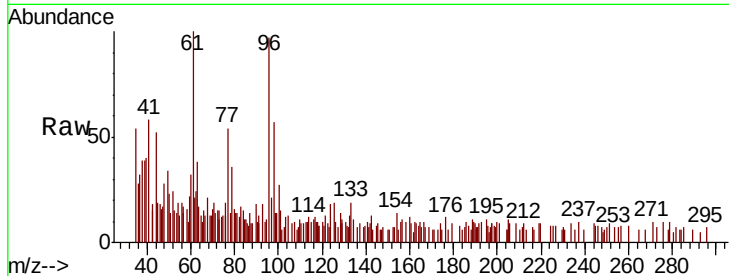
Tot Ion: 96 Resp: 2784

Ion Ratio Lower Upper

96 100

61 108.6 0.0 286.8

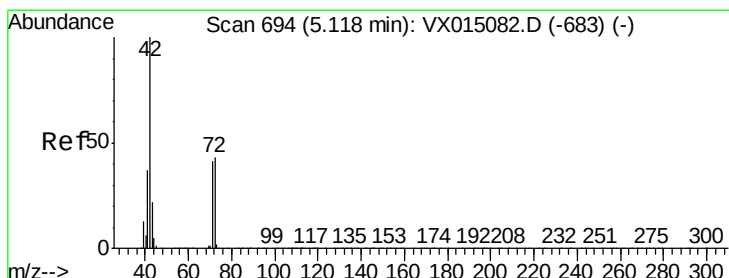
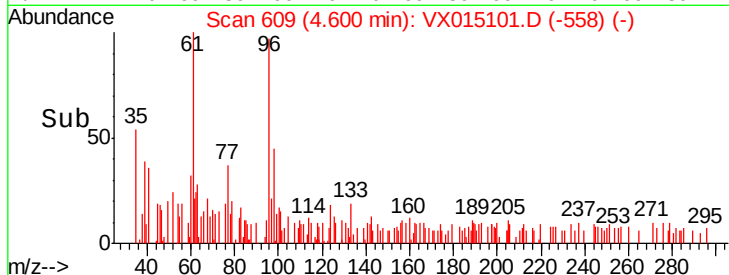
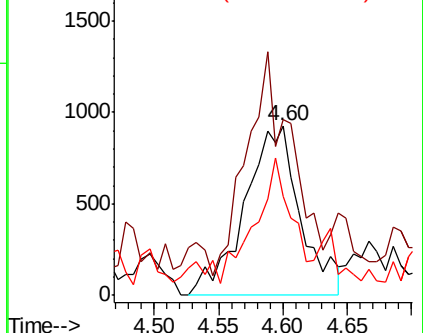
98 53.5 0.0 128.4



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#29

Tetrahydrofuran

Concen: 2.273 ug/l

RT: 5.14 min Scan# 697

Delta R.T. 0.02 min

Lab File: VX015101.D

Acq: 05 Mar 2020 11:03

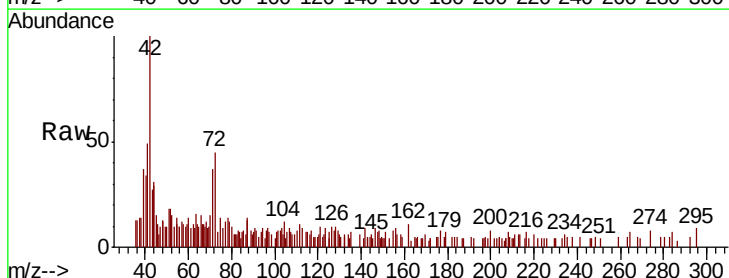
Tgt Ion: 42 Resp: 3648

Ion Ratio Lower Upper

42 100

72 15.4 36.4 54.6#

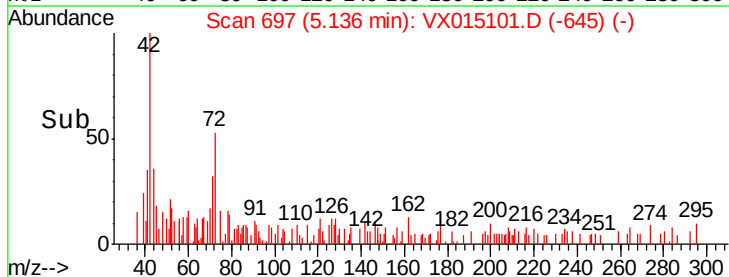
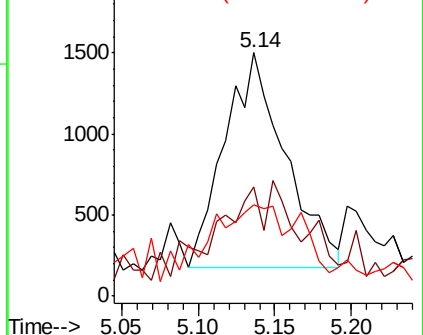
71 53.3 33.3 49.9#

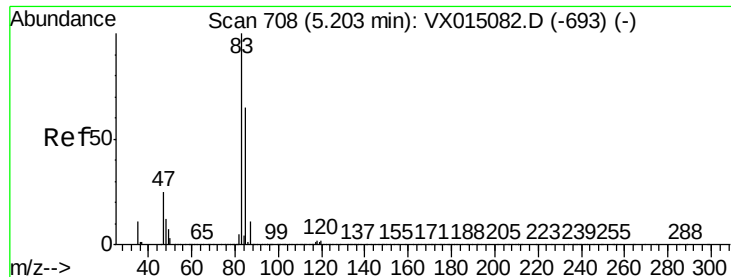


Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0

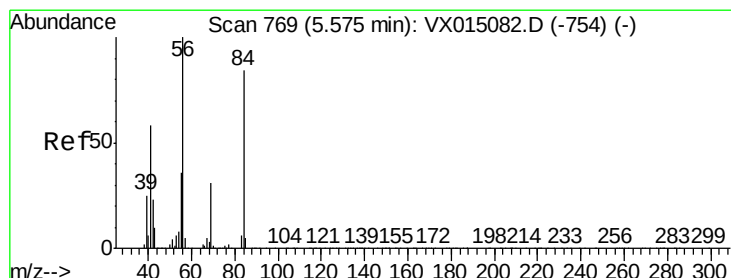
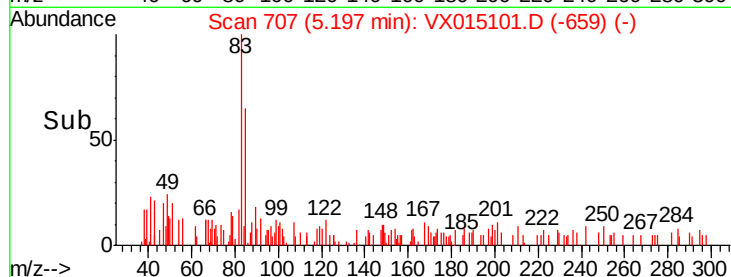
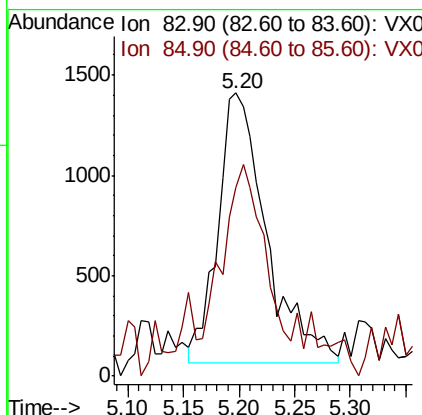
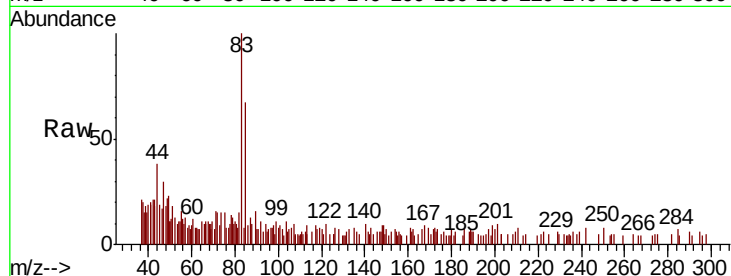




#30
Chloroform
Concen: 0.633 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX015101.D
Acq: 05 Mar 2020 11:03

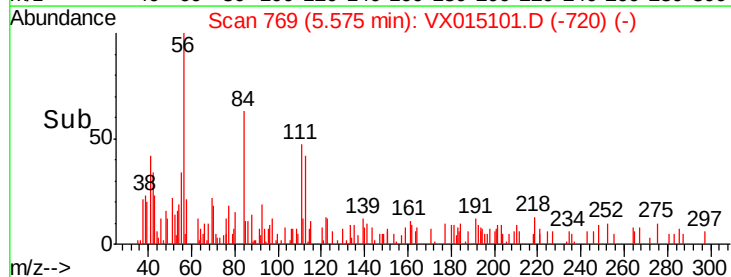
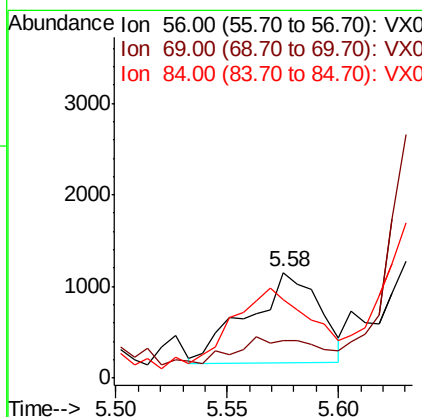
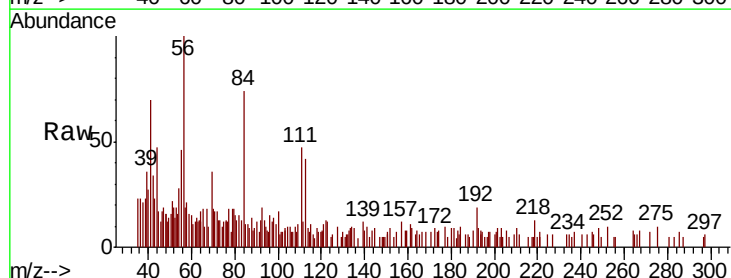
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020DL

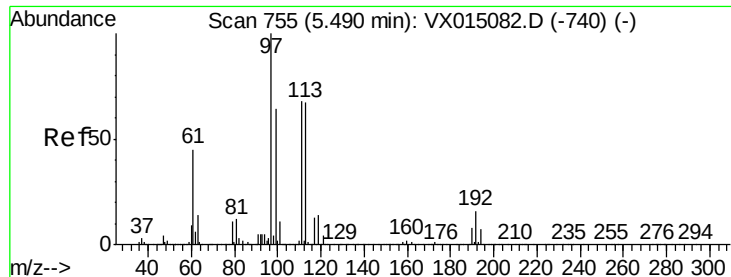
Tot Ion: 83 Resp: 4091
Ion Ratio Lower Upper
83 100
85 58.8 52.0 78.0



#31
Cyclohexane
Concen: 0.368 ug/l
RT: 5.58 min Scan# 769
Delta R.T. 0.00 min
Lab File: VX015101.D
Acq: 05 Mar 2020 11:03

Tgt Ion: 56 Resp: 2176
Ion Ratio Lower Upper
56 100
69 23.8 25.0 37.6#
84 73.4 67.6 101.4





#32

1,1,1-Trichloroethane

Concen: 0.227 ug/l

RT: 5.47 min Scan# 752

Delta R.T. -0.02 min

Lab File: VX015101.D

Acq: 05 Mar 2020 11:03

Instrument :

MSVOA_X

ClientSampleId :

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

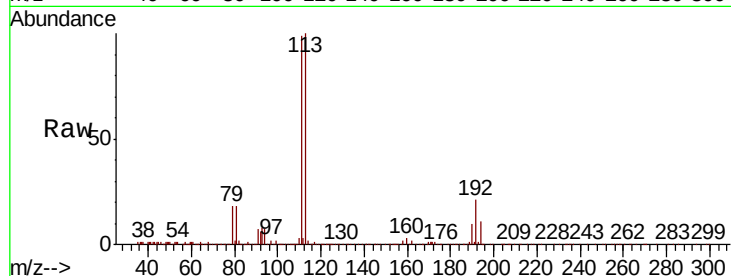
Tot Ion: 97 Resp: 1218

Ion Ratio Lower Upper

97 100

99 0.0 52.8 79.2#

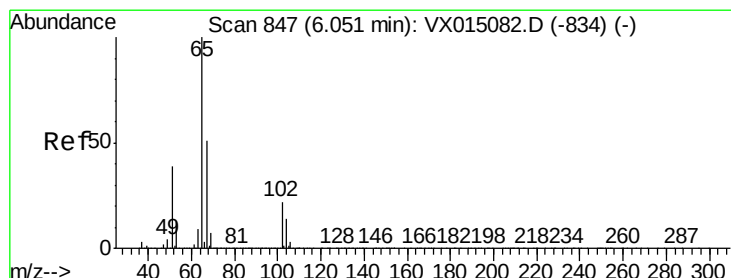
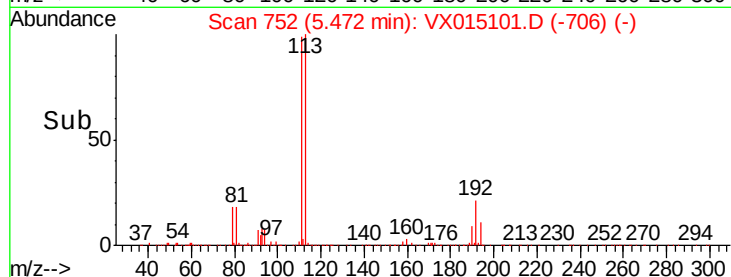
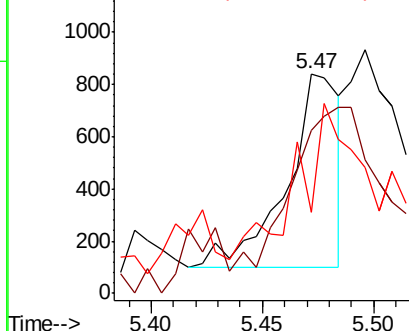
61 92.4 36.6 54.8#



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: 51.894 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX015101.D

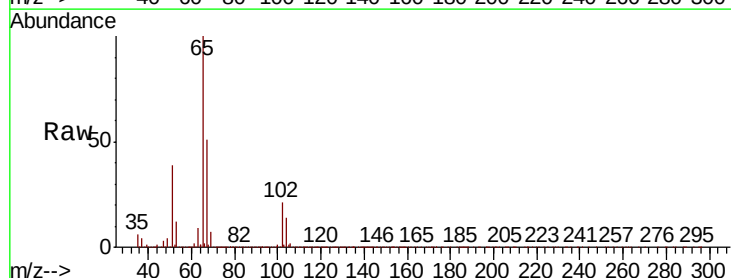
Acq: 05 Mar 2020 11:03

Tgt Ion: 65 Resp: 217884

Ion Ratio Lower Upper

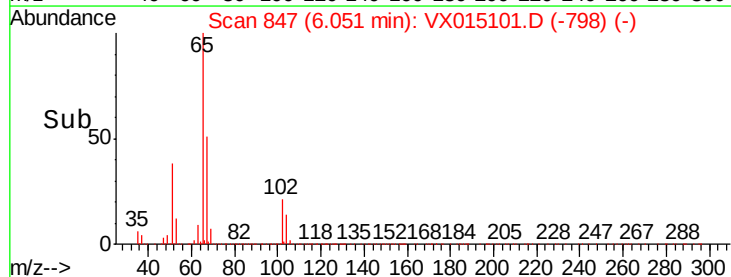
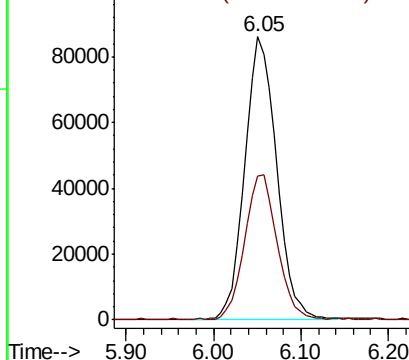
65 100

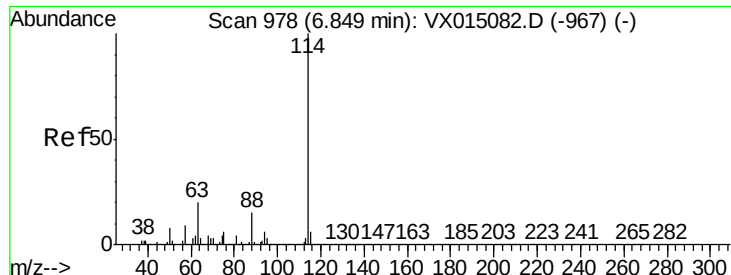
67 52.0 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX015101.D

Acq: 05 Mar 2020 11:03

Instrument :

MSVOA_X

ClientSampleId :

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

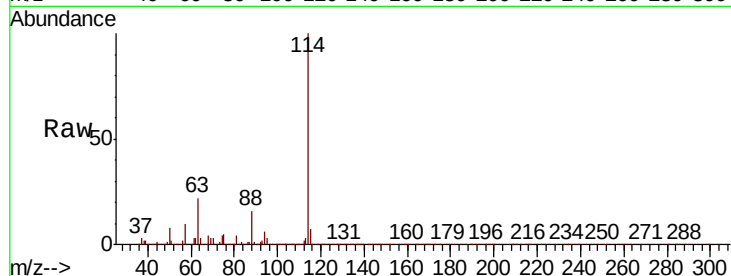
Tot Ion:114 Resp: 546094

Ion Ratio Lower Upper

114 100

63 21.7 0.0 40.0

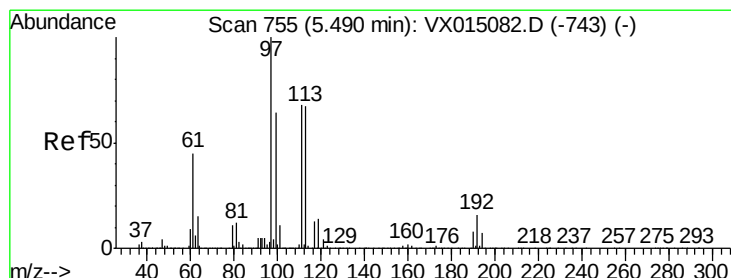
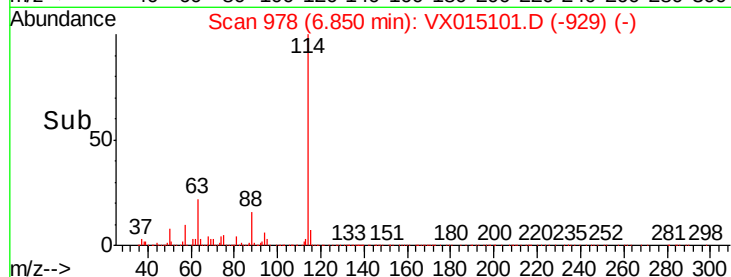
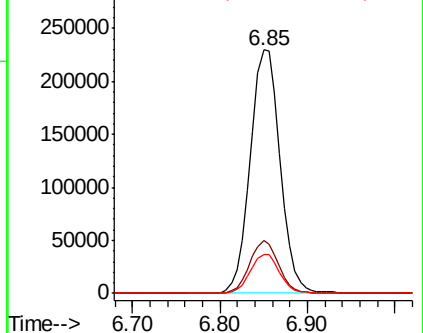
88 16.1 0.0 30.6



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: 50.223 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX015101.D

Acq: 05 Mar 2020 11:03

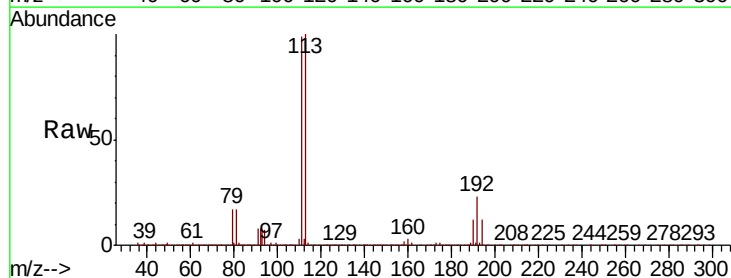
Tgt Ion:113 Resp: 173026

Ion Ratio Lower Upper

113 100

111 102.3 82.6 123.8

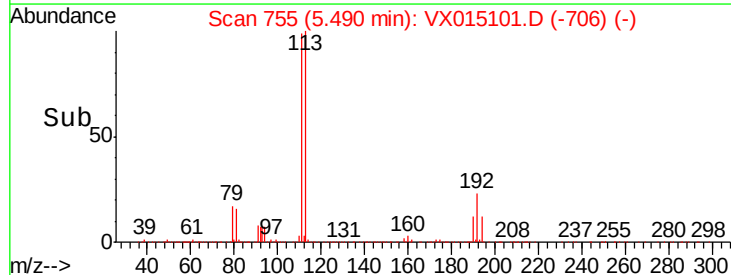
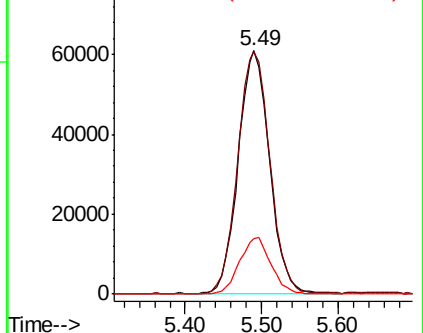
192 23.4 18.6 28.0

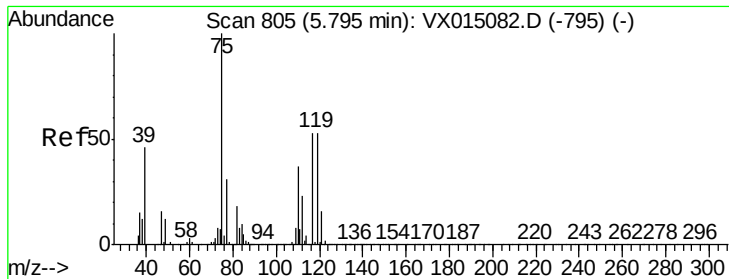


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 0.271 ug/l

RT: 5.79 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX015101.D

Acq: 05 Mar 2020 11:03

Instrument :

MSVOA_X

ClientSampleId :

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

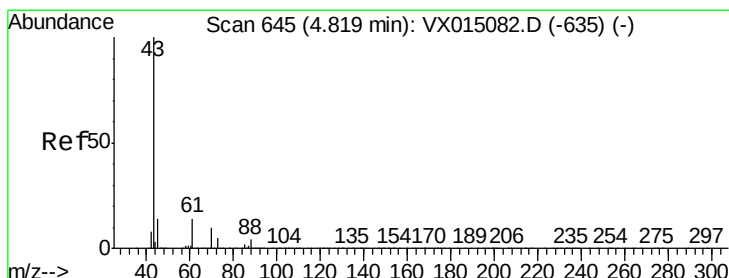
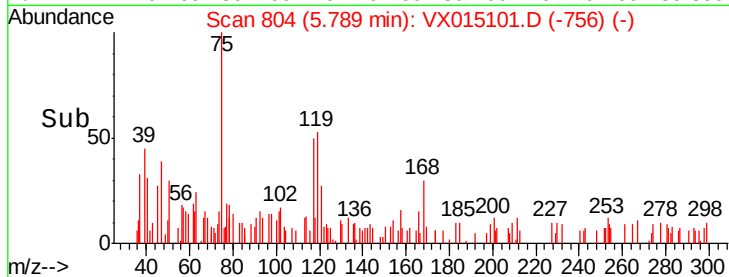
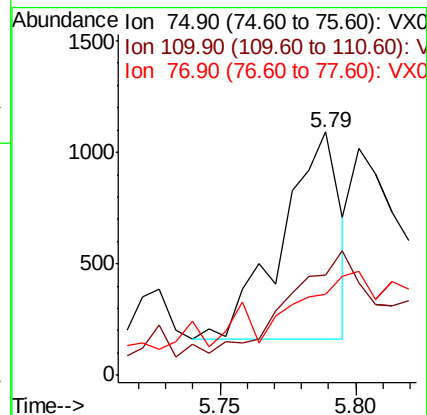
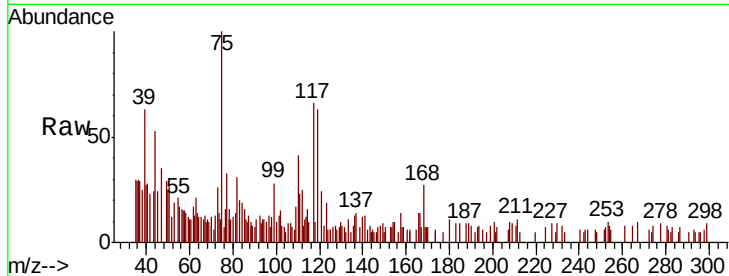
Tot Ion: 75 Resp: 1367

