

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050520\
 Data File : VX016054.D
 Acq On : 05 May 2020 11:33
 Operator : JC/SP
 Sample : L2182-07 0.2PPB LOD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2020

Quant Time: May 06 04:54:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 04:29:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	327515	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	514543	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	465187	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	228708	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	190745	44.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.52%	
35) Dibromofluoromethane	5.47	113	140733	43.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.34%	
50) Toluene-d8	8.70	98	569054	45.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.62%	
62) 4-Bromofluorobenzene	11.12	95	205846	43.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.18%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.18	85	773	0.223	ug/l	90
3) Chloromethane	1.32	50	1220	0.303	ug/l #	82
4) Vinyl Chloride	1.39	62	868	0.202	ug/l	92
5) Bromomethane	1.64	94	1396	0.645	ug/l #	66
6) Chloroethane	1.72	64	699	0.267	ug/l #	71
7) Trichlorofluoromethane	1.92	101	1239	0.220	ug/l	86
8) Diethyl Ether	2.17	74	829	0.349	ug/l	78
9) 1,1,2-Trichlorotrifluoroet	2.37	101	799	0.246	ug/l #	85
10) Methyl Iodide	2.50	142	1220	0.279	ug/l #	93
11) Tert butyl alcohol	3.01	59	1127	1.034	ug/l #	73
12) 1,1-Dichloroethene	2.36	96	950	0.279	ug/l #	81
13) Acrolein	2.27	56	1133	1.661	ug/l	93
14) Allyl chloride	2.70	41	1327	0.213	ug/l	90
15) Acrylonitrile	3.12	53	2960	1.309	ug/l	97
16) Acetone	2.42	43	3881	2.018	ug/l	99
17) Carbon Disulfide	2.55	76	5897	0.371	ug/l #	94
18) Methyl Acetate	2.75	43	1243	0.263	ug/l #	87
19) Methyl tert-butyl Ether	3.16	73	2774	0.236	ug/l #	89
20) Methylene Chloride	2.84	84	1083	0.273	ug/l	90
21) trans-1,2-Dichloroethene	3.15	96	1728	0.455	ug/l #	74
22) Diisopropyl ether	3.82	45	2680	0.228	ug/l #	92
23) Vinyl Acetate	3.79	43	8252	0.796	ug/l #	92
24) 1,1-Dichloroethane	3.67	63	1564	0.237	ug/l #	91
25) 2-Butanone	4.64	43	3065	0.989	ug/l	90
26) 2,2-Dichloropropane	4.56	77	1597	0.265	ug/l	90
27) cis-1,2-Dichloroethene	4.57	96	1327	0.320	ug/l	78
28) Bromochloromethane	4.99	49	872	0.290	ug/l #	90
29) Tetrahydrofuran	5.10	42	2765	1.347	ug/l #	76
30) Chloroform	5.18	83	1623	0.247	ug/l	98
31) Cyclohexane	5.56	56	1432	0.239	ug/l	99
32) 1,1,1-Trichloroethane	5.47	97	1387	0.233	ug/l #	50
36) 1,1-Dichloropropene	5.76	75	1669	0.330	ug/l #	86
38) Carbon Tetrachloride	5.76	117	1041	0.202	ug/l #	90
39) Methylcyclohexane	7.44	83	1387	0.227	ug/l #	86

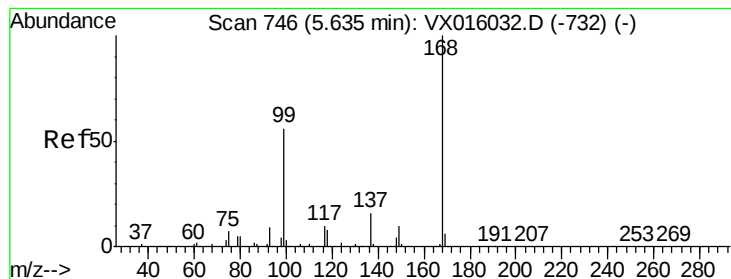
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050520\
 Data File : VX016054.D
 Acq On : 05 May 2020 11:33
 Operator : JC/SP
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Quant Time: May 06 04:54:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 04:29:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Benzene	6.12	78	3535	0.239	ug/l	95
42) 1,2-Dichloroethane	6.16	62	1604	0.300	ug/l	87
43) Isopropyl Acetate	6.41	43	2468	0.263	ug/l	97
44) Trichloroethene	7.19	130	1329	0.252	ug/l	96
45) 1,2-Dichloropropane	7.49	63	779	0.208	ug/l #	66
46) Dibromomethane	7.65	93	598	0.235	ug/l	92
48) Methyl methacrylate	7.75	41	929	0.209	ug/l #	83
49) 1,4-Dioxane	7.72	88	414	3.889	ug/l #	83
51) 4-Methyl-2-Pentanone	8.62	43	5303	0.925	ug/l	99
52) Toluene	8.77	92	1958	0.212	ug/l	93
53) t-1,3-Dichloropropene	9.02	75	1592	0.257	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	1393	0.216	ug/l #	87
55) 1,1,2-Trichloroethane	9.20	97	781	0.215	ug/l	94
57) 1,3-Dichloropropane	9.36	76	1387	0.219	ug/l #	63
58) 2-Chloroethyl Vinyl ether	8.29	63	5069	1.605	ug/l	100
59) 2-Hexanone	9.48	43	4495	0.999	ug/l	96
61) 1,2-Dibromoethane	9.65	107	855	0.217	ug/l	92
64) Tetrachloroethene	9.32	164	1332	0.233	ug/l	94
65) Chlorobenzene	10.12	112	2315	0.238	ug/l	90
67) Ethyl Benzene	10.24	91	3697	0.213	ug/l	97
68) m/p-Xylenes	10.34	106	2766	0.425	ug/l	98
70) Styrene	10.70	104	2385	0.225	ug/l	94
73) Isopropylbenzene	11.00	105	3604	0.217	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	414	4.915	ug/l #	62
76) 1,2,3-Trichloropropane	11.12	75	104130	20.064	ug/l #	35
77) Bromobenzene	11.24	156	998	0.232	ug/l	79
78) n-propylbenzene	11.34	91	4366	0.226	ug/l	98
79) 2-Chlorotoluene	11.40	91	2536	0.222	ug/l	97
80) 1,3,5-Trimethylbenzene	11.49	105	2990	0.213	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.12	75	104130	47.814	ug/l #	13
82) 4-Chlorotoluene	11.49	91	3452	0.256	ug/l	100
83) tert-Butylbenzene	11.76	119	2464	0.204	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	2918	0.205	ug/l	99
85) sec-Butylbenzene	11.93	105	3585	0.219	ug/l	99
86) p-Isopropyltoluene	12.05	119	3527	0.232	ug/l #	73
87) 1,3-Dichlorobenzene	12.01	146	2184	0.283	ug/l	97
88) 1,4-Dichlorobenzene	12.01	146	2184	0.279	ug/l	98
89) n-Butylbenzene	12.37	91	3830	0.276	ug/l	94
91) 1,2-Dichlorobenzene	12.38	146	1828	0.246	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.99	75	347	0.254	ug/l	81
93) 1,2,4-Trichlorobenzene	13.63	180	1923	0.350	ug/l	94
94) Hexachlorobutadiene	13.77	225	914	0.906	ug/l	98
95) Naphthalene	13.82	128	5631	0.316	ug/l	98
96) 1,2,3-Trichlorobenzene	14.01	180	1945	0.362	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX016054.D

Acq: 05 May 2020 11:33

Instrument :

MSVOA_X

ClientSampleId :

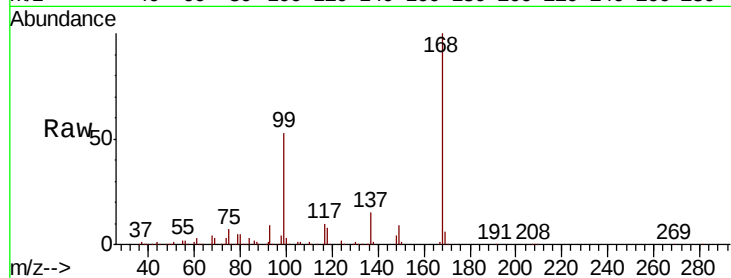
LOD-MDL-WATER-01-QT2-2020

Tot Ion:168 Resp: 327515

Ion Ratio Lower Upper

168 100

99 53.1 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

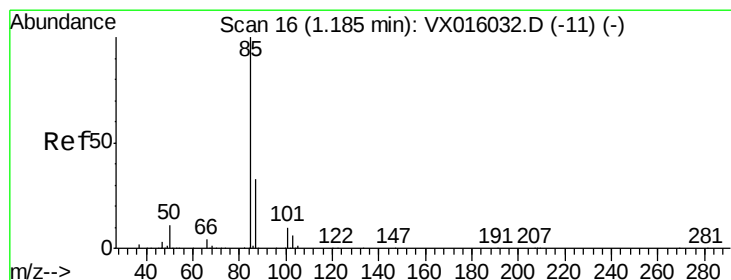
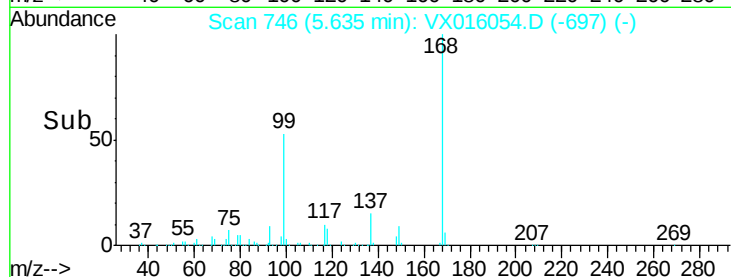
5.64

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 0.223 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX016054.D

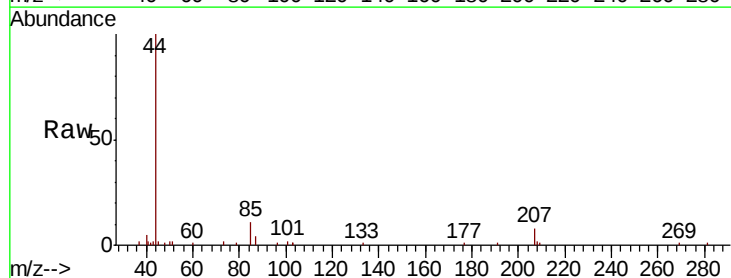
Acq: 05 May 2020 11:33

Tgt Ion: 85 Resp: 773

Ion Ratio Lower Upper

85 100

87 38.6 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

800

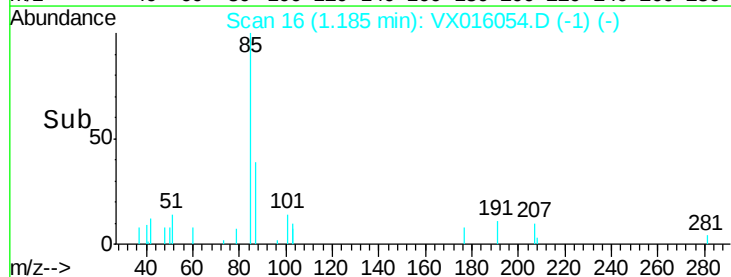
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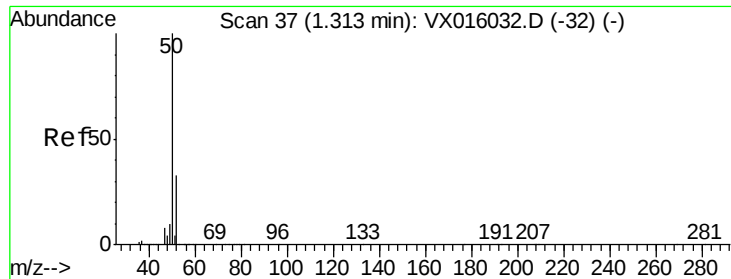
400

200

0

Time-->





#3

Chloromethane

Concen: 0.303 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.01 min

Lab File: VX016054.D

Acq: 05 May 2020 11:33

Instrument :

MSVOA_X

ClientSampleId :

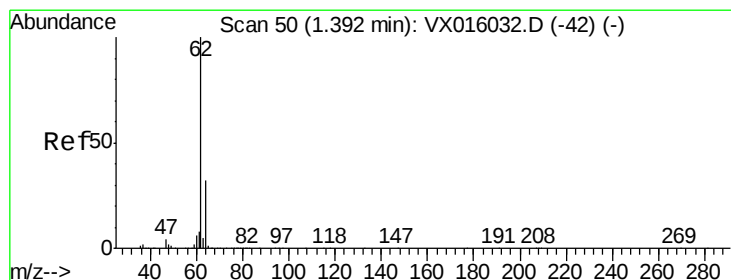
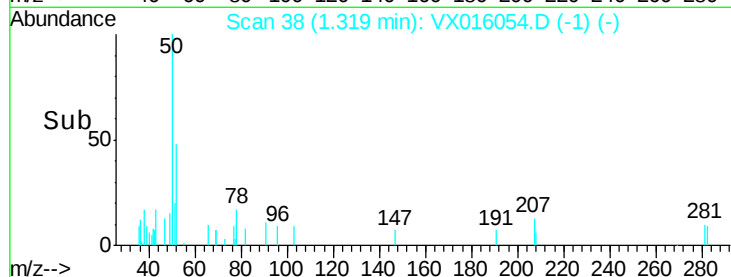
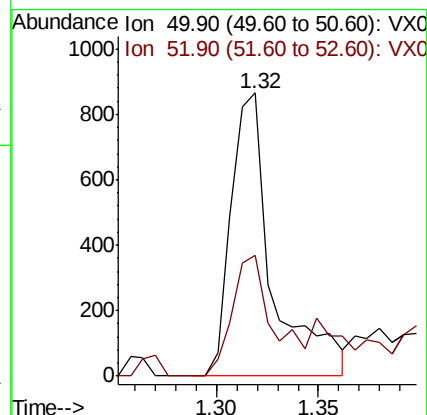
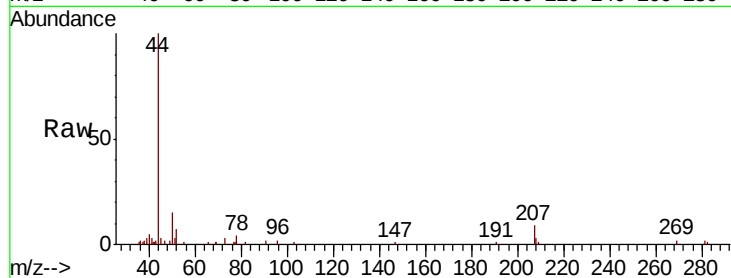
LOD-MDL-WATER-01-QT2-2020

Tot Ion: 50 Resp: 1220

Ion Ratio Lower Upper

50 100

52 42.7 26.1 39.1#



#4

Vinyl Chloride

Concen: 0.202 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016054.D

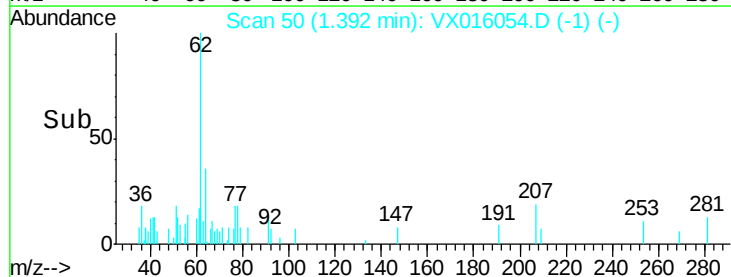
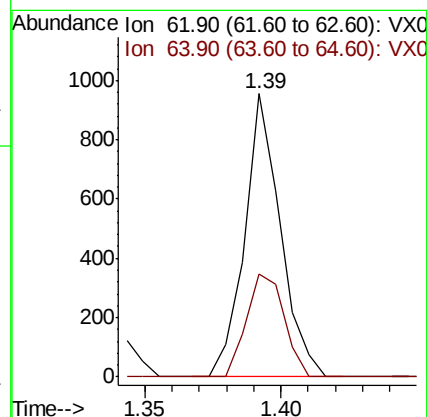
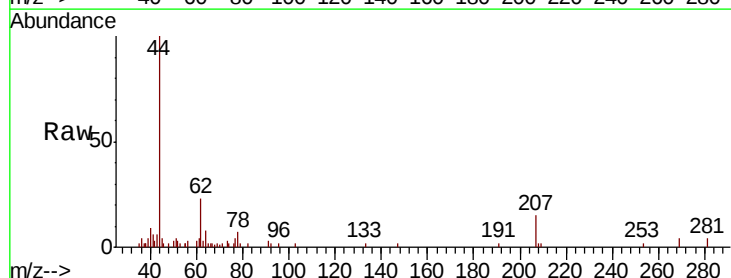
Acq: 05 May 2020 11:33

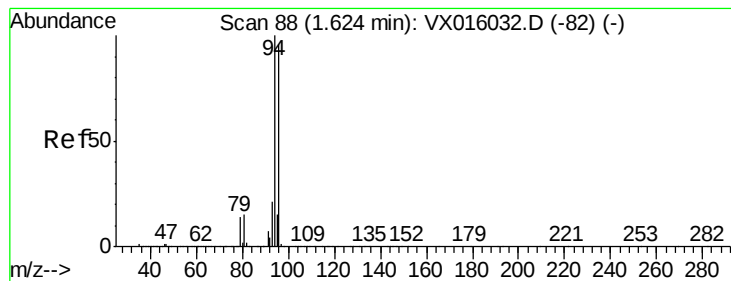
Tgt Ion: 62 Resp: 868

Ion Ratio Lower Upper

62 100

64 36.4 25.7 38.5





#5

Bromomethane

Concen: 0.645 ug/l

RT: 1.64 min Scan# 90

Delta R.T. 0.01 min

Lab File: VX016054.D

Acq: 05 May 2020 11:33

Instrument :

MSVOA_X

ClientSampleId :

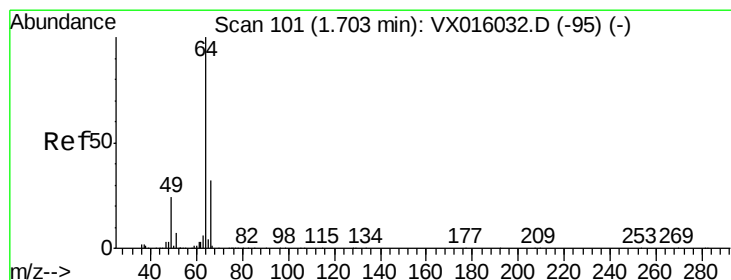
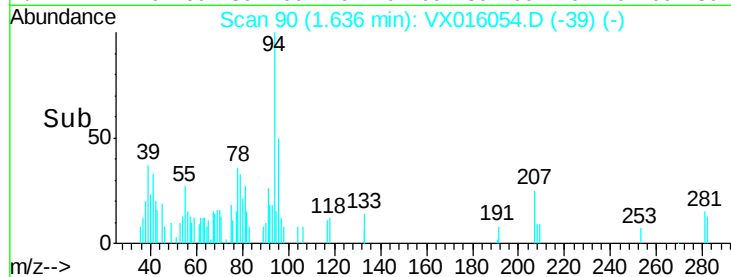
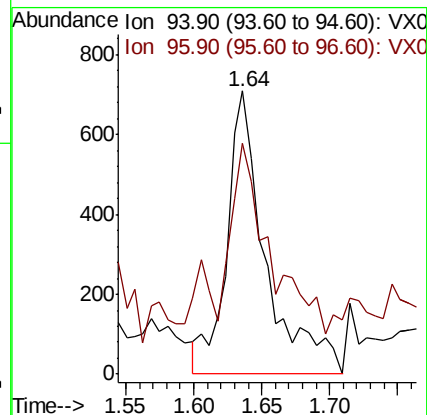
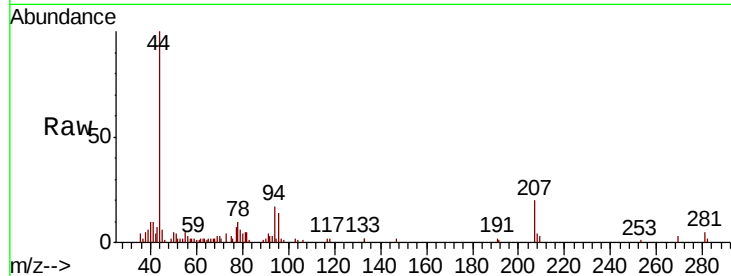
LOD-MDL-WATER-01-QT2-2020

Tot Ion: 94 Resp: 1396

Ion Ratio Lower Upper

94 100

96 62.4 76.9 115.3#



#6

Chloroethane

Concen: 0.267 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX016054.D

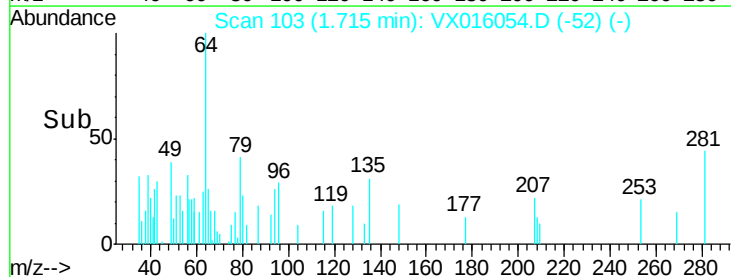
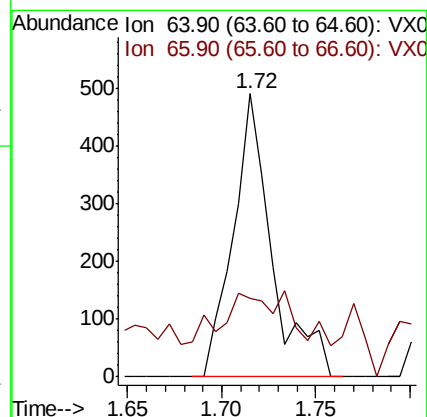
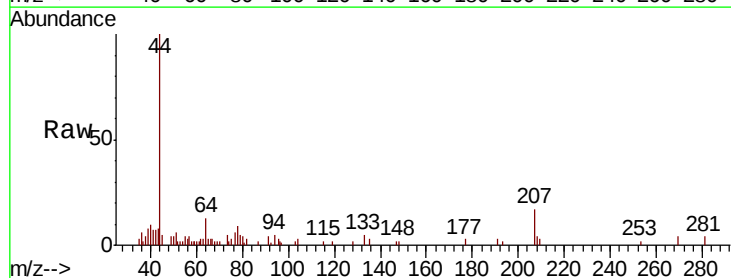
Acq: 05 May 2020 11:33

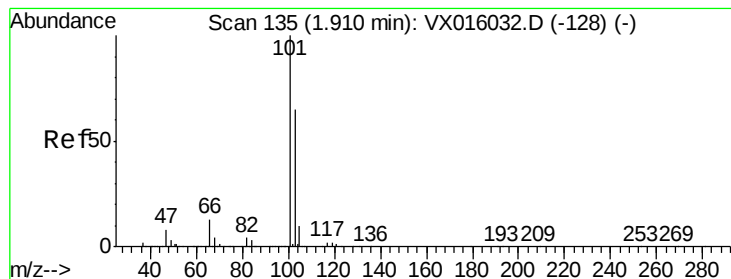
Tgt Ion: 64 Resp: 699

Ion Ratio Lower Upper

64 100

66 15.3 25.2 37.8#



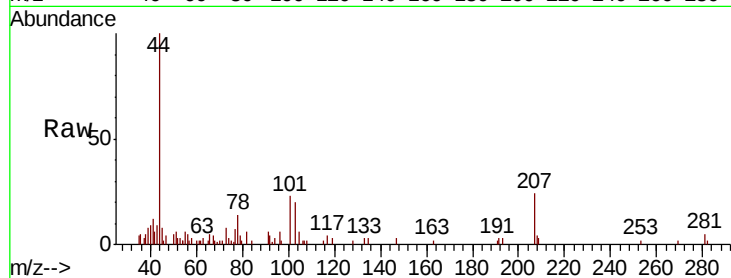


#7

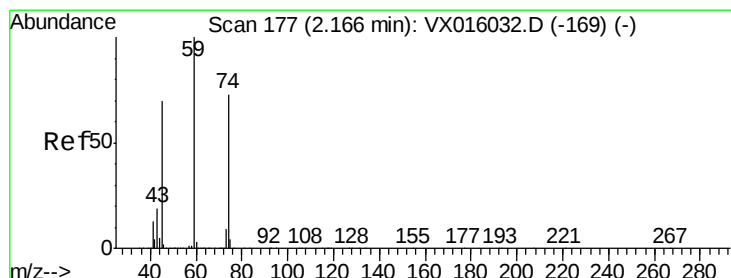
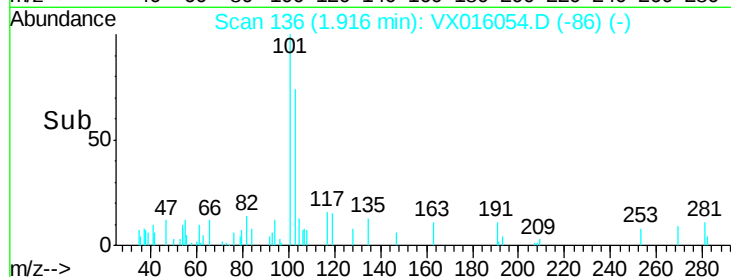
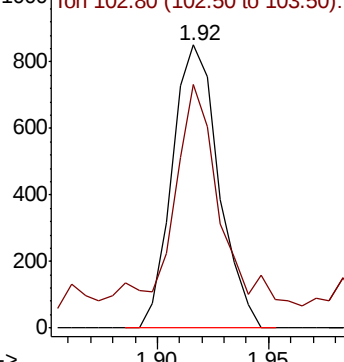
Trichlorofluoromethane
Concen: 0.220 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.01 min
Lab File: VX016054.D
Acq: 05 May 2020 11:33

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

Tot Ion:101 Resp: 1239
Ion Ratio Lower Upper
101 100
103 76.0 51.8 77.6



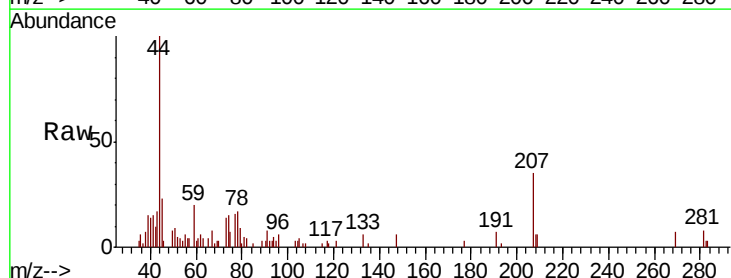
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



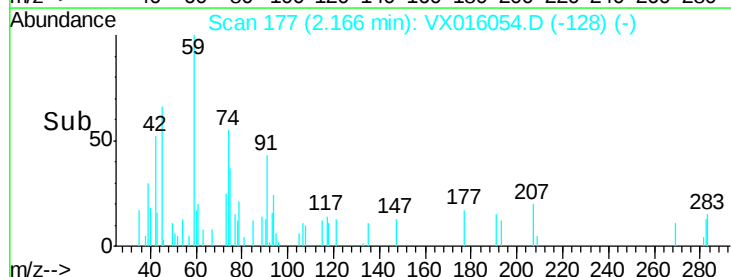
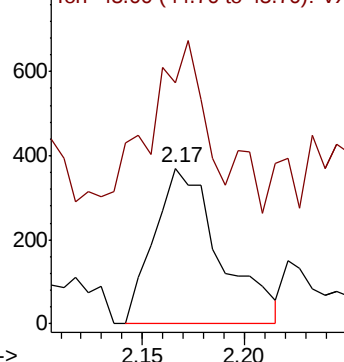
#8

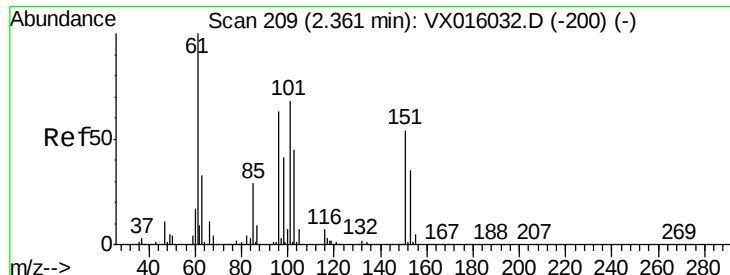
Diethyl Ether
Concen: 0.349 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016054.D
Acq: 05 May 2020 11:33

Tgt Ion: 74 Resp: 829
Ion Ratio Lower Upper
74 100
45 73.8 47.3 142.0



Abundance Ion 74.00 (73.70 to 74.70): VX0
Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.246 ug/l

RT: 2.37 min Scan# 211

Delta R.T. 0.01 min

Lab File: VX016054.D

Acq: 05 May 2020 11:33

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

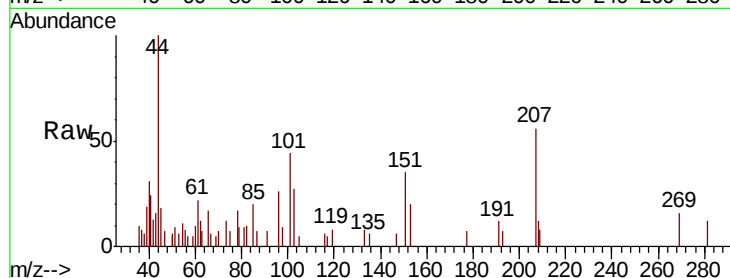
Tot Ion:101 Resp: 799

Ion Ratio Lower Upper

101 100

85 63.2 34.2 51.4#

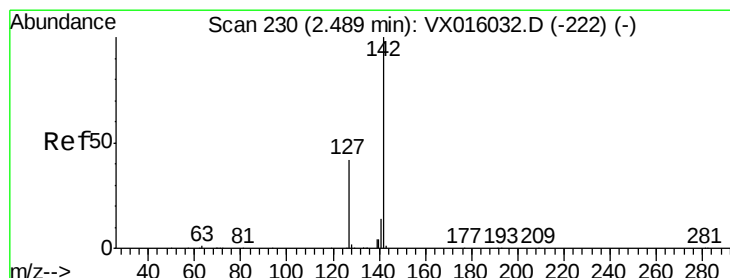
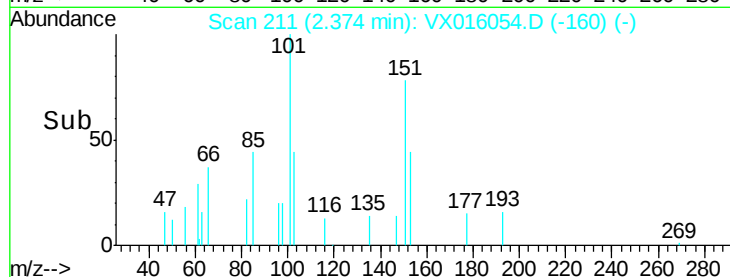
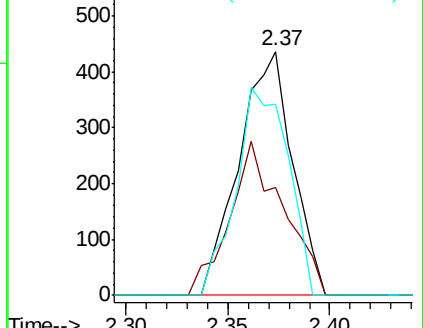
151 83.0 62.1 93.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 0.279 ug/l

