

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070820\
 Data File : VN062406.D
 Acq On : 8 Jul 2020 14:37
 Operator : JC/MD
 Sample : L3216-07 .2PPB LOD
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2020

Quant Time: Jul 09 03:32:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N070820W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 09 03:29:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	190884	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	339260	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	299338	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	110137	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	156697	53.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.74%	
35) Dibromofluoromethane	7.55	113	109388	52.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.32%	
50) Toluene-d8	10.06	98	412652	49.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.70%	
62) 4-Bromofluorobenzene	12.38	95	135572	44.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	391	0.201	ug/l #	44
3) Chloromethane	2.03	50	866	0.278	ug/l	96
4) Vinyl Chloride	2.16	62	524	0.205	ug/l #	43
5) Bromomethane	2.54	94	397	0.289	ug/l #	69
6) Chloroethane	2.66	64	152	0.102	ug/l #	44
7) Trichlorofluoromethane	2.98	101	762	0.235	ug/l	98
8) Diethyl Ether	3.38	74	76	0.052	ug/l #	1
9) 1,1,2-Trichlorotrifluoroet	3.72	101	251	0.130	ug/l #	29
10) Methyl Iodide	3.92	142	97	0.038	ug/l #	39
11) Tert butyl alcohol	4.74	59	211	0.433	ug/l #	74
12) 1,1-Dichloroethene	3.70	96	382	0.195	ug/l #	59
13) Acrolein	3.58	56	249	0.709	ug/l #	41
14) Allyl chloride	4.28	41	406	0.088	ug/l #	79
15) Acrylonitrile	4.94	53	291	0.228	ug/l #	17
16) Acetone	3.78	43	1248	1.001	ug/l #	58
17) Carbon Disulfide	4.01	76	2535	0.413	ug/l #	75
18) Methyl Acetate	4.29	43	1181	0.380	ug/l #	56
19) Methyl tert-butyl Ether	5.00	73	1153	0.155	ug/l #	51
20) Methylene Chloride	4.49	84	466	0.175	ug/l #	63
21) trans-1,2-Dichloroethene	4.97	96	201	0.095	ug/l #	43
22) Diisopropyl ether	5.90	45	817	0.090	ug/l #	49
23) Vinyl Acetate	5.85	43	5703	0.756	ug/l #	76
24) 1,1-Dichloroethane	5.79	63	389	0.083	ug/l #	85
25) 2-Butanone	6.79	43	1822	1.001	ug/l #	53
26) 2,2-Dichloropropane	6.77	77	742	0.206	ug/l #	54
27) cis-1,2-Dichloroethene	6.79	96	190	0.077	ug/l #	1
28) Bromochloromethane	7.16	49	366	0.143	ug/l #	24
29) Tetrahydrofuran	7.16	42	402	0.328	ug/l #	62
30) Chloroform	7.32	83	673	0.158	ug/l #	67
31) Cyclohexane	7.63	56	5349	1.199	ug/l #	1
32) 1,1,1-Trichloroethane	7.53	97	454	0.128	ug/l #	23
36) 1,1-Dichloropropene	7.76	75	653	0.191	ug/l #	44
37) Ethyl Acetate	6.89	43	494	0.124	ug/l #	70
38) Carbon Tetrachloride	7.73	117	595	0.194	ug/l #	64

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	679	0.186	ug/l #	84
40) Benzene	8.00	78	2193	0.218	ug/l	95
41) Methacrylonitrile	7.14	41	189	0.113	ug/l #	19
42) 1,2-Dichloroethane	8.09	62	981	0.266	ug/l #	78
43) Isopropyl Acetate	8.12	43	1284	0.203	ug/l #	57
44) Trichloroethene	8.80	130	420	0.188	ug/l	82
45) 1,2-Dichloropropane	9.08	63	412	0.141	ug/l #	44
46) Dibromomethane	9.18	93	62	0.038	ug/l #	45
47) Bromodichloromethane	9.36	83	682	0.193	ug/l #	84
48) Methyl methacrylate	9.18	41	369	0.119	ug/l #	62
51) 4-Methyl-2-Pentanone	9.96	43	3628	0.962	ug/l	89
52) Toluene	10.12	92	1236	0.212	ug/l	91
53) t-1,3-Dichloropropene	10.35	75	758	0.192	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	755	0.173	ug/l #	67
55) 1,1,2-Trichloroethane	10.53	97	234	0.102	ug/l #	65
56) Ethyl methacrylate	10.41	69	469	0.123	ug/l	95
57) 1,3-Dichloropropane	10.68	76	710	0.168	ug/l #	58
58) 2-Chloroethyl Vinyl ether	9.66	63	997	0.734	ug/l #	67
59) 2-Hexanone	10.73	43	2794	1.021	ug/l	82
60) Dibromochloromethane	10.88	129	266	0.107	ug/l	84
61) 1,2-Dibromoethane	10.98	107	352	0.152	ug/l	93
64) Tetrachloroethene	10.60	164	420	0.236	ug/l	94
65) Chlorobenzene	11.41	112	1377	0.237	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.48	131	345	0.161	ug/l #	65
67) Ethyl Benzene	11.49	91	2228	0.204	ug/l	95
68) m/p-Xylenes	11.59	106	1475	0.382	ug/l	97
69) o-Xylene	11.93	106	589	0.156	ug/l	73
70) Stvrene	11.94	104	988	0.159	ug/l #	88
71) Bromoform	12.36	173	66	0.042	ug/l #	29
73) Isopropylbenzene	12.23	105	1807	0.212	ug/l	90
74) N-amyl acetate	12.05	43	768	0.185	ug/l #	46
75) 1,1,2,2-Tetrachloroethane	12.48	83	611	0.213	ug/l #	94
76) 1,2,3-Trichloropropane	12.38	75	71970	26.632	ug/l #	100
77) Bromobenzene	12.50	156	387	0.200	ug/l	88
78) n-propylbenzene	12.57	91	2420	0.243	ug/l	79
79) 2-Chlorotoluene	12.65	91	1430	0.237	ug/l	89
80) 1,3,5-Trimethylbenzene	12.71	105	1538	0.220	ug/l	86
81) trans-1,4-Dichloro-2-buten	12.38	75	71970	71.283	ug/l #	10
82) 4-Chlorotoluene	12.75	91	1693	0.276	ug/l	86
83) tert-Butylbenzene	12.97	119	1197	0.202	ug/l #	86
84) 1,2,4-Trimethylbenzene	13.01	105	1233	0.178	ug/l	92
85) sec-Butylbenzene	13.15	105	1724	0.219	ug/l	81
86) p-Isopropyltoluene	13.26	119	1351	0.199	ug/l	83
87) 1,3-Dichlorobenzene	13.26	146	825	0.247	ug/l	86
88) 1,4-Dichlorobenzene	13.26	146	825	0.240	ug/l	88
89) n-Butylbenzene	13.59	91	1412	0.236	ug/l #	84
91) 1,2-Dichlorobenzene	13.63	146	758	0.235	ug/l	83
93) 1,2,4-Trichlorobenzene	14.88	180	273	0.187	ug/l #	49
95) Naphthalene	15.11	128	1517	0.369	ug/l #	70
96) 1,2,3-Trichlorobenzene	15.29	180	355	0.234	ug/l #	56

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Quant Title : SW846 8260
QLast Update : Thu Jul 09 03:29:32 2020
Response via : Initial Calibration

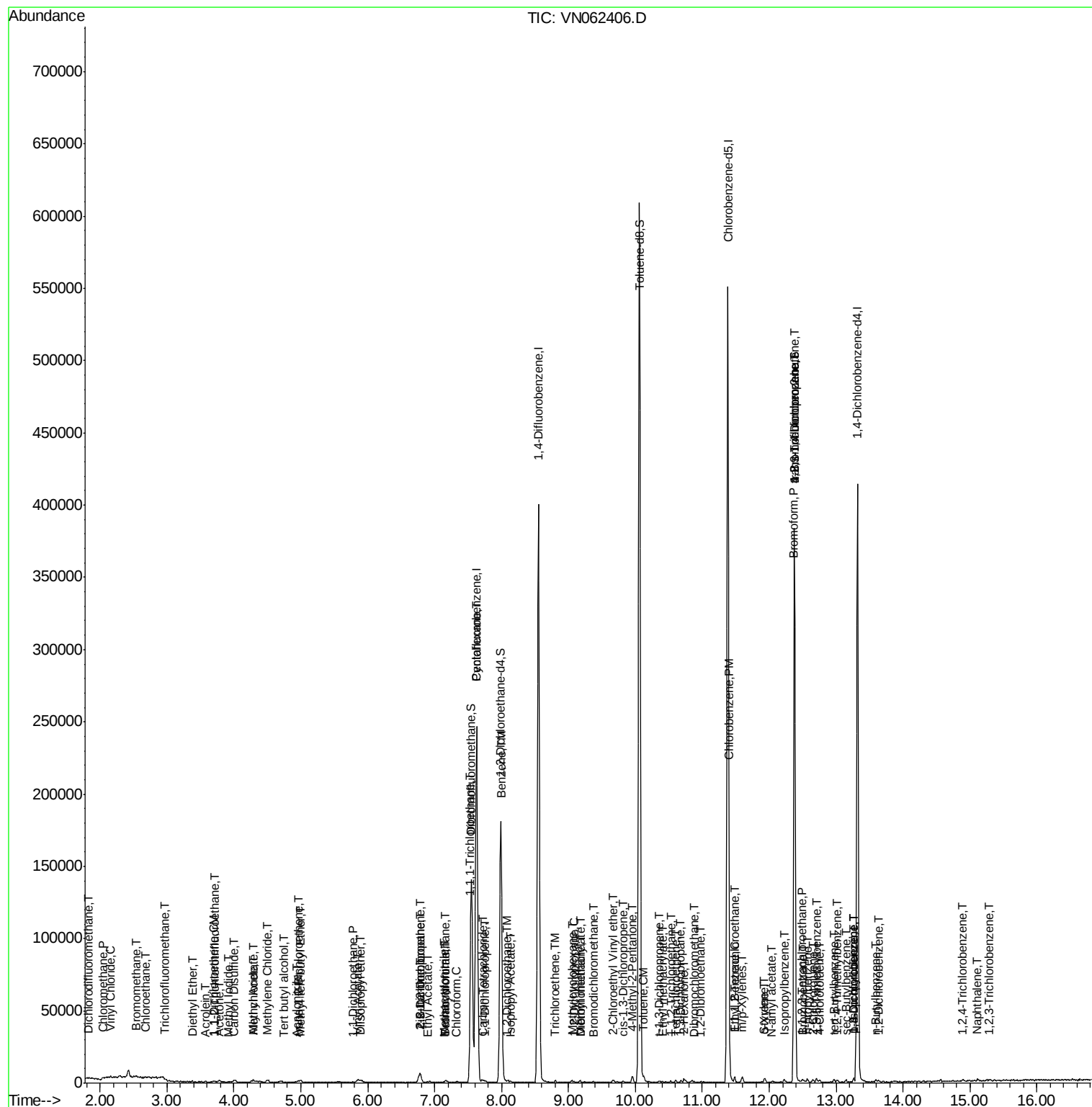
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

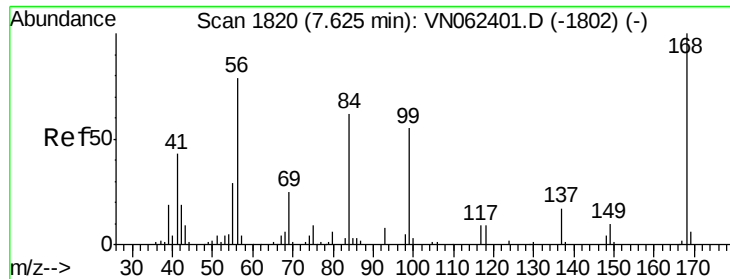
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 09 03:32:13 2020
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN062406.D

Acq: 8 Jul 2020 14:37

Instrument :

MSVOA_N

ClientSampleId :

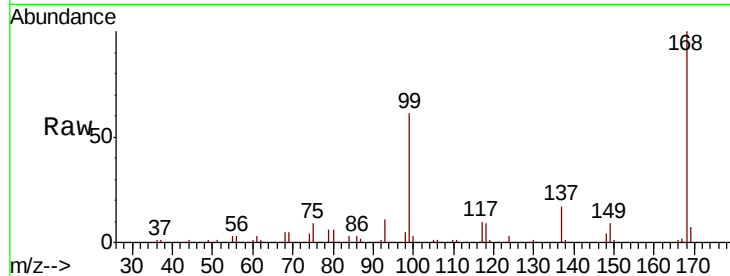
LOD-MDL-WATER-01-QT3-2020

Tot Ion:168 Resp: 190884

Ion Ratio Lower Upper

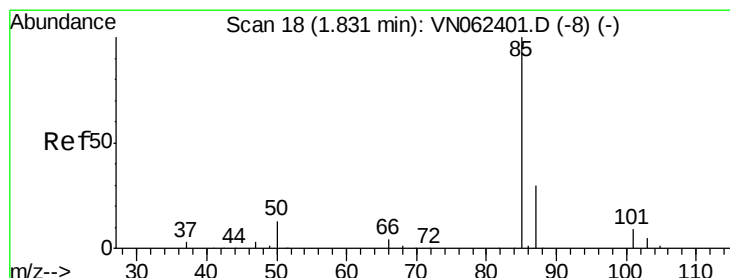
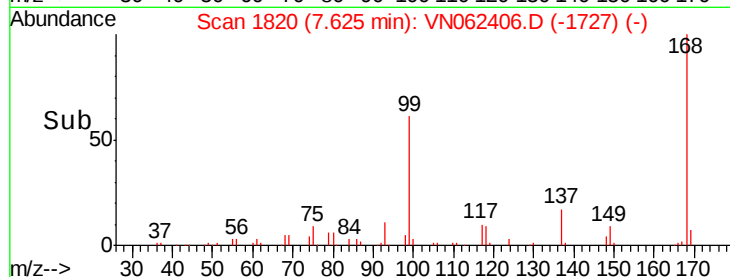
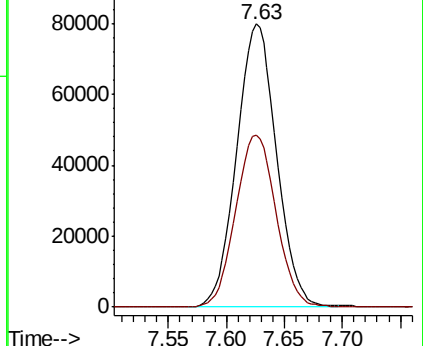
168 100

99 60.9 48.8 73.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 0.201 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN062406.D

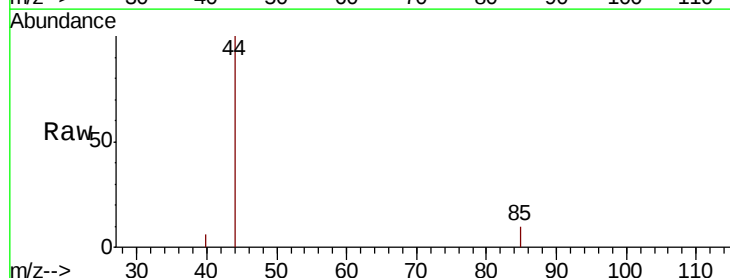
Acq: 8 Jul 2020 14:37

Tgt Ion: 85 Resp: 391

Ion Ratio Lower Upper

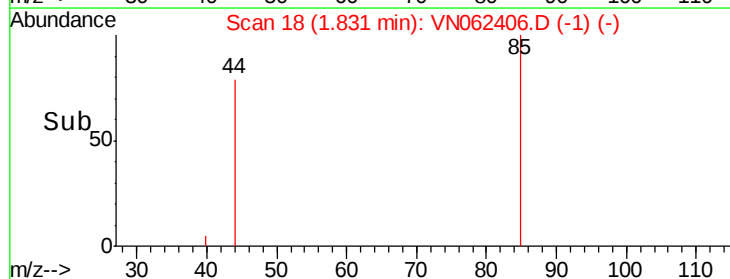
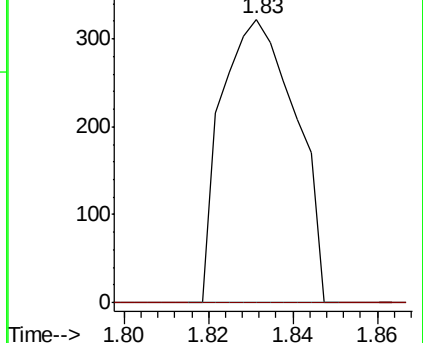
85 100

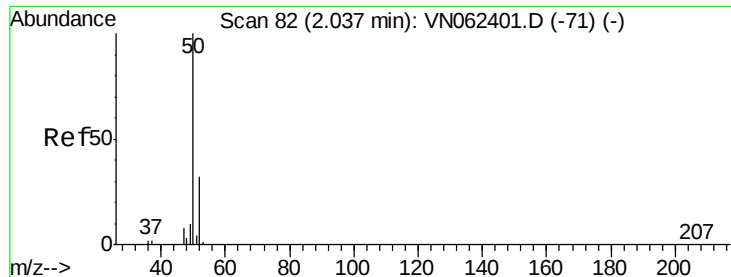
87 0.0 15.2 45.5#



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN





#3

Chloromethane

Concen: 0.278 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN062406.D

Acq: 8 Jul 2020 14:37

Instrument :

MSVOA_N

ClientSampleId :

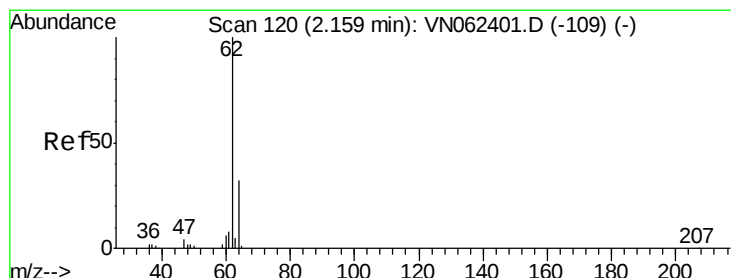
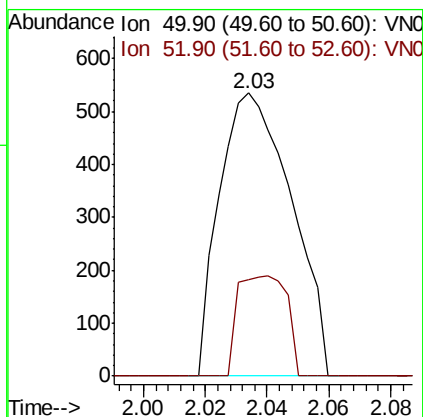
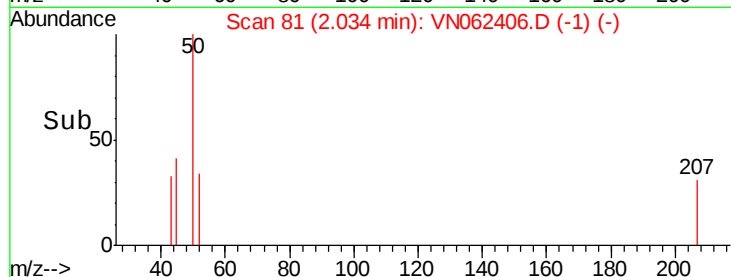
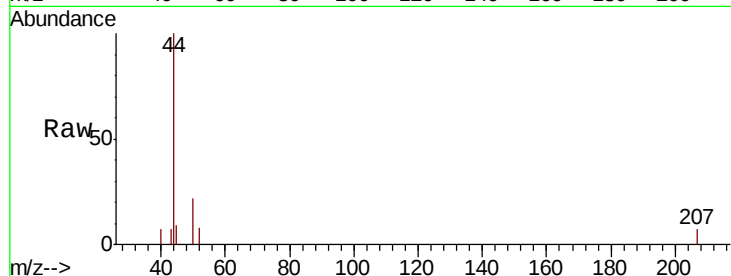
LOD-MDL-WATER-01-QT3-2020