Ion Ratio Lower Upper

75 100

110 75.1 17.9 53.8#

77 66.2 24.8 37.2#



#37

Ethyl Acetate

Concen: 0.373 ug/l

RT: 4.84 min Scan# 649

Delta R.T. 0.02 min

Lab File: VX015101.D

Acq: 05 Mar 2020 11:03

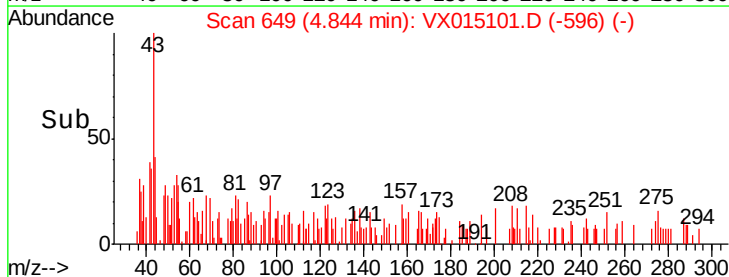
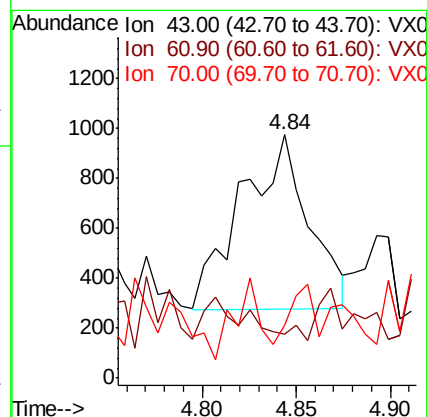
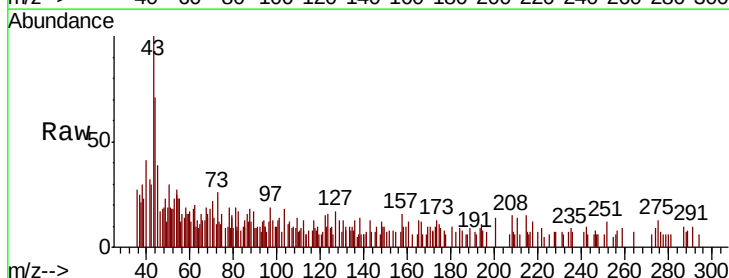
Tgt Ion: 43 Resp: 1745

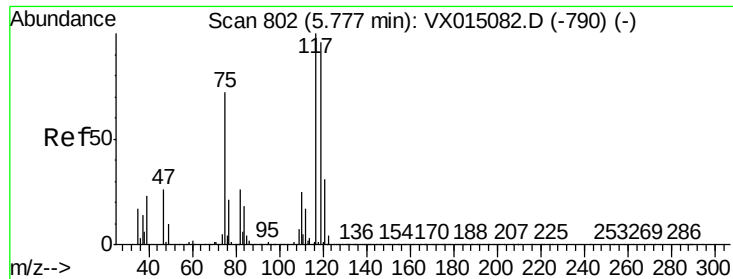
Ion Ratio Lower Upper

43 100

61 0.0 11.0 16.4#

70 11.3 8.1 12.1





#38

Carbon Tetrachloride

Concen: 0.651 ug/l

RT: 5.78 min Scan# 802

Delta R.T. 0.00 min

Lab File: VX015101.D

Acq: 05 Mar 2020 11:03

Instrument :

MSVOA_X

ClientSampleId :

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

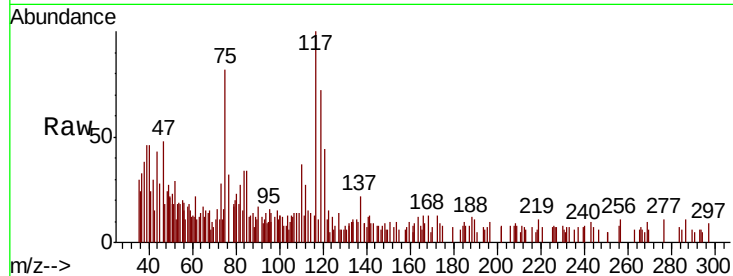
Tot Ion:117 Resp: 3104

Ion Ratio Lower Upper

117 100

119 54.0 76.9 115.3#

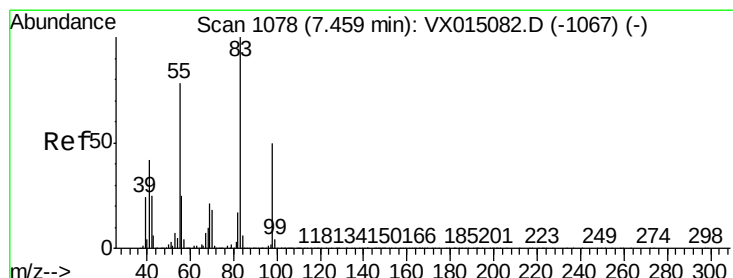
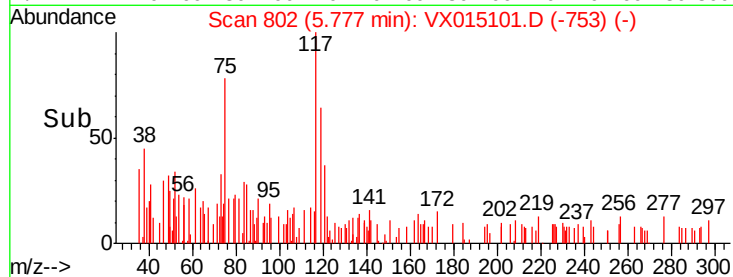
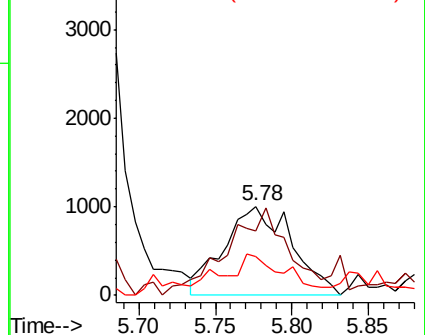
121 30.3 24.6 37.0



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: 0.640 ug/l

RT: 7.47 min Scan# 1079

Delta R.T. 0.01 min

Lab File: VX015101.D

Acq: 05 Mar 2020 11:03

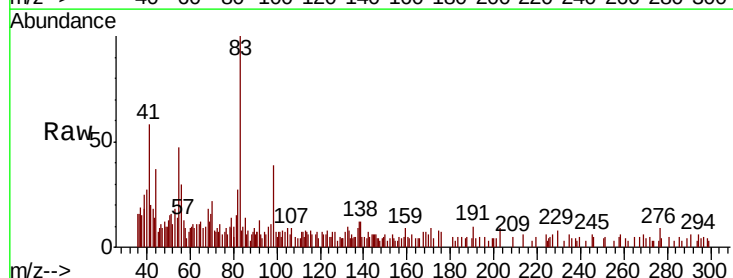
Tgt Ion: 83 Resp: 3772

Ion Ratio Lower Upper

83 100

55 42.2 62.4 93.6#

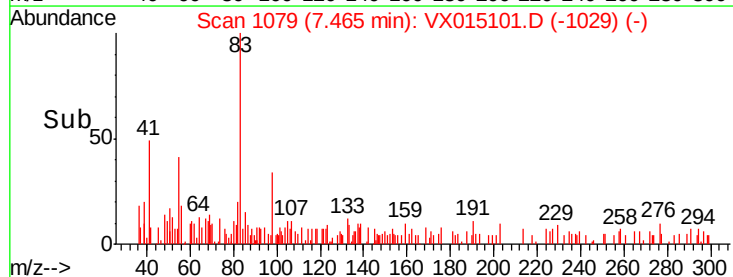
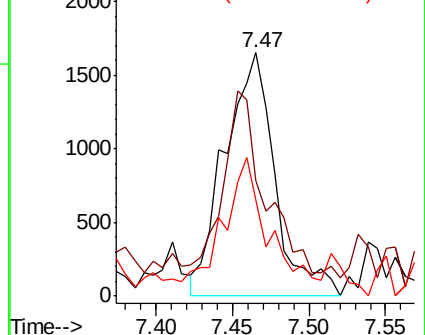
98 31.2 39.7 59.5#

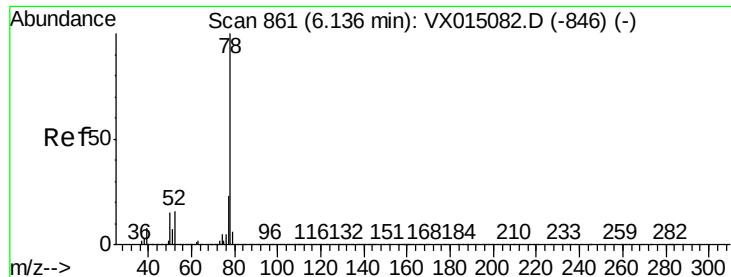


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 0.510 ug/l

RT: 6.14 min Scan# 861

Delta R.T. 0.00 min

Lab File: VX015101.D

Acq: 05 Mar 2020 11:03

Instrument :

MSVOA_X

ClientSampleId :

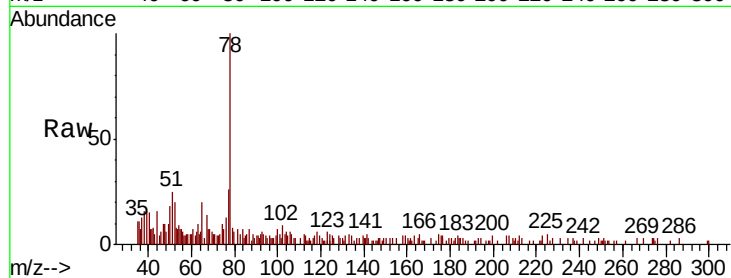
LOD-MDL-WATER-01-QT1-2020DL

Tot Ion: 78 Resp: 7636

Ion Ratio Lower Upper

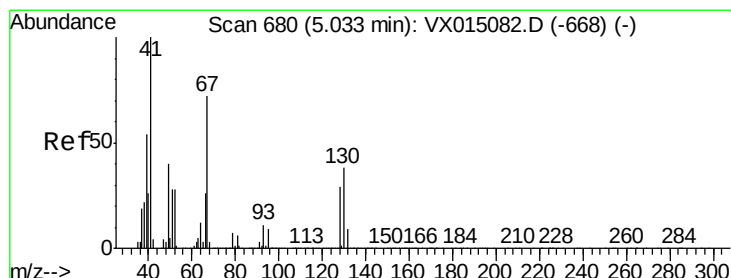
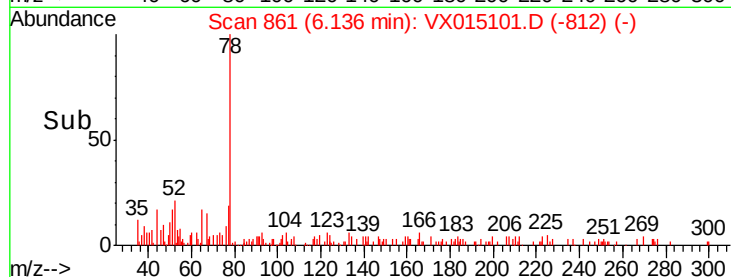
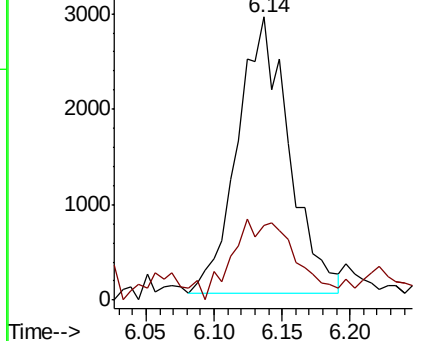
78 100

77 24.0 18.6 28.0



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#41

Methacrylonitrile

Concen: 0.597 ug/l

RT: 5.03 min Scan# 680

Delta R.T. 0.00 min

Lab File: VX015101.D

Acq: 05 Mar 2020 11:03

Tgt Ion: 41 Resp: 1680

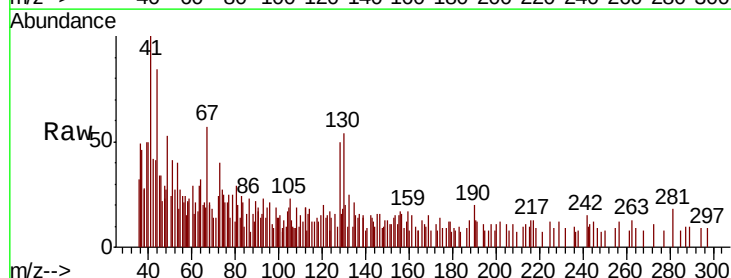
Ion Ratio Lower Upper

41 100

39 8.5 43.9 65.9#

67 7.9 57.8 86.8#

52 0.0 22.6 34.0#

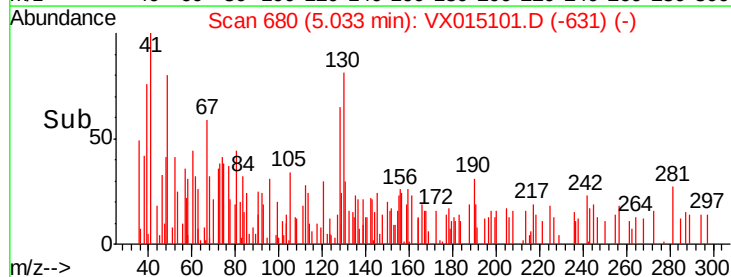
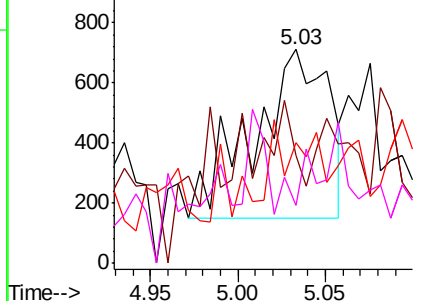


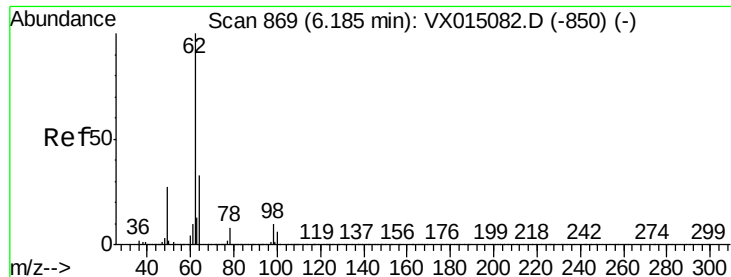
Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0





#42

1,2-Dichloroethane

Concen: 0.651 ug/l

RT: 6.19 min Scan# 870

Delta R.T. 0.01 min

Lab File: VX015101.D

Acq: 05 Mar 2020 11:03

Instrument :

MSVOA_X

ClientSampleId :

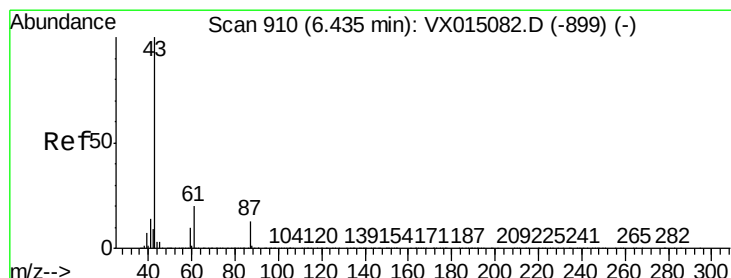
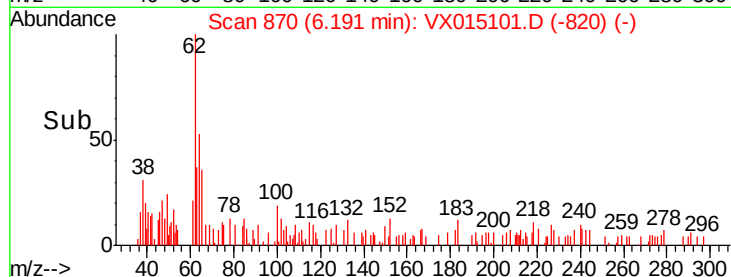
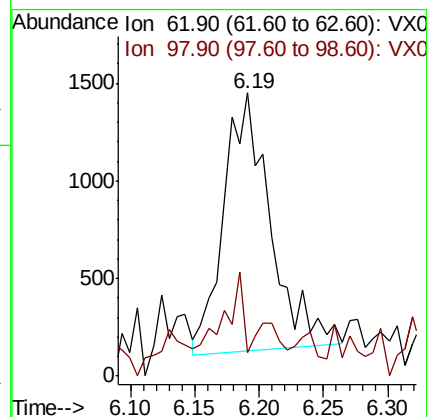
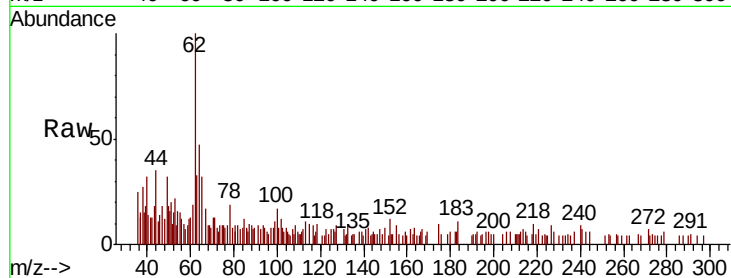
LOD-MDL-WATER-01-QT1-2020DL

Tot Ion: 62 Resp: 3349

Ion Ratio Lower Upper

62 100

98 22.7 0.0 20.6#



#43

Isopropyl Acetate

Concen: 0.611 ug/l

RT: 6.44 min Scan# 911

Delta R.T. 0.01 min

Lab File: VX015101.D

Acq: 05 Mar 2020 11:03

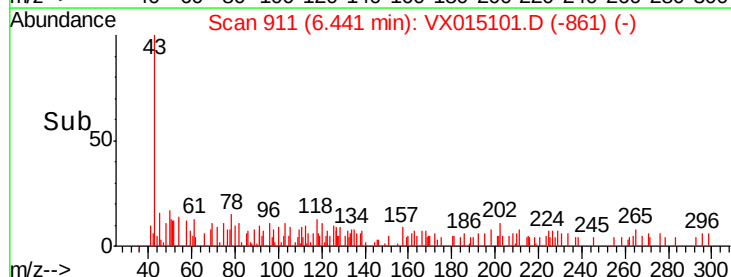
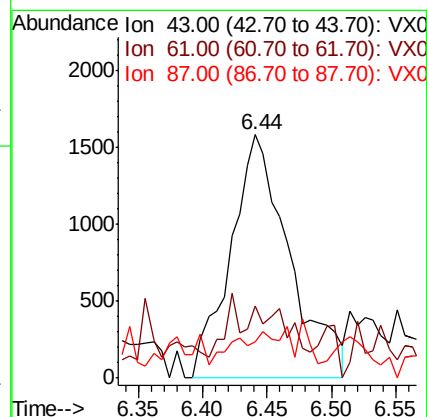
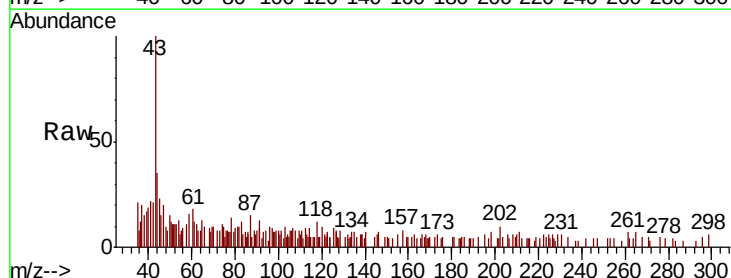
Tgt Ion: 43 Resp: 5031

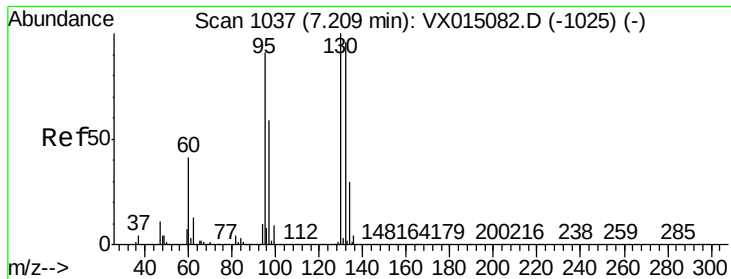
Ion Ratio Lower Upper

43 100

61 9.6 16.1 24.1#

87 0.0 10.6 16.0#





#44

Trichloroethene

Concen: 0.745 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX015101.D

Acq: 05 Mar 2020 11:03

Instrument :

MSVOA_X

ClientSampleId :

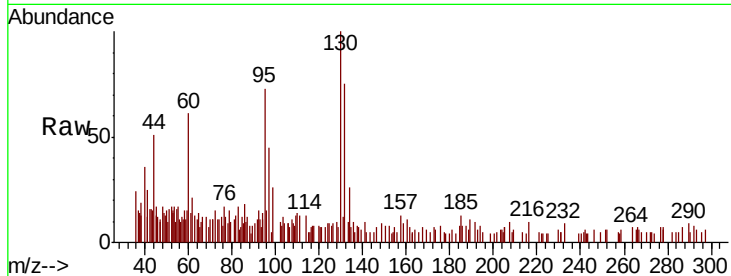
LOD-MDL-WATER-01-QT1-2020DL

Tot Ion:130 Resp: 3106

Ion Ratio Lower Upper

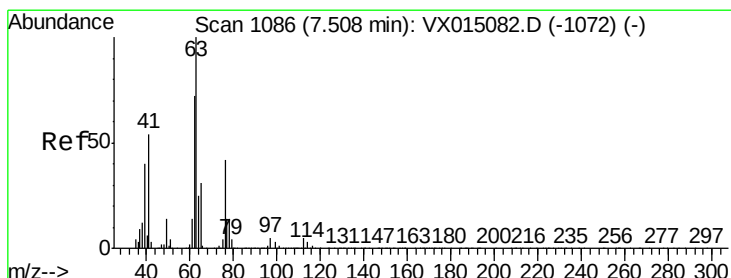
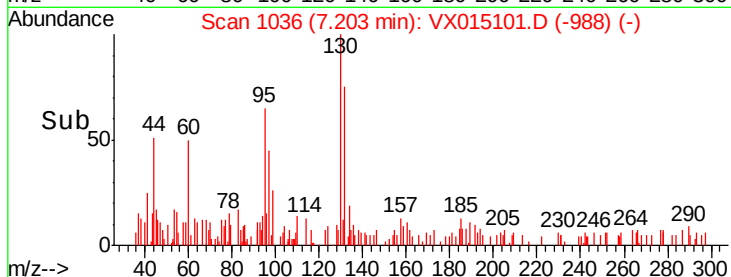
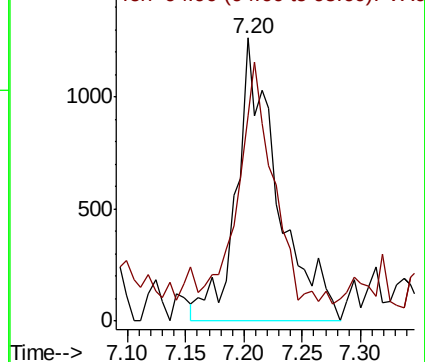
130 100

