

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071919\
 Data File : VX010984.D
 Acq On : 19 Jul 2019 01:51
 Operator : JC/SP
 Sample : 2.5PPB LOD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 41 Sample Multiplier: 1

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

Quant Time: Jul 19 03:39:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X071919W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jul 19 03:27:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.02	128	36678	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	195376	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	170667	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.06	65	73162	29.42	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	98.07%
60) 4-Bromofluorobenzene	11.13	95	78970	28.11	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	93.70%
63) Toluene-d8	8.71	98	229623	30.61	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	102.03%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	4465	1.841 ug/l	92
3) Chloromethane	1.33	50	5434	2.548 ug/l	95
4) Vinyl Chloride	1.40	62	5231	2.352 ug/l	92
5) Bromomethane	1.64	94	4548	3.716 ug/l	92
6) Chloroethane	1.73	64	3741	2.844 ug/l	97
7) Trichlorofluoromethane	1.93	101	8396	2.274 ug/l	94
8) Diethyl Ether	2.19	74	3469	2.860 ug/l	89
9) 1,1,2-Trichlorotrifluoroet	2.39	101	4989	2.444 ug/l	96
10) 1,1-Dichloroethene	2.37	96	4758	2.320 ug/l	96
11) Methyl Iodide	2.51	142	4792	1.740 ug/l	87
12) Methyl Acetate	2.78	43	7532	2.614 ug/l	95
13) Acrolein	2.29	56	3977	11.513 ug/l	100
14) Acrylonitrile	3.14	53	15103	13.394 ug/l	99
15) Acetone	2.45	58	4650	14.810 ug/l	86
16) Carbon Disulfide	2.57	76	12354	2.344 ug/l	99
17) Allyl chloride	2.73	41	6577	2.215 ug/l	94
18) Methylene Chloride	2.86	84	6500	2.846 ug/l	94
19) trans-1,2-Dichloroethene	3.17	96	5223	2.410 ug/l #	75
20) Diisopropyl ether	3.85	45	15547	2.480 ug/l #	95
21) 1,1-Dichloroethane	3.70	63	8521	2.362 ug/l #	96
22) cis-1,2-Dichloroethene	4.59	96	6205	2.490 ug/l	98
23) tert-Butyl Alcohol	3.03	59	13700	23.271 ug/l #	100
24) Methyl tert-Butyl Ether	3.20	73	16772	2.547 ug/l	99
25) Chloroform	5.21	83	10004	2.532 ug/l	100
26) Cyclohexane	5.58	56	7262	2.200 ug/l #	97
29) 1,1-Dichloropropene	5.80	75	6661	2.424 ug/l	85
30) 2-Butanone	4.68	43	19672	13.264 ug/l #	78
31) 2,2-Dichloropropane	4.57	77	4919	2.051 ug/l #	59
32) 1,1,1-Trichloroethane	5.49	97	7261	2.191 ug/l	97
33) Carbon Tetrachloride	5.79	117	5779	2.006 ug/l #	84
34) Benzene	6.14	78	20901	2.536 ug/l	99
35) Methacrylonitrile	5.04	41	3133	2.029 ug/l	89
36) 1,2-Dichloroethane	6.20	62	7766	2.635 ug/l #	82
37) Trichloroethene	7.21	130	6039	2.503 ug/l	92
38) Methylcyclohexane	7.46	83	7659	2.209 ug/l	98
39) 1,2-Dichloropropane	7.51	63	5403	2.623 ug/l	95
40) Dibromomethane	7.66	93	3924	2.590 ug/l	98

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jul 19 03:27:28 2019
 Response via : Initial Calibration

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

41) Bromodichloromethane	7.90	83	6118	2.218	ug/l	90
42) Vinyl Acetate	3.82	43	58077	11.886	ug/l	100
43) Ethyl Acetate	4.84	43	6232	2.189	ug/l	93
44) Isopropyl Acetate	6.45	43	11174	2.410	ug/l	99
45) 1,4-Dioxane	7.74	88	3434	56.897	ug/l #	95
46) Methyl methacrylate	7.77	41	5470	2.430	ug/l	93
47) n-amyl Acetate	10.90	43	7911	1.902	ug/l	94
48) t-1,3-Dichloropropene	9.04	75	5485	1.887	ug/l	95
49) cis-1,3-Dichloropropene	8.43	75	6255	1.972	ug/l	94
50) 1,1,2-Trichloroethane	9.21	97	5763	2.599	ug/l	93
51) Ethyl methacrylate	9.18	69	7464	2.176	ug/l	95
52) 1,3-Dichloropropane	9.37	76	9073	2.546	ug/l	98
53) Dibromochloromethane	9.59	129	4354	1.818	ug/l	95
54) 1,2-Dibromoethane	9.67	107	5743	2.383	ug/l	95
55) 2-Chloroethyl vinyl ether	8.31	63	19185	13.210	ug/l	98
56) Bromoform	10.85	173	3357	1.882	ug/l #	96
58) 4-Methyl-2-Pentanone	8.64	43	36359	12.615	ug/l	98
59) 2-Hexanone	9.49	43	27614	12.520	ug/l	99
61) Tetrachloroethene	9.34	164	6023	2.673	ug/l	95
62) Toluene	8.79	91	22661	2.499	ug/l	99
64) Chlorobenzene	10.14	112	14797	2.547	ug/l	92
65) 1,1,1,2-Tetrachloroethane	10.22	131	4656	2.205	ug/l	99
66) Ethyl Benzene	10.25	91	23382	2.291	ug/l	96
67) m/p-Xylenes	10.36	106	18021	4.615	ug/l	96
68) o-Xylene	10.69	106	8824	2.306	ug/l	95
69) Styrene	10.71	104	13720	2.133	ug/l	99
70) Isopropylbenzene	11.02	105	23079	2.265	ug/l	98
71) 1,1,2,2-Tetrachloroethane	11.27	83	8014	2.439	ug/l	97
72) 1,1,2,3-Trichloropropane	11.29	75	8511	3.104	ug/l	83
73) Bromobenzene	11.25	156	6550	2.383	ug/l	99
74) n-propylbenzene	11.36	91	24705	2.154	ug/l	98
75) 2-Chlorotoluene	11.42	91	16177	2.369	ug/l	95
76) 1,3,5-Trimethylbenzene	11.51	105	18301	2.122	ug/l	98
77) t-1,4-Dichloro-2-butene	11.07	75	1546	1.709	ug/l	77
78) 4-Chlorotoluene	11.51	91	17534	2.235	ug/l	98
79) tert-butylbenzene	11.77	119	18225	2.179	ug/l	99
80) 1,2,4-Trimethylbenzene	11.80	105	18902	2.176	ug/l	98
81) sec-Butylbenzene	11.94	105	21028	2.133	ug/l	99
82) p-Isopropyltoluene	12.06	119	18364	2.007	ug/l	99
83) 1,3-Dichlorobenzene	12.02	146	10618	2.188	ug/l	98
84) 1,4-Dichlorobenzene	12.10	146	11210	2.324	ug/l	97
85) n-Butylbenzene	12.38	91	14407	1.849	ug/l	98
86) Hexachloroethane	12.60	117	2489	1.725	ug/l	92
87) 1,2-Dichlorobenzene	12.39	146	11332	2.385	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.99	75	1551	2.144	ug/l	87
89) 1,2,4-Trichlorobenzene	13.65	180	6836	2.086	ug/l	98
90) Hexachlorobutadiene	13.78	225	3126	1.973	ug/l	95
91) Naphthalene	13.83	128	20409	2.041	ug/l	97
92) 1,2,3-Trichlorobenzene	14.02	180	7415	2.257	ug/l	98

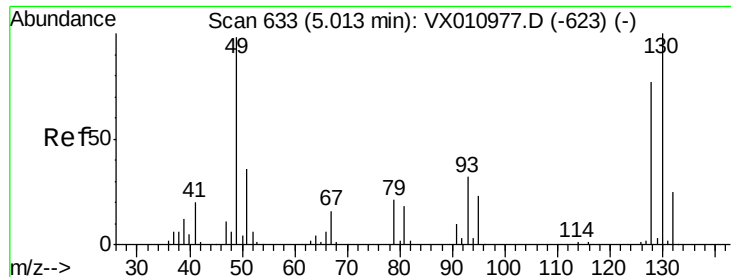
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QLast Update : Fri Jul 19 03:27:28 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.02 min Scan# 634

Delta R.T. 0.01 min

Lab File: VX010984.D

Acq: 19 Jul 2019 01:51

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2019 DL

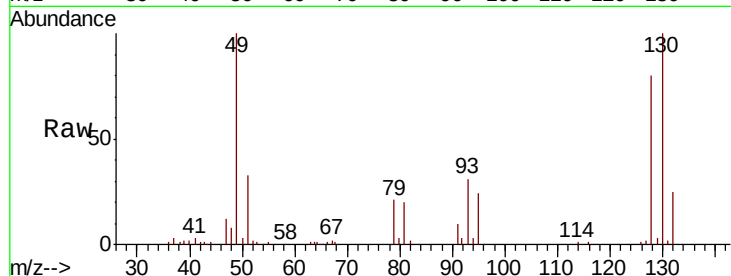
Tot Ion:128 Resp: 36678

Ion Ratio Lower Upper

128 100

49 135.7 0.0 343.5

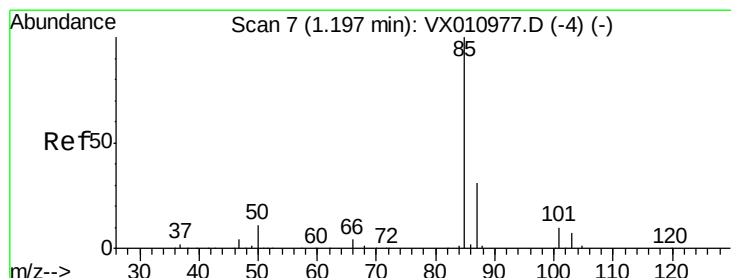
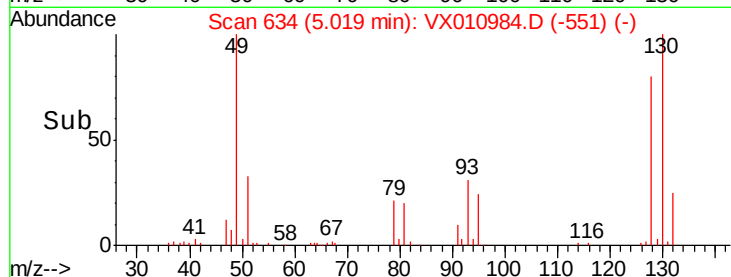
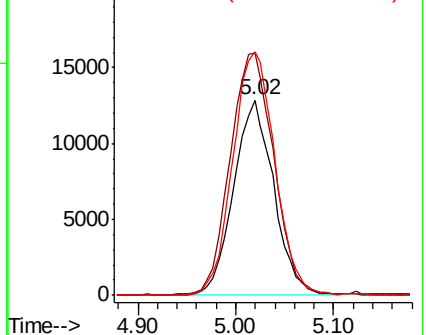
130 131.0 0.0 324.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 1.841 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX010984.D

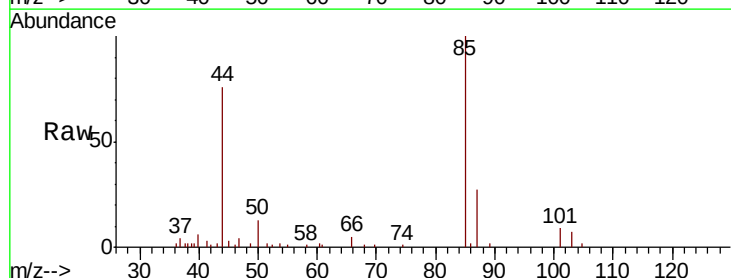
Acq: 19 Jul 2019 01:51

Tgt Ion: 85 Resp: 4465

Ion Ratio Lower Upper

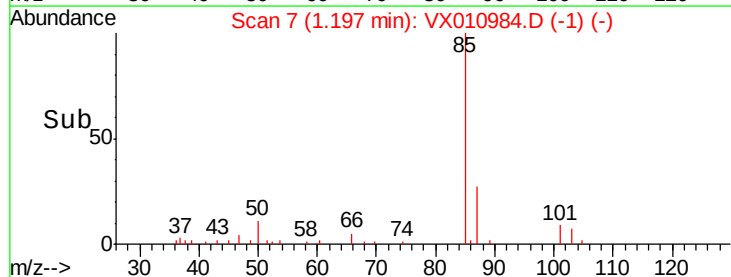
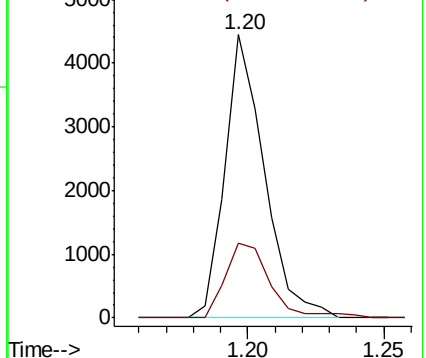
85 100

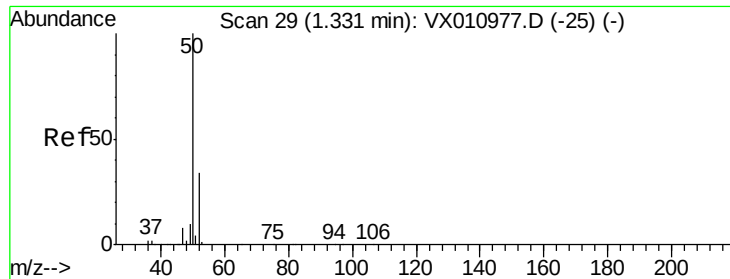
87 26.5 15.4 46.1



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 2.548 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX010984.D

Acq: 19 Jul 2019 01:51

Instrument :

MSVOA_X

ClientSampleId :

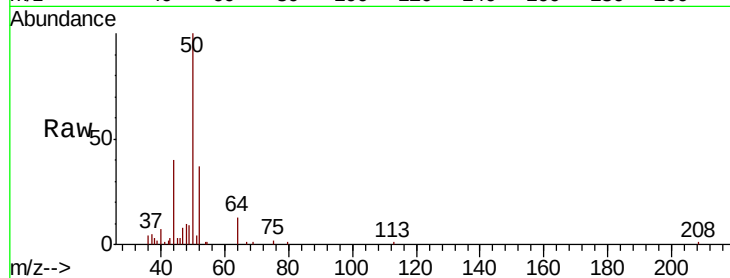
LOD-MDL-WATER-01-QT3-2019 DL

Tot Ion: 50 Resp: 5434

Ion Ratio Lower Upper

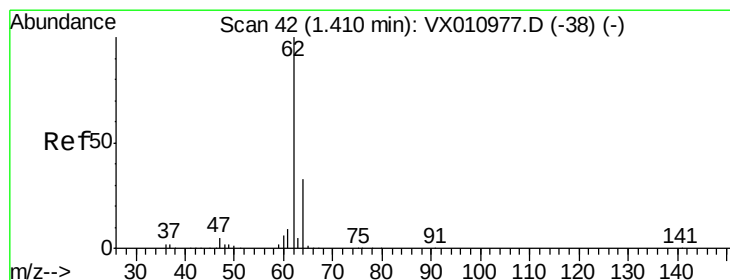
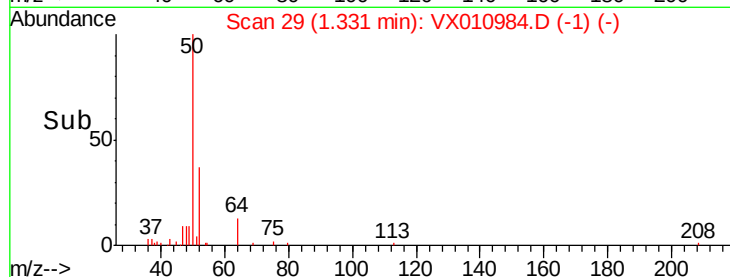
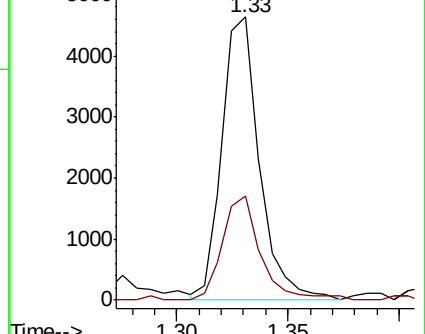
50 100

52 37.0 27.3 40.9



Abundance Ion 50.00 (49.70 to 50.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#4

Vinyl Chloride

Concen: 2.352 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.01 min

Lab File: VX010984.D

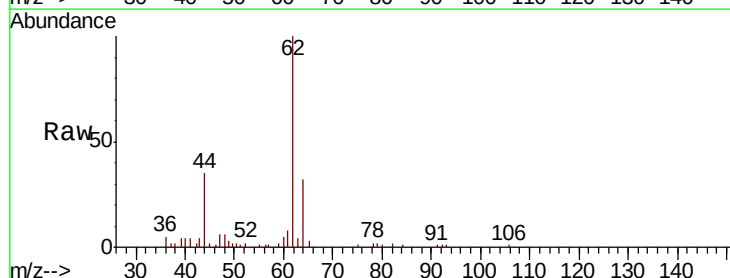
Acq: 19 Jul 2019 01:51

Tgt Ion: 62 Resp: 5231

Ion Ratio Lower Upper

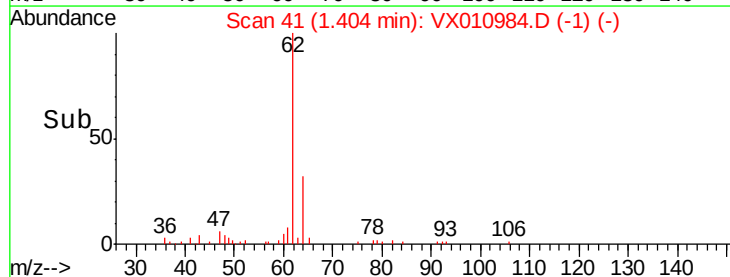
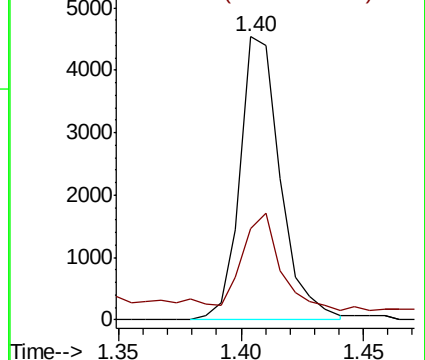
62 100

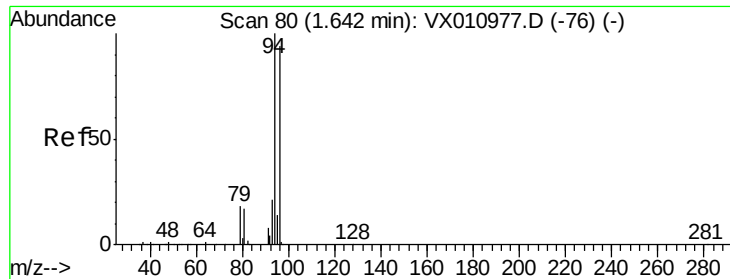
64 29.1 26.8 40.2



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 64.00 (63.70 to 64.70): VX0





#5

Bromomethane

Concen: 3.716 ug/l

RT: 1.64 min Scan# 80

Delta R.T. -0.00 min

Lab File: VX010984.D

Acq: 19 Jul 2019 01:51

Instrument :

MSVOA_X

ClientSampleId :

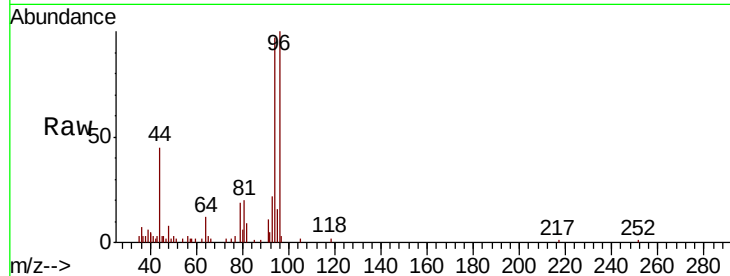
LOD-MDL-WATER-01-QT3-2019 DL

Tot Ion: 94 Resp: 4548

Ion Ratio Lower Upper

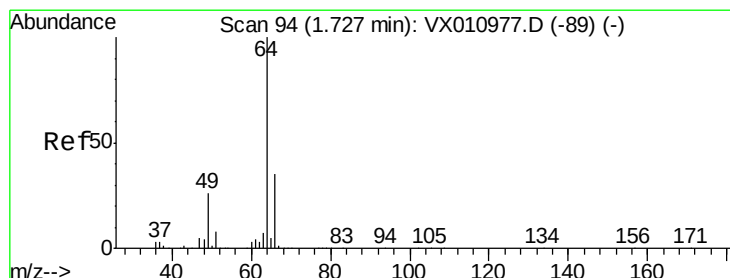
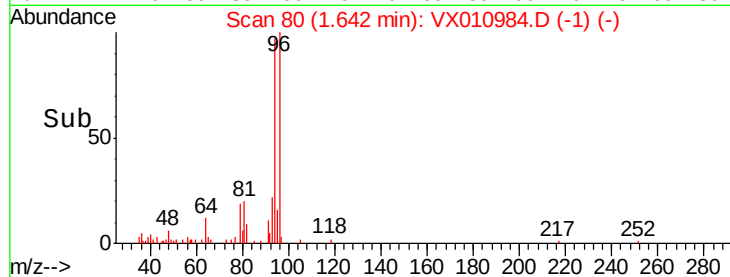
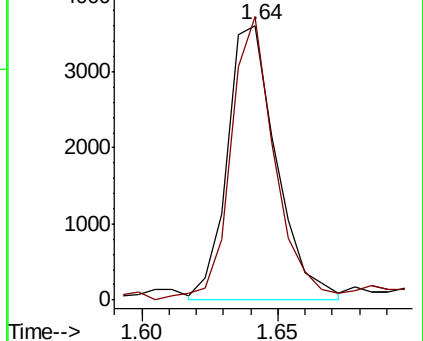
94 100

96 102.1 75.4 113.2



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 2.844 ug/l

RT: 1.73 min Scan# 94

Delta R.T. -0.00 min

Lab File: VX010984.D

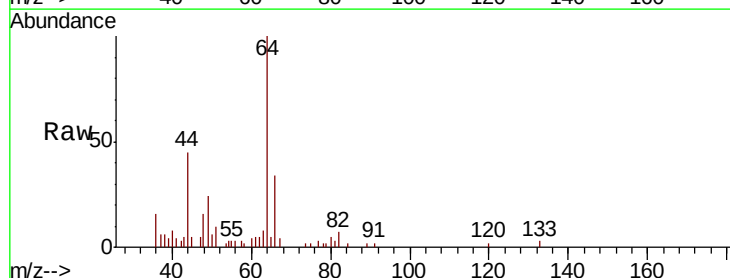
Acq: 19 Jul 2019 01:51

Tgt Ion: 64 Resp: 3741

Ion Ratio Lower Upper

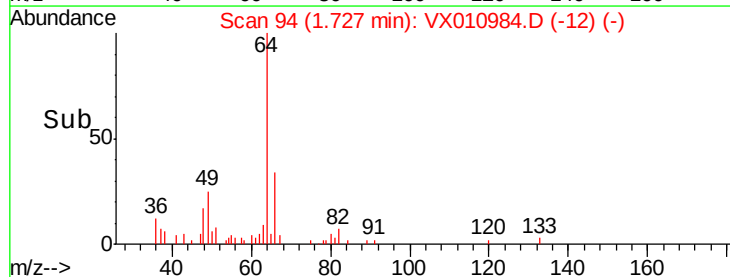
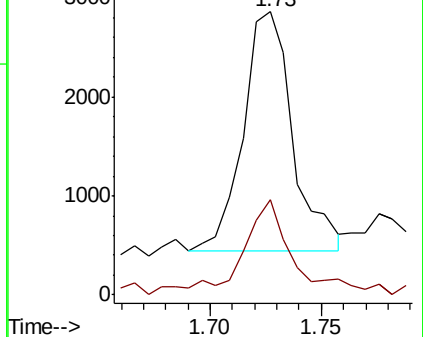
64 100

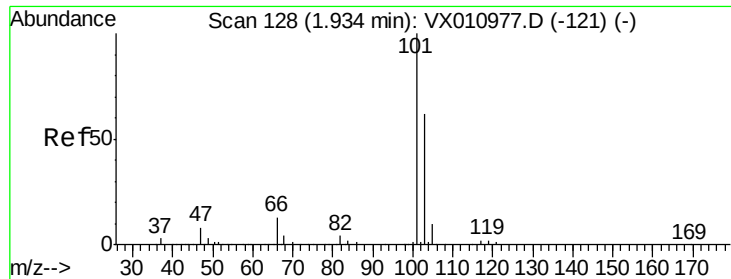
66 36.8 28.1 42.1



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0



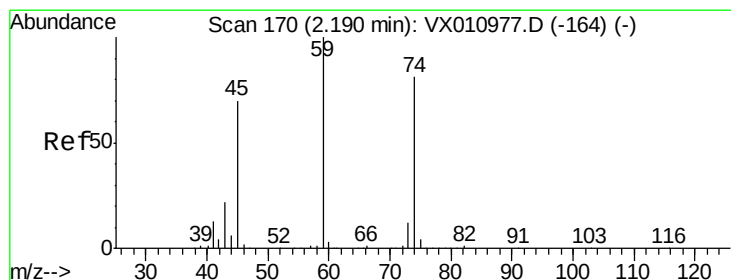
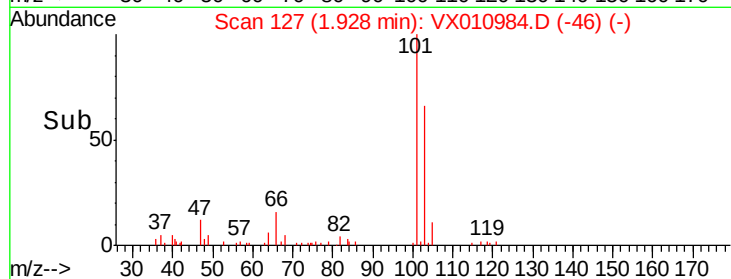
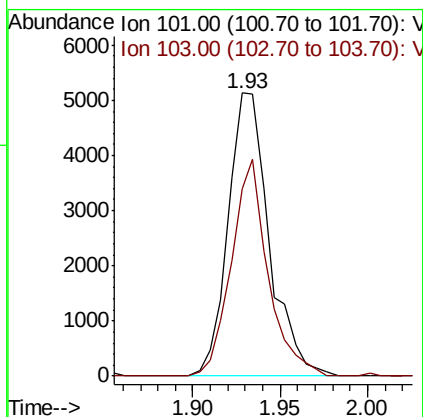
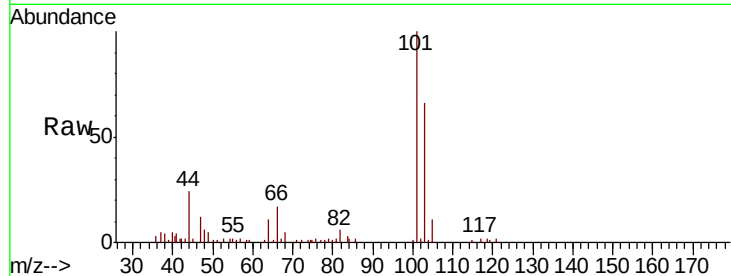


#7

Trichlorofluoromethane
 Concen: 2.274 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. -0.01 min
 Lab File: VX010984.D
 Acq: 19 Jul 2019 01:51

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

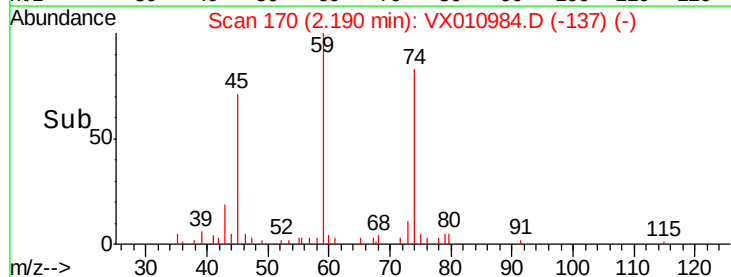
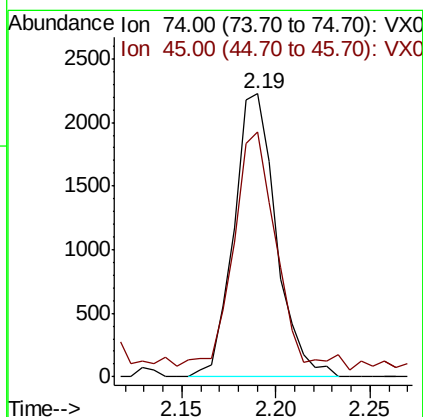
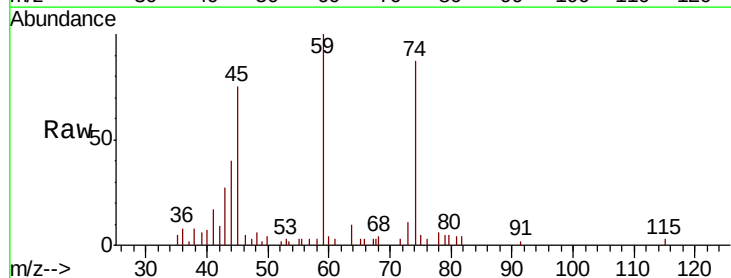
Tot Ion:101 Resp: 8396
 Ion Ratio Lower Upper
 101 100
 103 66.4 49.6 74.4

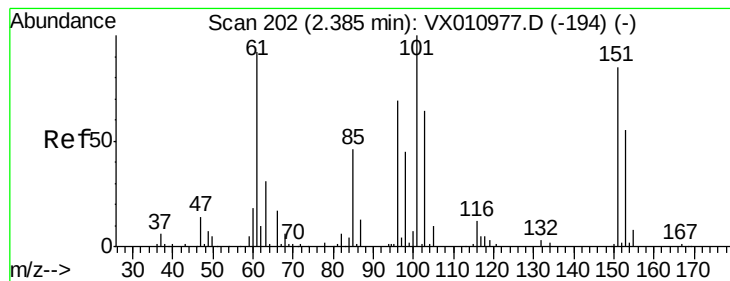


#8

Diethyl Ether
 Concen: 2.860 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX010984.D
 Acq: 19 Jul 2019 01:51

Tgt Ion: 74 Resp: 3469
 Ion Ratio Lower Upper
 74 100
 45 80.7 18.3 164.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 2.444 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX010984.D

Acq: 19 Jul 2019 01:51

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2019 DL

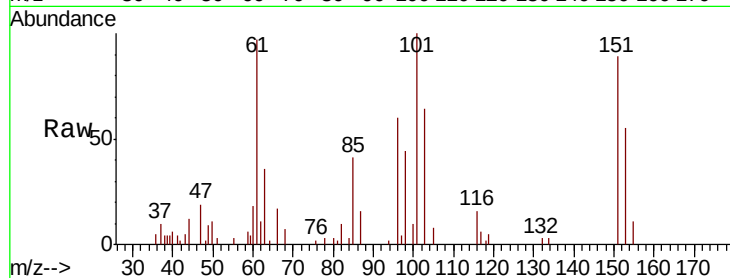
Tot Ion:101 Resp: 4989

Ion Ratio Lower Upper

101 100

85 45.6 0.0 89.8

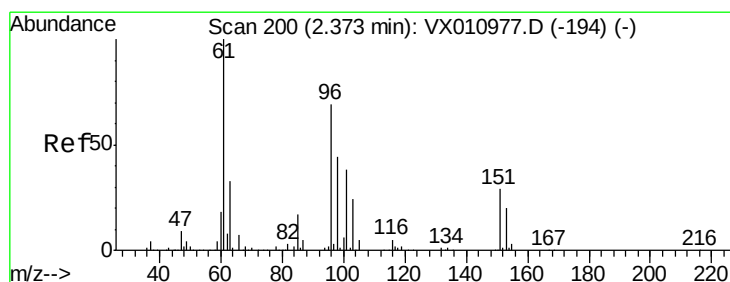
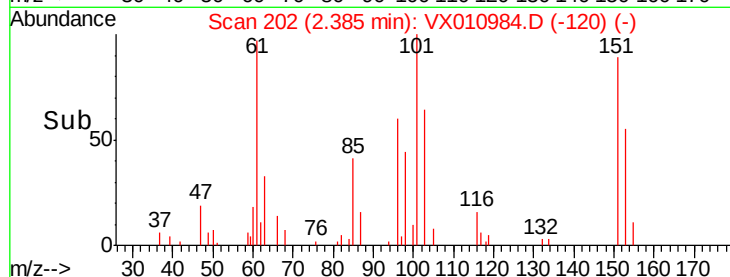
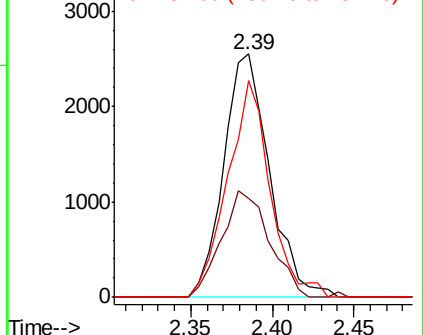
151 80.5 0.0 172.2