Tot Ion: 50 Resp: 866

Ion Ratio Lower Upper

50 100

52 34.2 25.5 38.3



#4

Vinyl Chloride

Concen: 0.205 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN062406.D

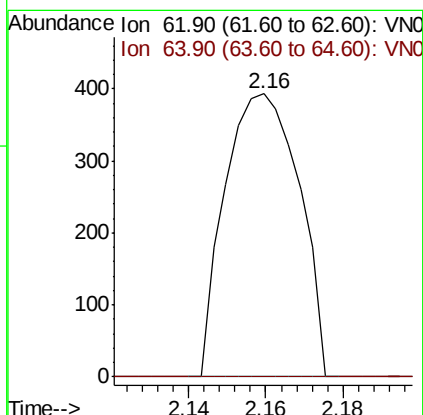
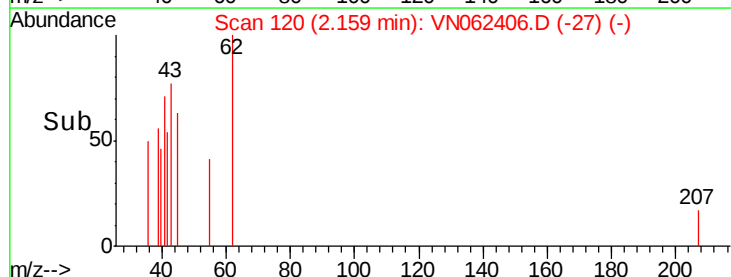
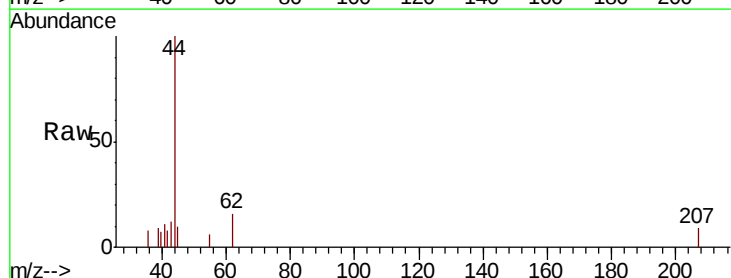
Acq: 8 Jul 2020 14:37

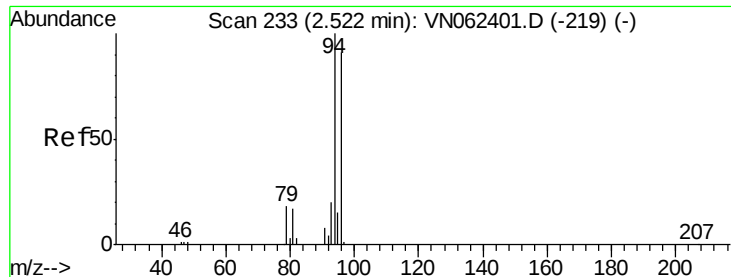
Tgt Ion: 62 Resp: 524

Ion Ratio Lower Upper

62 100

64 0.0 25.7 38.5#





#5

Bromomethane

Concen: 0.289 ug/l

RT: 2.54 min Scan# 237

Delta R.T. 0.01 min

Lab File: VN062406.D

Acq: 8 Jul 2020 14:37

Instrument :

MSVOA_N

ClientSampleId :

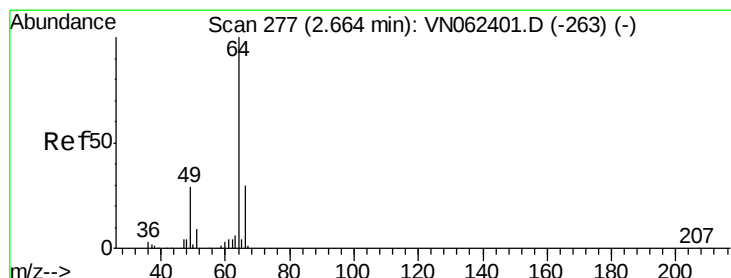
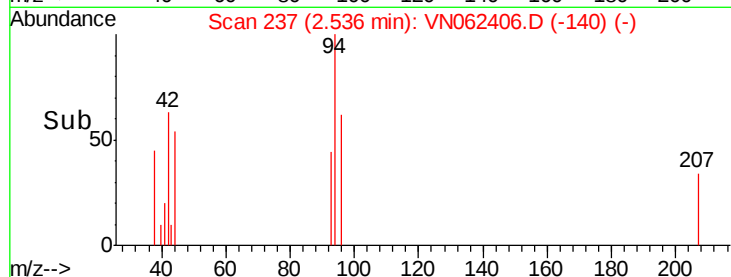
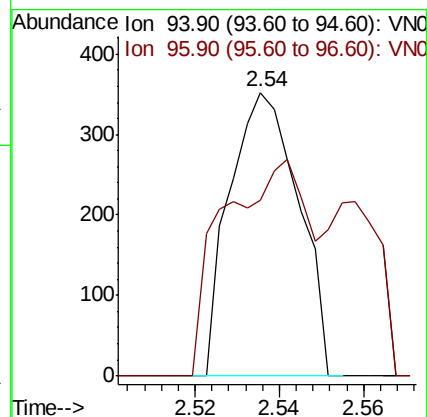
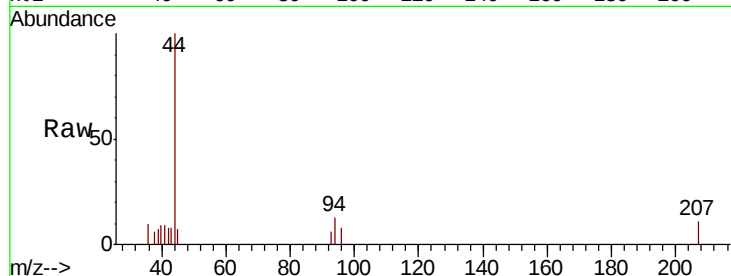
LOD-MDL-WATER-01-QT3-2020

Tot Ion: 94 Resp: 397

Ion Ratio Lower Upper

94 100

96 62.2 73.2 109.8#



#6

Chloroethane

Concen: 0.102 ug/l

RT: 2.66 min Scan# 277

Delta R.T. 0.00 min

Lab File: VN062406.D

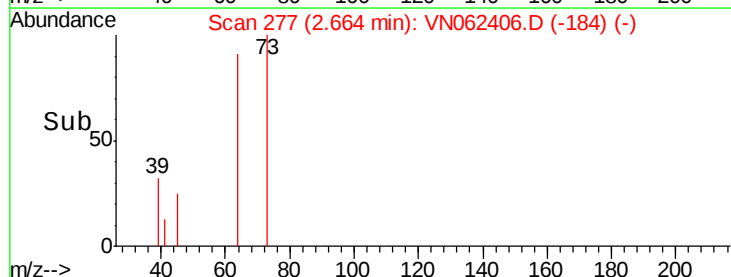
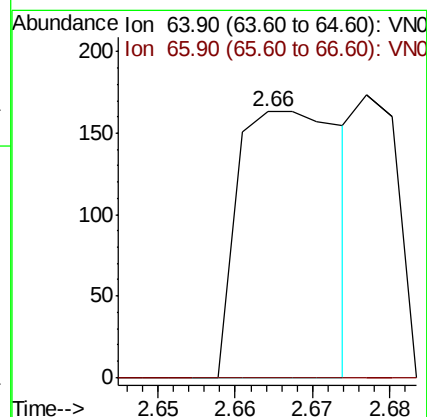
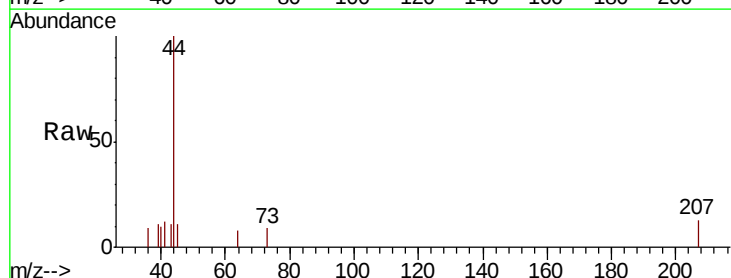
Acq: 8 Jul 2020 14:37

Tgt Ion: 64 Resp: 152

Ion Ratio Lower Upper

64 100

66 0.0 24.2 36.2#



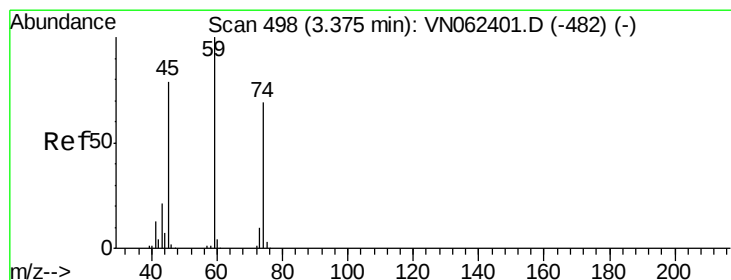
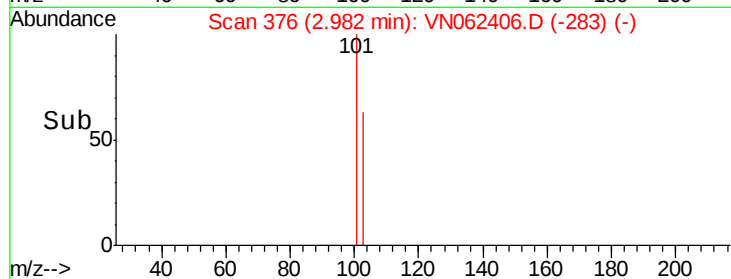
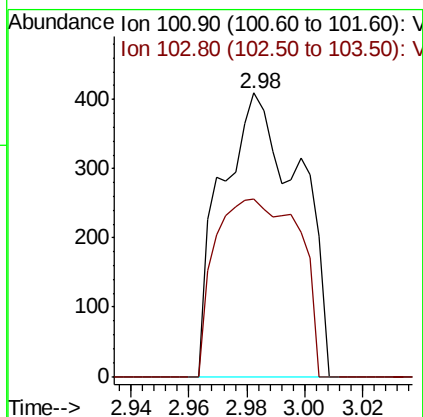
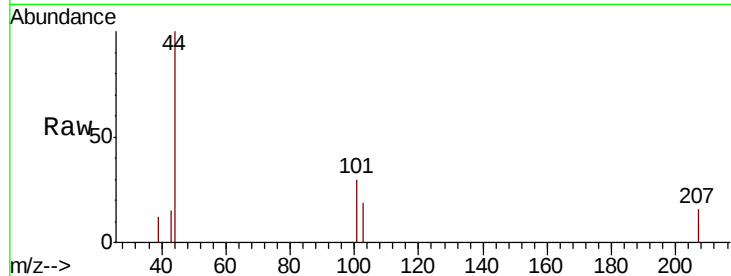


#7

Trichlorofluoromethane
 Concen: 0.235 ug/l
 RT: 2.98 min Scan# 376
 Delta R.T. 0.00 min
 Lab File: VN062406.D
 Acq: 8 Jul 2020 14:37

Instrument :
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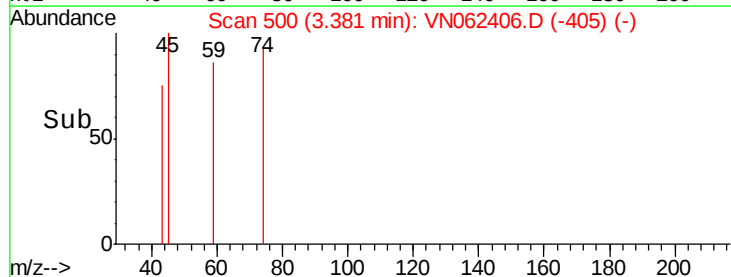
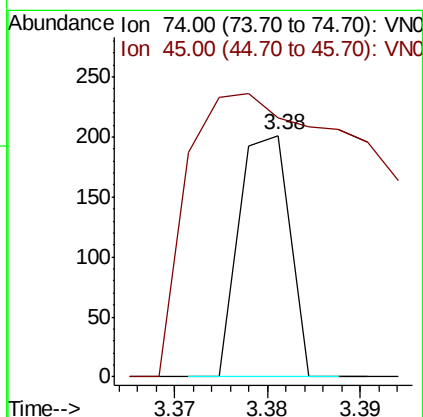
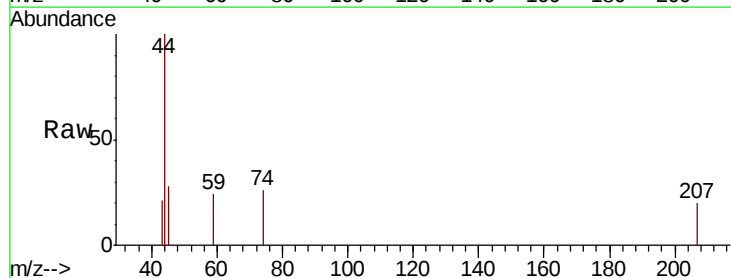
Tot Ion: 101 Resp: 762
 Ion Ratio Lower Upper
 101 100
 103 62.8 51.6 77.4

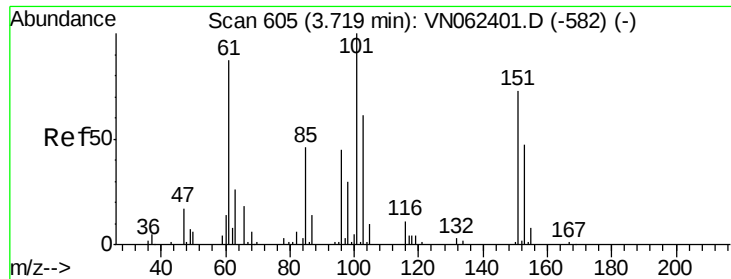


#8

Diethyl Ether
 Concen: 0.052 ug/l
 RT: 3.38 min Scan# 500
 Delta R.T. 0.01 min
 Lab File: VN062406.D
 Acq: 8 Jul 2020 14:37

Tgt Ion: 74 Resp: 76
 Ion Ratio Lower Upper
 74 100
 45 418.4 58.5 175.3#





#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.130 ug/l

RT: 3.72 min Scan# 606

Delta R.T. 0.00 min

Lab File: VN062406.D

Acq: 8 Jul 2020 14:37

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

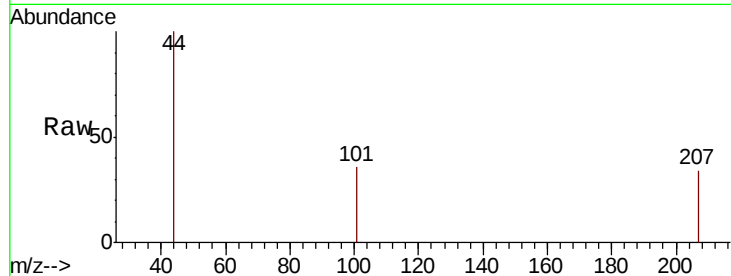
Tot Ion:101 Resp: 251

Ion Ratio Lower Upper

101 100

85 0.0 36.7 55.1#

151 12.0 58.3 87.5#



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V

3.72

200

150

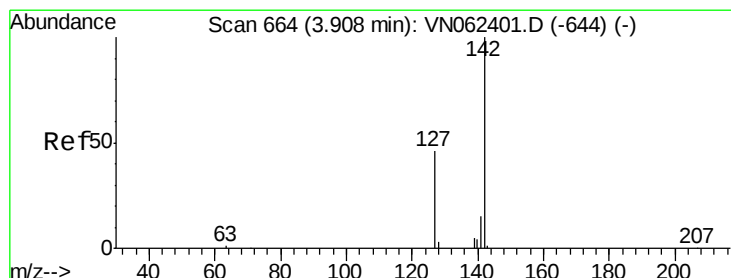
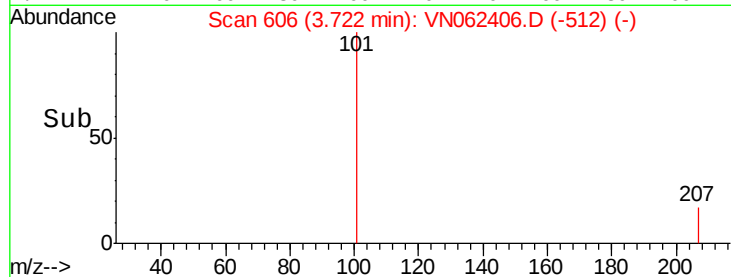
100

50

0

3.70 3.72 3.74

Time-->



#10

Methyl Iodide

Concen: 0.038 ug/l

RT: 3.92 min Scan# 667

Delta R.T. 0.01 min

Lab File: VN062406.D

Acq: 8 Jul 2020 14:37

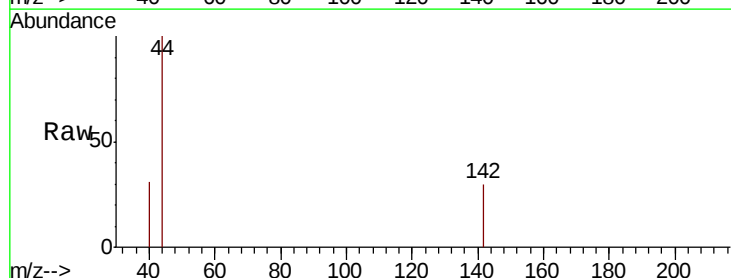
Tgt Ion:142 Resp: 97

Ion Ratio Lower Upper

142 100

127 0.0 36.1 54.1#

141 0.0 11.4 17.0#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

3.92

200

150

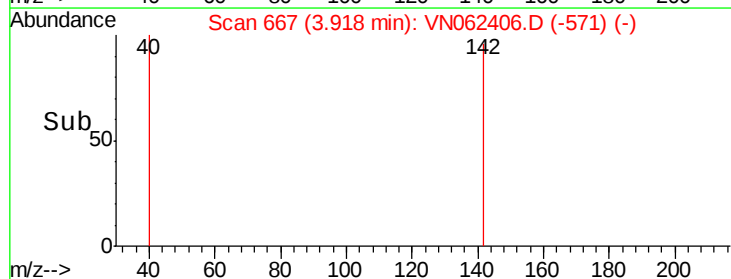
100

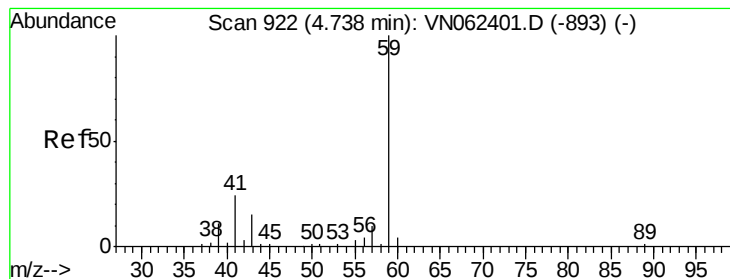
50

0

3.90 3.91 3.92 3.93

Time-->



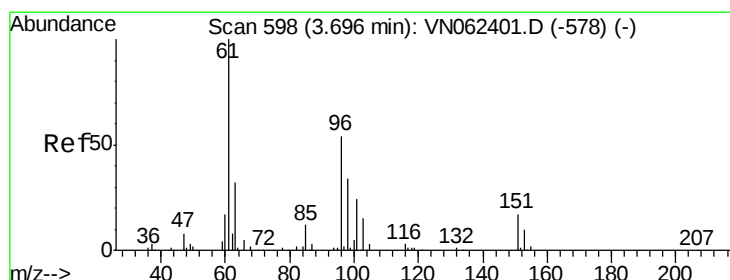
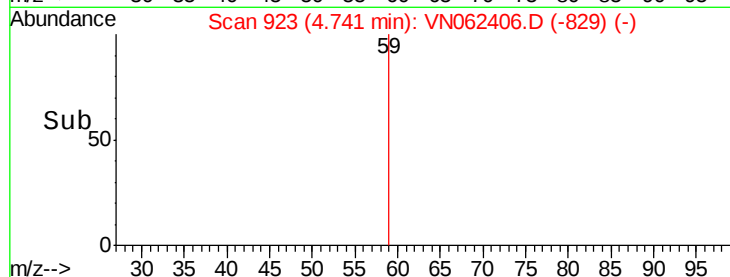
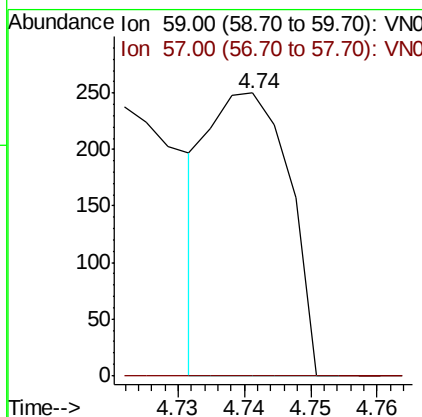
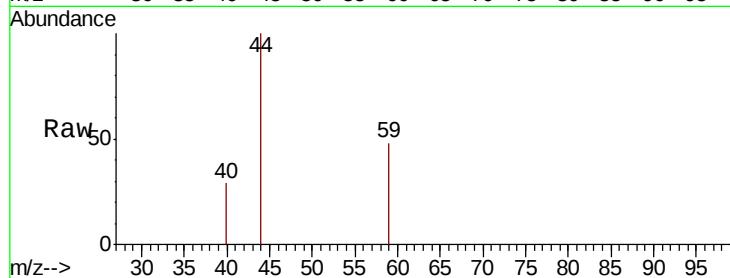