95 68.7 0.0 181.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#45

1,2-Dichloropropane

Concen: 0.495 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX015101.D

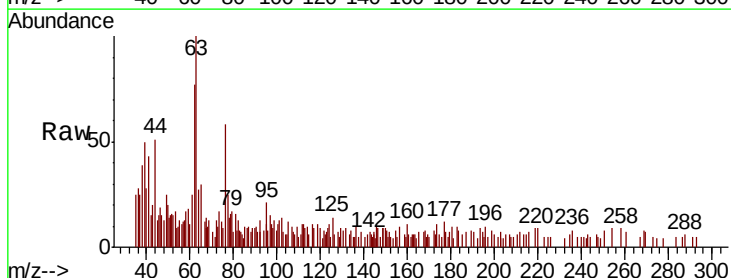
Acq: 05 Mar 2020 11:03

Tgt Ion: 63 Resp: 1918

Ion Ratio Lower Upper

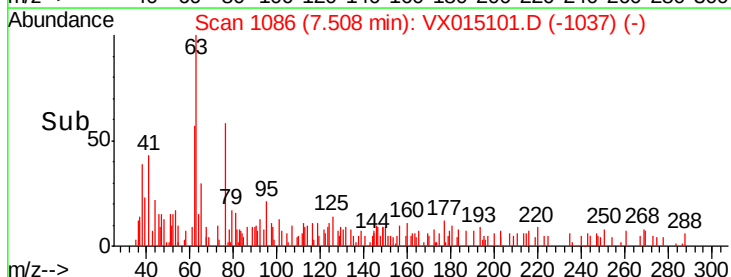
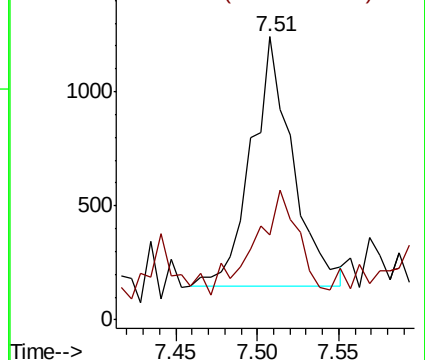
63 100

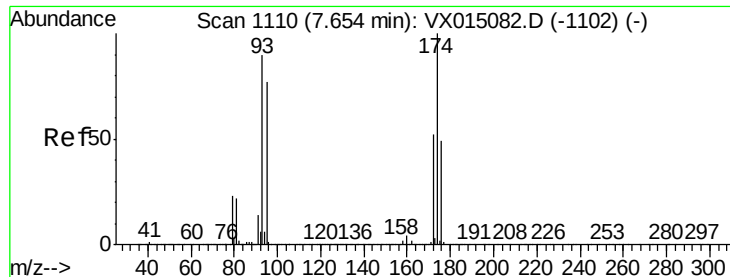
65 20.5 24.6 36.8#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0





#46

Dibromomethane

Concen: 0.957 ug/l

RT: 7.66 min Scan# 1111

Delta R.T. 0.01 min

Lab File: VX015101.D

Acq: 05 Mar 2020 11:03

Instrument :

MSVOA_X

ClientSampleId :

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

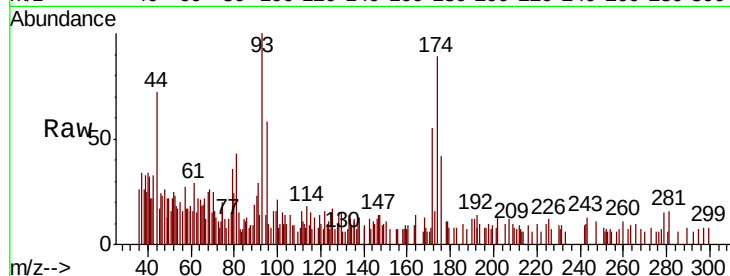
Tot Ion: 93 Resp: 2418

Ion Ratio Lower Upper

93 100

95 71.3 67.8 101.8

174 90.2 91.0 136.4#



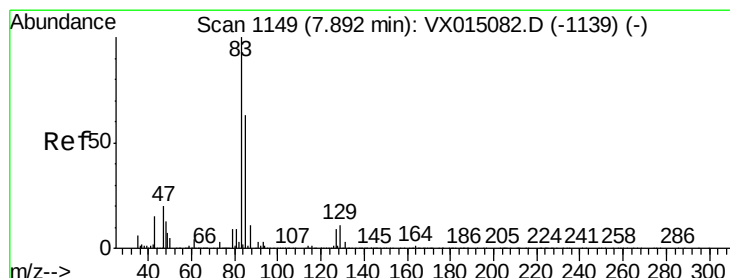
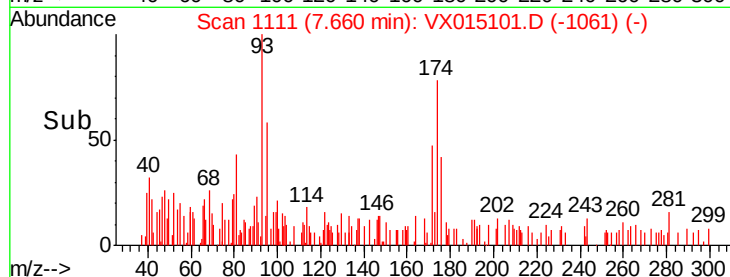
Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

7.66

Time-->



#47

Bromodichloromethane

Concen: 0.529 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX015101.D

Acq: 05 Mar 2020 11:03

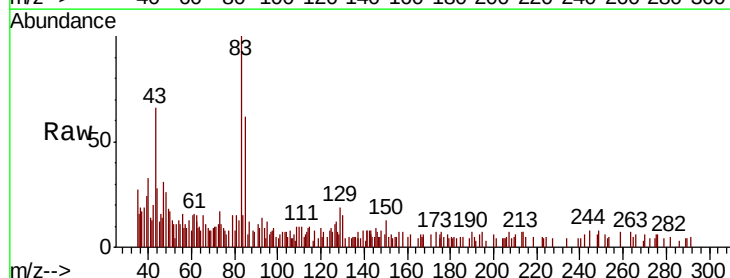
Tgt Ion: 83 Resp: 2642

Ion Ratio Lower Upper

83 100

85 59.8 50.6 75.8

127 13.8 7.1 10.7#



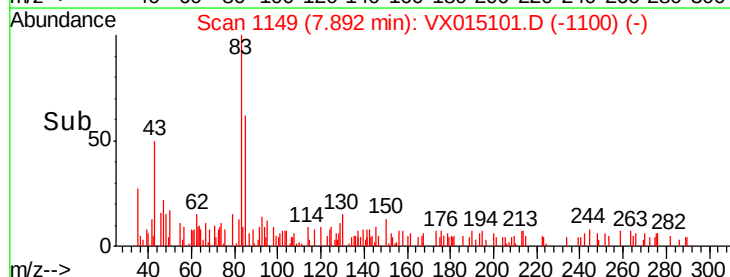
Abundance Ion 82.90 (82.60 to 83.60): VX0

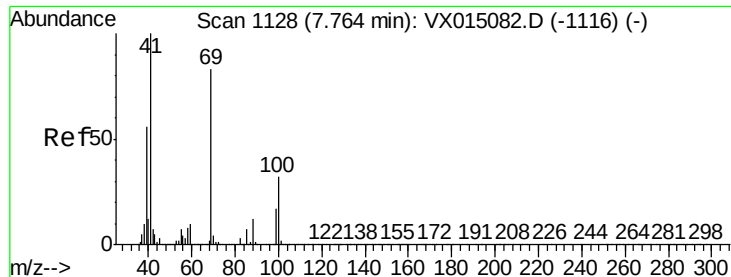
Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V

7.89

Time-->





#48

Methvl methacrylate

Concen: 0.404 ug/l

RT: 7.77 min Scan# 1129

Delta R.T. 0.01 min

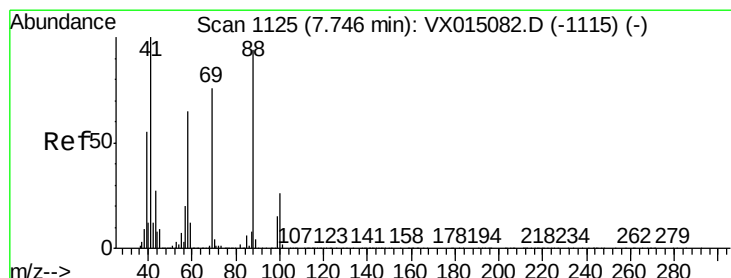
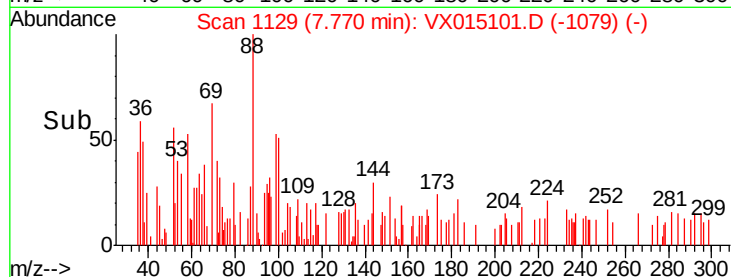
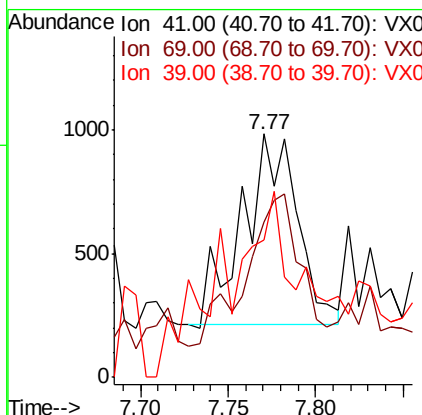
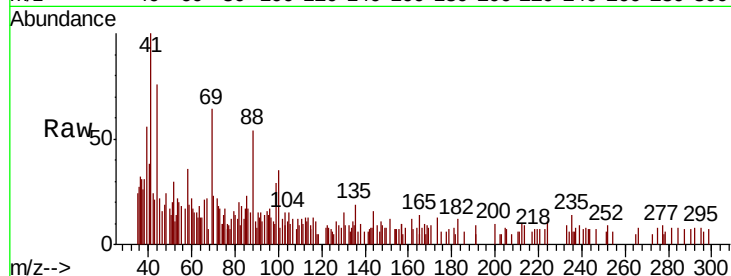
Lab File: VX015101.D

Acq: 05 Mar 2020 11:03

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

Tot Ion: 41 Resp: 1692

Ion	Ratio	Lower	Upper
41	100		
69	78.3	65.4	98.2
39	39.7	44.6	67.0#



#49

1,4-Dioxane

Concen: 9.994 ug/l

RT: 7.75 min Scan# 1126

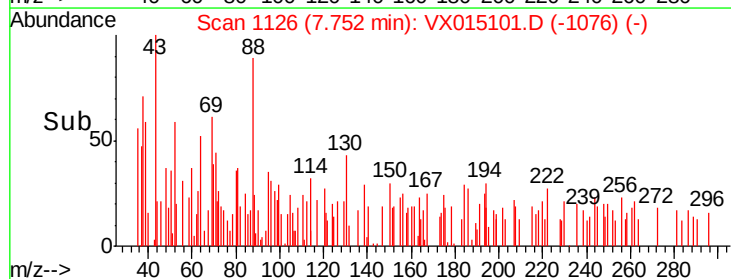
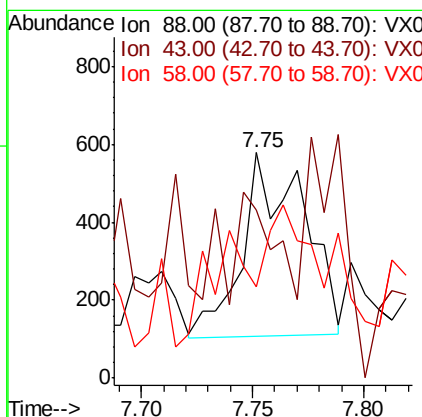
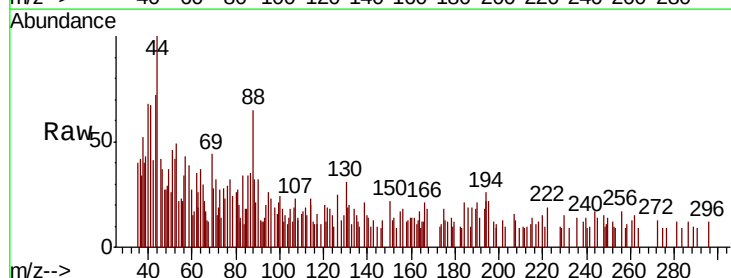
Delta R.T. 0.01 min

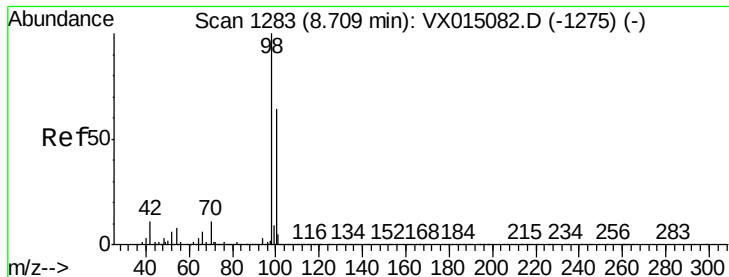
Lab File: VX015101.D

Acq: 05 Mar 2020 11:03

Tgt Ion: 88 Resp: 906

Ion	Ratio	Lower	Upper
88	100		
43	73.7	27.0	40.4#
58	43.5	55.6	83.4#





#50

Toluene-d8

Concen: 49.773 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX015101.D

Acq: 05 Mar 2020 11:03

Instrument :

MSVOA_X

ClientSampleId :

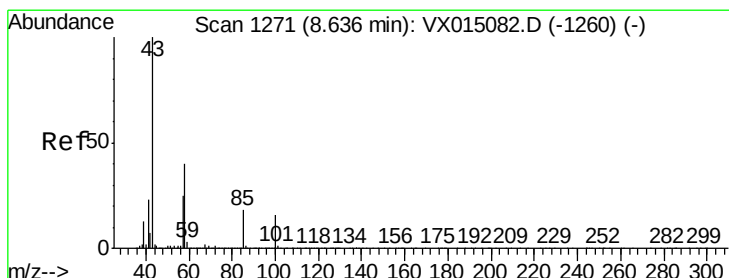
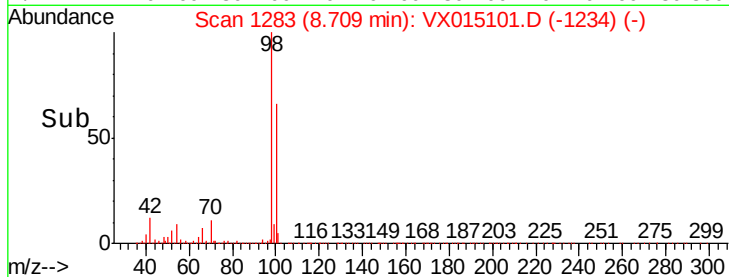
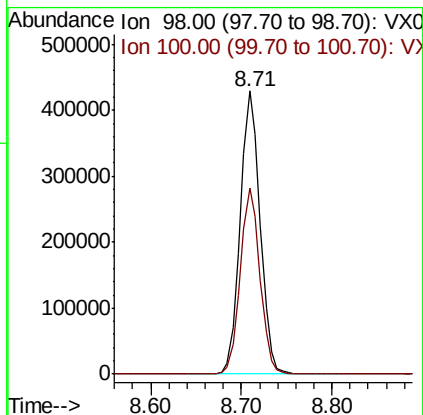
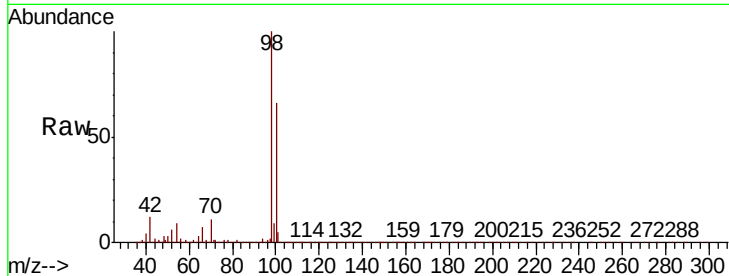
LOD-MDL-WATER-01-QT1-2020DL

Tot Ion: 98 Resp: 652269

Ion Ratio Lower Upper

98 100

100 64.9 52.4 78.6



#51

4-Methyl-2-Pentanone

Concen: 2.227 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX015101.D

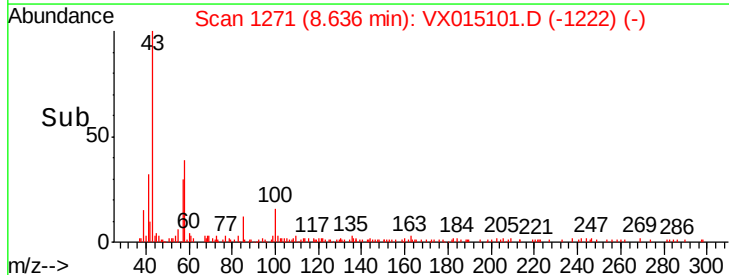
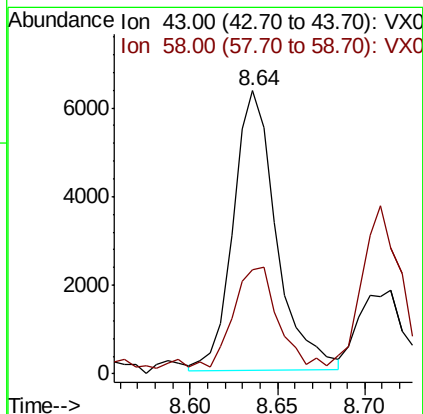
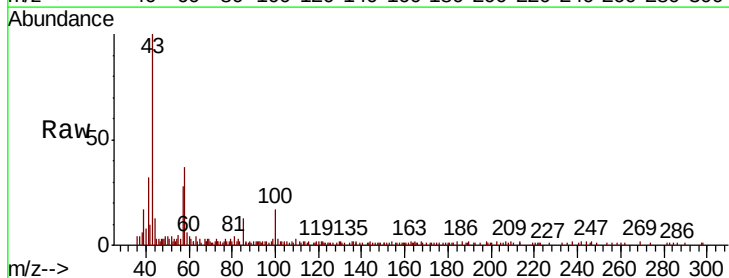
Acq: 05 Mar 2020 11:03

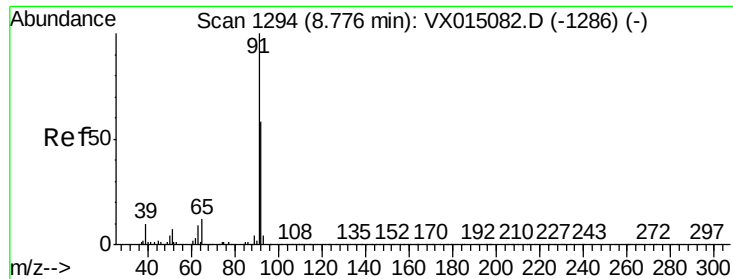
Tgt Ion: 43 Resp: 10848

Ion Ratio Lower Upper

43 100

58 38.2 31.6 47.4





#52

Toluene

Concen: 0.576 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX015101.D

Acq: 05 Mar 2020 11:03

Instrument :

MSVOA_X

ClientSampleId :

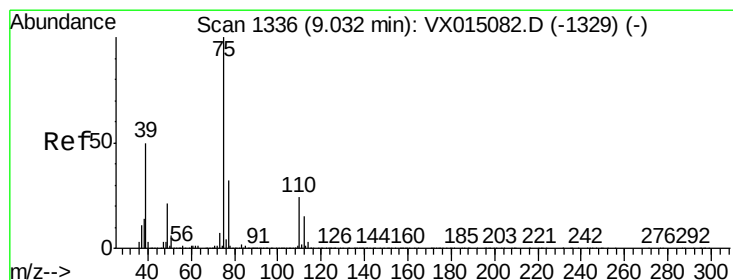
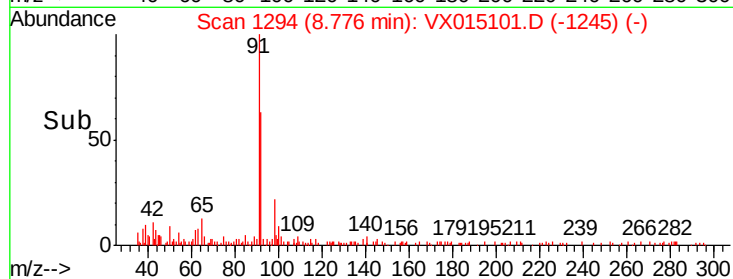
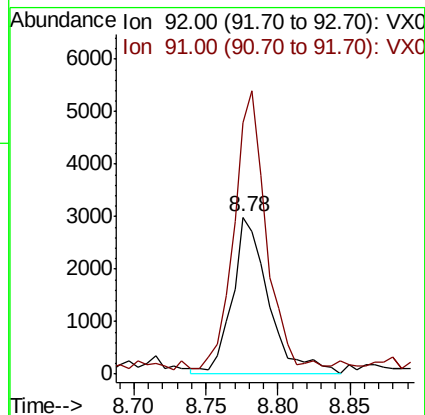
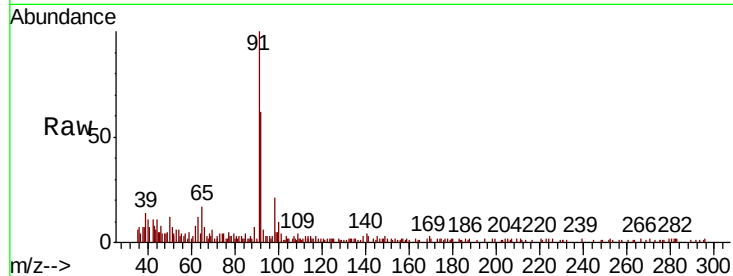
LOD-MDL-WATER-01-QT1-2020DL

Tot Ion: 92 Resp: 5274

Ion Ratio Lower Upper

92 100

91 159.9 136.9 205.3



#53

t-1,3-Dichloropropene

Concen: 0.484 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. 0.01 min

Lab File: VX015101.D

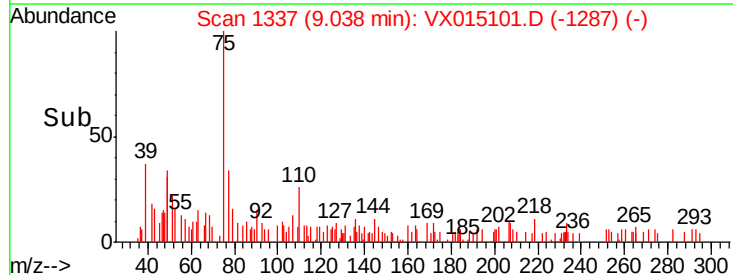
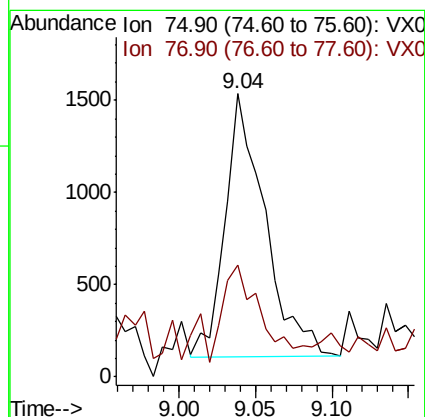
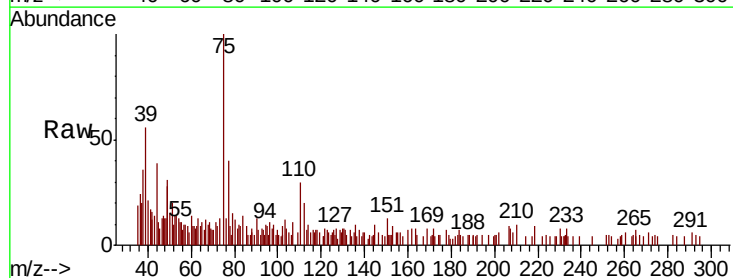
Acq: 05 Mar 2020 11:03