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 2.320 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.00 min

Lab File: VX010984.D

Acq: 19 Jul 2019 01:51

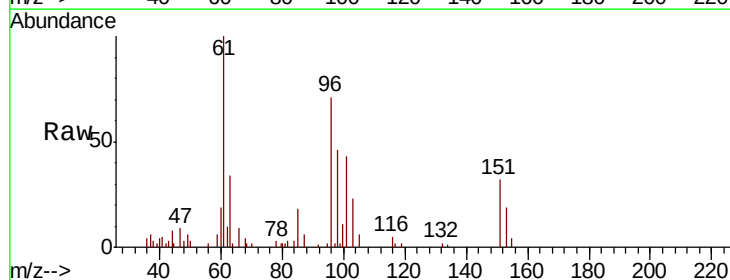
Tgt Ion: 96 Resp: 4758

Ion Ratio Lower Upper

96 100

61 138.5 115.9 173.9

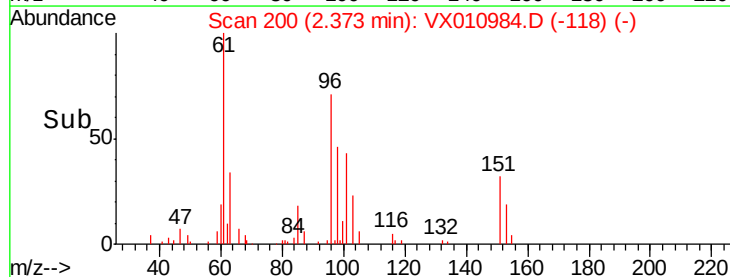
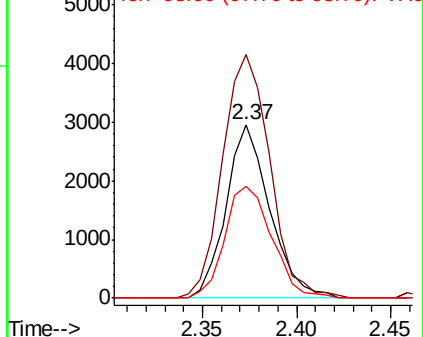
98 64.1 50.6 75.8

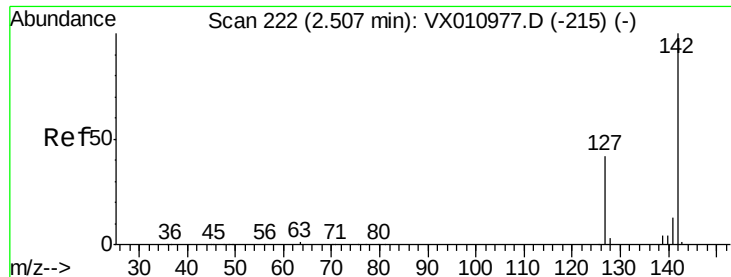


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

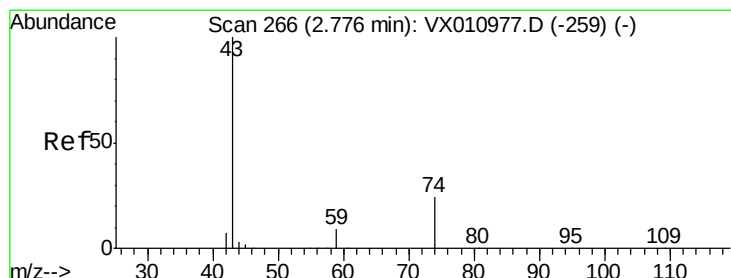
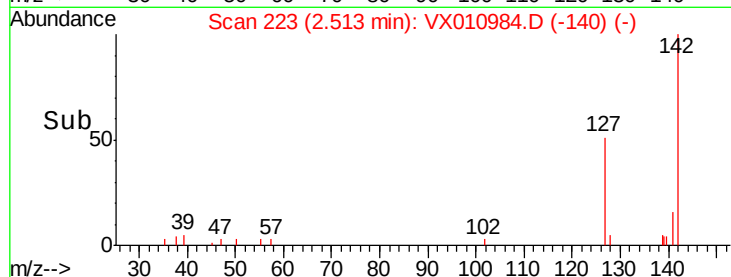
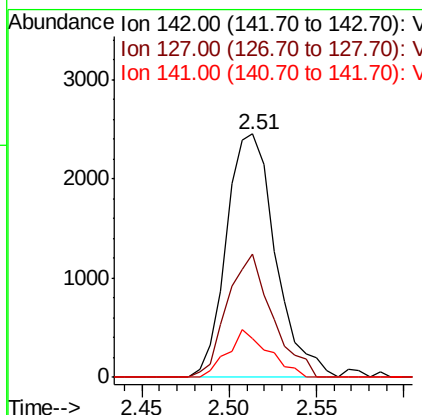
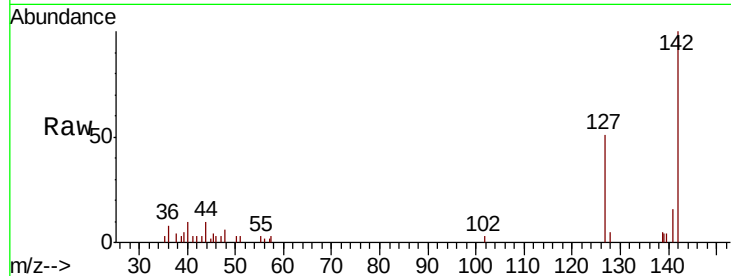




#11
Methvl Iodide
Concen: 1.740 ug/l
RT: 2.51 min Scan# 223
Delta R.T. 0.01 min
Lab File: VX010984.D
Acq: 19 Jul 2019 01:51

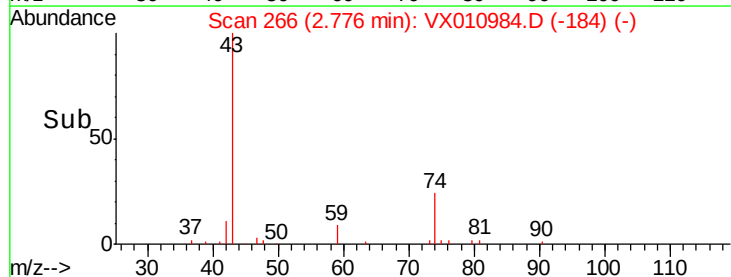
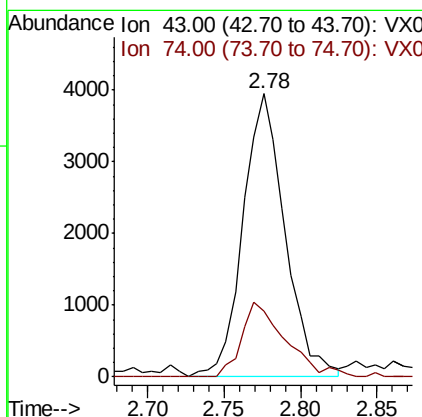
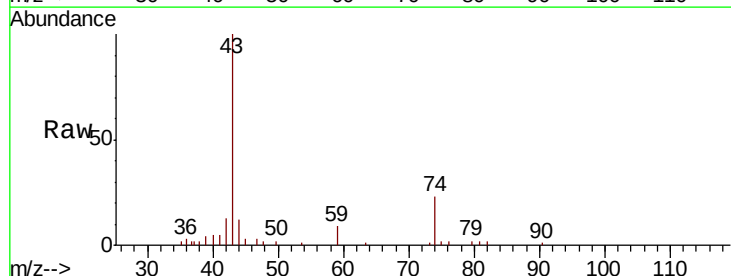
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019 DL

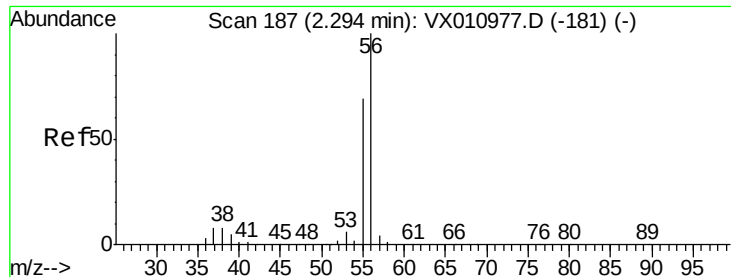
Tot Ion:142 Resp: 4792
Ion Ratio Lower Upper
142 100
127 50.8 20.7 62.1
141 15.9 6.7 20.0



#12
Methyl Acetate
Concen: 2.614 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX010984.D
Acq: 19 Jul 2019 01:51

Tgt Ion: 43 Resp: 7532
Ion Ratio Lower Upper
43 100
74 22.4 19.8 29.6





#13

Acrolein

Concen: 11.513 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX010984.D

Acq: 19 Jul 2019 01:51

Instrument :

MSVOA_X

ClientSampleId :

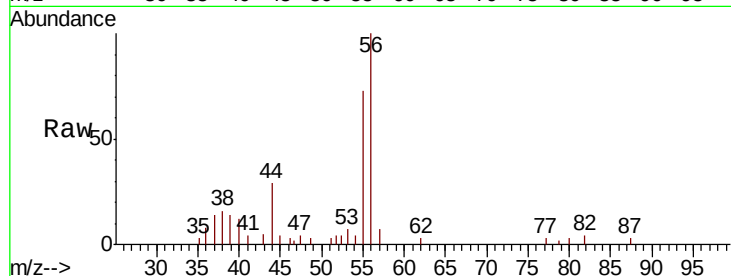
LOD-MDL-WATER-01-QT3-2019 DL

Tot Ion: 56 Resp: 3977

Ion Ratio Lower Upper

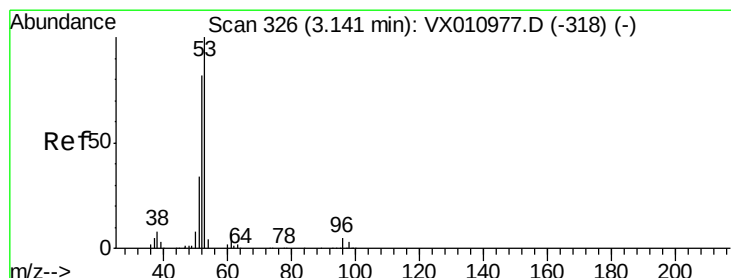
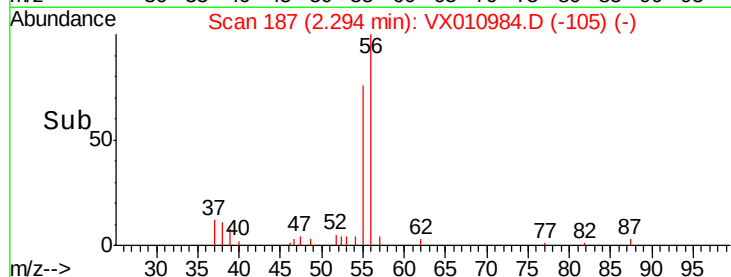
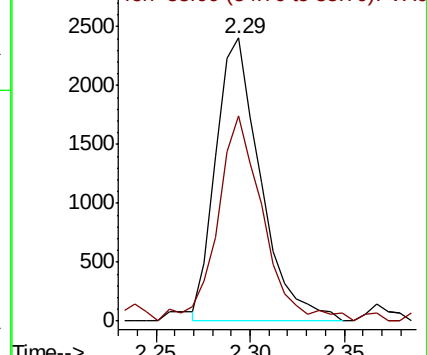
56 100

55 70.0 56.1 84.1



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Acrylonitrile

Concen: 13.394 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX010984.D

Acq: 19 Jul 2019 01:51

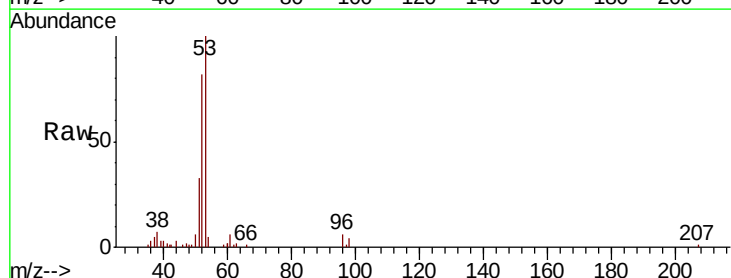
Tgt Ion: 53 Resp: 15103

Ion Ratio Lower Upper

53 100

52 82.9 41.1 123.4

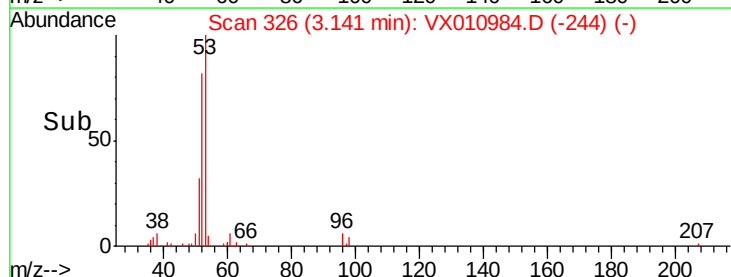
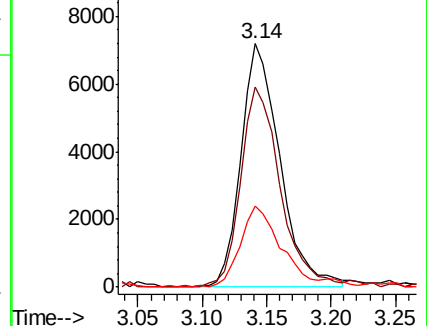
51 34.0 17.8 53.3

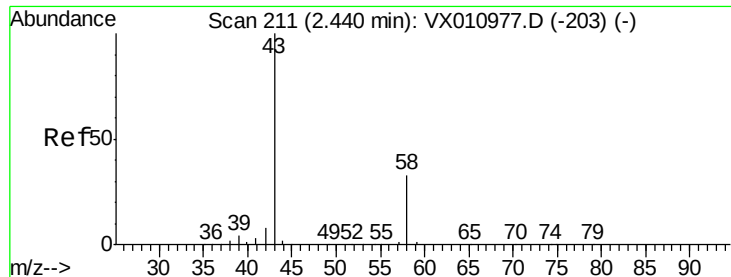


Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0





#15

Acetone

Concen: 14.810 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.01 min

Lab File: VX010984.D

Acq: 19 Jul 2019 01:51

Instrument :

MSVOA_X

ClientSampleId :

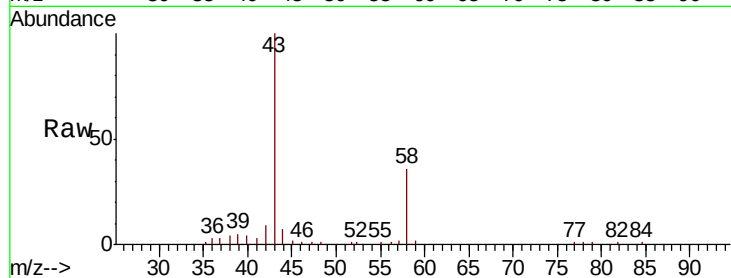
LOD-MDL-WATER-01-QT3-2019 DL

Tot Ion: 58 Resp: 4650

Ion Ratio Lower Upper

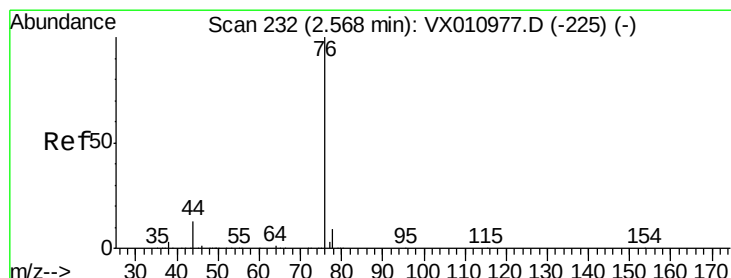
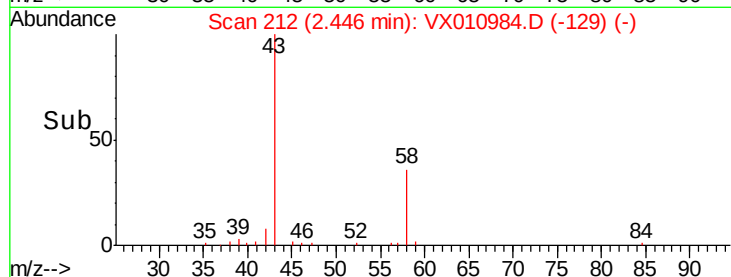
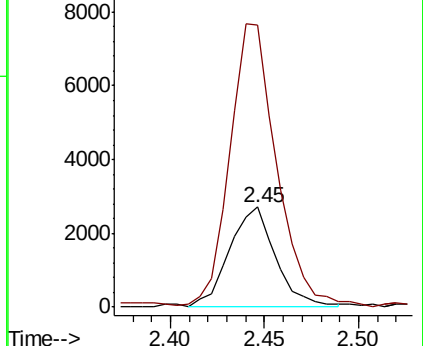
58 100

43 277.7 243.8 365.6



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 2.344 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX010984.D

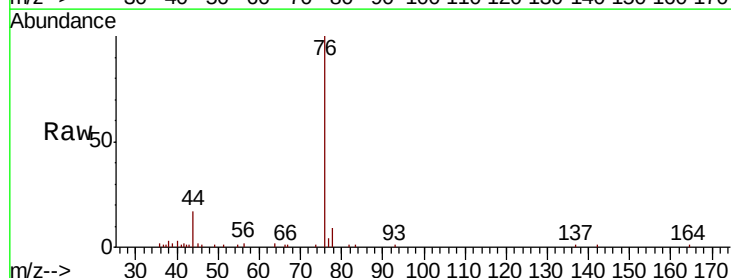
Acq: 19 Jul 2019 01:51

Tgt Ion: 76 Resp: 12354

Ion Ratio Lower Upper

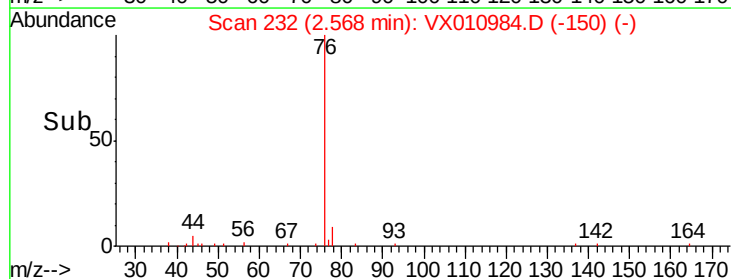
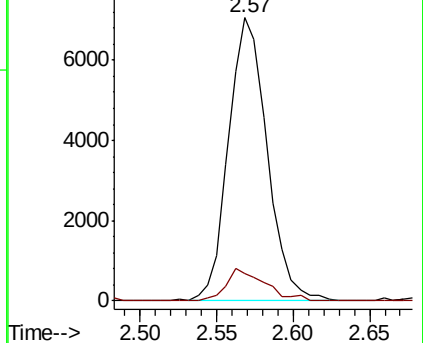
76 100

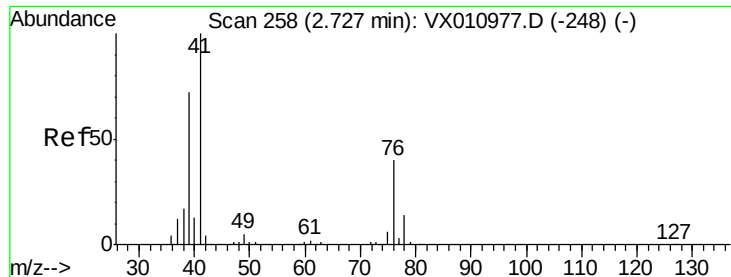
78 9.5 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

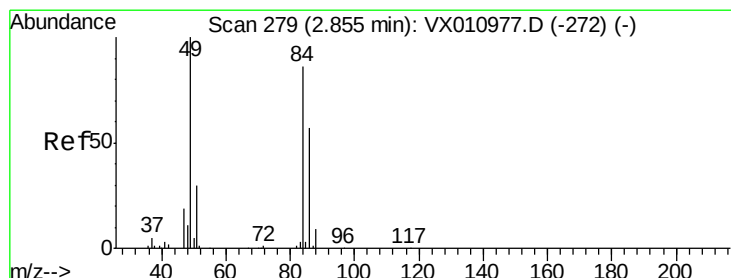
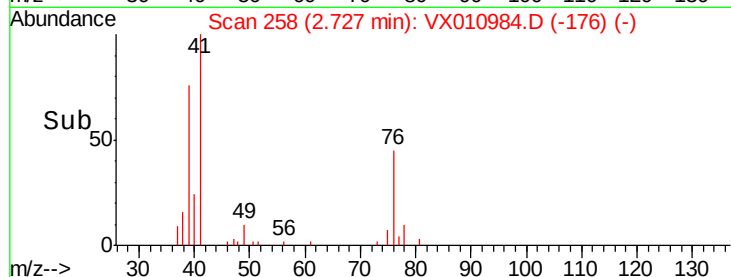
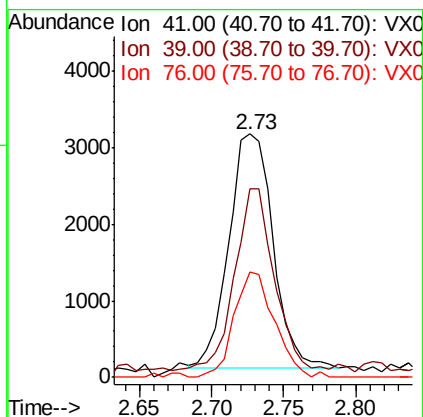
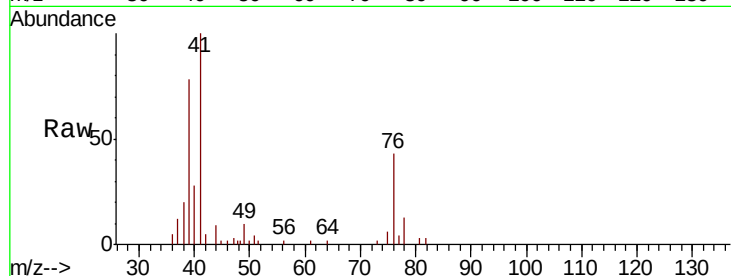




#17
Allvl chloride
Concen: 2.215 ug/l
RT: 2.73 min Scan# 258
Delta R.T. -0.00 min
Lab File: VX010984.D
Acq: 19 Jul 2019 01:51

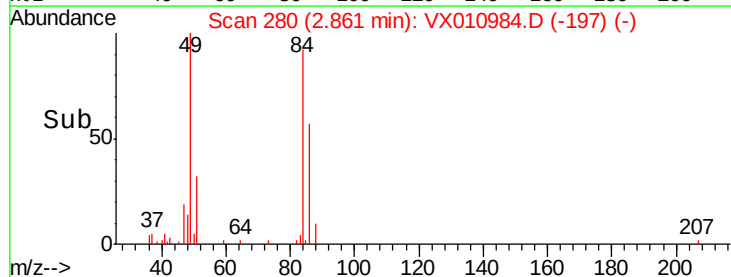
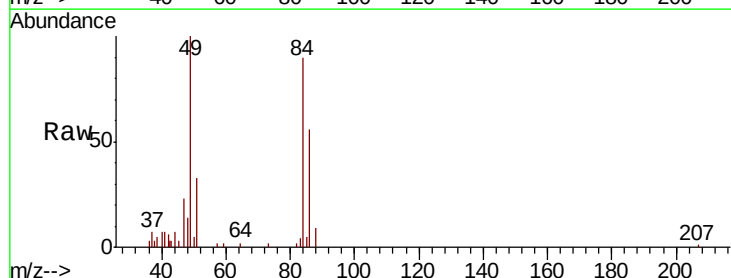
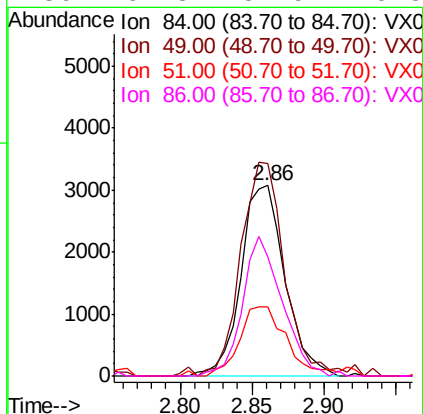
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019 DL

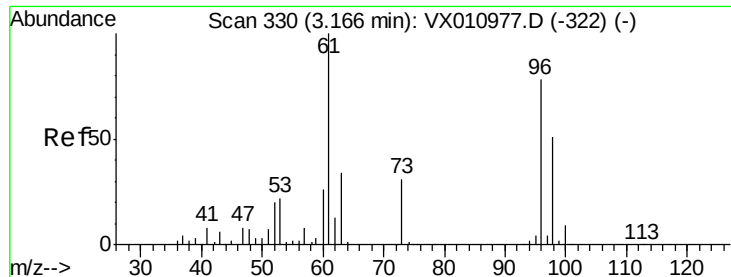
Tot Ion: 41 Resp: 6577
Ion Ratio Lower Upper
41 100
39 76.6 36.1 108.3
76 44.8 20.2 60.5



#18
Methylene Chloride
Concen: 2.846 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX010984.D
Acq: 19 Jul 2019 01:51

Tgt Ion: 84 Resp: 6500
Ion Ratio Lower Upper
84 100
49 107.7 93.2 139.8
51 34.9 28.6 42.8
86 62.3 52.9 79.3

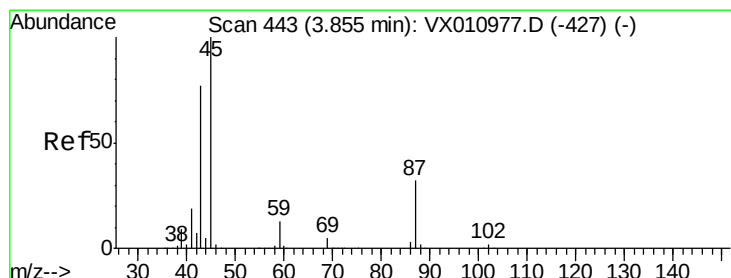
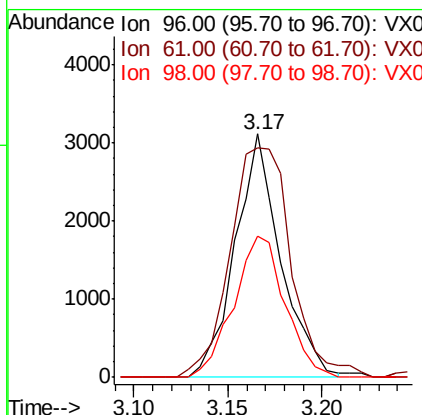
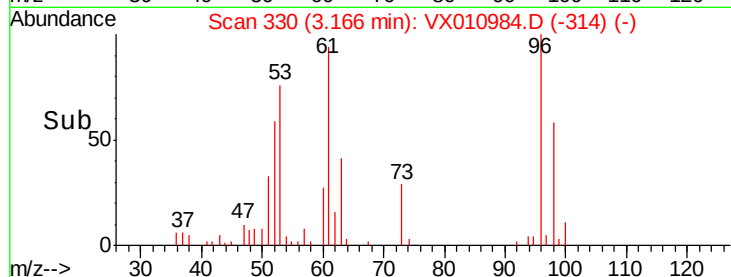
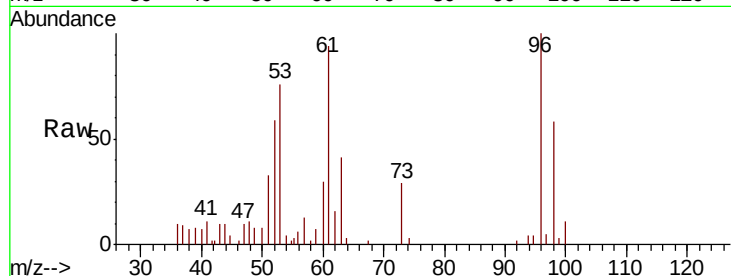




#19
trans-1,2-Dichloroethene
Concen: 2.410 ug/l
RT: 3.17 min Scan# 330
Delta R.T. -0.00 min
Lab File: VX010984.D
Acq: 19 Jul 2019 01:51

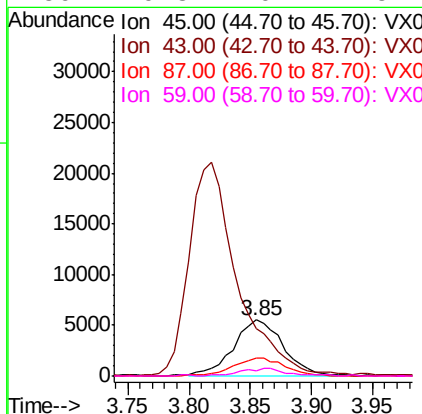
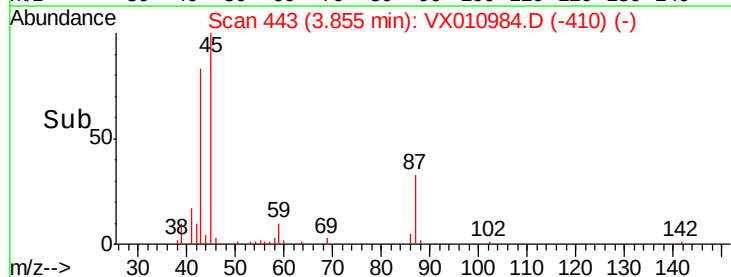
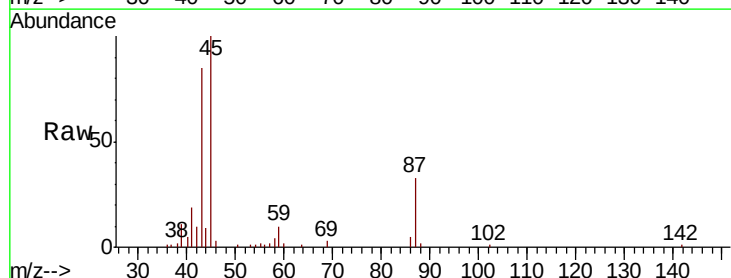
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019 DL

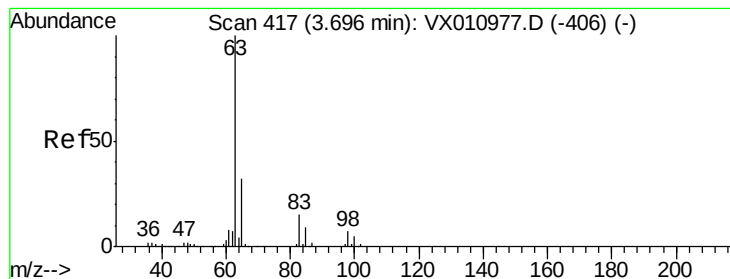
Tot Ion: 96 Resp: 5223
Ion Ratio Lower Upper
96 100
61 90.6 102.2 153.4#
98 57.7 52.2 78.2



#20
Diisopropyl ether
Concen: 2.480 ug/l
RT: 3.85 min Scan# 443
Delta R.T. -0.00 min
Lab File: VX010984.D
Acq: 19 Jul 2019 01:51

Tgt Ion: 45 Resp: 15547
Ion Ratio Lower Upper
45 100
43 80.9 61.5 92.3
87 33.5 25.4 38.2
59 9.8 10.2 15.2#





#21

1,1-Dichloroethane

Concen: 2.362 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX010984.D

Acq: 19 Jul 2019 01:51

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2019 DL

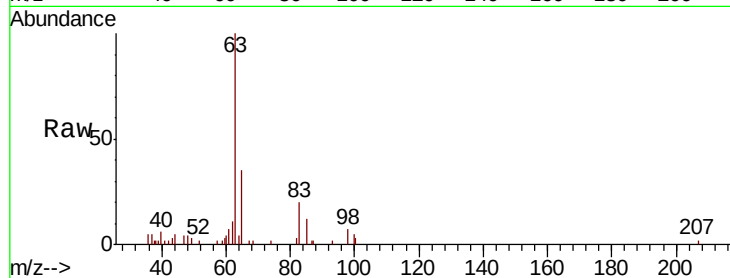
Tot Ion: 63 Resp: 8521

Ion Ratio Lower Upper

63 100

98 7.0 3.8 11.2

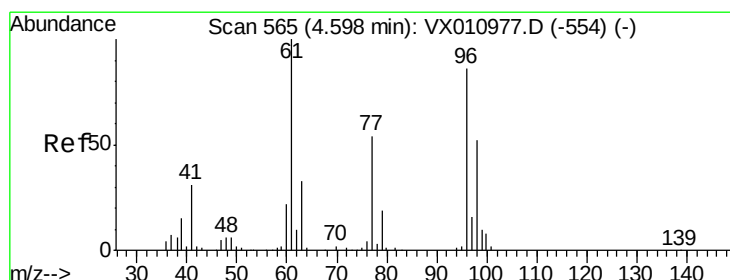
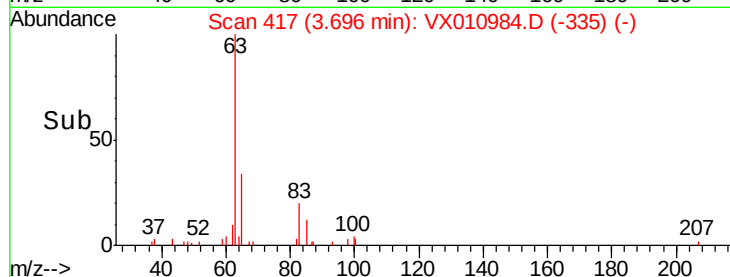
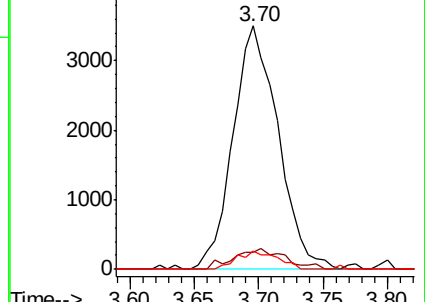
100 7.7 2.5 7.4#



Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



#22

cis-1,2-Dichloroethene

Concen: 2.490 ug/l

RT: 4.59 min Scan# 564

Delta R.T. -0.01 min

Lab File: VX010984.D

Acq: 19 Jul 2019 01:51

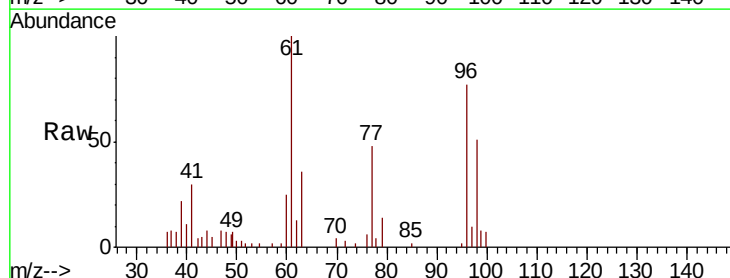
Tgt Ion: 96 Resp: 6205

Ion Ratio Lower Upper

96 100

61 131.3 102.9 154.3

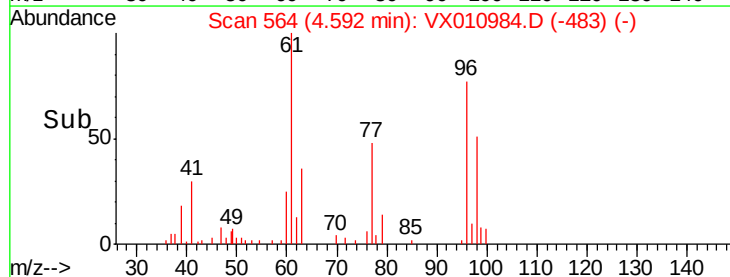
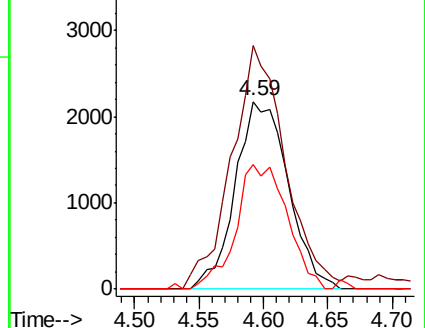
98 64.5 50.9 76.3

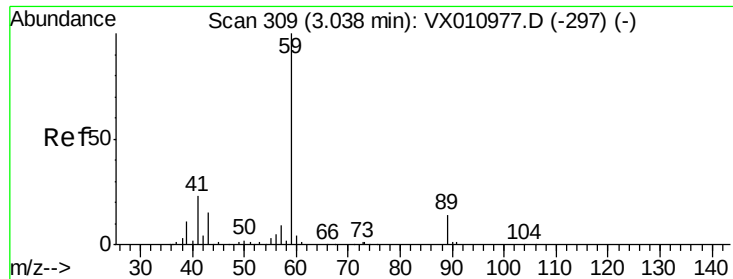


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#23

tert-Butyl Alcohol

Concen: 23.271 ug/l

RT: 3.03 min Scan# 308

Delta R.T. -0.01 min

Lab File: VX010984.D

Acq: 19 Jul 2019 01:51

Instrument :

MSVOA_X

ClientSampleId :

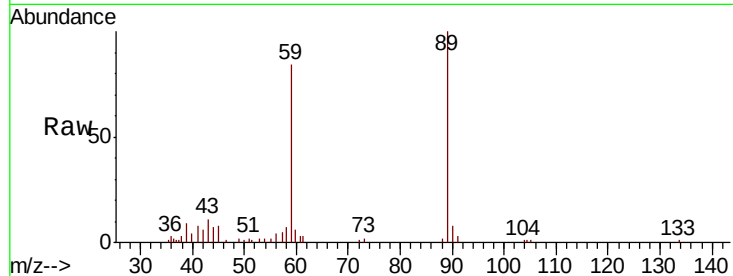
LOD-MDL-WATER-01-QT3-2019 DL

Tot Ion: 59 Resp: 13700

Ion Ratio Lower Upper

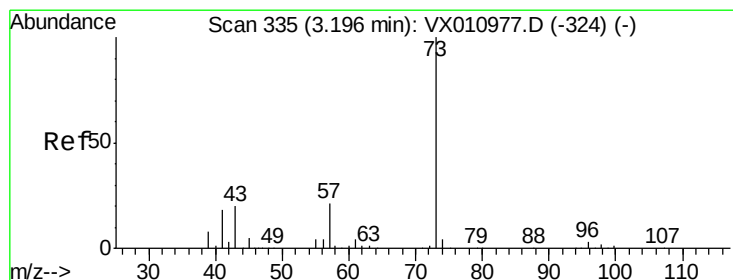
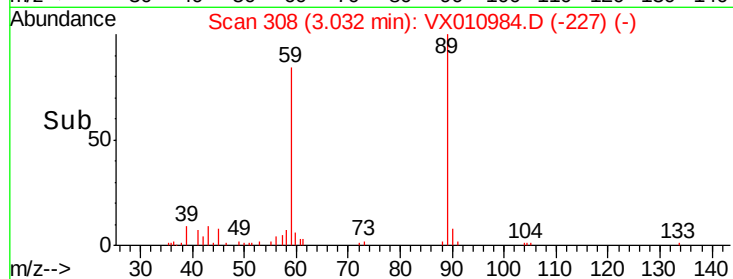
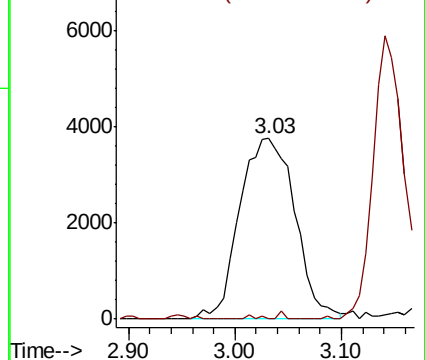
59 100

52 0.1 0.2 0.4#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#24

Methyl tert-Butyl Ether

Concen: 2.547 ug/l

RT: 3.20 min Scan# 335

Delta R.T. -0.00 min

Lab File: VX010984.D

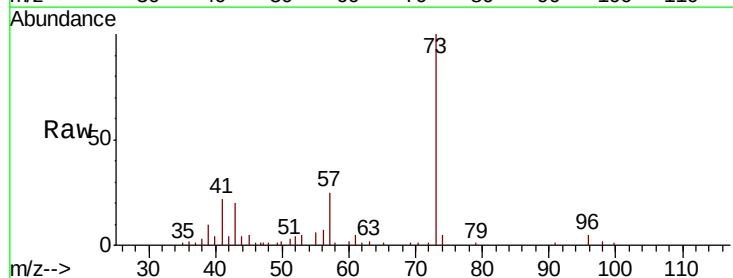
Acq: 19 Jul 2019 01:51

Tgt Ion: 73 Resp: 16772

Ion Ratio Lower Upper

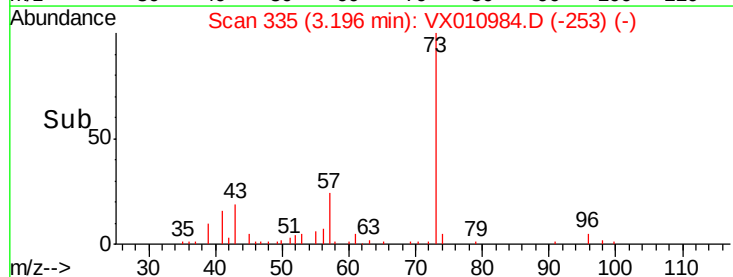
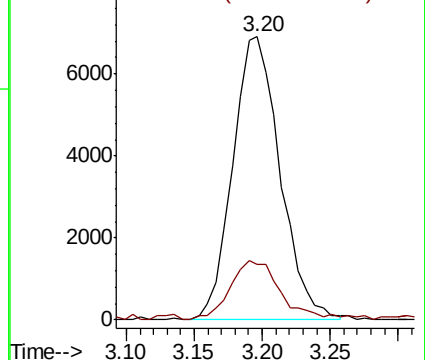
73 100

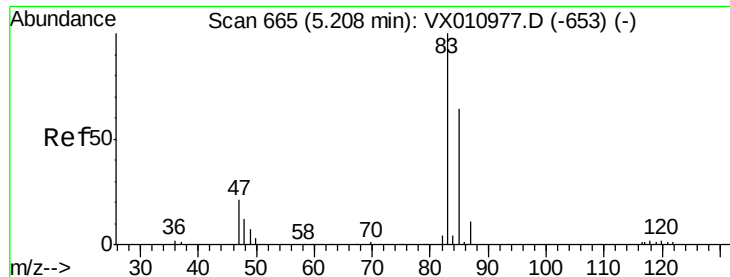
43 20.1 15.8 23.6



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

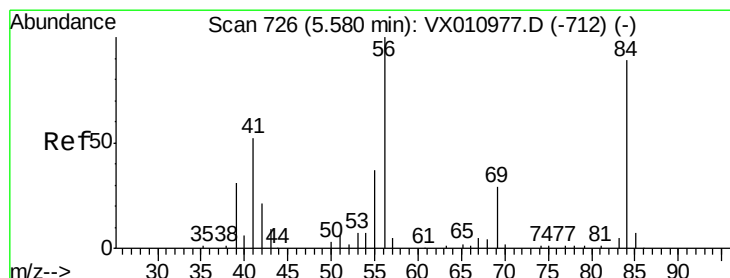
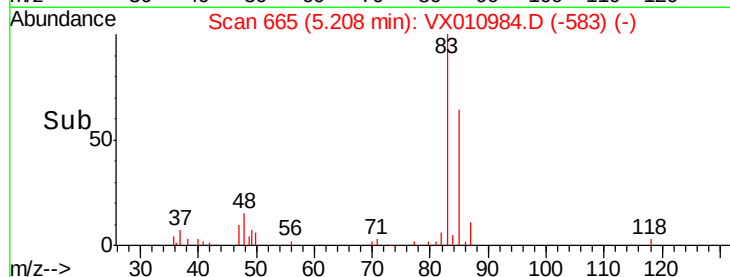
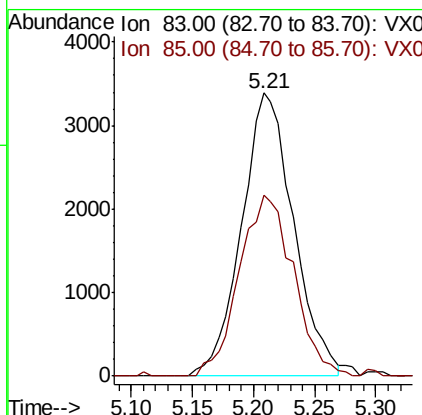
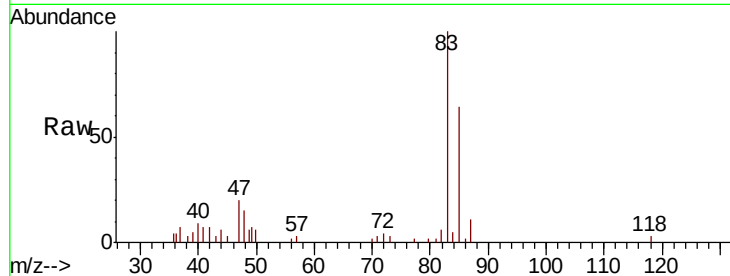




#25
Chloroform
Concen: 2.532 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.00 min
Lab File: VX010984.D
Acq: 19 Jul 2019 01:51

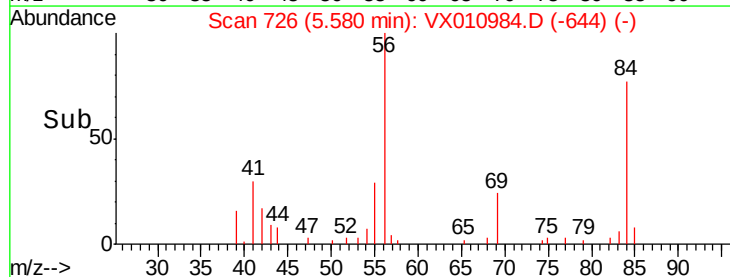
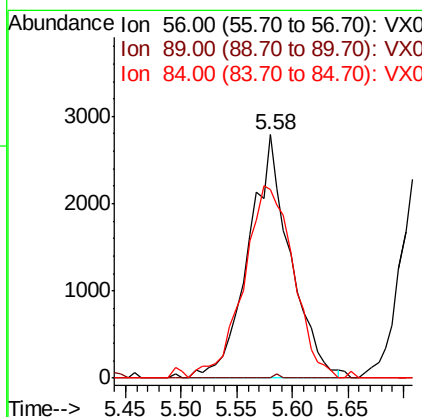
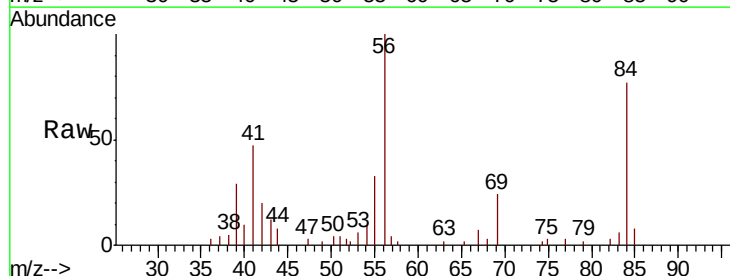
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019 DL

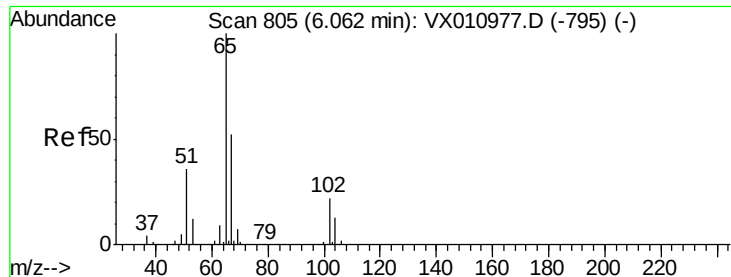
Tot Ion: 83 Resp: 10004
Ion Ratio Lower Upper
83 100
85 63.8 50.9 76.3



#26
Cyclohexane
Concen: 2.200 ug/l
RT: 5.58 min Scan# 726
Delta R.T. -0.00 min
Lab File: VX010984.D
Acq: 19 Jul 2019 01:51

Tgt Ion: 56 Resp: 7262
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 94.2 73.0 109.4





#27

1,2-Dichloroethane-d4

Concen: 29.423 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX010984.D

Acq: 19 Jul 2019 01:51

Instrument :

MSVOA_X

ClientSampleId :

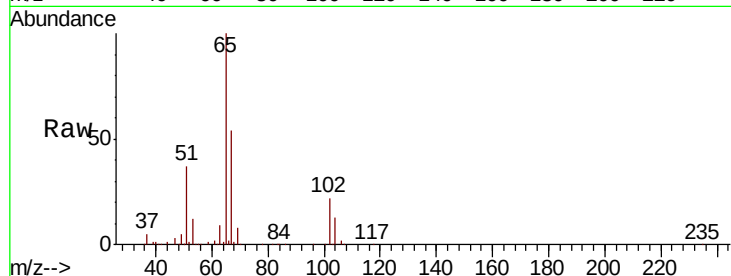
LOD-MDL-WATER-01-QT3-2019 DL

Tot Ion: 65 Resp: 73162

Ion Ratio Lower Upper

65 100

67 54.2 41.7 62.5



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

6.06

30000

25000

20000

15000

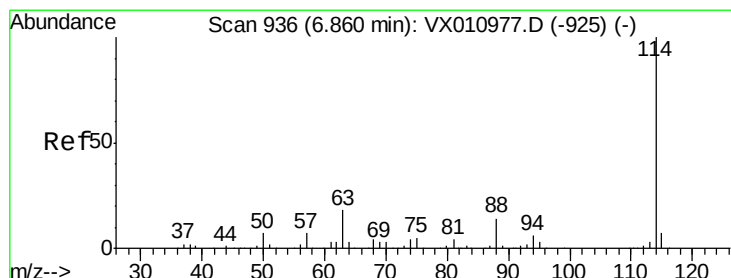
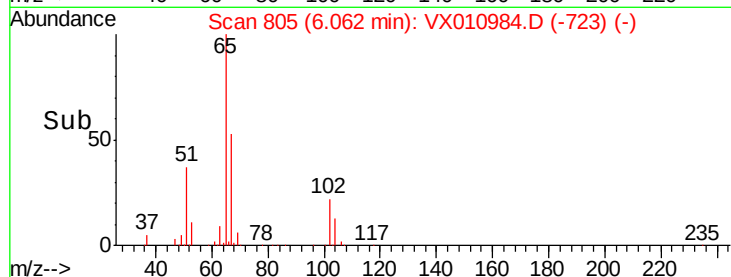
10000

5000

0

6.00 6.10

Time-->



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX010984.D

Acq: 19 Jul 2019 01:51

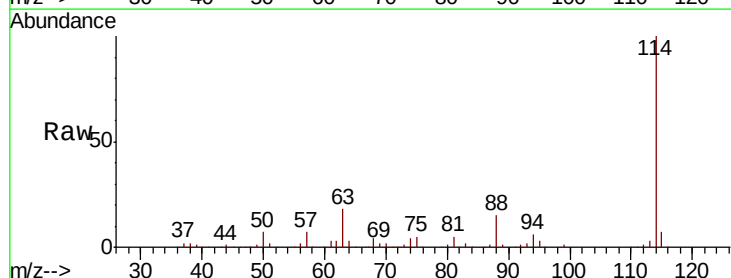
Tgt Ion:114 Resp: 195376

Ion Ratio Lower Upper

114 100

63 18.5 14.6 22.0

88 15.0 11.8 17.8



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0

6.86

100000

80000

60000

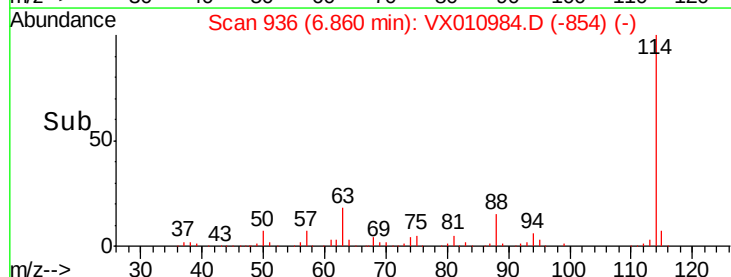
40000

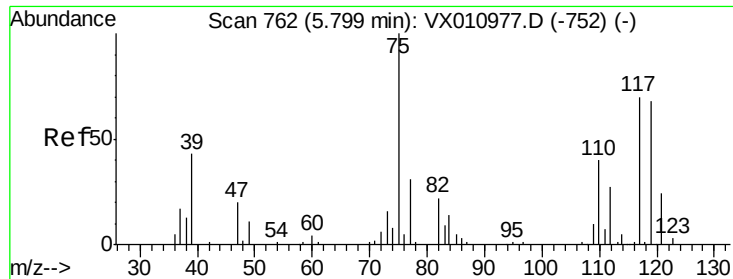
20000

0

6.75 6.80 6.85 6.90 6.95

Time-->

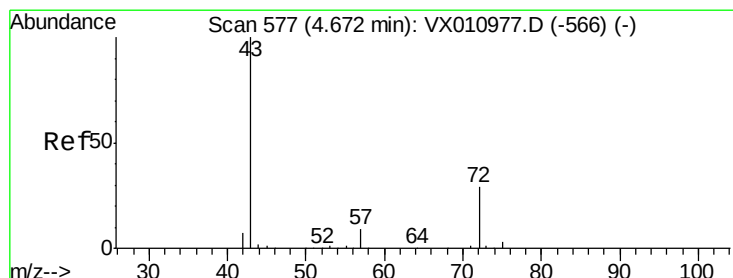
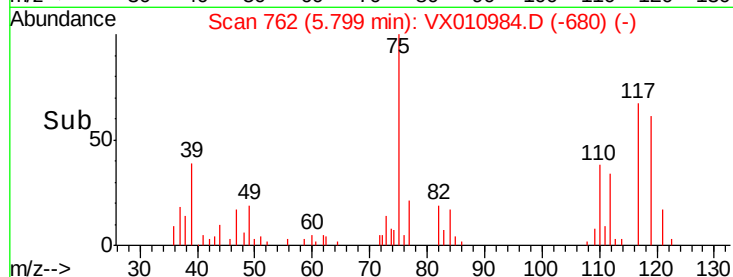
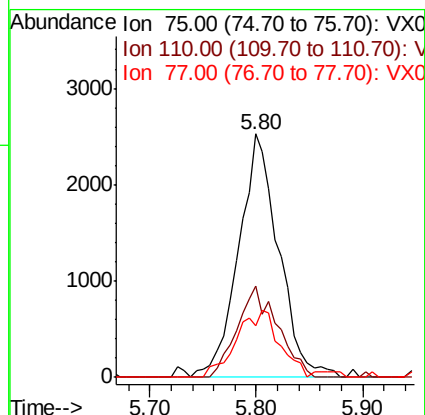
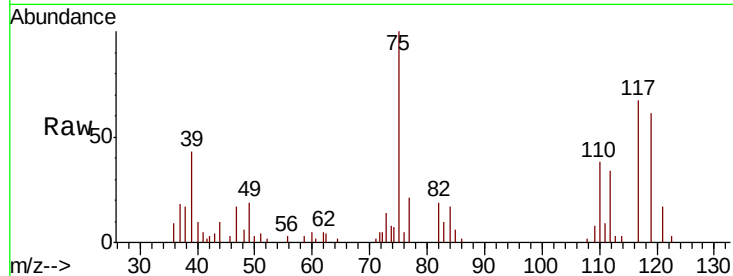




#29
 1,1-Dichloropropene
 Concen: 2.424 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX010984.D
 Acq: 19 Jul 2019 01:51

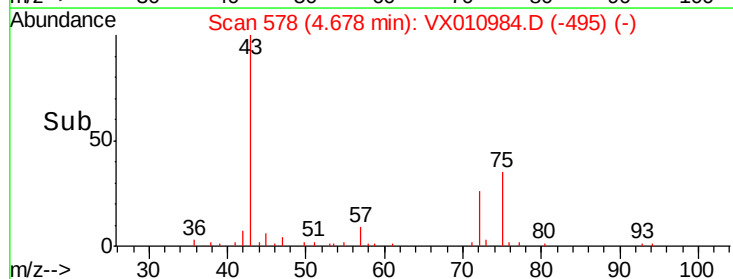
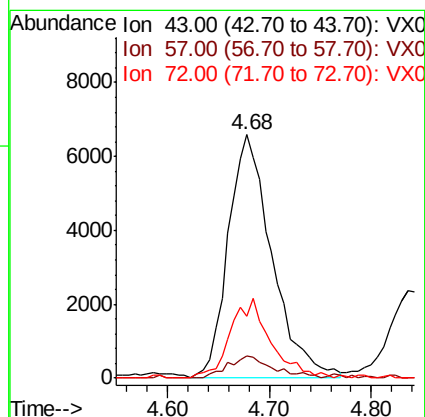
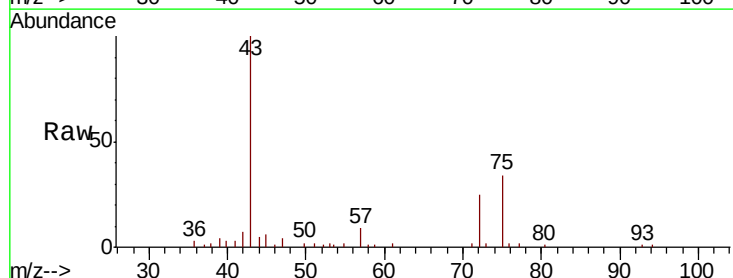
Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2019 DL

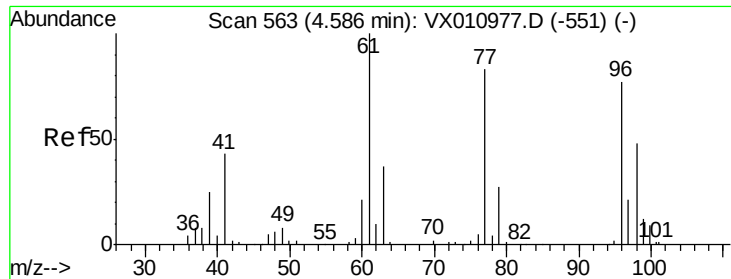
Tot Ion: 75 Resp: 6661
 Ion Ratio Lower Upper
 75 100
 110 37.7 0.0 79.8
 77 14.4 0.0 62.2



#30
 2-Butanone
 Concen: 13.264 ug/l
 RT: 4.68 min Scan# 578
 Delta R.T. 0.01 min
 Lab File: VX010984.D
 Acq: 19 Jul 2019 01:51

Tgt Ion: 43 Resp: 19672
 Ion Ratio Lower Upper
 43 100
 57 8.5 6.8 10.2
 72 14.0 23.2 34.8#

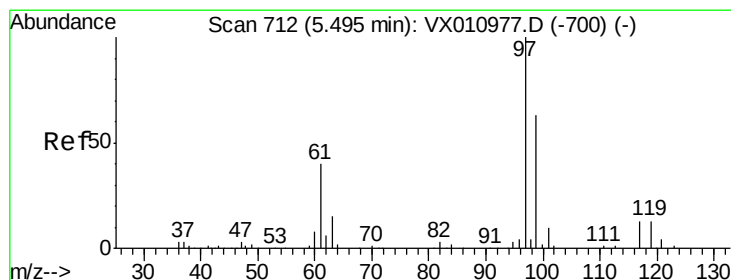
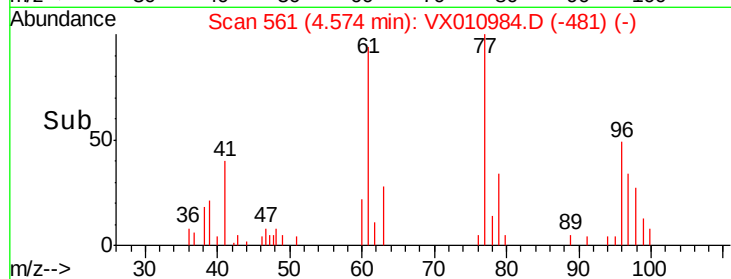
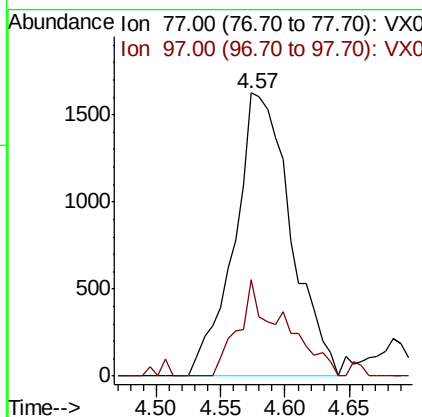
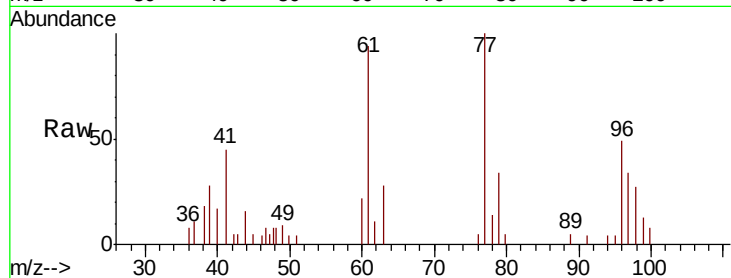




#31
 2,2-Dichloropropane
 Concen: 2.051 ug/l
 RT: 4.57 min Scan# 561
 Delta R.T. -0.01 min
 Lab File: VX010984.D
 Acq: 19 Jul 2019 01:51

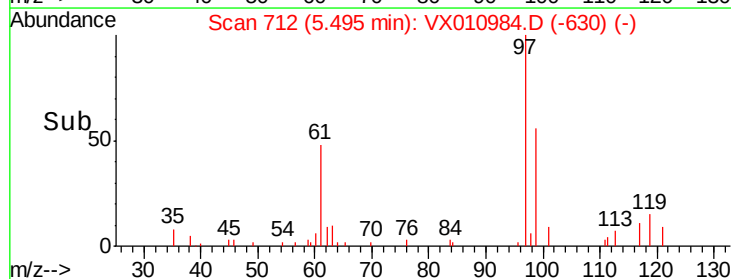
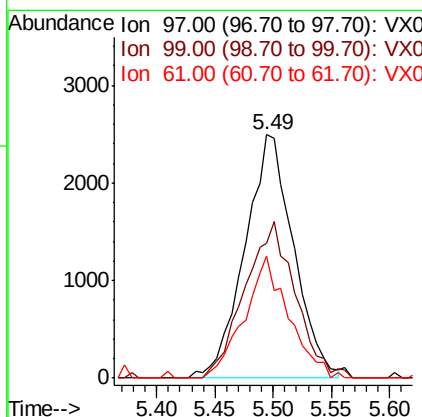
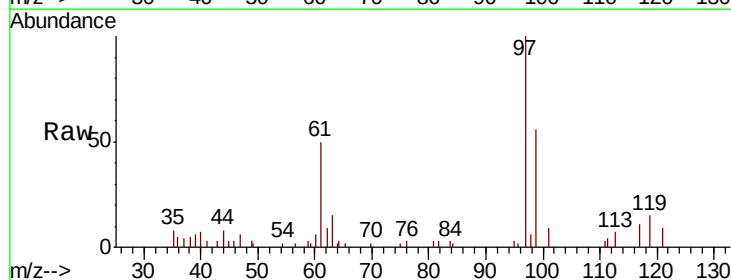
Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2019 DL

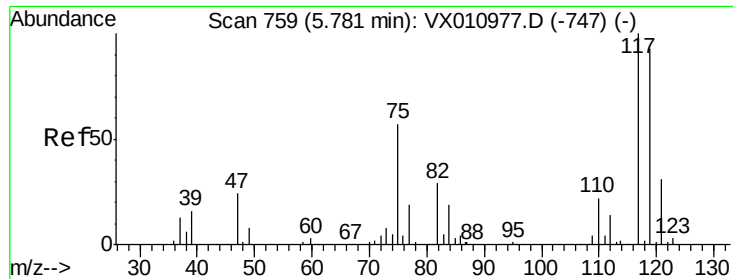
Tot Ion: 77 Resp: 4919
 Ion Ratio Lower Upper
 77 100
 97 5.0 20.9 31.3#



#32
 1,1,1-Trichloroethane
 Concen: 2.191 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.00 min
 Lab File: VX010984.D
 Acq: 19 Jul 2019 01:51

Tgt Ion: 97 Resp: 7261
 Ion Ratio Lower Upper
 97 100
 99 65.9 51.0 76.6
 61 45.4 34.3 51.5