#11

Tert butyl alcohol
Concen: 0.433 ug/l
RT: 4.74 min Scan# 923
Delta R.T. 0.00 min
Lab File: VN062406.D
Acq: 8 Jul 2020 14:37

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

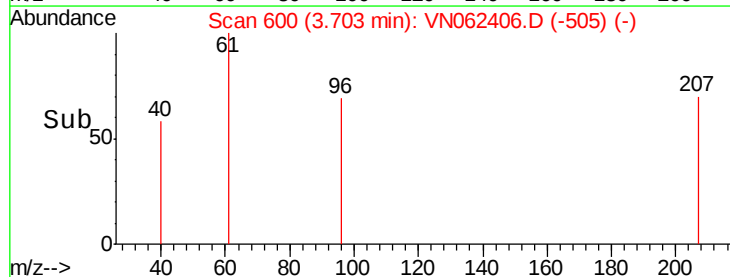
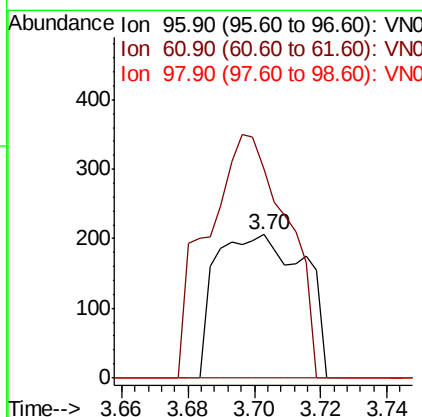
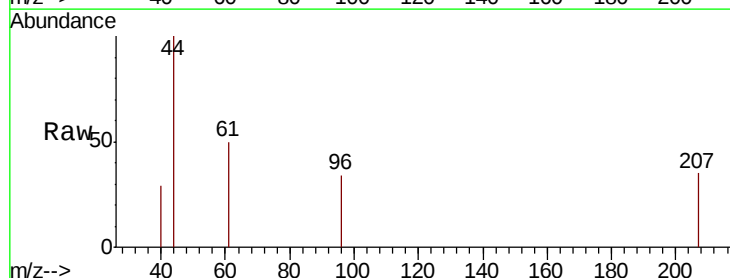
Tot Ion: 59 Resp: 211
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#

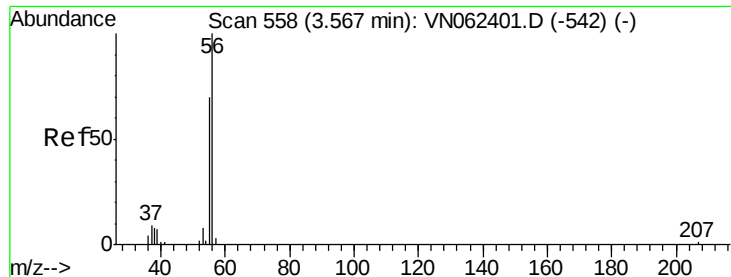


#12

1,1-Dichloroethene
Concen: 0.195 ug/l
RT: 3.70 min Scan# 600
Delta R.T. 0.01 min
Lab File: VN062406.D
Acq: 8 Jul 2020 14:37

Tgt Ion: 96 Resp: 382
Ion Ratio Lower Upper
96 100
61 145.6 147.4 221.0#
98 0.0 50.4 75.6#





#13

Acrolein

Concen: 0.709 ug/l

RT: 3.58 min Scan# 562

Delta R.T. 0.01 min

Lab File: VN062406.D

Acq: 8 Jul 2020 14:37

Instrument :

MSVOA_N

ClientSampleId :

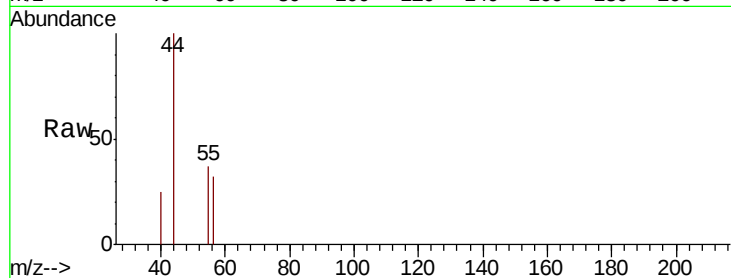
LOD-MDL-WATER-01-QT3-2020

Tot Ion: 56 Resp: 249

Ion Ratio Lower Upper

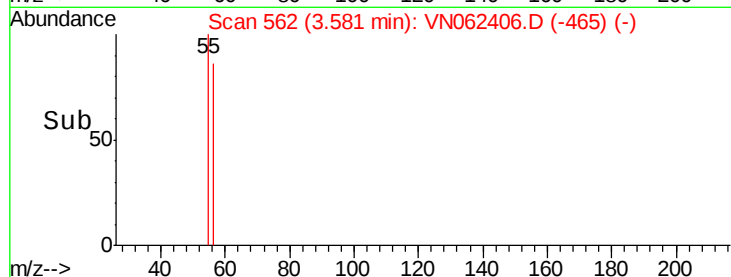
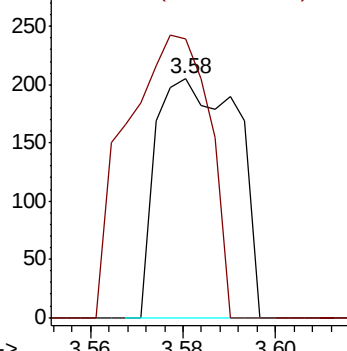
56 100

55 120.9 57.2 85.8#

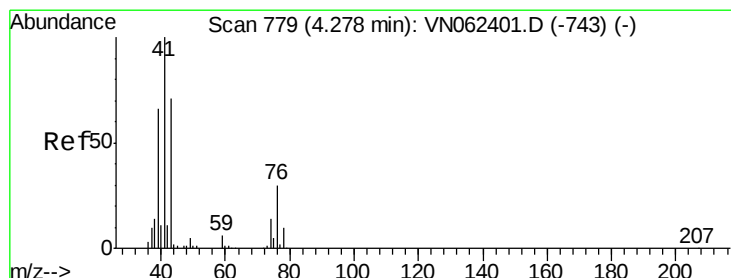


Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



Time-->



#14

Allyl chloride

Concen: 0.088 ug/l

RT: 4.28 min Scan# 781

Delta R.T. 0.01 min

Lab File: VN062406.D

Acq: 8 Jul 2020 14:37

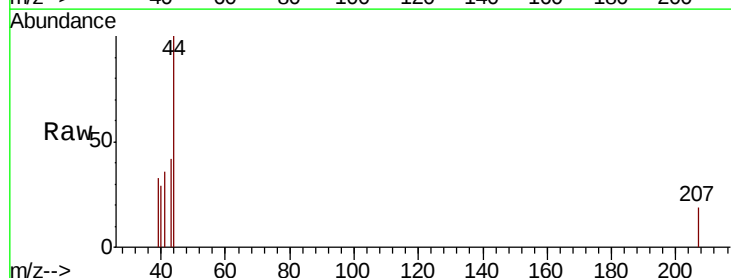
Tgt Ion: 41 Resp: 406

Ion Ratio Lower Upper

41 100

39 67.2 49.6 74.4

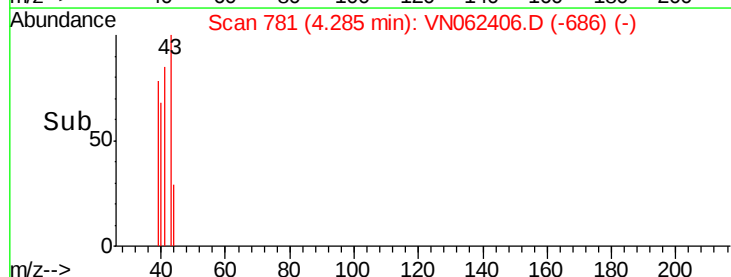
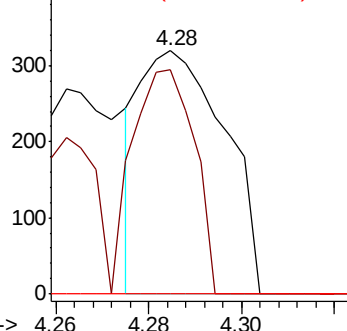
76 0.0 22.2 33.4#



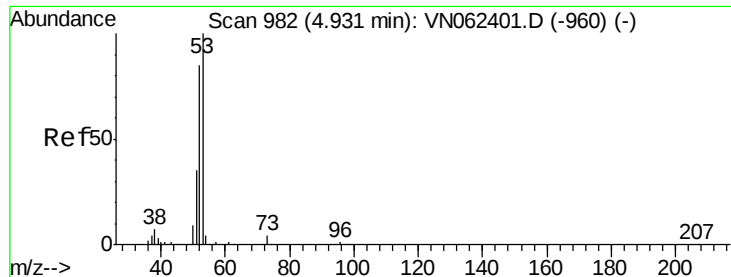
Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0



Time-->



#15

Acrylonitrile

Concen: 0.228 ug/l

RT: 4.94 min Scan# 984

Delta R.T. 0.01 min

Lab File: VN062406.D

Acq: 8 Jul 2020 14:37

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

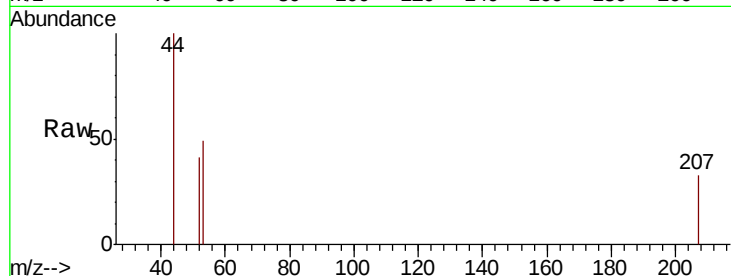
Tot Ion: 53 Resp: 291

Ion Ratio Lower Upper

53 100

52 0.0 66.2 99.4#

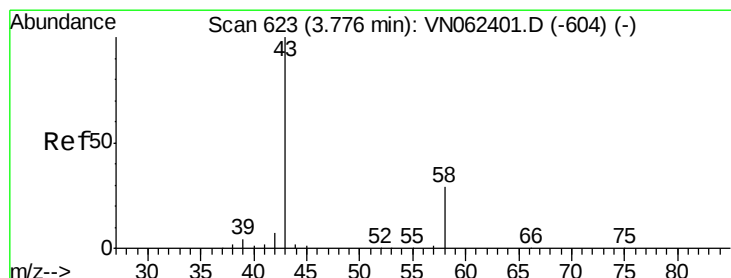
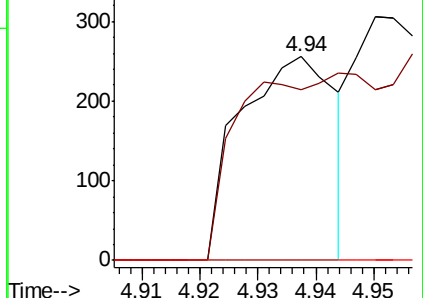
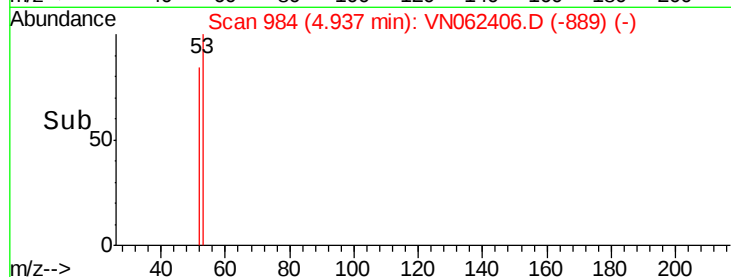
51 0.0 28.7 43.1#



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 1.001 ug/l

RT: 3.78 min Scan# 625

Delta R.T. 0.01 min

Lab File: VN062406.D

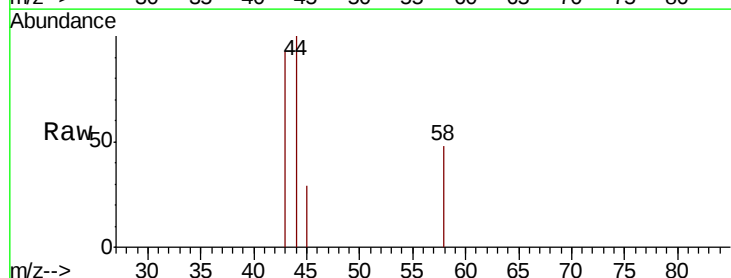
Acq: 8 Jul 2020 14:37

Tgt Ion: 43 Resp: 1248

Ion Ratio Lower Upper

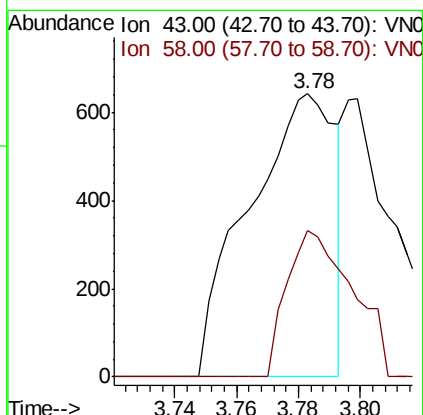
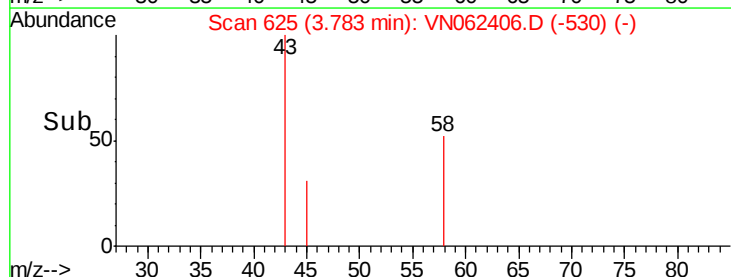
43 100

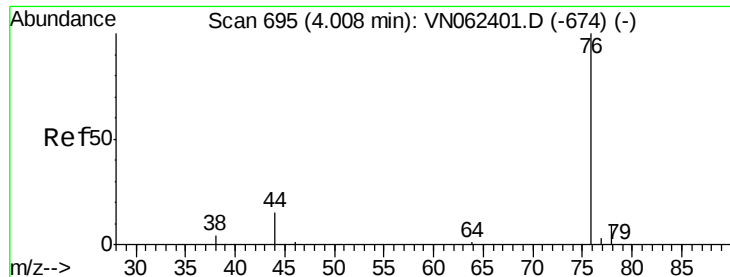
58 51.9 23.5 35.3#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 0.413 ug/l

RT: 4.01 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN062406.D

Acq: 8 Jul 2020 14:37

Instrument :

MSVOA_N

ClientSampleId :

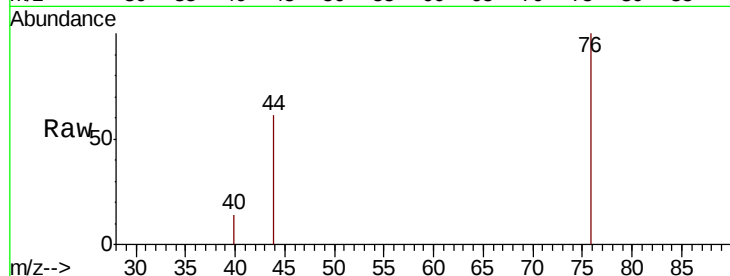
LOD-MDL-WATER-01-QT3-2020

Tot Ion: 76 Resp: 2535

Ion Ratio Lower Upper

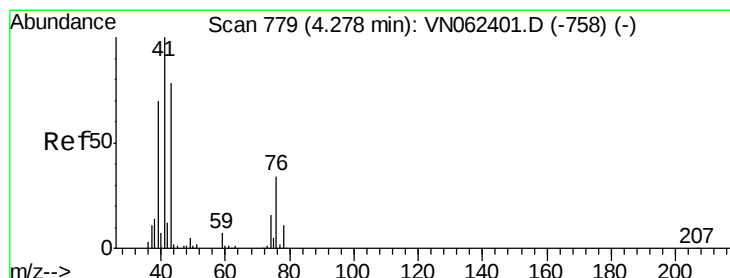
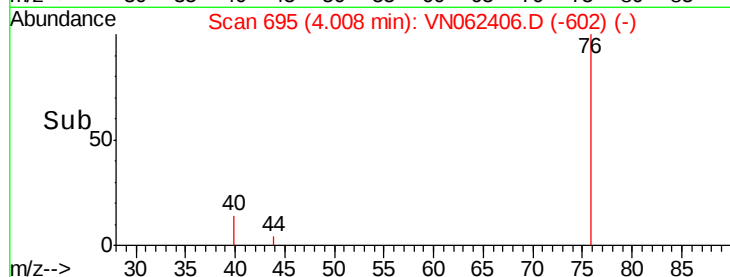
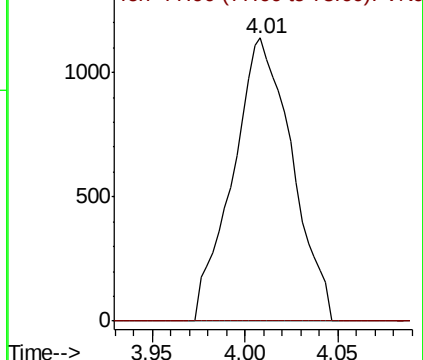
76 100