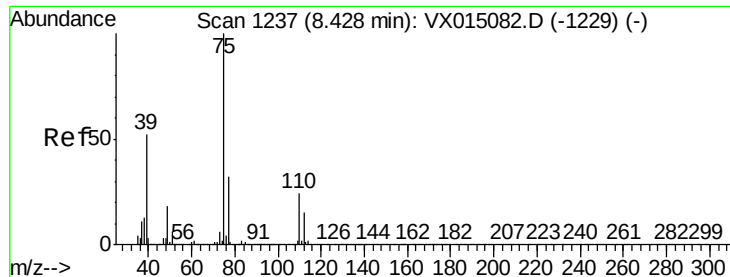
Tgt Ion: 75 Resp: 2573

Ion Ratio Lower Upper

75 100

77 31.0 25.4 38.0





#54

cis-1,3-Dichloropropene

Concen: 0.489 ug/l

RT: 8.43 min Scan# 1238

Delta R.T. 0.01 min

Lab File: VX015101.D

Acq: 05 Mar 2020 11:03

Instrument :

MSVOA_X

ClientSampleId :

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

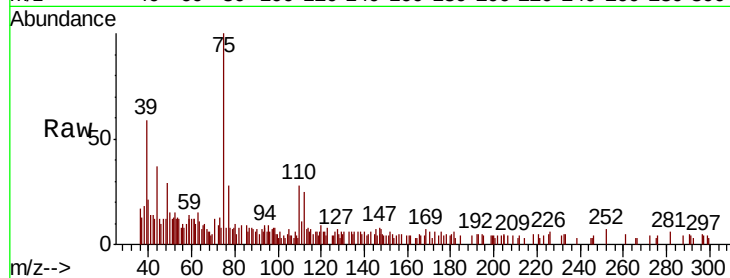
Tot Ion: 75 Resp: 2938

Ion Ratio Lower Upper

75 100

77 21.1 25.8 38.6#

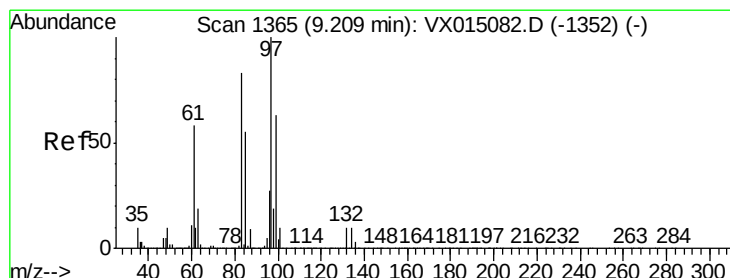
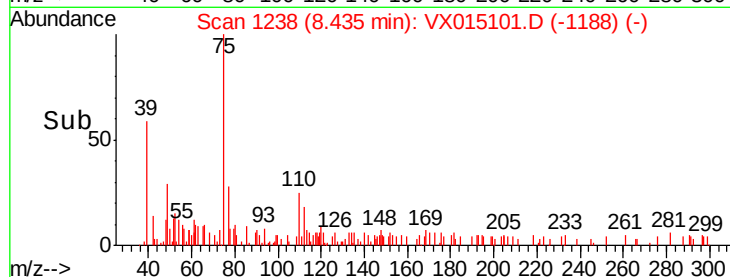
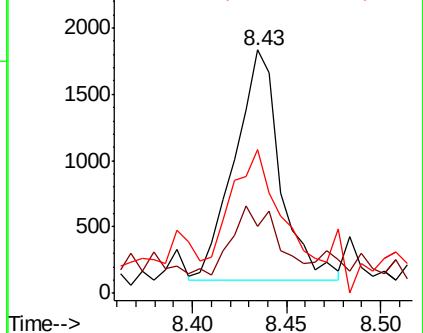
39 41.0 41.3 61.9#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0



#55

1,1,2-Trichloroethane

Concen: 0.573 ug/l

RT: 9.21 min Scan# 1366

Delta R.T. 0.01 min

Lab File: VX015101.D

Acq: 05 Mar 2020 11:03

Tgt Ion: 97 Resp: 2158

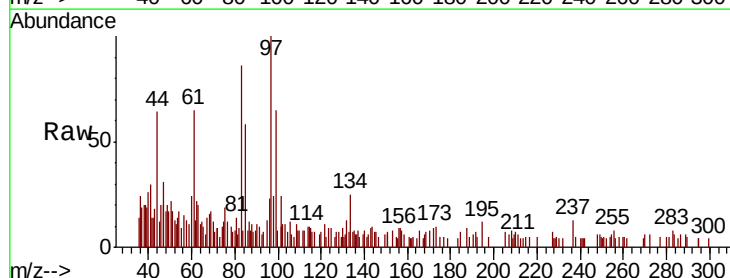
Ion Ratio Lower Upper

97 100

83 74.8 66.4 99.6

85 53.8 43.5 65.3

99 62.8 50.7 76.1

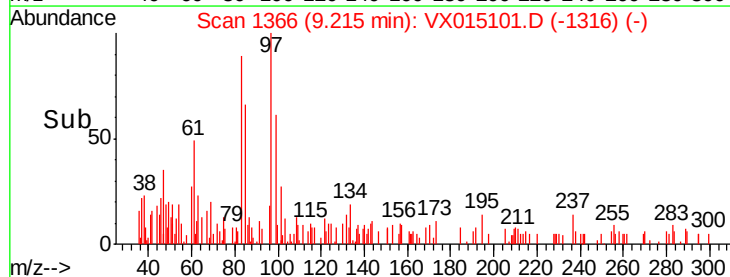
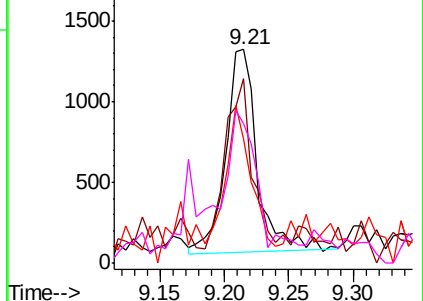


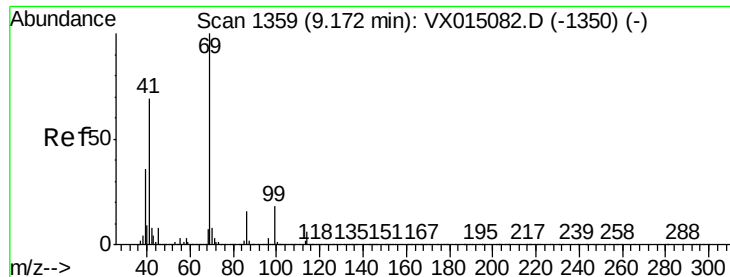
Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0





#56

Ethyl methacrylate

Concen: 0.411 ug/l

RT: 9.18 min Scan# 1360

Delta R.T. 0.01 min

Lab File: VX015101.D

Acq: 05 Mar 2020 11:03

Instrument :

MSVOA_X

ClientSampleId :

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

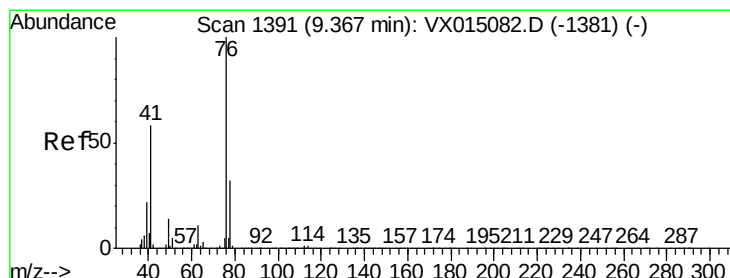
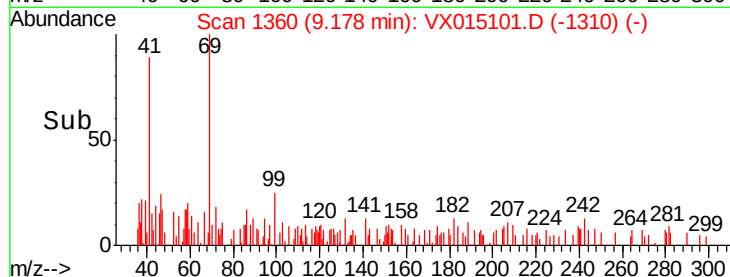
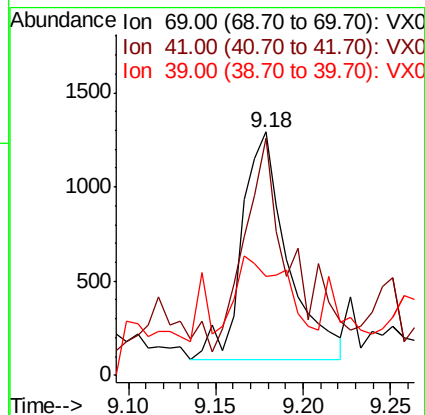
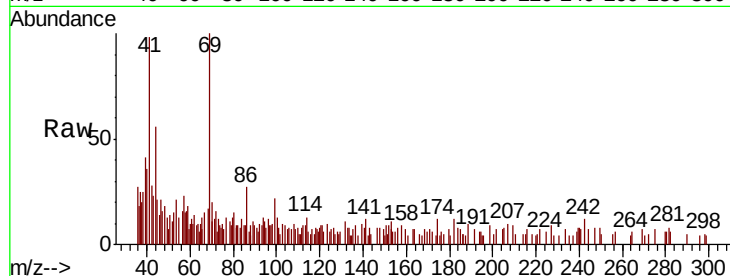
Tot Ion: 69 Resp: 2208

Ion Ratio Lower Upper

69 100

41 96.5 55.8 83.8#

39 48.6 29.4 44.2#



#57

1,3-Dichloropropane

Concen: 0.639 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX015101.D

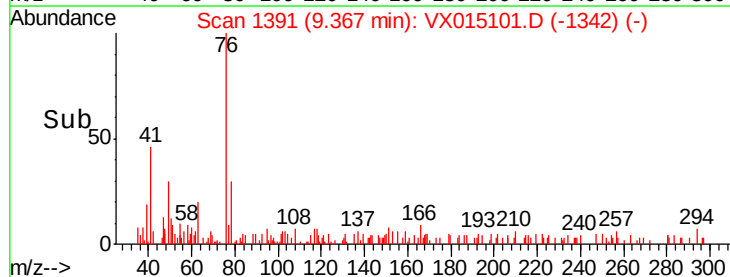
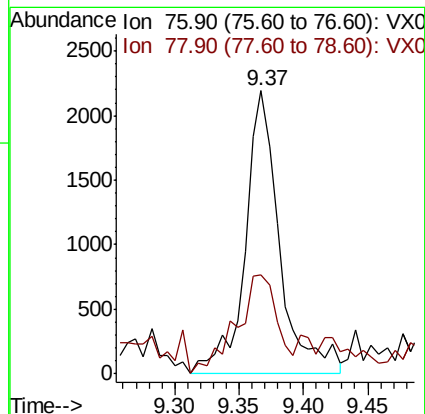
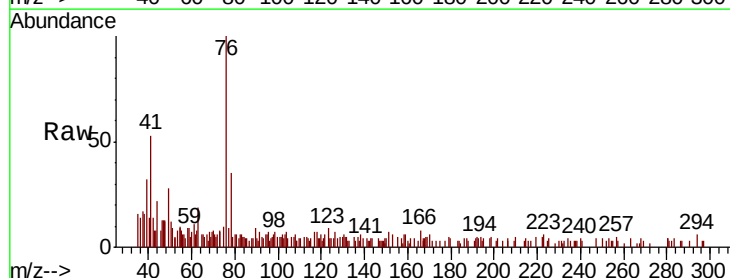
Acq: 05 Mar 2020 11:03

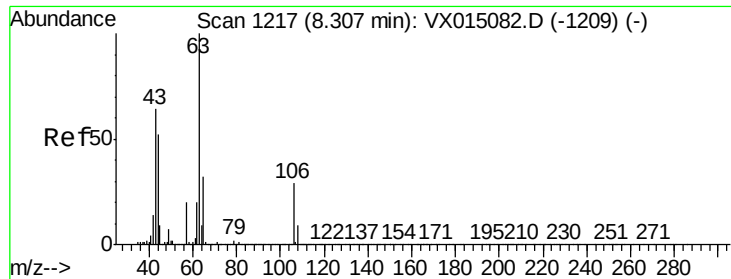
Tgt Ion: 76 Resp: 4052

Ion Ratio Lower Upper

76 100

78 34.3 25.6 38.4

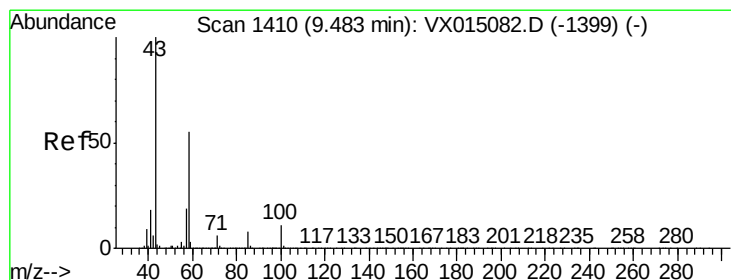
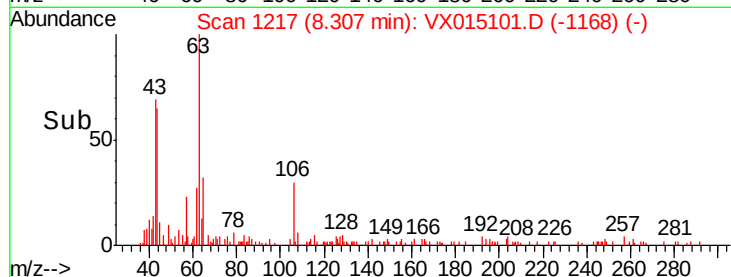
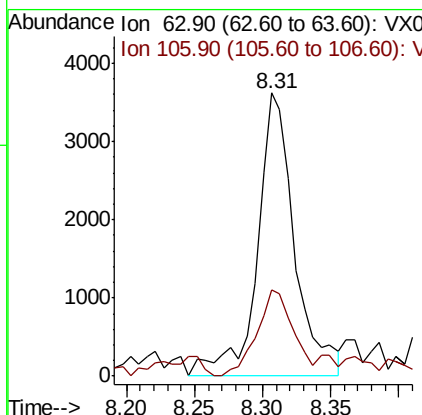
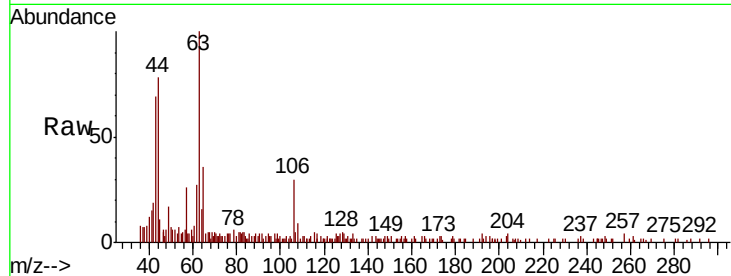




#58
2-Chloroethyl Vinyl ether
Concen: 2.388 ug/l
RT: 8.31 min Scan# 1217
Delta R.T. 0.00 min
Lab File: VX015101.D
Acq: 05 Mar 2020 11:03

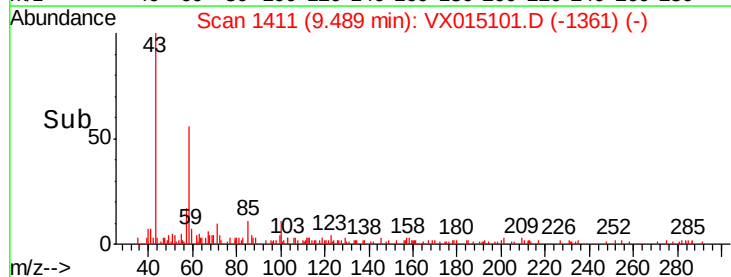
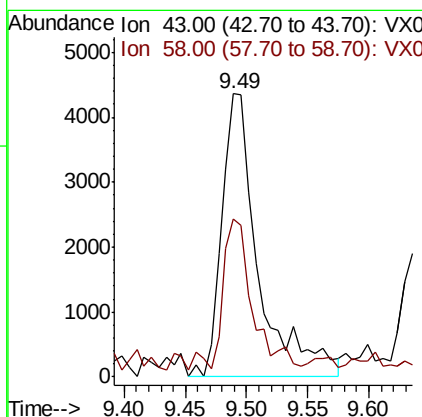
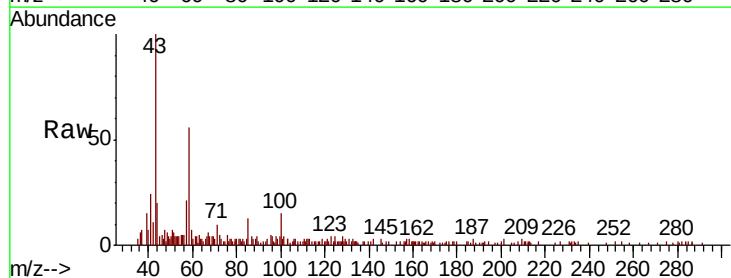
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020DL

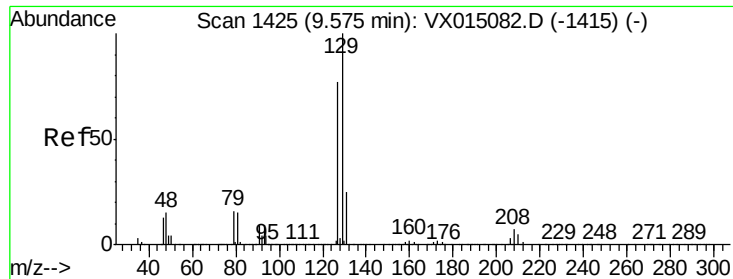
Tot Ion: 63 Resp: 6994
Ion Ratio Lower Upper
63 100
106 29.5 22.8 34.2



#59
2-Hexanone
Concen: 2.516 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.01 min
Lab File: VX015101.D
Acq: 05 Mar 2020 11:03

Tgt Ion: 43 Resp: 9082
Ion Ratio Lower Upper
43 100
58 43.6 27.3 81.8

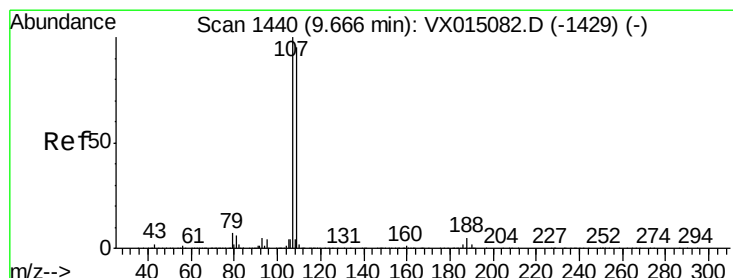
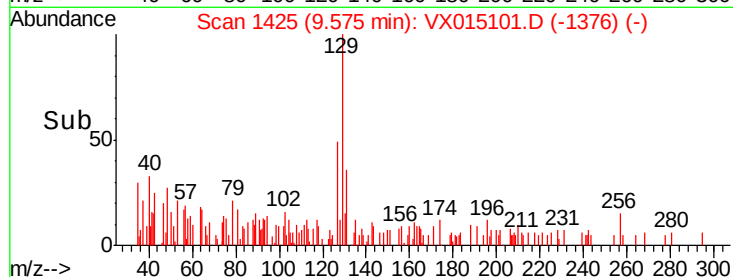
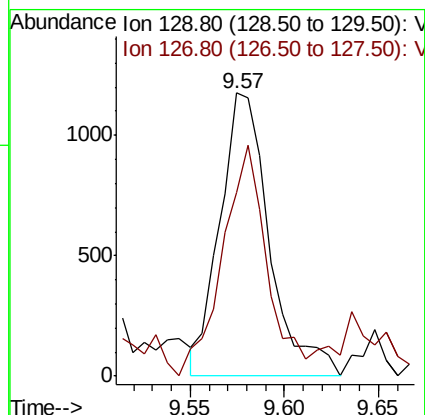
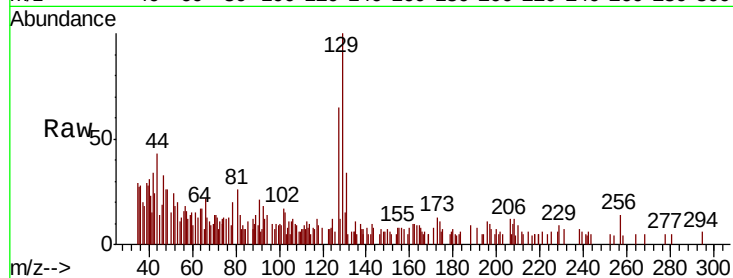




#60
Dibromochloromethane
Concen: 0.542 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. 0.00 min
Lab File: VX015101.D
Acq: 05 Mar 2020 11:03

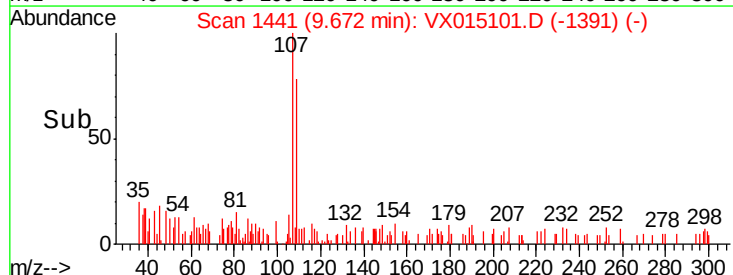
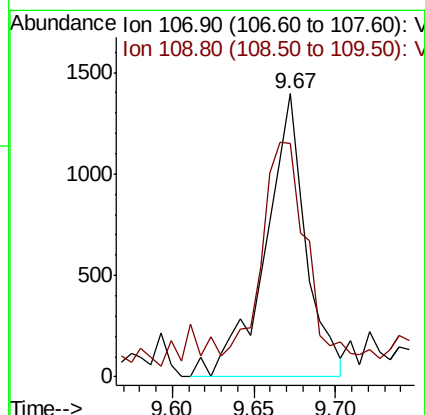
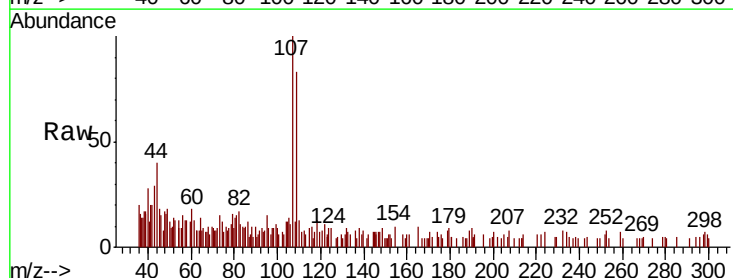
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020DL