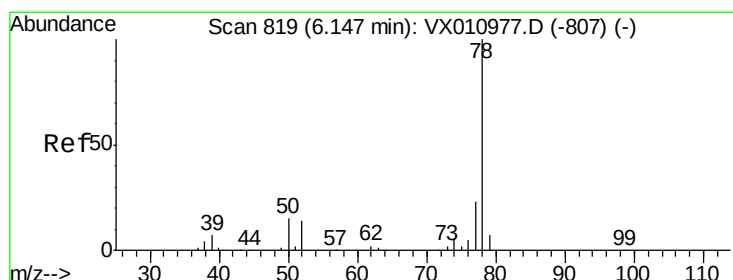
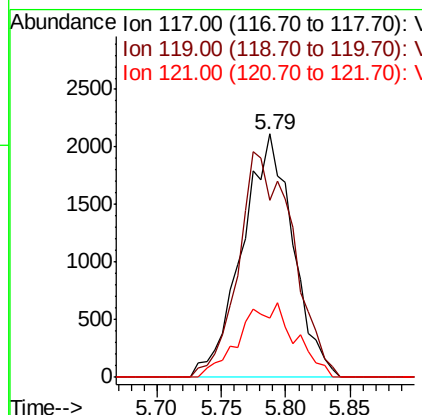
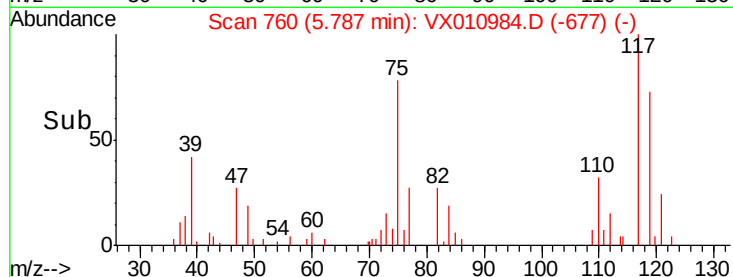
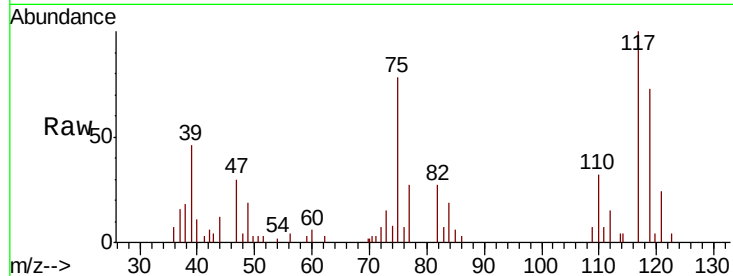




#33
Carbon Tetrachloride
Concen: 2.006 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX010984.D
Acq: 19 Jul 2019 01:51

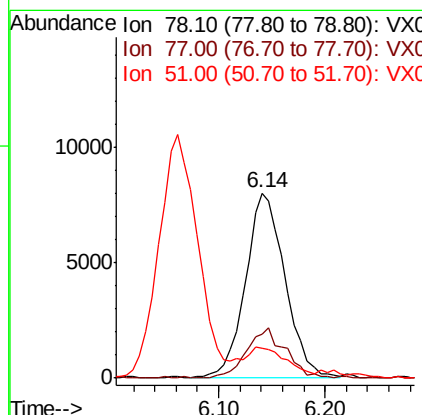
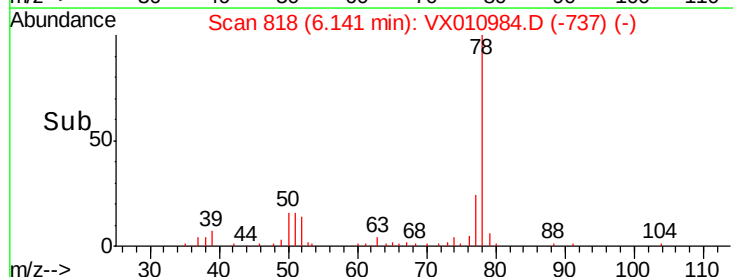
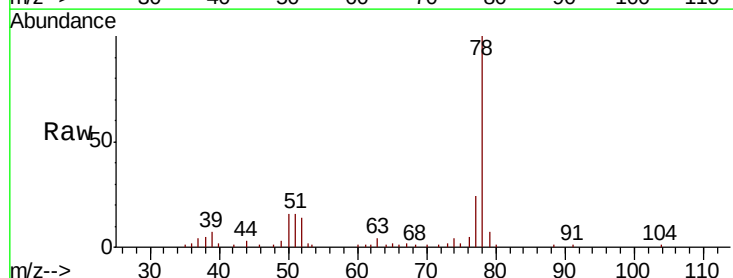
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019 DL

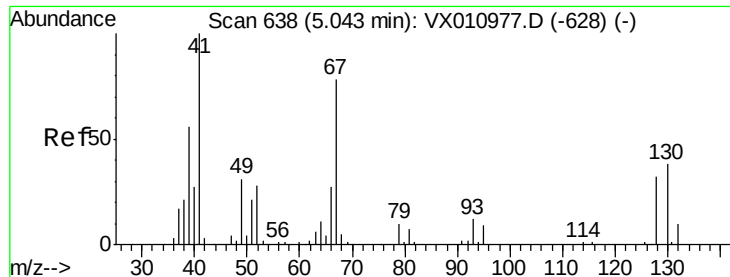
Tot Ion:117 Resp: 5779
Ion Ratio Lower Upper
117 100
119 76.4 74.3 111.5
121 24.3 24.9 37.3#



#34
Benzene
Concen: 2.536 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX010984.D
Acq: 19 Jul 2019 01:51

Tgt Ion: 78 Resp: 20901
Ion Ratio Lower Upper
78 100
77 23.6 18.2 27.4
51 13.8 11.4 17.2

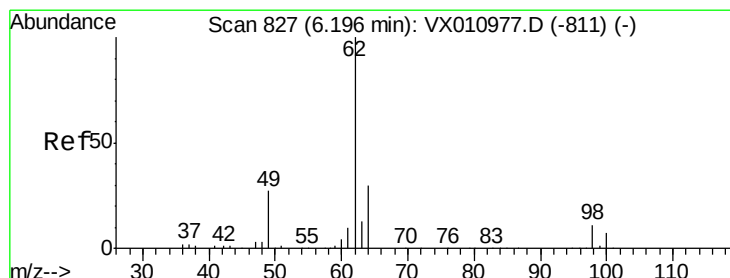
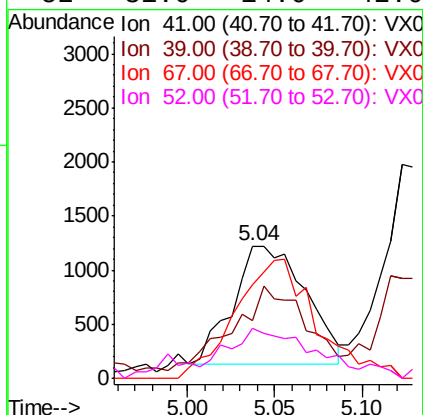
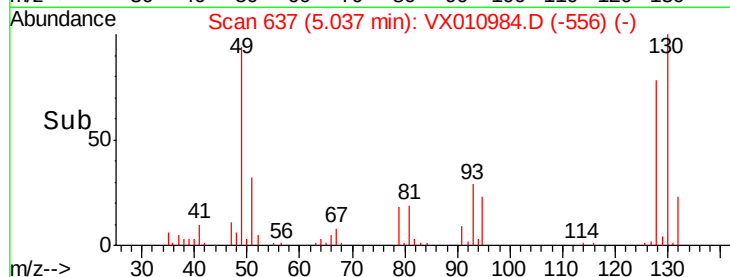
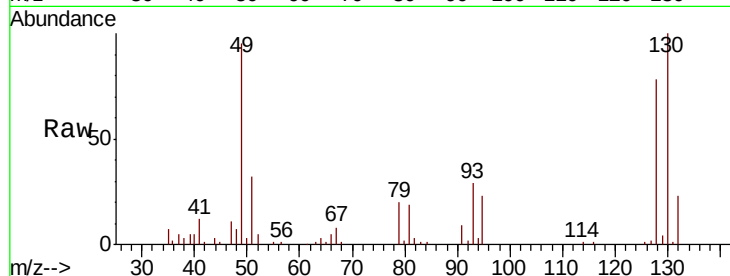




#35
Methacrylonitrile
Concen: 2.029 ug/l
RT: 5.04 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX010984.D
Acq: 19 Jul 2019 01:51

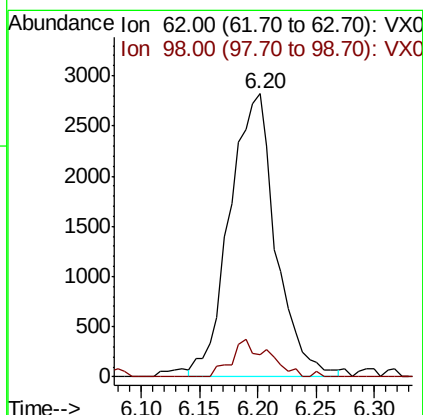
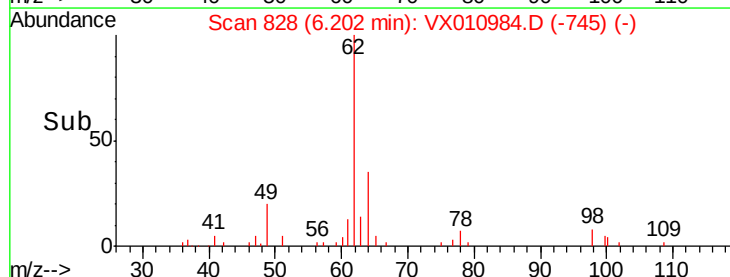
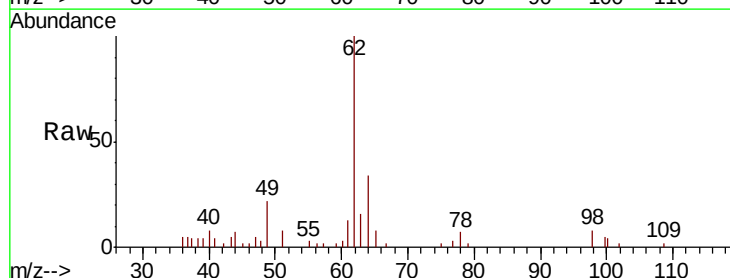
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019 DL

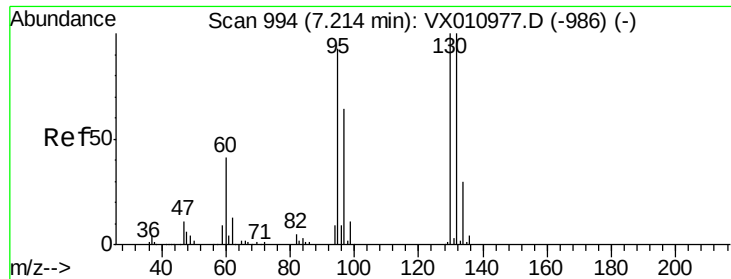
Tot Ion: 41 Resp: 3133
Ion Ratio Lower Upper
41 100
39 37.5 27.6 82.8
67 74.6 39.1 117.2
52 31.0 14.0 42.0



#36
1,2-Dichloroethane
Concen: 2.635 ug/l
RT: 6.20 min Scan# 828
Delta R.T. 0.01 min
Lab File: VX010984.D
Acq: 19 Jul 2019 01:51

Tgt Ion: 62 Resp: 7766
Ion Ratio Lower Upper
62 100
98 3.5 8.0 12.0#





#37

Trichloroethene

Concen: 2.503 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX010984.D

Acq: 19 Jul 2019 01:51

Instrument :

MSVOA_X

ClientSampleId :

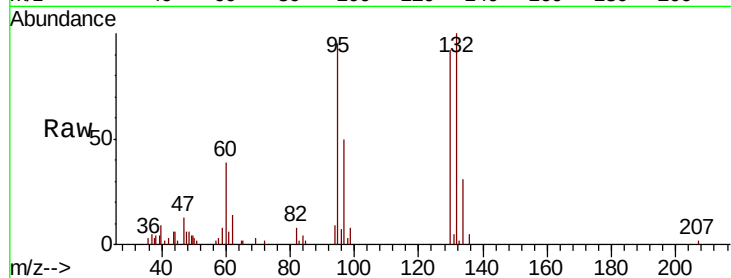
LOD-MDL-WATER-01-QT3-2019 DL

Tot Ion:130 Resp: 6039

Ion Ratio Lower Upper

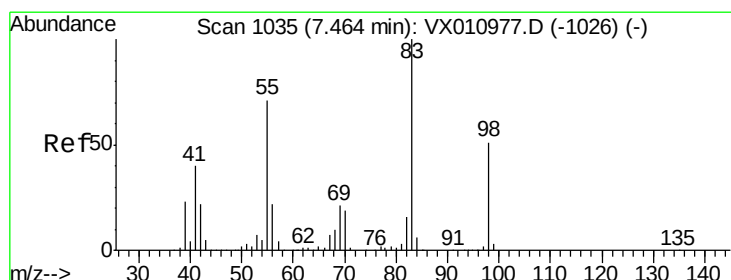
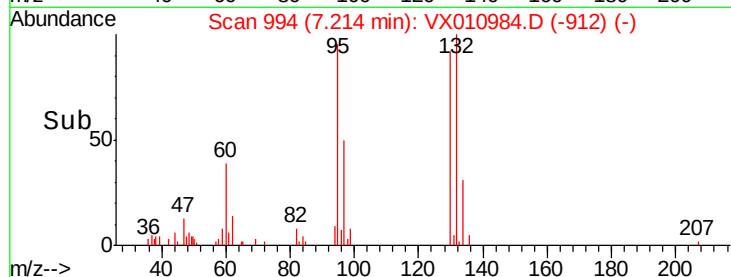
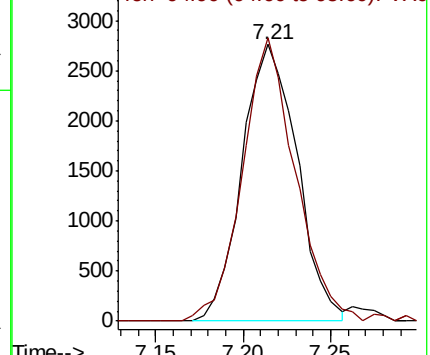
130 100

95 100.2 74.1 111.1



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0



#38

Methylcyclohexane

Concen: 2.209 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. -0.00 min

Lab File: VX010984.D

Acq: 19 Jul 2019 01:51

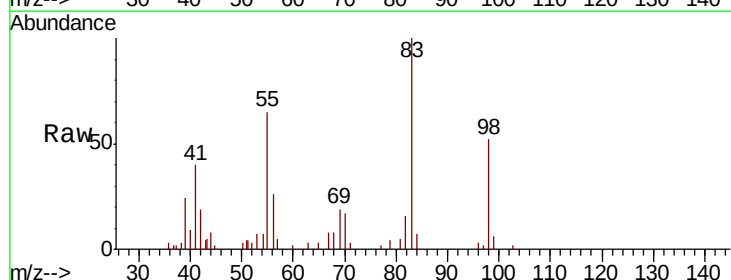
Tgt Ion: 83 Resp: 7659

Ion Ratio Lower Upper

83 100

55 73.4 35.3 105.9

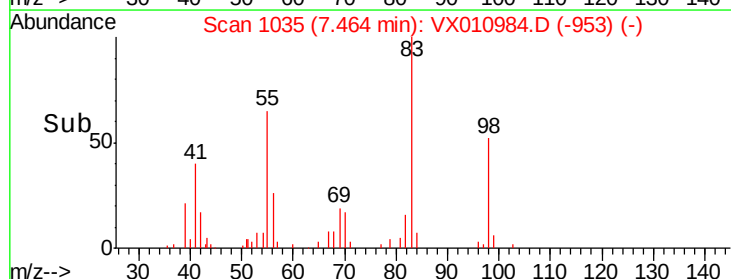
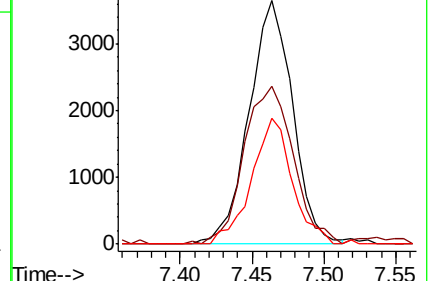
98 48.3 24.0 72.0

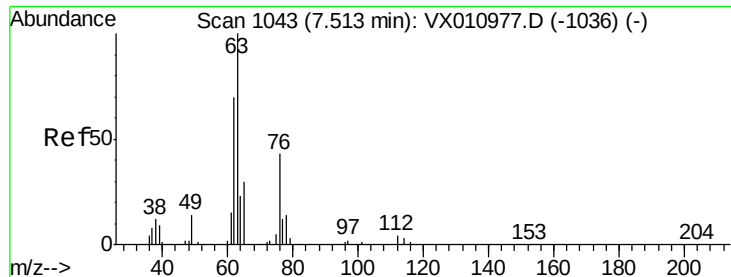


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

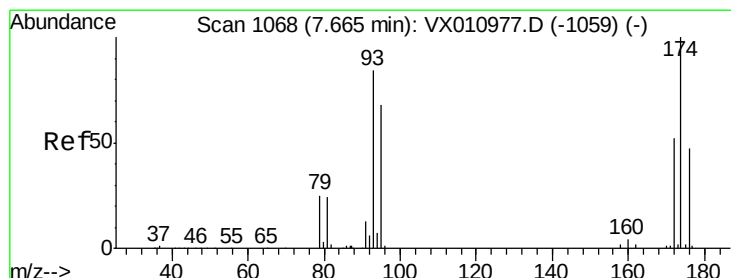
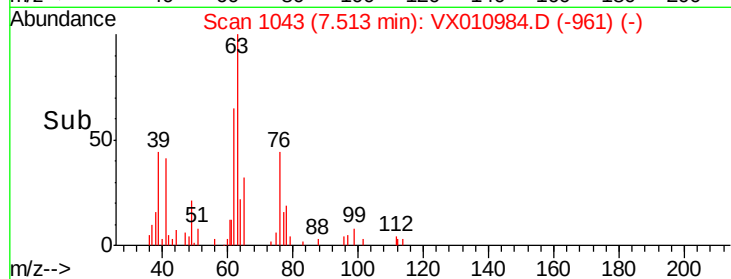
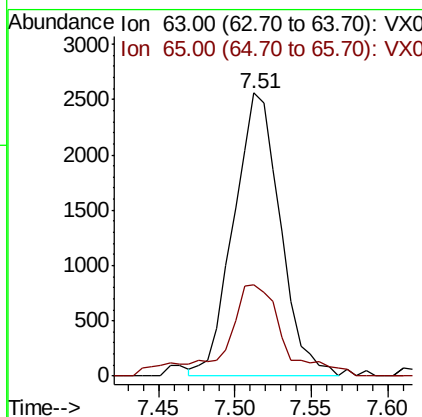
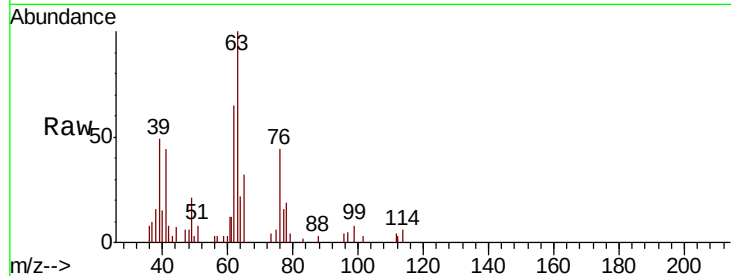




#39
 1,2-Dichloropropane
 Concen: 2.623 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX010984.D
 Acq: 19 Jul 2019 01:51

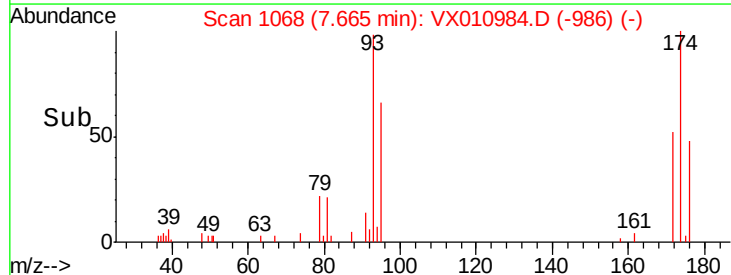
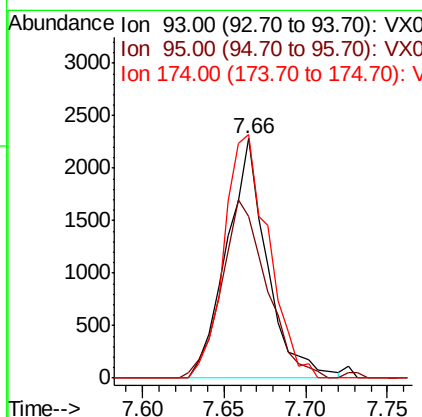
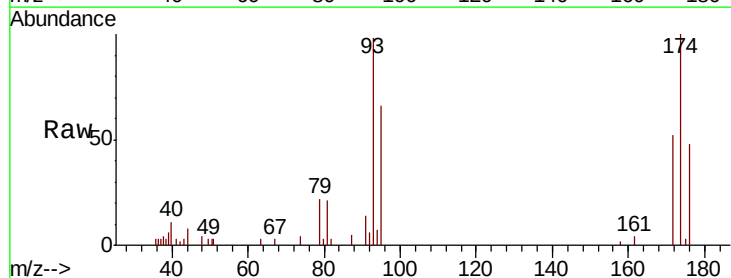
Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2019 DL

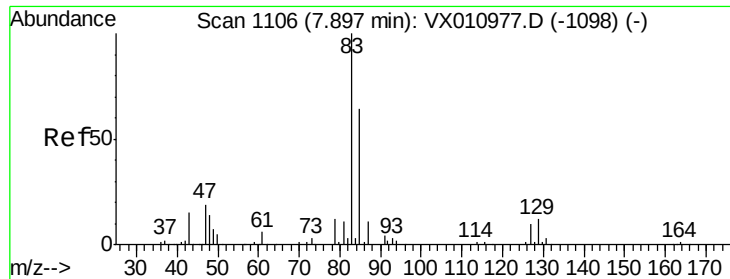
Tot Ion: 63 Resp: 5403
 Ion Ratio Lower Upper
 63 100
 65 29.4 25.6 38.4



#40
 Dibromomethane
 Concen: 2.590 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. -0.00 min
 Lab File: VX010984.D
 Acq: 19 Jul 2019 01:51

Tgt Ion: 93 Resp: 3924
 Ion Ratio Lower Upper
 93 100
 95 83.7 0.0 166.0
 174 111.3 0.0 229.2





#41

Bromodichloromethane

Concen: 2.218 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX010984.D

Acq: 19 Jul 2019 01:51

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2019 DL

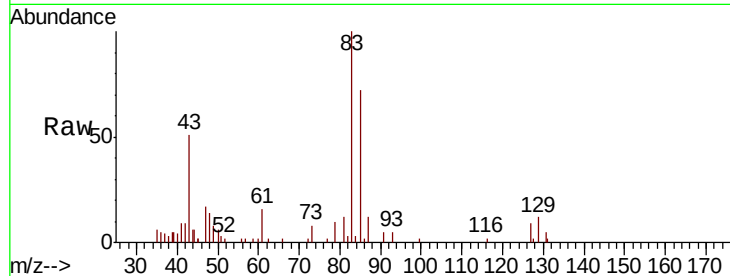
Tot Ion: 83 Resp: 6118

Ion Ratio Lower Upper

83 100

85 71.9 50.9 76.3

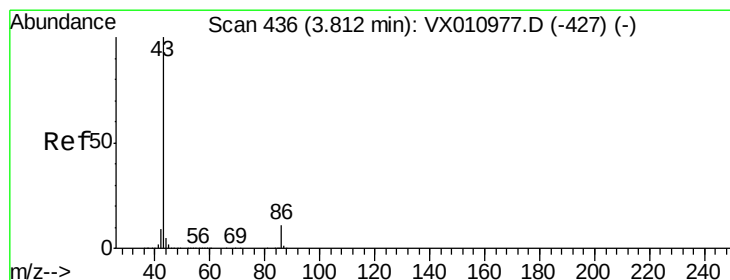
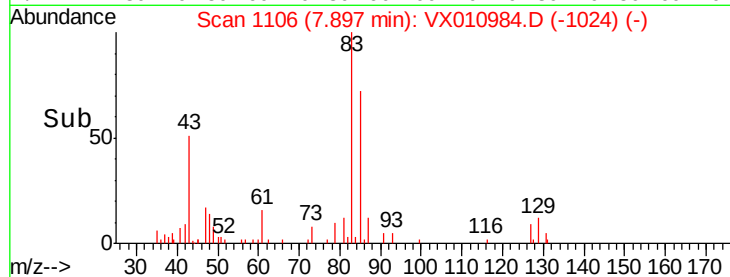
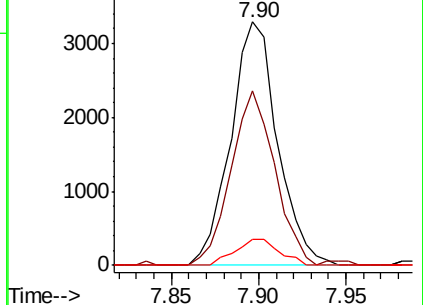
127 10.7 7.7 11.5



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 11.886 ug/l

RT: 3.82 min Scan# 437

Delta R.T. 0.01 min

Lab File: VX010984.D

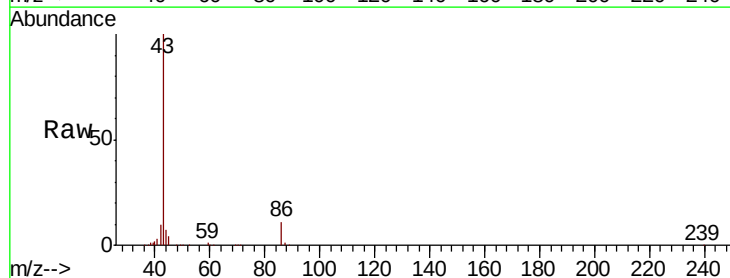
Acq: 19 Jul 2019 01:51

Tgt Ion: 43 Resp: 58077

Ion Ratio Lower Upper

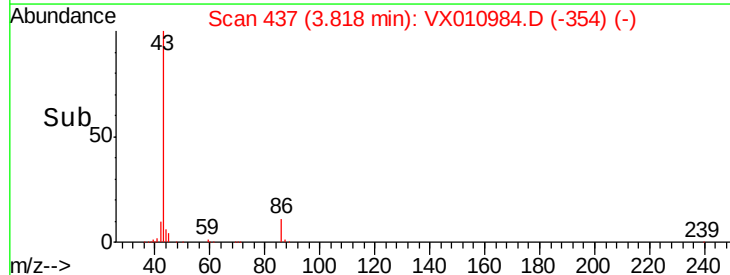
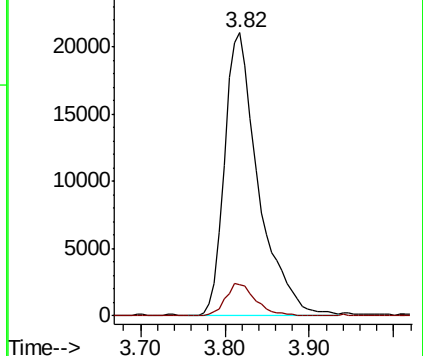
43 100

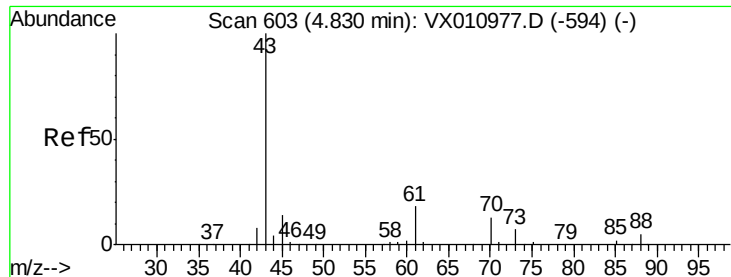
86 10.1 8.2 12.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0





#43

Ethyl Acetate

Concen: 2.189 ug/l

RT: 4.84 min Scan# 604

Delta R.T. 0.01 min

Lab File: VX010984.D

Acq: 19 Jul 2019 01:51

Instrument :

MSVOA_X

ClientSampleId :

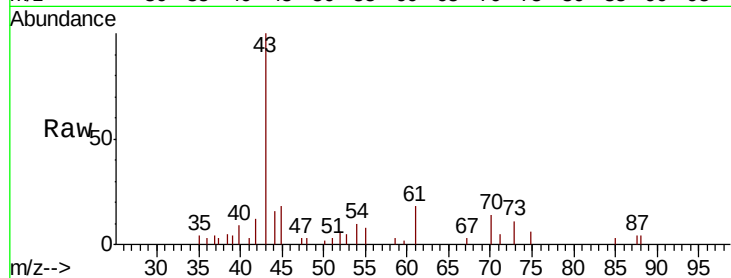
LOD-MDL-WATER-01-QT3-2019 DL

Tot Ion: 43 Resp: 6232

Ion Ratio Lower Upper

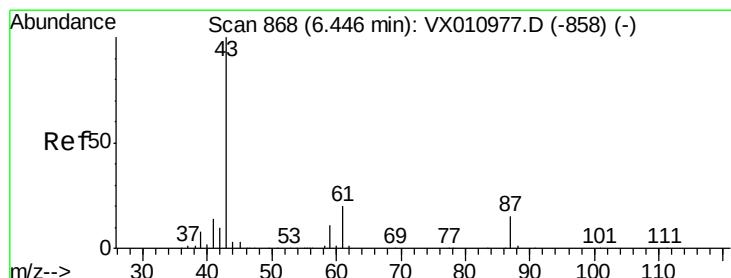
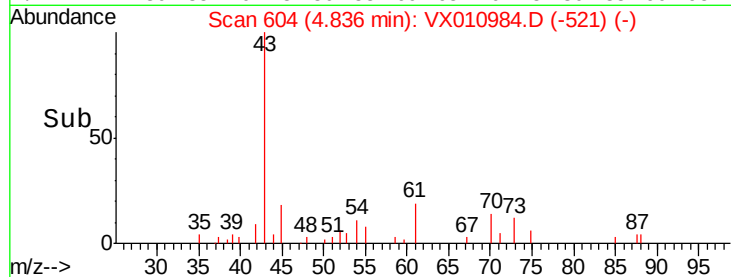
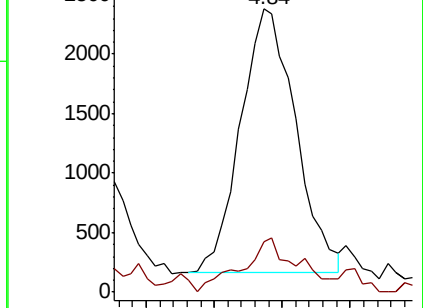
43 100

45 12.3 12.1 18.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 45.00 (44.70 to 45.70): VX0



#44

Isopropyl Acetate

Concen: 2.410 ug/l

RT: 6.45 min Scan# 869

Delta R.T. 0.01 min

Lab File: VX010984.D

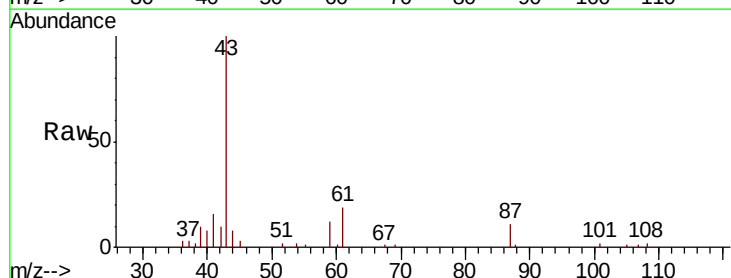
Acq: 19 Jul 2019 01:51

Tgt Ion: 43 Resp: 11174

Ion Ratio Lower Upper

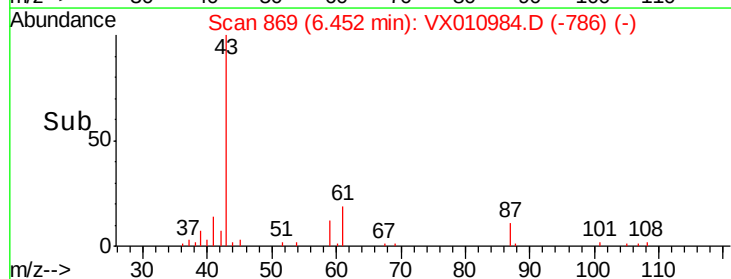
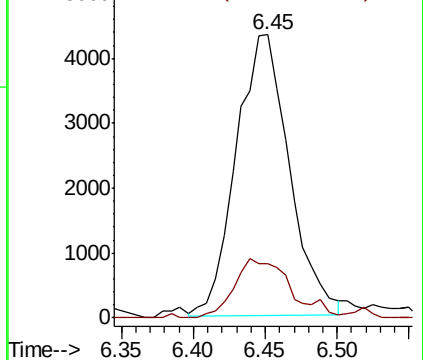
43 100

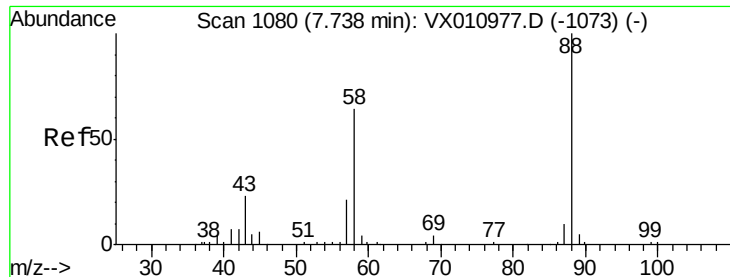
61 20.6 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#45