78 0.0 7.3 10.9#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 0.380 ug/l

RT: 4.29 min Scan# 782

Delta R.T. 0.01 min

Lab File: VN062406.D

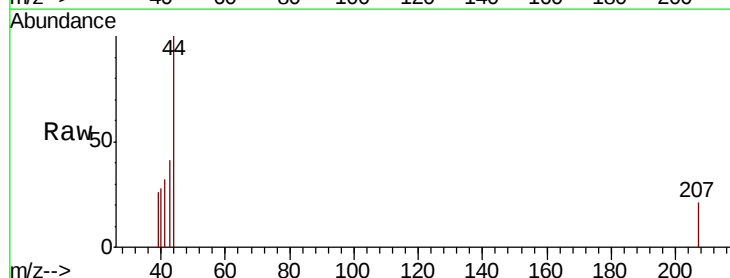
Acq: 8 Jul 2020 14:37

Tgt Ion: 43 Resp: 1181

Ion Ratio Lower Upper

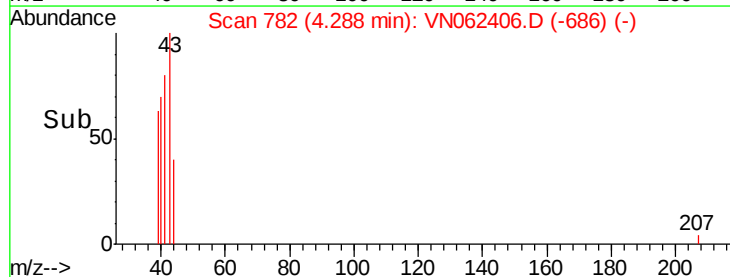
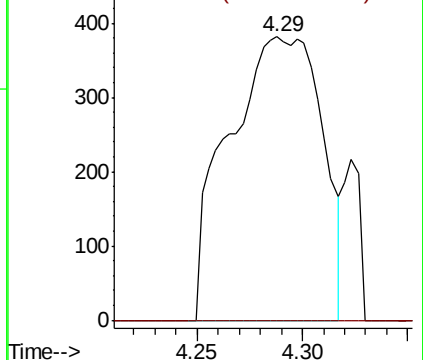
43 100

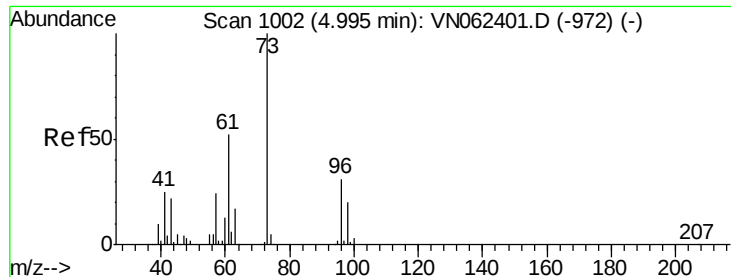
74 0.0 16.0 24.0#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

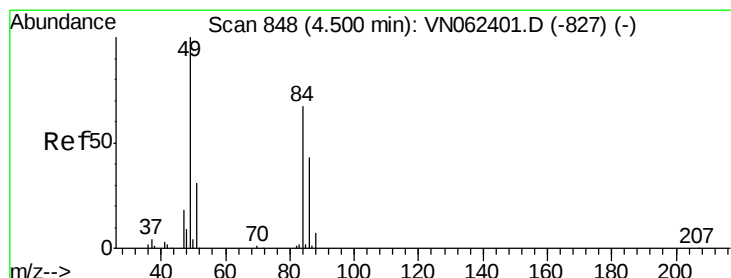
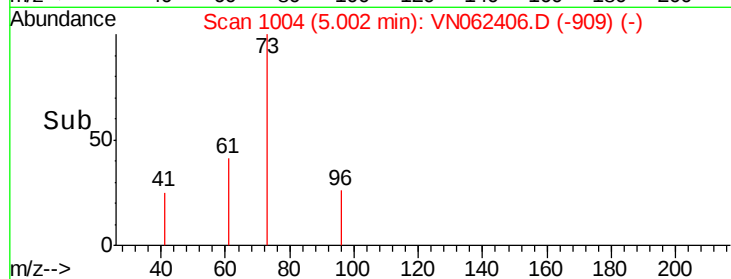
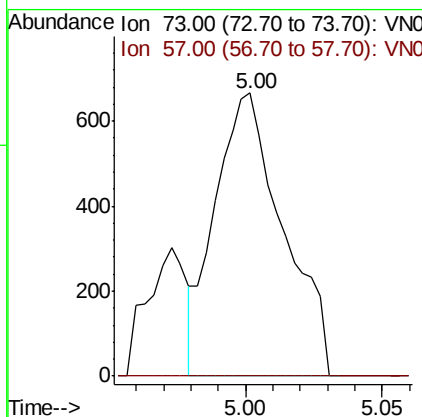
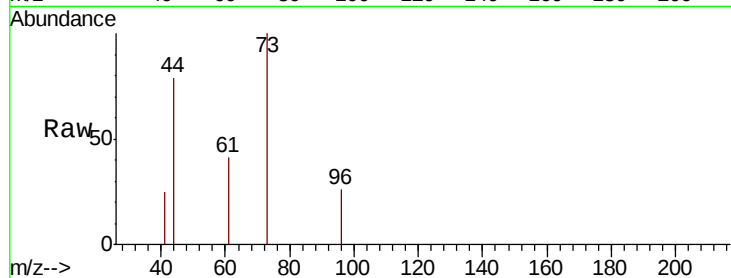




#19
Methvl tert-butvl Ether
Concen: 0.155 ug/l
RT: 5.00 min Scan# 1004
Delta R.T. 0.01 min
Lab File: VN062406.D
Acq: 8 Jul 2020 14:37

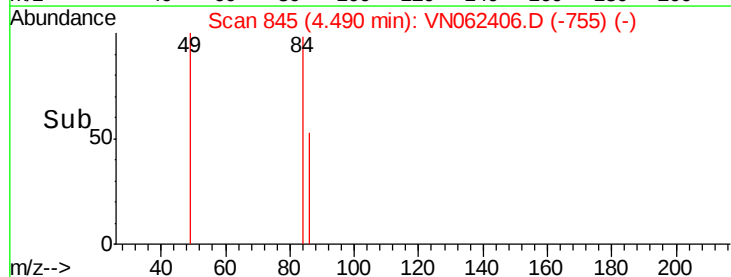
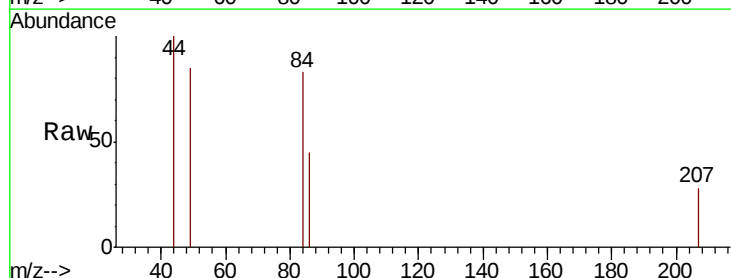
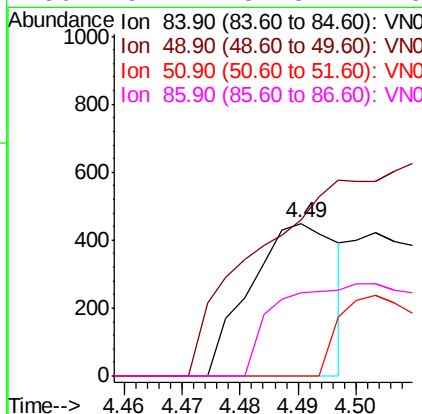
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

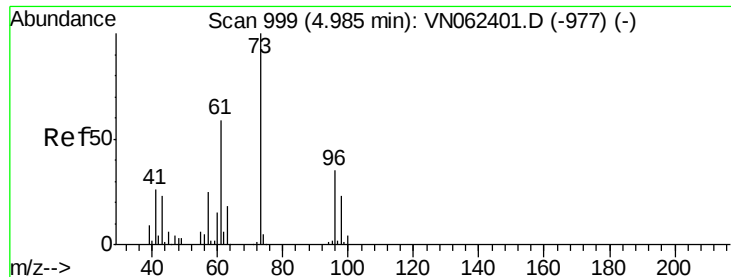
Tot Ion: 73 Resp: 1153
Ion Ratio Lower Upper
73 100
57 0.0 19.4 29.0#



#20
Methylene Chloride
Concen: 0.175 ug/l
RT: 4.49 min Scan# 845
Delta R.T. -0.01 min
Lab File: VN062406.D
Acq: 8 Jul 2020 14:37

Tgt Ion: 84 Resp: 466
Ion Ratio Lower Upper
84 100
49 102.2 120.0 180.0#
51 0.0 37.0 55.6#
86 54.7 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 0.095 ug/l

RT: 4.97 min Scan# 995

Delta R.T. -0.01 min

Lab File: VN062406.D

Acq: 8 Jul 2020 14:37

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

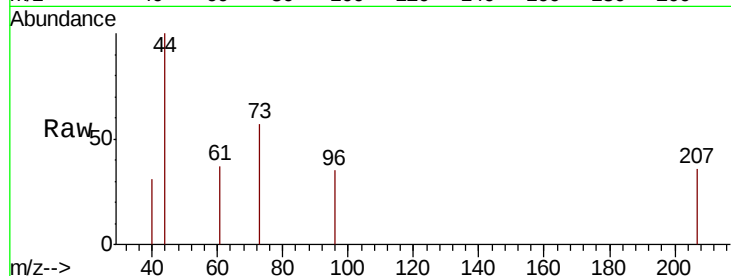
Tot Ion: 96 Resp: 201

Ion Ratio Lower Upper

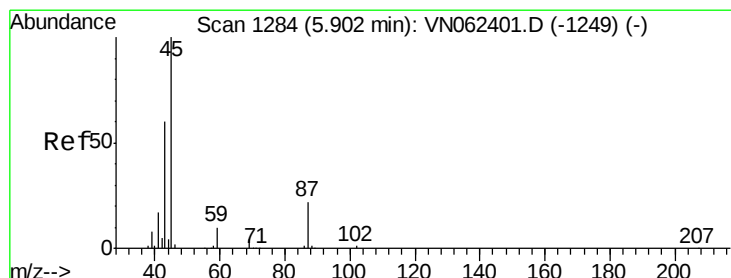
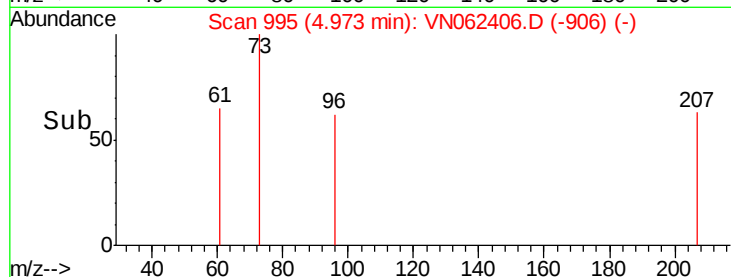
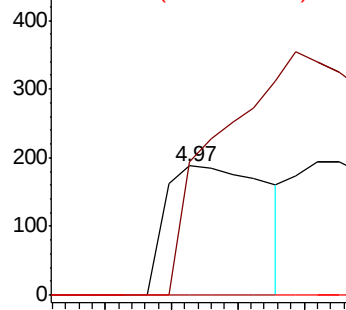
96 100

61 103.7 133.5 200.3#

98 0.0 51.9 77.9#



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



#22

Diisopropyl ether

Concen: 0.090 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. -0.01 min

Lab File: VN062406.D

Acq: 8 Jul 2020 14:37

Tgt Ion: 45 Resp: 817

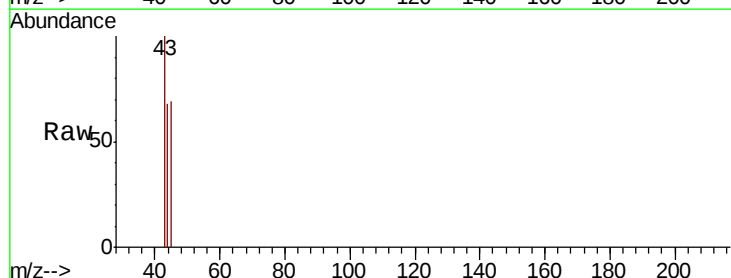
Ion Ratio Lower Upper

45 100

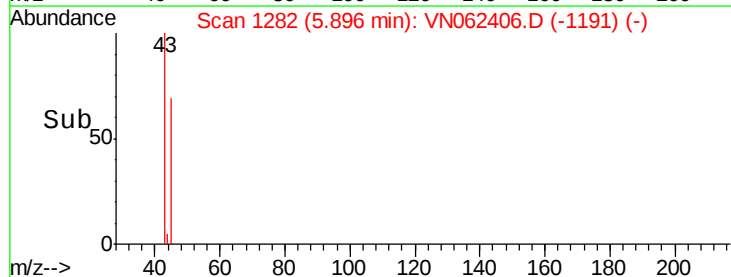
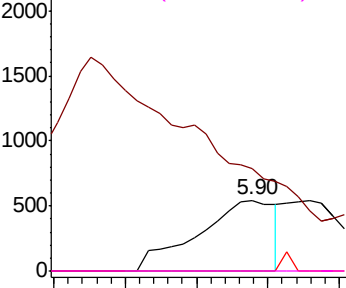
43 19.0 50.1 75.1#

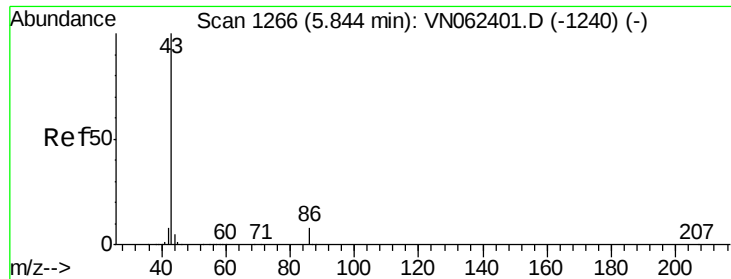
87 0.0 18.2 27.4#

59 0.0 8.2 12.2#



Abundance Ion 45.00 (44.70 to 45.70): VNC
Ion 43.00 (42.70 to 43.70): VNC
Ion 87.00 (86.70 to 87.70): VNC
Ion 59.00 (58.70 to 59.70): VNC





#23

Vinyl Acetate

Concen: 0.756 ug/l

RT: 5.85 min Scan# 1268

Delta R.T. 0.01 min

Lab File: VN062406.D

Acq: 8 Jul 2020 14:37

Instrument :

MSVOA_N

ClientSampleId :

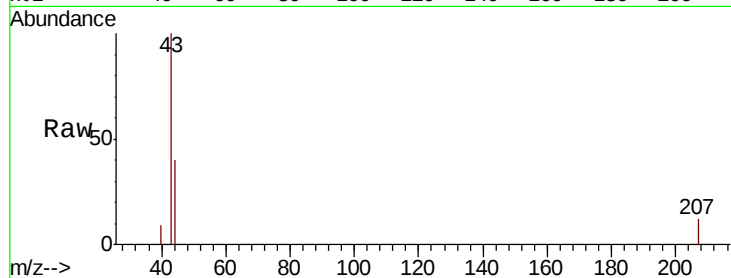
LOD-MDL-WATER-01-QT3-2020

Tot Ion: 43 Resp: 5703

Ion Ratio Lower Upper

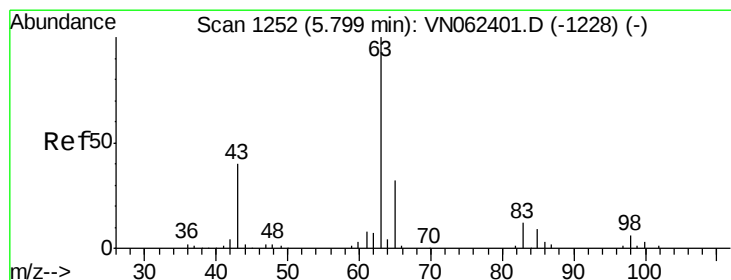
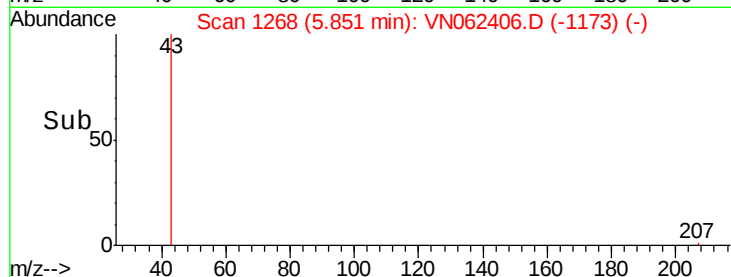
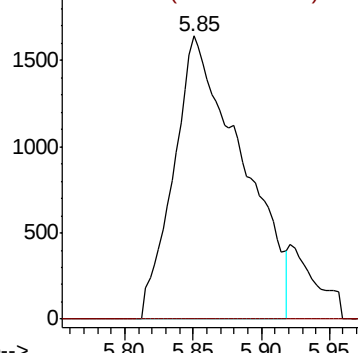
43 100

86 0.0 6.7 10.1#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 0.083 ug/l

RT: 5.79 min Scan# 1248

Delta R.T. -0.01 min

Lab File: VN062406.D

Acq: 8 Jul 2020 14:37

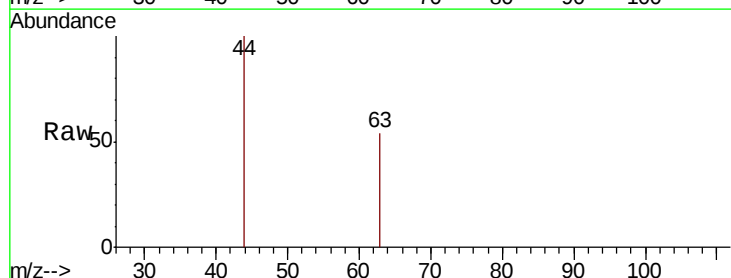
Tgt Ion: 63 Resp: 389

Ion Ratio Lower Upper

63 100

98 0.0 2.9 8.8#

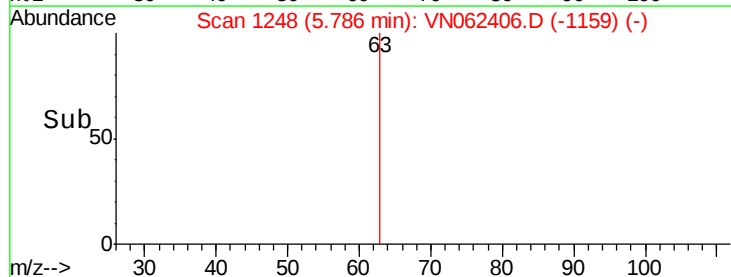
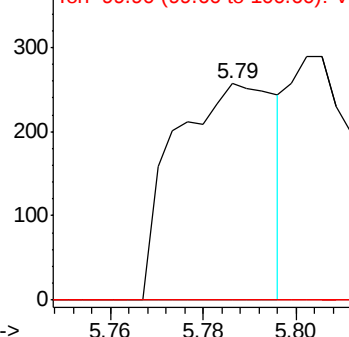
100 0.0 1.8 5.3#

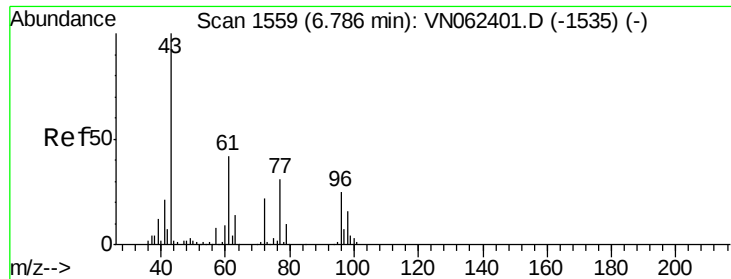


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 1.001 ug/l

RT: 6.79 min Scan# 1561

Delta R.T. 0.01 min

Lab File: VN062406.D

Acq: 8 Jul 2020 14:37

Instrument :

MSVOA_N

ClientSampleId :