RT: 2.50 min Scan# 231

Delta R.T. 0.01 min

Lab File: VX016054.D

Acq: 05 May 2020 11:33

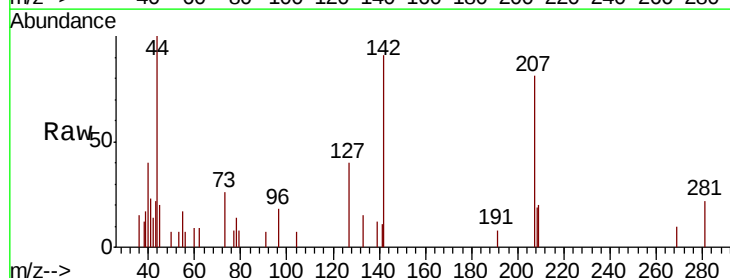
Tgt Ion:142 Resp: 1220

Ion Ratio Lower Upper

142 100

127 47.2 34.6 52.0

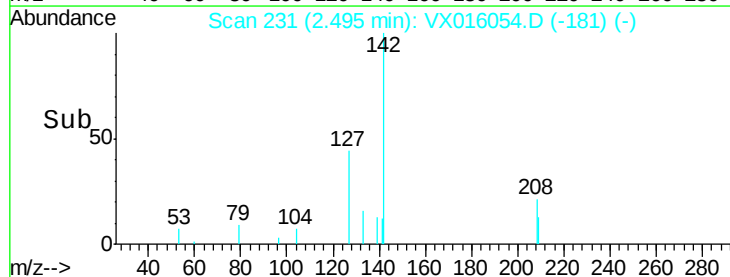
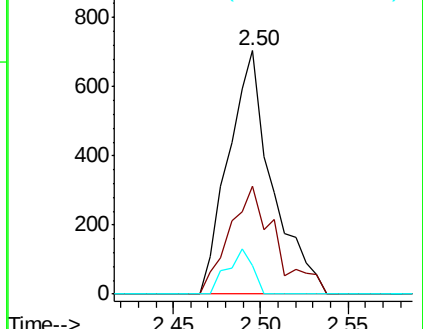
141 10.7 11.3 16.9#

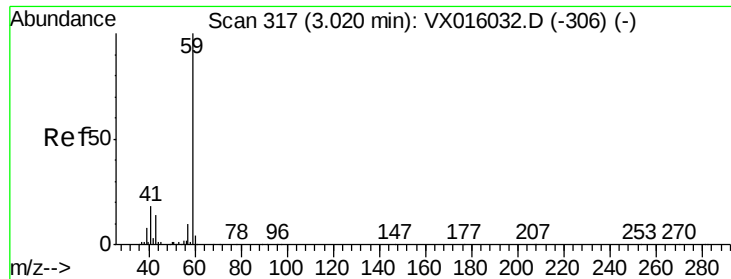


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



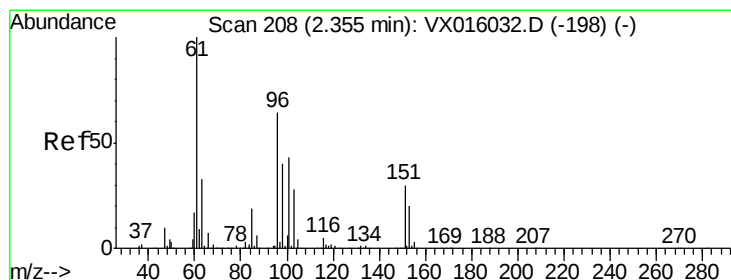
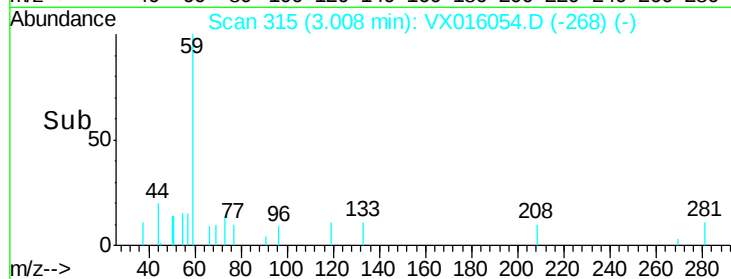
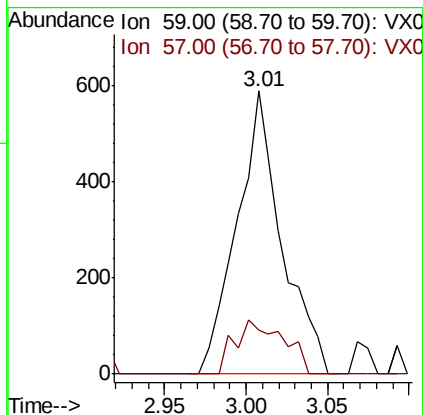
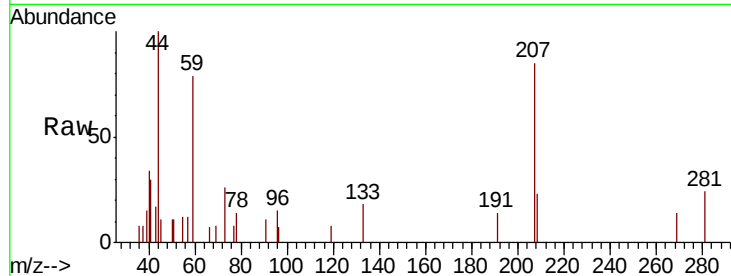


#11

Tert butyl alcohol
 Concen: 1.034 ug/l
 RT: 3.01 min Scan# 315
 Delta R.T. -0.01 min
 Lab File: VX016054.D
 Acq: 05 May 2020 11:33

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2020

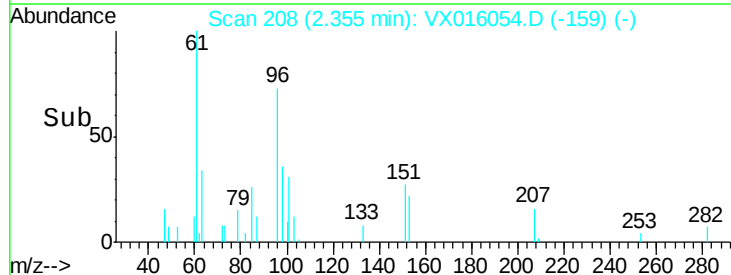
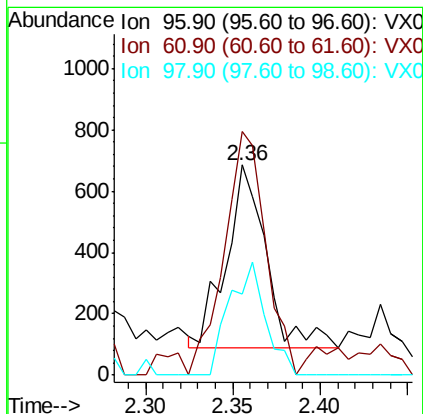
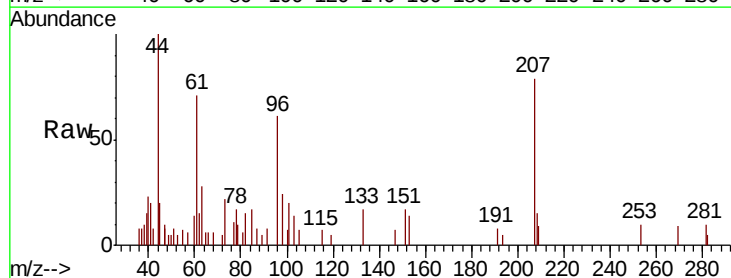
Tot Ion: 59 Resp: 1127
 Ion Ratio Lower Upper
 59 100
 57 20.5 8.2 12.4#

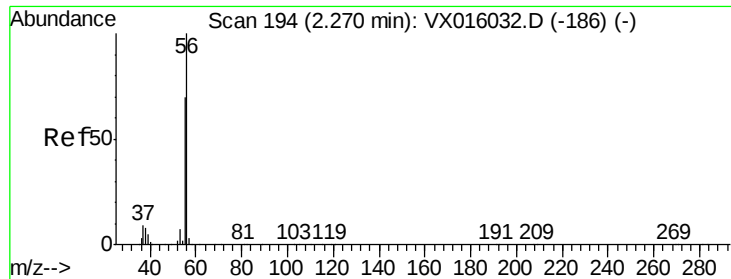


#12

1,1-Dichloroethene
 Concen: 0.279 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX016054.D
 Acq: 05 May 2020 11:33

Tgt Ion: 96 Resp: 950
 Ion Ratio Lower Upper
 96 100
 61 133.0 124.8 187.2
 98 44.6 49.7 74.5#





#13

Acrolein

Concen: 1.661 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016054.D

Acq: 05 May 2020 11:33

Instrument :

MSVOA_X

ClientSampleId :

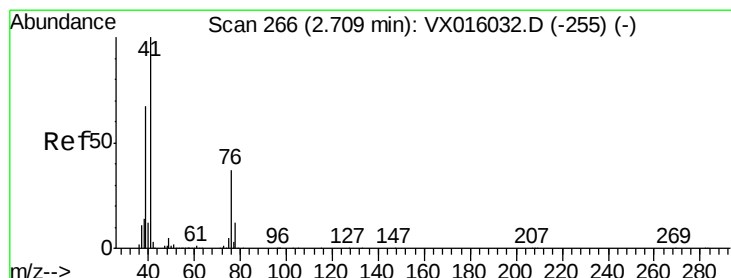
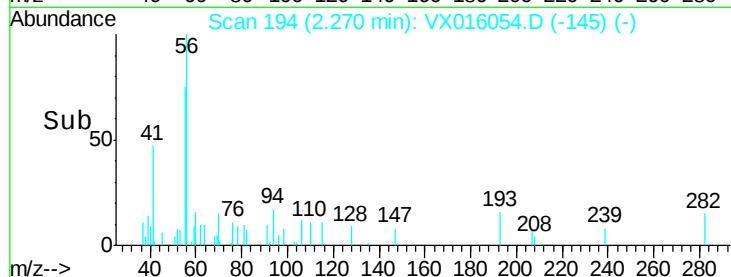
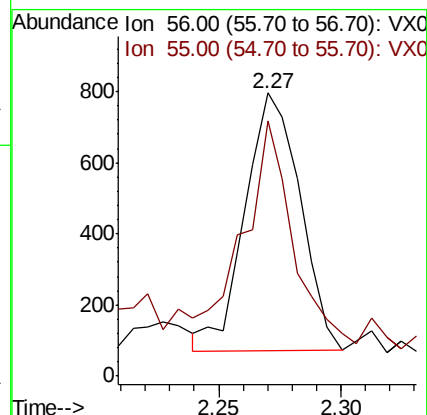
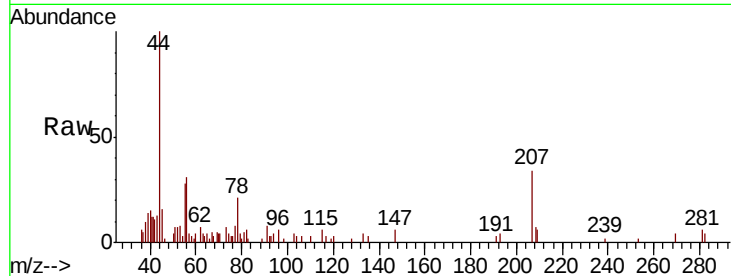
LOD-MDL-WATER-01-QT2-2020

Tot Ion: 56 Resp: 1133

Ion Ratio Lower Upper

56 100

55 76.1 56.5 84.7



#14

Allyl chloride

Concen: 0.213 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX016054.D

Acq: 05 May 2020 11:33

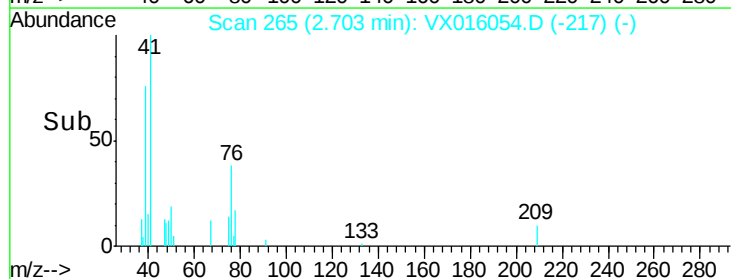
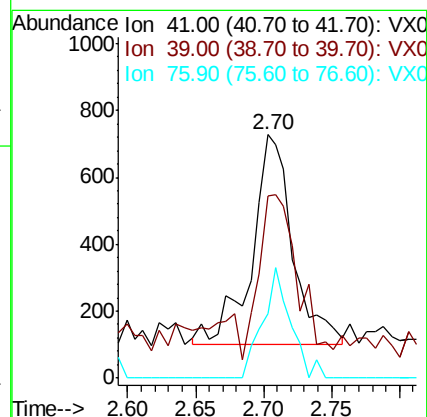
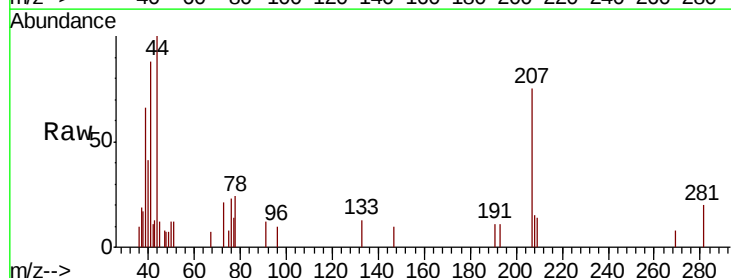
Tgt Ion: 41 Resp: 1327

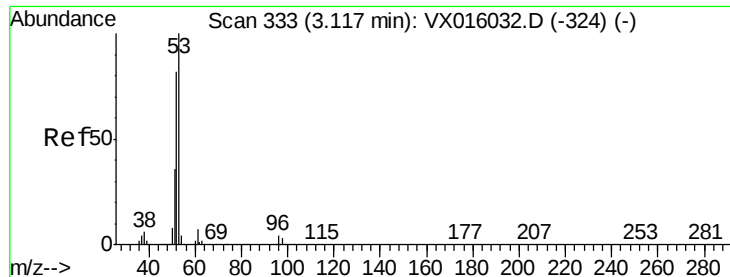
Ion Ratio Lower Upper

41 100

39 73.5 50.5 75.7

76 35.9 26.6 40.0

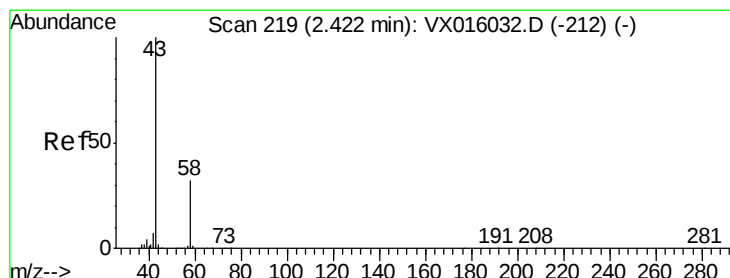
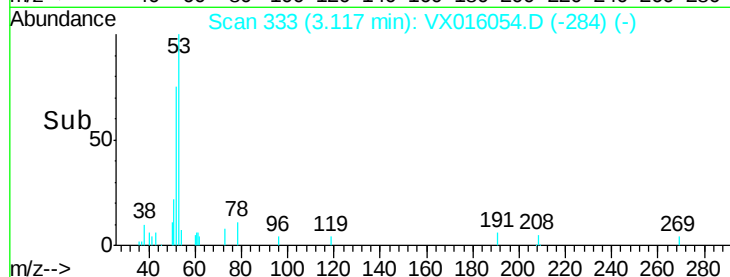
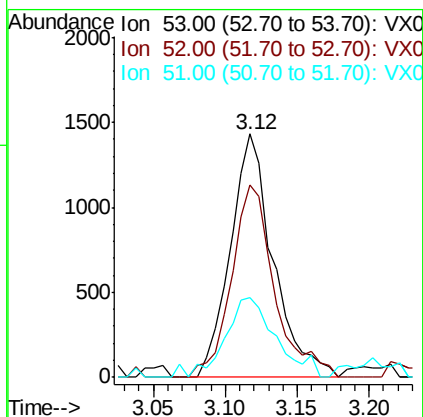
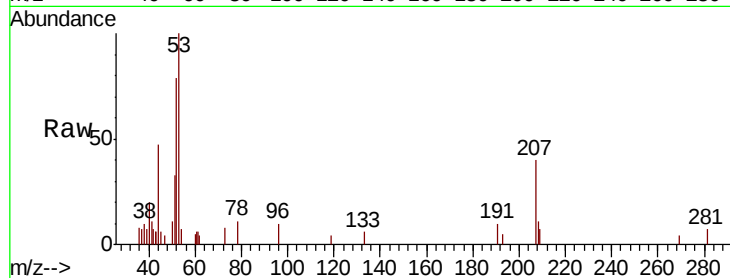




#15
 Acrylonitrile
 Concen: 1.309 ug/l
 RT: 3.12 min Scan# 333
 Delta R.T. -0.00 min
 Lab File: VX016054.D
 Acq: 05 May 2020 11:33

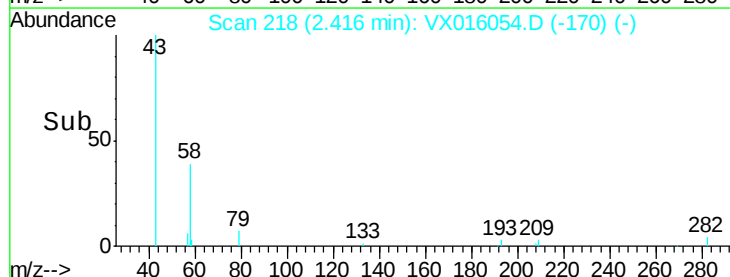
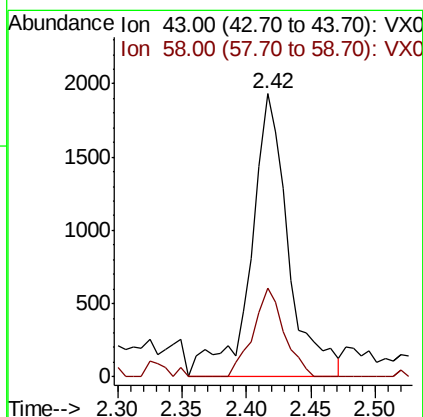
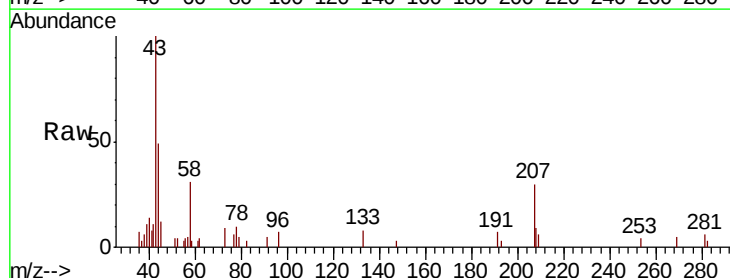
Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2020

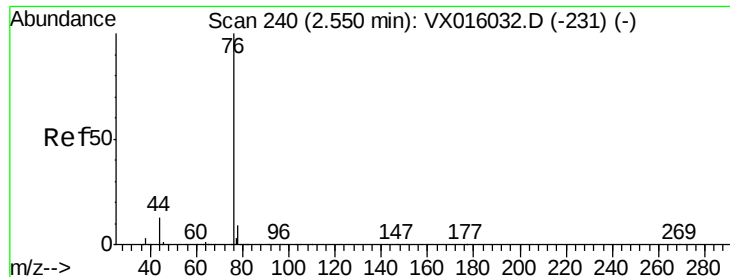
Tot Ion: 53 Resp: 2960
 Ion Ratio Lower Upper
 53 100
 52 80.0 66.1 99.1
 51 38.1 28.8 43.2



#16
 Acetone
 Concen: 2.018 ug/l
 RT: 2.42 min Scan# 218
 Delta R.T. -0.01 min
 Lab File: VX016054.D
 Acq: 05 May 2020 11:33

Tgt Ion: 43 Resp: 3881
 Ion Ratio Lower Upper
 43 100
 58 31.4 25.4 38.0





#17

Carbon Disulfide

Concen: 0.371 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX016054.D

Acq: 05 May 2020 11:33

Instrument :

MSVOA_X

ClientSampleId :

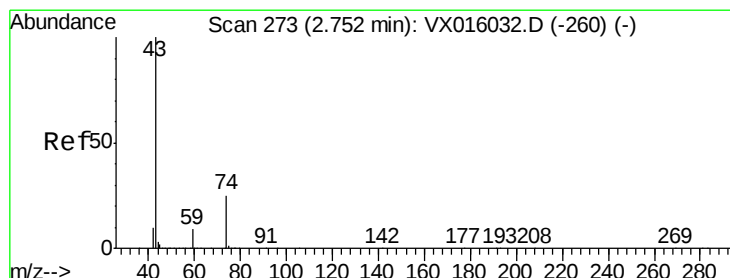
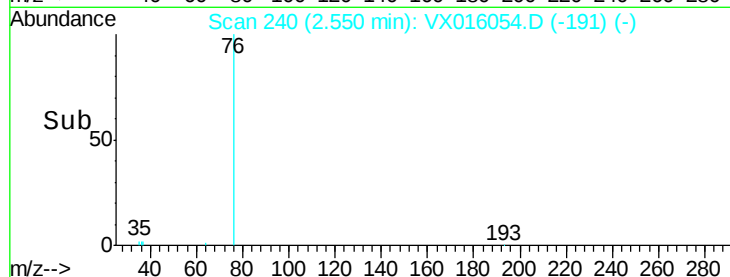
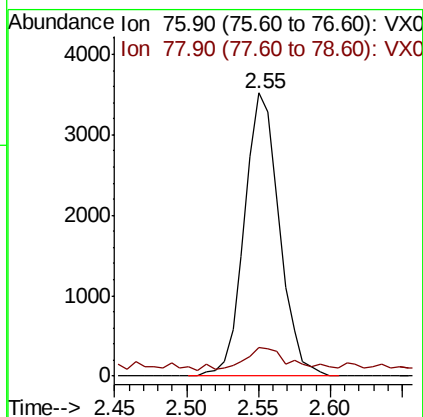
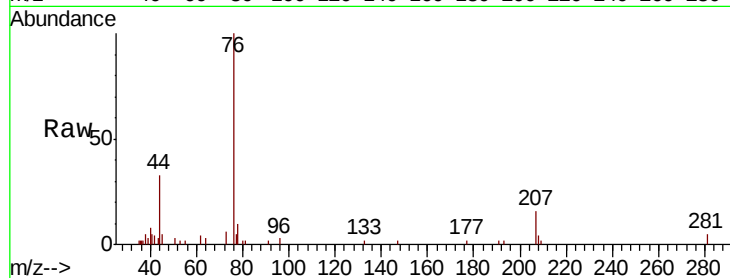
LOD-MDL-WATER-01-QT2-2020

Tot Ion: 76 Resp: 5897

Ion Ratio Lower Upper

76 100

78 7.4 7.5 11.3#



#18

Methyl Acetate

Concen: 0.263 ug/l

RT: 2.75 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX016054.D

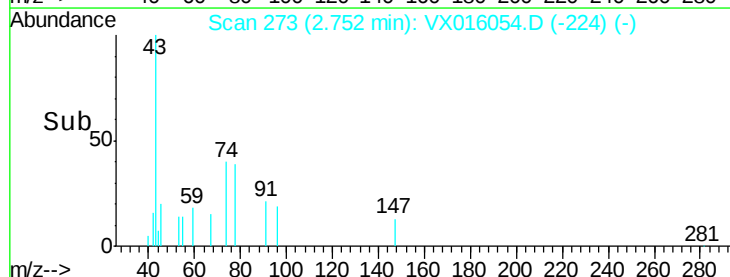
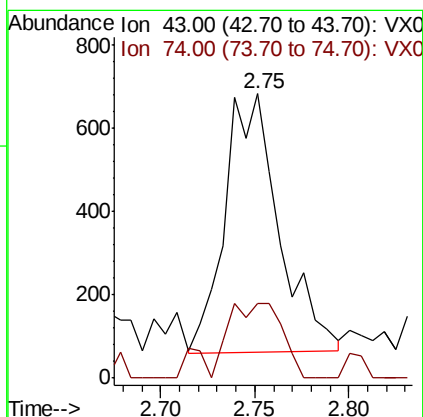
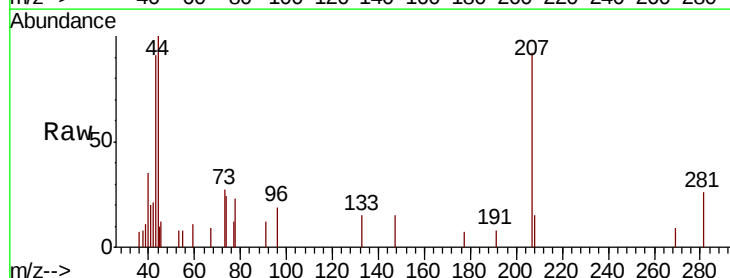
Acq: 05 May 2020 11:33

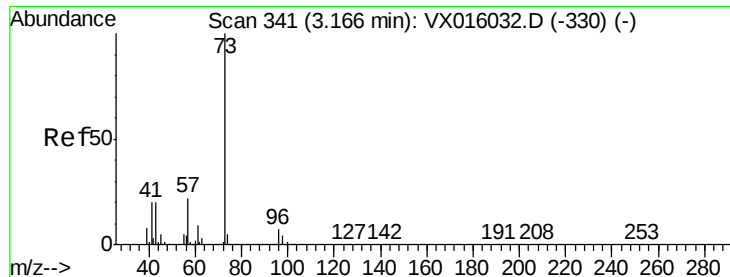
Tgt Ion: 43 Resp: 1243

Ion Ratio Lower Upper

43 100

74 31.7 20.2 30.2#



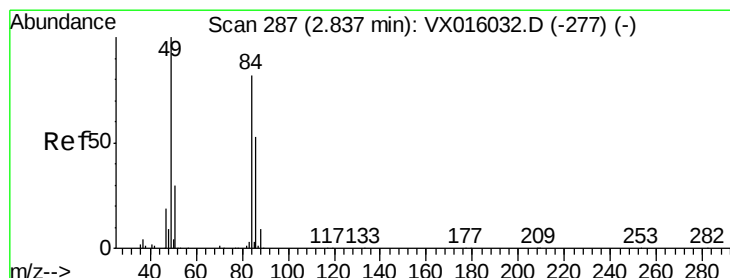
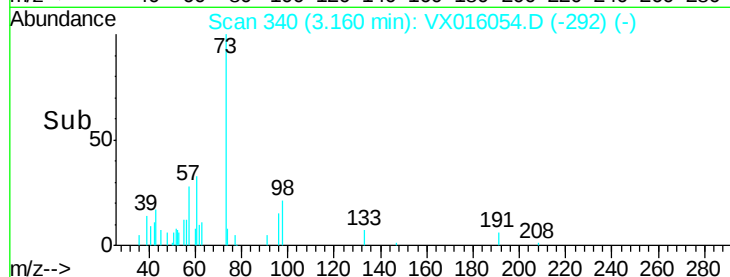
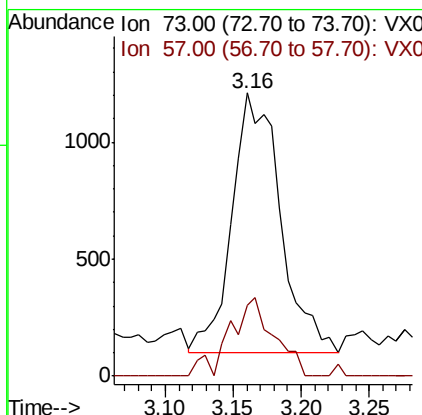
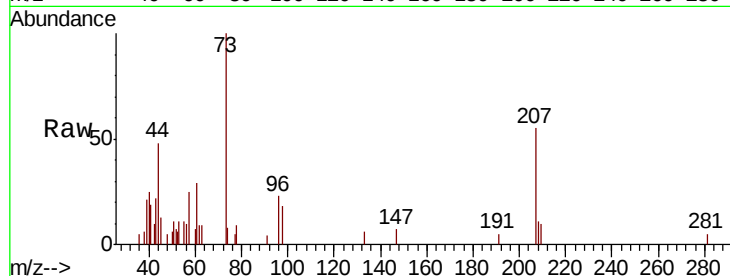


#19

Methyl tert-butyl Ether
 Concen: 0.236 ug/l
 RT: 3.16 min Scan# 340
 Delta R.T. -0.01 min
 Lab File: VX016054.D
 Acq: 05 May 2020 11:33