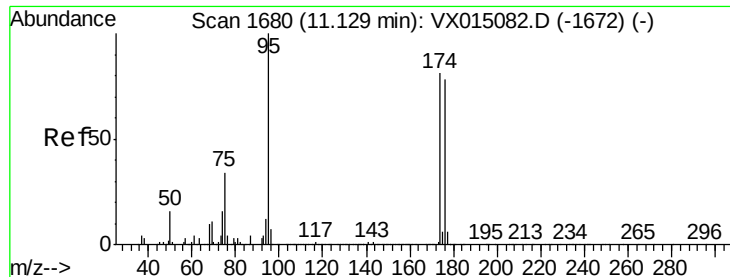
Tot Ion:129 Resp: 2148
Ion Ratio Lower Upper
129 100
127 74.7 38.8 116.3



#61
1,2-Dibromoethane
Concen: 0.604 ug/l
RT: 9.67 min Scan# 1441
Delta R.T. 0.01 min
Lab File: VX015101.D
Acq: 05 Mar 2020 11:03

Tgt Ion:107 Resp: 2392
Ion Ratio Lower Upper
107 100
109 85.0 75.6 113.4





#62

4-Bromofluorobenzene

Concen: 47.238 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX015101.D

Acq: 05 Mar 2020 11:03

Instrument :

MSVOA_X

ClientSampleId :

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

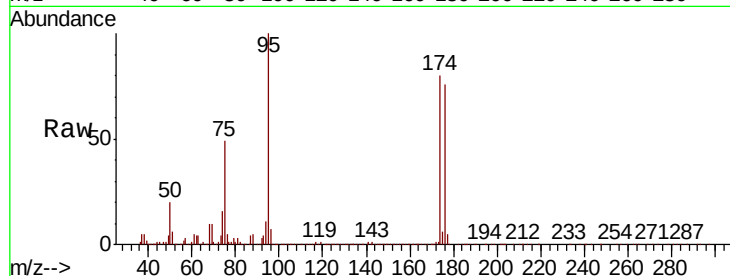
Tot Ion: 95 Resp: 220808

Ion Ratio Lower Upper

95 100

174 88.0 0.0 177.6

176 85.1 0.0 170.2

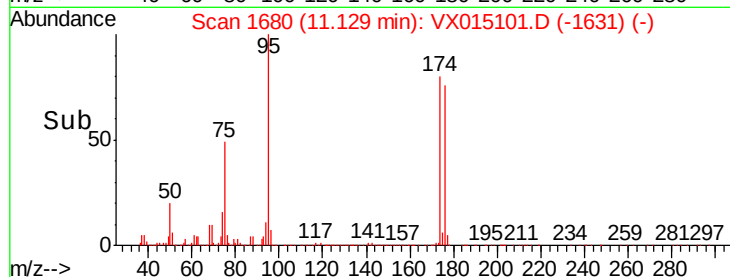


Abundance Ion 94.90 (94.60 to 95.60): VX015101.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX015101.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX015101.D (-1631) (-)

Time-->

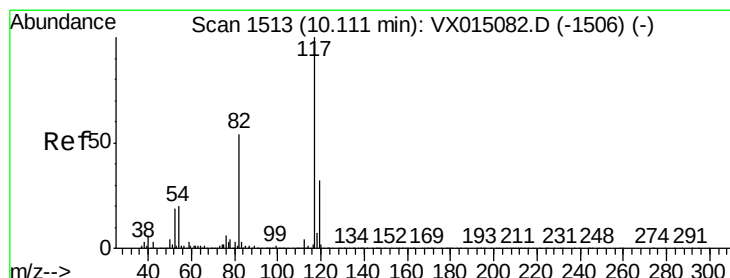


Abundance Ion 94.90 (94.60 to 95.60): VX015101.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX015101.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX015101.D (-1631) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX015101.D

Acq: 05 Mar 2020 11:03

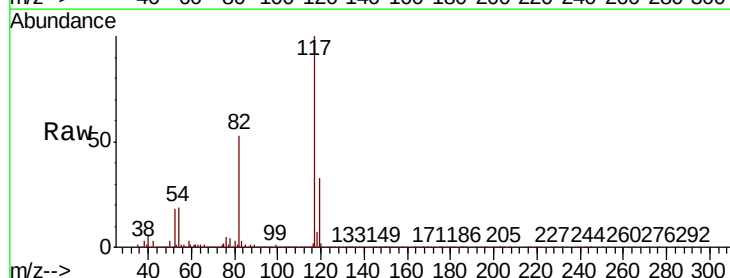
Tgt Ion: 117 Resp: 500067

Ion Ratio Lower Upper

117 100

82 52.7 43.3 64.9

119 32.5 25.8 38.8

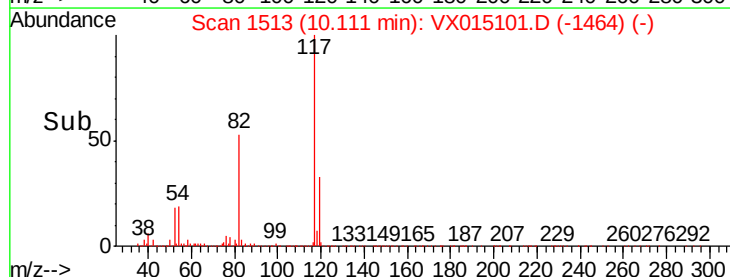


Abundance Ion 116.90 (116.60 to 117.60): VX015101.D (-1464) (-)

Ion 82.00 (81.70 to 82.70): VX015101.D (-1464) (-)

Ion 118.90 (118.60 to 119.60): VX015101.D (-1464) (-)

Time-->

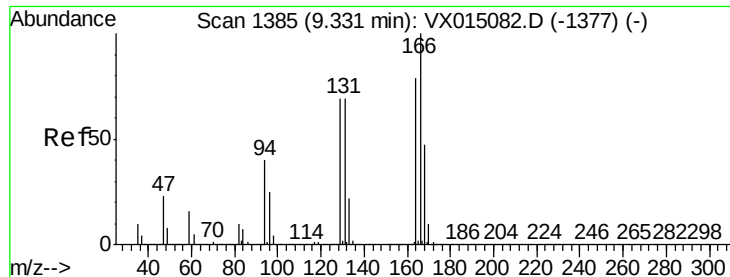


Abundance Ion 116.90 (116.60 to 117.60): VX015101.D (-1464) (-)

Ion 82.00 (81.70 to 82.70): VX015101.D (-1464) (-)

Ion 118.90 (118.60 to 119.60): VX015101.D (-1464) (-)

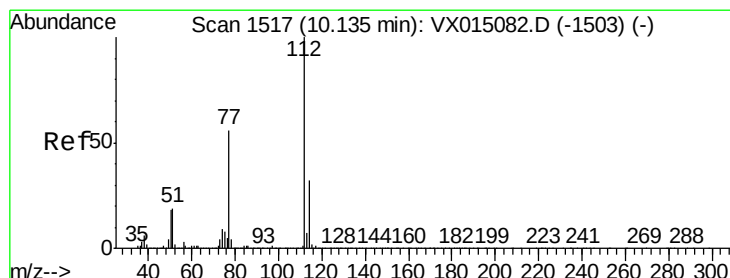
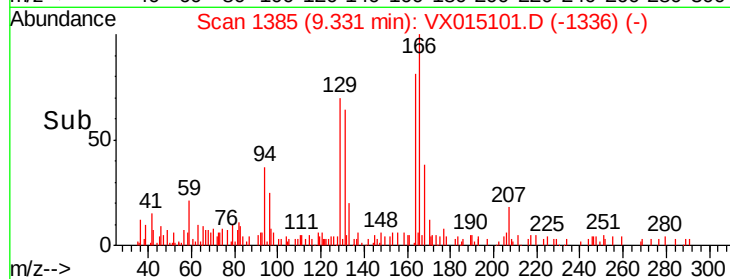
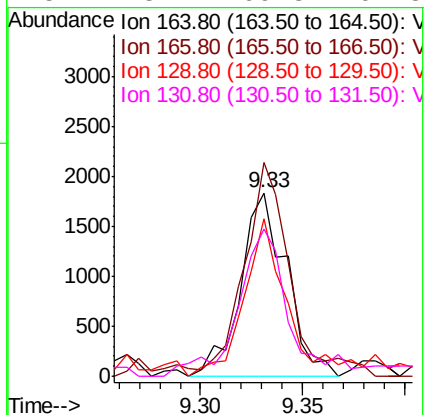
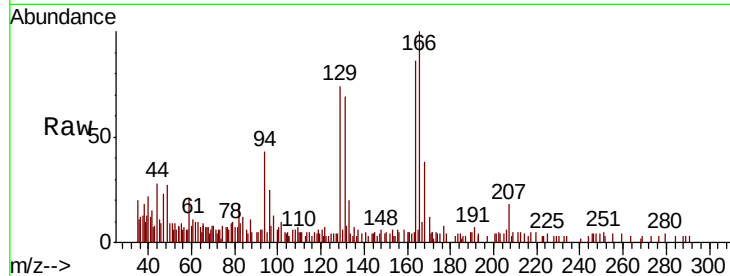
Time-->



#64
Tetrachloroethene
Concen: 0.688 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX015101.D
Acq: 05 Mar 2020 11:03

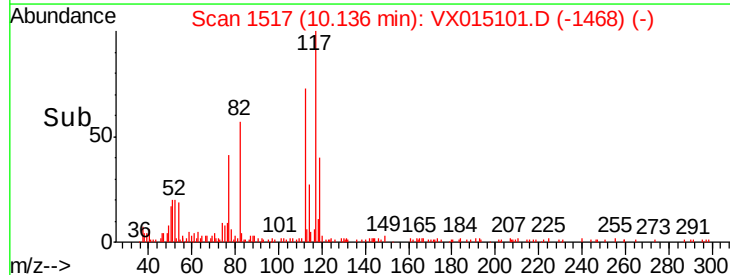
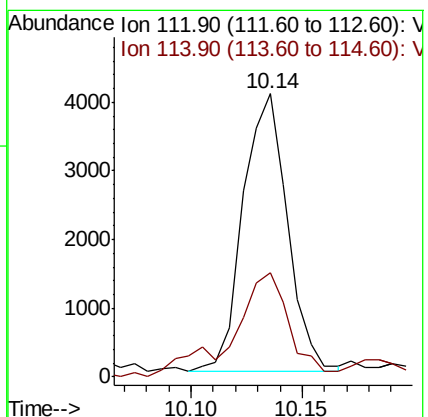
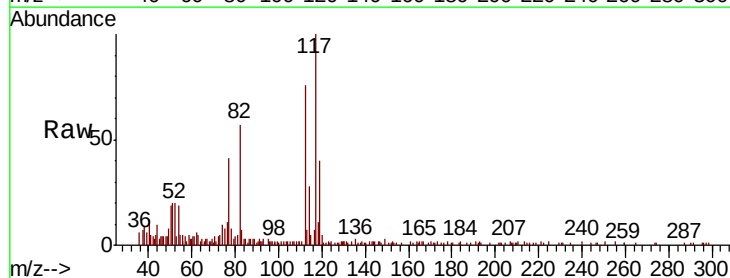
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020DL

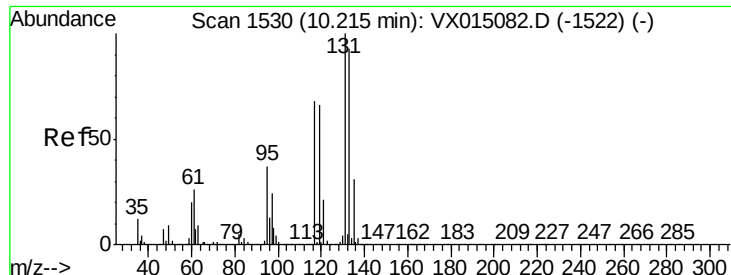
Tot Ion:	164	Resp:	2843
Ion	Ratio	Lower	Upper
164	100		
166	112.1	101.1	151.7
129	85.7	69.4	104.0
131	73.4	69.8	104.8



#65
Chlorobenzene
Concen: 0.560 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX015101.D
Acq: 05 Mar 2020 11:03

Tgt Ion:	112	Resp:	5625
Ion	Ratio	Lower	Upper
112	100		
114	35.5	25.5	38.3





#66

1,1,1,2-Tetrachloroethane

Concen: 0.606 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX015101.D

Acq: 05 Mar 2020 11:03

Instrument :

MSVOA_X

ClientSampleId :

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

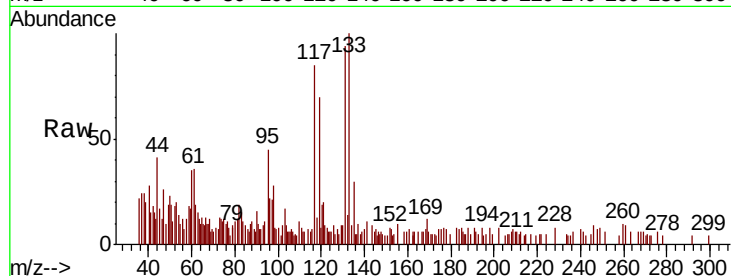
Tot Ion:131 Resp: 2296

Ion Ratio Lower Upper

131 100

133 87.9 47.5 142.5

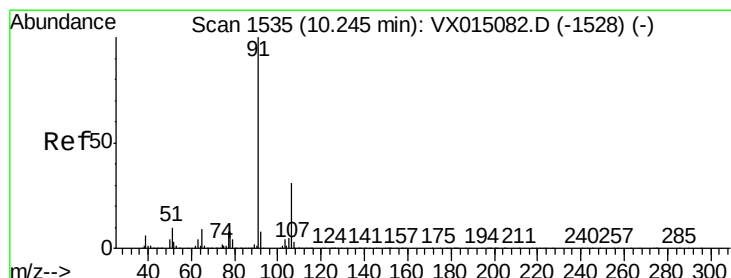
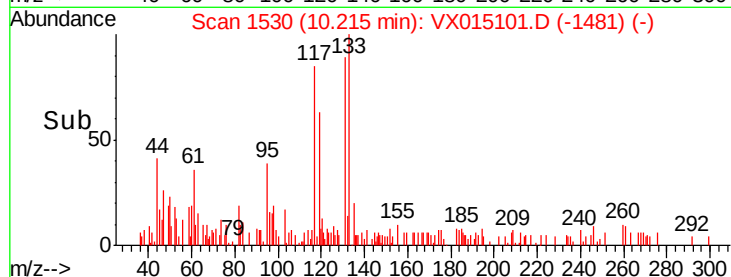
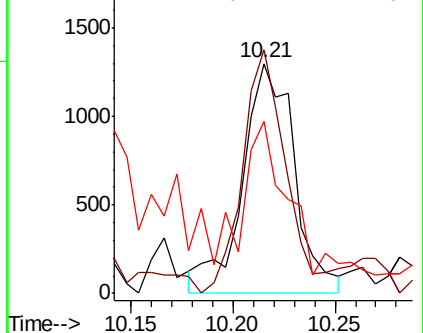
119 0.0 33.4 100.1#



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: 0.533 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX015101.D

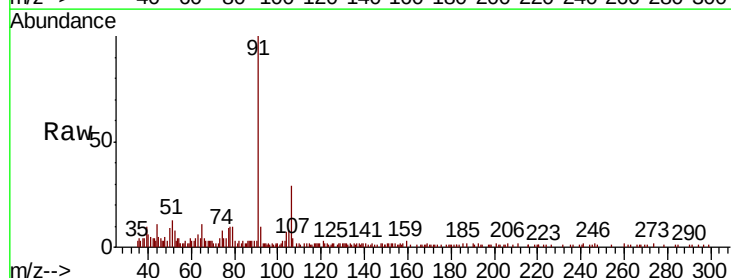
Acq: 05 Mar 2020 11:03

Tgt Ion: 91 Resp: 9092

Ion Ratio Lower Upper

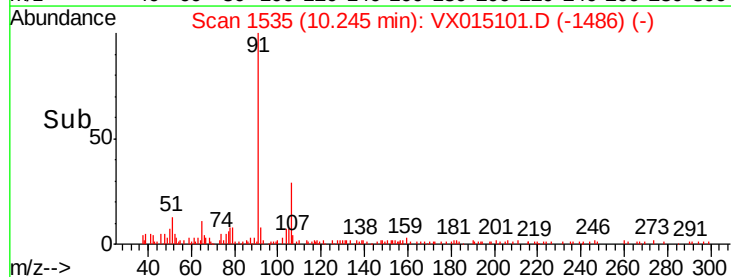
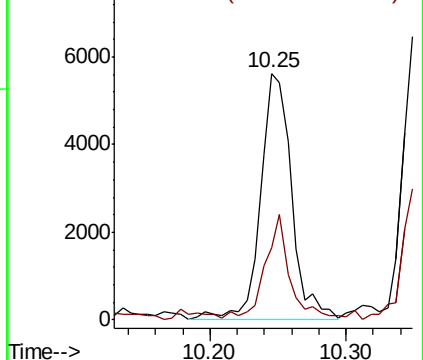
91 100

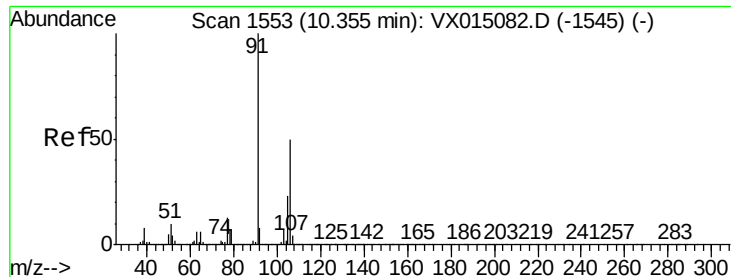
106 27.7 24.9 37.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





#68

m/p-Xylenes

Concen: 0.983 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX015101.D

Acq: 05 Mar 2020 11:03

Instrument :

MSVOA_X

ClientSampleId :

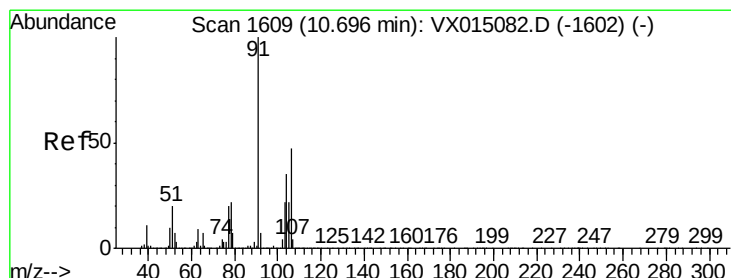
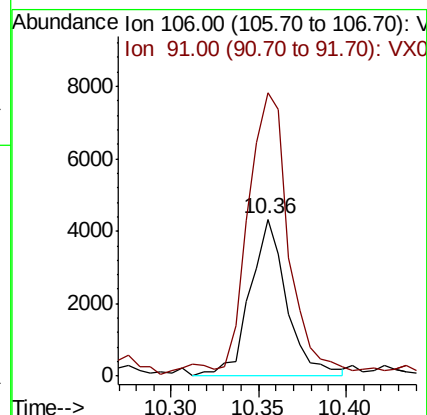
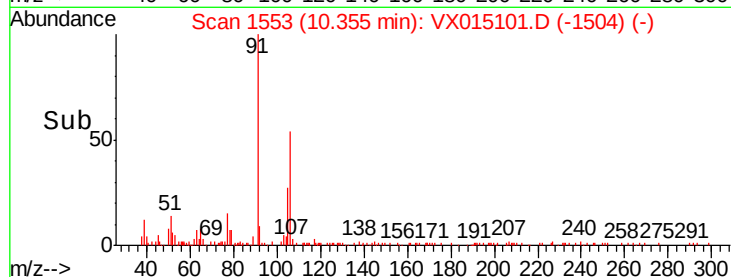
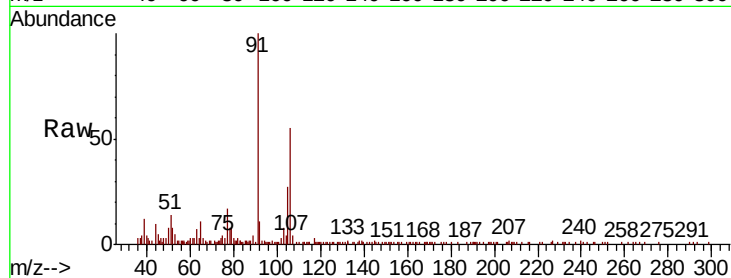
LOD-MDL-WATER-01-QT1-2020DL

Tot Ion:106 Resp: 6379

Ion Ratio Lower Upper

106 100

91 187.9 159.4 239.2



#69

o-Xylene

Concen: 0.475 ug/l

RT: 10.70 min Scan# 1609

Delta R.T. 0.00 min

Lab File: VX015101.D

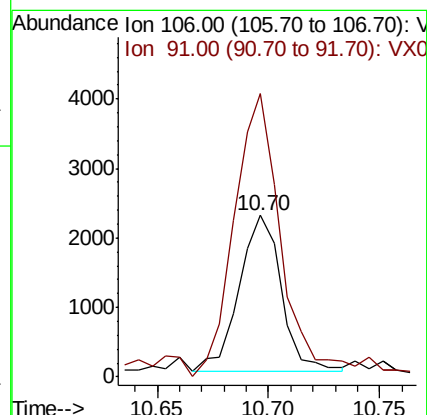
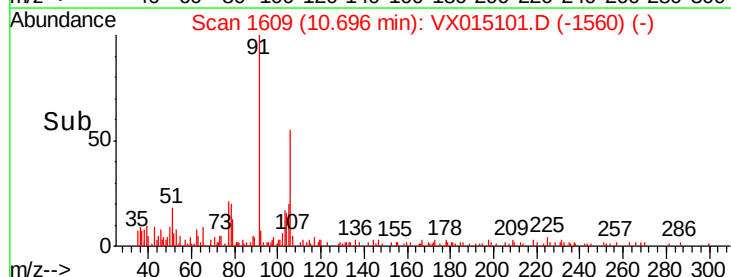
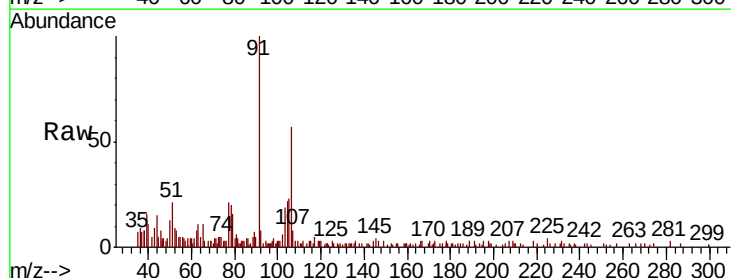
Acq: 05 Mar 2020 11:03