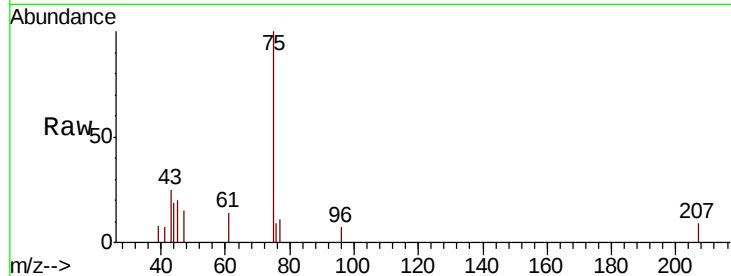
LOD-MDL-WATER-01-QT3-2020

Tot Ion: 43 Resp: 1822

Ion Ratio Lower Upper

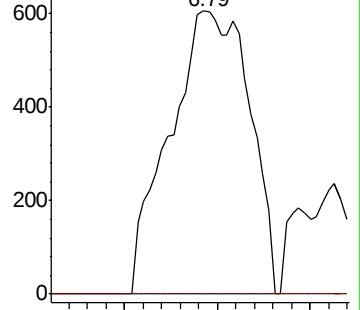
43 100

72 0.0 17.9 26.9#

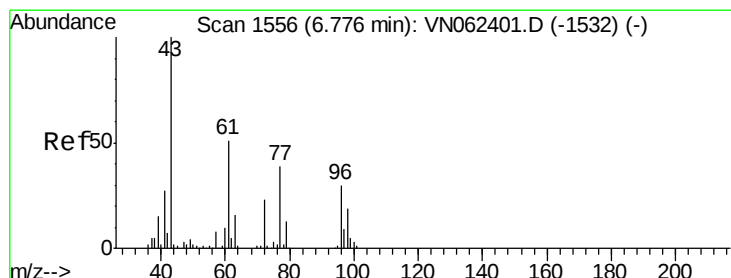
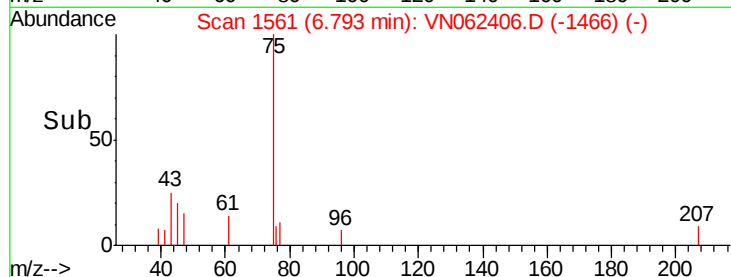


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



Time-->



#26

2,2-Dichloropropane

Concen: 0.206 ug/l

RT: 6.77 min Scan# 1555

Delta R.T. -0.00 min

Lab File: VN062406.D

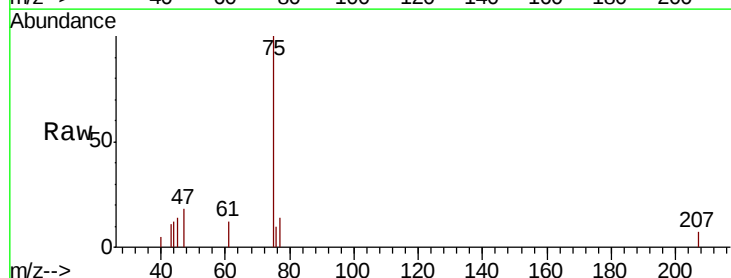
Acq: 8 Jul 2020 14:37

Tgt Ion: 77 Resp: 742

Ion Ratio Lower Upper

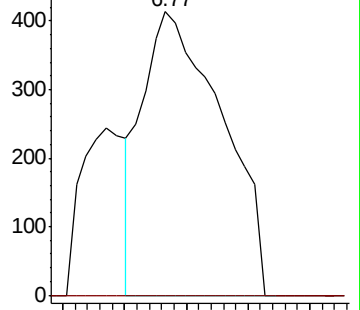
77 100

97 0.0 10.9 32.9#

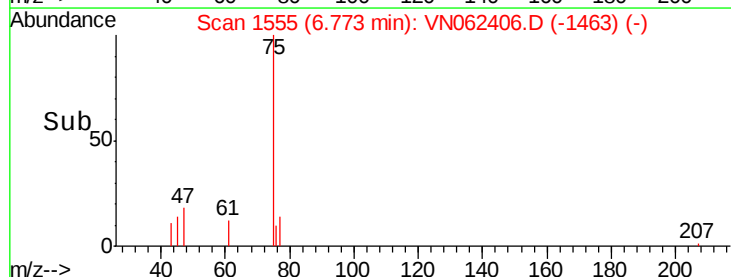


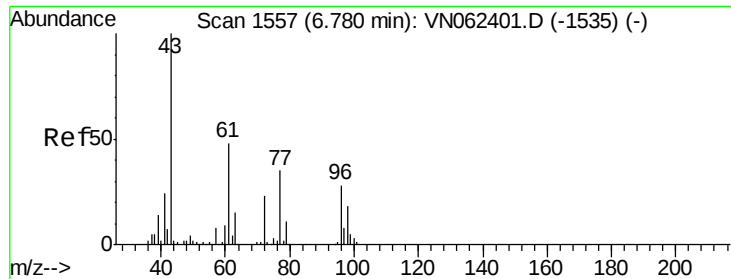
Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0



Time-->





#27

cis-1,2-Dichloroethene

Concen: 0.077 ug/l

RT: 6.79 min Scan# 1559

Delta R.T. 0.01 min

Lab File: VN062406.D

Acq: 8 Jul 2020 14:37

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

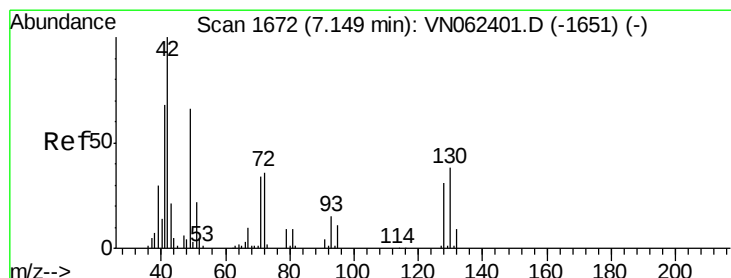
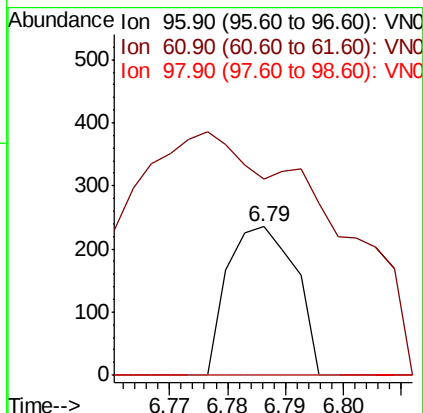
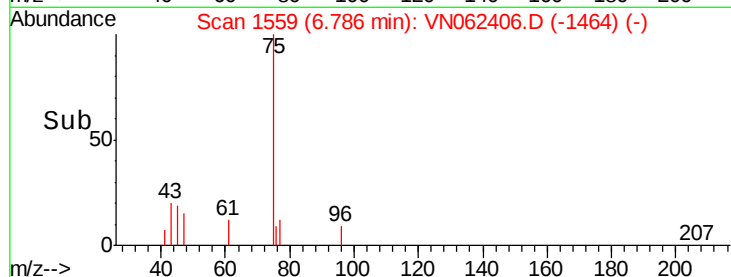
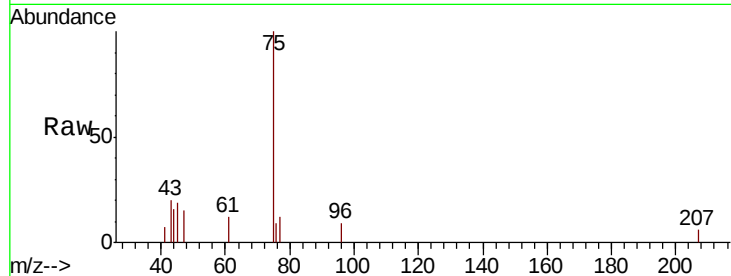
Tot Ion: 96 Resp: 190

Ion Ratio Lower Upper

96 100

61 528.4 0.0 343.4#

98 0.0 0.0 128.4



#28

Bromochloromethane

Concen: 0.143 ug/l

RT: 7.16 min Scan# 1675

Delta R.T. 0.01 min

Lab File: VN062406.D

Acq: 8 Jul 2020 14:37

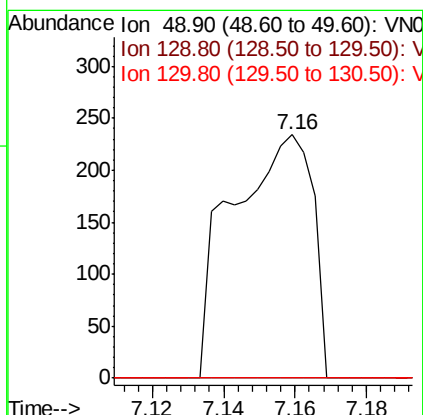
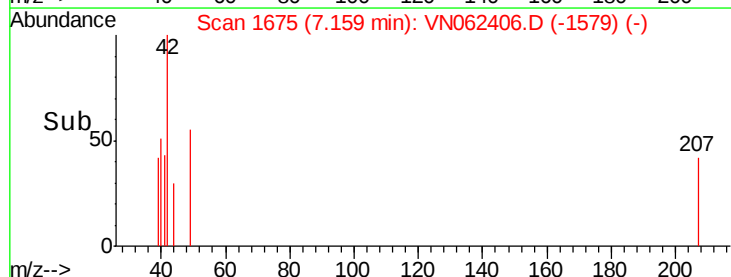
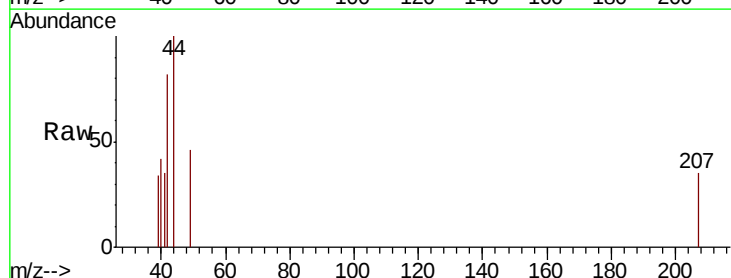
Tgt Ion: 49 Resp: 366

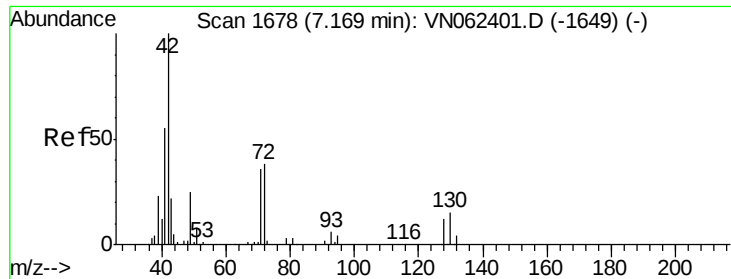
Ion Ratio Lower Upper

49 100

129 0.0 0.0 2.8

130 0.0 46.5 69.7#

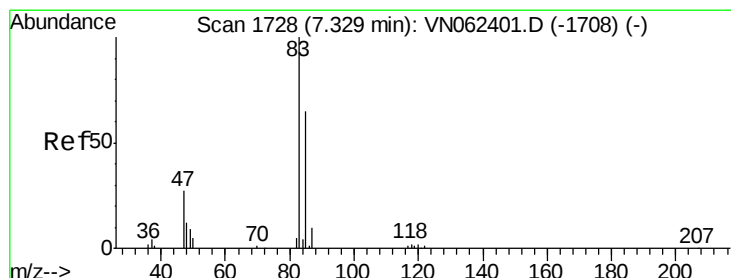
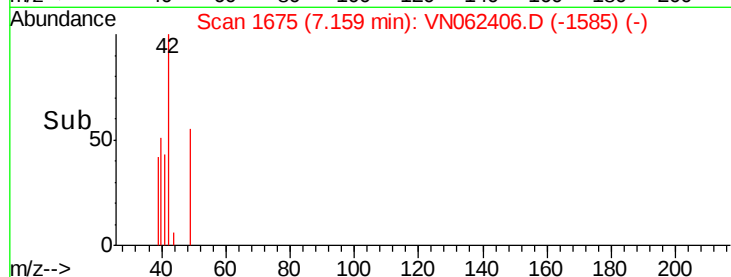
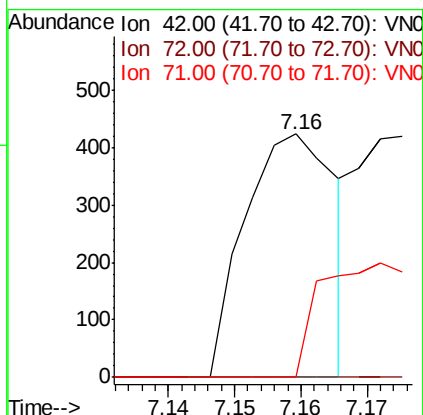
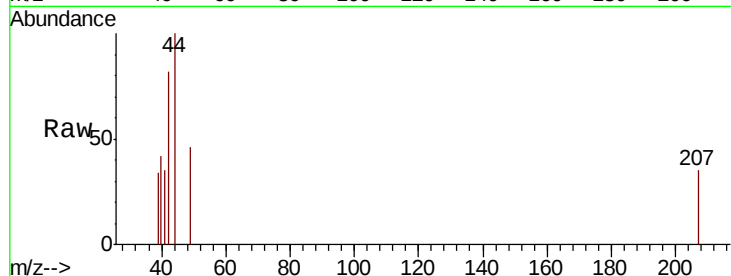




#29
Tetrahydrofuran
Concen: 0.328 ug/l
RT: 7.16 min Scan# 1675
Delta R.T. -0.01 min
Lab File: VN062406.D
Acq: 8 Jul 2020 14:37

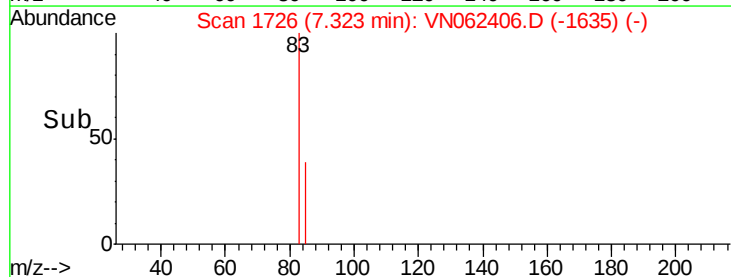
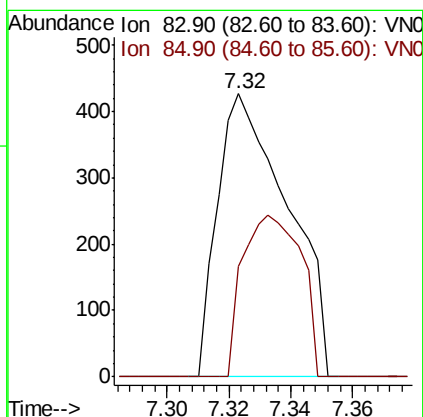
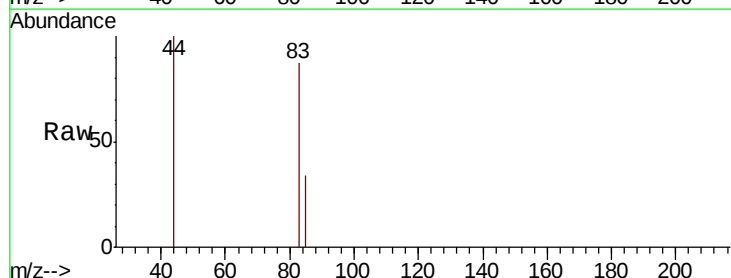
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

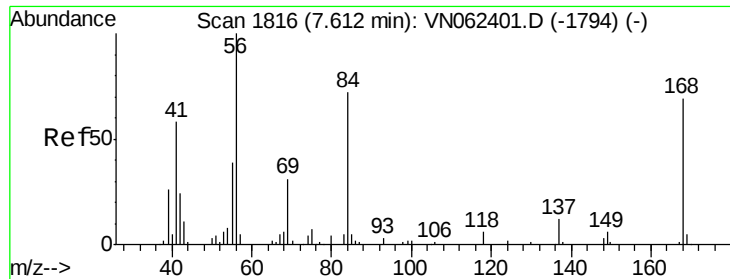
Tot Ion: 42 Resp: 402
Ion Ratio Lower Upper
42 100
72 0.0 29.1 43.7#
71 43.5 28.1 42.1#



#30
Chloroform
Concen: 0.158 ug/l
RT: 7.32 min Scan# 1726
Delta R.T. -0.01 min
Lab File: VN062406.D
Acq: 8 Jul 2020 14:37

Tgt Ion: 83 Resp: 673
Ion Ratio Lower Upper
83 100
85 38.9 51.8 77.6#

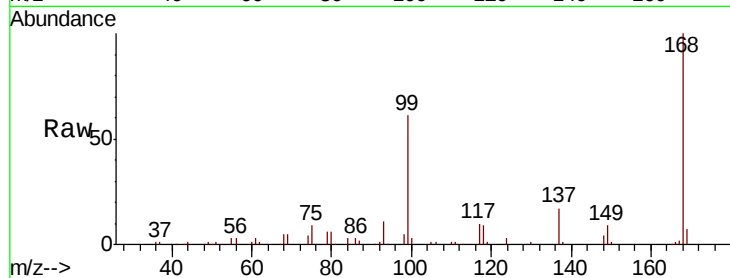




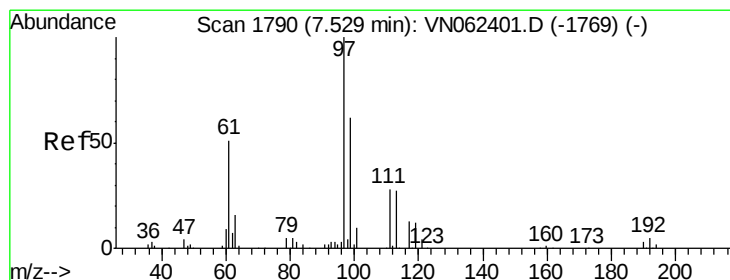
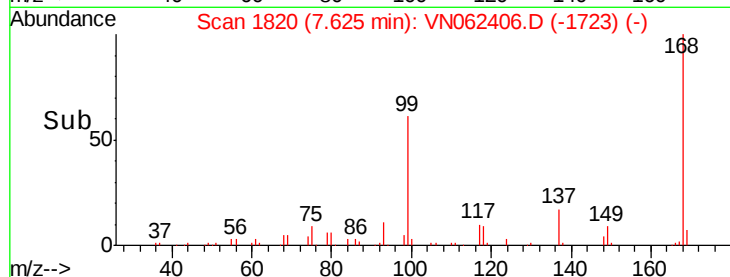
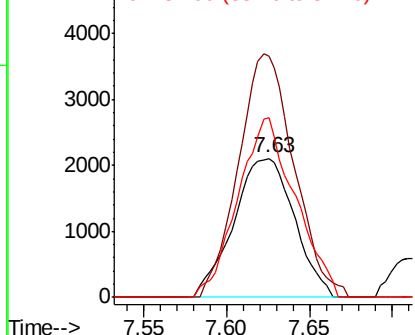
#31
Cyclohexane
Concen: 1.199 ug/l
RT: 7.63 min Scan# 1820
Delta R.T. 0.01 min
Lab File: VN062406.D
Acq: 8 Jul 2020 14:37

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

Tot Ion: 56 Resp: 5349
Ion Ratio Lower Upper
56 100
69 173.3 24.5 36.7#
84 129.3 57.4 86.2#