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2020

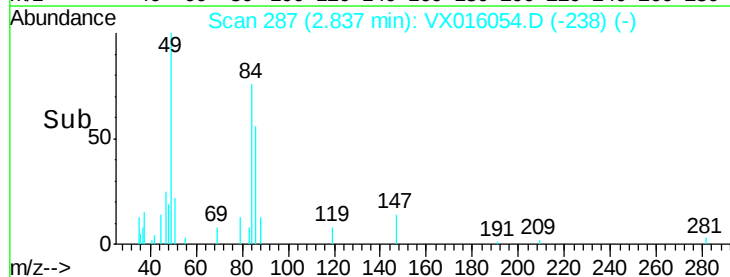
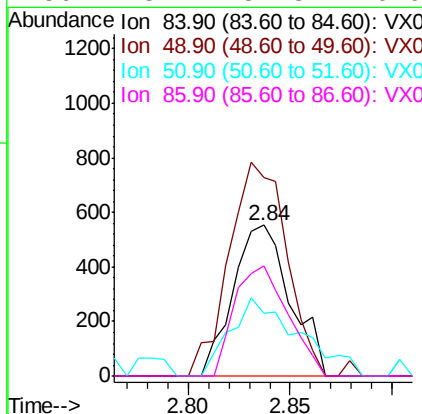
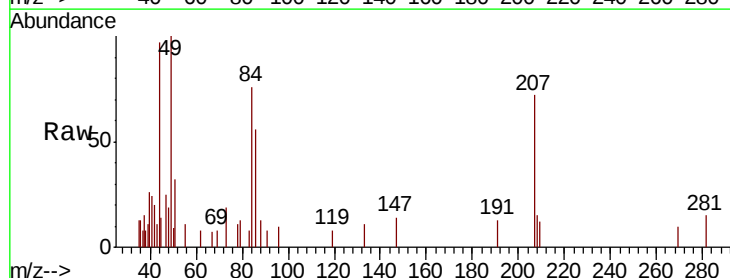
Tot Ion: 73 Resp: 2774
 Ion Ratio Lower Upper
 73 100
 57 27.2 17.8 26.6#

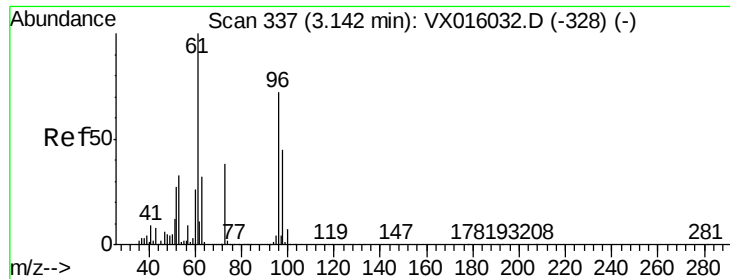


#20

Methylene Chloride
 Concen: 0.273 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. -0.00 min
 Lab File: VX016054.D
 Acq: 05 May 2020 11:33

Tgt Ion: 84 Resp: 1083
 Ion Ratio Lower Upper
 84 100
 49 131.5 97.3 145.9
 51 42.0 29.3 43.9
 86 73.4 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 0.455 ug/l

RT: 3.15 min Scan# 338

Delta R.T. 0.01 min

Lab File: VX016054.D

Acq: 05 May 2020 11:33

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

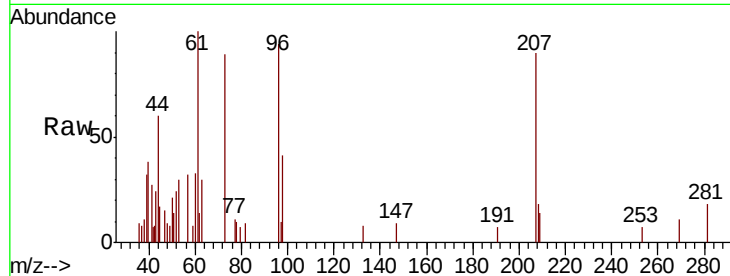
Tot Ion: 96 Resp: 1728

Ion Ratio Lower Upper

96 100

61 106.1 111.2 166.8#

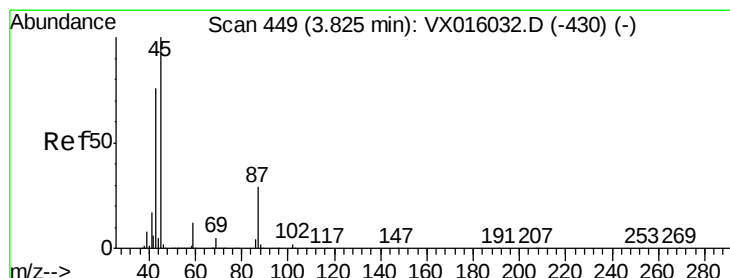
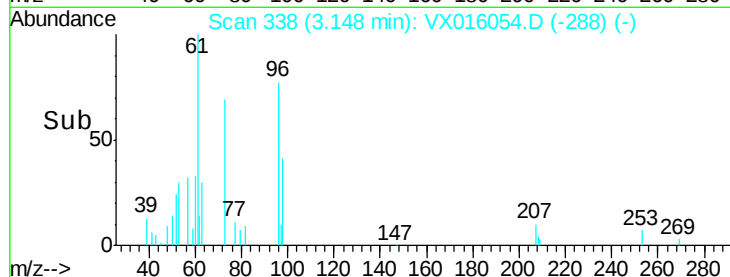
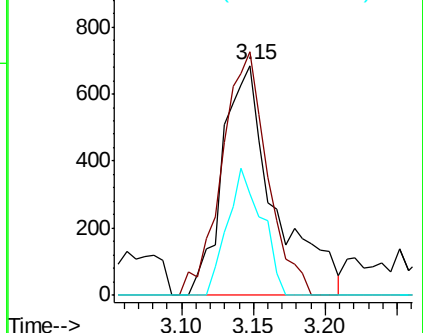
98 44.0 50.2 75.4#



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 0.228 ug/l

RT: 3.82 min Scan# 448

Delta R.T. -0.01 min

Lab File: VX016054.D

Acq: 05 May 2020 11:33

Tgt Ion: 45 Resp: 2680

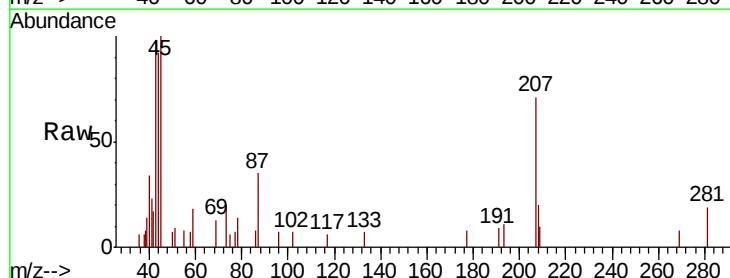
Ion Ratio Lower Upper

45 100

43 81.7 61.1 91.7

87 35.2 23.0 34.6#

59 17.8 9.8 14.6#

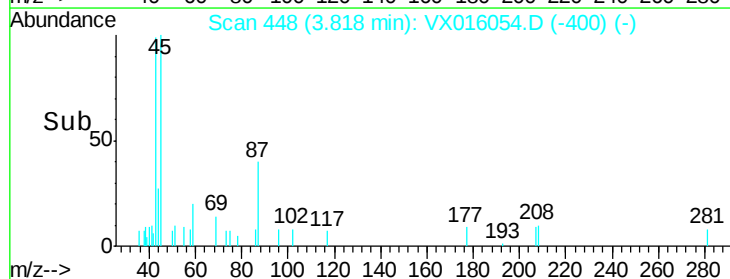
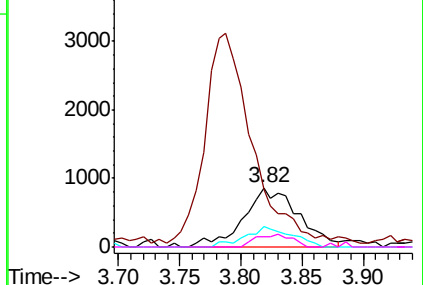


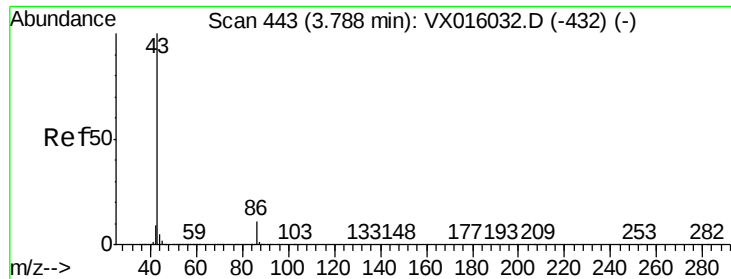
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 0.796 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX016054.D

Acq: 05 May 2020 11:33

Instrument :

MSVOA_X

ClientSampleId :

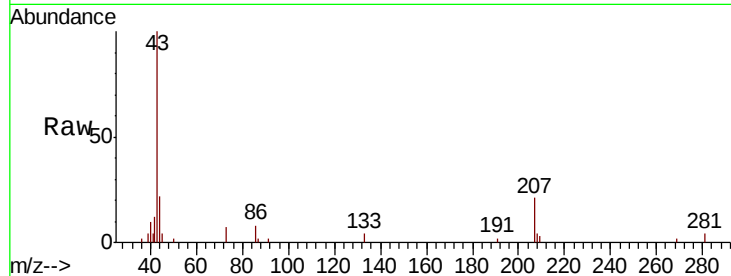
LOD-MDL-WATER-01-QT2-2020

Tot Ion: 43 Resp: 8252

Ion Ratio Lower Upper

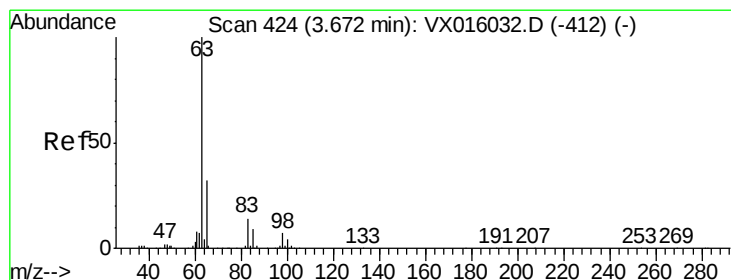
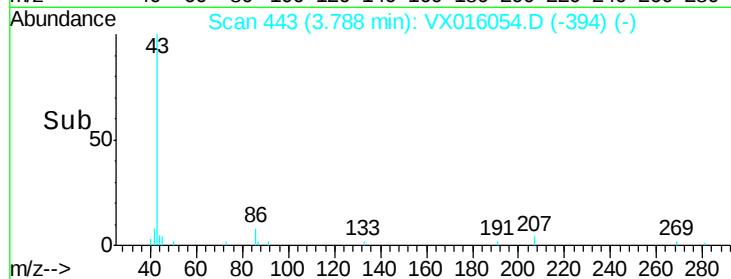
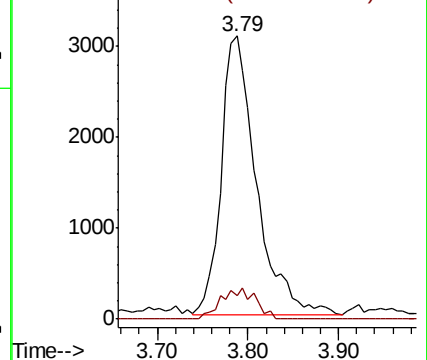
43 100

86 8.3 9.0 13.4#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 0.237 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX016054.D

Acq: 05 May 2020 11:33

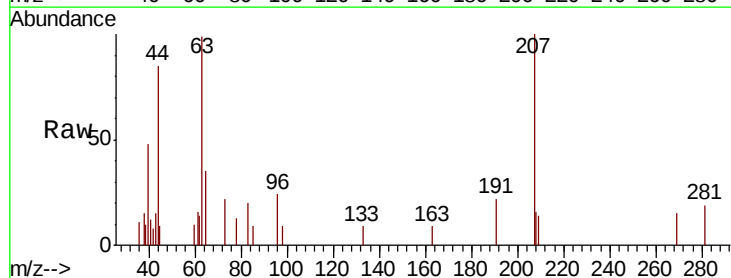
Tgt Ion: 63 Resp: 1564

Ion Ratio Lower Upper

63 100

98 9.1 3.5 10.5

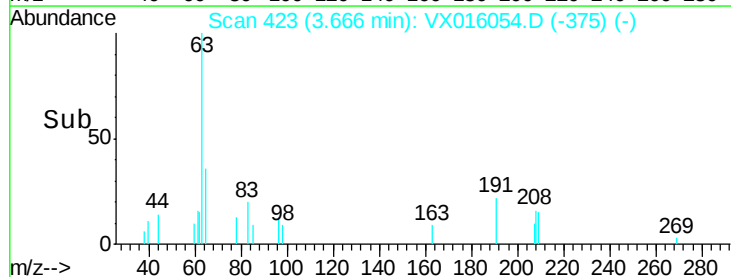
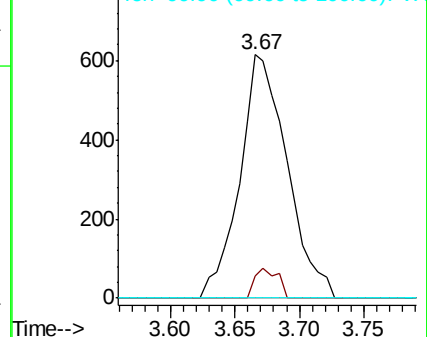
100 0.0 2.1 6.5#

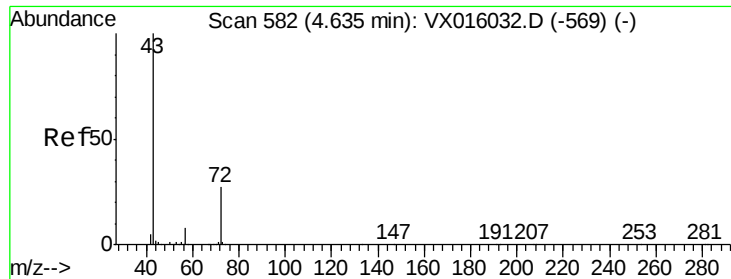


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 0.989 ug/l

RT: 4.64 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX016054.D

Acq: 05 May 2020 11:33

Instrument :

MSVOA_X

ClientSampleId :

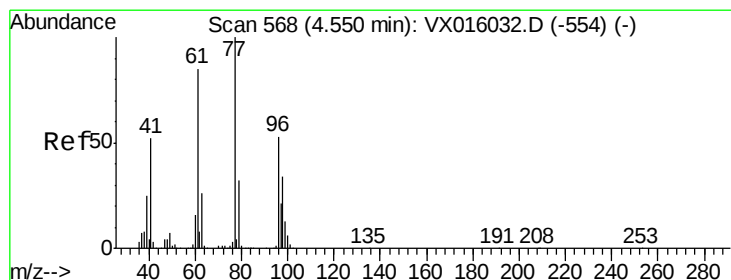
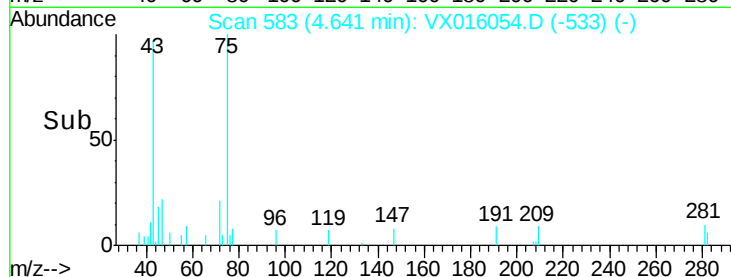
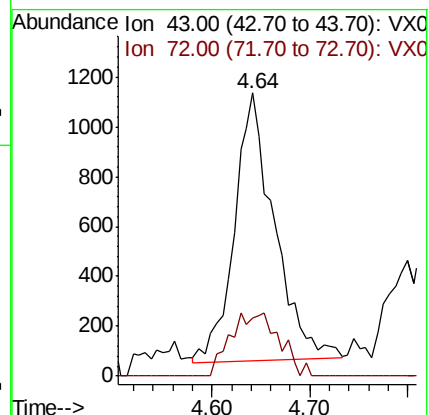
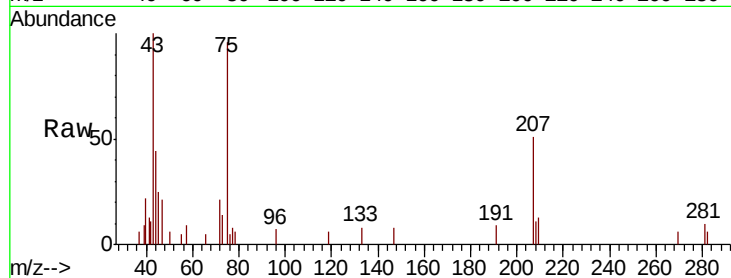
LOD-MDL-WATER-01-QT2-2020

Tot Ion: 43 Resp: 3065

Ion Ratio Lower Upper

43 100

72 21.9 21.8 32.8



#26

2,2-Dichloropropane

Concen: 0.265 ug/l

RT: 4.56 min Scan# 569

Delta R.T. 0.01 min

Lab File: VX016054.D

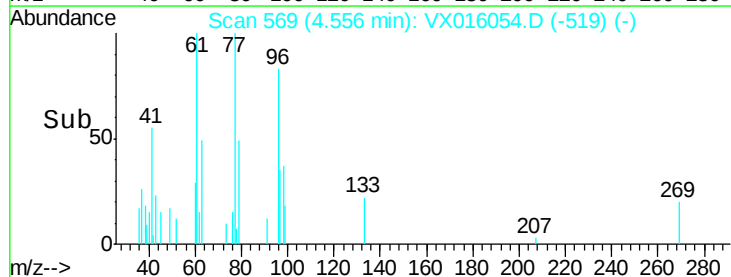
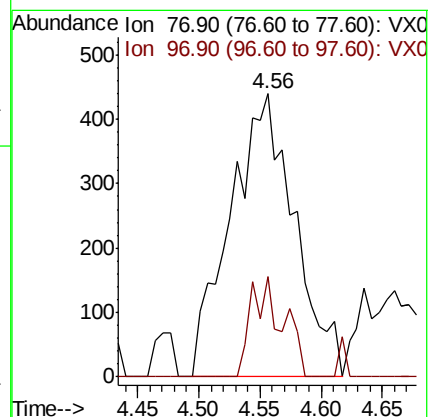
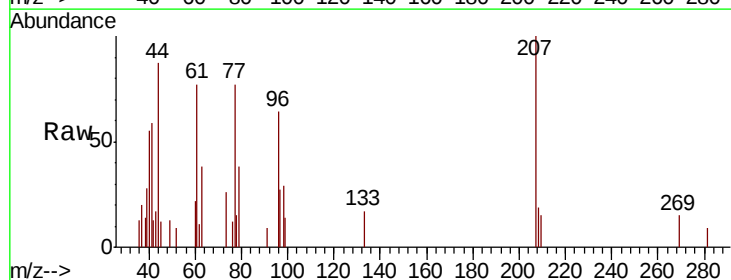
Acq: 05 May 2020 11:33

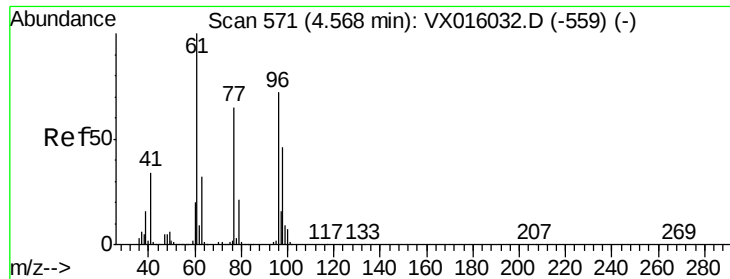
Tgt Ion: 77 Resp: 1597

Ion Ratio Lower Upper

77 100

97 17.5 11.2 33.6



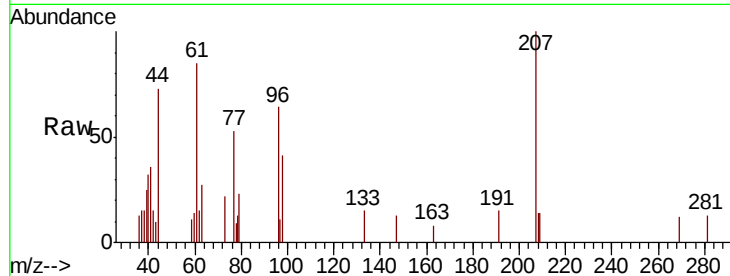


#27

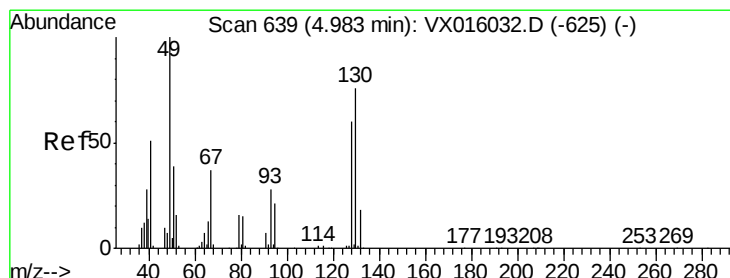
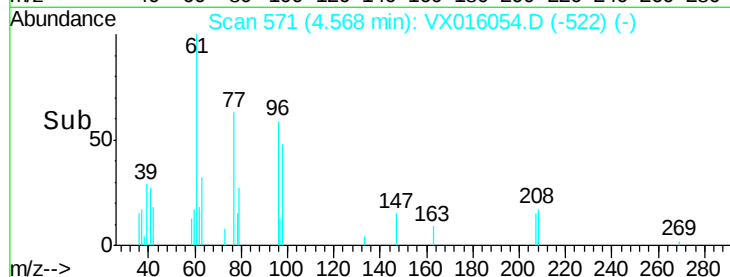
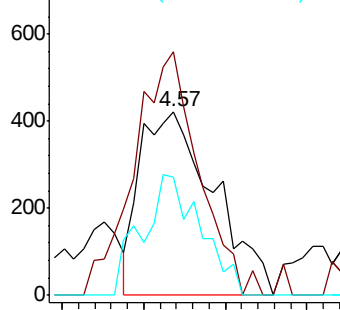
cis-1,2-Dichloroethene
Concen: 0.320 ug/l
RT: 4.57 min Scan# 571
Delta R.T. -0.00 min
Lab File: VX016054.D
Acq: 05 May 2020 11:33

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

Tot Ion	Ratio	Lower	Upper
96	100		
61	116.4	0.0	296.2
98	52.3	0.0	129.4



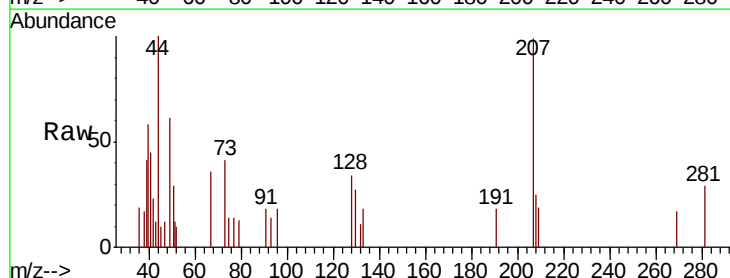
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



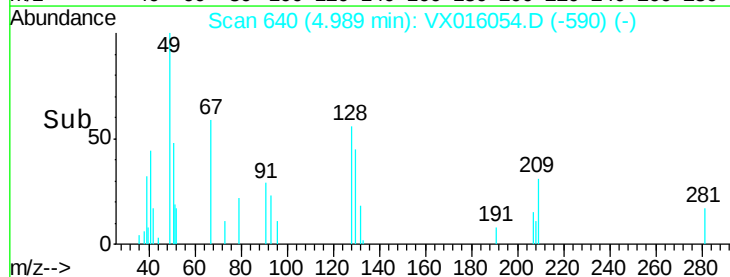
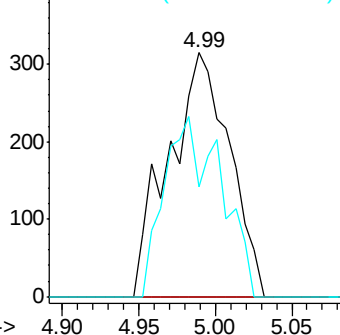
#28

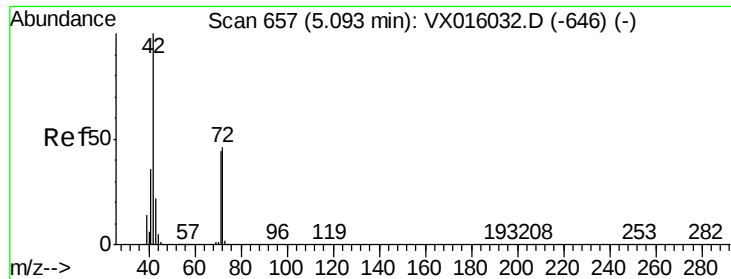
Bromochloromethane
Concen: 0.290 ug/l
RT: 4.99 min Scan# 640
Delta R.T. 0.01 min
Lab File: VX016054.D
Acq: 05 May 2020 11:33

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.0
130	68.8	62.4	93.6



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

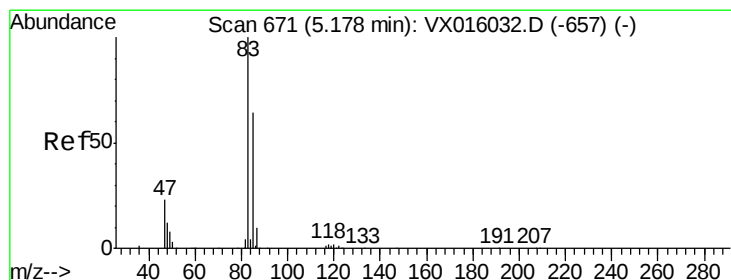
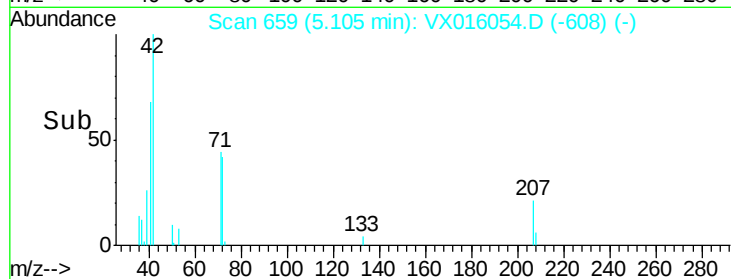
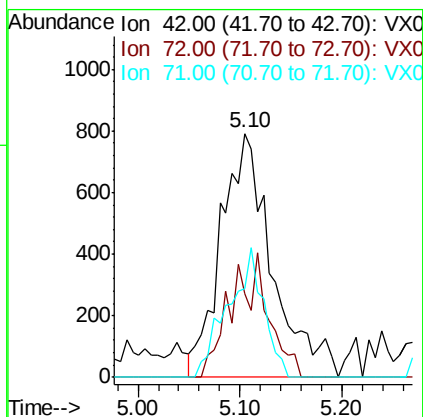
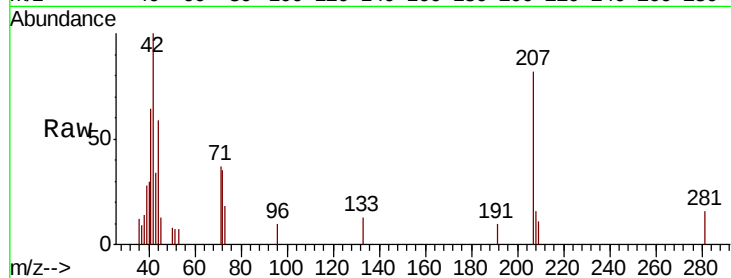




#29
Tetrahydrofuran
Concen: 1.347 ug/l
RT: 5.10 min Scan# 659
Delta R.T. 0.01 min
Lab File: VX016054.D
Acq: 05 May 2020 11:33

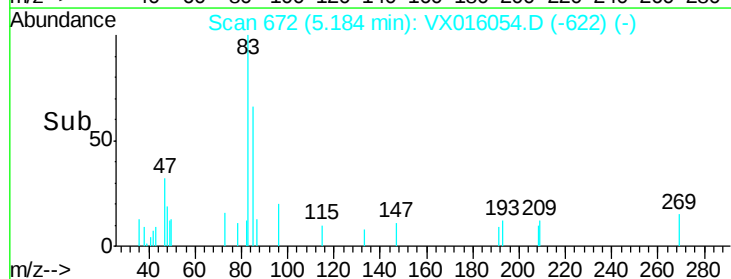
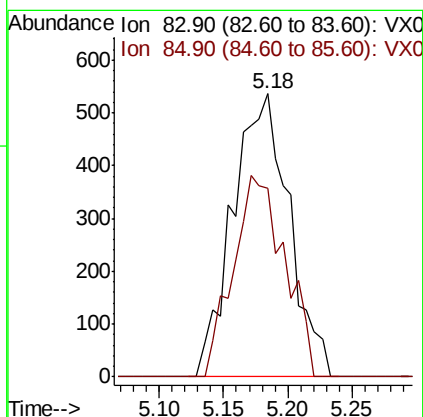
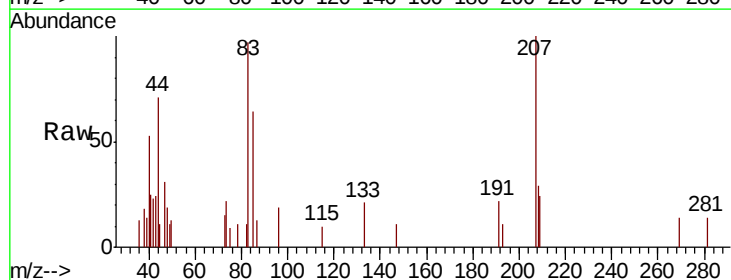
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

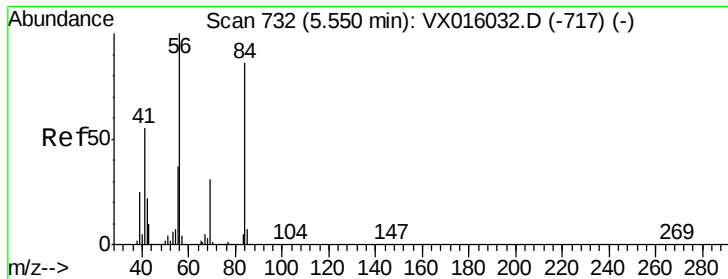
Tot Ion: 42 Resp: 2765
Ion Ratio Lower Upper
42 100
72 21.3 37.1 55.7#
71 36.8 34.5 51.7



#30
Chloroform
Concen: 0.247 ug/l
RT: 5.18 min Scan# 672
Delta R.T. 0.01 min
Lab File: VX016054.D
Acq: 05 May 2020 11:33