1,4-Dioxane

Concen: 56.897 ug/l

RT: 7.74 min Scan# 1081

Delta R.T. 0.01 min

Lab File: VX010984.D

Acq: 19 Jul 2019 01:51

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2019 DL

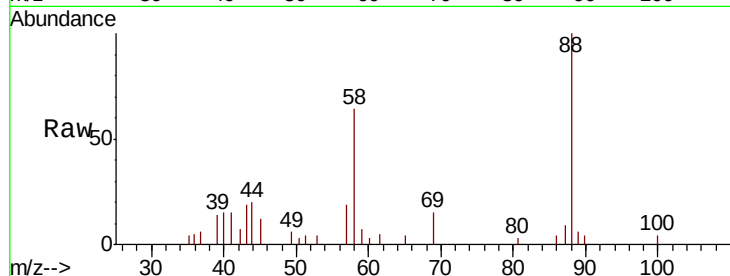
Tot Ion: 88 Resp: 3434

Ion Ratio Lower Upper

88 100

43 21.1 21.6 32.4#

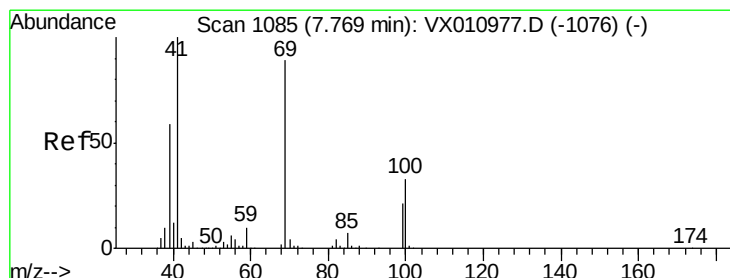
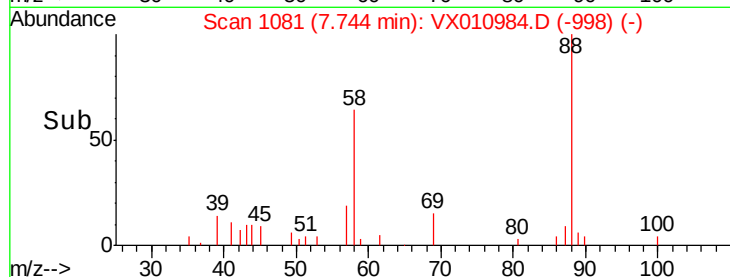
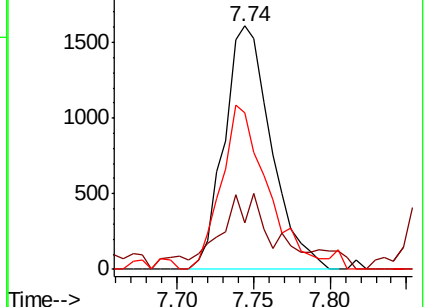
58 66.9 52.2 78.2



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



#46

Methyl methacrylate

Concen: 2.430 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX010984.D

Acq: 19 Jul 2019 01:51

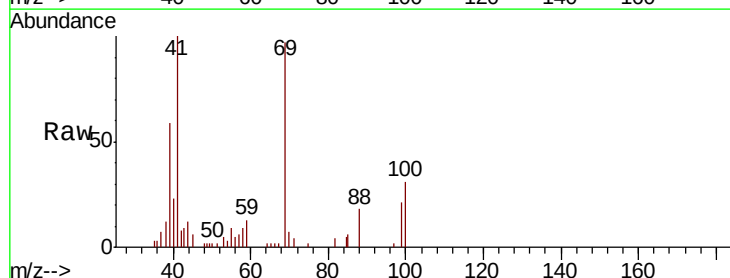
Tgt Ion: 41 Resp: 5470

Ion Ratio Lower Upper

41 100

69 97.1 44.7 134.1

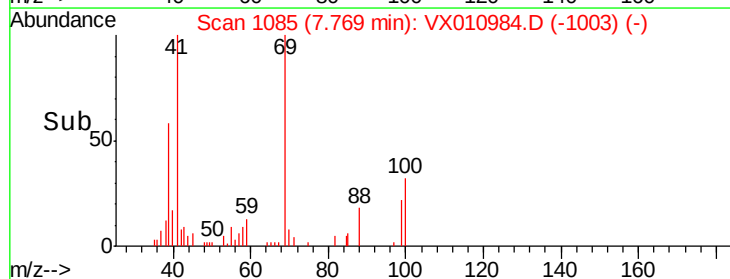
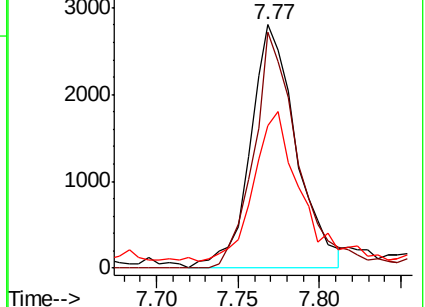
39 54.4 29.4 88.2

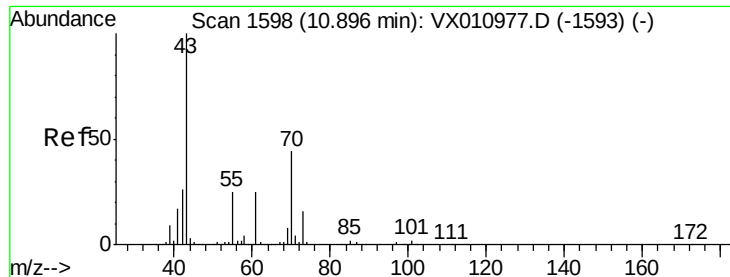


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#47

n-amvl Acetate

Concen: 1.902 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX010984.D

Acq: 19 Jul 2019 01:51

Instrument :

MSVOA_X

ClientSampleId :

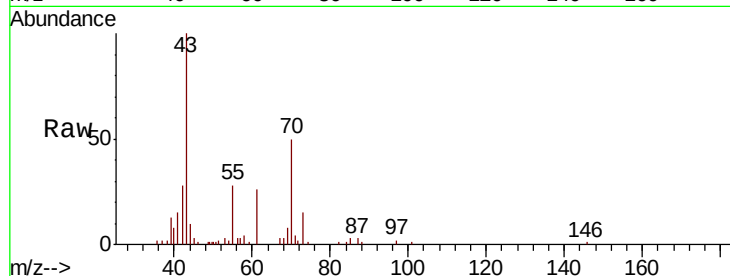
LOD-MDL-WATER-01-QT3-2019 DL

Tot Ion: 43 Resp: 7911

Ion Ratio Lower Upper

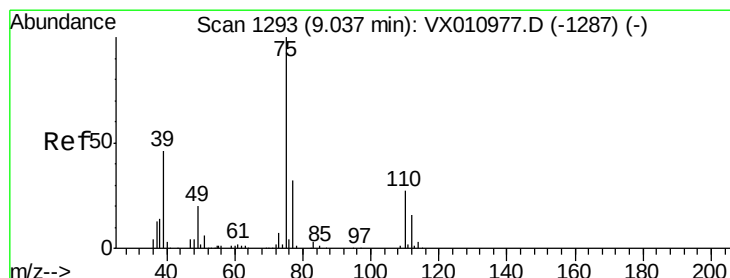
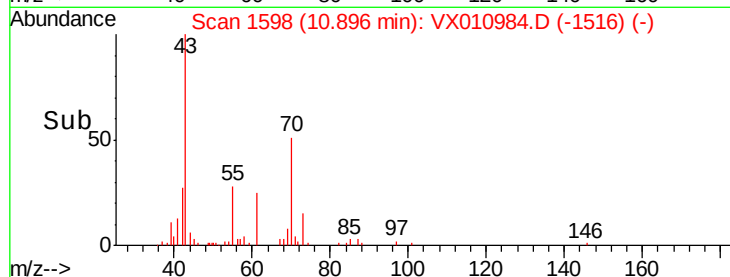
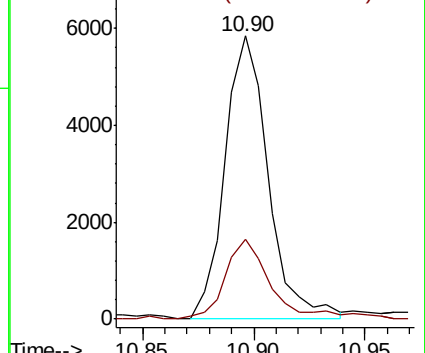
43 100

55 27.4 19.6 29.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#48

t-1,3-Dichloropropene

Concen: 1.887 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.01 min

Lab File: VX010984.D

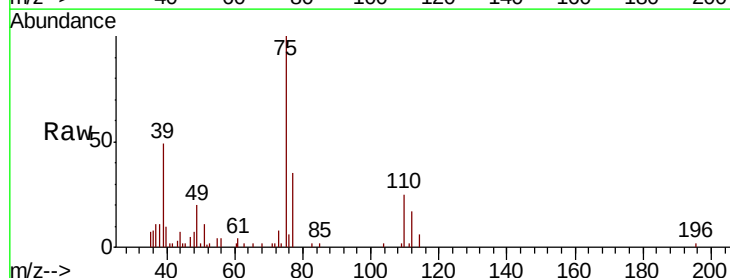
Acq: 19 Jul 2019 01:51

Tgt Ion: 75 Resp: 5485

Ion Ratio Lower Upper

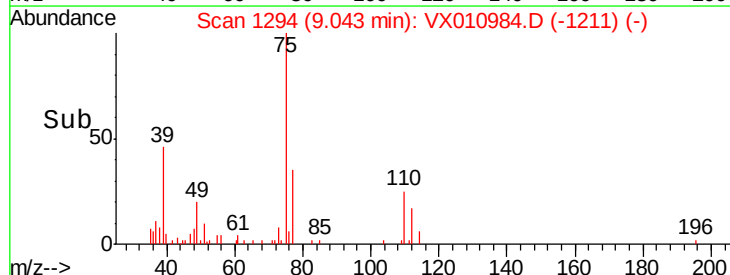
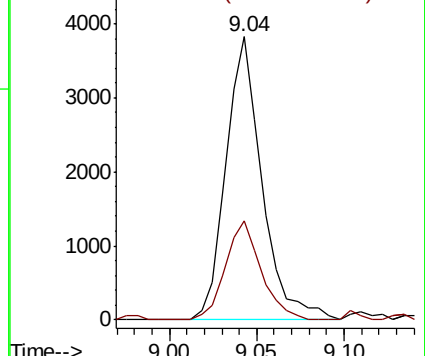
75 100

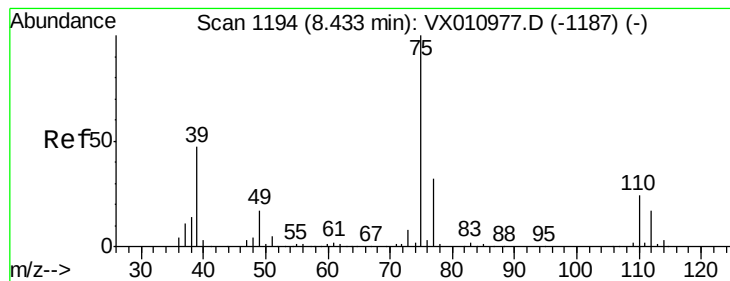
77 34.9 25.7 38.5



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



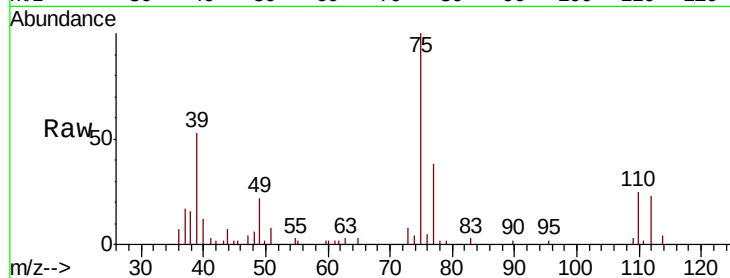


#49

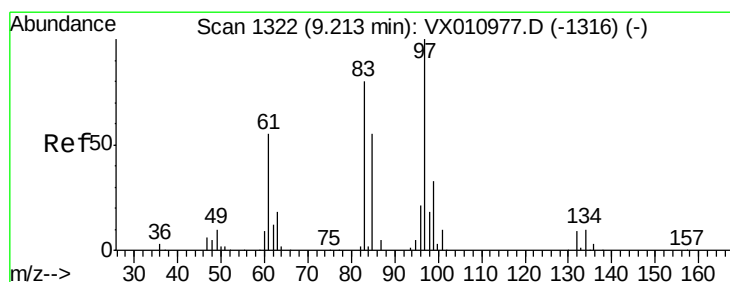
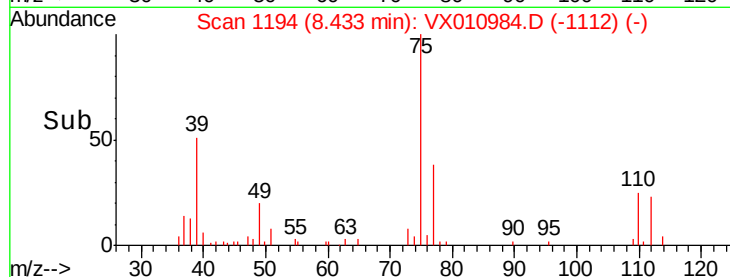
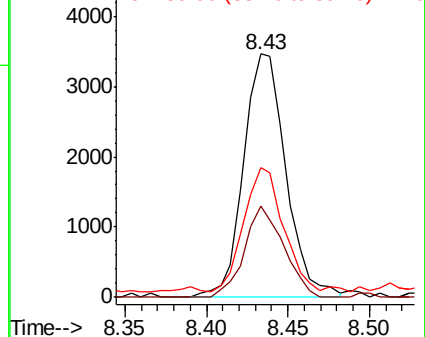
cis-1,3-Dichloropropene
Concen: 1.972 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX010984.D
Acq: 19 Jul 2019 01:51

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

Tot Ion: 75 Resp: 6255
Ion Ratio Lower Upper
75 100
77 37.5 25.3 37.9
39 49.4 37.8 56.6



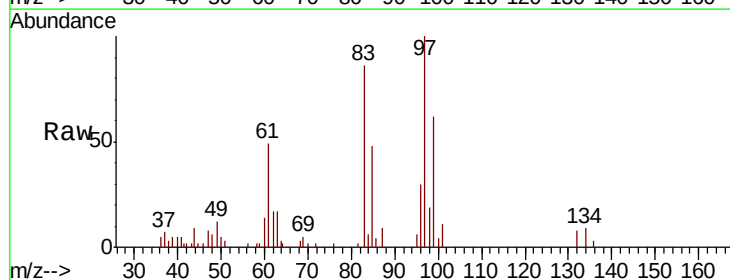
Abundance Ion 75.00 (74.70 to 75.70): VX0
Ion 77.00 (76.70 to 77.70): VX0
Ion 39.00 (38.70 to 39.70): VX0



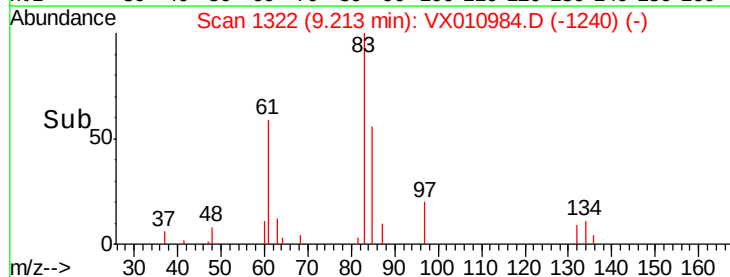
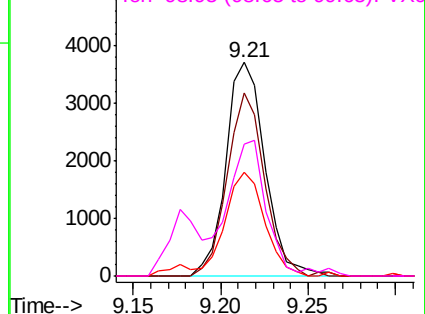
#50

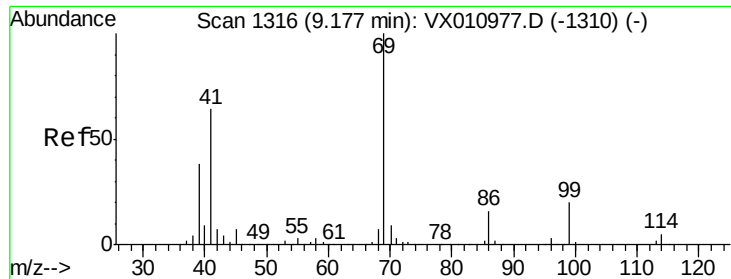
1,1,2-Trichloroethane
Concen: 2.599 ug/l
RT: 9.21 min Scan# 1322
Delta R.T. -0.00 min
Lab File: VX010984.D
Acq: 19 Jul 2019 01:51

Tgt Ion: 97 Resp: 5763
Ion Ratio Lower Upper
97 100
83 86.0 63.9 95.9
85 48.3 43.4 65.2
99 60.1 50.9 76.3



Abundance Ion 97.00 (96.70 to 97.70): VX0
Ion 82.95 (82.65 to 83.65): VX0
Ion 84.95 (84.65 to 85.65): VX0
Ion 98.95 (98.65 to 99.65): VX0





#51

Ethyl methacrylate

Concen: 2.176 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX010984.D

Acq: 19 Jul 2019 01:51

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2019 DL

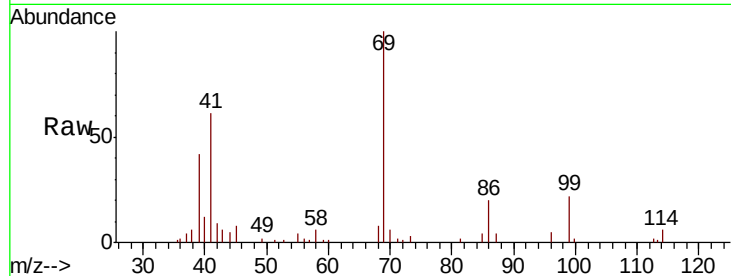
Tot Ion: 69 Resp: 7464

Ion Ratio Lower Upper

69 100

41 59.2 32.1 96.3

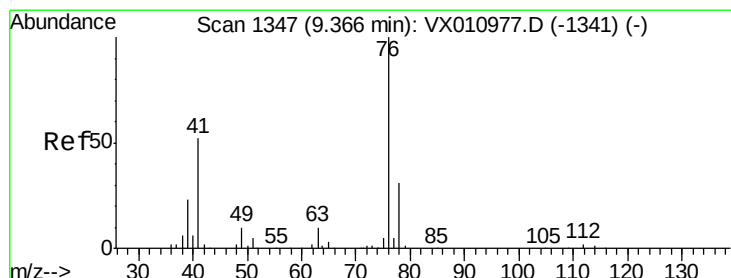
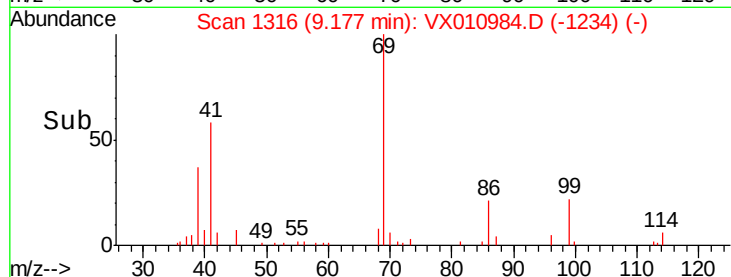
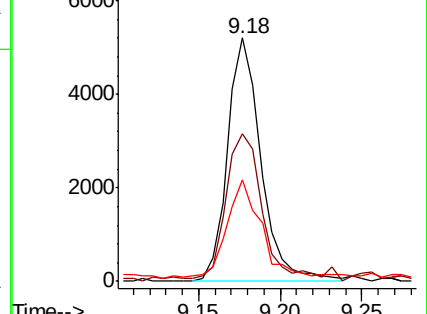
39 39.8 19.1 57.3



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#52

1,3-Dichloropropane

Concen: 2.546 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.01 min

Lab File: VX010984.D

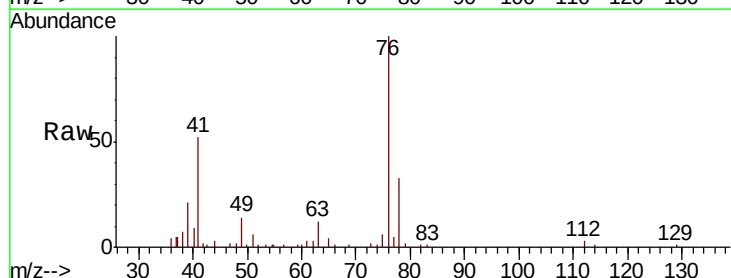
Acq: 19 Jul 2019 01:51

Tgt Ion: 76 Resp: 9073

Ion Ratio Lower Upper

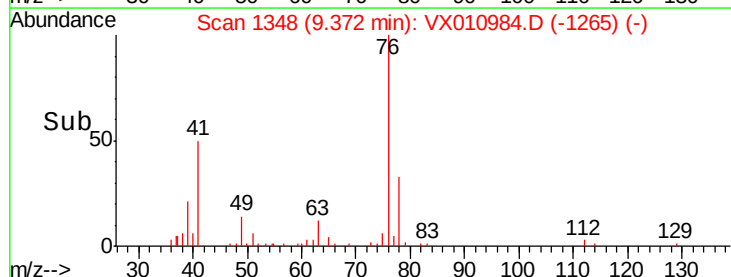
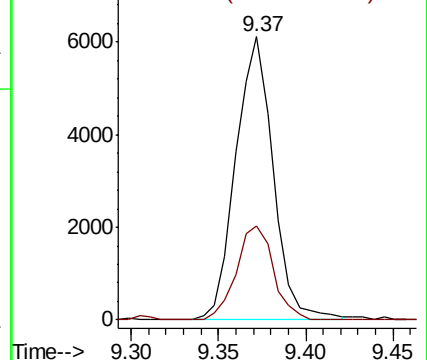
76 100

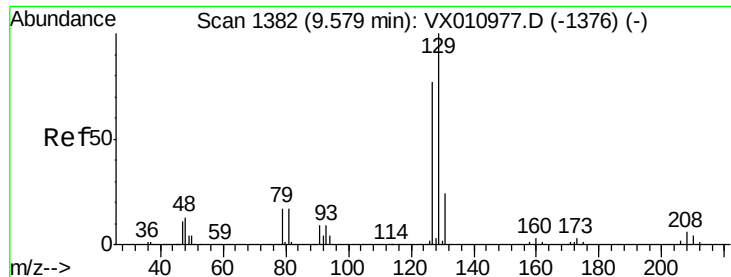
78 33.0 0.0 63.8



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 1.818 ug/l

RT: 9.59 min Scan# 1383

Delta R.T. 0.01 min

Lab File: VX010984.D

Acq: 19 Jul 2019 01:51

Instrument :

MSVOA_X

ClientSampleId :

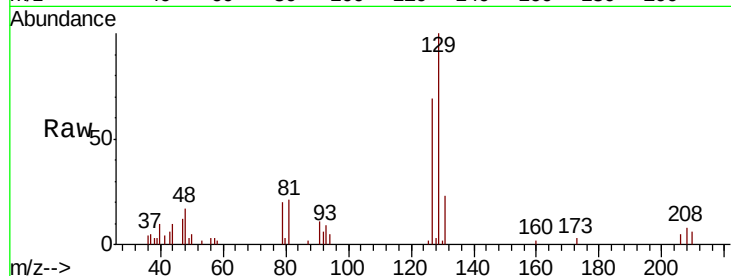
LOD-MDL-WATER-01-QT3-2019 DL

Tot Ion:129 Resp: 4354

Ion Ratio Lower Upper

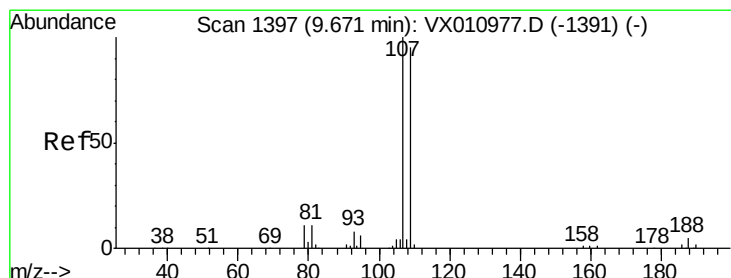
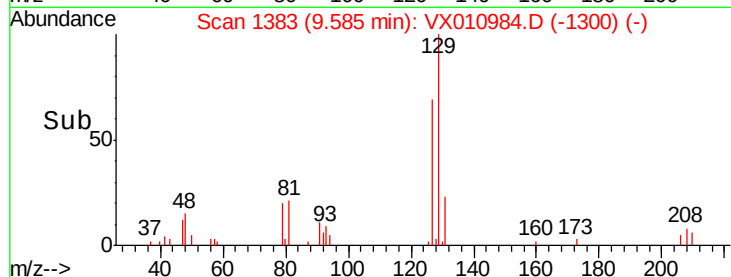
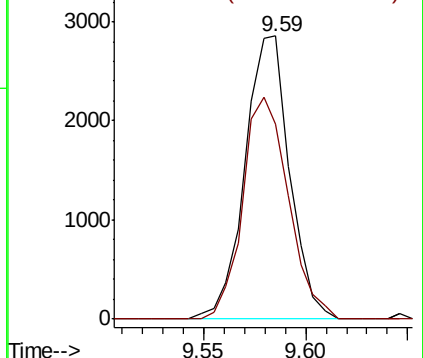
129 100

127 80.4 38.1 114.3



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 2.383 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX010984.D

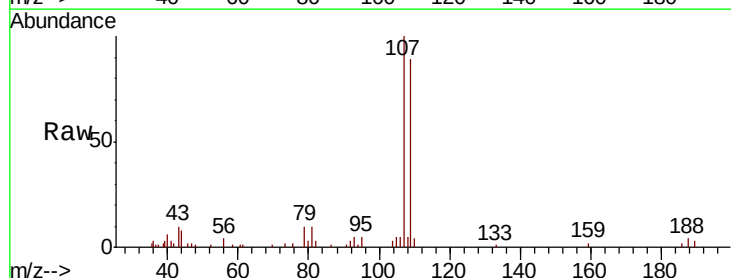
Acq: 19 Jul 2019 01:51

Tgt Ion:107 Resp: 5743

Ion Ratio Lower Upper

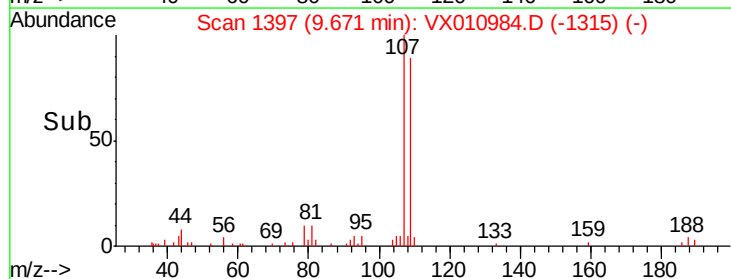
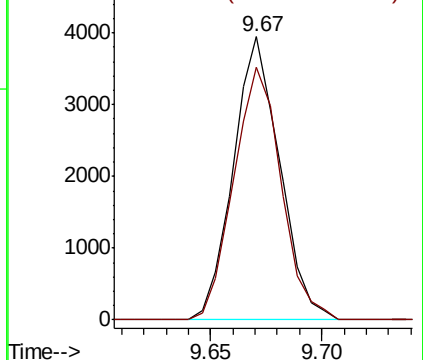
107 100

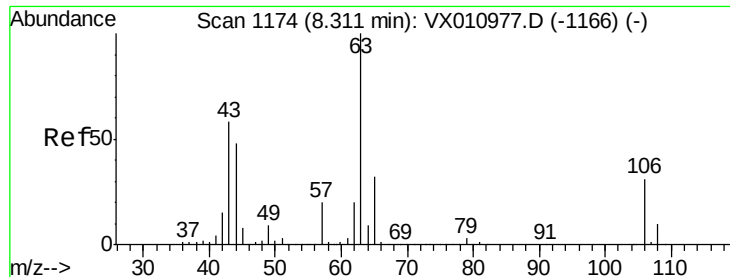
109 91.2 77.1 115.7



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

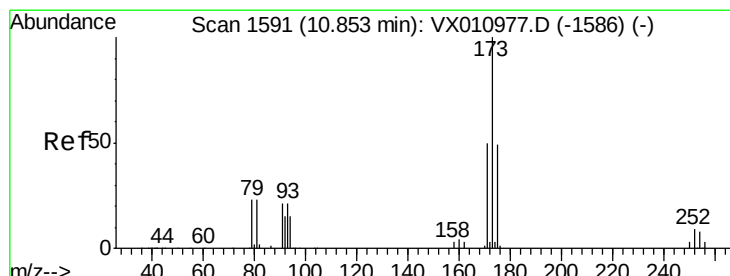
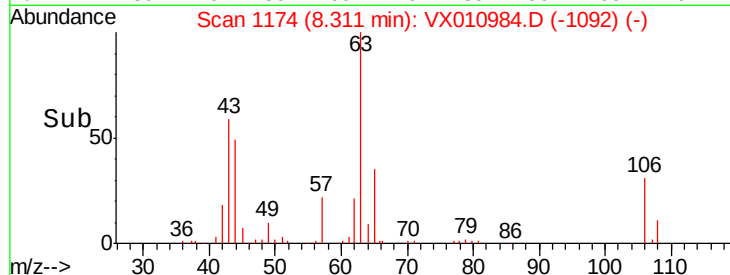
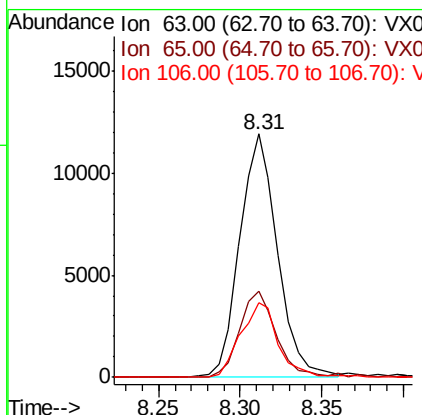
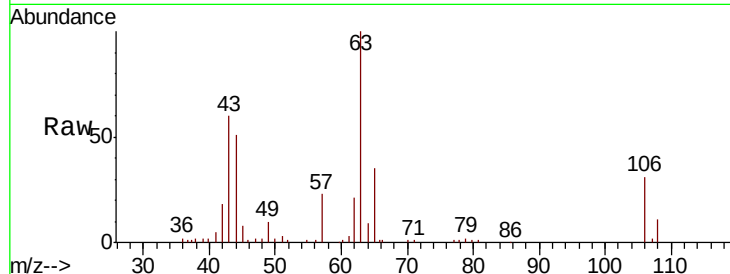




#55
2-Chloroethyl vinyl ether
Concen: 13.210 ug/l
RT: 8.31 min Scan# 1174
Delta R.T. -0.00 min
Lab File: VX010984.D
Acq: 19 Jul 2019 01:51

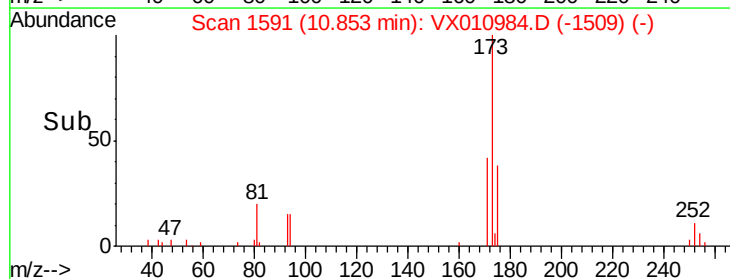
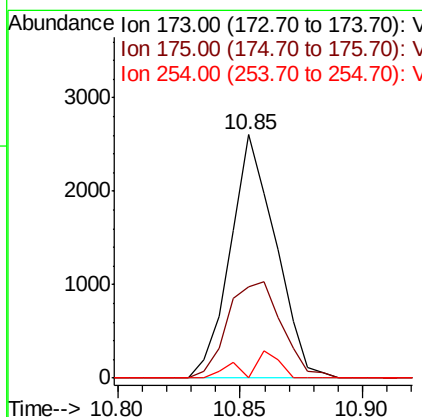
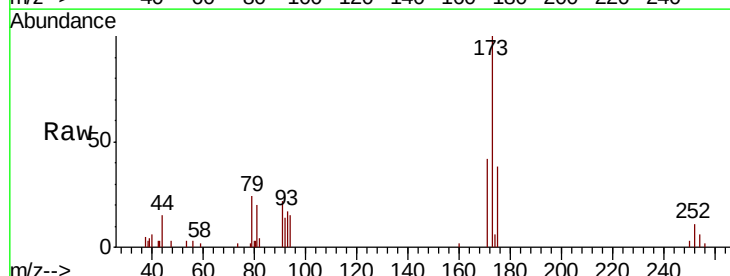
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019 DL