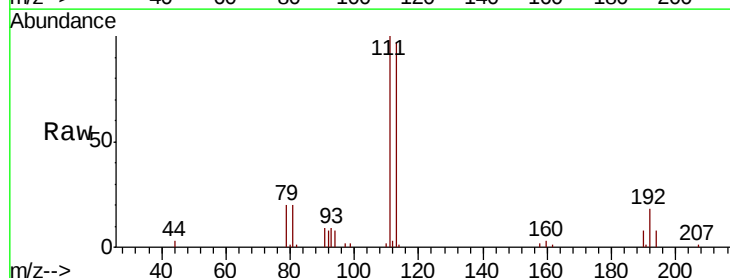


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

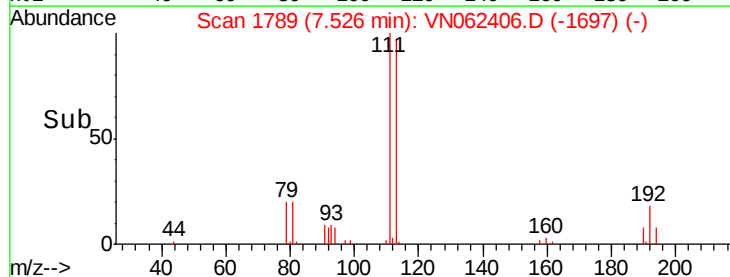
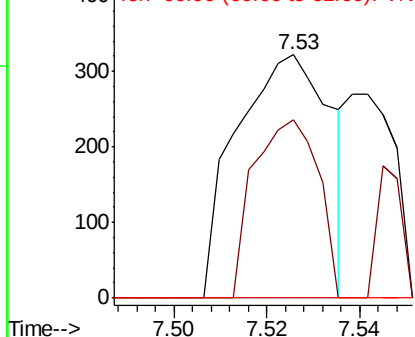


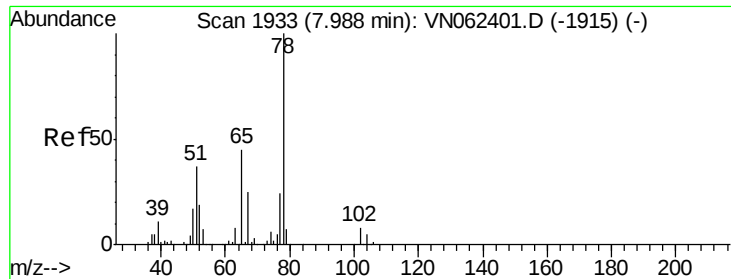
#32
1,1,1-Trichloroethane
Concen: 0.128 ug/l
RT: 7.53 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VN062406.D
Acq: 8 Jul 2020 14:37

Tgt Ion: 97 Resp: 454
Ion Ratio Lower Upper
97 100
99 0.0 50.4 75.6#
61 0.0 39.9 59.9#



Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 98.90 (98.60 to 99.60): VN0
Ion 60.90 (60.60 to 61.60): VN0

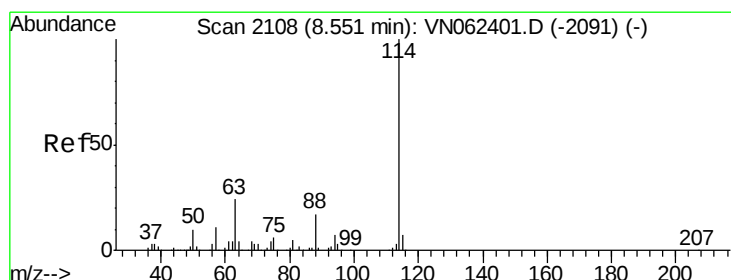
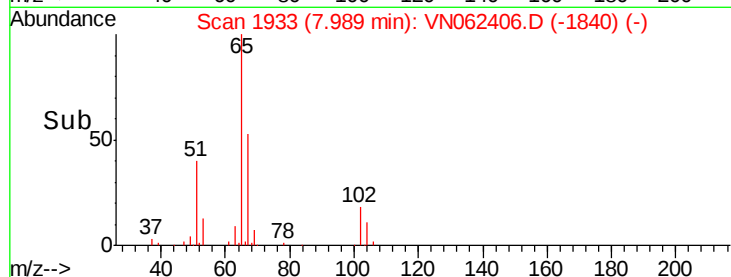
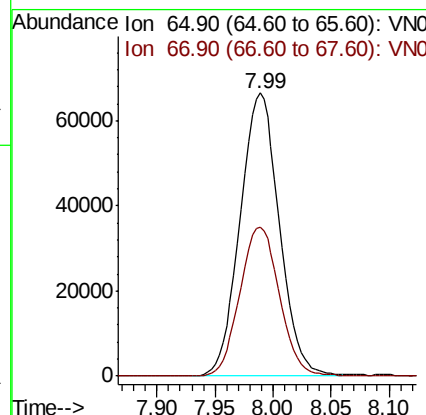
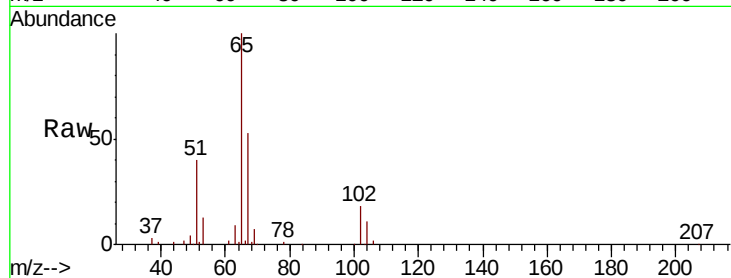




#33
 1,2-Dichloroethane-d4
 Concen: 53.370 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN062406.D
 Acq: 8 Jul 2020 14:37

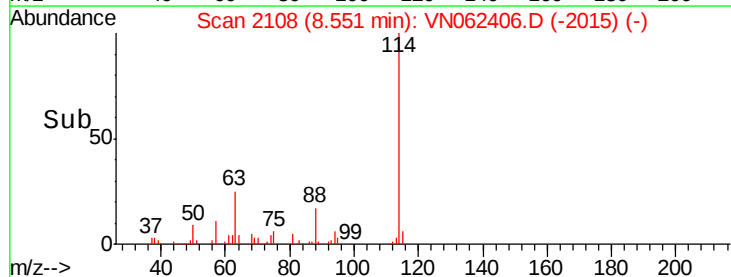
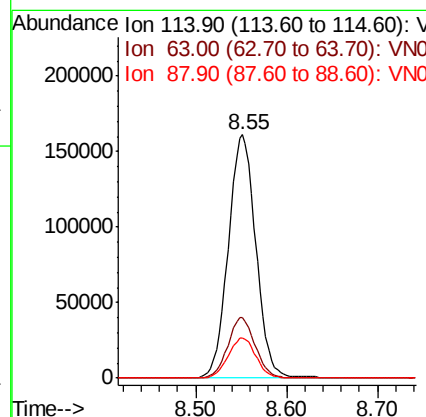
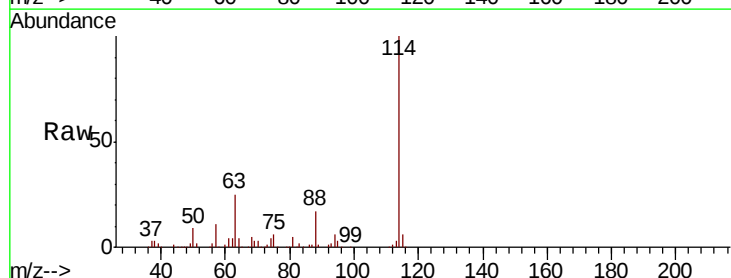
Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2020

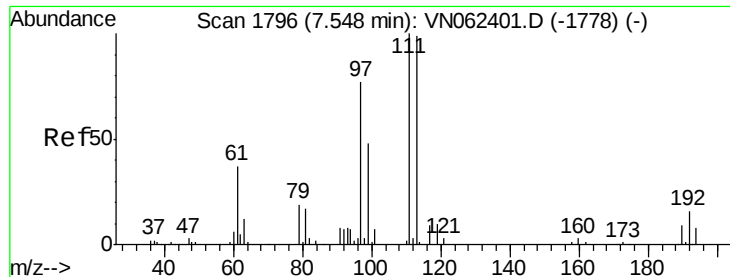
Tot Ion: 65 Resp: 156697
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN062406.D
 Acq: 8 Jul 2020 14:37

Tgt Ion: 114 Resp: 339260
 Ion Ratio Lower Upper
 114 100
 63 24.7 0.0 48.4
 88 16.6 0.0 33.8

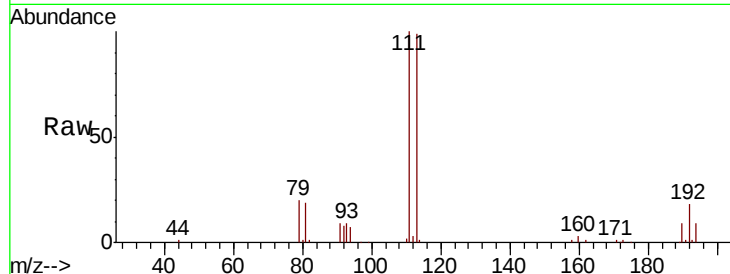




#35
 Dibromofluoromethane
 Concen: 52.162 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. 0.00 min
 Lab File: VN062406.D
 Acq: 8 Jul 2020 14:37

Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2020

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.6	83.1	124.7
192	18.0	14.1	21.1

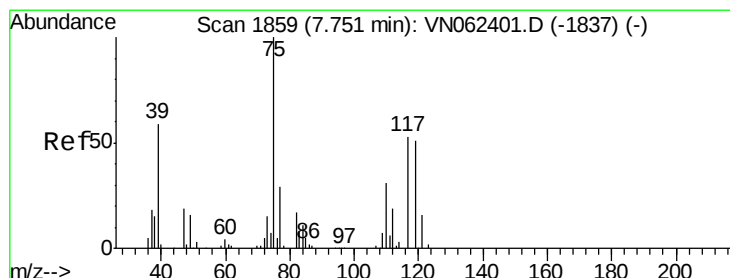
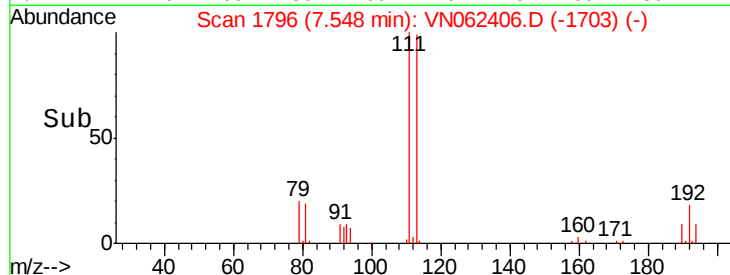
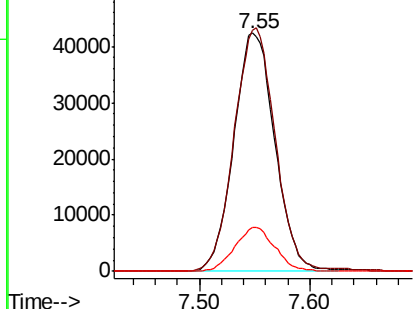


Abundance

Ion 112.80 (112.50 to 113.50): V

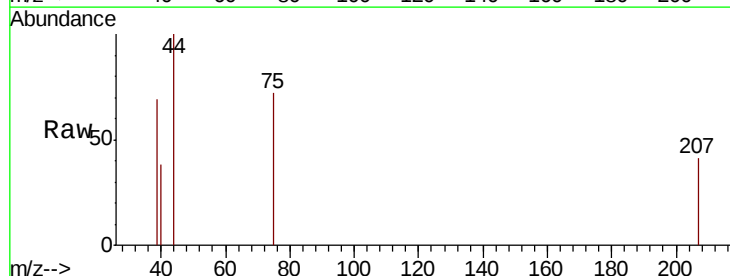
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 0.191 ug/l
 RT: 7.76 min Scan# 1861
 Delta R.T. 0.01 min
 Lab File: VN062406.D
 Acq: 8 Jul 2020 14:37

Tgt Ion	Ratio	Lower	Upper
75	100		
110	0.0	15.4	46.2#
77	0.0	24.1	36.1#

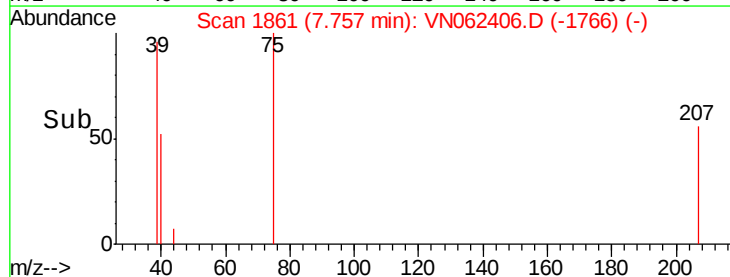
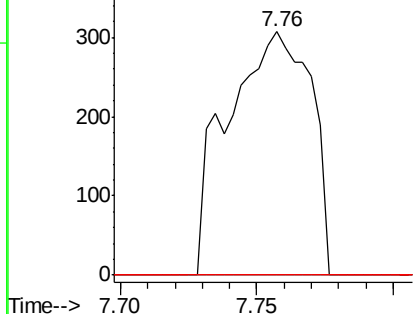


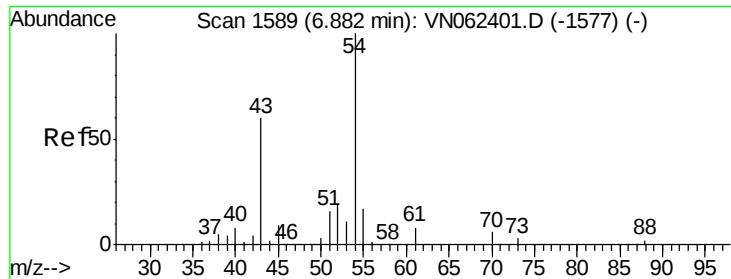
Abundance

Ion 74.90 (74.60 to 75.60): VN0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VN0

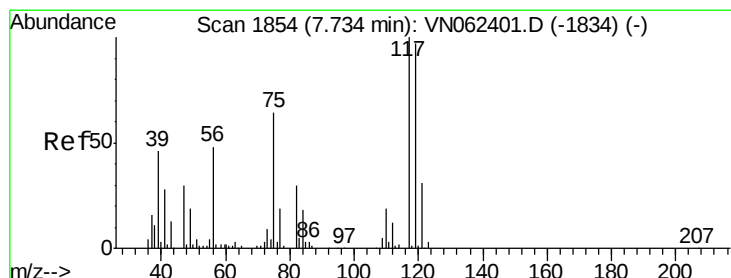
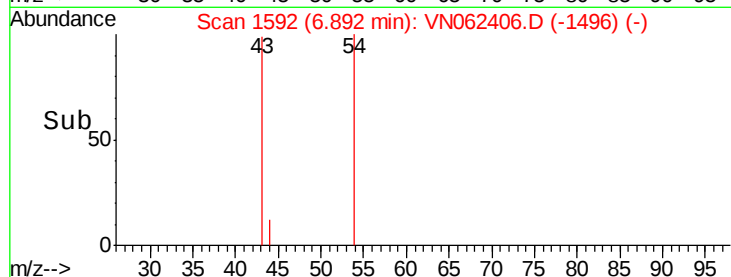
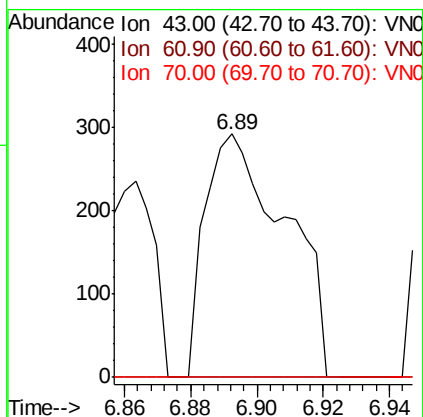
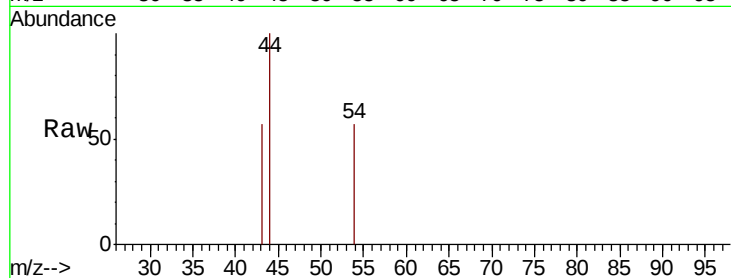




#37
Ethyl Acetate
Concen: 0.124 ug/l
RT: 6.89 min Scan# 1592
Delta R.T. 0.01 min
Lab File: VN062406.D
Acq: 8 Jul 2020 14:37

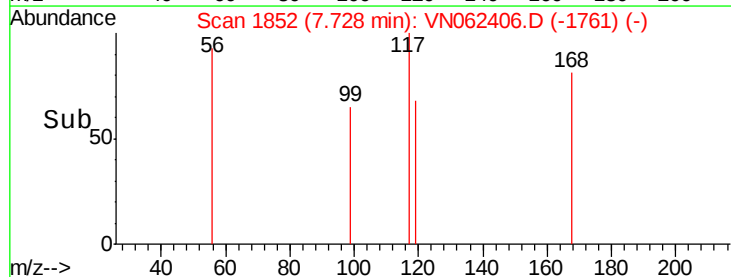
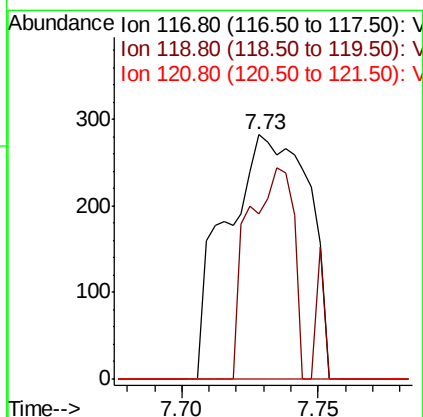
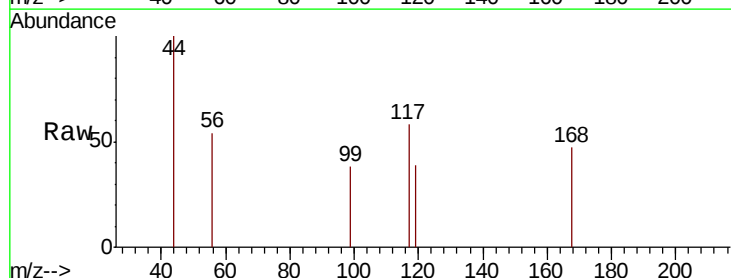
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

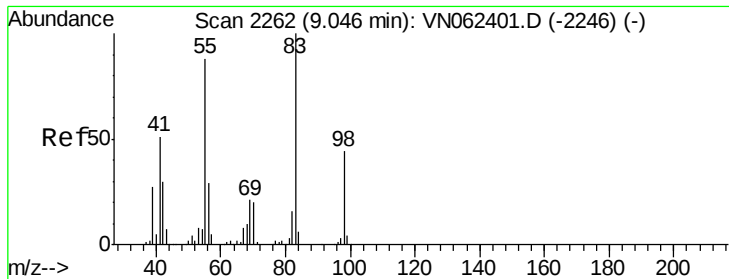
Tot Ion: 43 Resp: 494
Ion Ratio Lower Upper
43 100
61 0.0 10.7 16.1#
70 0.0 7.2 10.8#



#38
Carbon Tetrachloride
Concen: 0.194 ug/l
RT: 7.73 min Scan# 1852
Delta R.T. -0.01 min
Lab File: VN062406.D
Acq: 8 Jul 2020 14:37

Tgt Ion: 117 Resp: 595
Ion Ratio Lower Upper
117 100
119 67.7 77.2 115.8#
121 0.0 24.8 37.2#