Tgt Ion: 83 Resp: 1623
Ion Ratio Lower Upper
83 100
85 66.4 51.6 77.4

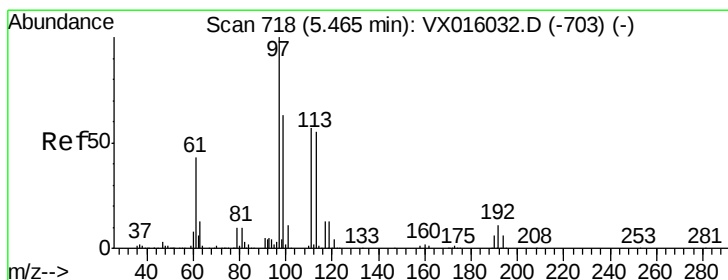
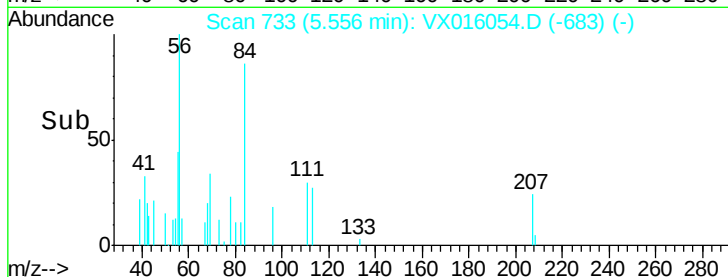
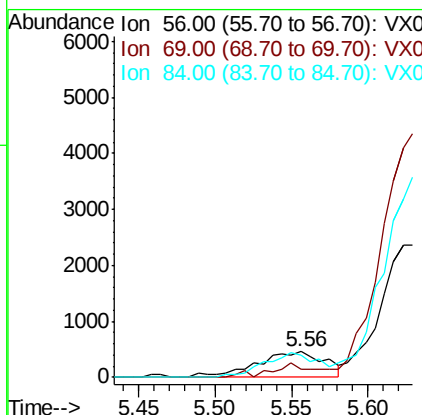
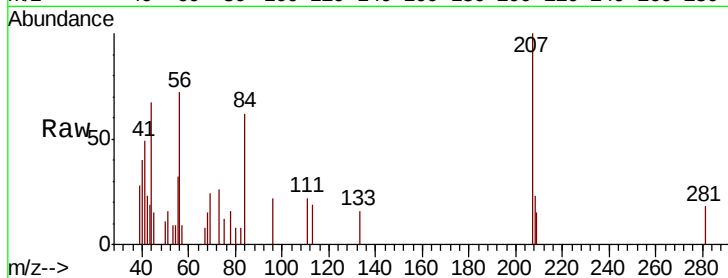




#31
Cyclohexane
Concen: 0.239 ug/l
RT: 5.56 min Scan# 733
Delta R.T. 0.01 min
Lab File: VX016054.D
Acq: 05 May 2020 11:33

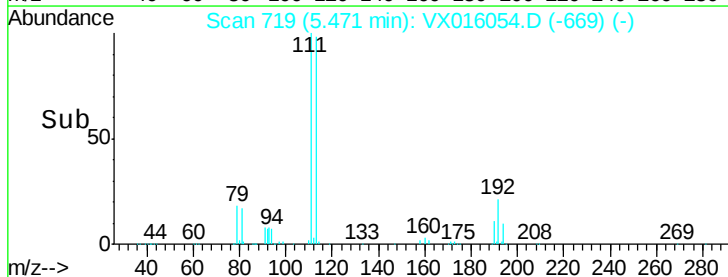
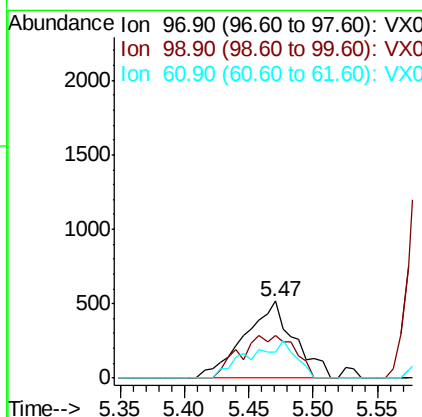
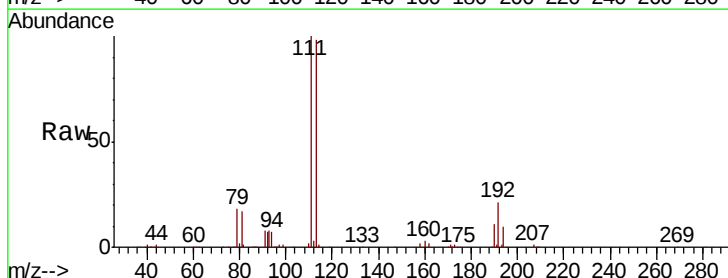
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

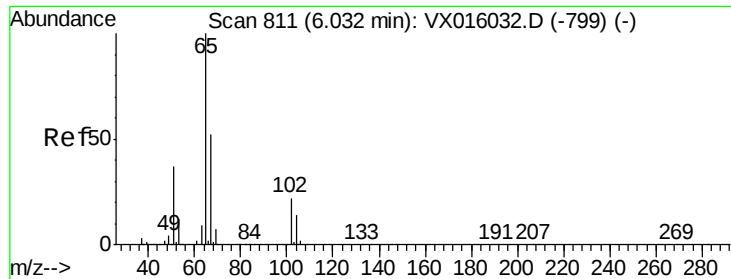
Tot Ion: 56 Resp: 1432
Ion Ratio Lower Upper
56 100
69 33.6 25.0 37.6
84 85.9 69.0 103.6



#32
1,1,1-Trichloroethane
Concen: 0.233 ug/l
RT: 5.47 min Scan# 719
Delta R.T. 0.01 min
Lab File: VX016054.D
Acq: 05 May 2020 11:33

Tgt Ion: 97 Resp: 1387
Ion Ratio Lower Upper
97 100
99 0.0 51.0 76.4#
61 45.5 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 44.259 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016054.D

Acq: 05 May 2020 11:33

Instrument :

MSVOA_X

ClientSampleId :

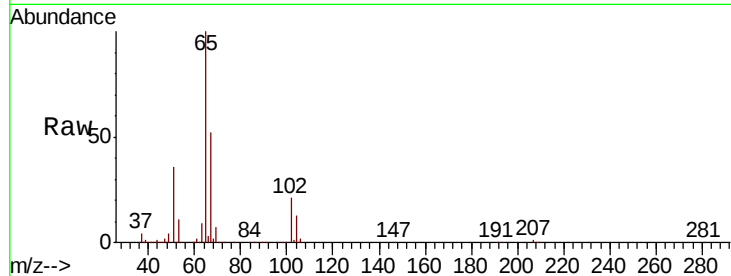
LOD-MDL-WATER-01-QT2-2020

Tot Ion: 65 Resp: 190745

Ion Ratio Lower Upper

65 100

67 52.3 0.0 104.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

80000

60000

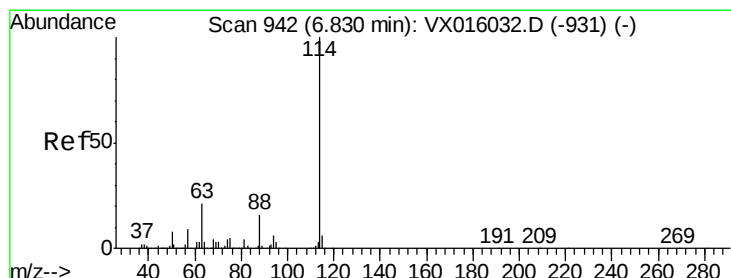
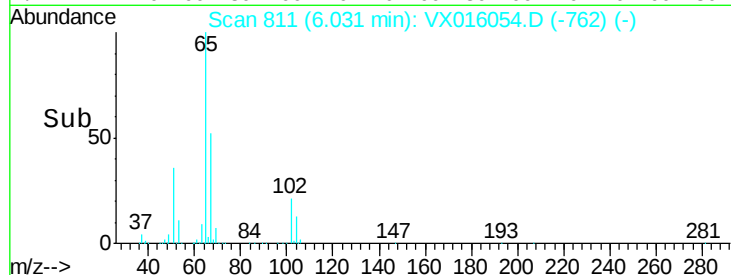
40000

20000

0

5.90 6.00 6.10 6.20

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016054.D

Acq: 05 May 2020 11:33

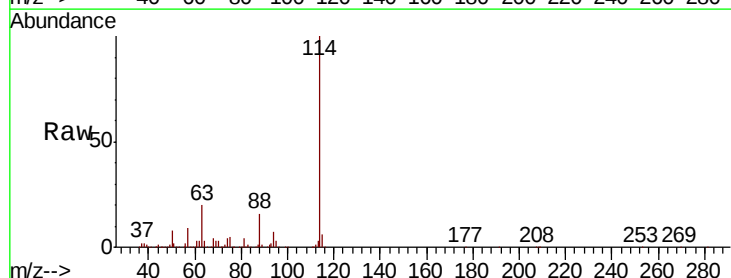
Tgt Ion: 114 Resp: 514543

Ion Ratio Lower Upper

114 100

63 20.1 0.0 42.8

88 15.6 0.0 31.4



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

300000

250000

200000

150000

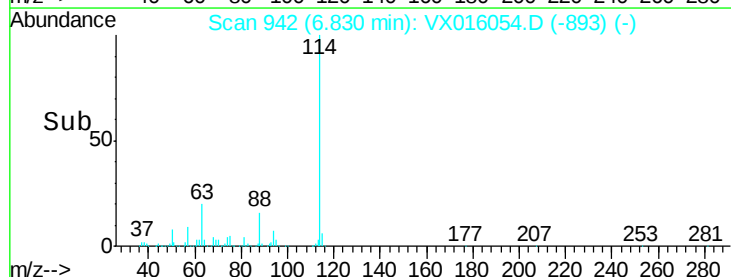
100000

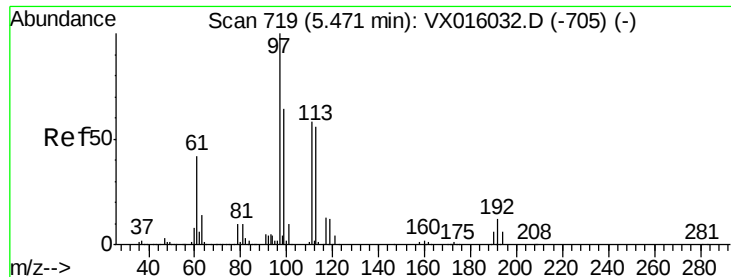
50000

0

6.70 6.80 6.90

Time-->

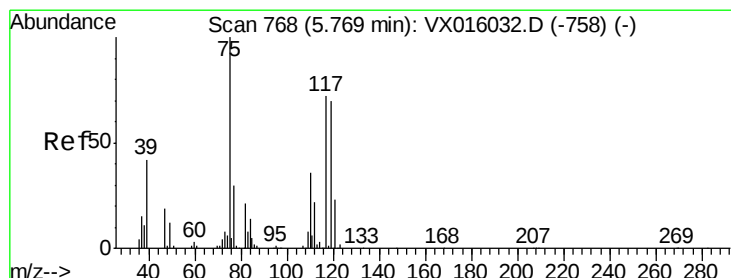
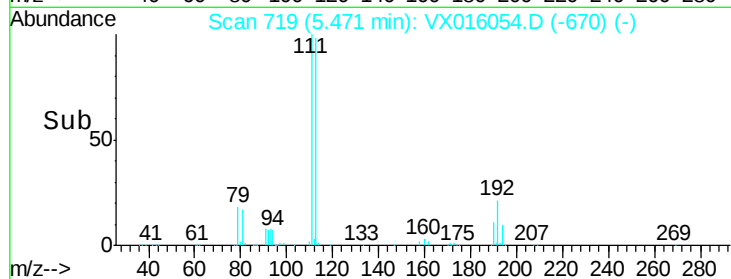
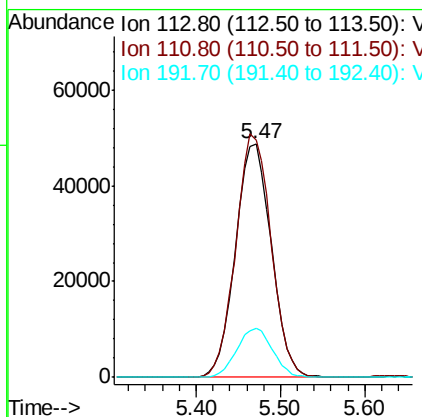
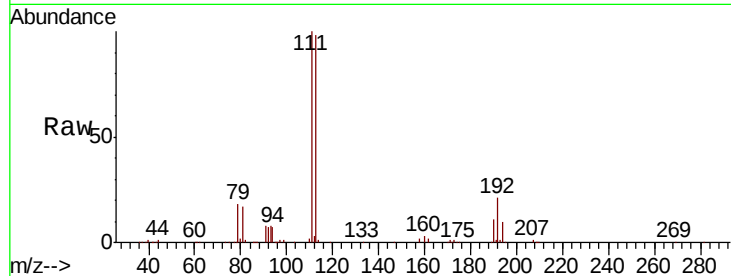




#35
 Dibromofluoromethane
 Concen: 43.172 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. -0.00 min
 Lab File: VX016054.D
 Acq: 05 May 2020 11:33

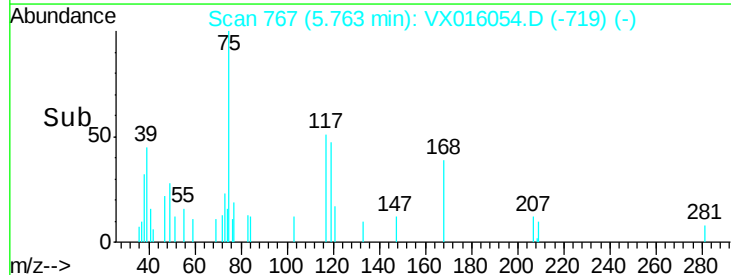
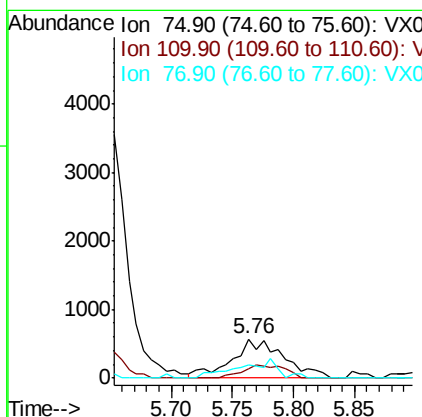
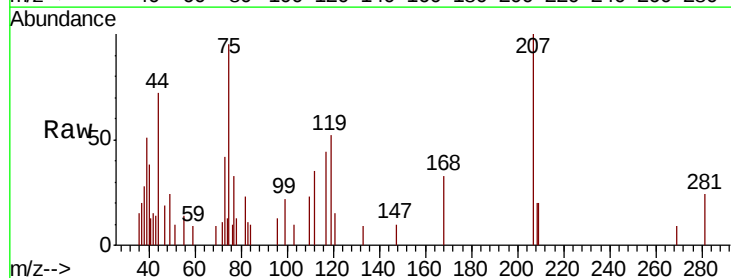
Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2020

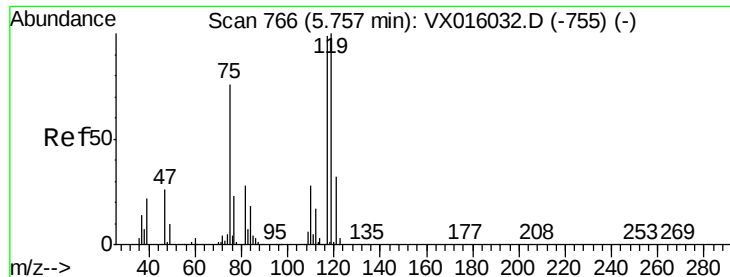
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.6	122.4
192	20.9	17.0	25.4



#36
 1,1-Dichloropropene
 Concen: 0.330 ug/l
 RT: 5.76 min Scan# 767
 Delta R.T. -0.01 min
 Lab File: VX016054.D
 Acq: 05 May 2020 11:33

Tgt Ion	Ratio	Lower	Upper
75	100		
110	26.9	18.1	54.1
77	38.0	25.0	37.6#

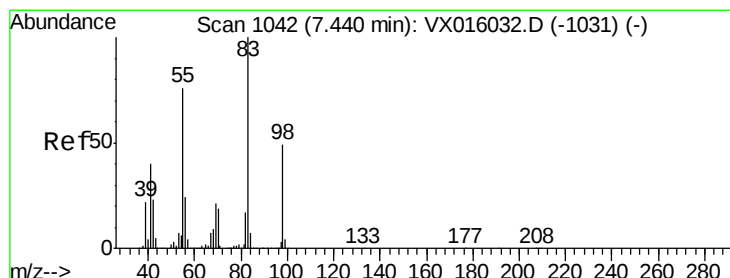
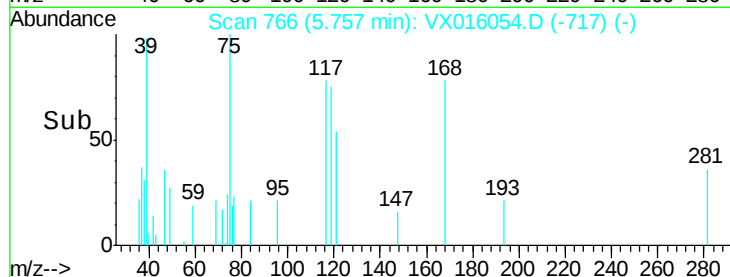
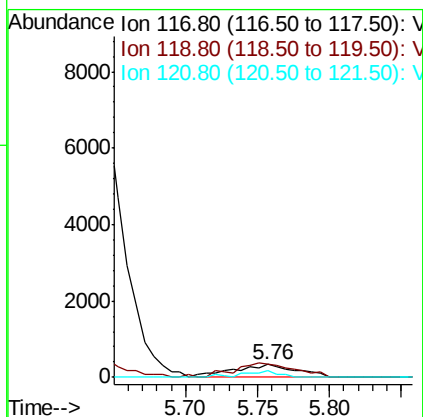
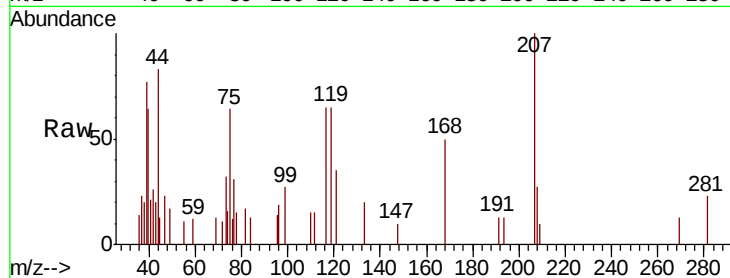




#38
Carbon Tetrachloride
Concen: 0.202 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX016054.D
Acq: 05 May 2020 11:33

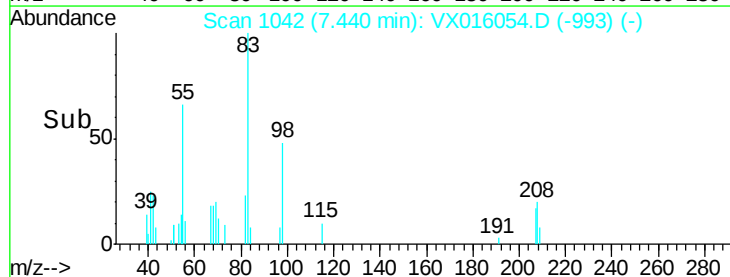
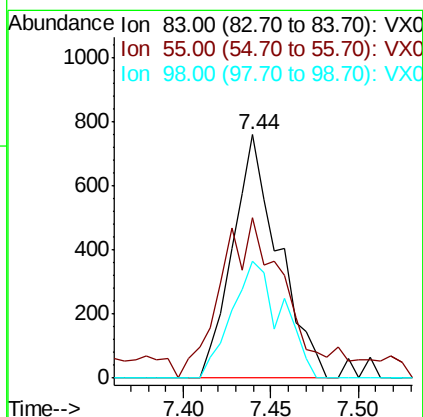
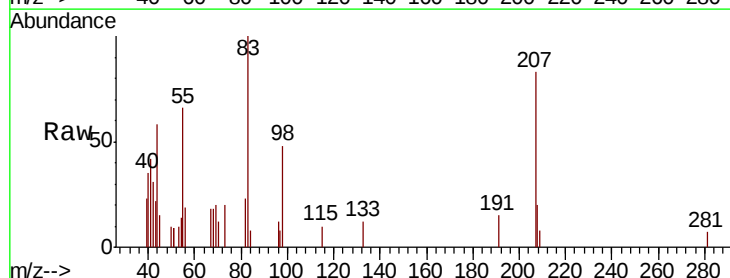
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

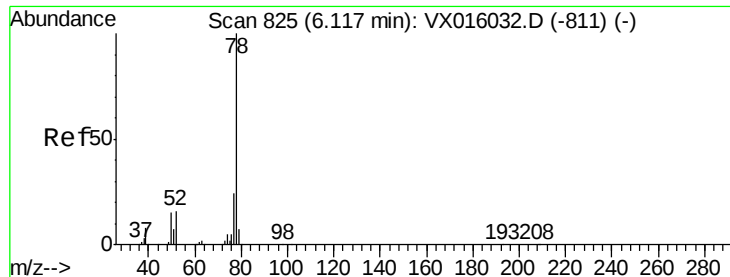
Tot Ion:117 Resp: 1041
Ion Ratio Lower Upper
117 100
119 99.4 80.3 120.5
121 52.8 25.7 38.5#



#39
Methylcyclohexane
Concen: 0.227 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016054.D
Acq: 05 May 2020 11:33

Tgt Ion: 83 Resp: 1387
Ion Ratio Lower Upper
83 100
55 57.6 61.1 91.7#
98 47.9 39.0 58.4





#40

Benzene

Concen: 0.239 ug/l

RT: 6.12 min Scan# 825

Delta R.T. -0.00 min

Lab File: VX016054.D

Acq: 05 May 2020 11:33

Instrument :

MSVOA_X

ClientSampleId :

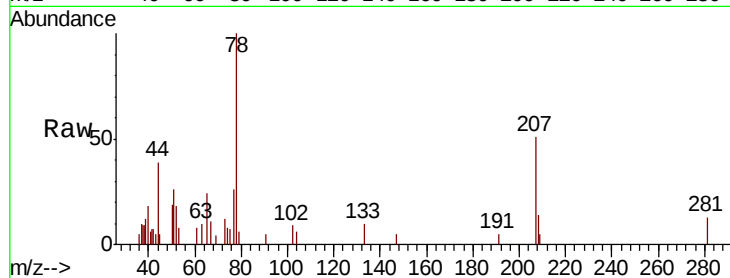
LOD-MDL-WATER-01-QT2-2020

Tot Ion: 78 Resp: 3535

Ion Ratio Lower Upper

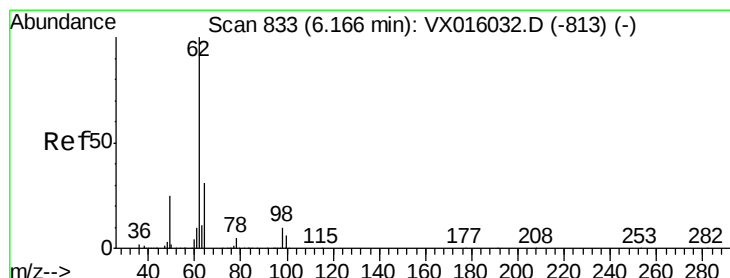
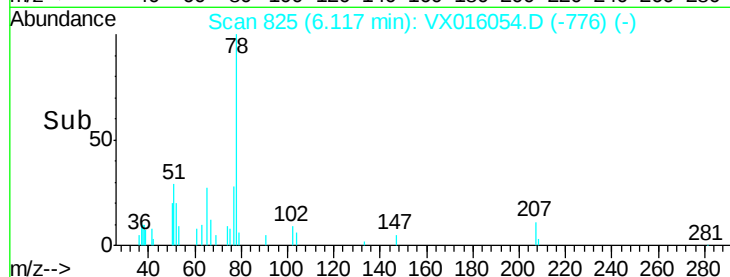
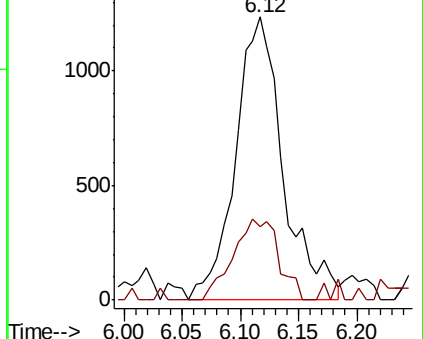
78 100

77 26.0 19.0 28.4



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#42

1,2-Dichloroethane

Concen: 0.300 ug/l

RT: 6.16 min Scan# 832

Delta R.T. -0.01 min

Lab File: VX016054.D

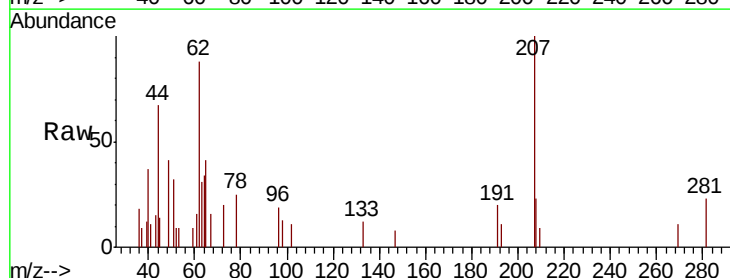
Acq: 05 May 2020 11:33

Tgt Ion: 62 Resp: 1604

Ion Ratio Lower Upper

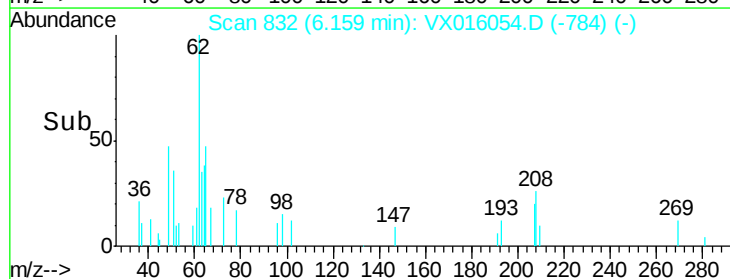
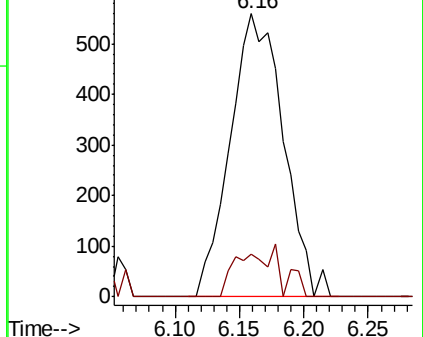
62 100

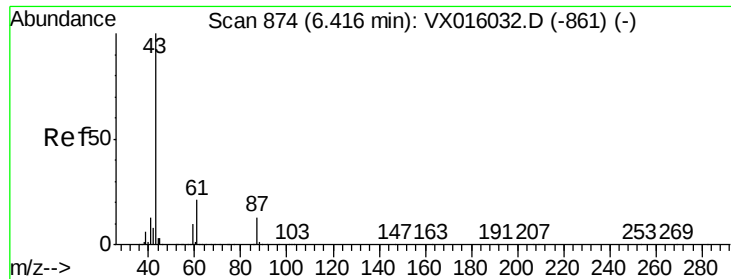
98 14.3 0.0 19.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



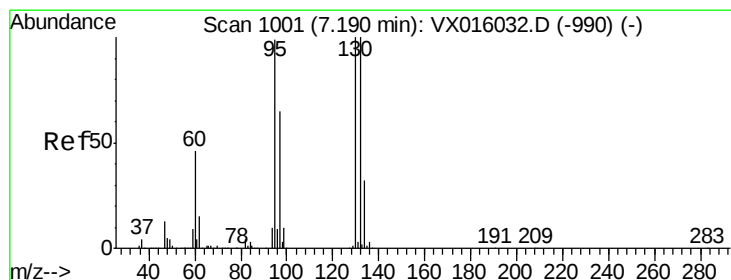
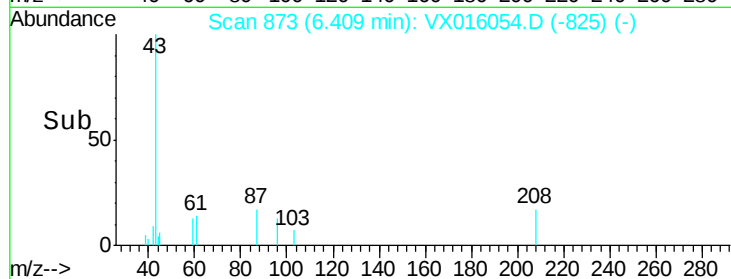
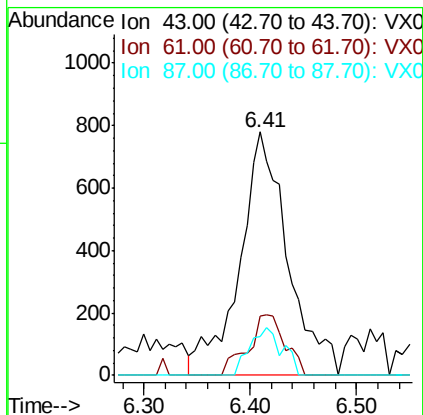
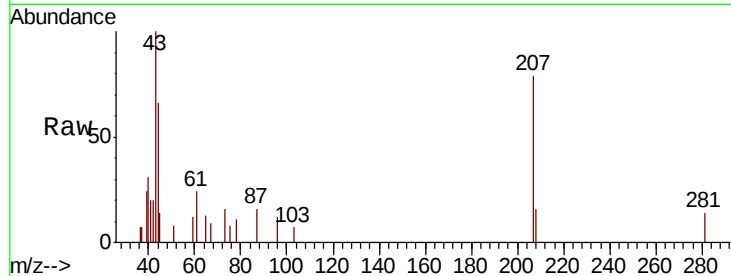