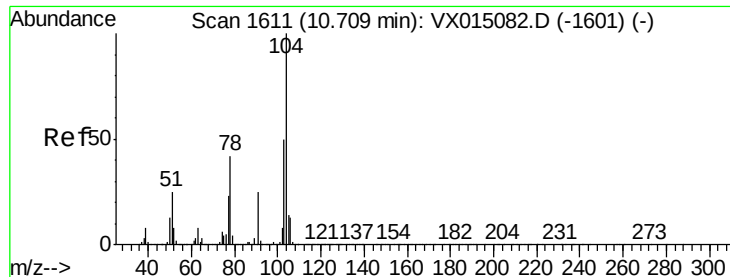
Tgt Ion:106 Resp: 2948

Ion Ratio Lower Upper

106 100

91 209.5 105.4 316.1

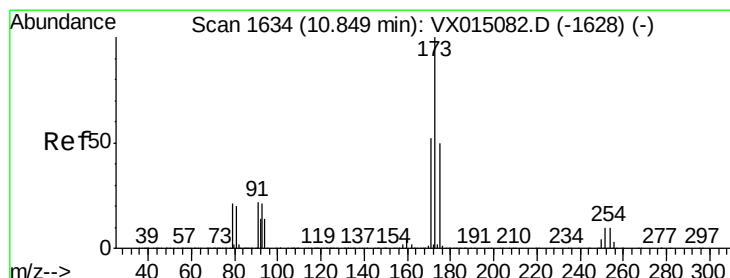
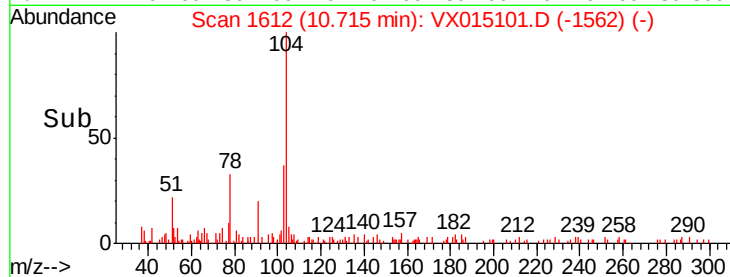
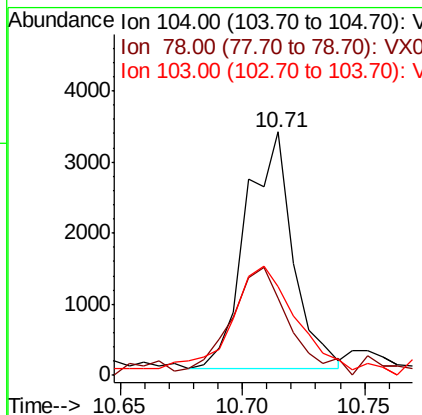
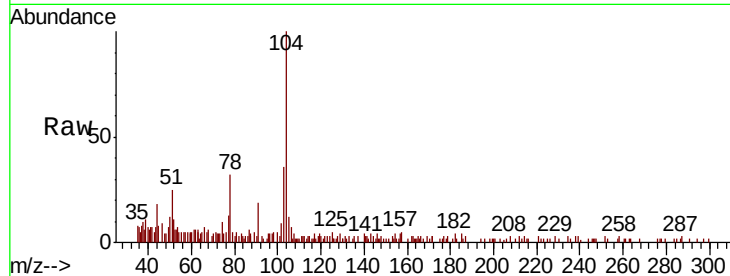




#70
Stvrene
Concen: 0.415 ug/l
RT: 10.71 min Scan# 1612
Delta R.T. 0.01 min
Lab File: VX015101.D
Acq: 05 Mar 2020 11:03

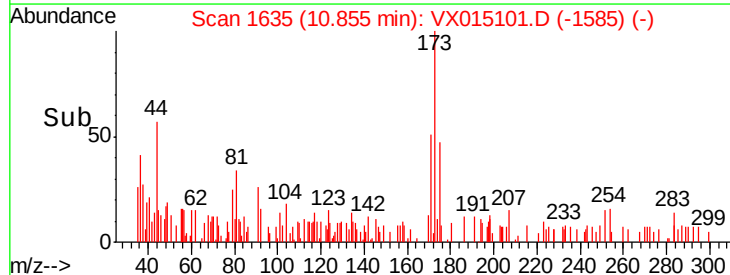
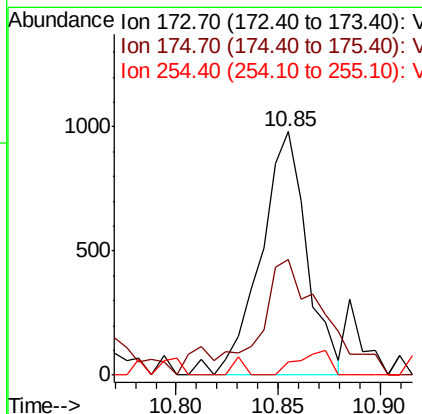
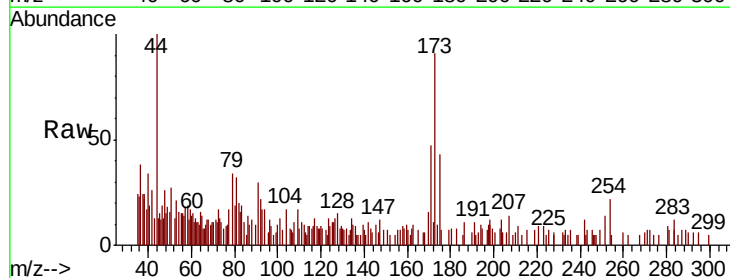
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020DL

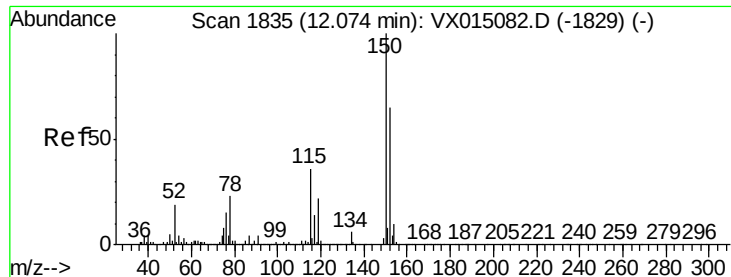
Tot Ion:104 Resp: 4422
Ion Ratio Lower Upper
104 100
78 57.5 39.0 58.4
103 69.2 43.7 65.5#



#71
Bromoform
Concen: 0.527 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.01 min
Lab File: VX015101.D
Acq: 05 Mar 2020 11:03

Tgt Ion:173 Resp: 1547
Ion Ratio Lower Upper
173 100
175 59.1 24.9 74.7
254 6.9 0.2 0.2#

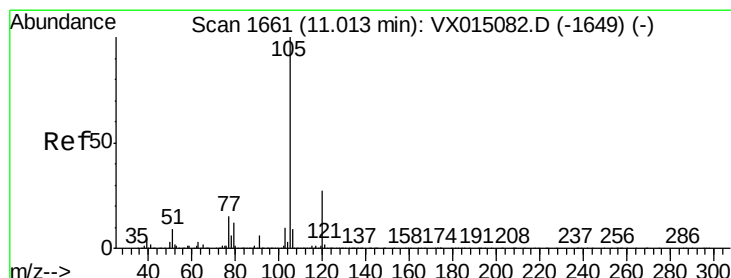
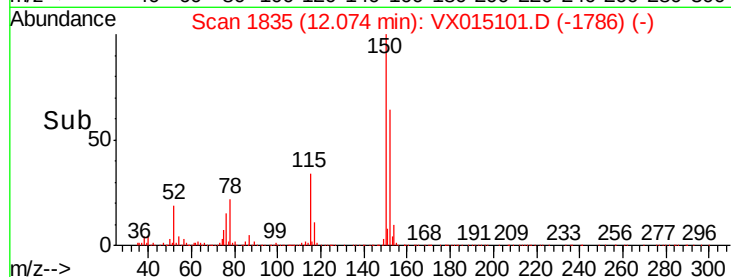
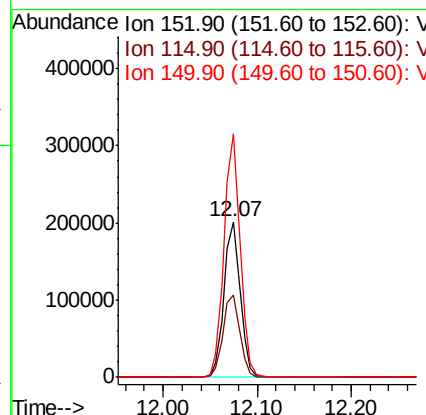
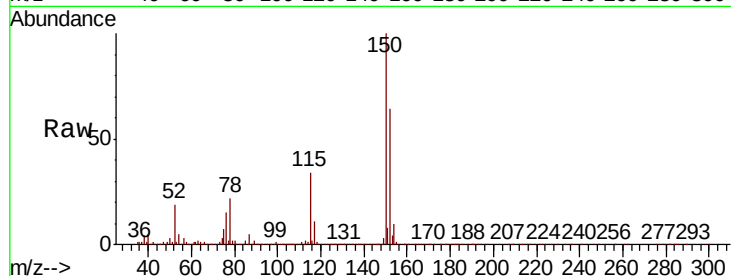




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.07 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX015101.D
 Acq: 05 Mar 2020 11:03

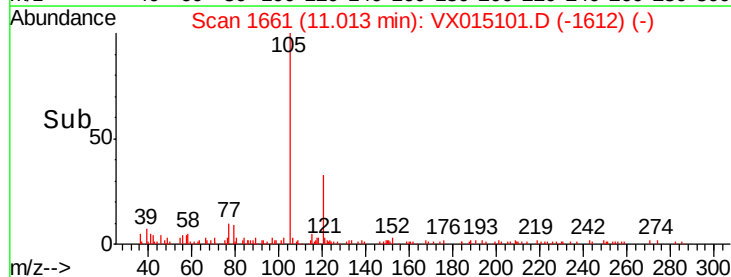
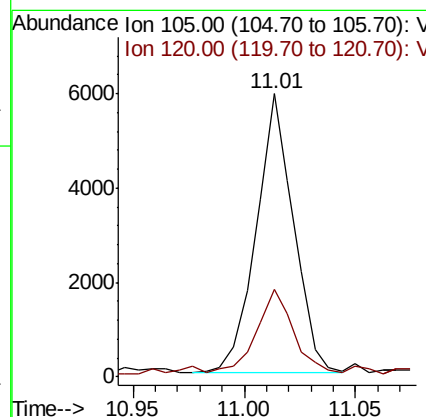
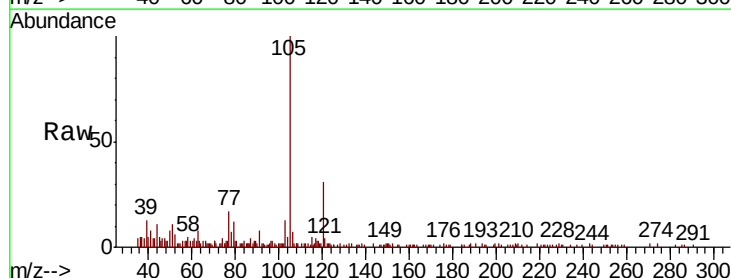
Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2020DL

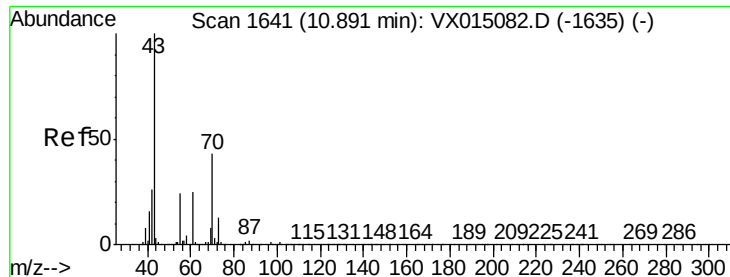
Tot Ion	Ratio	Lower	Upper
152	100		
115	54.9	38.2	114.6
150	154.8	0.0	343.8



#73
 Isopropylbenzene
 Concen: 0.444 ug/l
 RT: 11.01 min Scan# 1661
 Delta R.T. 0.00 min
 Lab File: VX015101.D
 Acq: 05 Mar 2020 11:03

Tgt Ion	Ratio	Lower	Upper
105	100		
120	32.1	13.5	40.5





#74

N-amvl acetate

Concen: 0.442 ug/l

RT: 10.90 min Scan# 1642

Delta R.T. 0.01 min

Lab File: VX015101.D

Acq: 05 Mar 2020 11:03

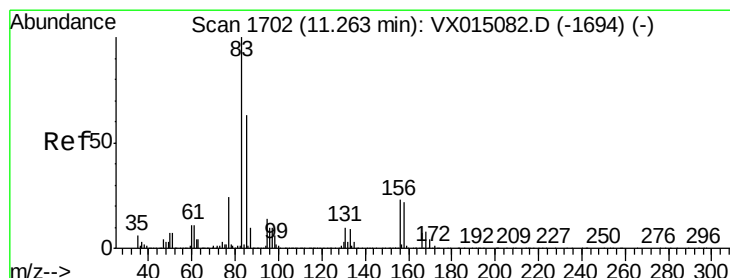
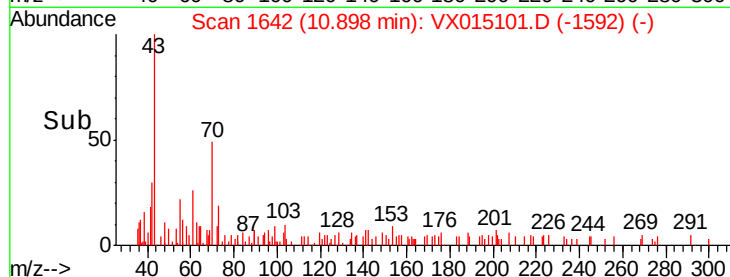
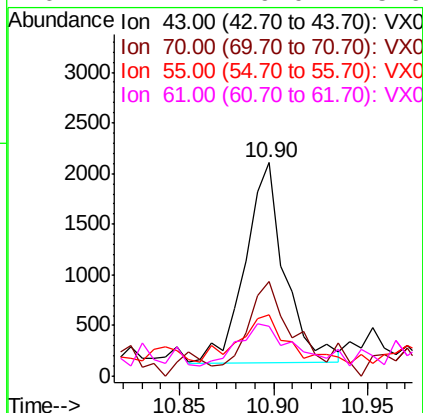
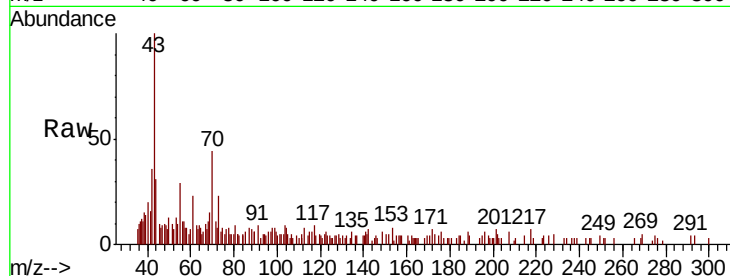
Instrument :

MSVOA_X

ClientSampleId :

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

Tot Ion:	43	Resp:	2891
Ion	Ratio	Lower	Upper
43	100		
70	41.6	34.7	52.1
55	30.3	19.4	29.0#
61	27.4	19.0	28.6



#75

1,1,2,2-Tetrachloroethane

Concen: 0.650 ug/l

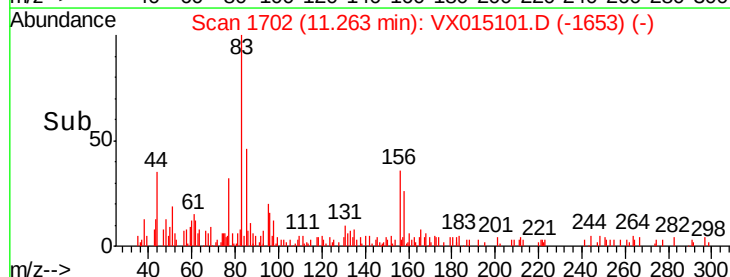
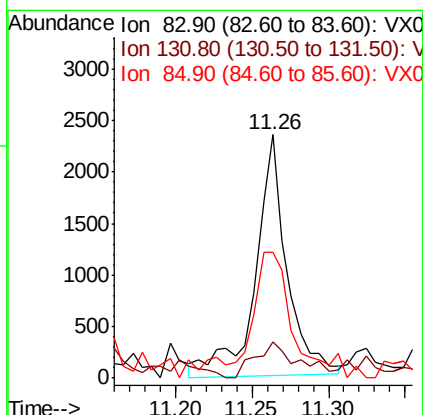
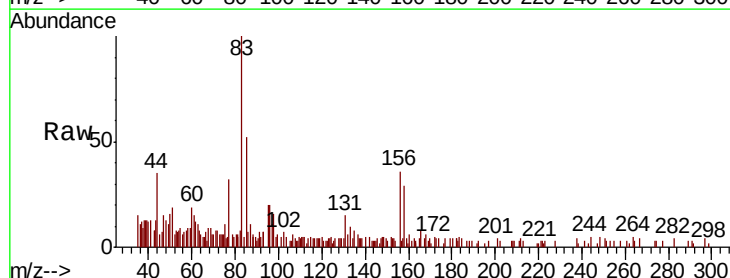
RT: 11.26 min Scan# 1702

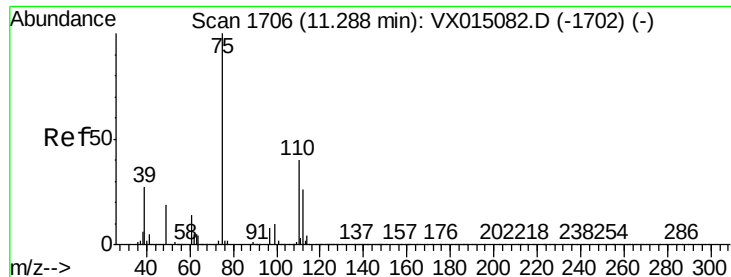
Delta R.T. 0.00 min

Lab File: VX015101.D

Acq: 05 Mar 2020 11:03

Tgt Ion:	83	Resp:	3363
Ion	Ratio	Lower	Upper
83	100		
131	20.3	5.0	14.9#
85	65.8	31.9	95.9





#76

1,2,3-Trichloropropane

Concen: 22.664 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.16 min

Lab File: VX015101.D

Acq: 05 Mar 2020 11:03

Instrument :

MSVOA_X

ClientSampleId :

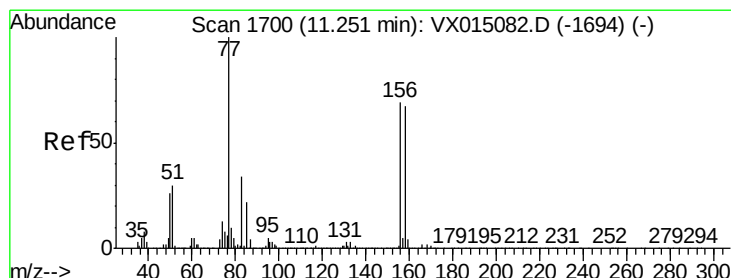
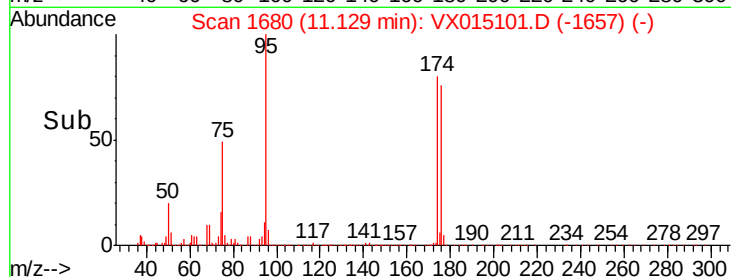
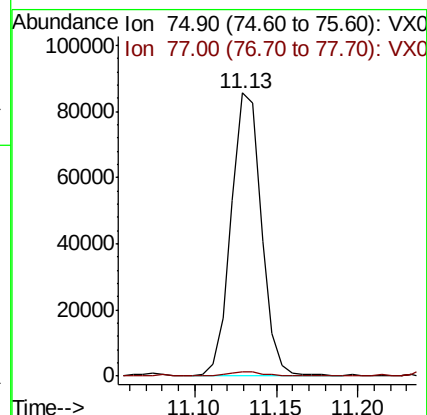
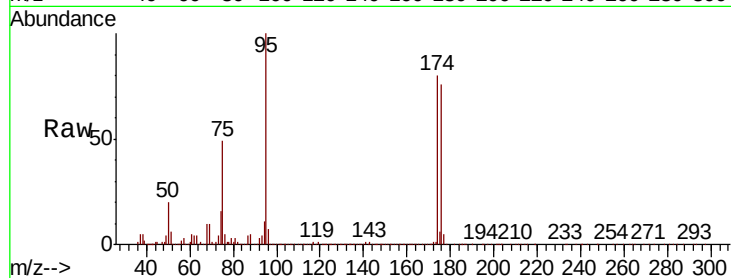
LOD-MDL-WATER-01-QT1-2020DL

Tot Ion: 75 Resp: 109846

Ion Ratio Lower Upper

75 100

77 1.9 22.6 67.8#



#77

Bromobenzene

Concen: 0.605 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX015101.D

Acq: 05 Mar 2020 11:03

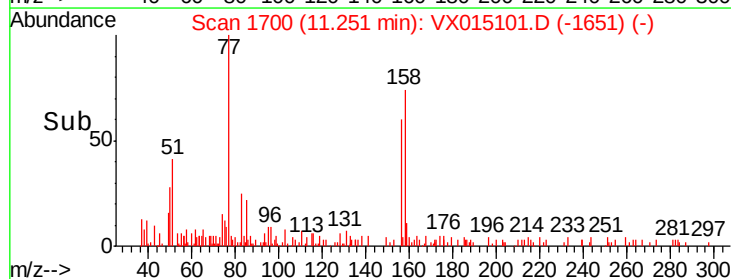
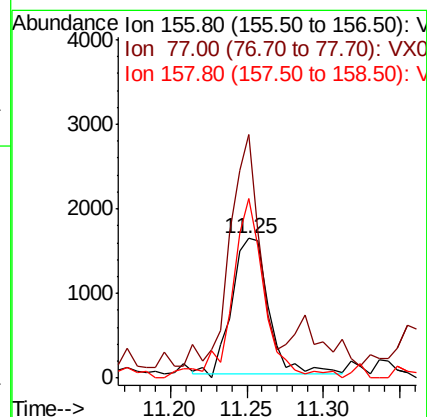
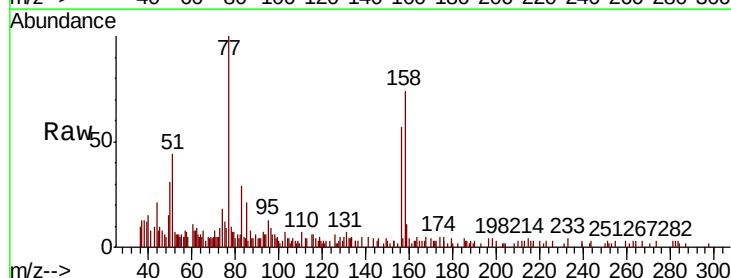
Tgt Ion: 156 Resp: 2619

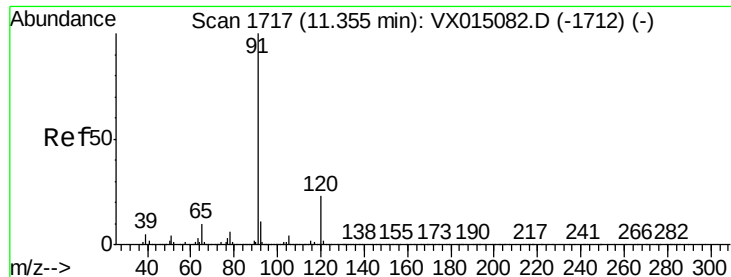
Ion Ratio Lower Upper

156 100

77 153.6 75.3 225.9

158 118.0 48.5 145.6





#78

n-propylbenzene

Concen: 0.472 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX015101.D

Acq: 05 Mar 2020 11:03

Instrument :

MSVOA_X

ClientSampleId :