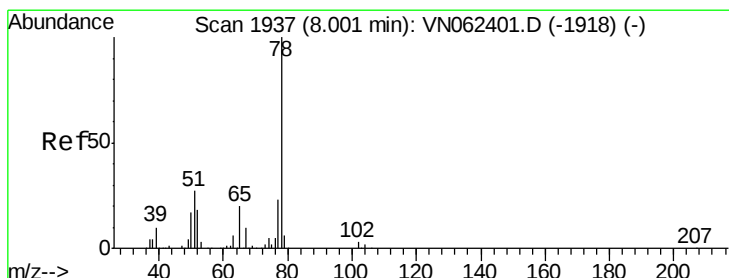
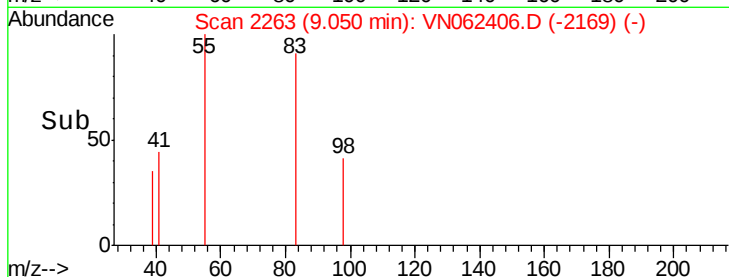
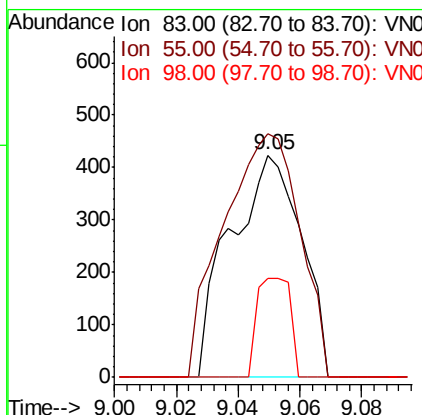
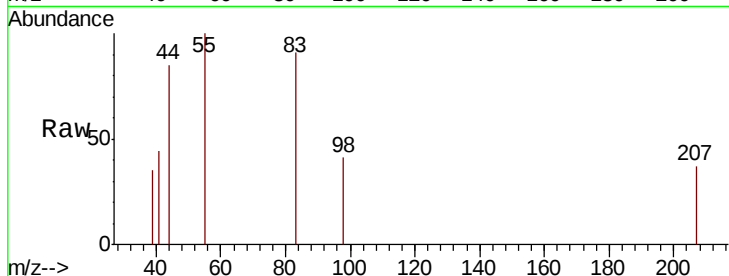




#39
Methvlcvclohexane
Concen: 0.186 ug/l
RT: 9.05 min Scan# 2263
Delta R.T. 0.00 min
Lab File: VN062406.D
Acq: 8 Jul 2020 14:37

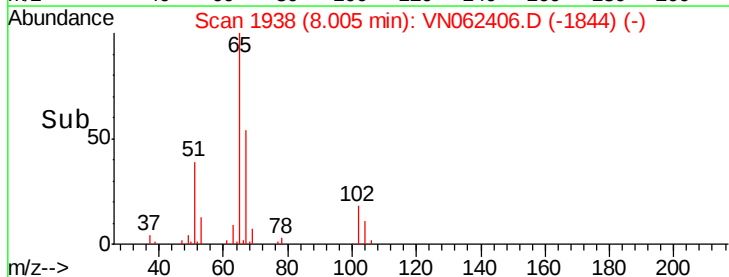
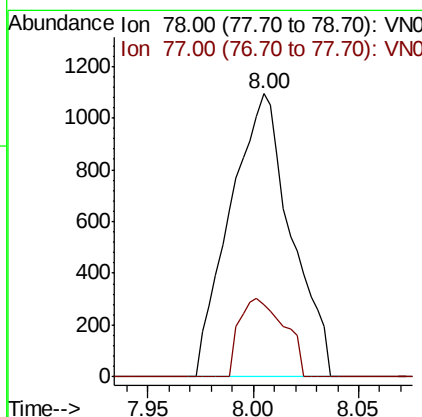
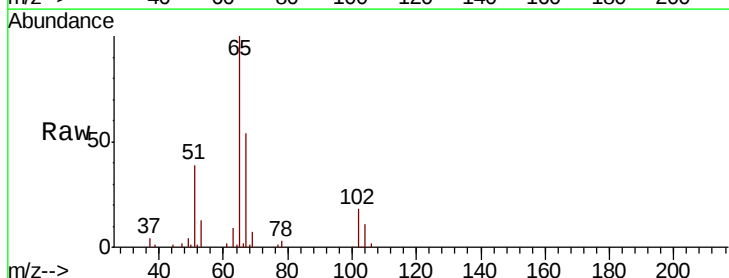
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

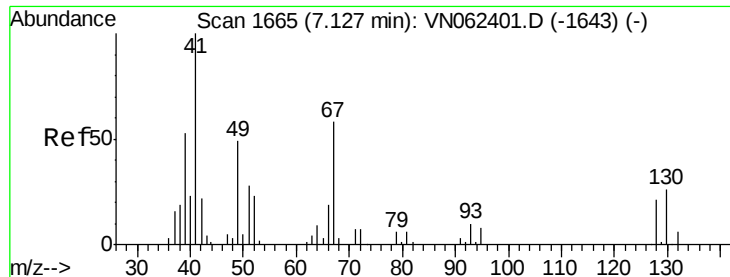
Tot Ion: 83 Resp: 679
Ion Ratio Lower Upper
83 100
55 109.7 70.5 105.7#
98 44.7 35.5 53.3



#40
Benzene
Concen: 0.218 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. 0.00 min
Lab File: VN062406.D
Acq: 8 Jul 2020 14:37

Tgt Ion: 78 Resp: 2193
Ion Ratio Lower Upper
78 100
77 25.7 18.7 28.1

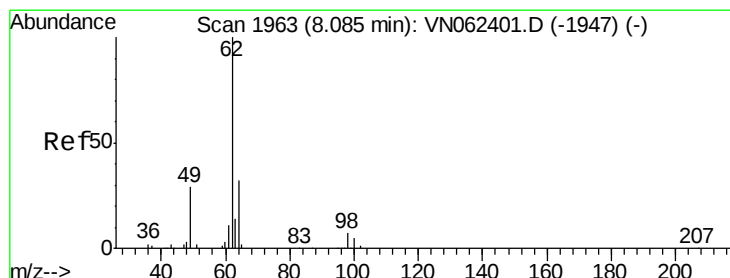
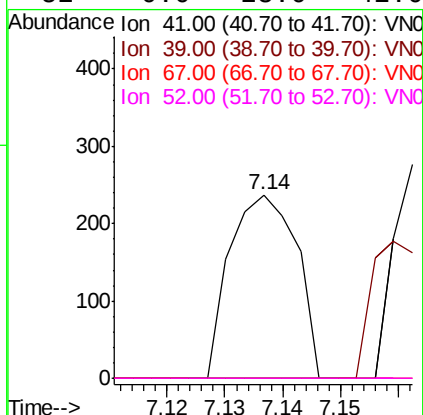
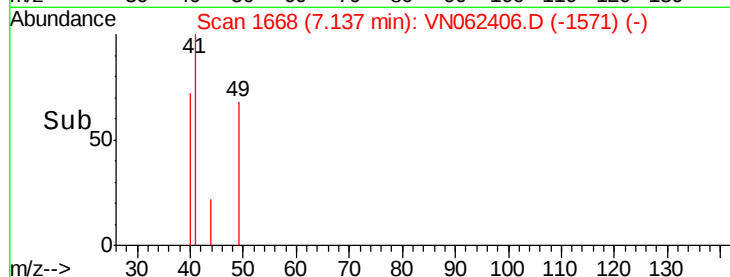
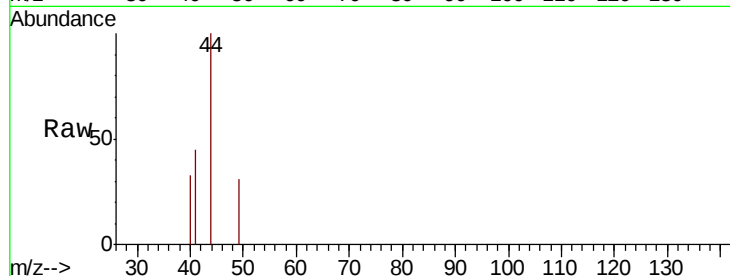




#41
Methacrylonitrile
Concen: 0.113 ug/l
RT: 7.14 min Scan# 1668
Delta R.T. 0.01 min
Lab File: VN062406.D
Acq: 8 Jul 2020 14:37

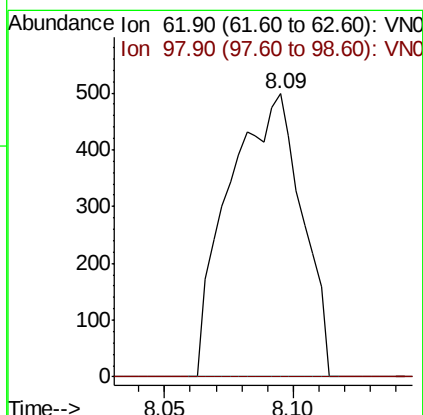
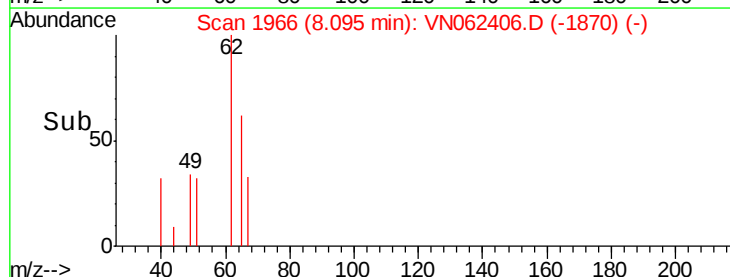
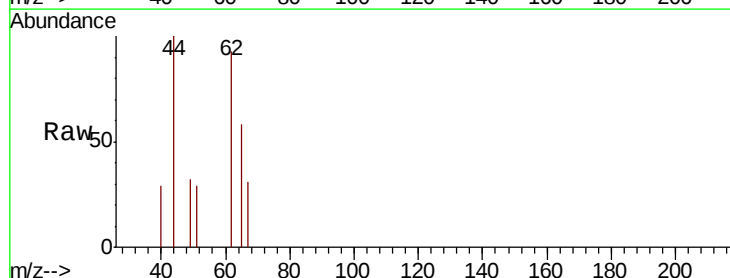
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

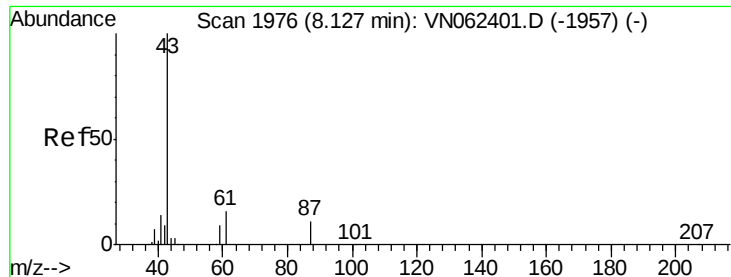
Tot Ion: 41 Resp: 189
Ion Ratio Lower Upper
41 100
39 0.0 50.2 75.2#
67 0.0 64.2 96.2#
52 0.0 28.0 42.0#



#42
1,2-Dichloroethane
Concen: 0.266 ug/l
RT: 8.09 min Scan# 1966
Delta R.T. 0.01 min
Lab File: VN062406.D
Acq: 8 Jul 2020 14:37

Tgt Ion: 62 Resp: 981
Ion Ratio Lower Upper
62 100
98 0.0 0.0 15.8





#43

Isopropyl Acetate

Concen: 0.203 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. -0.00 min

Lab File: VN062406.D

Acq: 8 Jul 2020 14:37

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

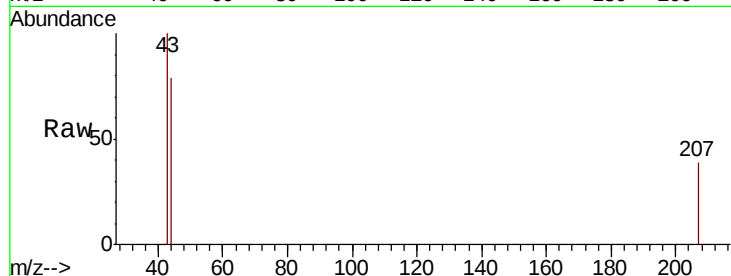
Tot Ion: 43 Resp: 1284

Ion Ratio Lower Upper

43 100

61 0.0 19.3 28.9#

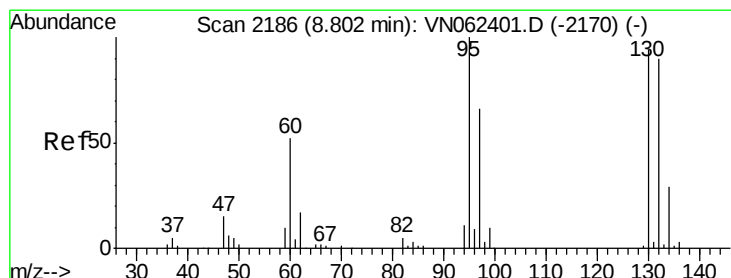
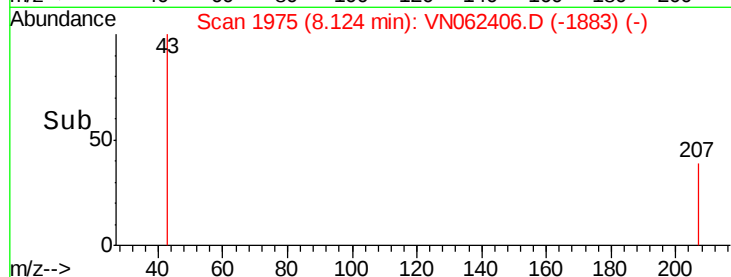
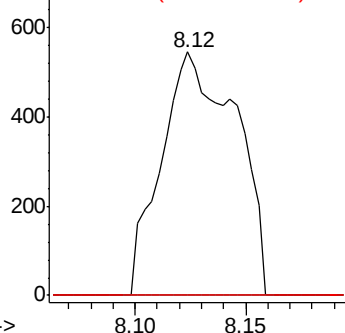
87 0.0 8.6 13.0#



Abundance Ion 43.00 (42.70 to 43.70): VN062401.D (-1957) (-)

Ion 61.00 (60.70 to 61.70): VN062401.D (-1957) (-)

Ion 87.00 (86.70 to 87.70): VN062401.D (-1957) (-)



#44

Trichloroethene

Concen: 0.188 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. 0.00 min

Lab File: VN062406.D

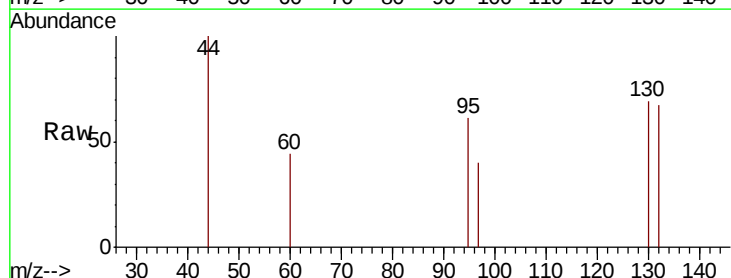
Acq: 8 Jul 2020 14:37

Tgt Ion: 130 Resp: 420

Ion Ratio Lower Upper

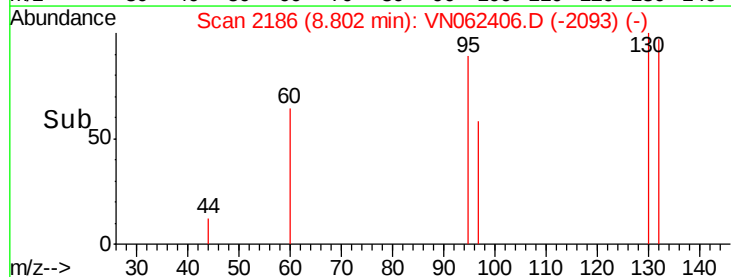
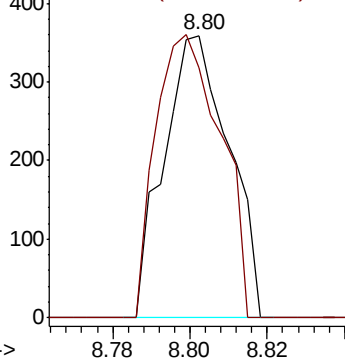
130 100

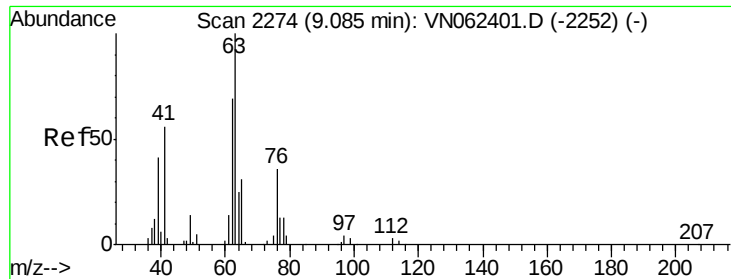
95 88.6 0.0 213.8



Abundance Ion 129.80 (129.50 to 130.50): VN062401.D (-2170) (-)

Ion 94.90 (94.60 to 95.60): VN062401.D (-2170) (-)





#45

1,2-Dichloropropane

Concen: 0.141 ug/l

RT: 9.08 min Scan# 2272

Delta R.T. -0.01 min

Lab File: VN062406.D

Acq: 8 Jul 2020 14:37

Instrument :

MSVOA_N

ClientSampleId :

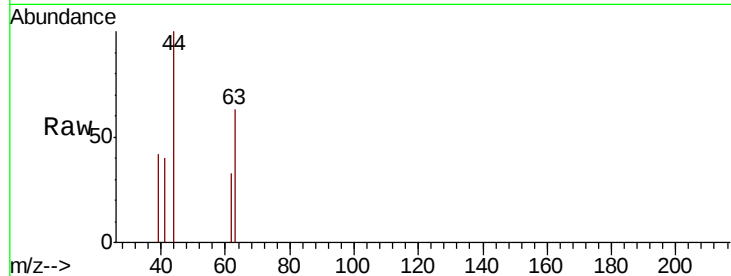
LOD-MDL-WATER-01-QT3-2020

Tot Ion: 63 Resp: 412

Ion Ratio Lower Upper

63 100

65 0.0 24.6 36.8#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

9.08

300

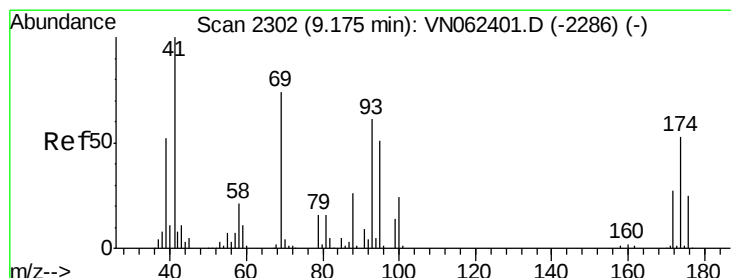
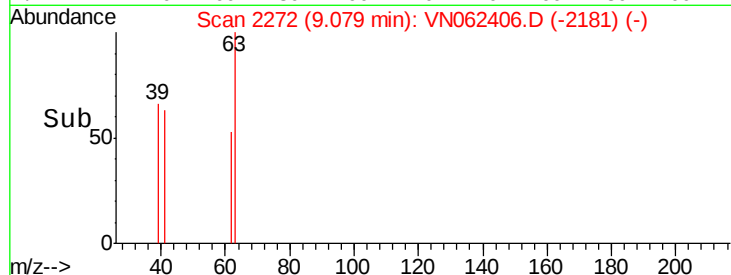
200