#43

Isopropyl Acetate
 Concen: 0.263 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX016054.D
 Acq: 05 May 2020 11:33

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2020

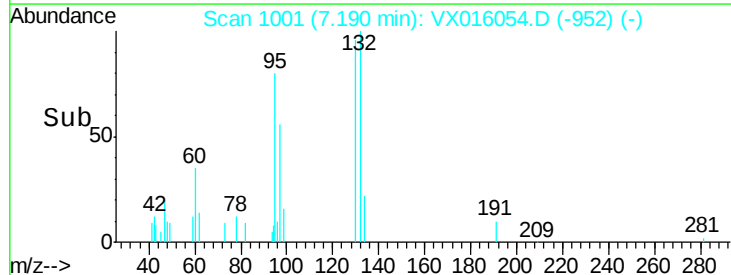
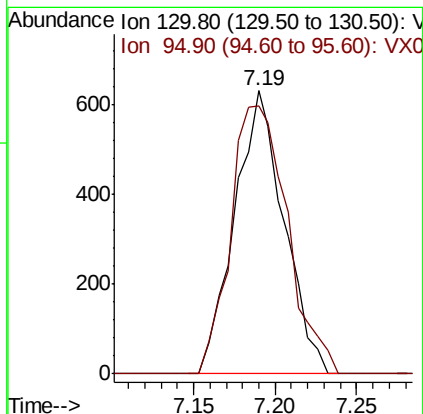
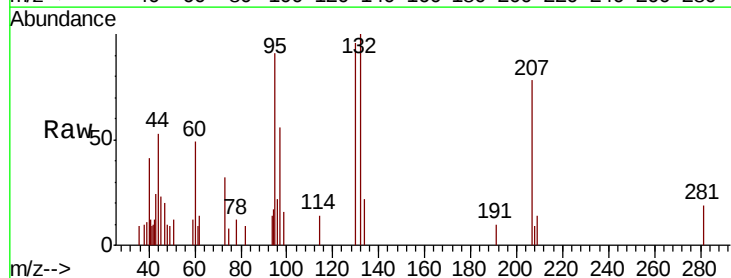
Tot Ion	43	Resp	2468
Ion Ratio	Lower	Upper	
43	100		
61	19.2	17.0	25.4
87	13.4	11.0	16.6

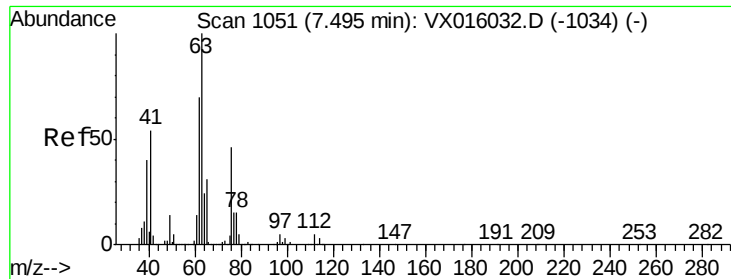


#44

Trichloroethene
 Concen: 0.252 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX016054.D
 Acq: 05 May 2020 11:33

Tgt Ion	130	Resp	1329
Ion Ratio	Lower	Upper	
130	100		
95	94.5	0.0	197.4





#45

1,2-Dichloropropane

Concen: 0.208 ug/l

RT: 7.49 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VX016054.D

Acq: 05 May 2020 11:33

Instrument :

MSVOA_X

ClientSampleId :

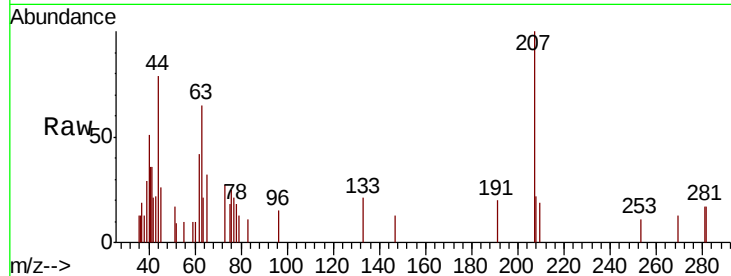
LOD-MDL-WATER-01-QT2-2020

Tot Ion: 63 Resp: 779

Ion Ratio Lower Upper

63 100

65 48.9 24.4 36.6#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.49

400

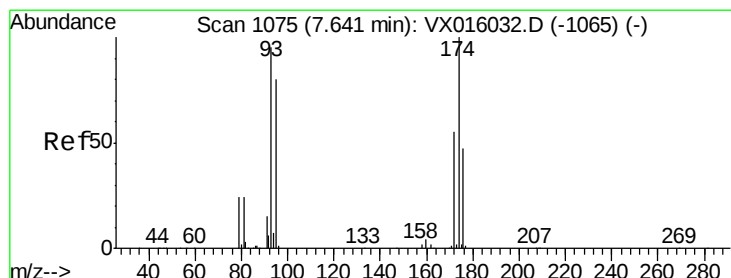
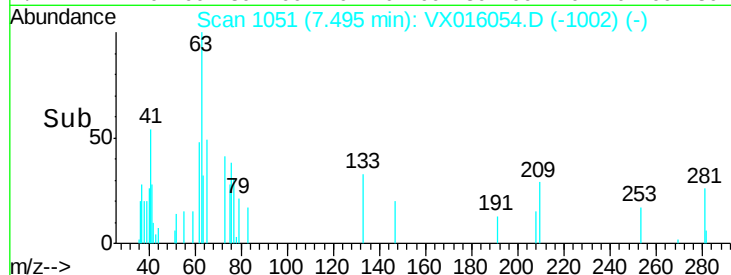
300

200

100

0

Time-->



#46

Dibromomethane

Concen: 0.235 ug/l

RT: 7.65 min Scan# 1076

Delta R.T. 0.01 min

Lab File: VX016054.D

Acq: 05 May 2020 11:33

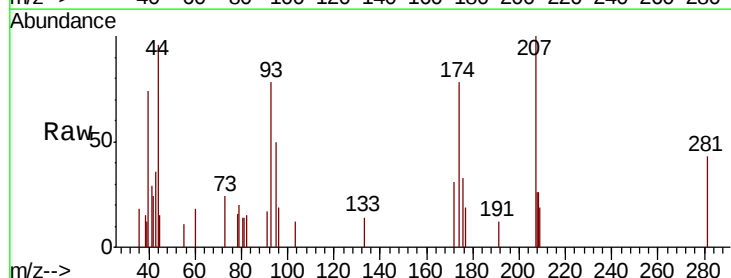
Tgt Ion: 93 Resp: 598

Ion Ratio Lower Upper

93 100

95 95.7 66.6 100.0

174 101.0 84.2 126.4



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

400

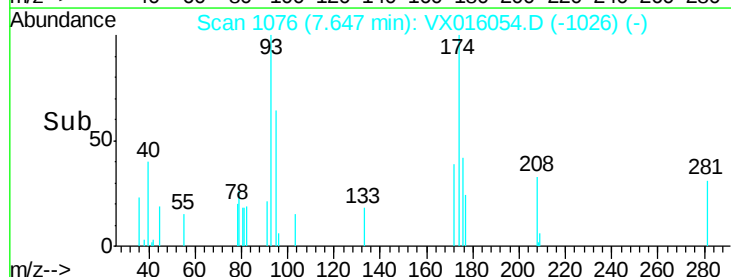
300

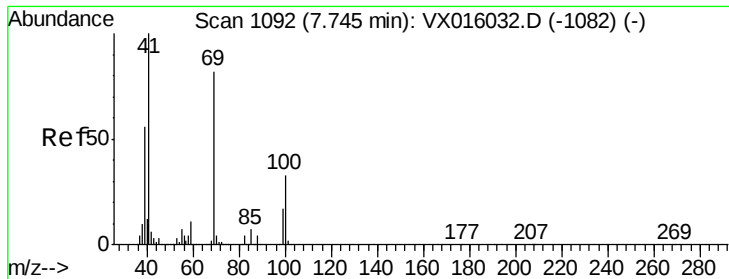
200

100

0

Time-->

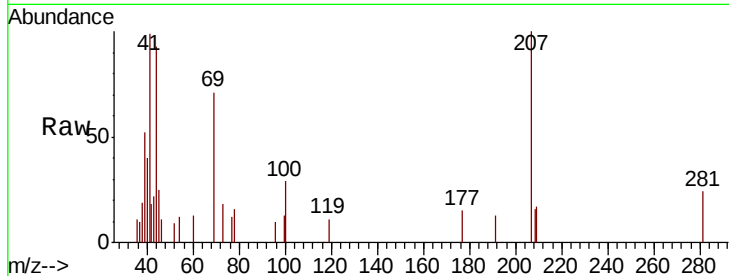




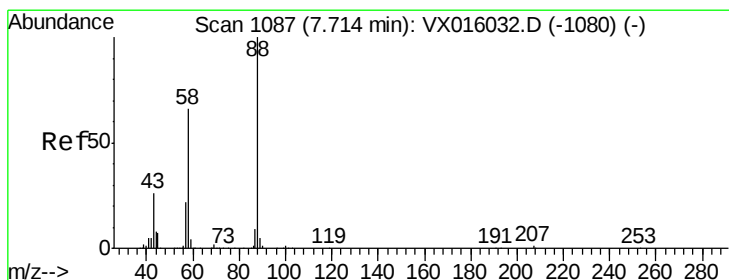
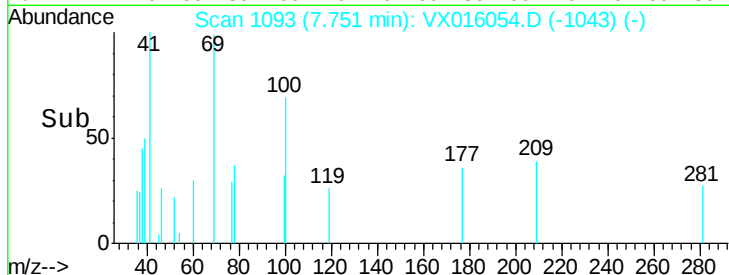
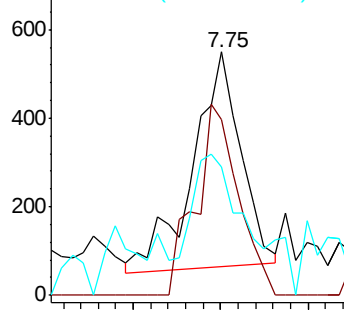
#48
Methvl methacrylate
Concen: 0.209 ug/l
RT: 7.75 min Scan# 1093
Delta R.T. 0.01 min
Lab File: VX016054.D
Acq: 05 May 2020 11:33

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

Tot Ion: 41 Resp: 929
Ion Ratio Lower Upper
41 100
69 79.0 67.8 101.6
39 80.1 44.6 67.0#

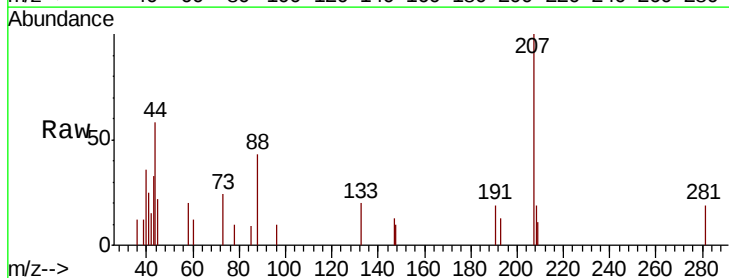


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

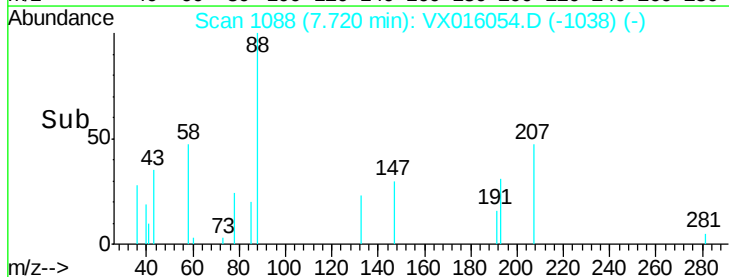
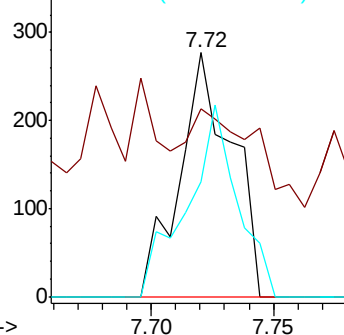


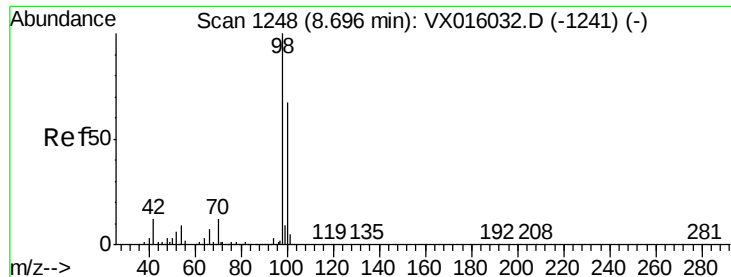
#49
1,4-Dioxane
Concen: 3.889 ug/l
RT: 7.72 min Scan# 1088
Delta R.T. 0.01 min
Lab File: VX016054.D
Acq: 05 May 2020 11:33

Tgt Ion: 88 Resp: 414
Ion Ratio Lower Upper
88 100
43 52.2 25.3 37.9#
58 75.8 55.9 83.9



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





#50

Toluene-d8

Concen: 45.305 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016054.D

Acq: 05 May 2020 11:33

Instrument :

MSVOA_X

ClientSampleId :

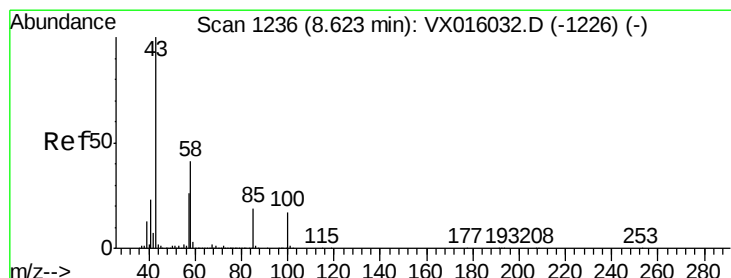
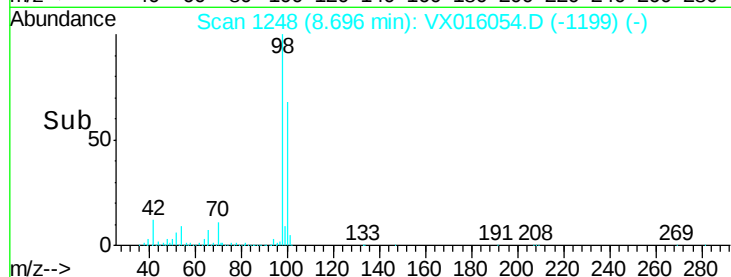
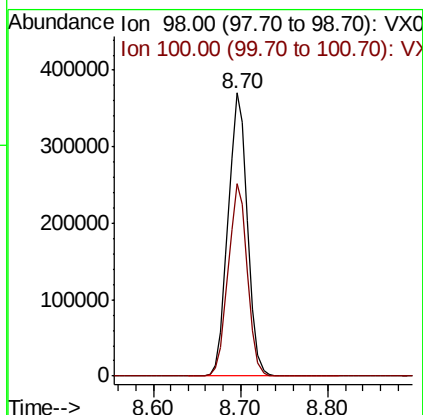
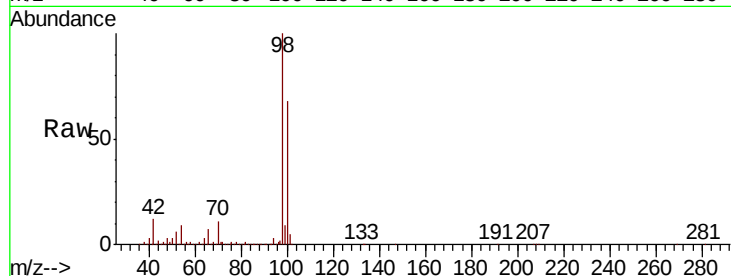
LOD-MDL-WATER-01-QT2-2020

Tot Ion: 98 Resp: 569054

Ion Ratio Lower Upper

98 100

100 67.3 53.7 80.5



#51

4-Methyl-2-Pentanone

Concen: 0.925 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX016054.D

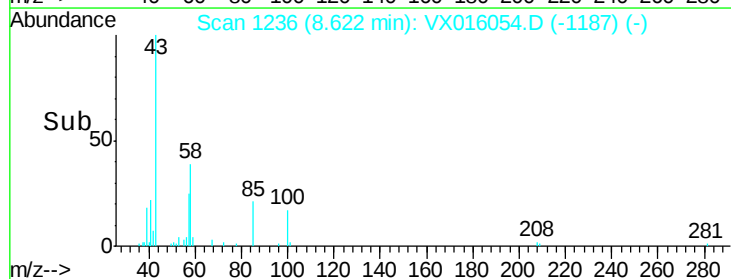
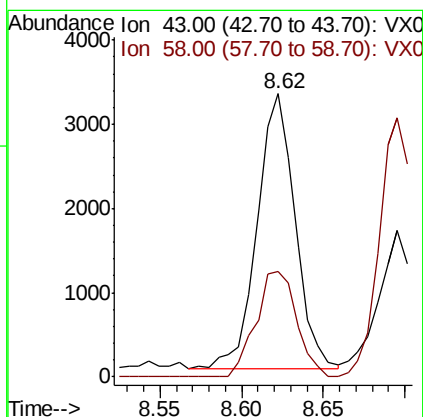
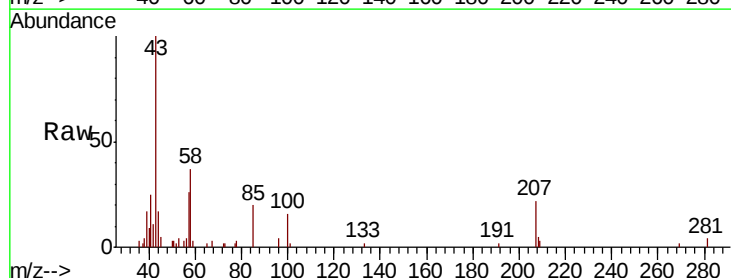
Acq: 05 May 2020 11:33

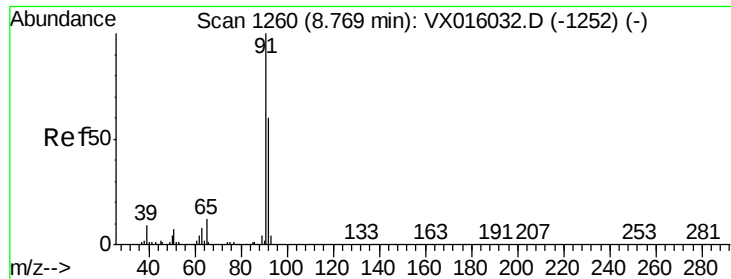
Tgt Ion: 43 Resp: 5303

Ion Ratio Lower Upper

43 100

58 40.7 33.0 49.4





#52

Toluene

Concen: 0.212 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX016054.D

Acq: 05 May 2020 11:33

Instrument :

MSVOA_X

ClientSampleId :

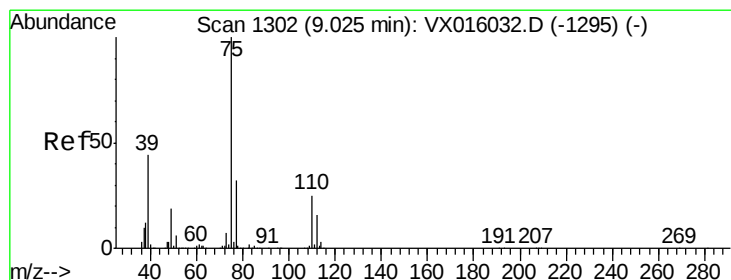
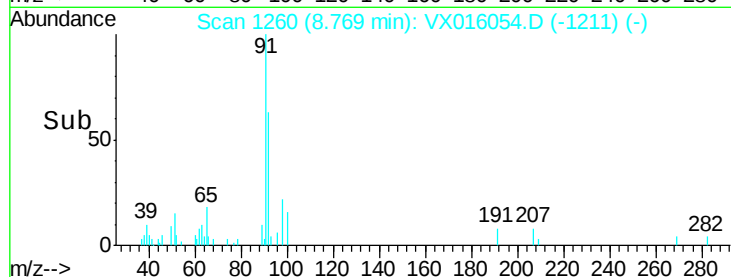
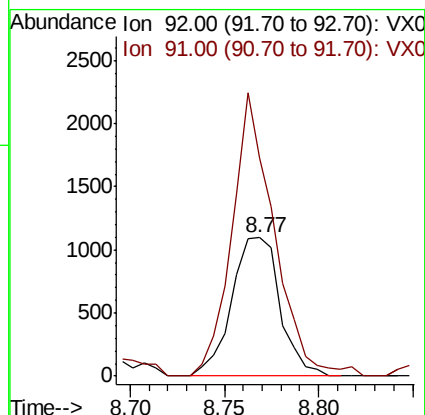
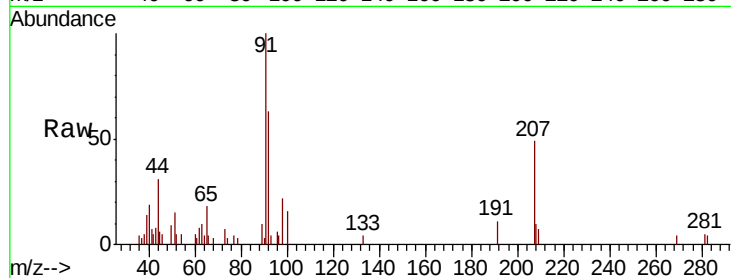
LOD-MDL-WATER-01-QT2-2020

Tot Ion: 92 Resp: 1958

Ion Ratio Lower Upper

92 100

91 177.7 134.5 201.7



#53

t-1,3-Dichloropropene

Concen: 0.257 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016054.D

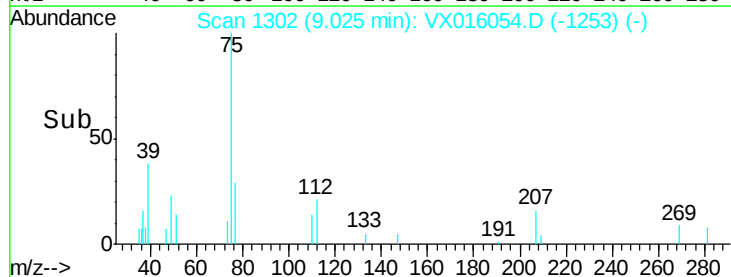
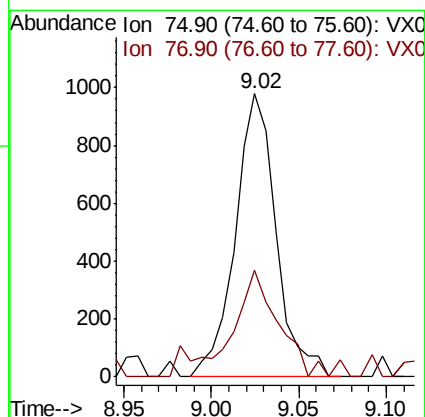
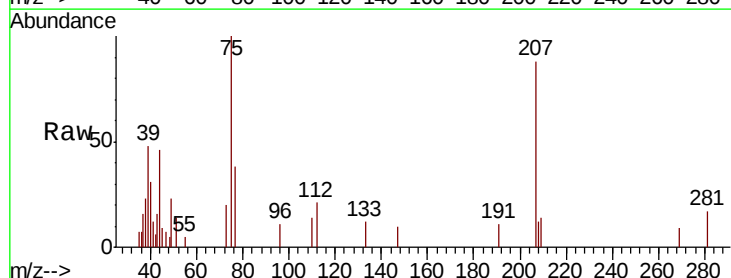
Acq: 05 May 2020 11:33

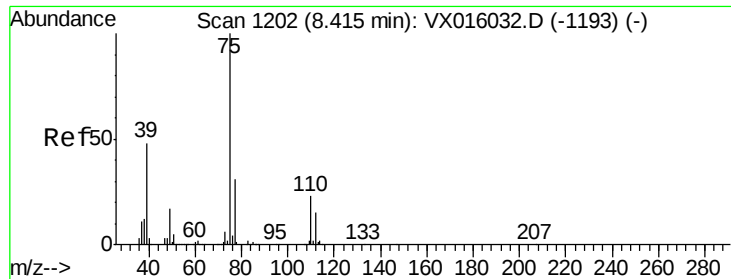
Tgt Ion: 75 Resp: 1592

Ion Ratio Lower Upper

75 100

77 32.0 25.7 38.5





#54

cis-1,3-Dichloropropene

Concen: 0.216 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016054.D

Acq: 05 May 2020 11:33

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

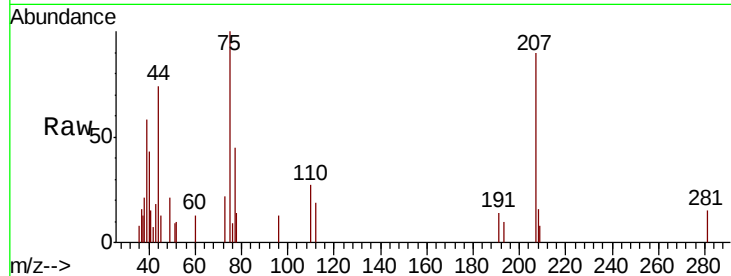
Tot Ion: 75 Resp: 1393

Ion Ratio Lower Upper

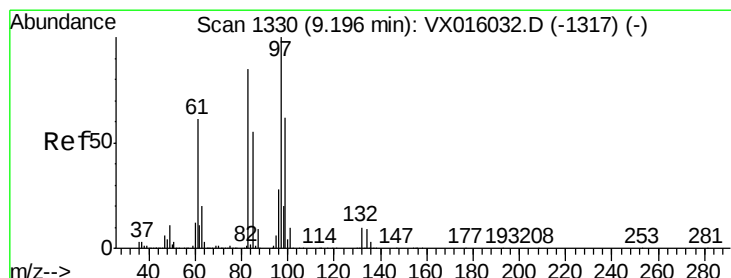
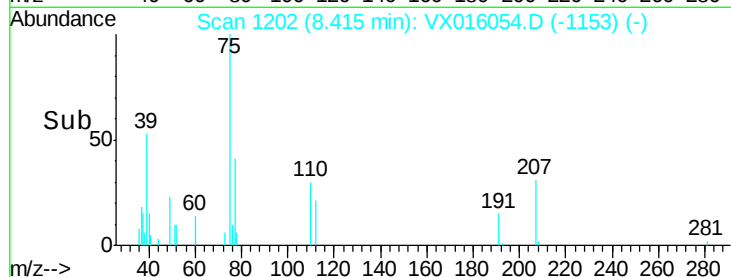
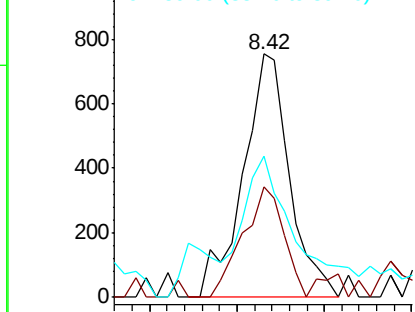
75 100

77 45.2 24.7 37.1#

39 45.0 38.7 58.1



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: 0.215 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX016054.D

Acq: 05 May 2020 11:33

Tgt Ion: 97 Resp: 781

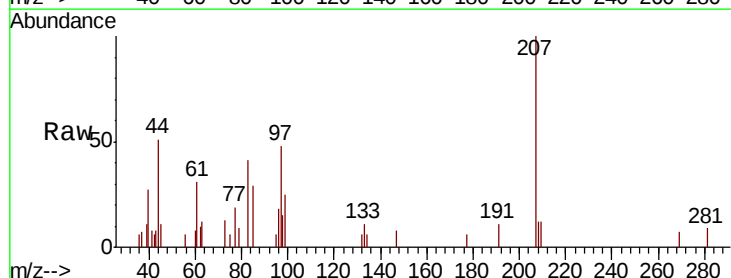
Ion Ratio Lower Upper

97 100

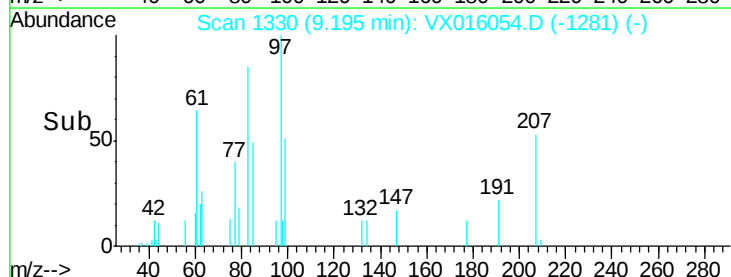
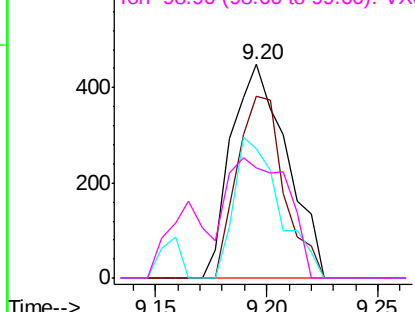
83 84.9 67.8 101.8

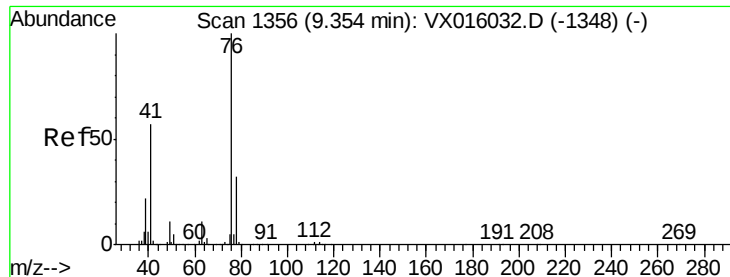
85 60.8 43.8 65.8

99 51.4 49.4 74.0



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





#57

1,3-Dichloropropane

Concen: 0.219 ug/l

RT: 9.36 min Scan# 1357

Delta R.T. 0.01 min

Lab File: VX016054.D

Acq: 05 May 2020 11:33

Instrument :