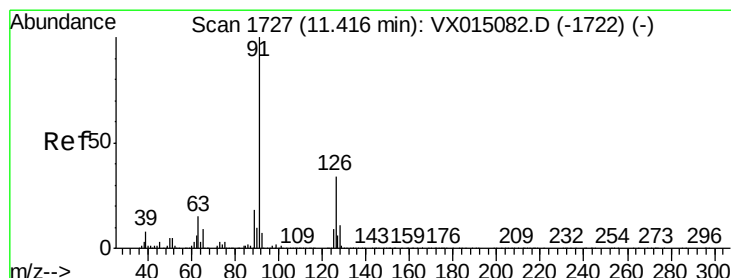
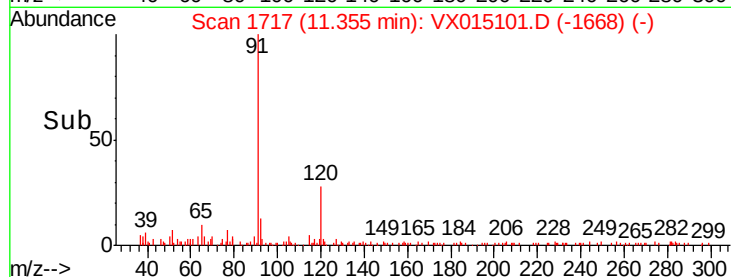
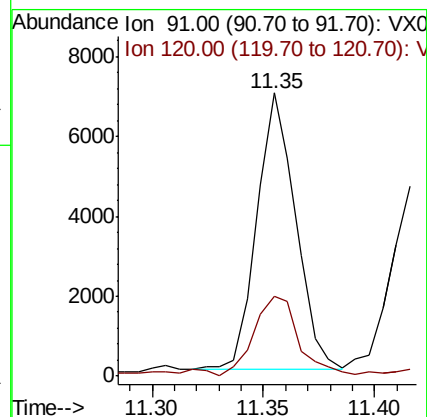
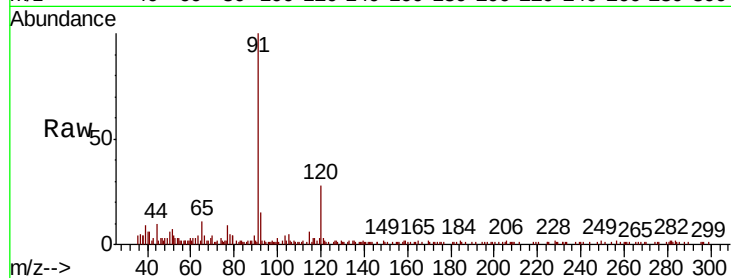
LOD-MDL-WATER-01-QT1-2020DL

Tot Ion: 91 Resp: 8377

Ion Ratio Lower Upper

91 100

120 33.7 11.7 35.1



#79

2-Chlorotoluene

Concen: 0.608 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX015101.D

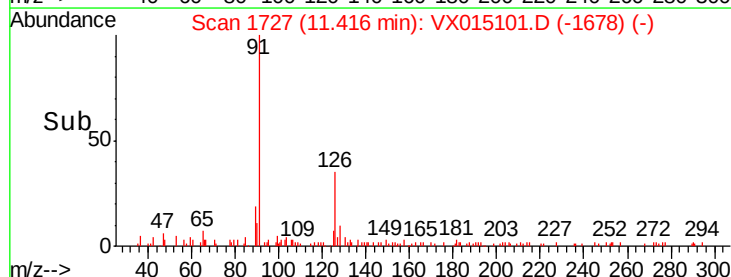
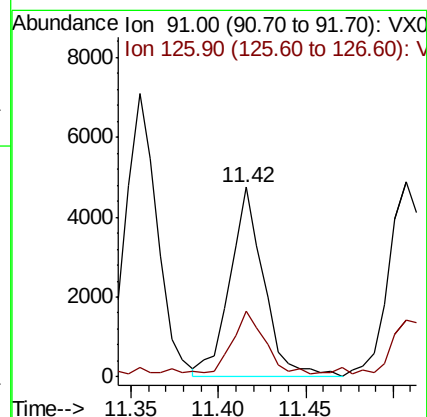
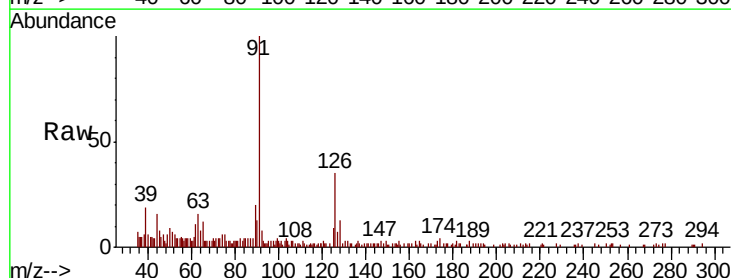
Acq: 05 Mar 2020 11:03

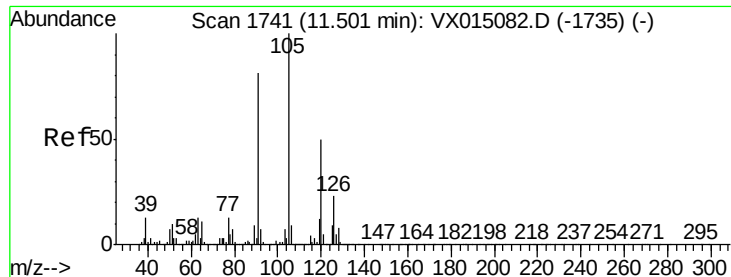
Tgt Ion: 91 Resp: 6439

Ion Ratio Lower Upper

91 100

126 32.2 17.3 52.0





#80

1,3,5-Trimethylbenzene

Concen: 0.435 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX015101.D

Acq: 05 Mar 2020 11:03

Instrument :

MSVOA_X

ClientSampleId :

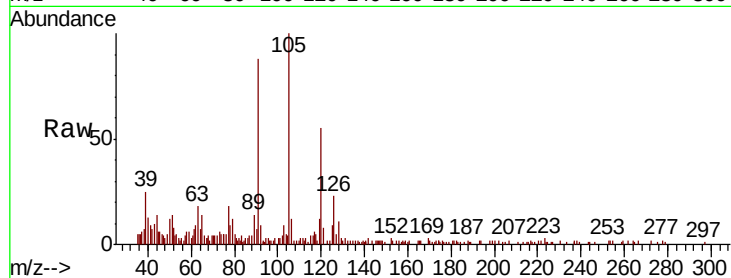
LOD-MDL-WATER-01-QT1-2020DL

Tot Ion:105 Resp: 5624

Ion Ratio Lower Upper

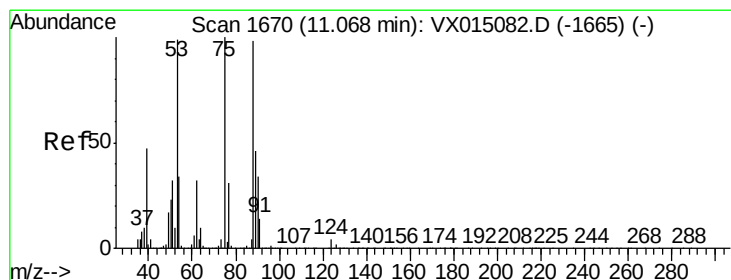
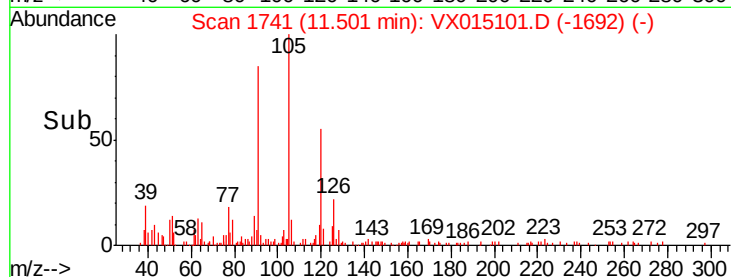
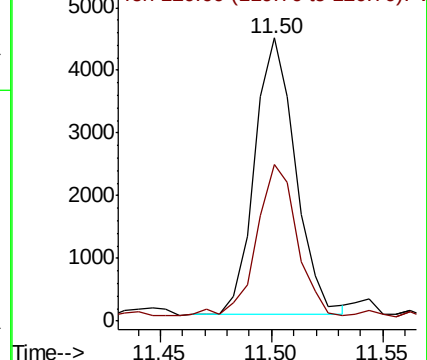
105 100

120 54.4 25.1 75.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 64.321 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.06 min

Lab File: VX015101.D

Acq: 05 Mar 2020 11:03

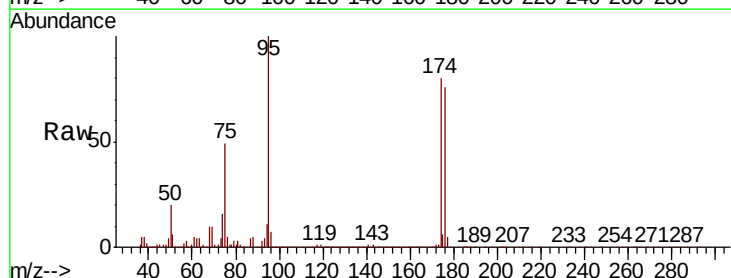
Tgt Ion: 75 Resp: 109846

Ion Ratio Lower Upper

75 100

53 0.3 77.9 116.9#

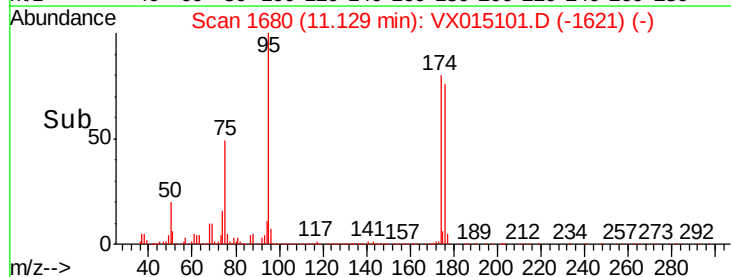
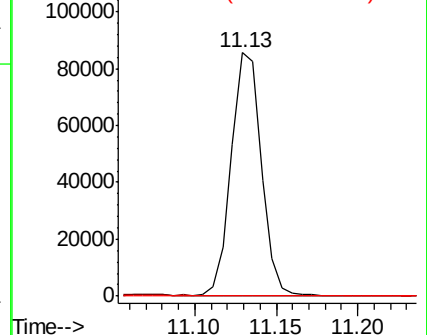
89 0.0 36.2 54.2#

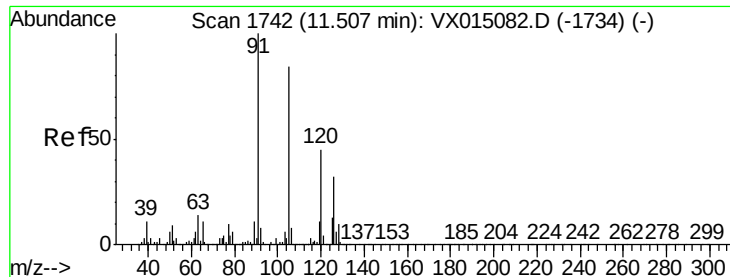


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0





#82

4-Chlorotoluene

Concen: 0.602 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX015101.D

Acq: 05 Mar 2020 11:03

Instrument :

MSVOA_X

ClientSampleId :

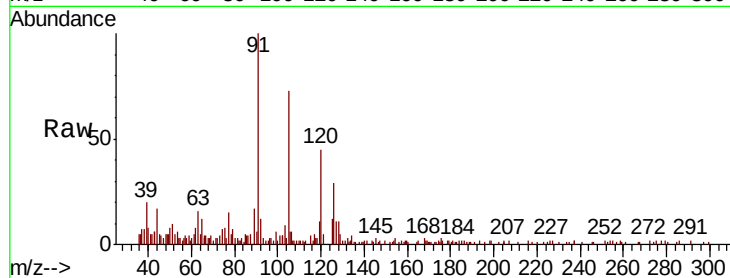
LOD-MDL-WATER-01-QT1-2020DL

Tot Ion: 91 Resp: 7526

Ion Ratio Lower Upper

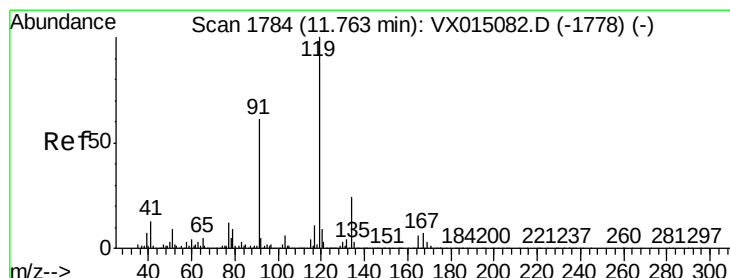
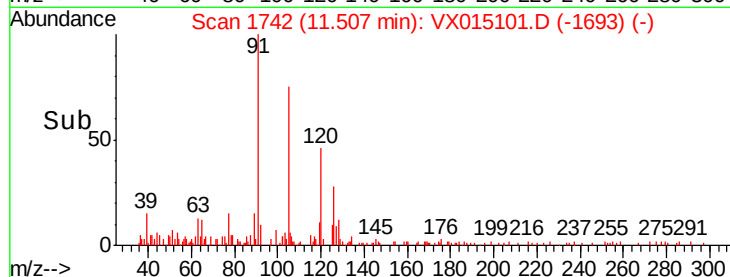
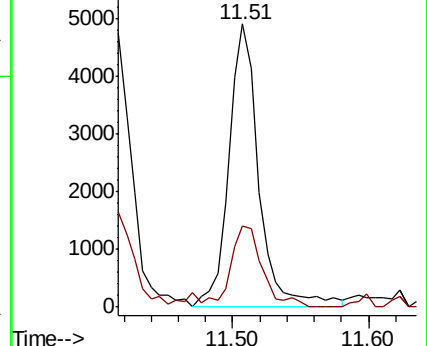
91 100

126 28.8 15.4 46.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#83

tert-Butylbenzene

Concen: 0.486 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX015101.D

Acq: 05 Mar 2020 11:03

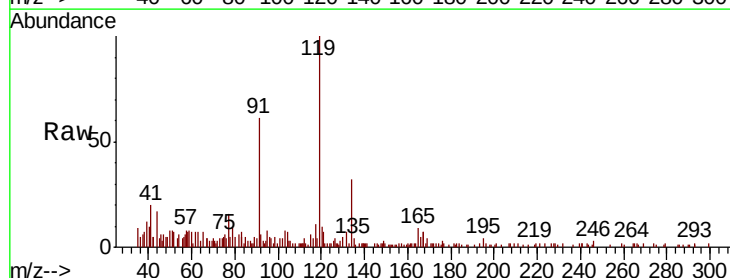
Tgt Ion: 119 Resp: 6069

Ion Ratio Lower Upper

119 100

91 62.4 28.5 85.6

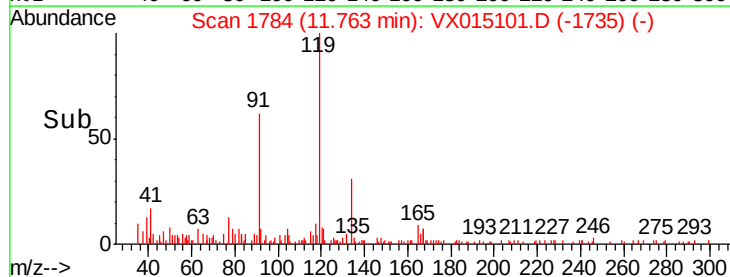
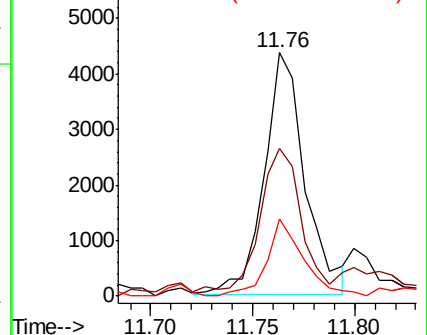
134 28.8 11.9 35.7

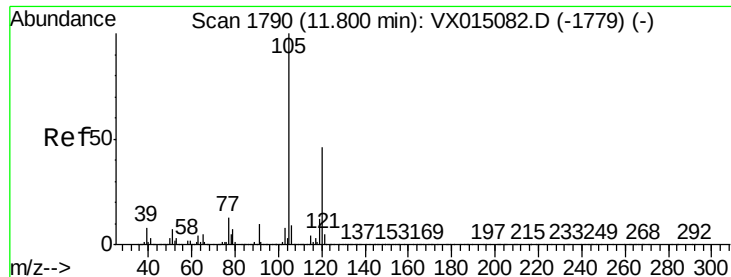


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V

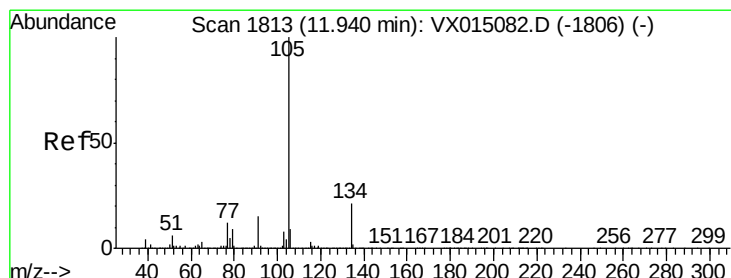
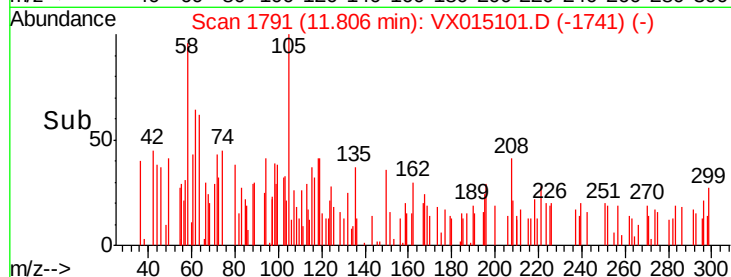
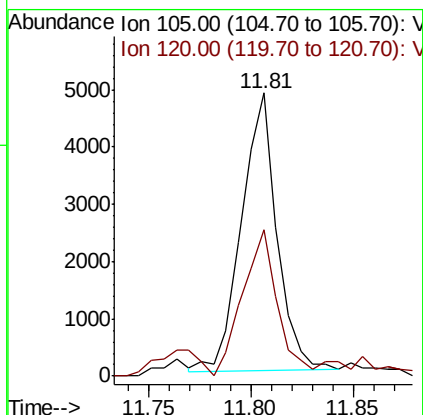
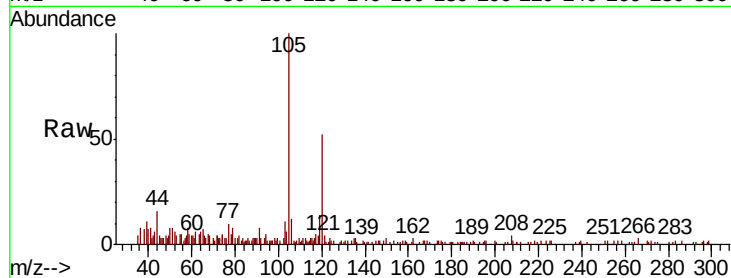




#84
1,2,4-Trimethylbenzene
Concen: 0.451 ug/l
RT: 11.81 min Scan# 1791
Delta R.T. 0.01 min
Lab File: VX015101.D
Acq: 05 Mar 2020 11:03

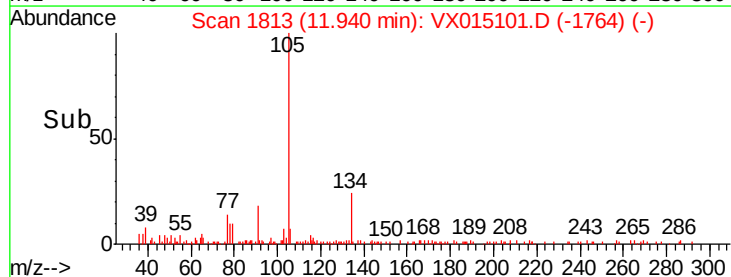
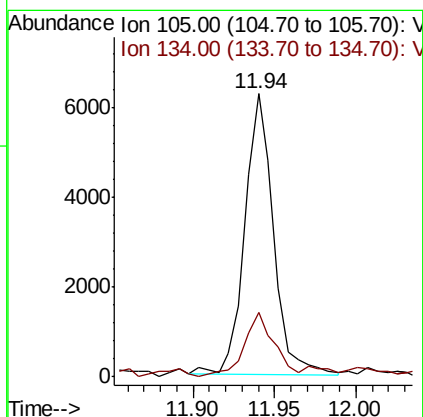
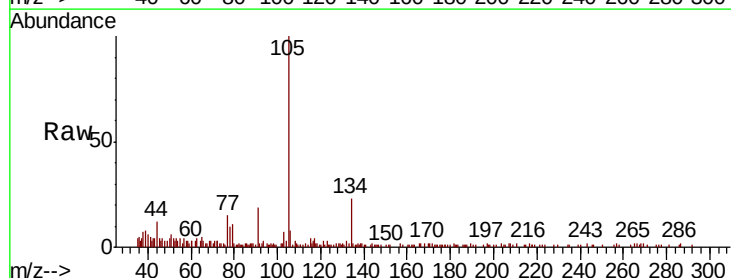
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020DL

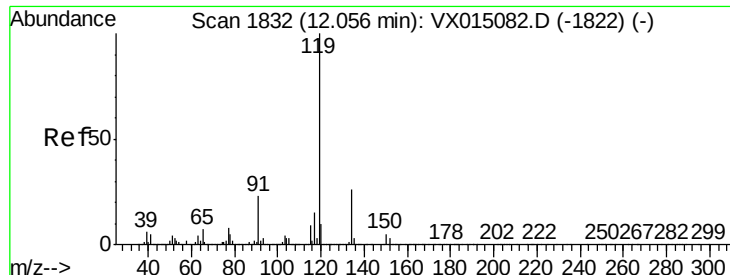
Tot Ion:105 Resp: 5855
Ion Ratio Lower Upper
105 100
120 52.2 22.9 68.5



#85
sec-Butylbenzene
Concen: 0.514 ug/l
RT: 11.94 min Scan# 1813
Delta R.T. 0.00 min
Lab File: VX015101.D
Acq: 05 Mar 2020 11:03

Tgt Ion:105 Resp: 7749
Ion Ratio Lower Upper
105 100
134 24.0 10.4 31.2

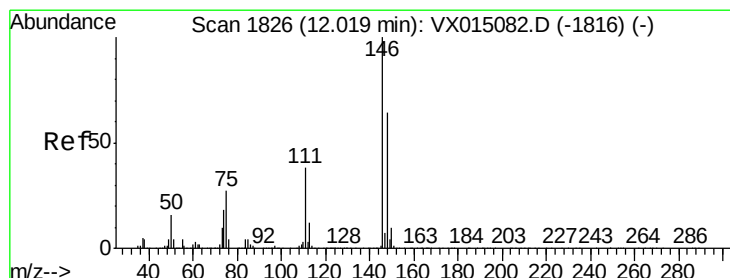
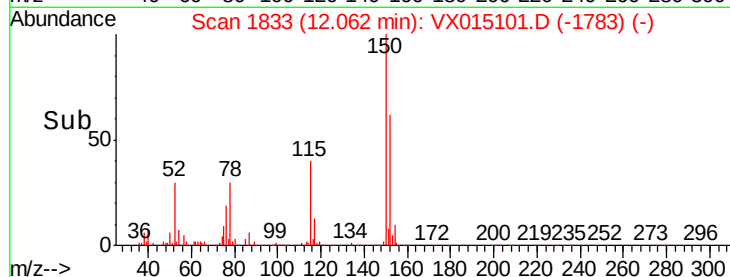
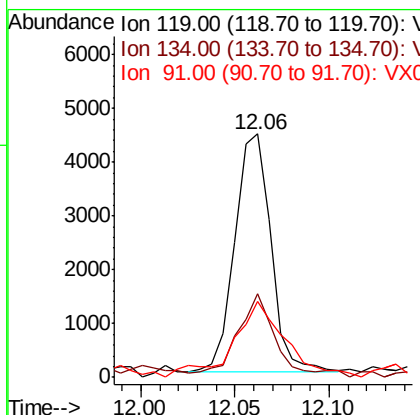
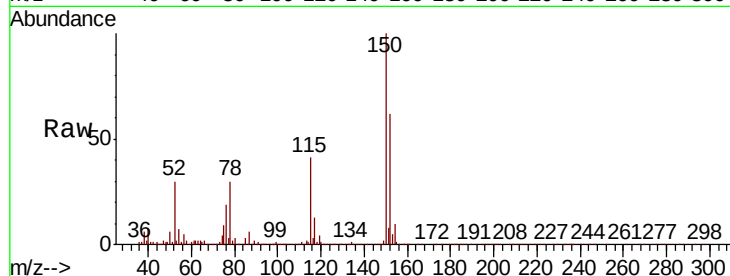