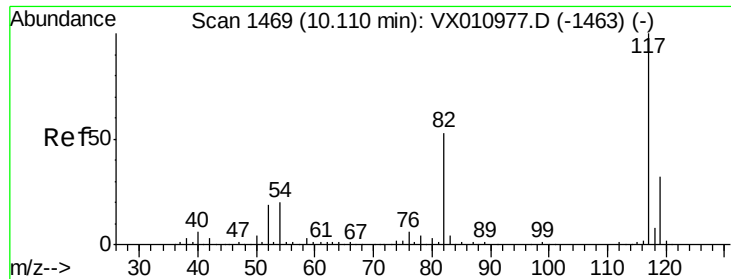
Tot Ion: 63 Resp: 19185
Ion Ratio Lower Upper
63 100
65 33.9 25.7 38.5
106 30.6 24.8 37.2



#56
Bromoform
Concen: 1.882 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. -0.00 min
Lab File: VX010984.D
Acq: 19 Jul 2019 01:51

Tgt Ion: 173 Resp: 3357
Ion Ratio Lower Upper
173 100
175 47.5 39.0 58.6
254 5.3 7.9 11.9#

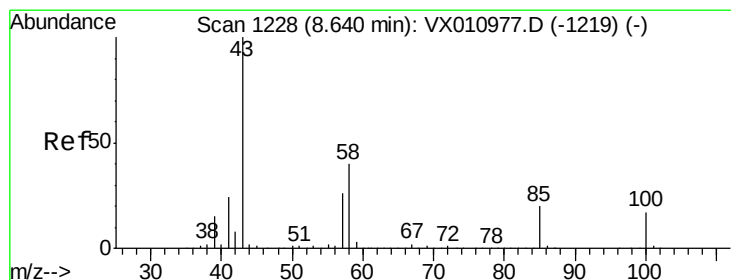
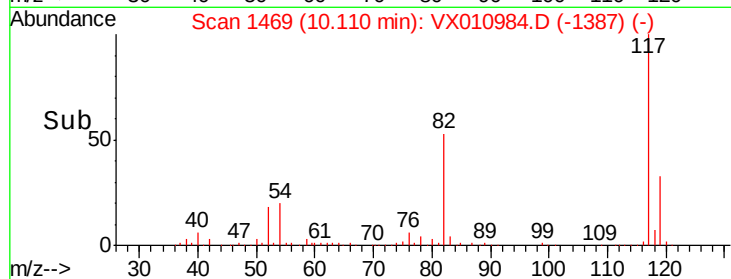
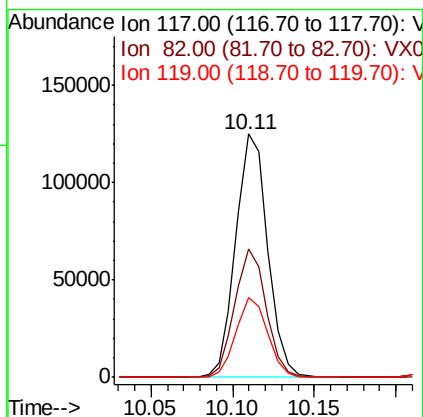
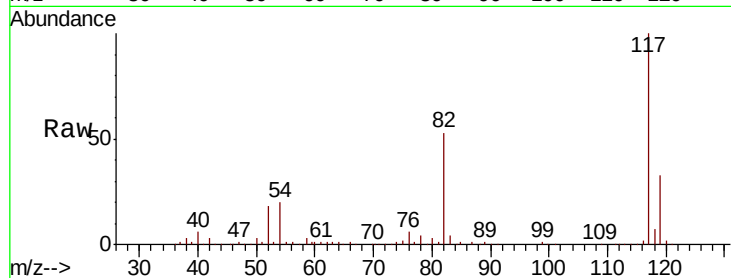




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010984.D
Acq: 19 Jul 2019 01:51

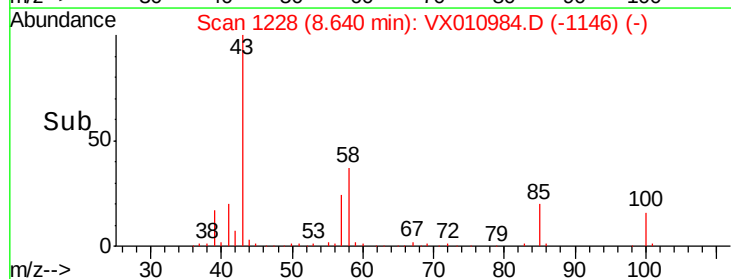
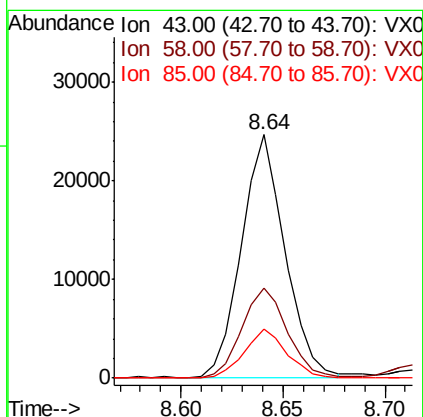
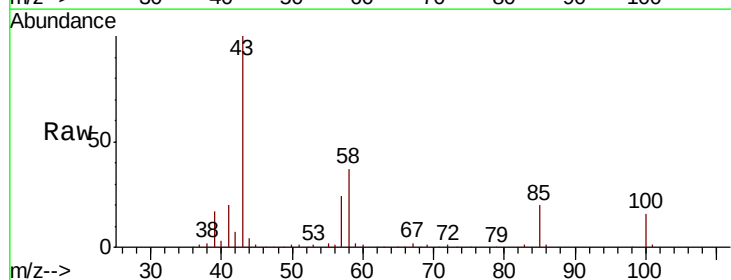
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019 DL

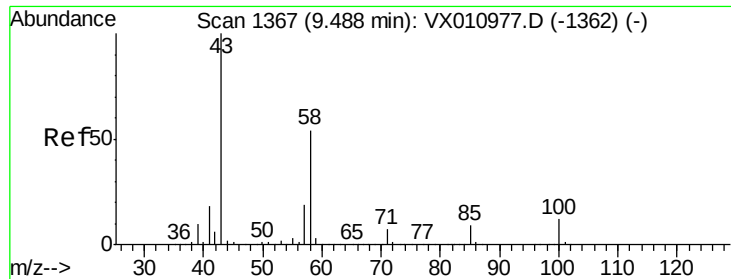
Tot Ion:117 Resp: 170667
Ion Ratio Lower Upper
117 100
82 51.8 41.6 62.4
119 32.4 26.0 39.0



#58
4-Methyl-2-Pentanone
Concen: 12.615 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VX010984.D
Acq: 19 Jul 2019 01:51

Tgt Ion: 43 Resp: 36359
Ion Ratio Lower Upper
43 100
58 39.4 32.6 48.8
85 20.1 15.8 23.6

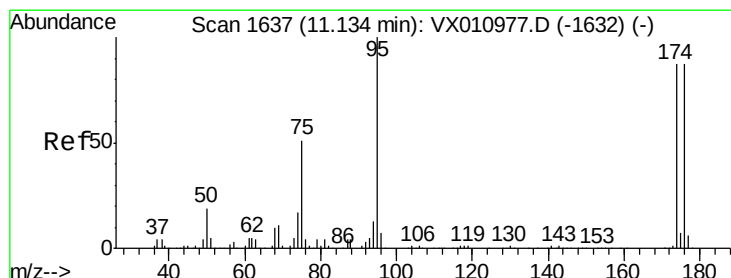
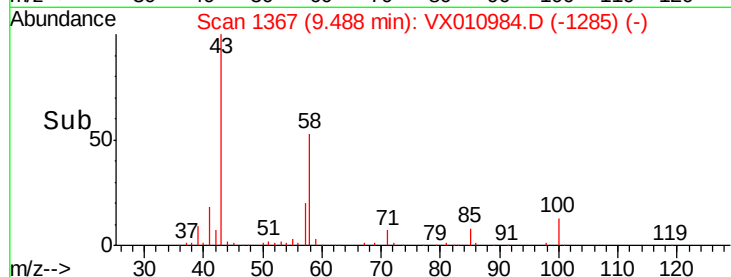
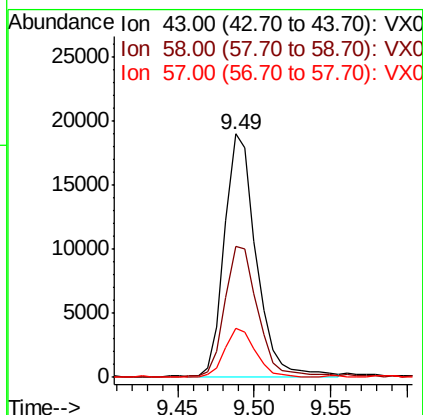
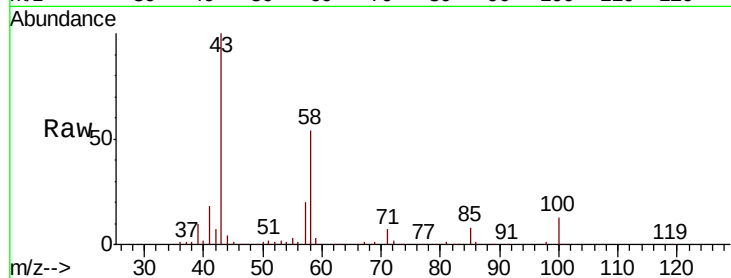




#59
2-Hexanone
Concen: 12.520 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX010984.D
Acq: 19 Jul 2019 01:51

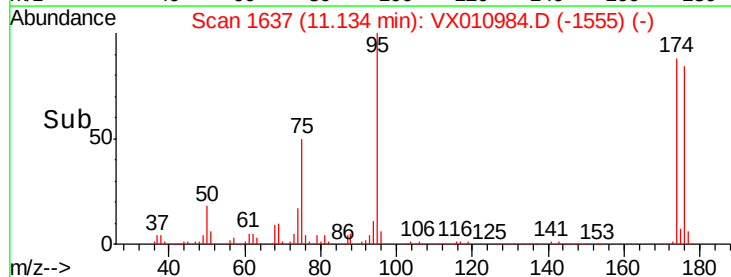
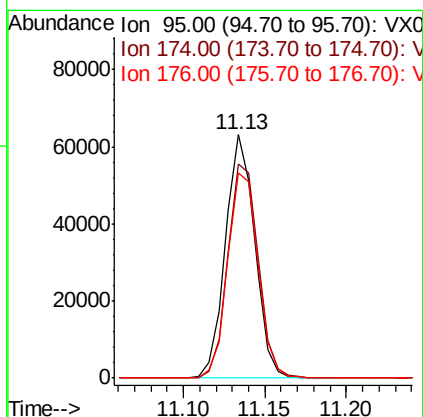
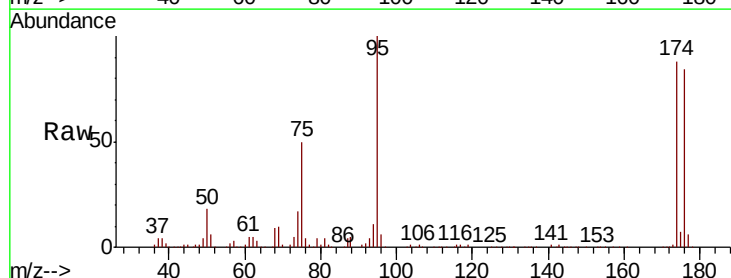
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019 DL

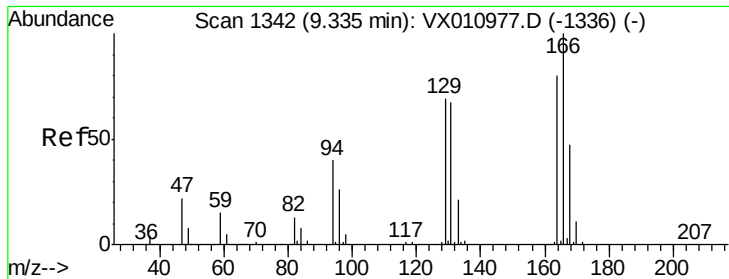
Tot Ion: 43 Resp: 27614
Ion Ratio Lower Upper
43 100
58 55.0 44.7 67.1
57 19.5 15.4 23.2



#60
4-Bromofluorobenzene
Concen: 28.113 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX010984.D
Acq: 19 Jul 2019 01:51

Tgt Ion: 95 Resp: 78970
Ion Ratio Lower Upper
95 100
174 91.2 73.3 109.9
176 87.5 71.2 106.8





#61

Tetrachloroethene

Concen: 2.673 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX010984.D

Acq: 19 Jul 2019 01:51

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2019 DL

Tot Ion:164 Resp: 6023

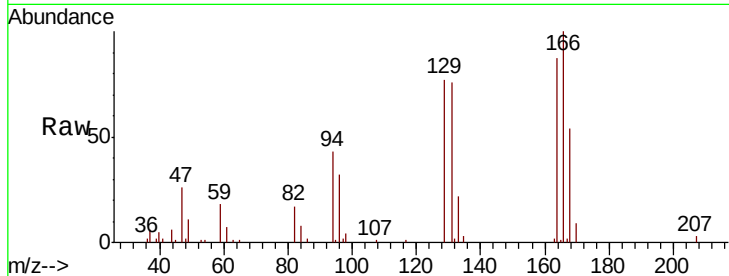
Ion Ratio Lower Upper

164 100

166 114.6 100.1 150.1

129 86.7 69.6 104.4

131 87.1 67.0 100.6

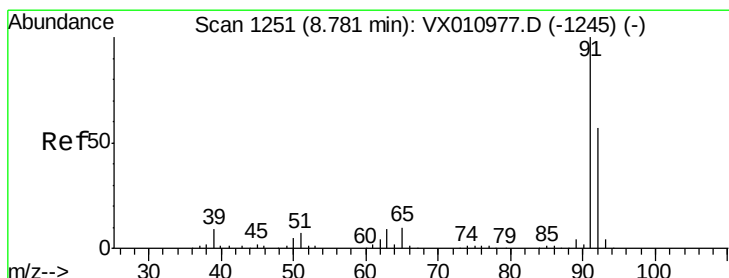
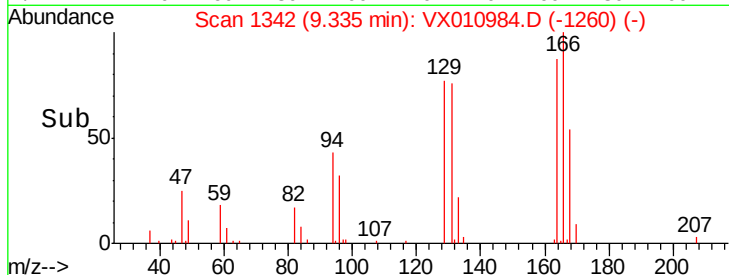
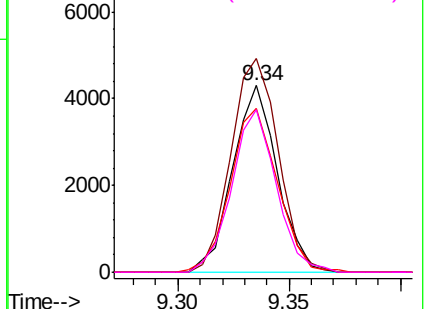


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 2.499 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.01 min

Lab File: VX010984.D

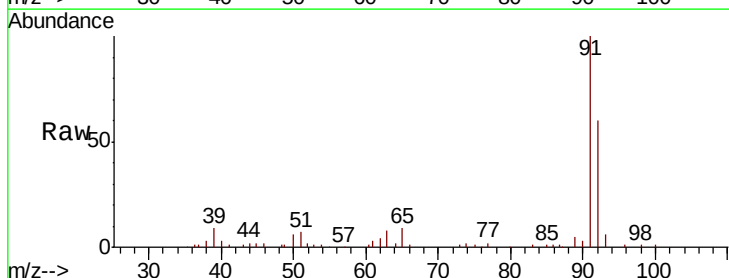
Acq: 19 Jul 2019 01:51

Tgt Ion: 91 Resp: 22661

Ion Ratio Lower Upper

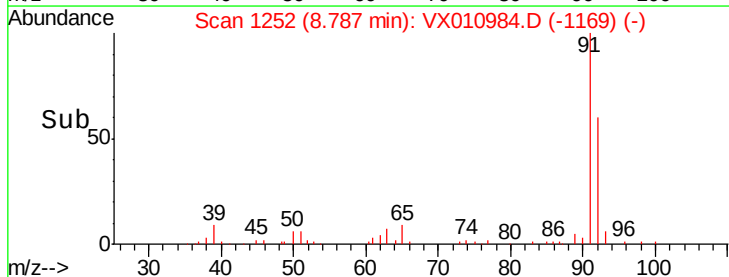
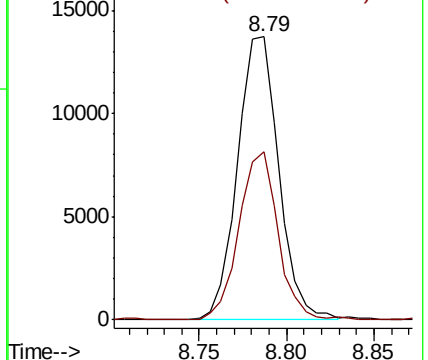
91 100

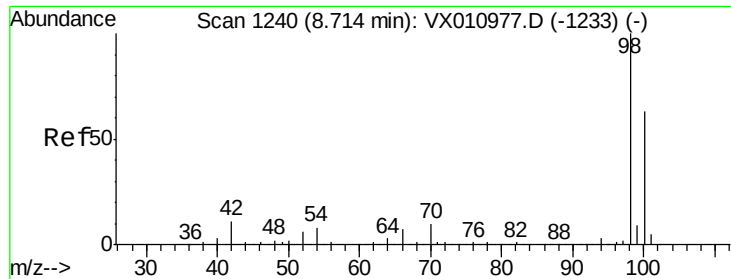
92 56.0 45.4 68.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

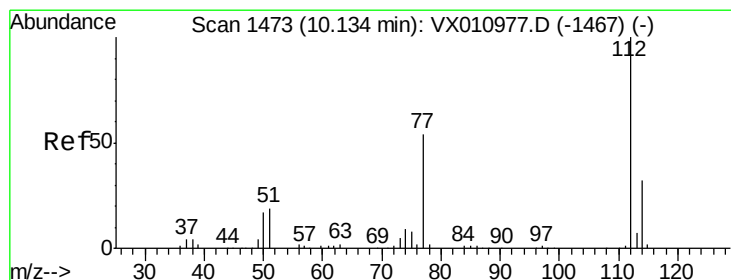
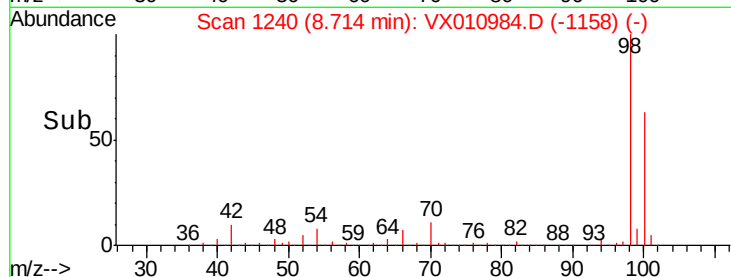
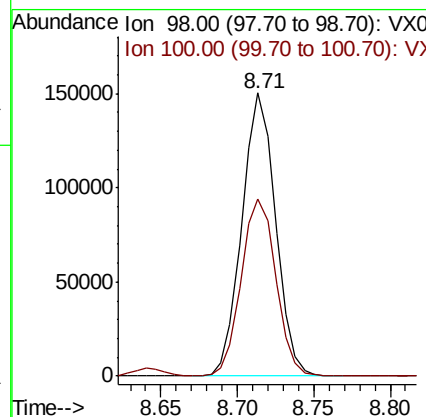
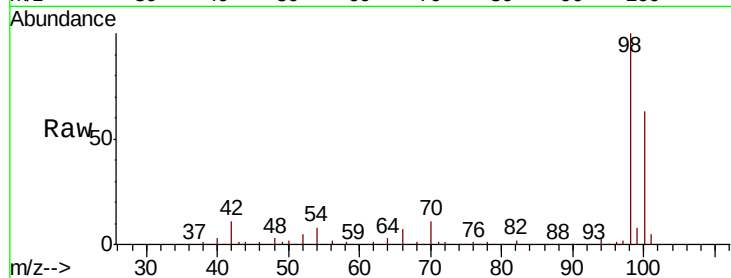




#63
Toluene-d8
Concen: 30.610 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX010984.D
Acq: 19 Jul 2019 01:51

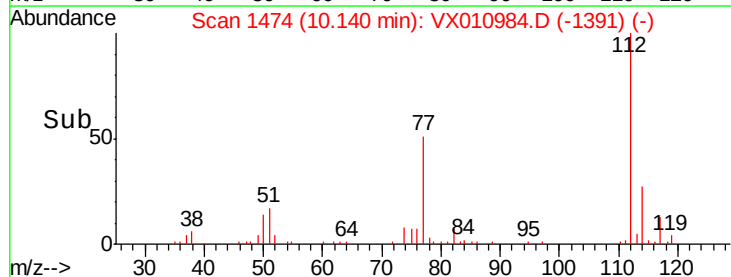
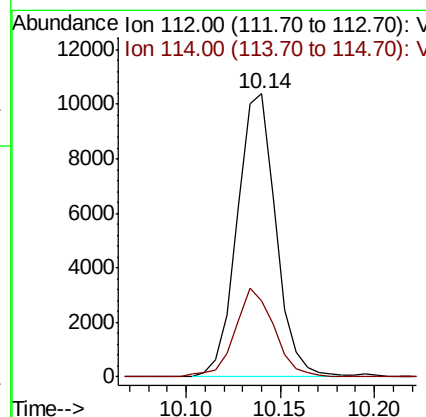
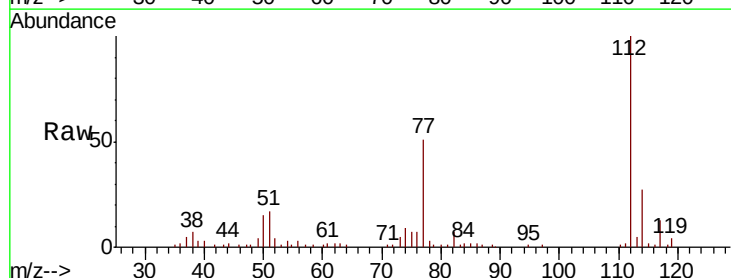
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019 DL

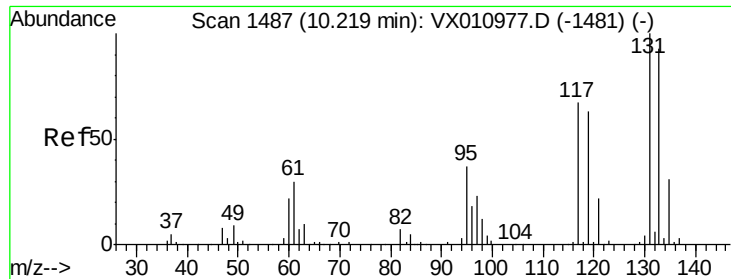
Tot Ion: 98 Resp: 229623
Ion Ratio Lower Upper
98 100
100 64.5 51.4 77.0



#64
Chlorobenzene
Concen: 2.547 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX010984.D
Acq: 19 Jul 2019 01:51

Tgt Ion: 112 Resp: 14797
Ion Ratio Lower Upper
112 100
114 27.0 25.3 37.9





#65

1,1,1,2-Tetrachloroethane

Concen: 2.205 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX010984.D

Acq: 19 Jul 2019 01:51

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2019 DL

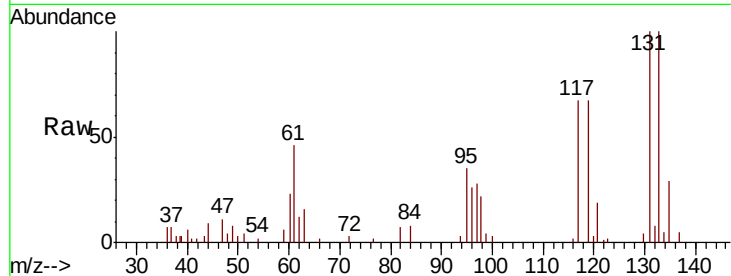
Tot Ion:131 Resp: 4656

Ion Ratio Lower Upper

131 100

133 93.7 0.0 190.2

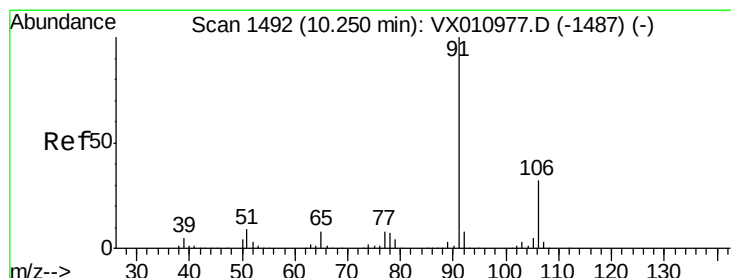
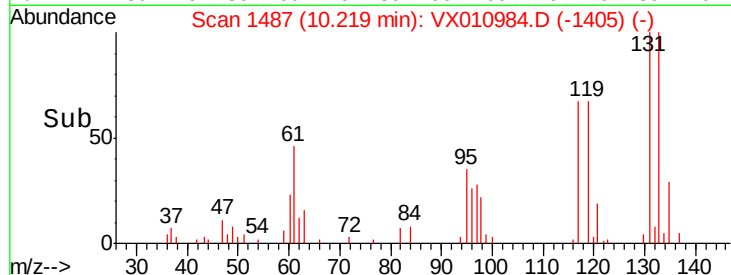
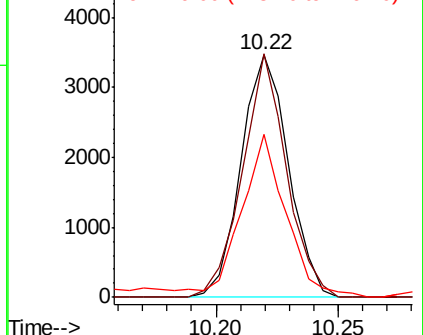
119 62.7 0.0 127.0



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 2.291 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX010984.D

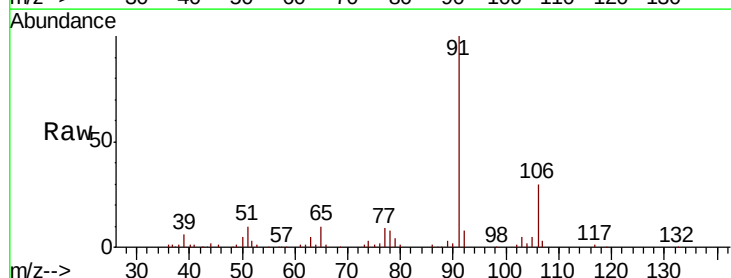
Acq: 19 Jul 2019 01:51

Tgt Ion: 91 Resp: 23382

Ion Ratio Lower Upper

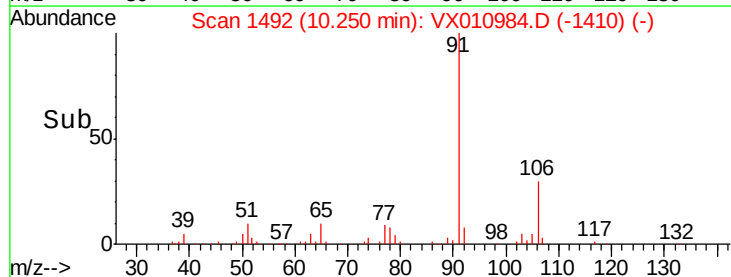
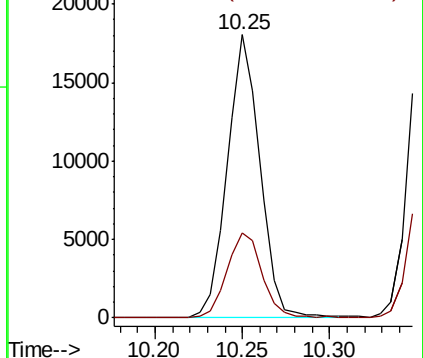
91 100

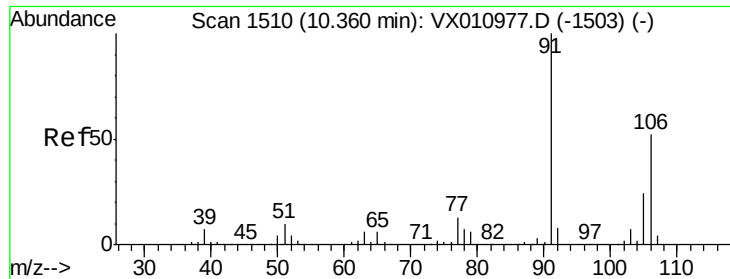
106 30.2 25.8 38.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





#67

m/p-Xylenes

Concen: 4.615 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX010984.D

Acq: 19 Jul 2019 01:51

Instrument :

MSVOA_X

ClientSampleId :

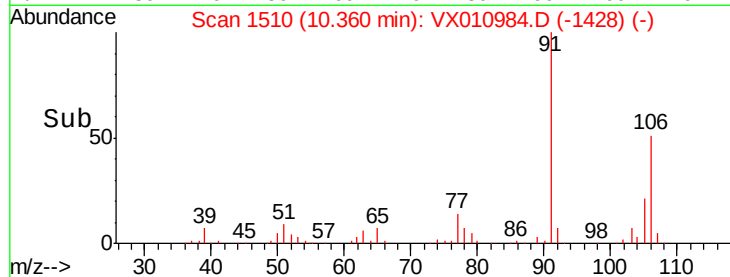
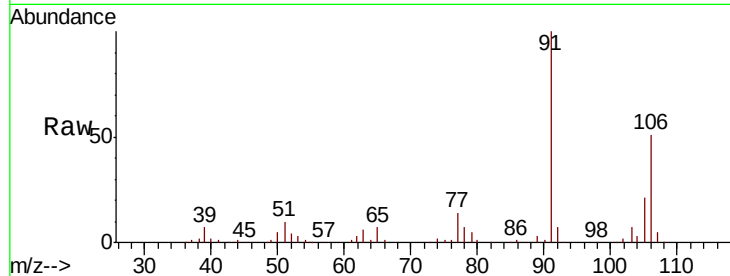
LOD-MDL-WATER-01-QT3-2019 DL

Tot Ion:106 Resp: 18021

Ion Ratio Lower Upper

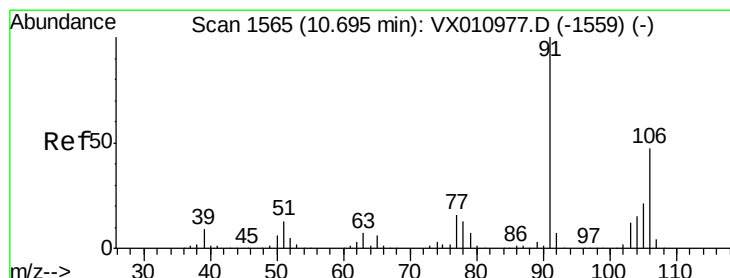
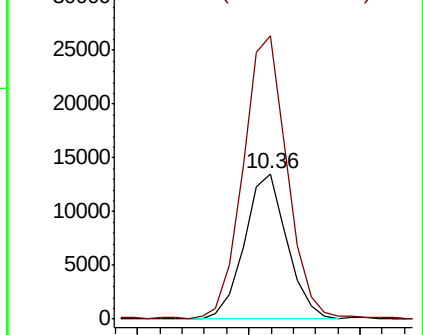
106 100

91 201.3 156.6 235.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 2.306 ug/l

RT: 10.69 min Scan# 1565

Delta R.T. -0.00 min

Lab File: VX010984.D

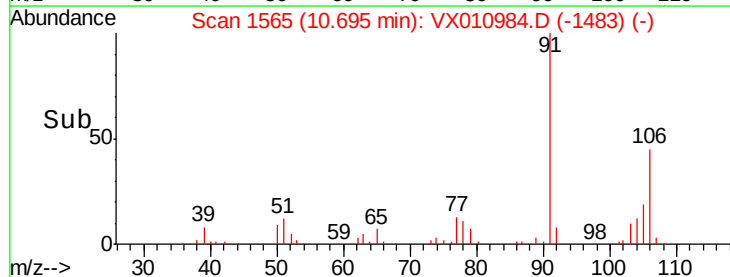
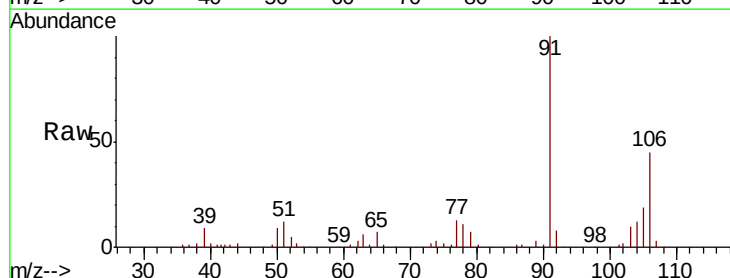
Acq: 19 Jul 2019 01:51