MSVOA_X

ClientSampleId :

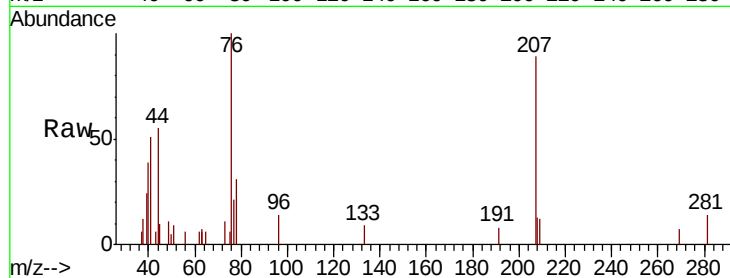
LOD-MDL-WATER-01-QT2-2020

Tot Ion: 76 Resp: 1387

Ion Ratio Lower Upper

76 100

78 53.1 25.9 38.9#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.36

800

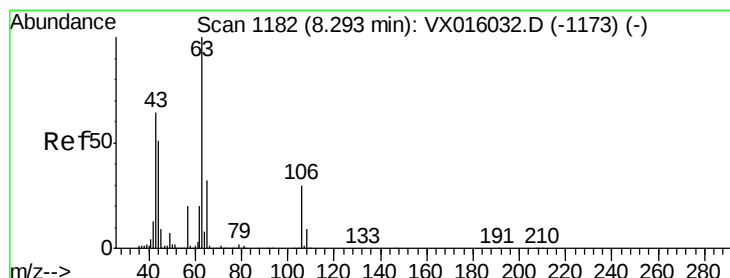
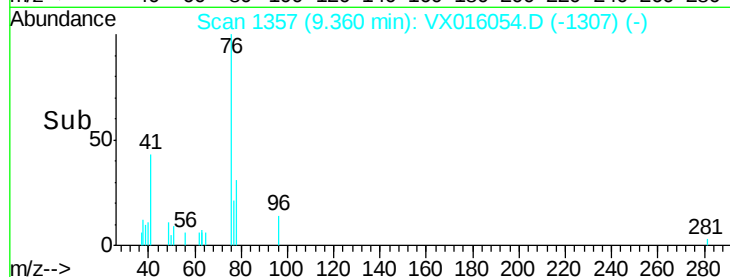
600

400

200

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 1.605 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX016054.D

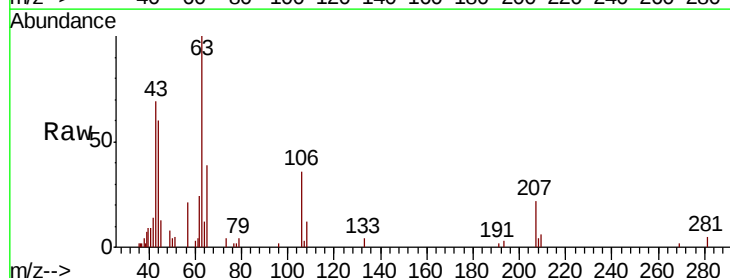
Acq: 05 May 2020 11:33

Tgt Ion: 63 Resp: 5069

Ion Ratio Lower Upper

63 100

106 29.5 23.4 35.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.29

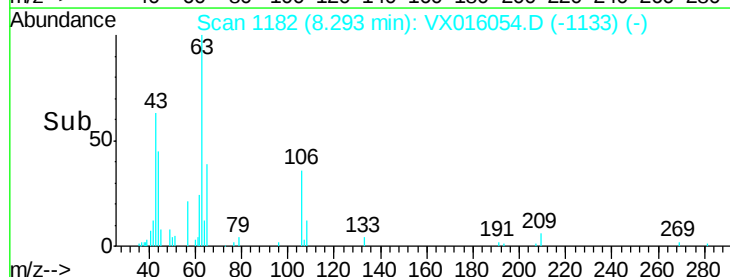
3000

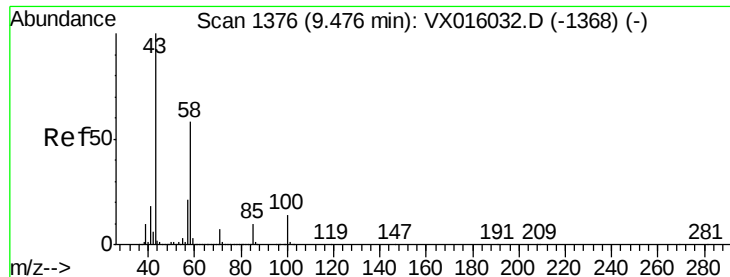
2000

1000

0

Time-->

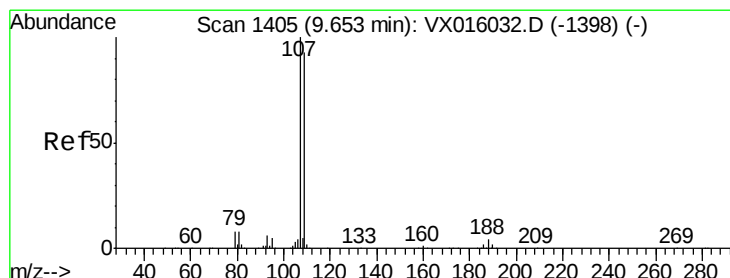
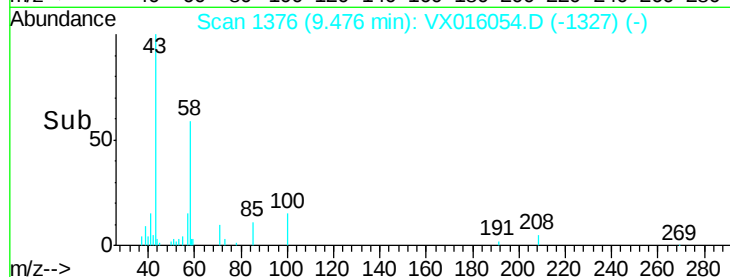
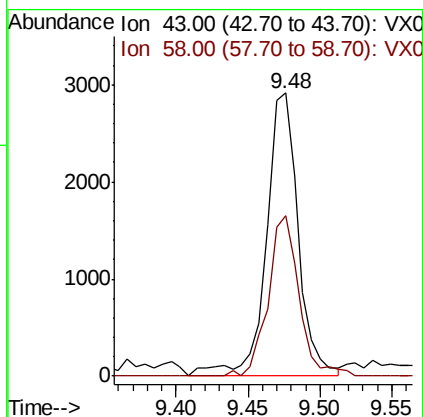
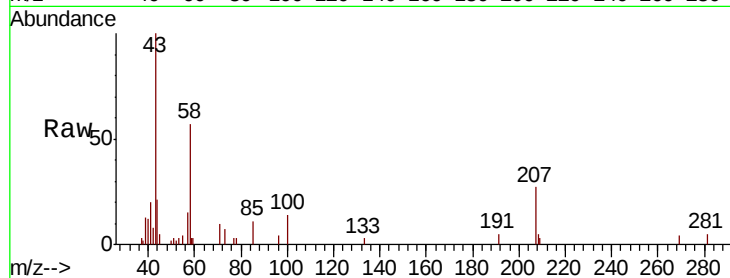




#59
2-Hexanone
Concen: 0.999 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX016054.D
Acq: 05 May 2020 11:33

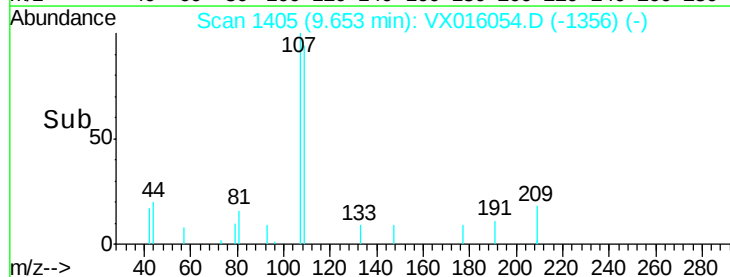
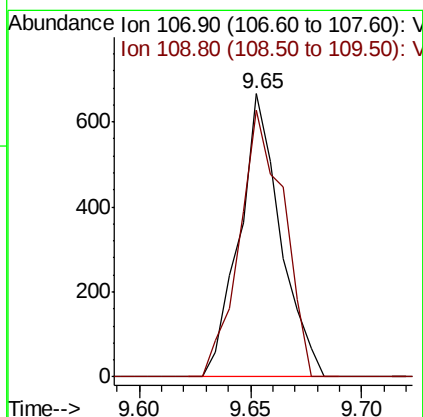
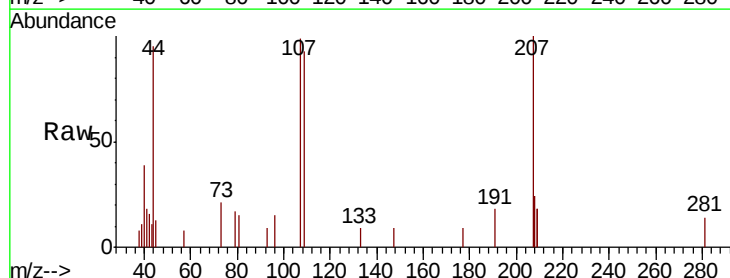
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

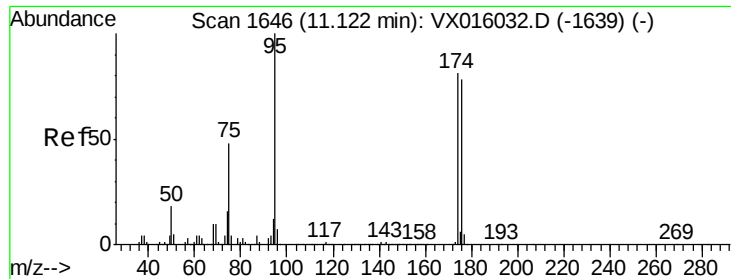
Tot Ion: 43 Resp: 4495
Ion Ratio Lower Upper
43 100
58 54.6 28.6 85.9



#61
1,2-Dibromoethane
Concen: 0.217 ug/l
RT: 9.65 min Scan# 1405
Delta R.T. -0.00 min
Lab File: VX016054.D
Acq: 05 May 2020 11:33

Tgt Ion:107 Resp: 855
Ion Ratio Lower Upper
107 100
109 101.4 74.9 112.3

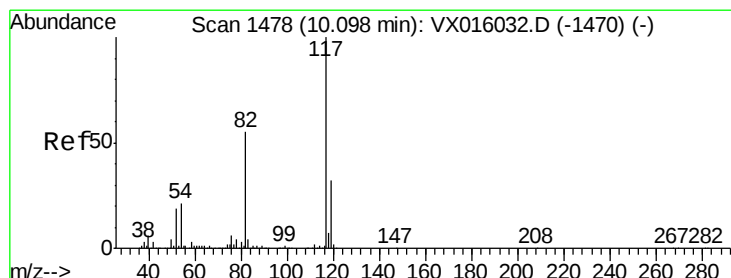
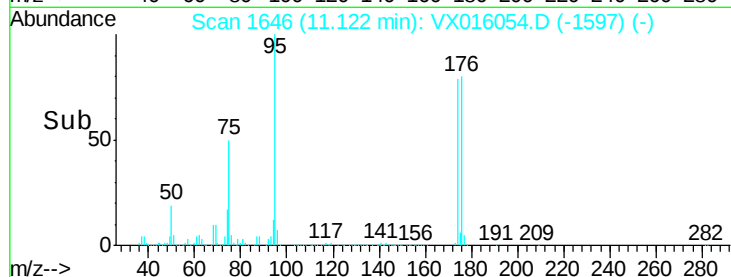
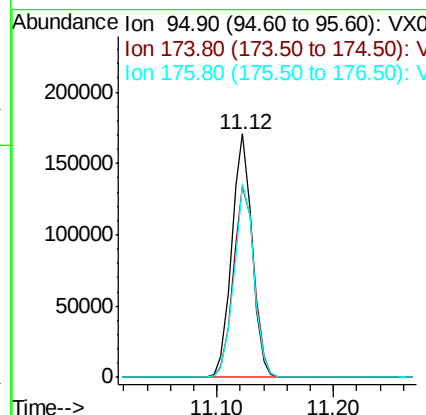
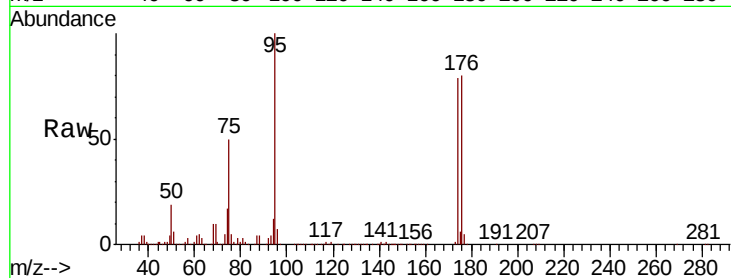




#62
4-Bromofluorobenzene
Concen: 43.088 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX016054.D
Acq: 05 May 2020 11:33

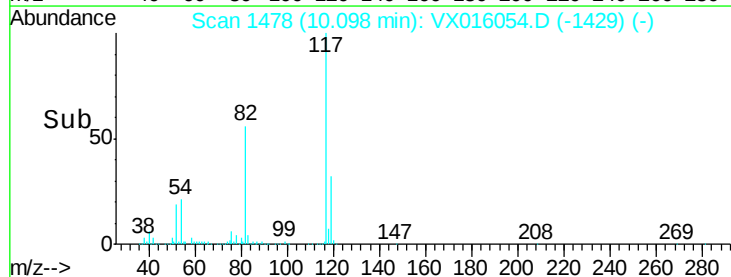
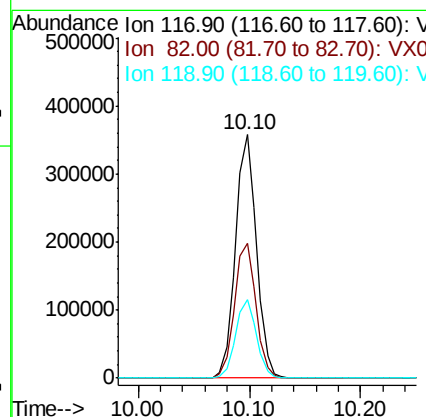
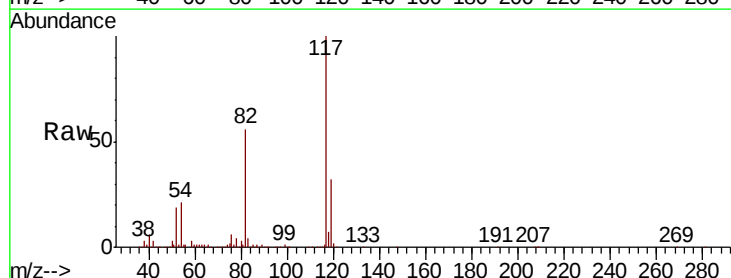
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

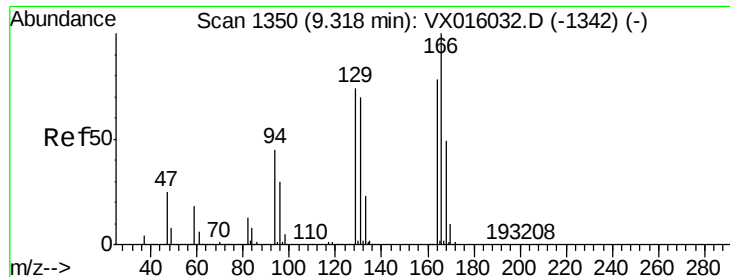
Tot Ion	95	Resp	205846
Ion Ratio	100		
Lower			
Upper			
174	81.8	0.0	159.4
176	78.9	0.0	157.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016054.D
Acq: 05 May 2020 11:33

Tgt Ion	117	Resp	465187
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower			
Upper			
82	55.5	44.4	66.6
119	32.1	25.5	38.3





#64

Tetrachloroethene

Concen: 0.233 ug/l

RT: 9.32 min Scan# 1351

Delta R.T. 0.01 min

Lab File: VX016054.D

Acq: 05 May 2020 11:33

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

Tot Ion:164 Resp: 1332

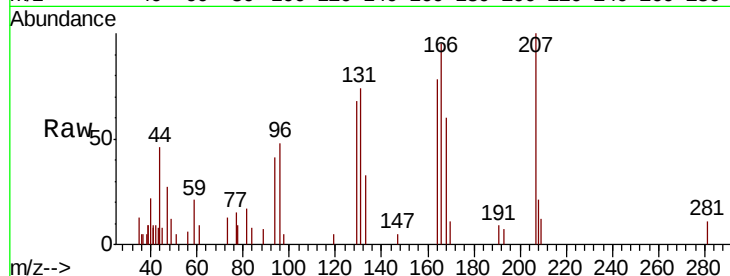
Ion Ratio Lower Upper

164 100

166 121.7 102.9 154.3

129 87.3 76.1 114.1

131 94.2 71.9 107.9

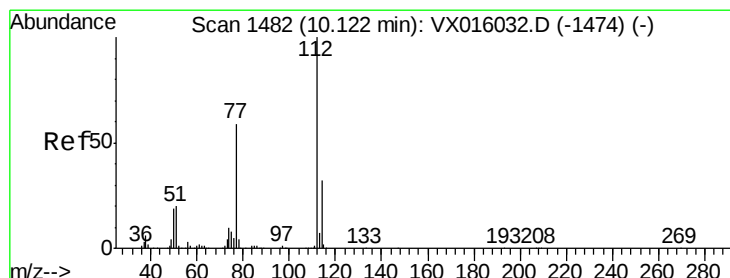
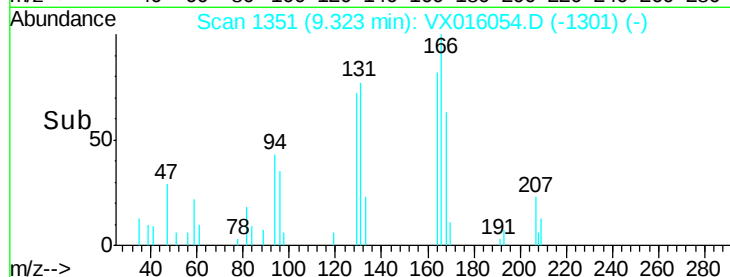
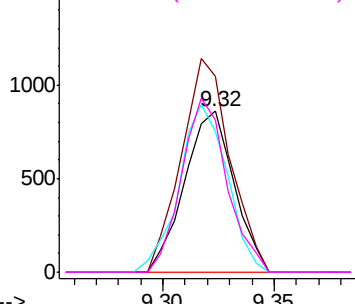


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 0.238 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX016054.D

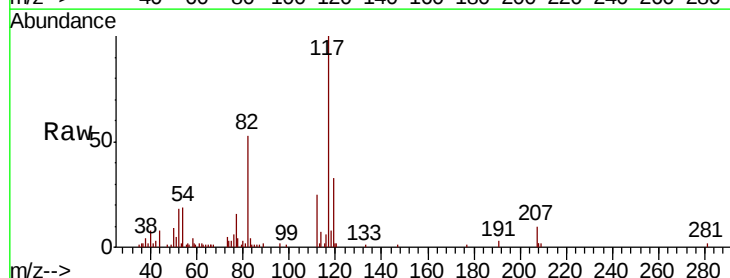
Acq: 05 May 2020 11:33

Tgt Ion:112 Resp: 2315

Ion Ratio Lower Upper

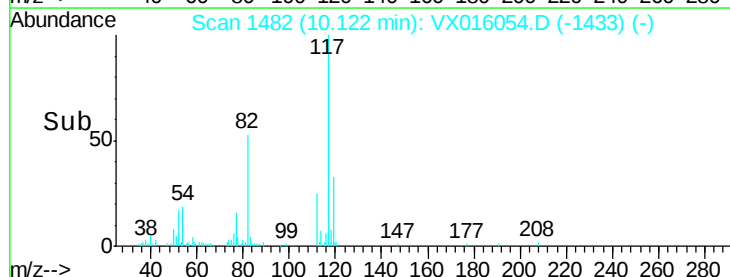
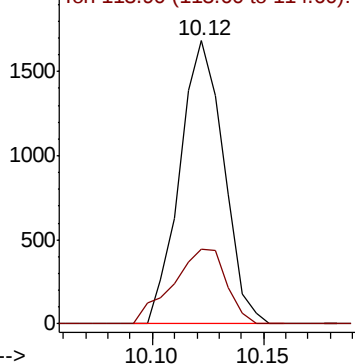
112 100

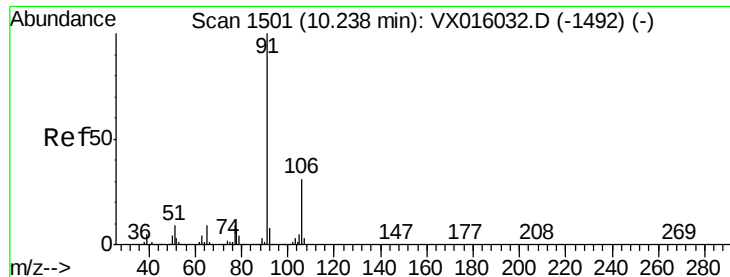
114 26.3 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





#67

Ethyl Benzene

Concen: 0.213 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX016054.D

Acq: 05 May 2020 11:33

Instrument :

MSVOA_X

ClientSampleId :

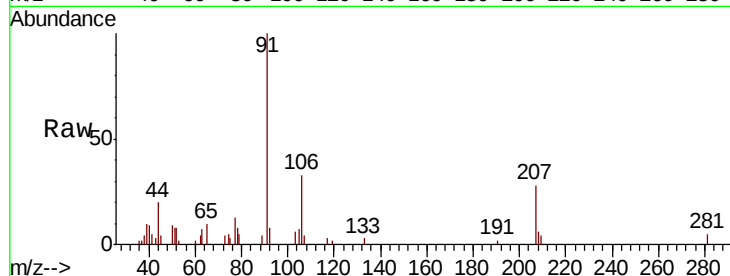
LOD-MDL-WATER-01-QT2-2020

Tot Ion: 91 Resp: 3697

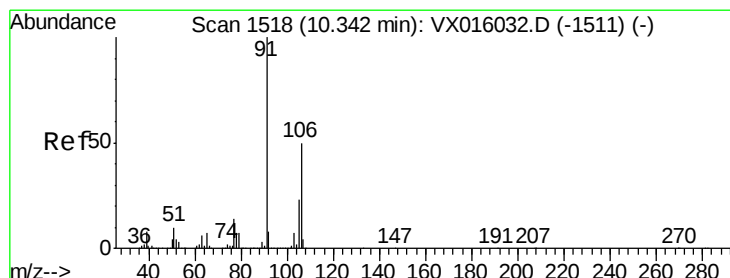
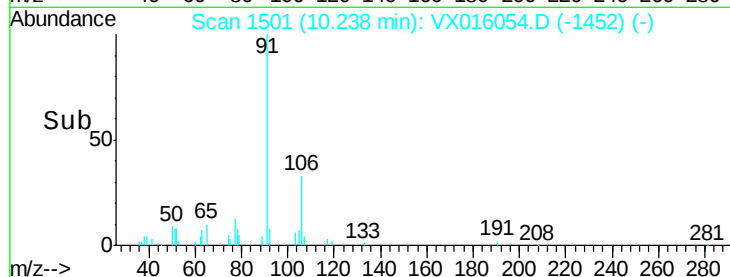
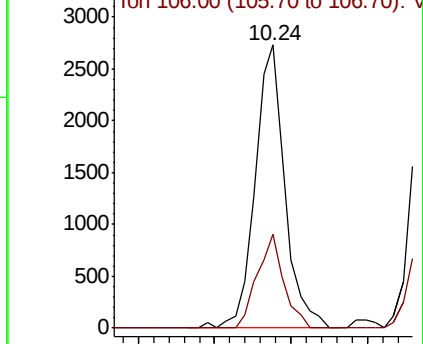
Ion Ratio Lower Upper

91 100

106 33.2 25.1 37.7



Abundance Ion 91.00 (90.70 to 91.70): VX016032.D (-1492) (-)



#68

m/p-Xylenes

Concen: 0.425 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX016054.D

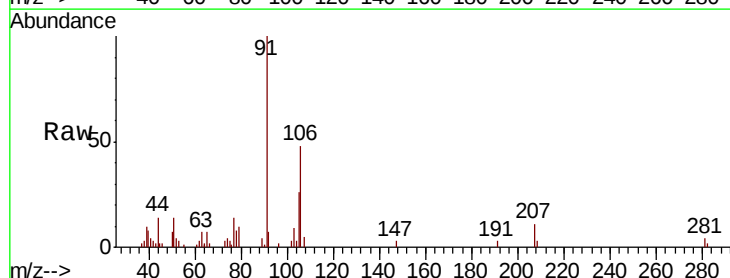
Acq: 05 May 2020 11:33

Tgt Ion: 106 Resp: 2766

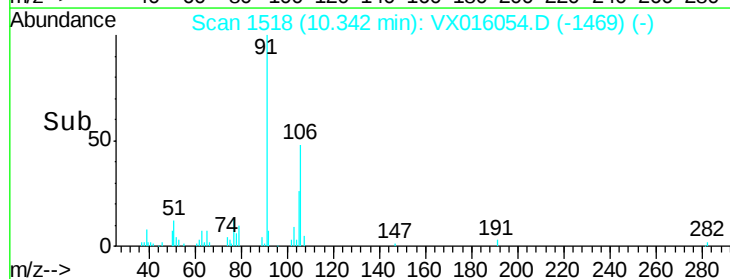
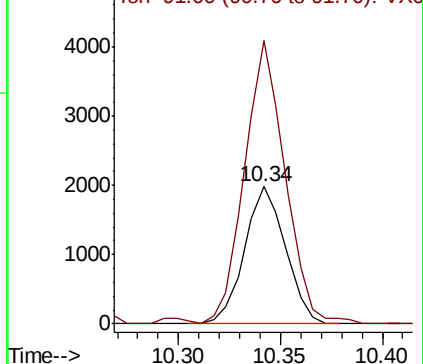
Ion Ratio Lower Upper

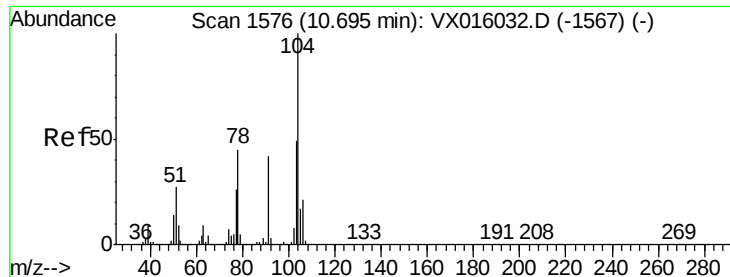
106 100

91 204.4 161.7 242.5



Abundance Ion 106.00 (105.70 to 106.70): VX016032.D (-1511) (-)





#70

Stvrene

Concen: 0.225 ug/l

RT: 10.70 min Scan# 1576

Delta R.T. -0.00 min

Lab File: VX016054.D

Acq: 05 May 2020 11:33

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

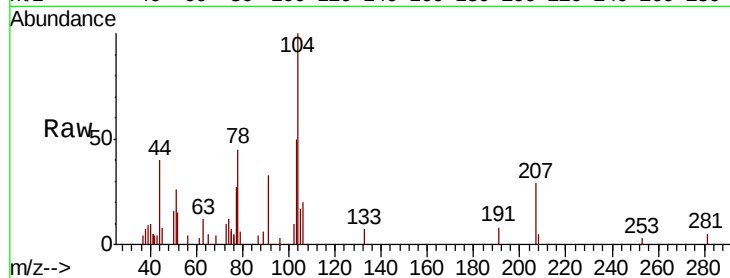
Tot Ion:104 Resp: 2385

Ion Ratio Lower Upper

104 100

78 56.2 40.2 60.2

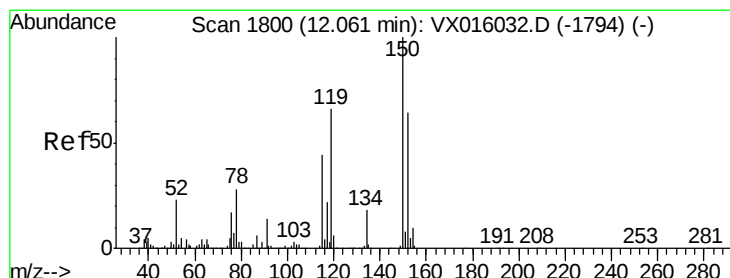
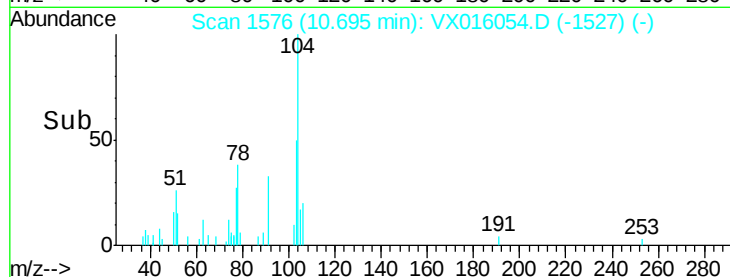
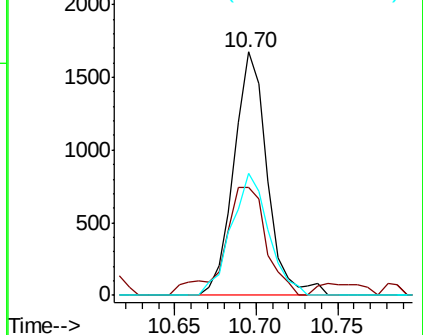
103 56.1 43.0 64.6