#86
 p-Isopropyltoluene
 Concen: 0.423 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.01 min
 Lab File: VX015101.D
 Acq: 05 Mar 2020 11:03

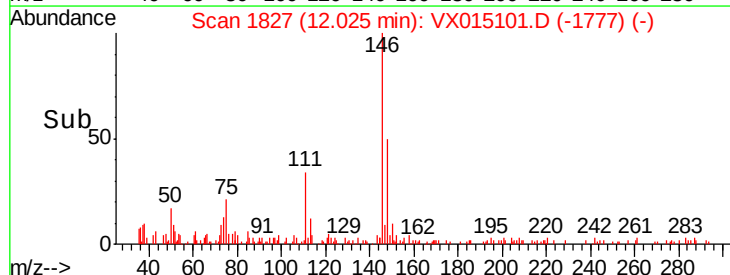
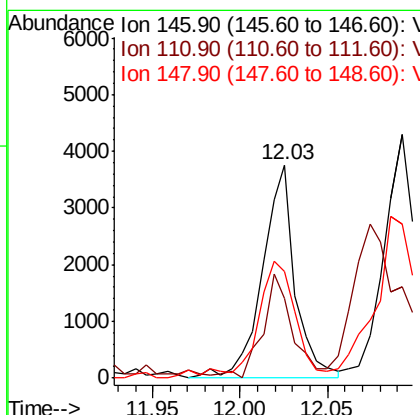
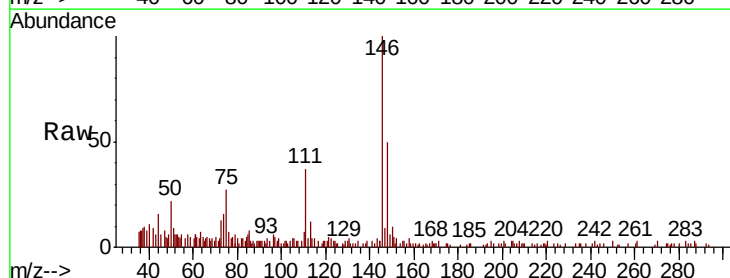
Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2020DL

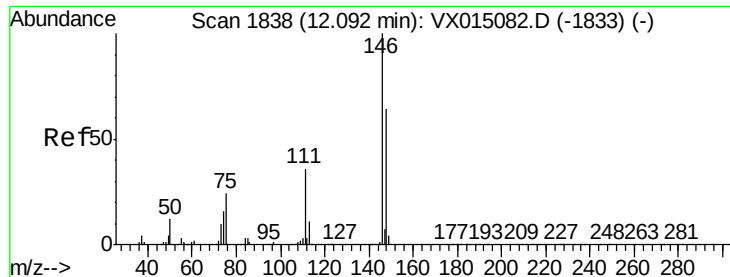
Tot Ion:119 Resp: 5877
 Ion Ratio Lower Upper
 119 100
 134 37.8 13.4 40.1
 91 46.2 11.3 33.8#



#87
 1,3-Dichlorobenzene
 Concen: 0.649 ug/l
 RT: 12.03 min Scan# 1827
 Delta R.T. 0.01 min
 Lab File: VX015101.D
 Acq: 05 Mar 2020 11:03

Tgt Ion:146 Resp: 4937
 Ion Ratio Lower Upper
 146 100
 111 38.6 19.1 57.1
 148 64.9 31.9 95.5





#88

1,4-Dichlorobenzene

Concen: 0.629 ug/l

RT: 12.03 min Scan# 1827

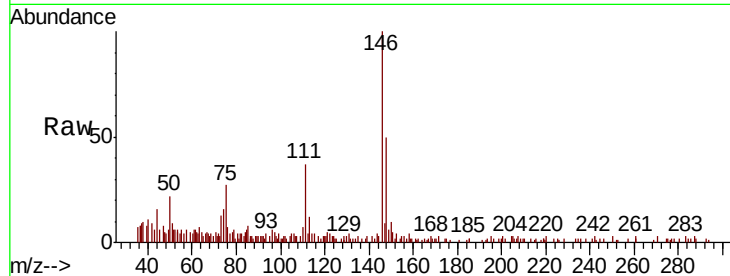
Delta R.T. -0.07 min

Lab File: VX015101.D

Acq: 05 Mar 2020 11:03

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

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.6	18.7	56.1
148	64.9	32.5	97.4

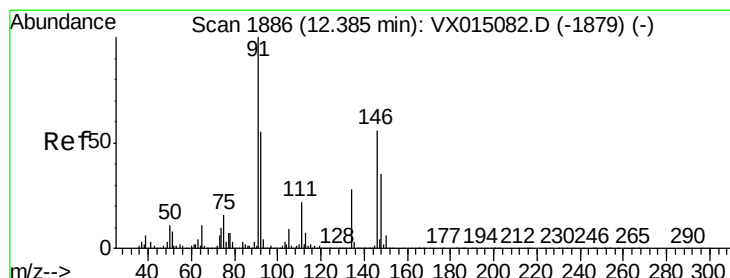
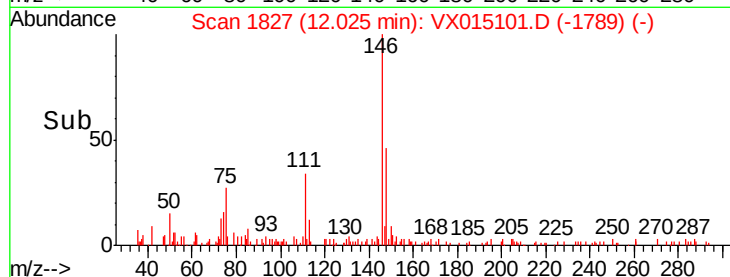
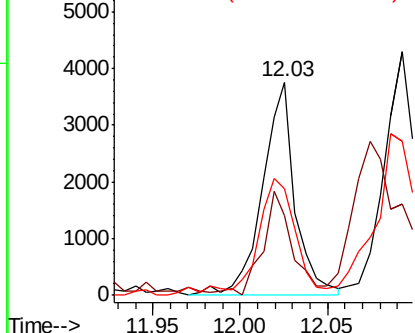


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#89

n-Butylbenzene

Concen: 0.509 ug/l

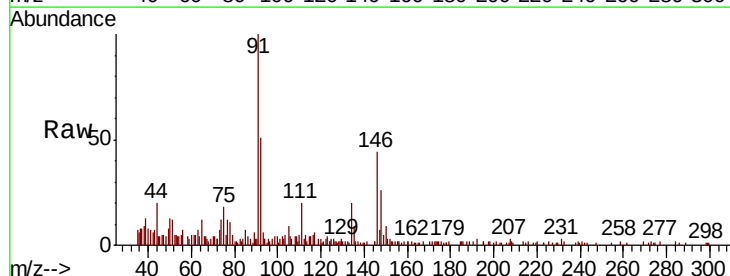
RT: 12.38 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VX015101.D

Acq: 05 Mar 2020 11:03

Tgt Ion	Ratio	Lower	Upper
91	100		
92	46.8	27.2	81.6
134	27.5	13.5	40.5

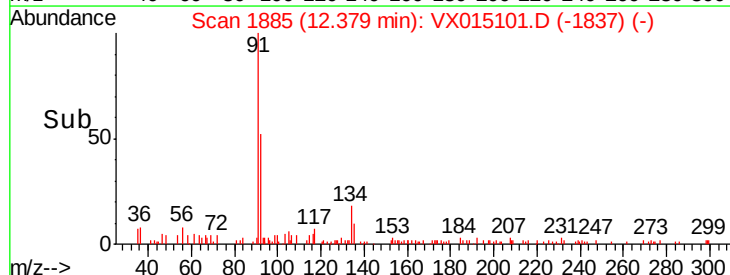
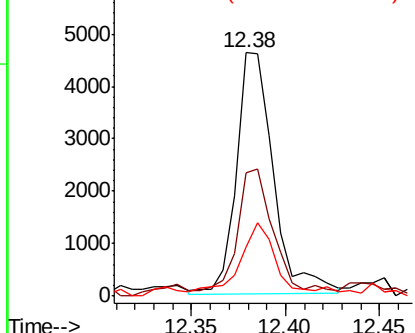


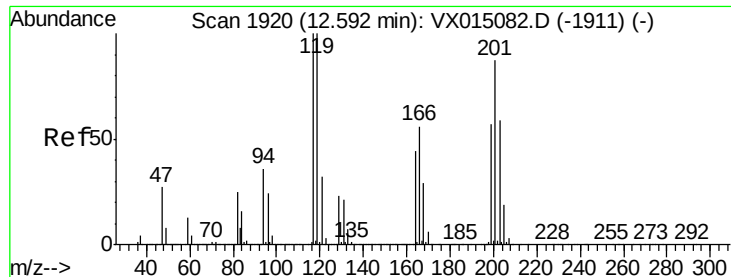
Abundance

Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 0.609 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX015101.D

Acq: 05 Mar 2020 11:03

Instrument :

MSVOA_X

ClientSampleId :

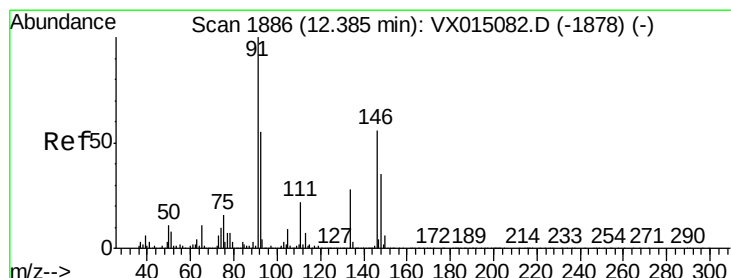
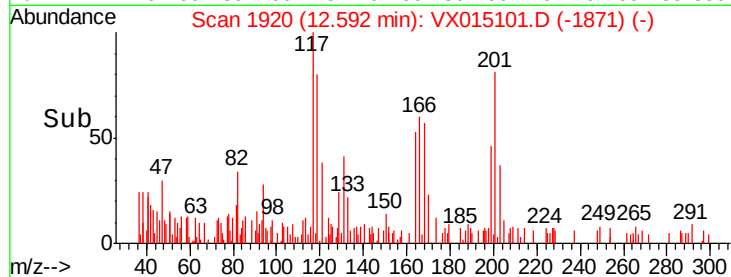
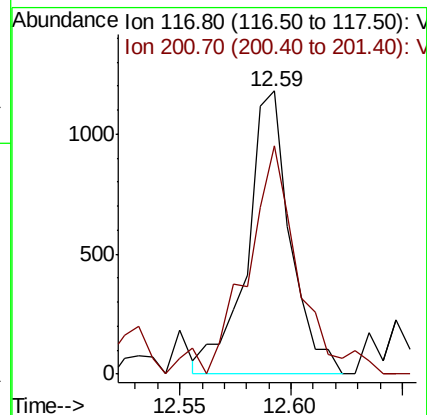
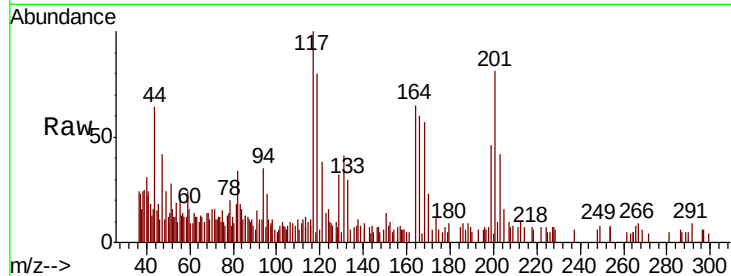
LOD-MDL-WATER-01-QT1-2020DL

Tot Ion:117 Resp: 1599

Ion Ratio Lower Upper

117 100

201 96.9 43.5 130.7



#91

1,2-Dichlorobenzene

Concen: 0.627 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX015101.D

Acq: 05 Mar 2020 11:03

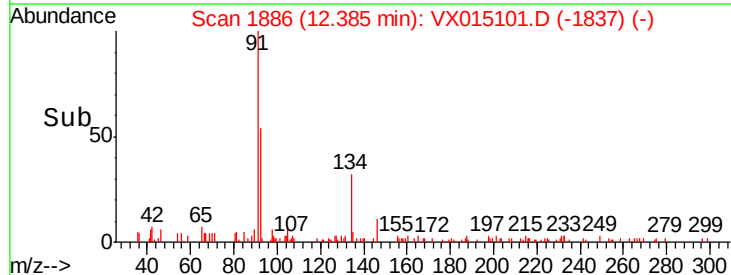
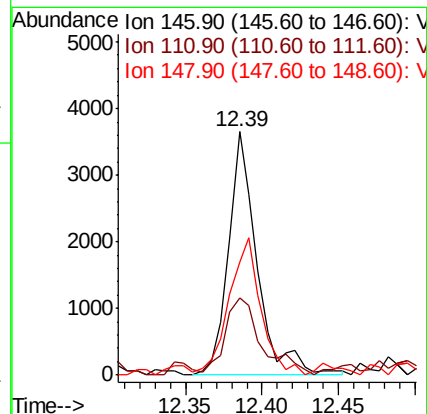
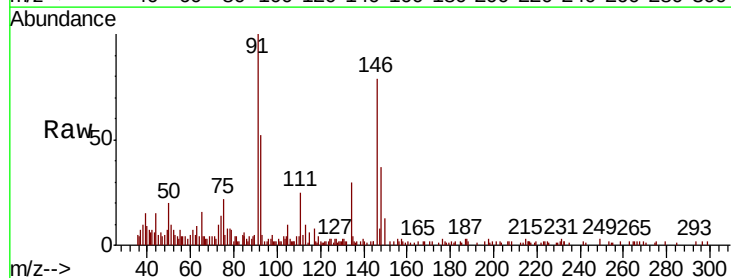
Tgt Ion:146 Resp: 4739

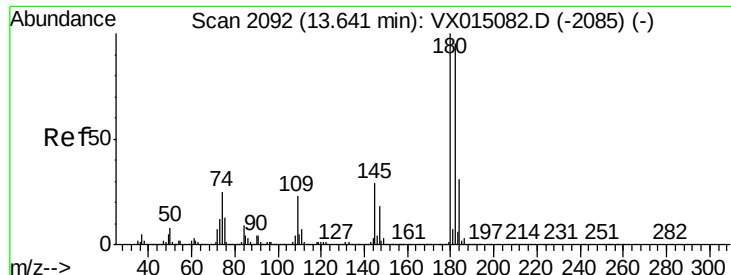
Ion Ratio Lower Upper

146 100

111 40.6 19.9 59.7

148 62.9 32.3 96.8

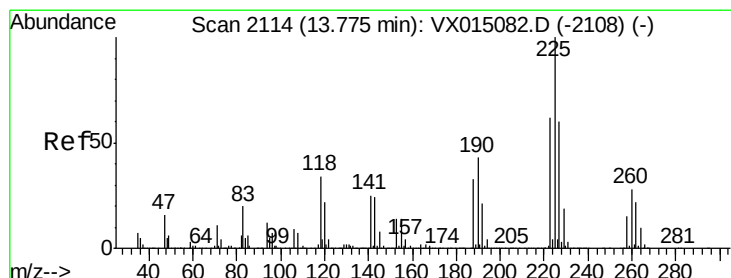
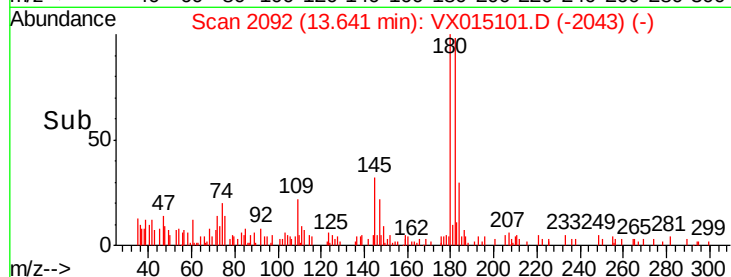
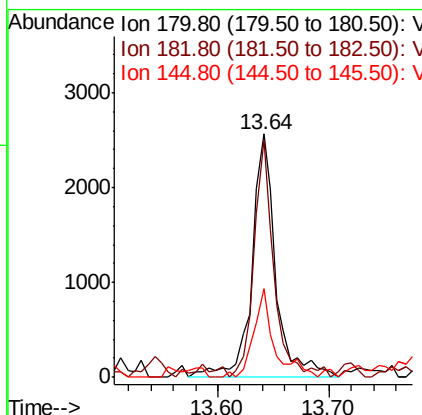
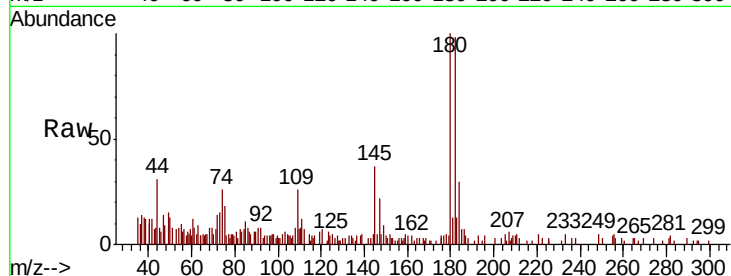




#93
 1,2,4-Trichlorobenzene
 Concen: 0.730 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX015101.D
 Acq: 05 Mar 2020 11:03

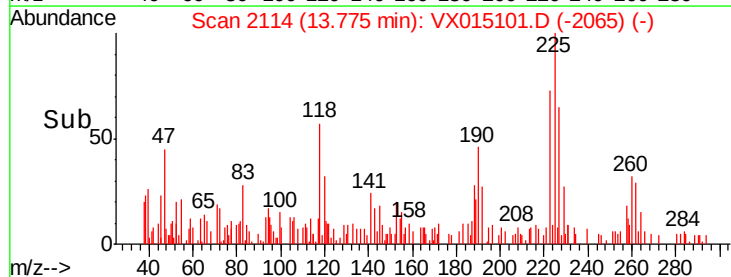
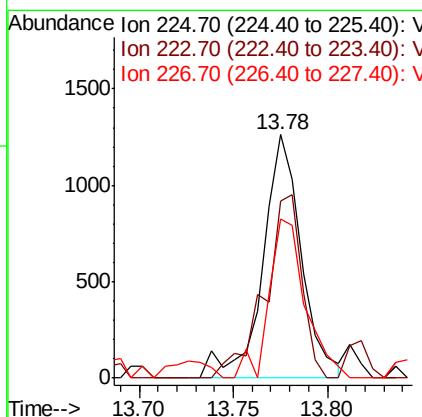
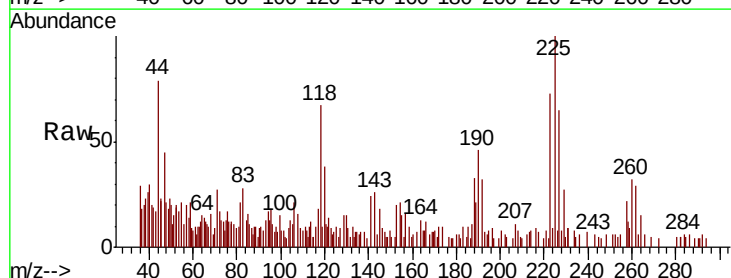
Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2020DL

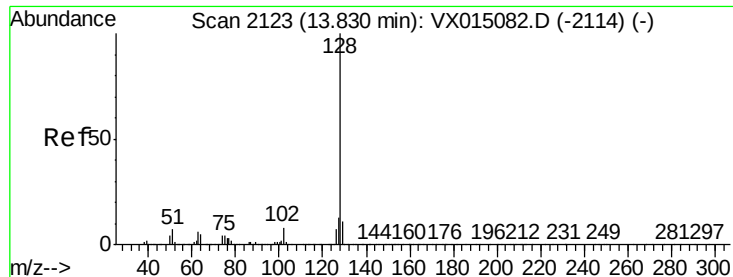
Tot Ion	Ratio	Lower	Upper
180	100		
182	81.6	47.6	142.8
145	31.4	14.1	42.2



#94
 Hexachlorobutadiene
 Concen: 0.666 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX015101.D
 Acq: 05 Mar 2020 11:03

Tgt Ion	Ratio	Lower	Upper
225	100		
223	72.5	31.3	93.9
227	61.6	31.1	93.2

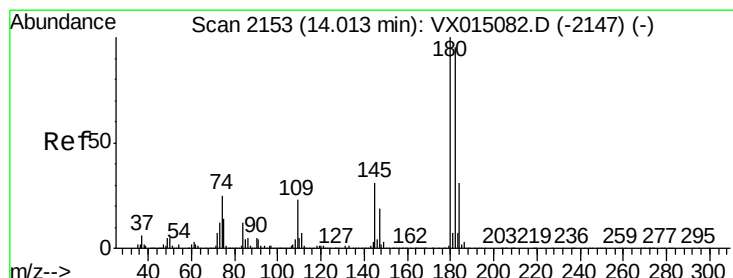
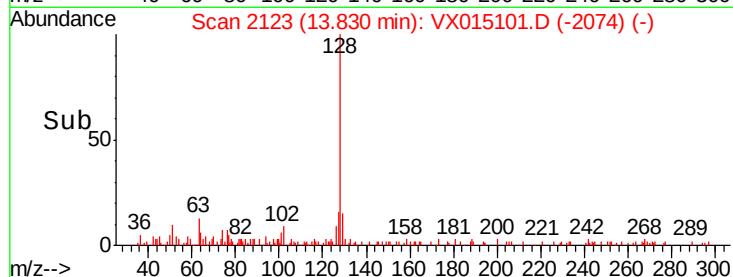
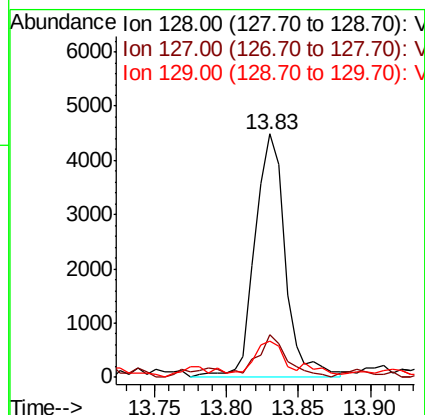
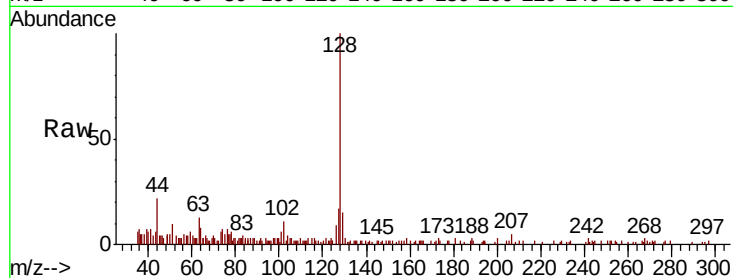




#95
Naphthalene
Concen: 0.456 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX015101.D
Acq: 05 Mar 2020 11:03

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

Tot Ion:128 Resp: 6541
Ion Ratio Lower Upper
128 100
127 17.2 10.3 15.5#
129 11.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 0.605 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX015101.D
Acq: 05 Mar 2020 11:03

Tgt Ion:180 Resp: 3170
Ion Ratio Lower Upper
180 100
182 90.7 47.8 143.4
145 30.3 15.1 45.3