Tgt Ion:106 Resp: 8824

Ion Ratio Lower Upper

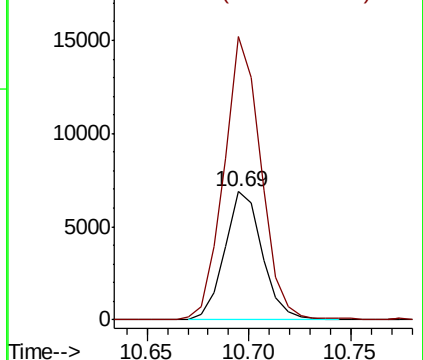
106 100

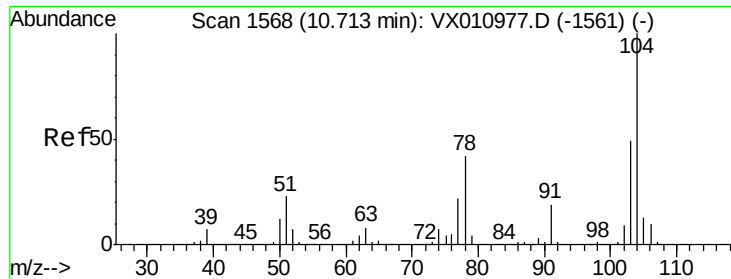
91 216.0 104.0 312.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

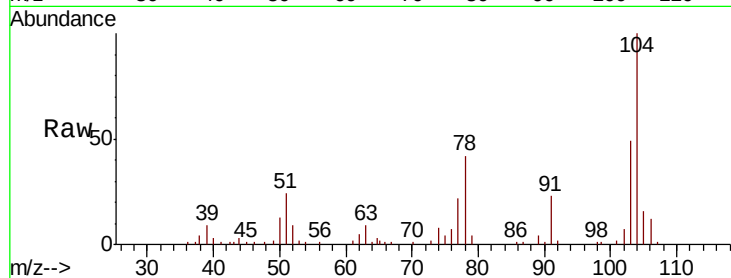




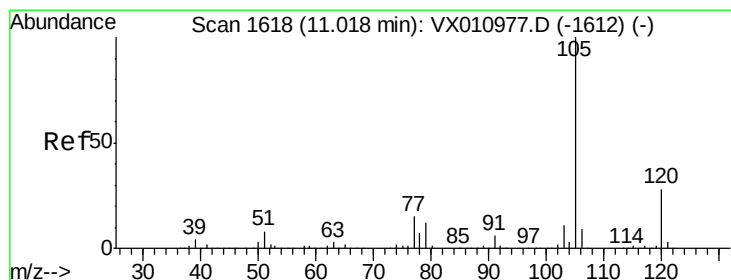
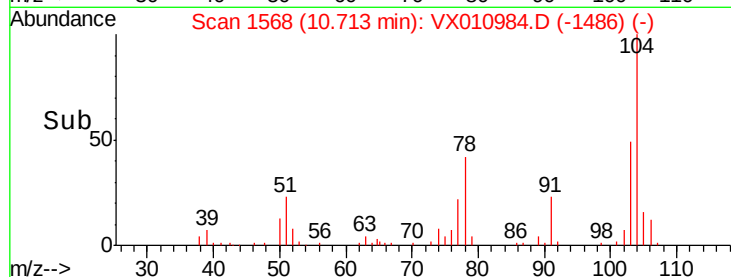
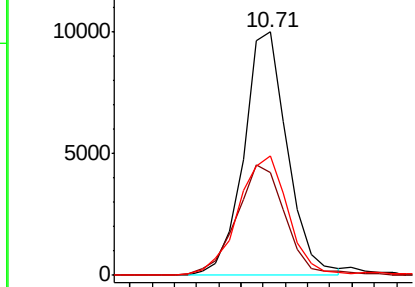
#69
Stvrene
Concen: 2.133 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX010984.D
Acq: 19 Jul 2019 01:51

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

Tot Ion:104 Resp: 13720
Ion Ratio Lower Upper
104 100
78 49.9 38.5 57.7
103 55.9 44.6 67.0

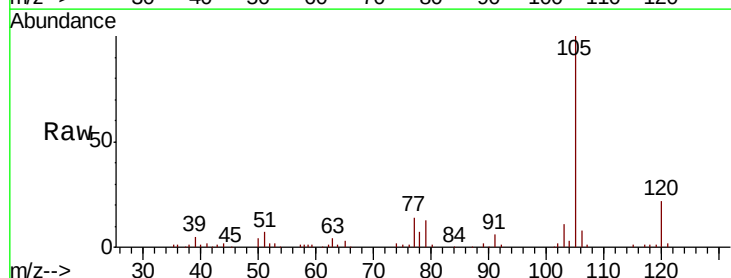


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V

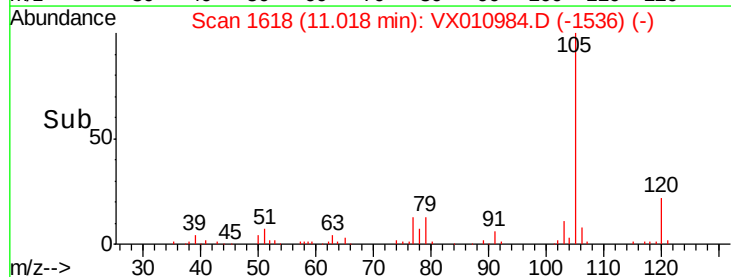
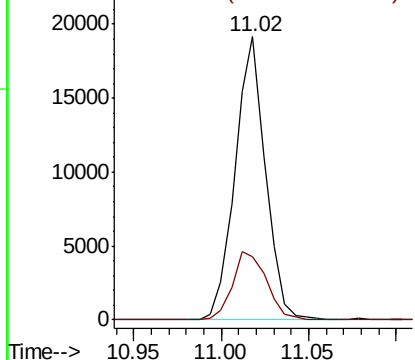


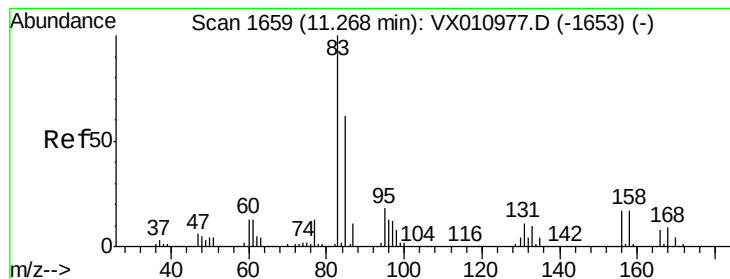
#70
Isopropylbenzene
Concen: 2.265 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX010984.D
Acq: 19 Jul 2019 01:51

Tgt Ion:105 Resp: 23079
Ion Ratio Lower Upper
105 100
120 26.8 19.4 36.0



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#71

1,1,2,2-Tetrachloroethane

Concen: 2.439 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX010984.D

Acq: 19 Jul 2019 01:51

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2019 DL

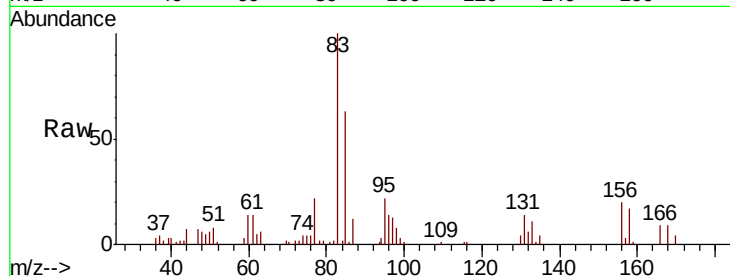
Tot Ion: 83 Resp: 8014

Ion Ratio Lower Upper

83 100

131 12.8 5.5 16.4

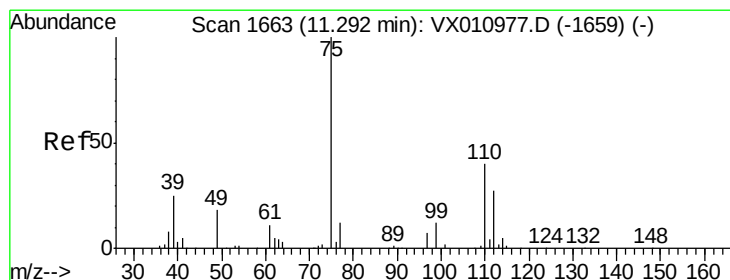
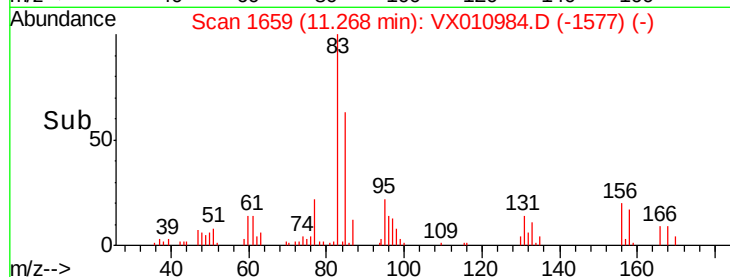
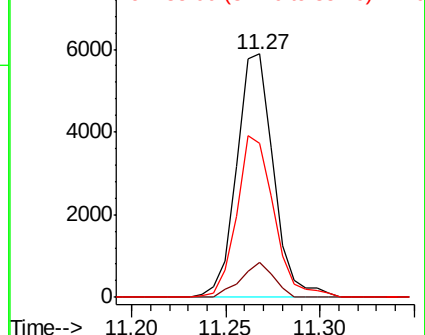
85 66.6 32.1 96.3



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VX0



#72

1,2,3-Trichloropropane

Concen: 3.104 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX010984.D

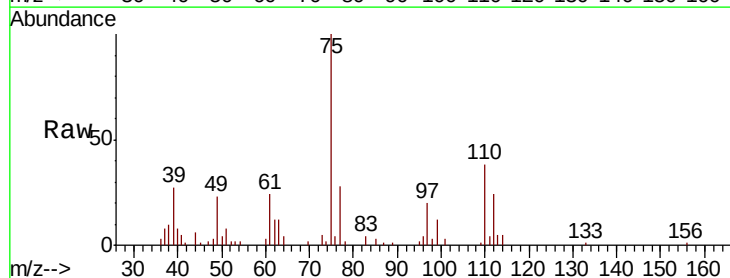
Acq: 19 Jul 2019 01:51

Tgt Ion: 75 Resp: 8511

Ion Ratio Lower Upper

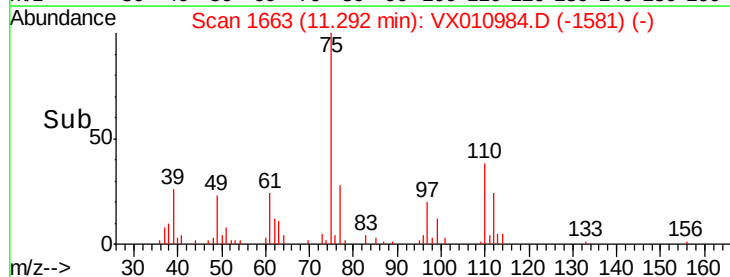
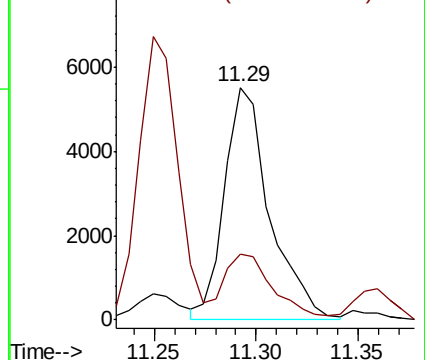
75 100

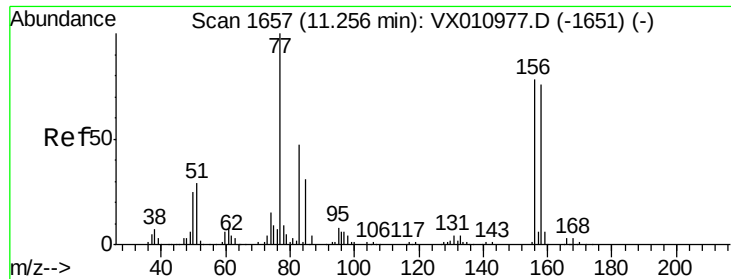
77 31.3 0.0 84.0



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#73

Bromobenzene

Concen: 2.383 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.01 min

Lab File: VX010984.D

Acq: 19 Jul 2019 01:51

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2019 DL

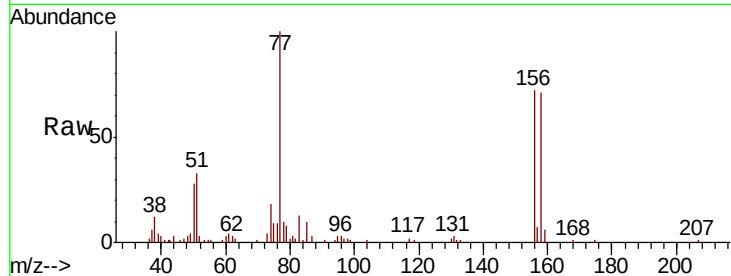
Tot Ion:156 Resp: 6550

Ion Ratio Lower Upper

156 100

77 136.8 0.0 275.8

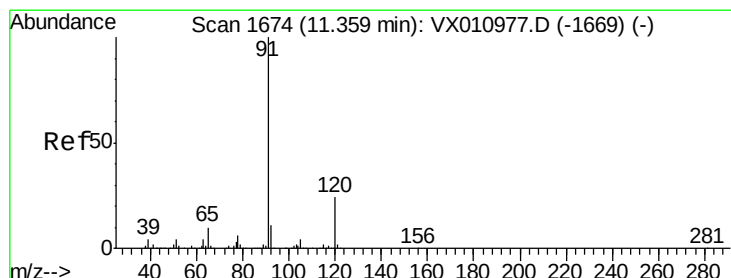
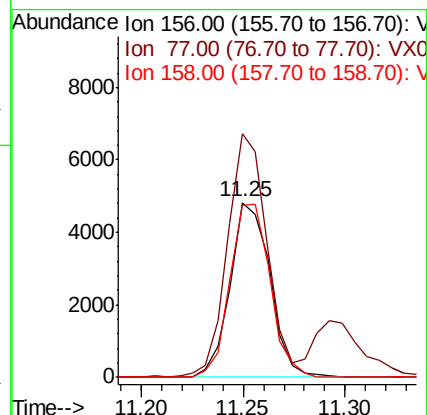
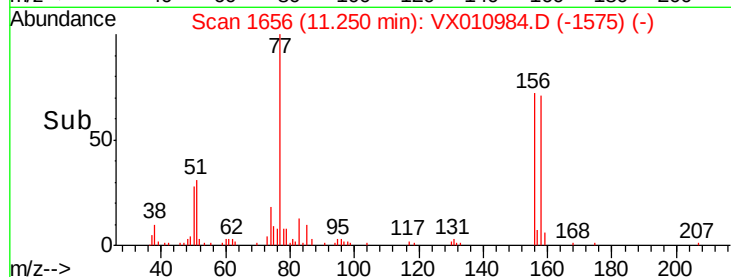
158 98.8 0.0 195.2



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 2.154 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX010984.D

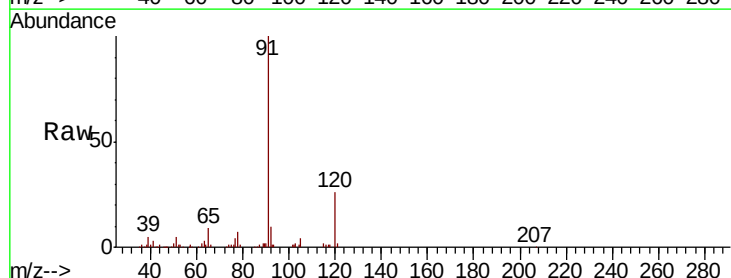
Acq: 19 Jul 2019 01:51

Tgt Ion: 91 Resp: 24705

Ion Ratio Lower Upper

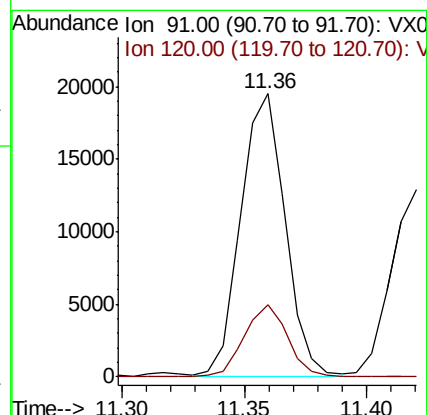
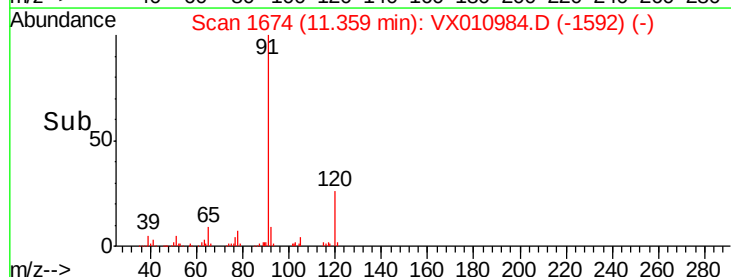
91 100

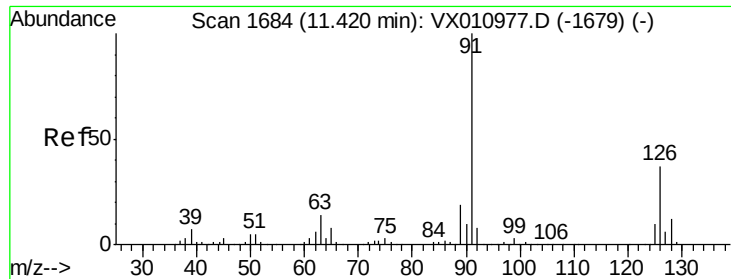
120 24.7 0.0 47.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 2.369 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX010984.D

Acq: 19 Jul 2019 01:51

Instrument :

MSVOA_X

ClientSampleId :

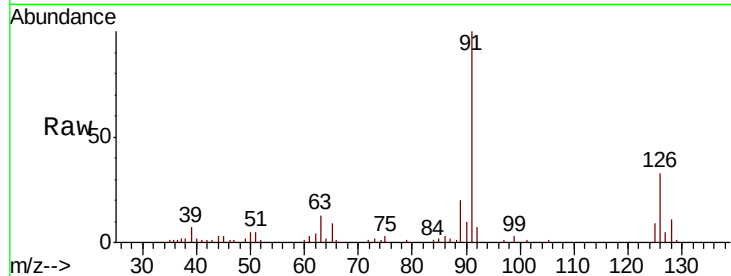
LOD-MDL-WATER-01-QT3-2019 DL

Tot Ion: 91 Resp: 16177

Ion Ratio Lower Upper

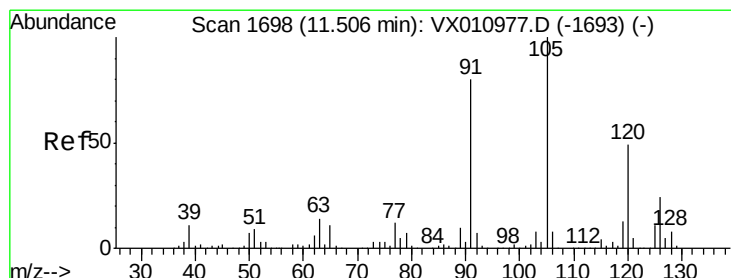
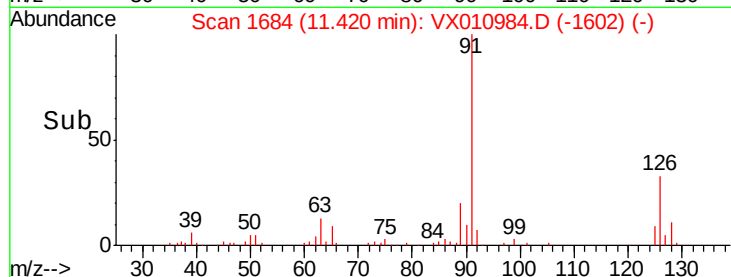
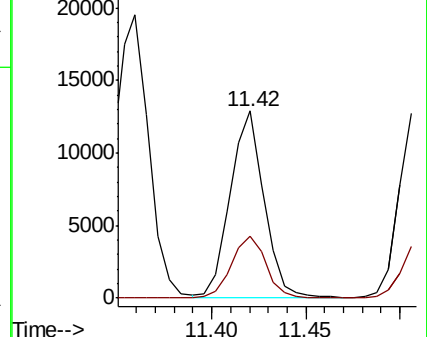
91 100

126 33.4 0.0 72.4



Abundance Ion 91.00 (90.70 to 91.70): VX010977.D (-1679) (-)

Ion 126.00 (125.70 to 126.70): VX010977.D (-1679) (-)



#76

1,3,5-Trimethylbenzene

Concen: 2.122 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX010984.D

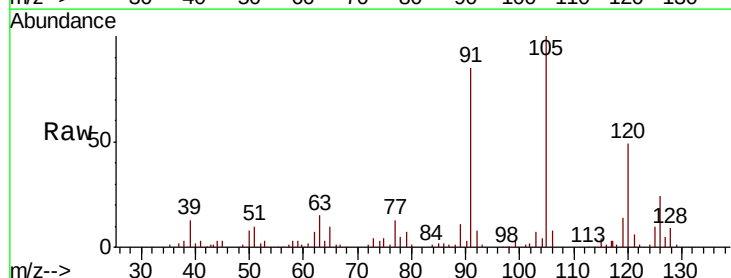
Acq: 19 Jul 2019 01:51

Tgt Ion: 105 Resp: 18301

Ion Ratio Lower Upper

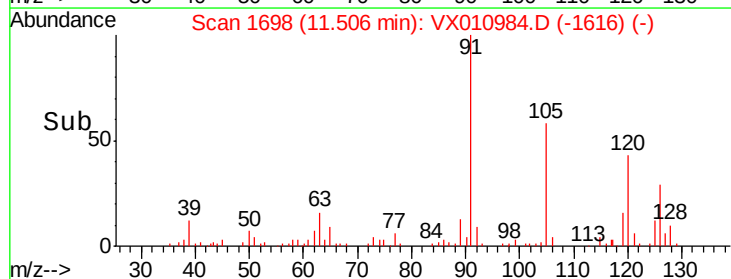
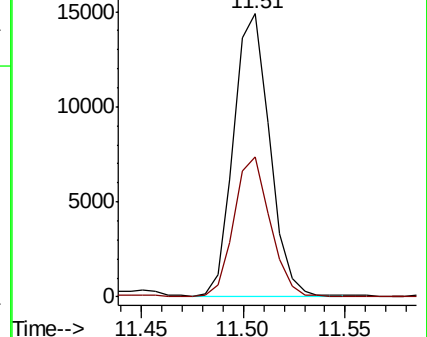
105 100

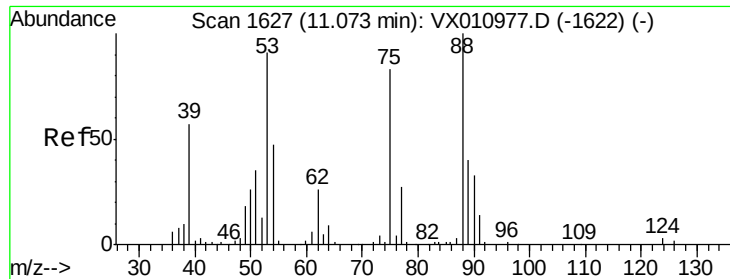
120 49.6 0.0 96.6



Abundance Ion 105.00 (104.70 to 105.70): VX010977.D (-1693) (-)

Ion 120.00 (119.70 to 120.70): VX010977.D (-1693) (-)

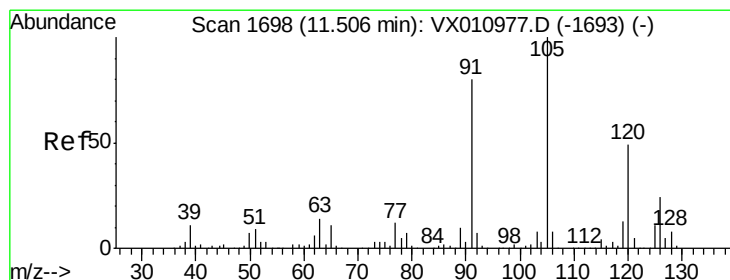
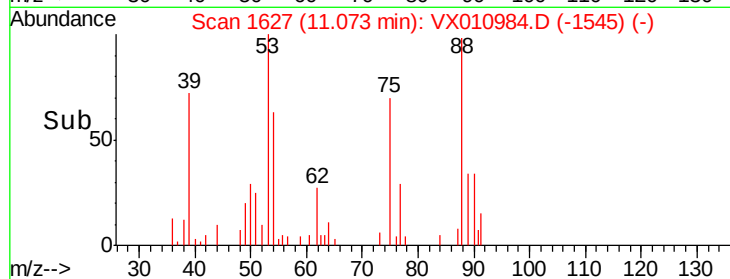
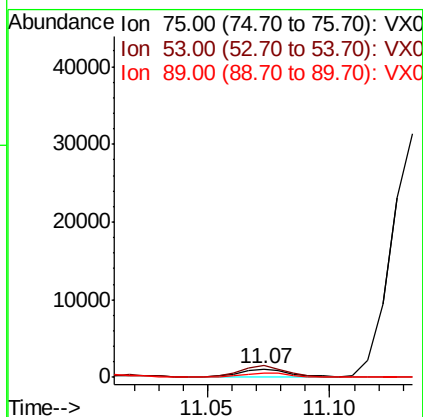
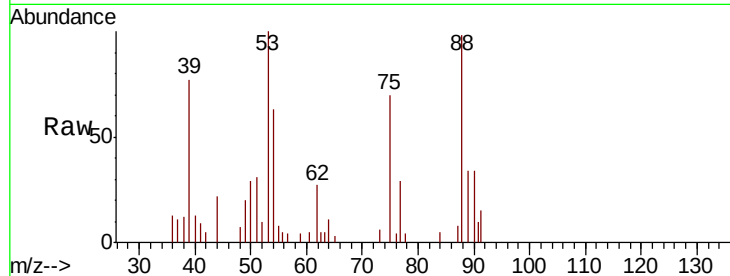




#77
t-1,4-Dichloro-2-butene
Concen: 1.709 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VX010984.D
Acq: 19 Jul 2019 01:51

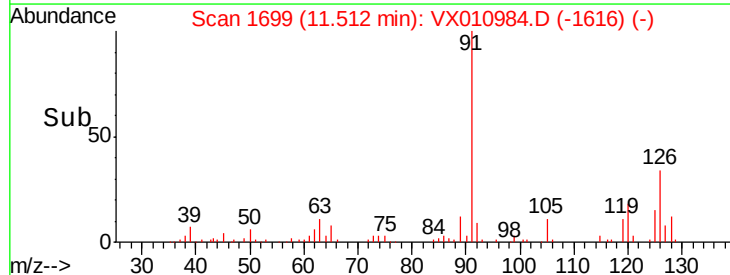
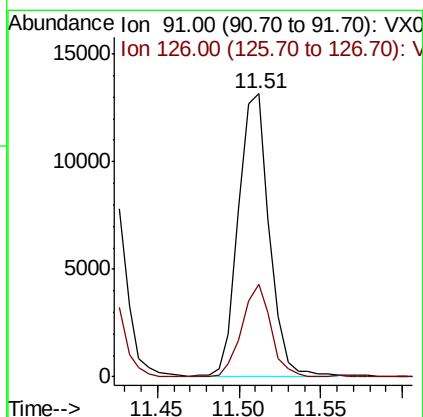
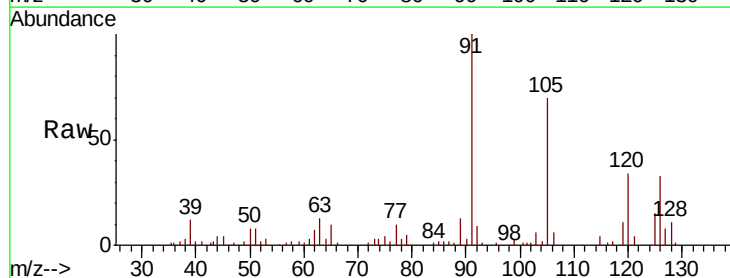
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019 DL

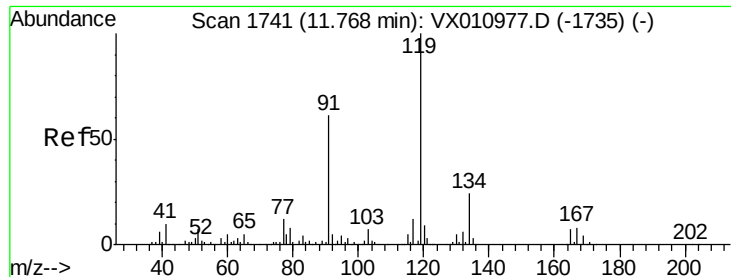
Tot Ion: 75 Resp: 1546
Ion Ratio Lower Upper
75 100
53 143.6 54.8 164.3
89 48.2 24.6 73.6



#78
4-Chlorotoluene
Concen: 2.235 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.01 min
Lab File: VX010984.D
Acq: 19 Jul 2019 01:51

Tgt Ion: 91 Resp: 17534
Ion Ratio Lower Upper
91 100
126 30.5 0.0 63.6

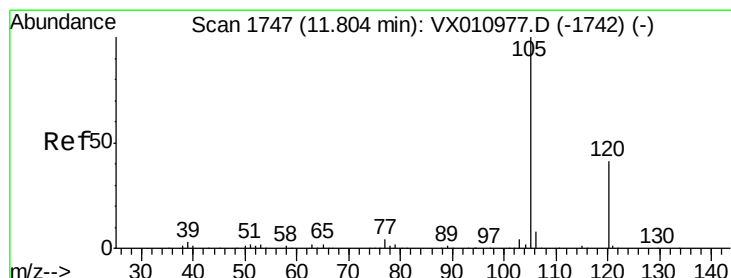
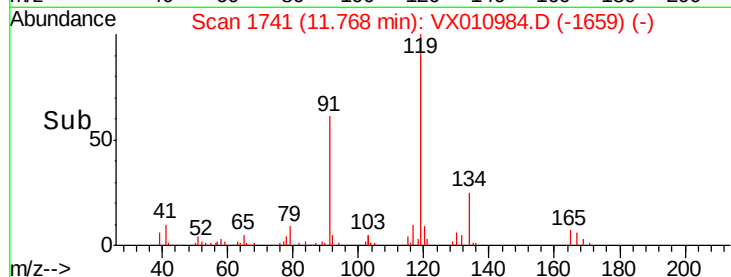
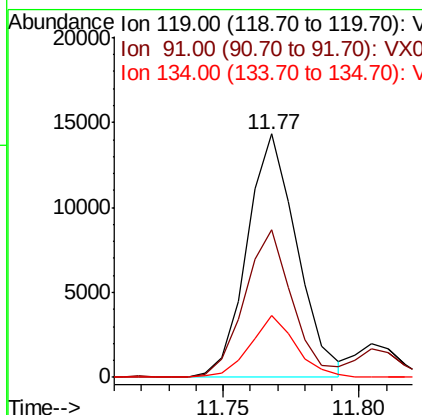
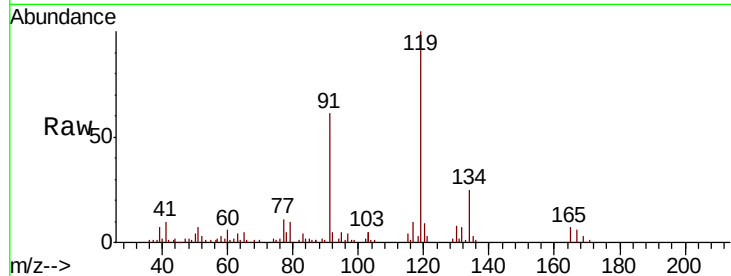




#79
 tert-butylbenzene
 Concen: 2.179 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX010984.D
 Acq: 19 Jul 2019 01:51

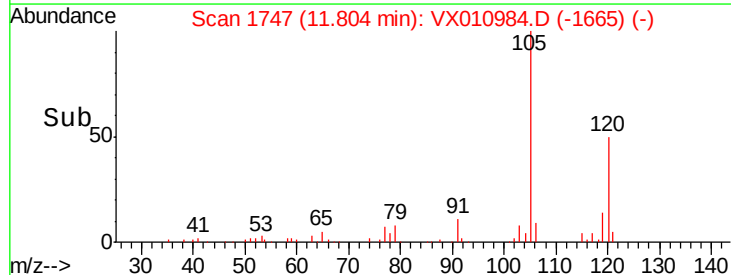
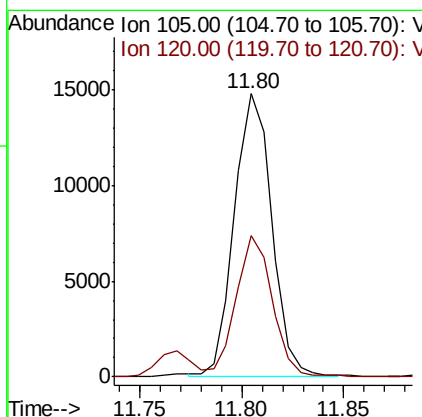
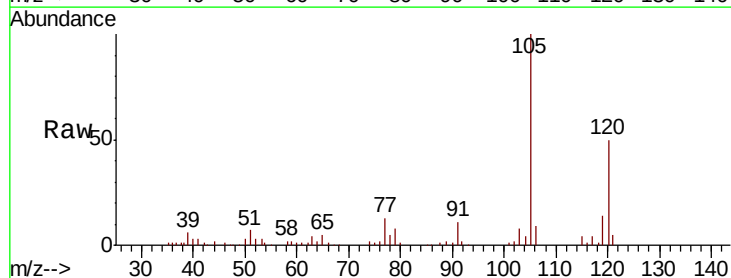
Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2019 DL