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016054.D

Acq: 05 May 2020 11:33

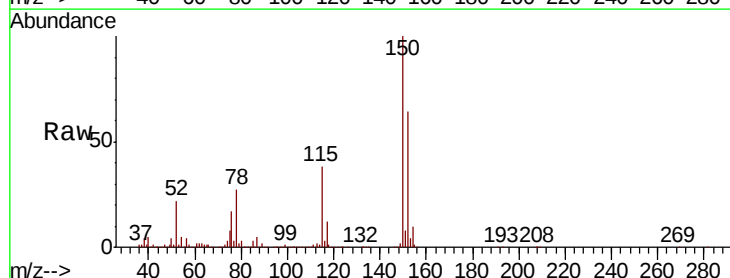
Tgt Ion:152 Resp: 228708

Ion Ratio Lower Upper

152 100

115 58.4 41.3 124.1

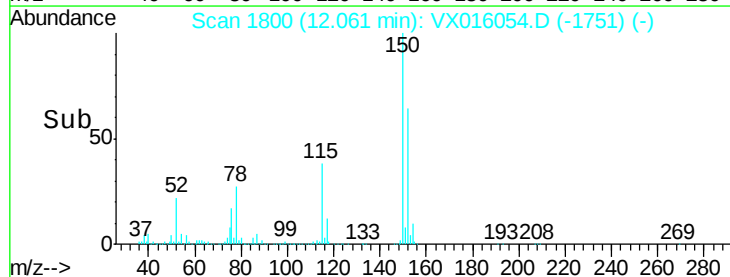
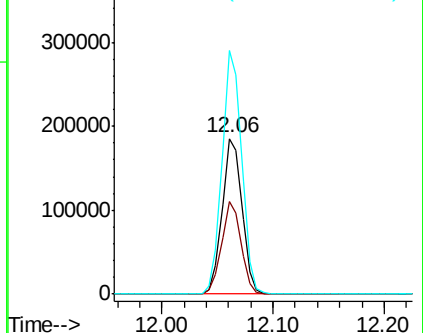
150 155.2 0.0 352.2

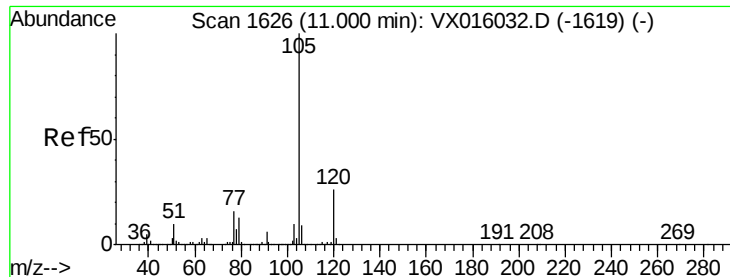


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 0.217 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016054.D

Acq: 05 May 2020 11:33

Instrument:

MSVOA_X

ClientSampleId:

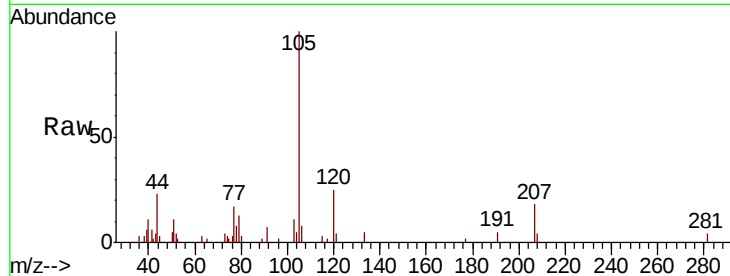
LOD-MDL-WATER-01-QT2-2020

Tot Ion: 105 Resp: 3604

Ion Ratio Lower Upper

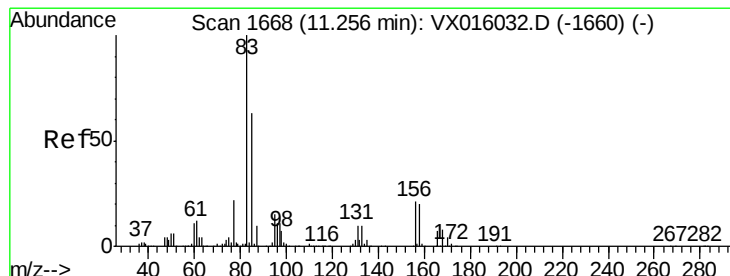
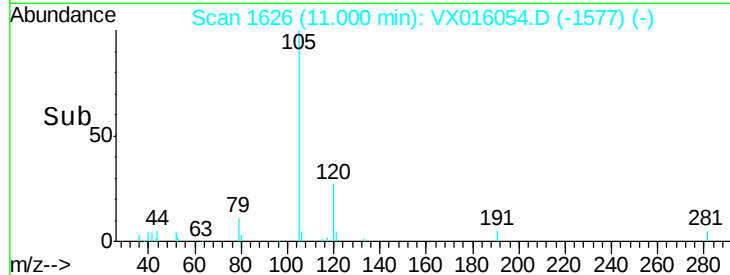
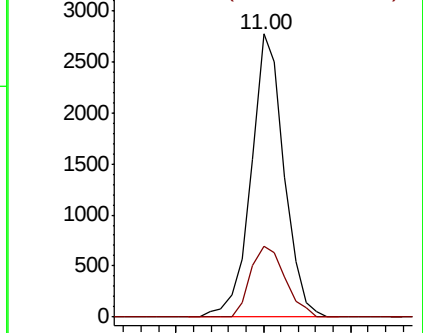
105 100

120 26.6 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#75

1,1,2,2-Tetrachloroethane

Concen: 4.915 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. 0.00 min

Lab File: VX016054.D

Acq: 05 May 2020 11:33

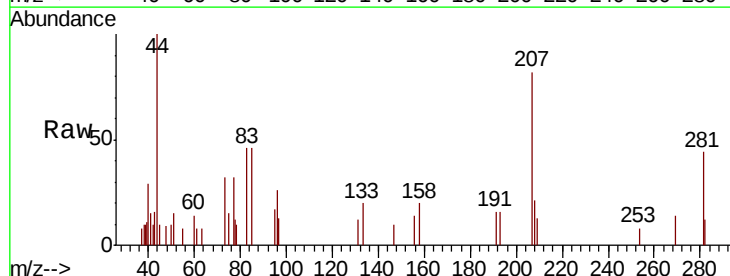
Tgt Ion: 83 Resp: 414

Ion Ratio Lower Upper

83 100

131 12.3 5.1 15.4

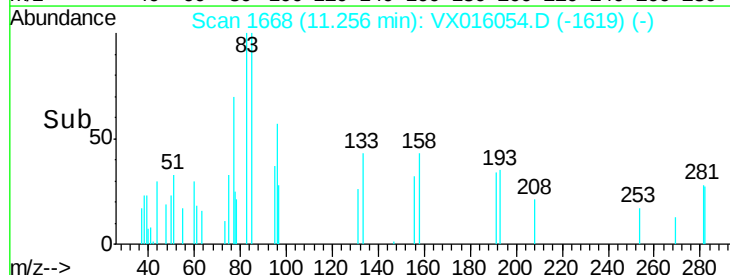
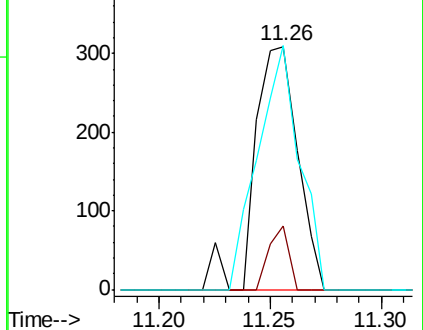
85 97.6 32.0 96.0#

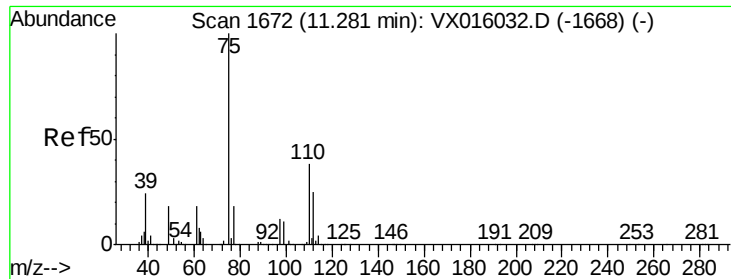


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0





#76

1,2,3-Trichloropropane

Concen: 20.064 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX016054.D

Acq: 05 May 2020 11:33

Instrument :

MSVOA_X

ClientSampleId :

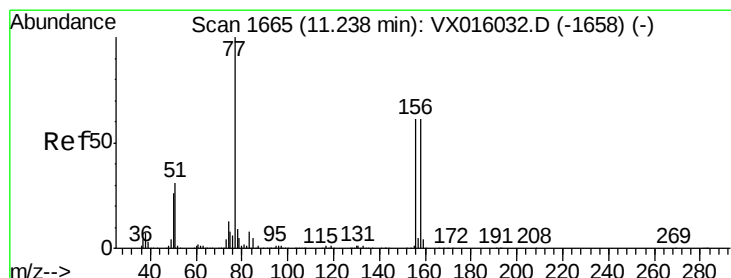
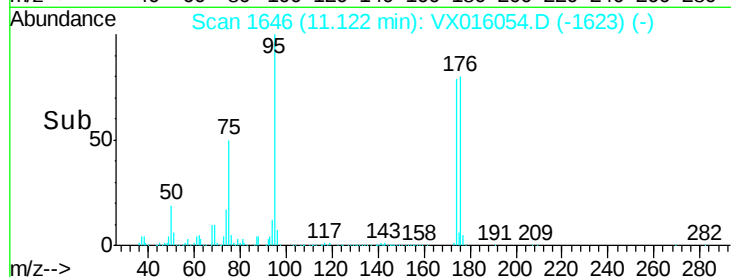
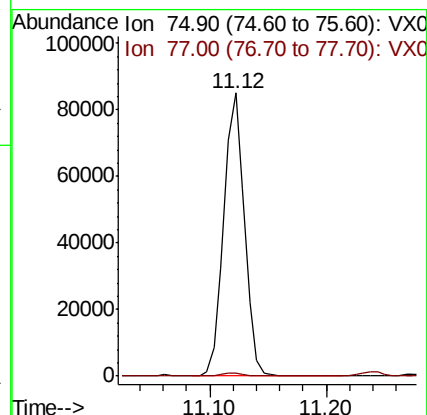
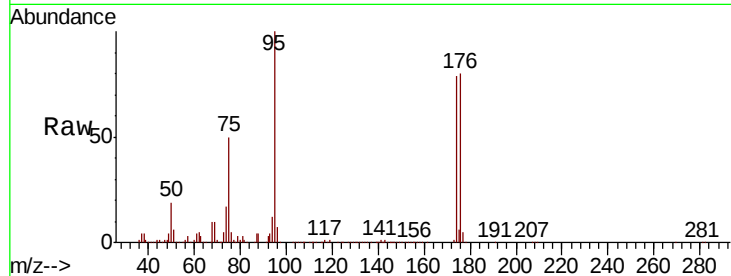
LOD-MDL-WATER-01-QT2-2020

Tot Ion: 75 Resp: 104130

Ion Ratio Lower Upper

75 100

77 1.3 21.2 63.6#



#77

Bromobenzene

Concen: 0.232 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016054.D

Acq: 05 May 2020 11:33

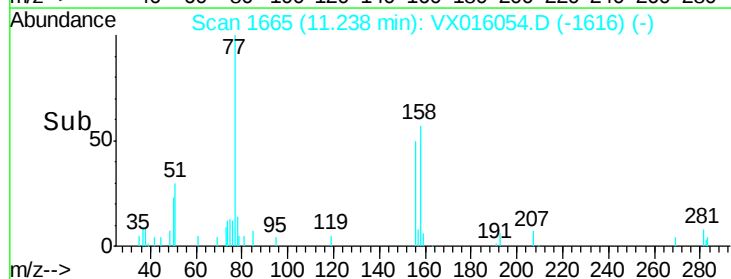
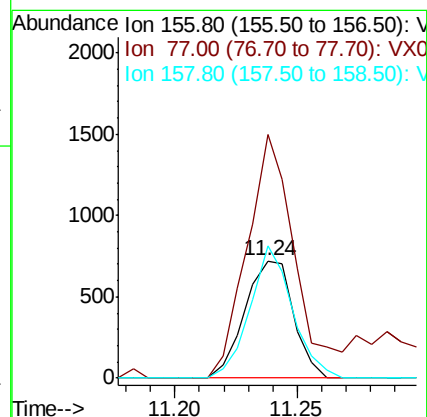
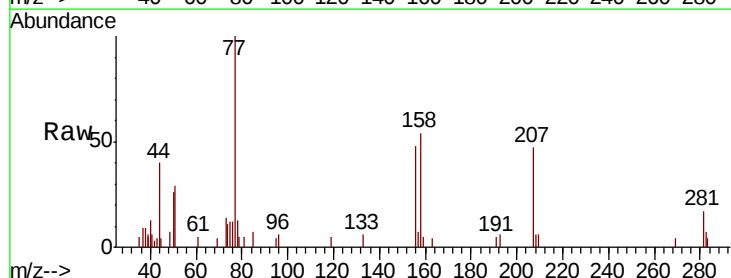
Tgt Ion: 156 Resp: 998

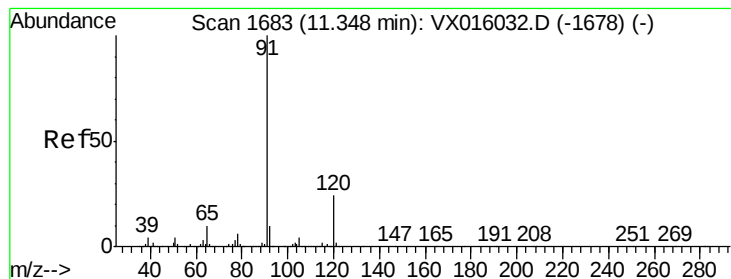
Ion Ratio Lower Upper

156 100

77 205.1 80.1 240.3

158 98.5 49.4 148.2





#78

n-propylbenzene

Concen: 0.226 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VX016054.D

Acq: 05 May 2020 11:33

Instrument :

MSVOA_X

ClientSampleId :

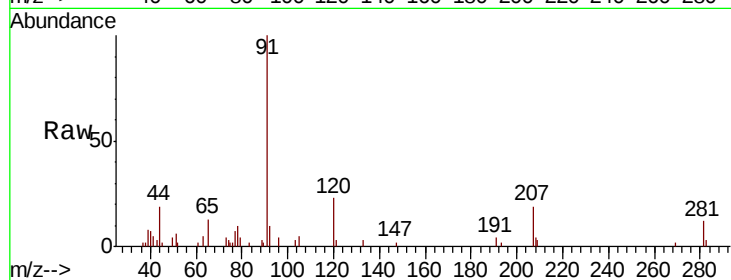
LOD-MDL-WATER-01-QT2-2020

Tot Ion: 91 Resp: 4366

Ion Ratio Lower Upper

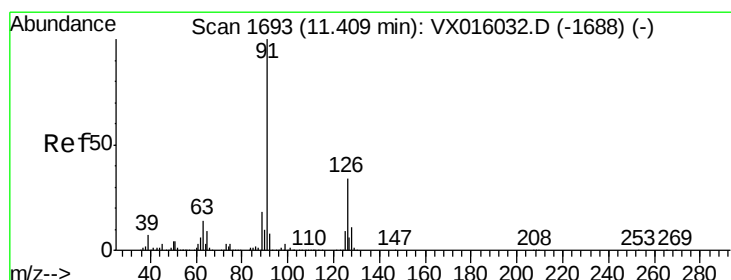
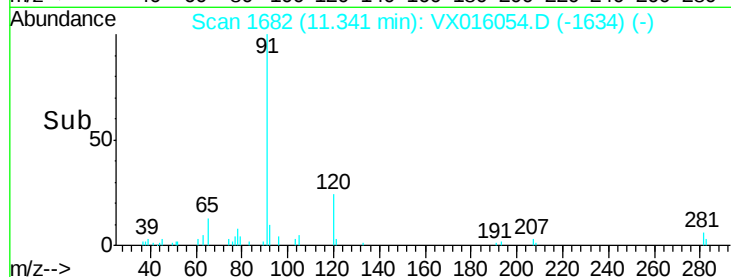
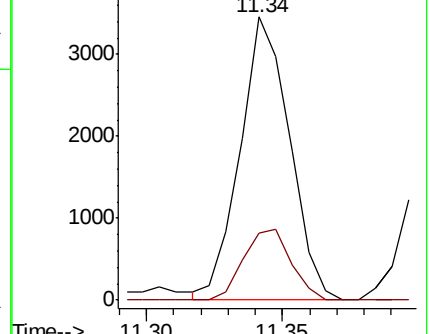
91 100

120 23.8 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 0.222 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.01 min

Lab File: VX016054.D

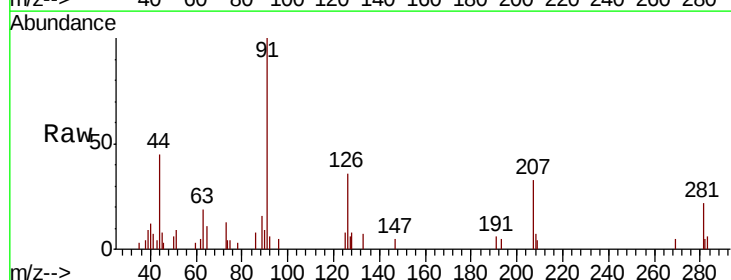
Acq: 05 May 2020 11:33

Tgt Ion: 91 Resp: 2536

Ion Ratio Lower Upper

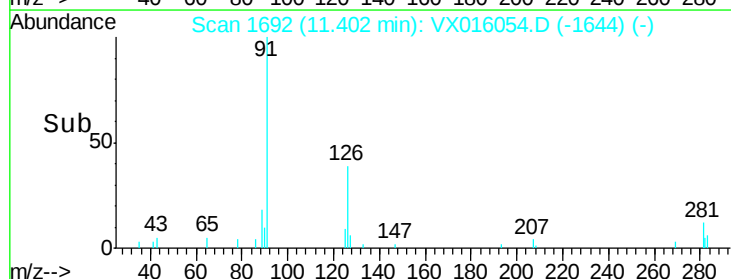
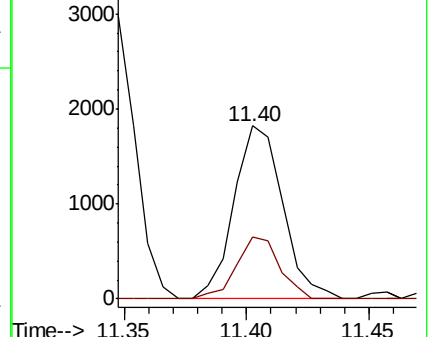
91 100

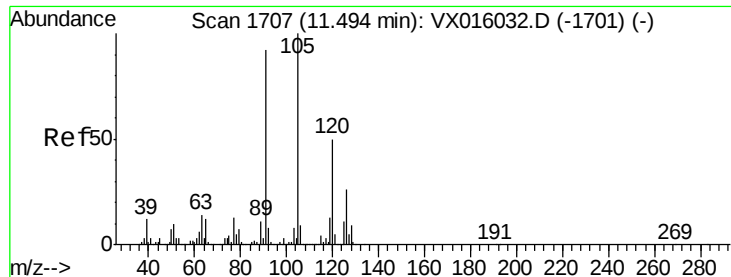
126 31.8 16.9 50.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

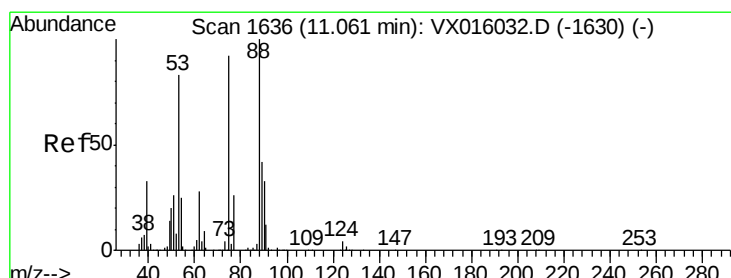
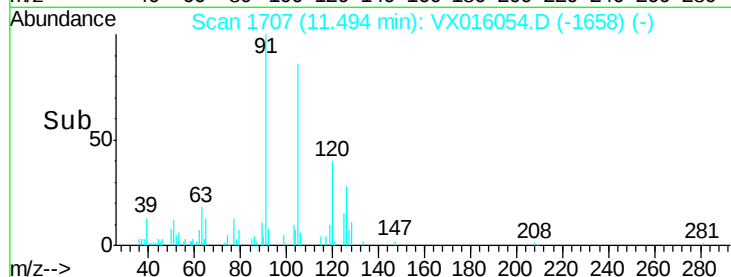
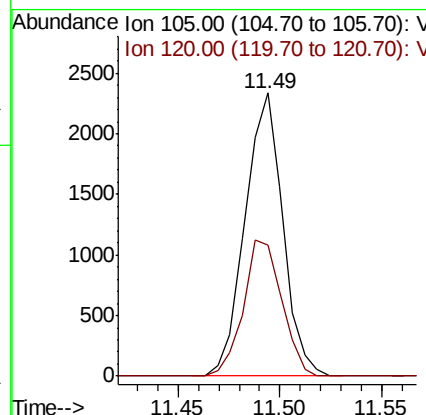
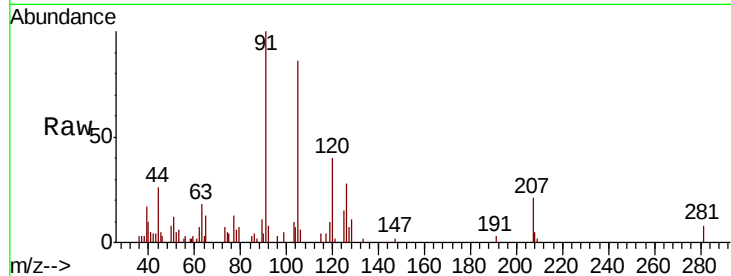




#80
 1,3,5-Trimethylbenzene
 Concen: 0.213 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: VX016054.D
 Acq: 05 May 2020 11:33

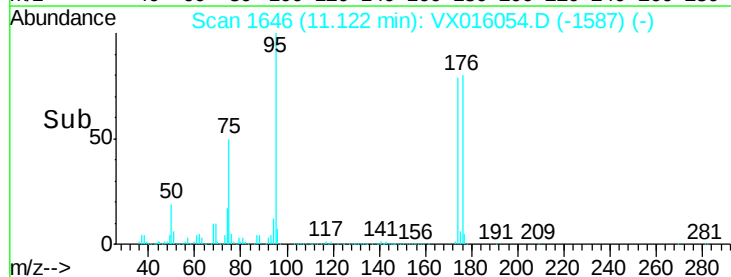
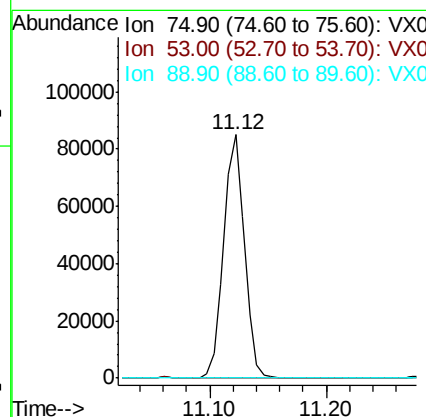
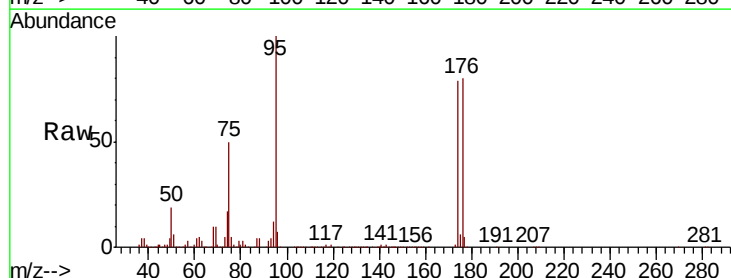
Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2020

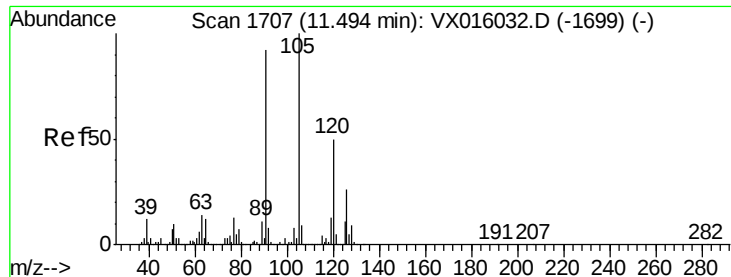
Tot Ion: 105 Resp: 2990
 Ion Ratio Lower Upper
 105 100
 120 49.0 24.6 74.0



#81
 trans-1,4-Dichloro-2-butene
 Concen: 47.814 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. 0.06 min
 Lab File: VX016054.D
 Acq: 05 May 2020 11:33

Tgt Ion: 75 Resp: 104130
 Ion Ratio Lower Upper
 75 100
 53 0.1 73.1 109.7#
 89 0.0 36.7 55.1#

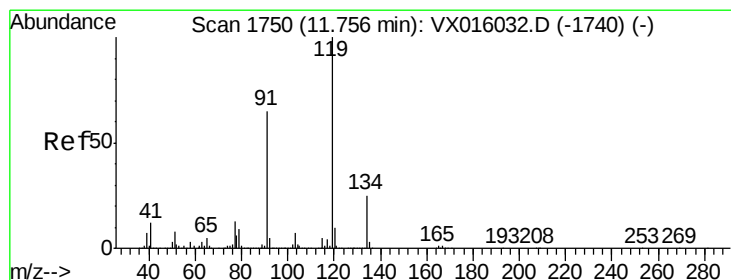
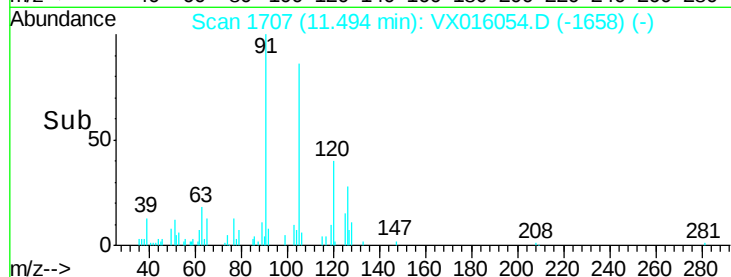
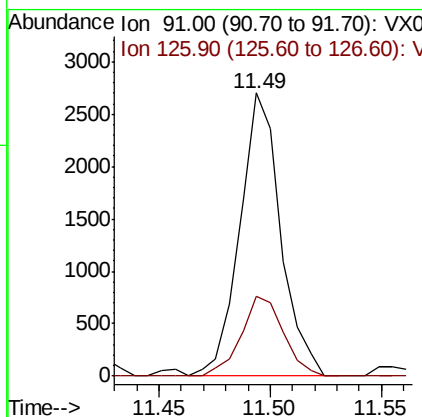
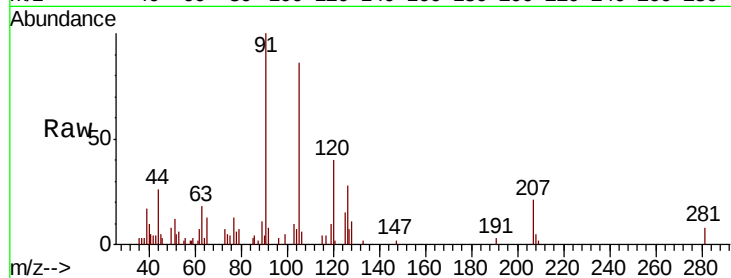




#82
4-Chlorotoluene
Concen: 0.256 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX016054.D
Acq: 05 May 2020 11:33

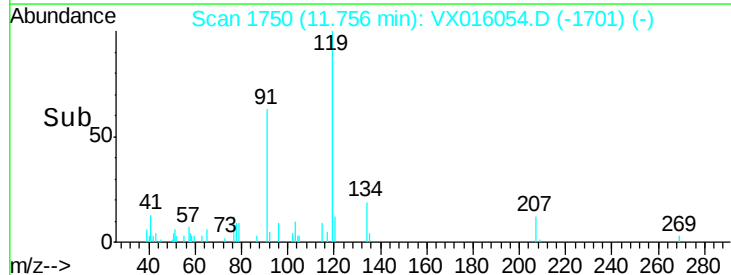
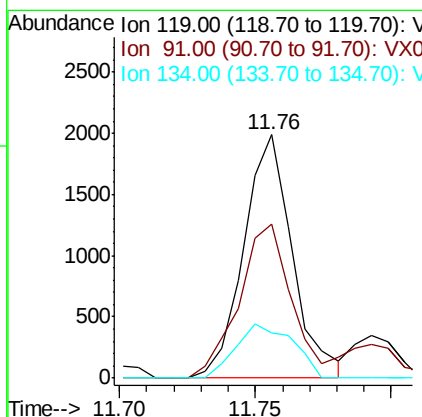
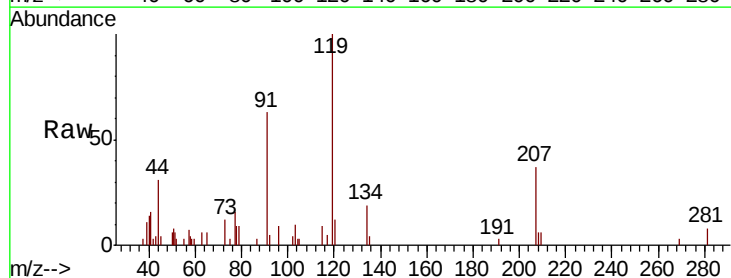
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

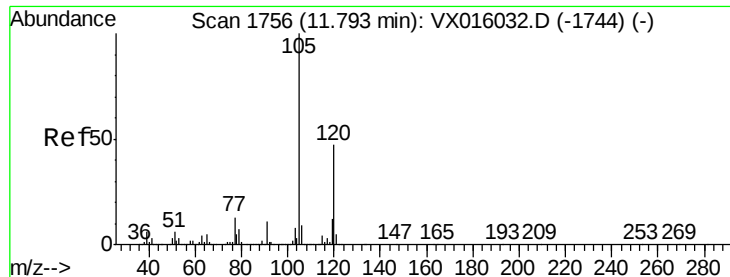
Tot Ion: 91 Resp: 3452
Ion Ratio Lower Upper
91 100
126 29.3 14.8 44.3



#83
tert-Butylbenzene
Concen: 0.204 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX016054.D
Acq: 05 May 2020 11:33

Tgt Ion: 119 Resp: 2464
Ion Ratio Lower Upper
119 100
91 67.5 32.8 98.4
134 26.0 12.4 37.0





#84

1,2,4-Trimethylbenzene

Concen: 0.205 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX016054.D

Acq: 05 May 2020 11:33

Instrument :

MSVOA_X

ClientSampleId :