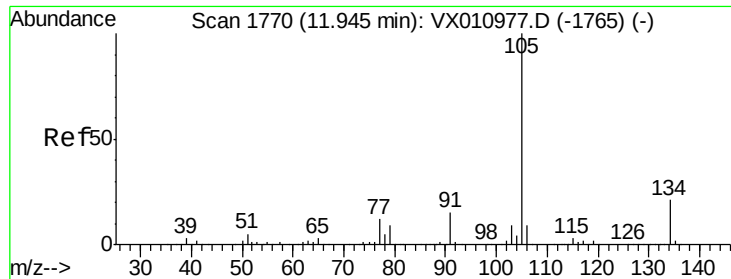
Tot Ion:119 Resp: 18225
 Ion Ratio Lower Upper
 119 100
 91 58.5 0.0 118.4
 134 23.5 0.0 47.4



#80
 1,2,4-Trimethylbenzene
 Concen: 2.176 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX010984.D
 Acq: 19 Jul 2019 01:51

Tgt Ion:105 Resp: 18902
 Ion Ratio Lower Upper
 105 100
 120 47.1 0.0 91.6

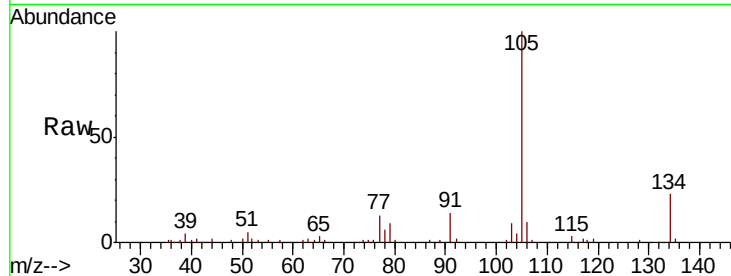




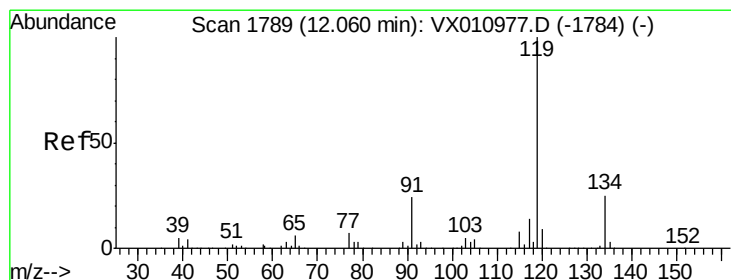
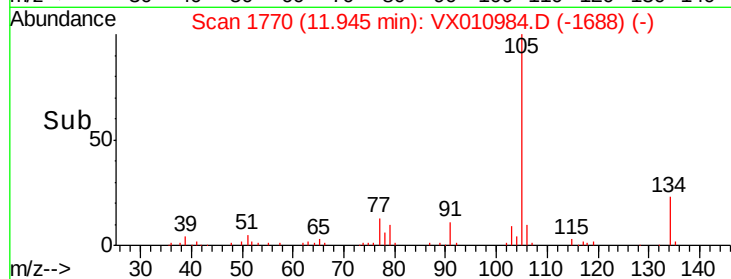
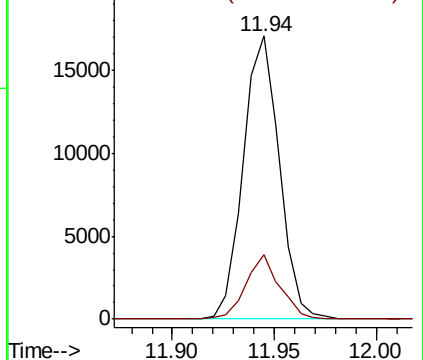
#81
 sec-Butylbenzene
 Concen: 2.133 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX010984.D
 Acq: 19 Jul 2019 01:51

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

Tot Ion:105 Resp: 21028
 Ion Ratio Lower Upper
 105 100
 134 21.2 0.0 41.8

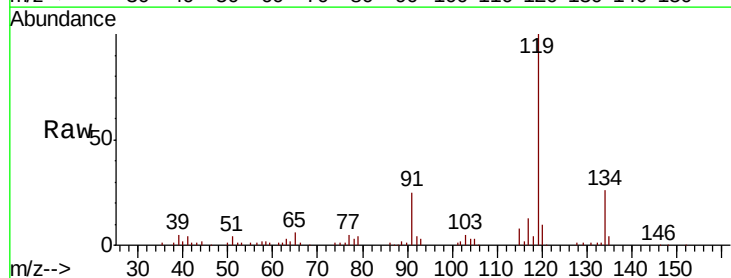


Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 134.00 (133.70 to 134.70): V

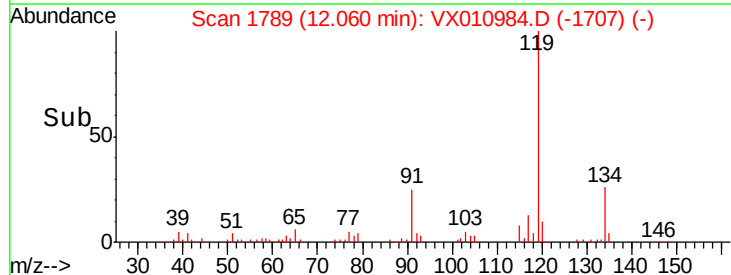
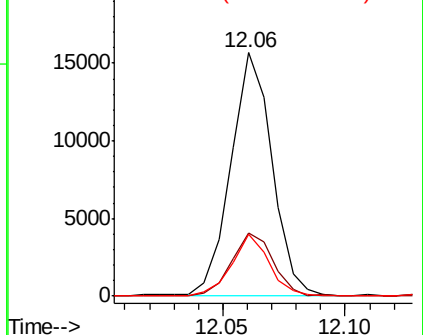


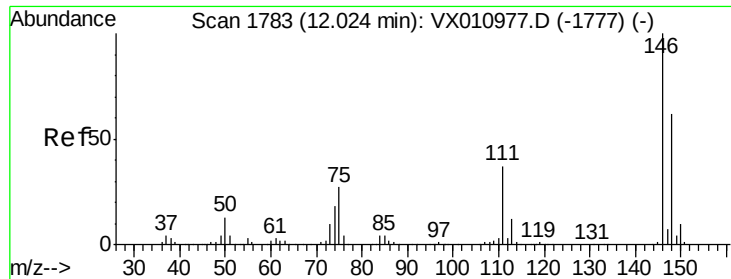
#82
 p-Isopropyltoluene
 Concen: 2.007 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX010984.D
 Acq: 19 Jul 2019 01:51

Tgt Ion:119 Resp: 18364
 Ion Ratio Lower Upper
 119 100
 134 26.2 0.0 52.8
 91 22.7 0.0 47.0



Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V

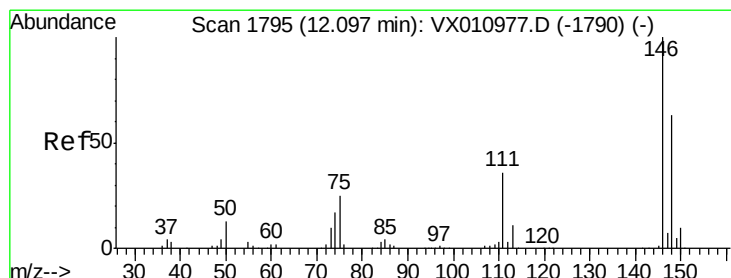
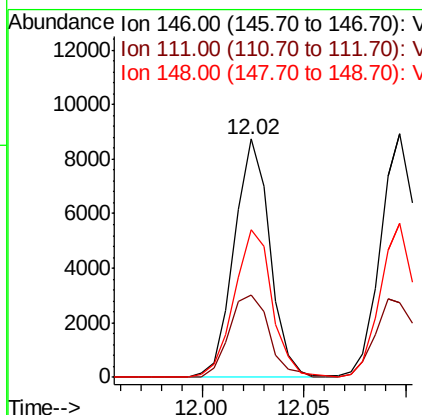
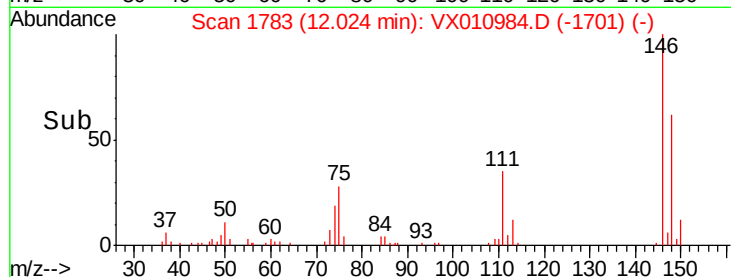
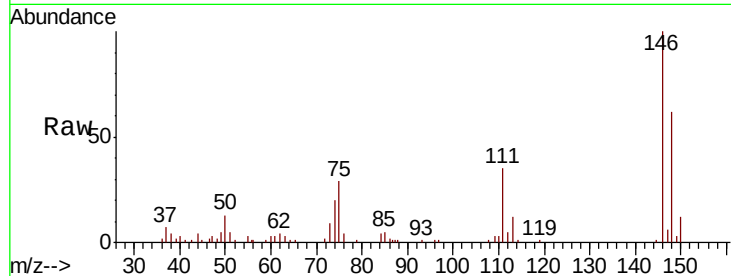




#83
 1,3-Dichlorobenzene
 Concen: 2.188 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX010984.D
 Acq: 19 Jul 2019 01:51

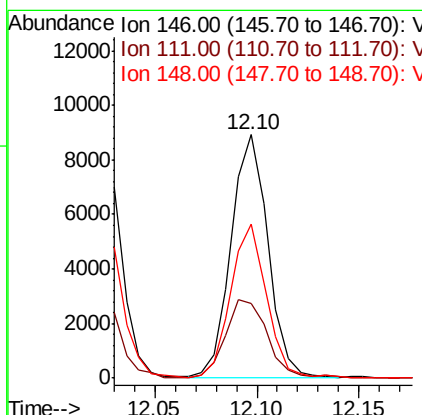
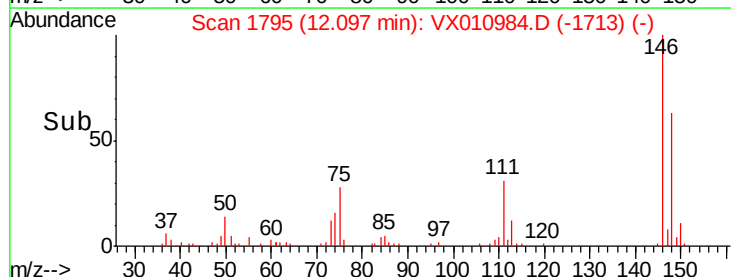
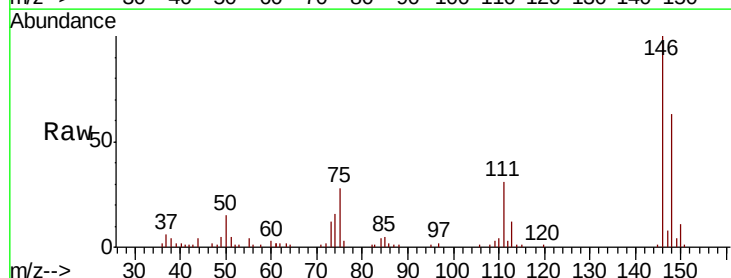
Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2019 DL

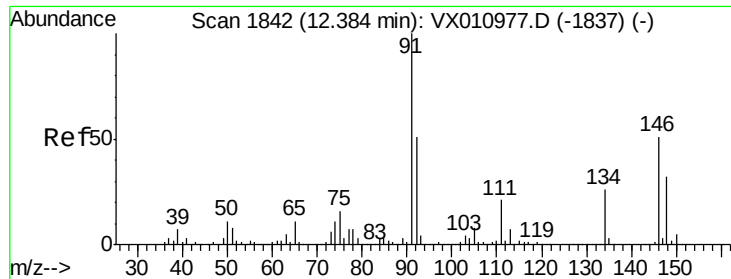
Tot Ion:146 Resp: 10618
 Ion Ratio Lower Upper
 146 100
 111 38.5 18.9 56.9
 148 65.2 31.4 94.0



#84
 1,4-Dichlorobenzene
 Concen: 2.324 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX010984.D
 Acq: 19 Jul 2019 01:51

Tgt Ion:146 Resp: 11210
 Ion Ratio Lower Upper
 146 100
 111 36.4 18.5 55.5
 148 61.1 32.0 96.0





#85

n-Butylbenzene

Concen: 1.849 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VX010984.D

Acq: 19 Jul 2019 01:51

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2019 DL

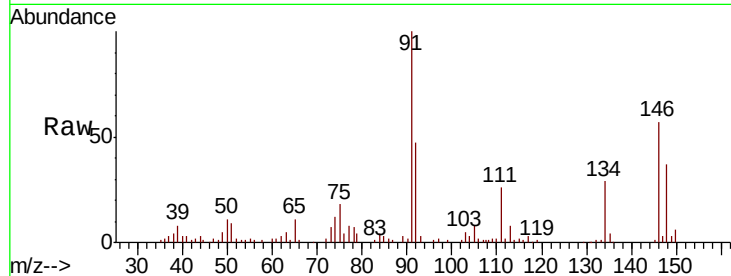
Tot Ion: 91 Resp: 14407

Ion Ratio Lower Upper

91 100

92 51.4 0.0 103.6

134 29.3 0.0 54.2

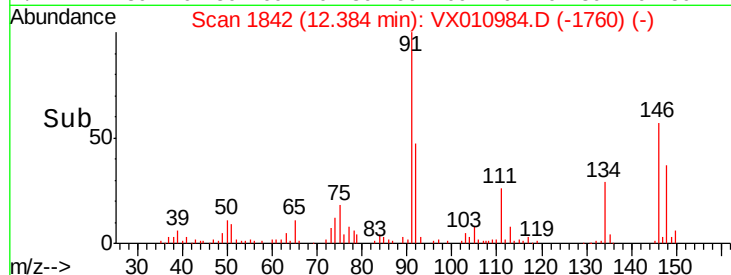


Abundance Ion 91.00 (90.70 to 91.70): VX010977.D (-1837) (-)

Ion 92.00 (91.70 to 92.70): VX010977.D (-1837) (-)

Ion 134.00 (133.70 to 134.70): VX010977.D (-1837) (-)

Time-->

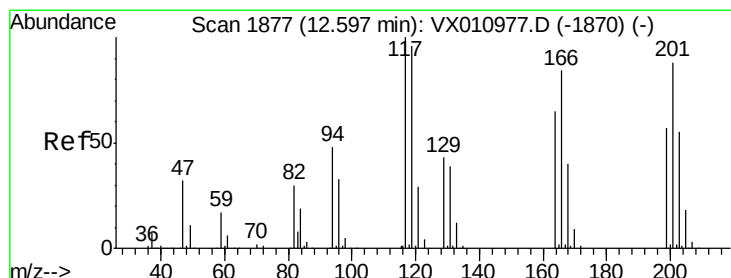


Abundance Ion 91.00 (90.70 to 91.70): VX010984.D (-1760) (-)

Ion 92.00 (91.70 to 92.70): VX010984.D (-1760) (-)

Ion 134.00 (133.70 to 134.70): VX010984.D (-1760) (-)

Time-->



#86

Hexachloroethane

Concen: 1.725 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX010984.D

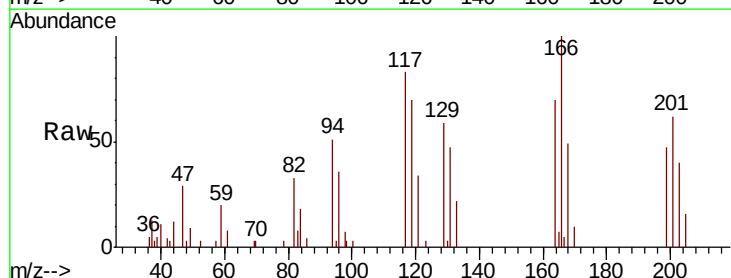
Acq: 19 Jul 2019 01:51

Tgt Ion: 117 Resp: 2489

Ion Ratio Lower Upper

117 100

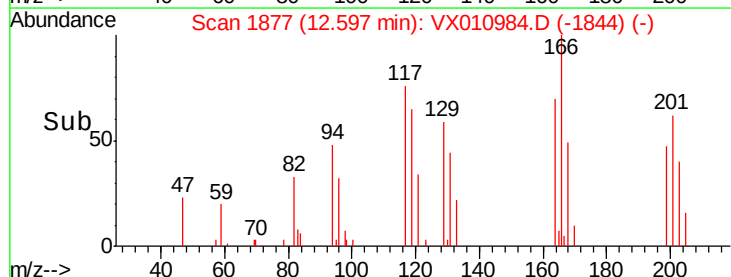
201 76.9 42.1 126.3



Abundance Ion 117.00 (116.70 to 117.70): VX010977.D (-1870) (-)

Ion 201.00 (200.70 to 201.70): VX010977.D (-1870) (-)

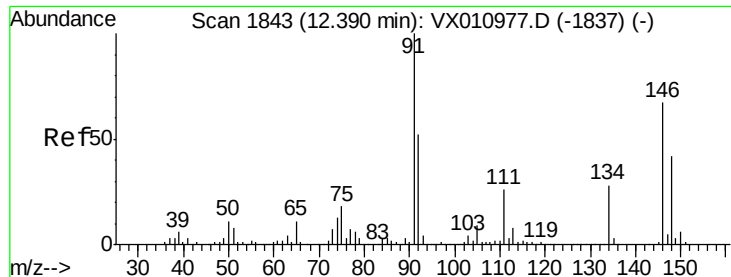
Time-->



Abundance Ion 117.00 (116.70 to 117.70): VX010984.D (-1844) (-)

Ion 201.00 (200.70 to 201.70): VX010984.D (-1844) (-)

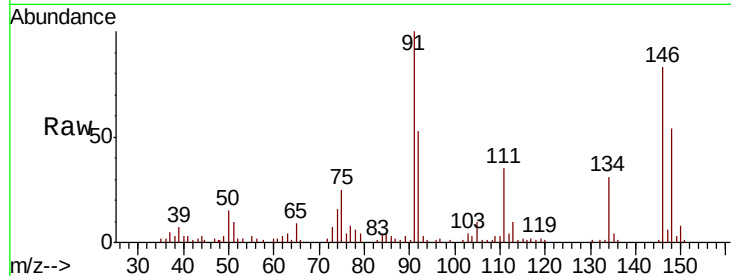
Time-->



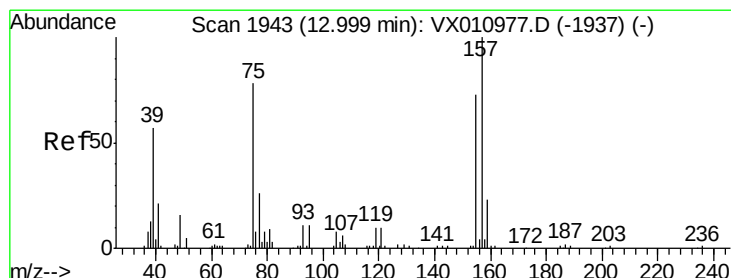
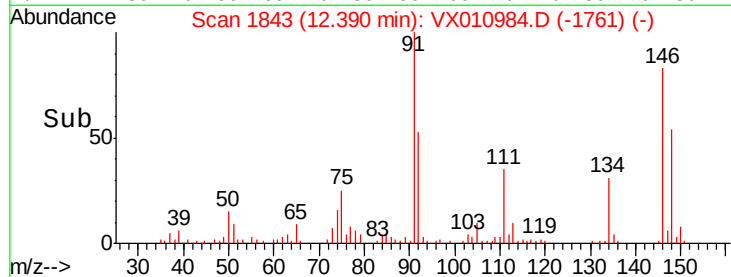
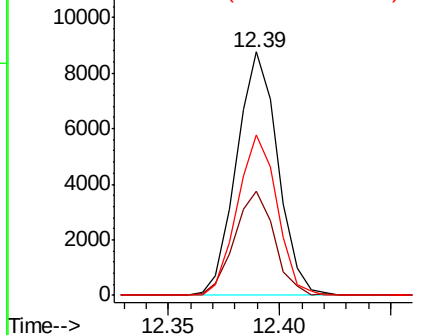
#87
 1,2-Dichlorobenzene
 Concen: 2.385 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX010984.D
 Acq: 19 Jul 2019 01:51

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

Tot Ion:146 Resp: 11332
 Ion Ratio Lower Upper
 146 100
 111 41.0 19.5 58.5
 148 63.2 31.5 94.5

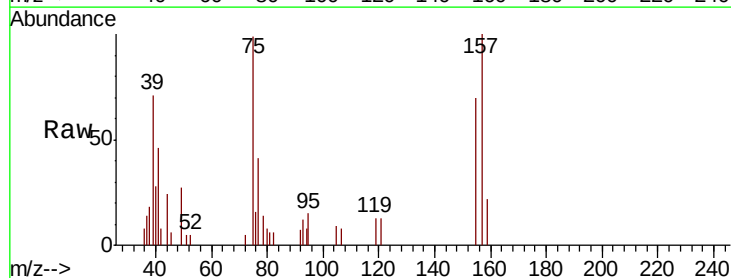


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

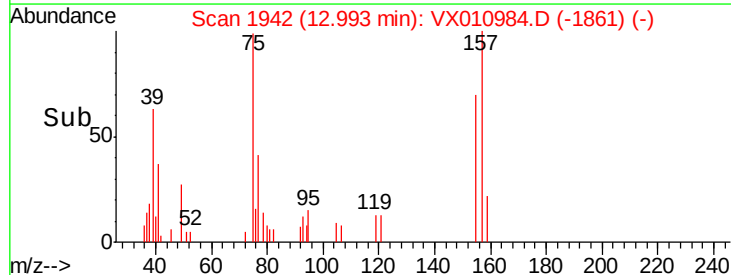
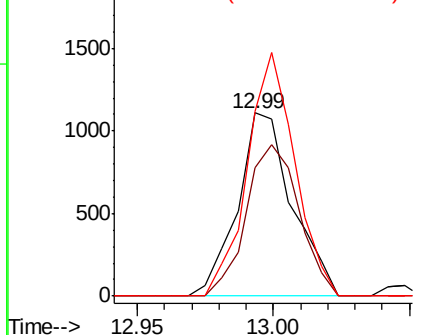


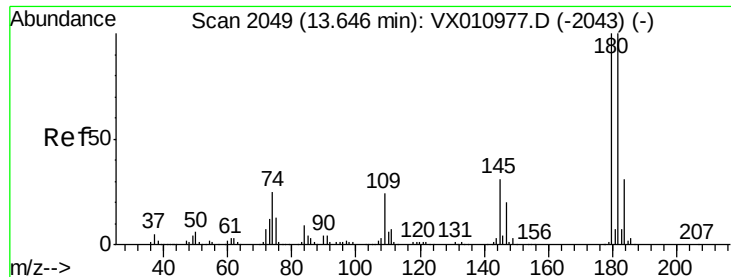
#88
 1,2-Dibromo-3-Chloropropane
 Concen: 2.144 ug/l
 RT: 12.99 min Scan# 1942
 Delta R.T. -0.01 min
 Lab File: VX010984.D
 Acq: 19 Jul 2019 01:51

Tgt Ion: 75 Resp: 1551
 Ion Ratio Lower Upper
 75 100
 155 79.6 76.6 115.0
 157 115.3 101.0 151.4



Abundance Ion 75.00 (74.70 to 75.70): VX0
 Ion 155.00 (154.70 to 155.70): V
 Ion 157.00 (156.70 to 157.70): V

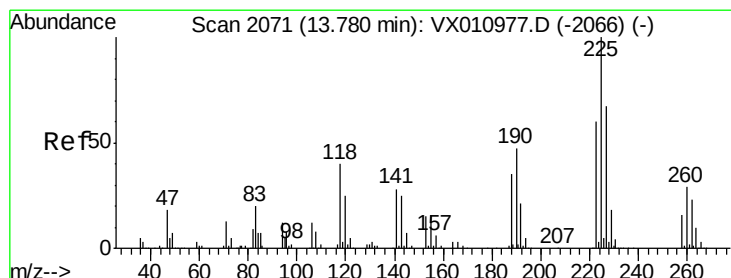
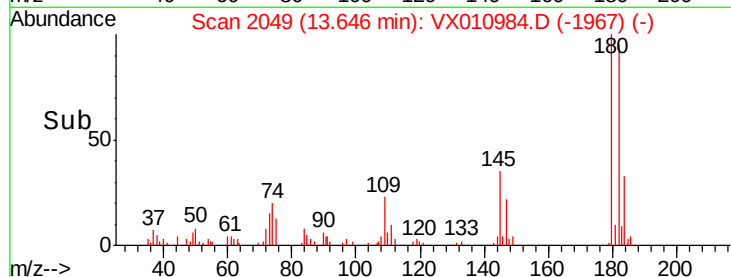
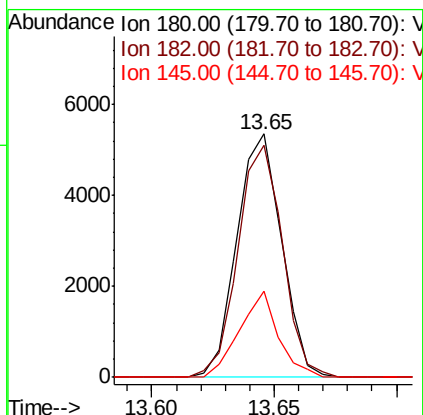
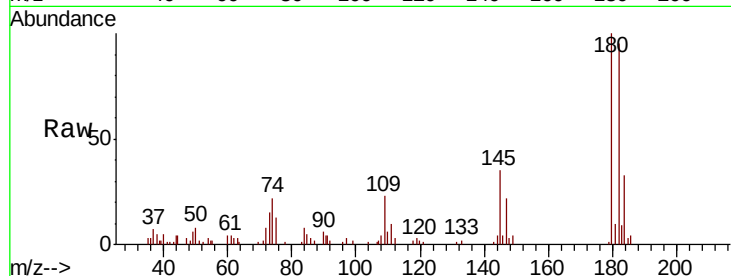




#89
 1,2,4-Trichlorobenzene
 Concen: 2.086 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX010984.D
 Acq: 19 Jul 2019 01:51

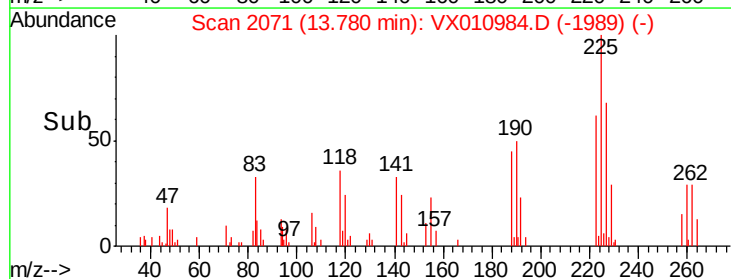
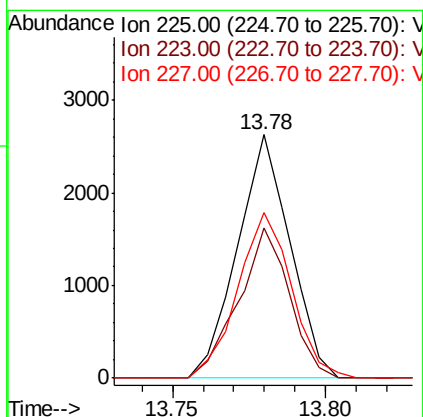
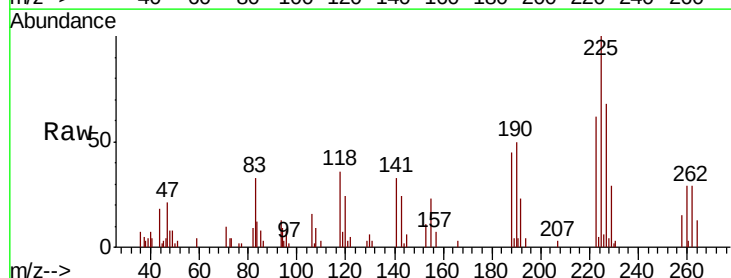
Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2019 DL

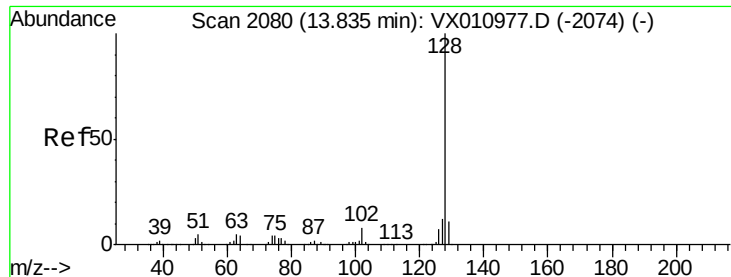
Tot Ion:180 Resp: 6836
 Ion Ratio Lower Upper
 180 100
 182 94.5 77.6 116.4
 145 30.6 23.8 35.6



#90
 Hexachlorobutadiene
 Concen: 1.973 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX010984.D
 Acq: 19 Jul 2019 01:51

Tgt Ion:225 Resp: 3126
 Ion Ratio Lower Upper
 225 100
 223 59.8 0.0 121.4
 227 69.6 0.0 126.6

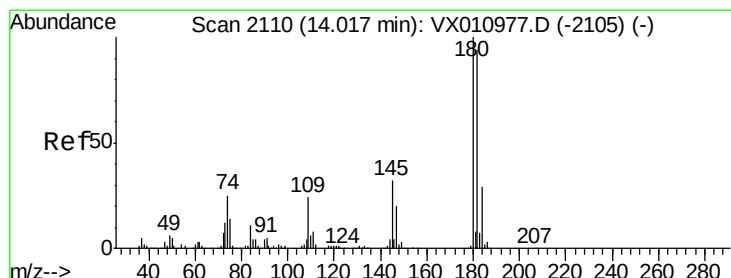
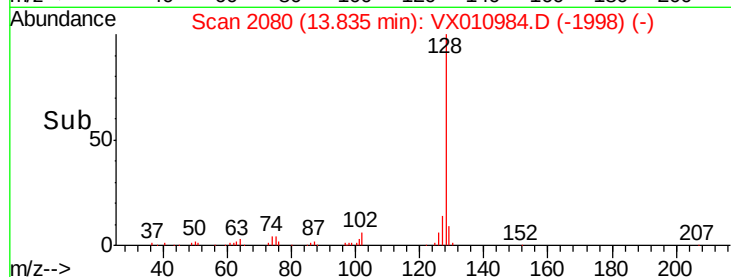
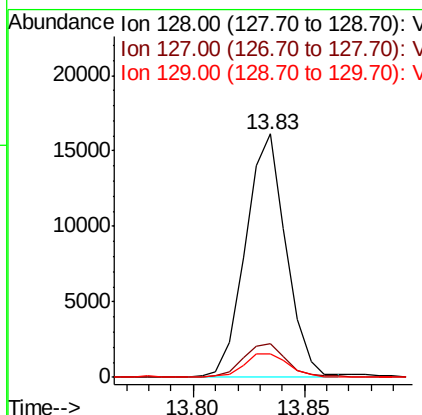
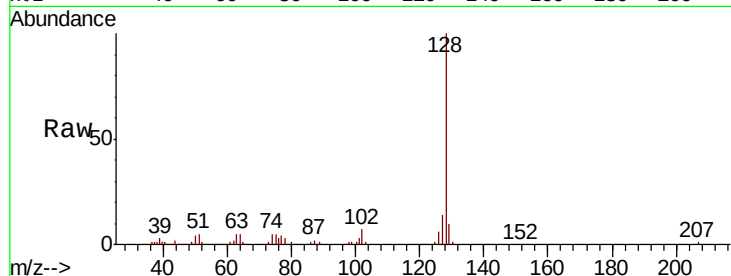




#91
Naphthalene
Concen: 2.041 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX010984.D
Acq: 19 Jul 2019 01:51

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

Tot Ion:128 Resp: 20409
Ion Ratio Lower Upper
128 100
127 14.9 10.2 15.2
129 10.7 8.5 12.7



#92
1,2,3-Trichlorobenzene
Concen: 2.257 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX010984.D
Acq: 19 Jul 2019 01:51

Tgt Ion:180 Resp: 7415
Ion Ratio Lower Upper
180 100
182 93.6 0.0 190.2
145 34.0 0.0 63.8