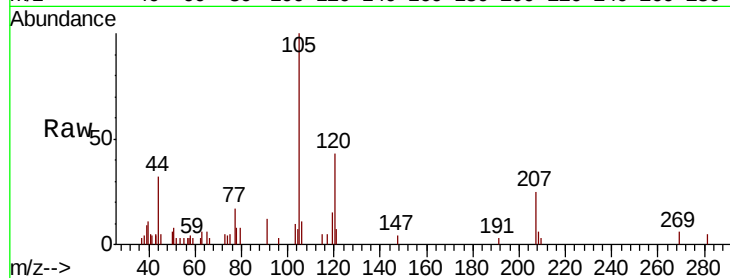
LOD-MDL-WATER-01-QT2-2020

Tot Ion:105 Resp: 2918

Ion Ratio Lower Upper

105 100

120 45.2 23.0 69.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.79

2500

2000

1500

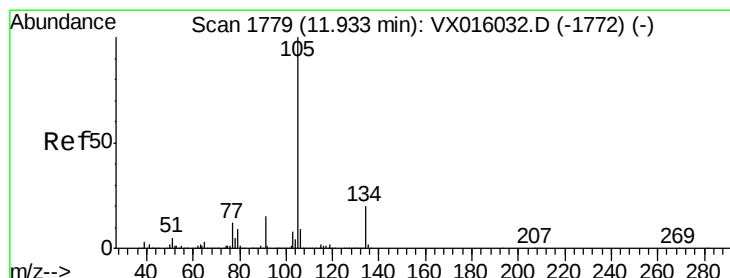
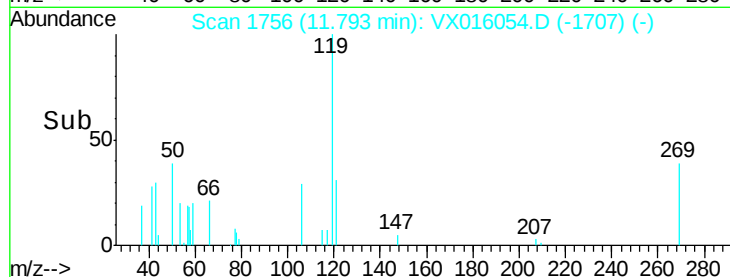
1000

500

0

11.75 11.80 11.85

Time-->



#85

sec-Butylbenzene

Concen: 0.219 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016054.D

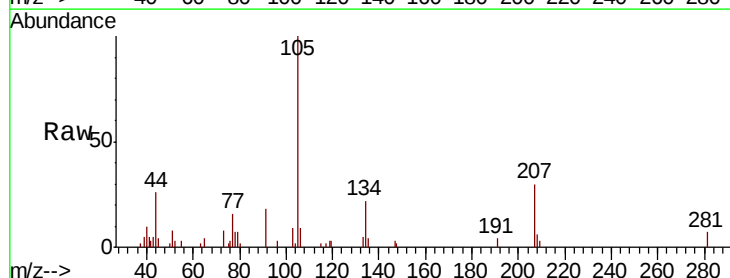
Acq: 05 May 2020 11:33

Tgt Ion:105 Resp: 3585

Ion Ratio Lower Upper

105 100

134 20.9 10.1 30.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.93

3000

2500

2000

1500

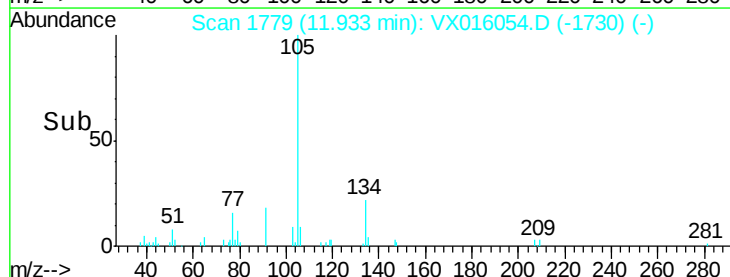
1000

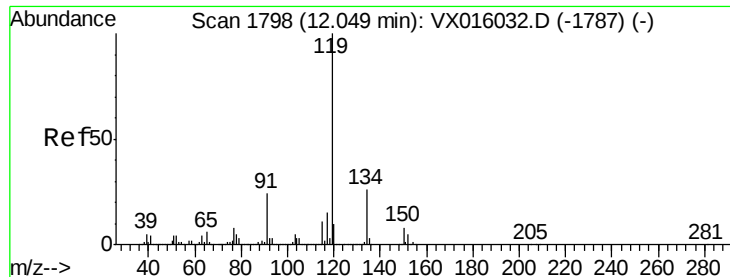
500

0

11.90 11.95

Time-->

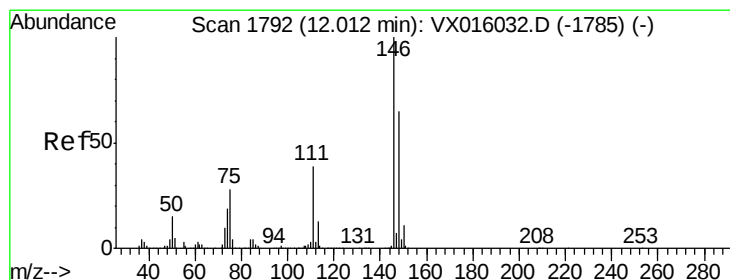
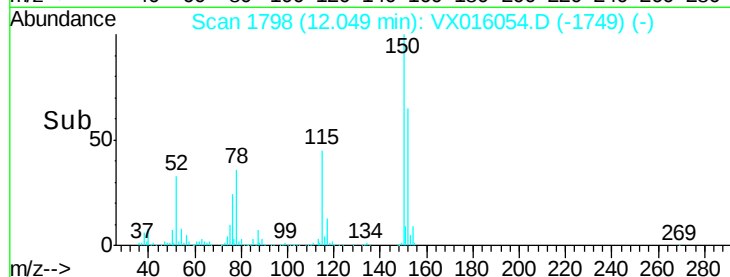
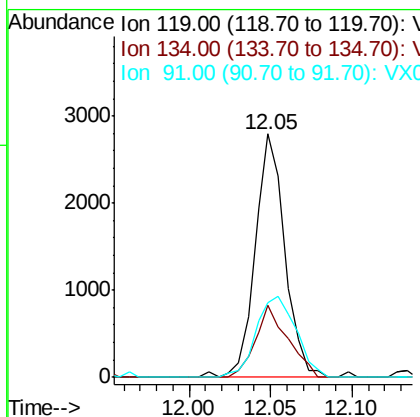
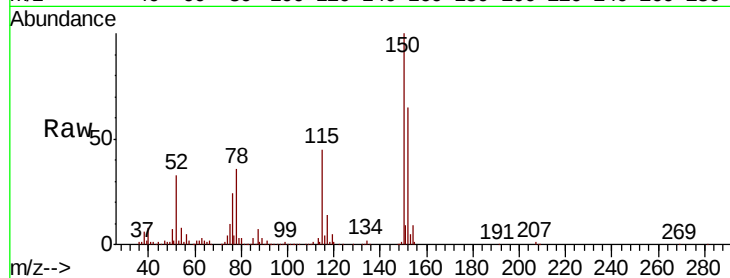




#86
 p-Isopropyltoluene
 Concen: 0.232 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX016054.D
 Acq: 05 May 2020 11:33

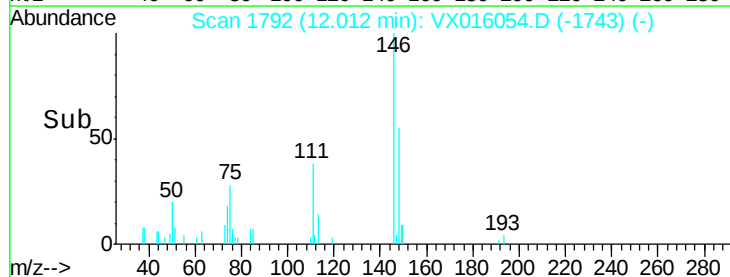
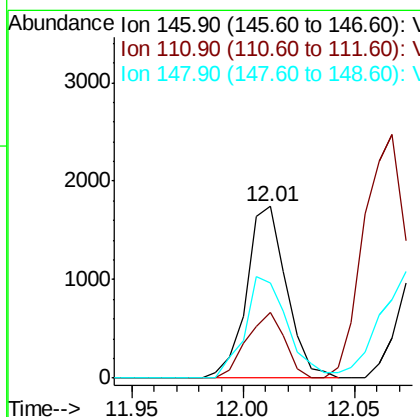
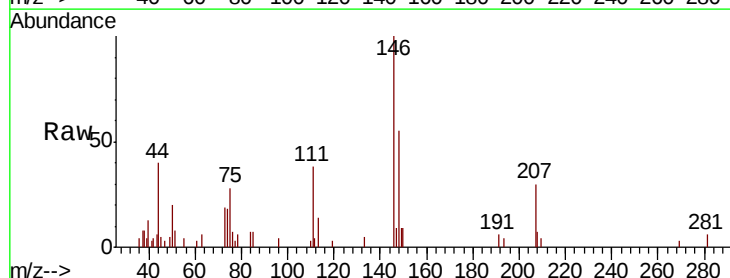
Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2020

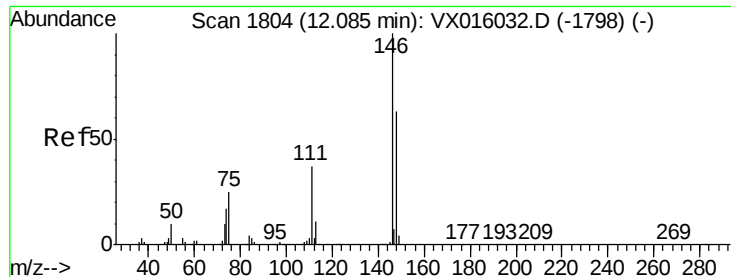
Tot Ion	Ratio	Lower	Upper
119	100		
134	32.2	13.1	39.3
91	44.8	11.8	35.4



#87
 1,3-Dichlorobenzene
 Concen: 0.283 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX016054.D
 Acq: 05 May 2020 11:33

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.3	20.2	60.6
148	63.4	32.1	96.3





#88

1,4-Dichlorobenzene

Concen: 0.279 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.07 min

Lab File: VX016054.D

Acq: 05 May 2020 11:33

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

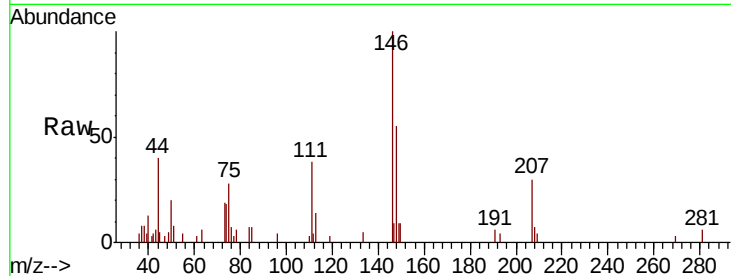
Tot Ion:146 Resp: 2184

Ion Ratio Lower Upper

146 100

111 36.3 19.6 58.7

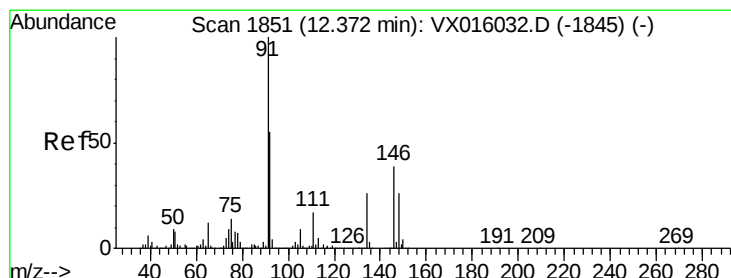
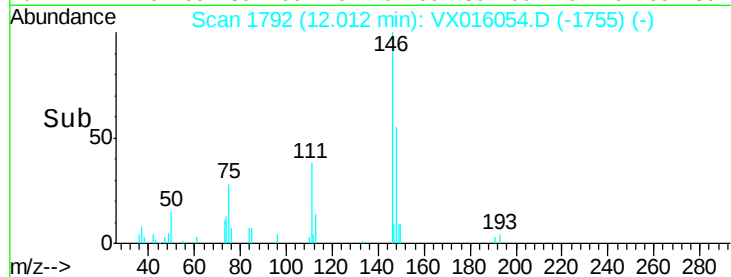
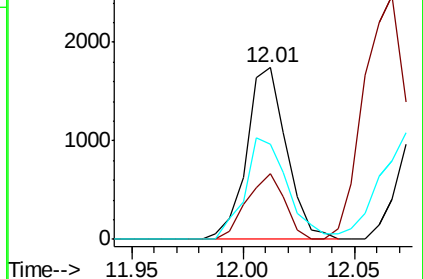
148 63.4 31.8 95.3



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: 0.276 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX016054.D

Acq: 05 May 2020 11:33

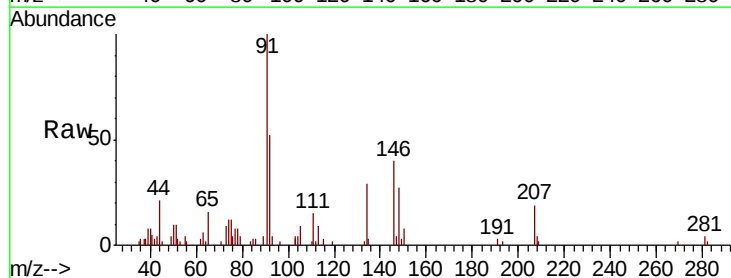
Tgt Ion: 91 Resp: 3830

Ion Ratio Lower Upper

91 100

92 49.2 27.6 82.7

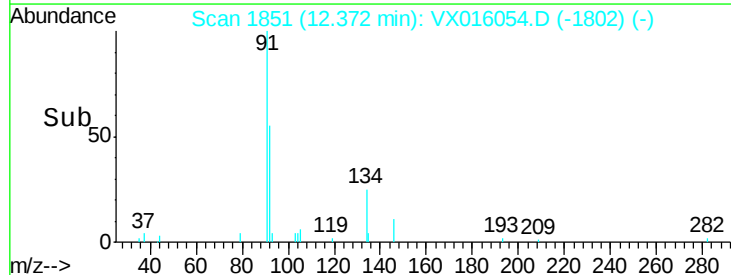
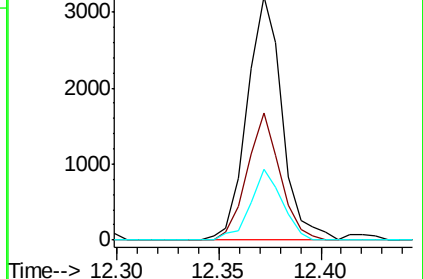
134 26.4 13.4 40.1

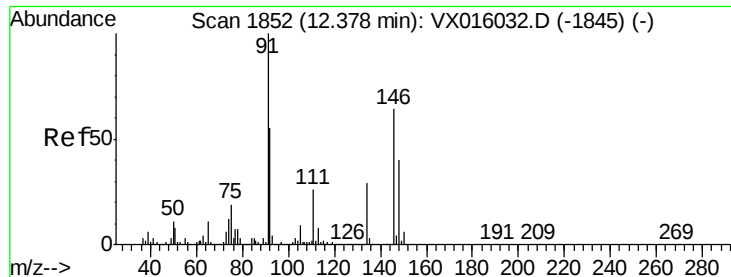


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V

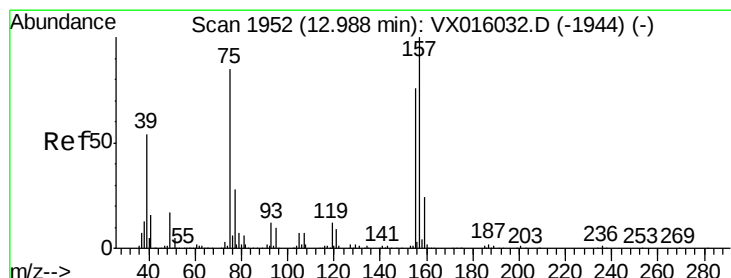
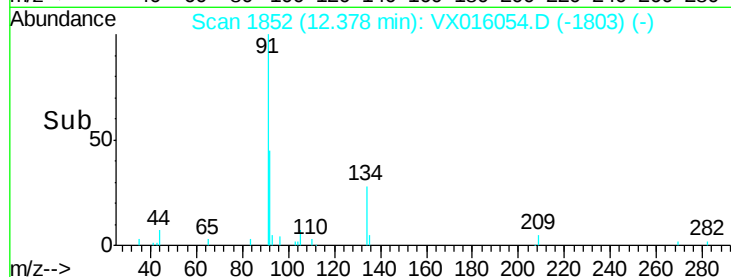
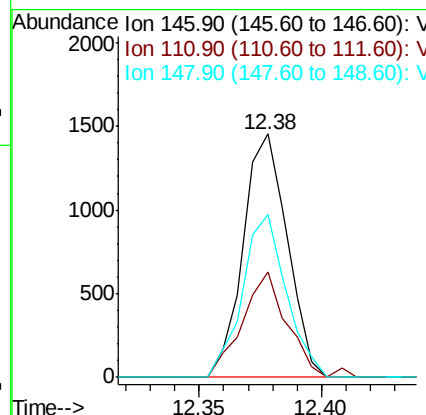
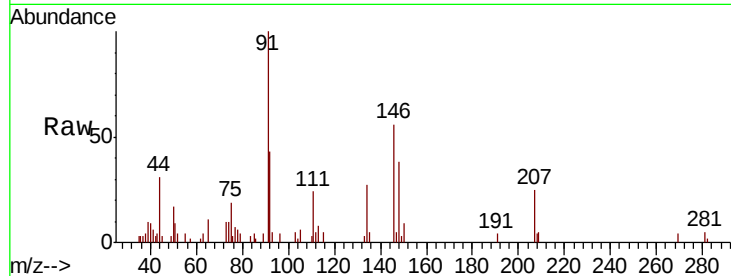




#91
 1,2-Dichlorobenzene
 Concen: 0.246 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX016054.D
 Acq: 05 May 2020 11:33

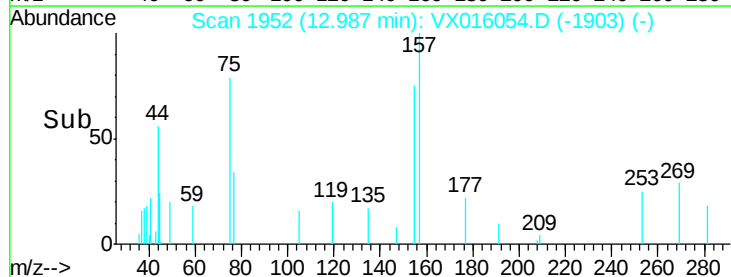
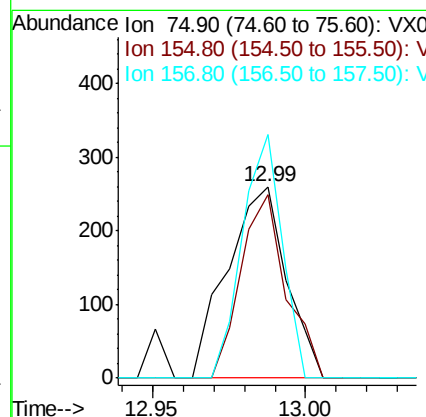
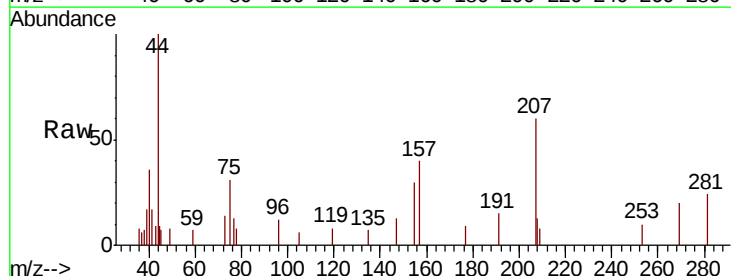
Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2020

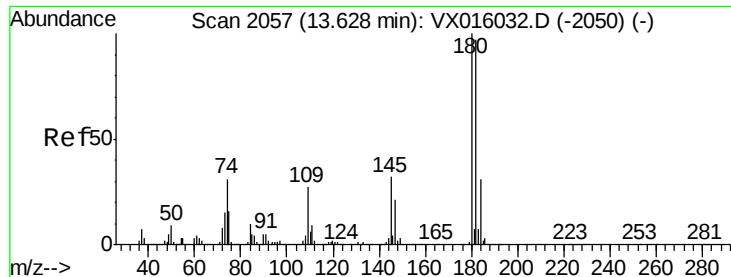
Tot Ion:146 Resp: 1828
 Ion Ratio Lower Upper
 146 100
 111 44.3 21.1 63.1
 148 66.6 32.4 97.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.254 ug/l
 RT: 12.99 min Scan# 1952
 Delta R.T. -0.00 min
 Lab File: VX016054.D
 Acq: 05 May 2020 11:33

Tgt Ion: 75 Resp: 347
 Ion Ratio Lower Upper
 75 100
 155 73.8 42.5 127.5
 157 85.6 55.3 165.8

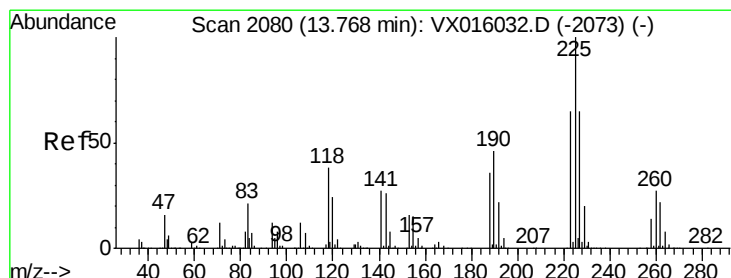
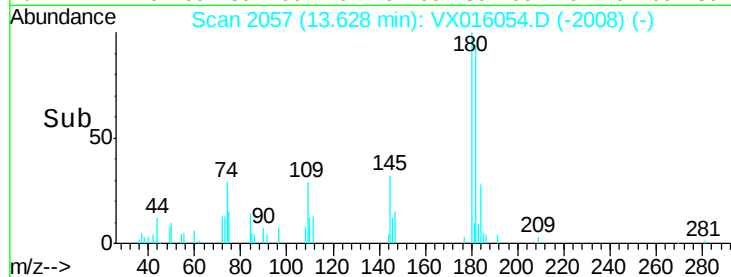
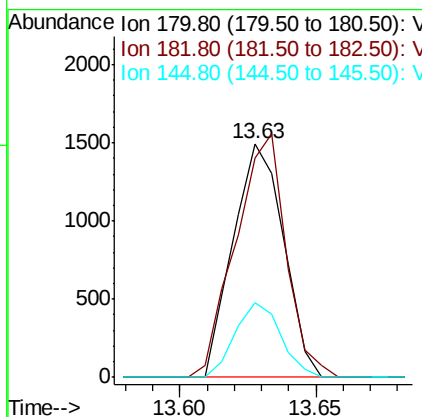
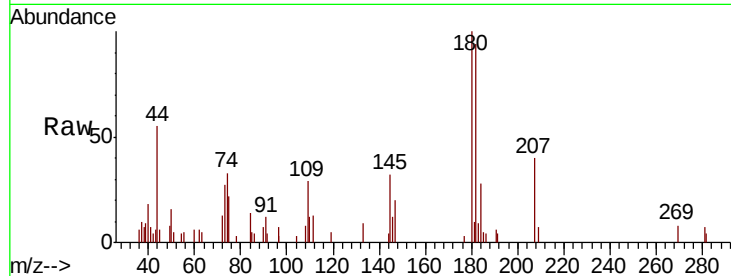




#93
 1,2,4-Trichlorobenzene
 Concen: 0.350 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016054.D
 Acq: 05 May 2020 11:33

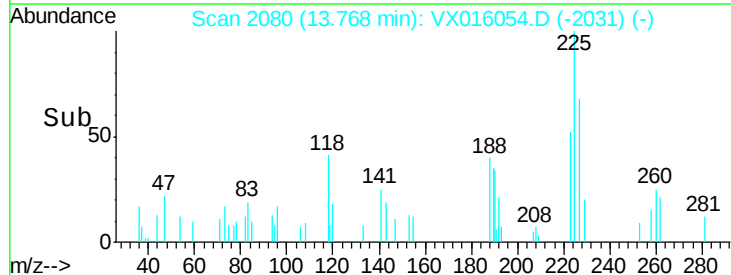
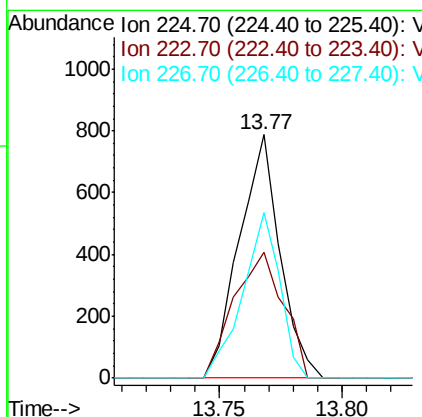
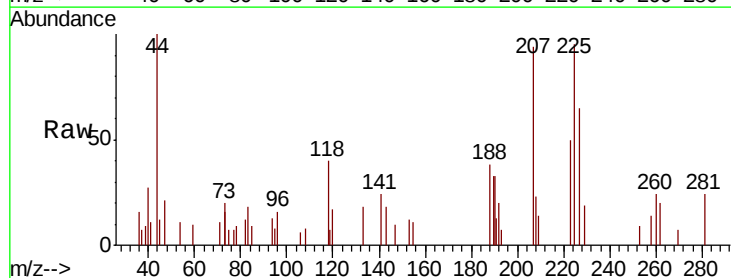
Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2020

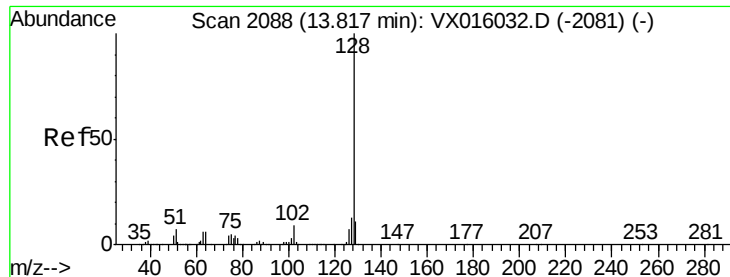
Tot Ion:180 Resp: 1923
 Ion Ratio Lower Upper
 180 100
 182 103.8 48.7 146.1
 145 29.0 15.7 47.1



#94
 Hexachlorobutadiene
 Concen: 0.906 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX016054.D
 Acq: 05 May 2020 11:33

Tgt Ion:225 Resp: 914
 Ion Ratio Lower Upper
 225 100
 223 62.8 32.3 96.9
 227 61.8 31.8 95.4





#95

Naphthalene

Concen: 0.316 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016054.D

Acq: 05 May 2020 11:33

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

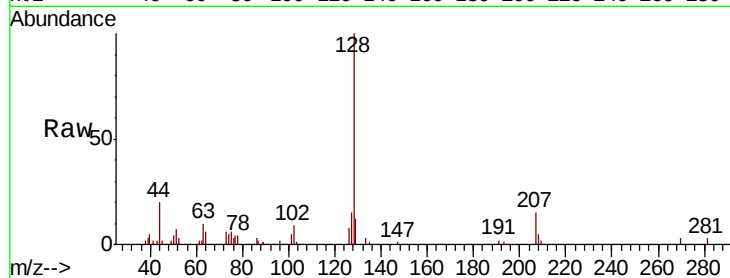
Tot Ion:128 Resp: 5631

Ion Ratio Lower Upper

128 100

127 14.4 10.2 15.4

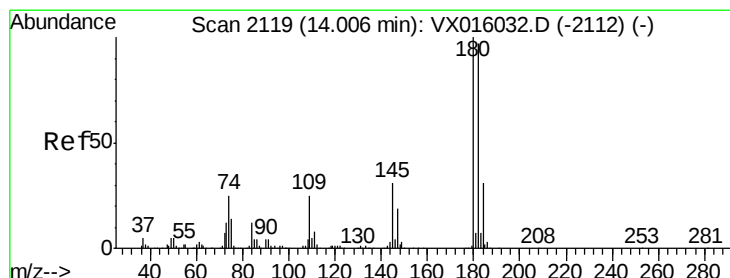
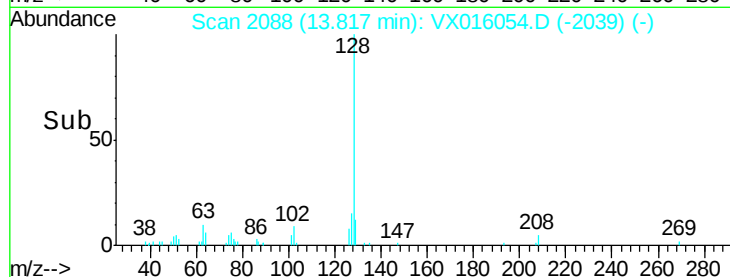
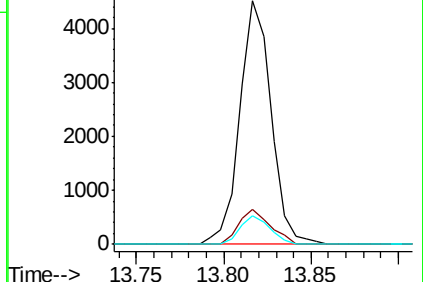
129 10.9 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 0.362 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VX016054.D

Acq: 05 May 2020 11:33

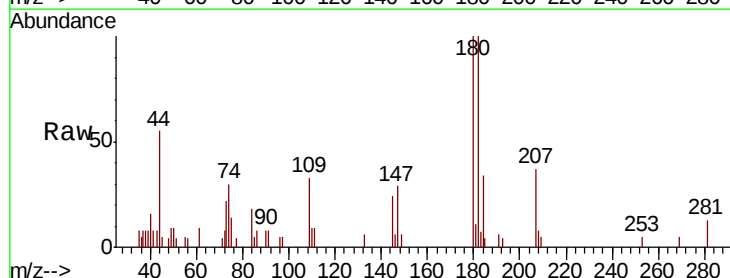
Tgt Ion:180 Resp: 1945

Ion Ratio Lower Upper

180 100

182 92.1 48.4 145.0

145 32.4 16.4 49.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