100

0

9.06 9.08 9.10

Time-->



#46

Dibromomethane

Concen: 0.038 ug/l

RT: 9.18 min Scan# 2303

Delta R.T. 0.00 min

Lab File: VN062406.D

Acq: 8 Jul 2020 14:37

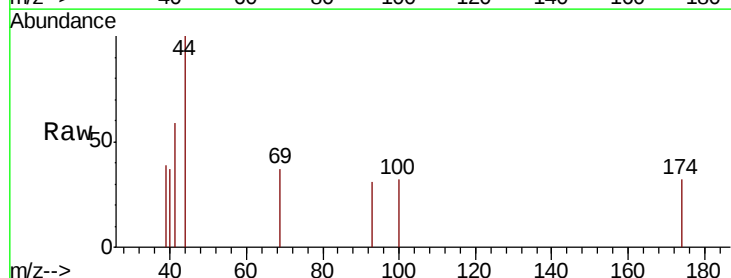
Tgt Ion: 93 Resp: 62

Ion Ratio Lower Upper

93 100

95 0.0 67.1 100.7#

174 106.5 70.4 105.6#



Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V

200

150

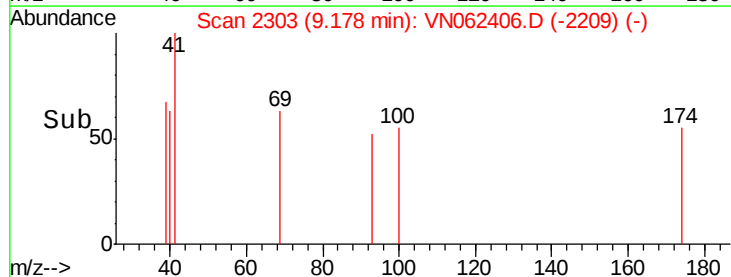
100

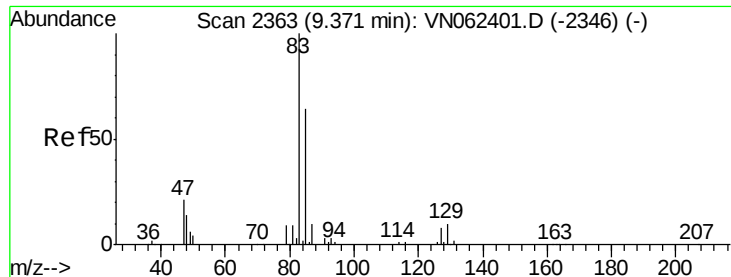
50

0

9.17 9.18 9.19

Time-->





#47

Bromodichloromethane

Concen: 0.193 ug/l

RT: 9.36 min Scan# 2361

Delta R.T. -0.01 min

Lab File: VN062406.D

Acq: 8 Jul 2020 14:37

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

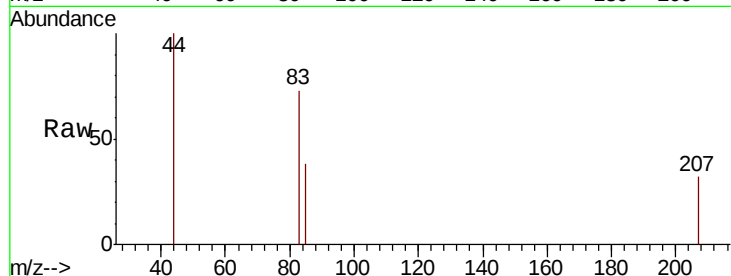
Tot Ion: 83 Resp: 682

Ion Ratio Lower Upper

83 100

85 51.7 51.2 76.8

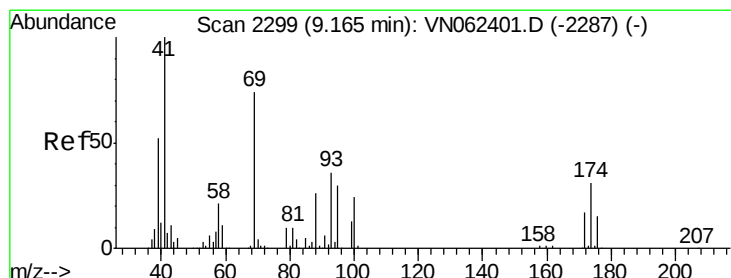
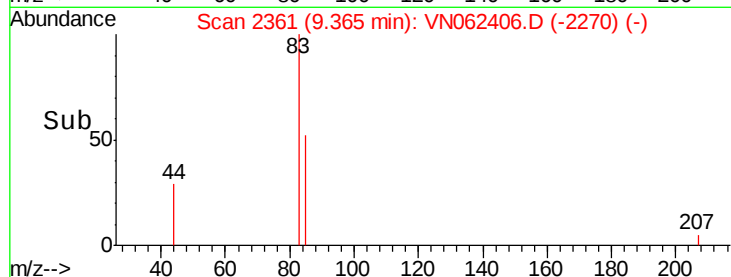
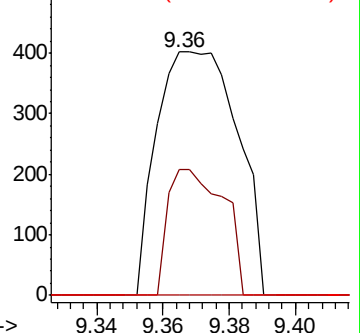
127 0.0 6.2 9.2#



Abundance Ion 82.90 (82.60 to 83.60): VN062406.D (-2270) (-)

Ion 84.90 (84.60 to 85.60): VN062406.D (-2270) (-)

Ion 126.80 (126.50 to 127.50): VN062406.D (-2270) (-)



#48

Methyl methacrylate

Concen: 0.119 ug/l

RT: 9.18 min Scan# 2302

Delta R.T. 0.01 min

Lab File: VN062406.D

Acq: 8 Jul 2020 14:37

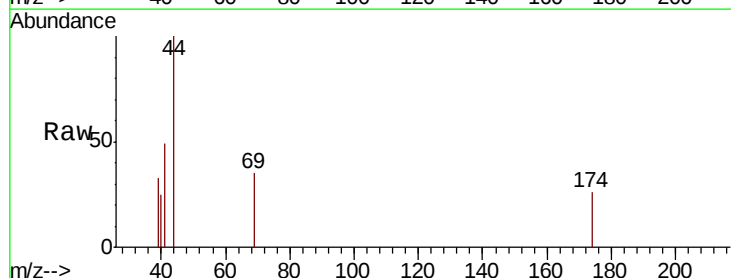
Tgt Ion: 41 Resp: 369

Ion Ratio Lower Upper

41 100

69 43.6 60.8 91.2#

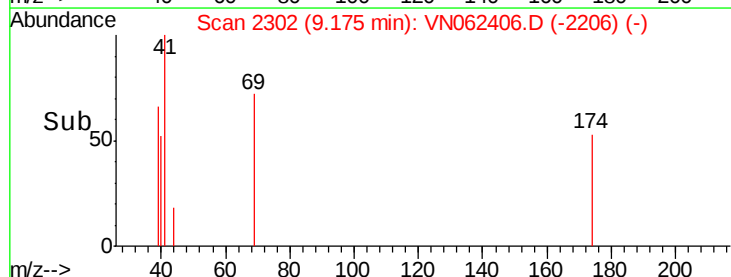
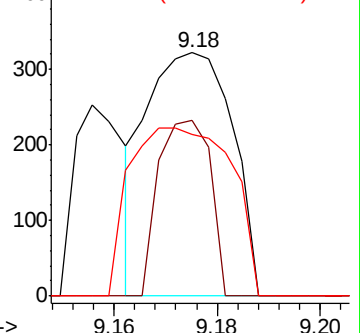
39 82.1 43.5 65.3#

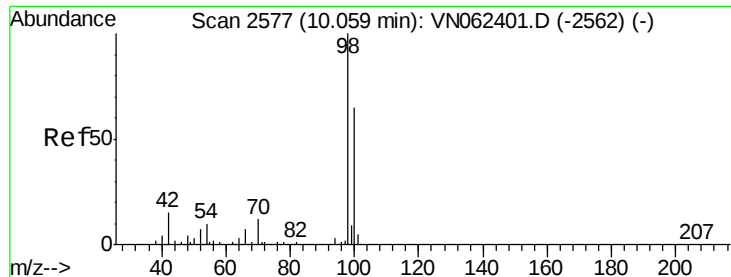


Abundance Ion 41.00 (40.70 to 41.70): VN062406.D (-2206) (-)

Ion 69.00 (68.70 to 69.70): VN062406.D (-2206) (-)

Ion 39.00 (38.70 to 39.70): VN062406.D (-2206) (-)





#50

Toluene-d8

Concen: 49.845 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN062406.D

Acq: 8 Jul 2020 14:37

Instrument :

MSVOA_N

ClientSampleId :

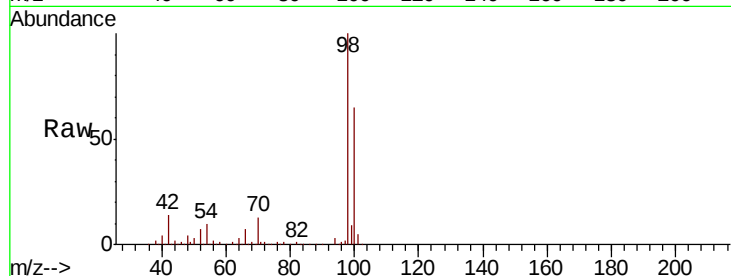
LOD-MDL-WATER-01-QT3-2020

Tot Ion: 98 Resp: 412652

Ion Ratio Lower Upper

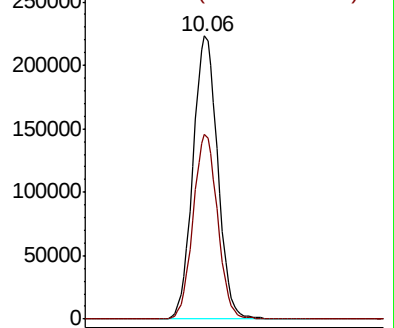
98 100

100 64.6 51.5 77.3

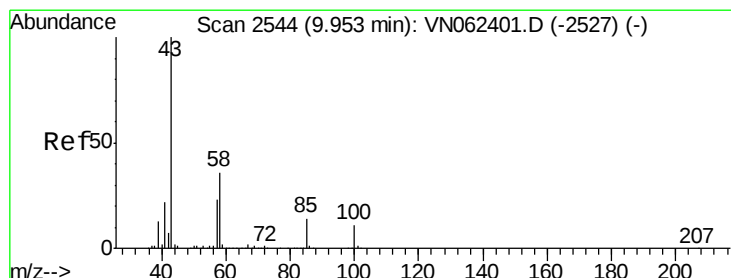
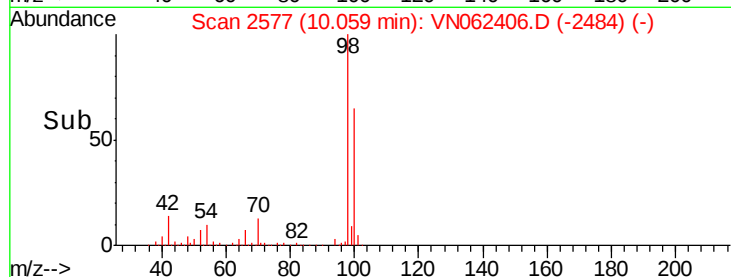


Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.962 ug/l

RT: 9.96 min Scan# 2546

Delta R.T. 0.01 min

Lab File: VN062406.D

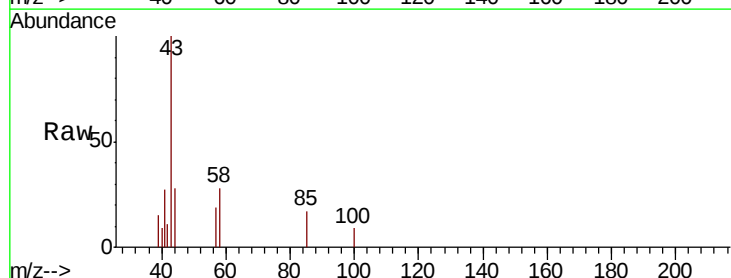
Acq: 8 Jul 2020 14:37

Tgt Ion: 43 Resp: 3628

Ion Ratio Lower Upper

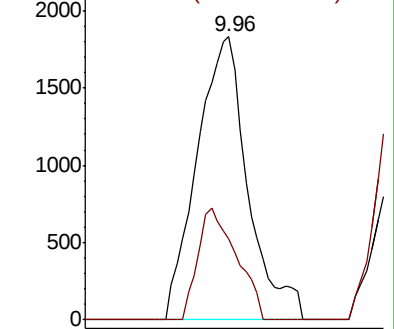
43 100

58 29.9 29.0 43.6

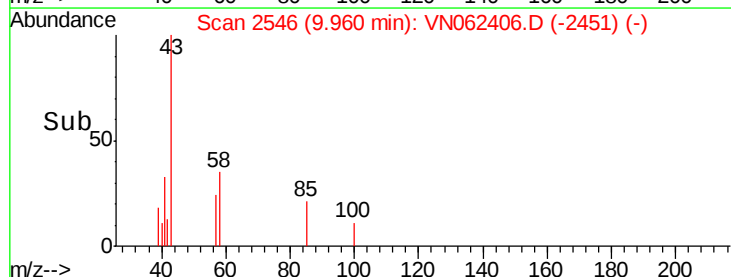


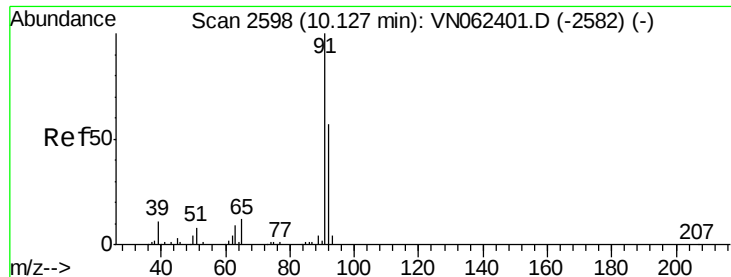
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



Time-->





#52

Toluene

Concen: 0.212 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN062406.D

Acq: 8 Jul 2020 14:37

Instrument :

MSVOA_N

ClientSampleId :

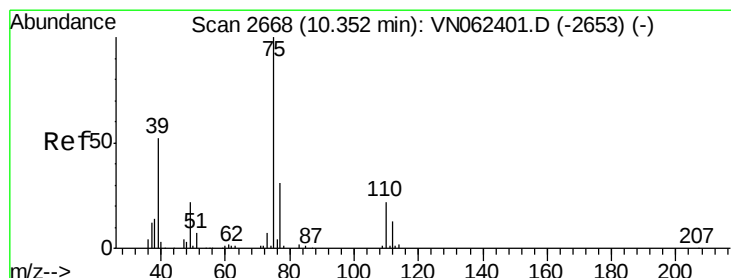
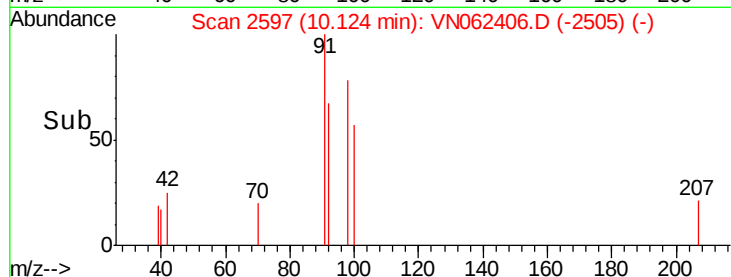
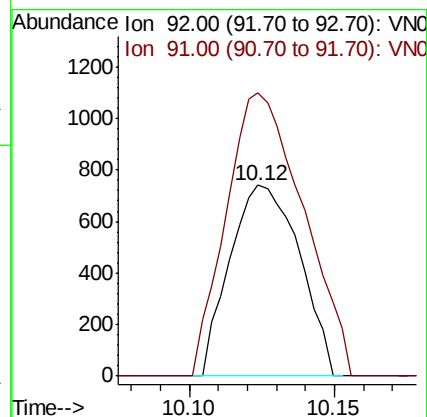
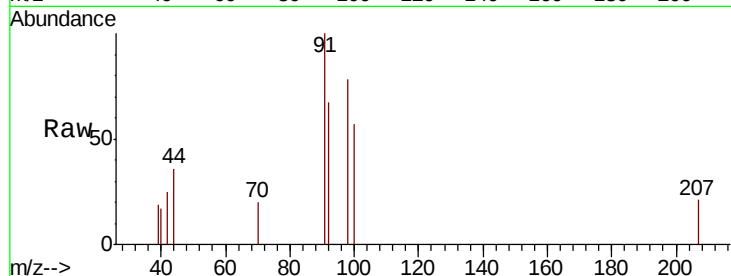
LOD-MDL-WATER-01-QT3-2020

Tot Ion: 92 Resp: 1236

Ion Ratio Lower Upper

92 100

91 164.1 141.0 211.6



#53

t-1,3-Dichloropropene

Concen: 0.192 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. 0.00 min

Lab File: VN062406.D

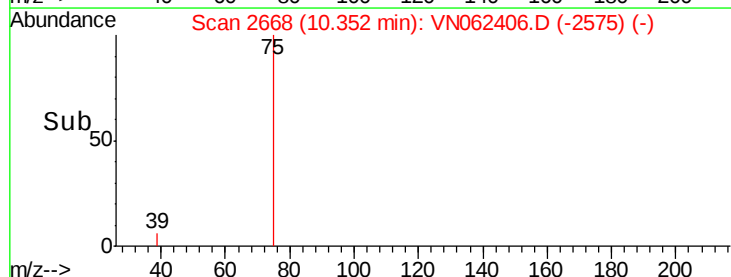
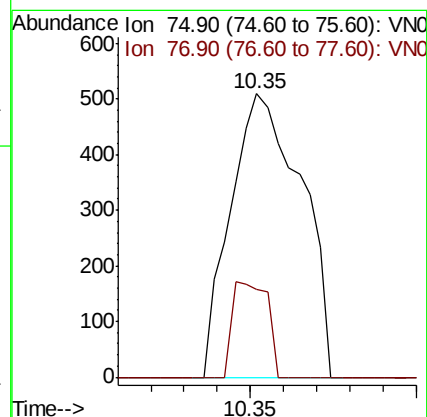
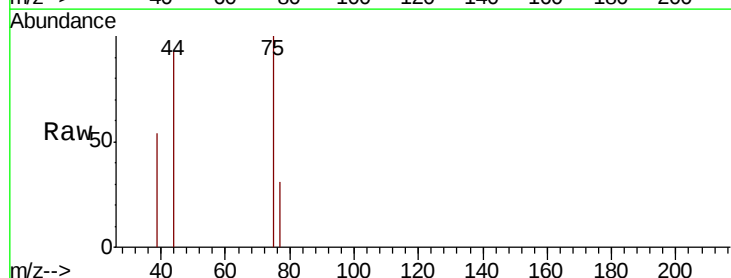
Acq: 8 Jul 2020 14:37

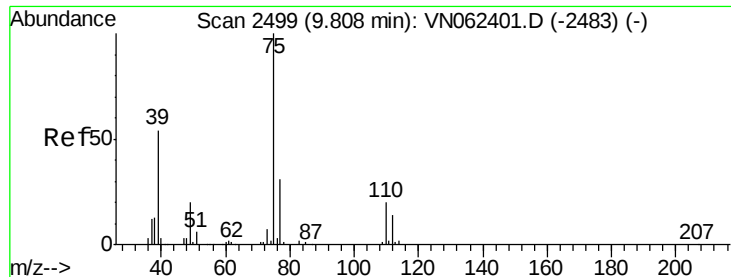
Tgt Ion: 75 Resp: 758

Ion Ratio Lower Upper

75 100

77 31.0 25.2 37.8

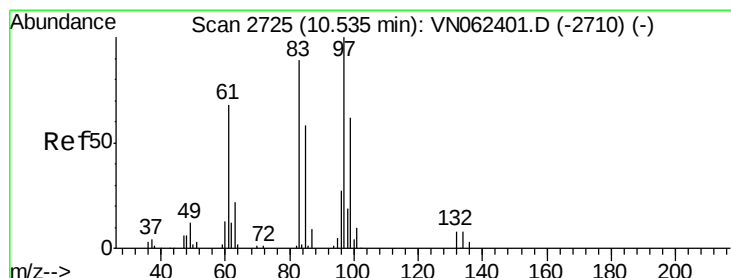
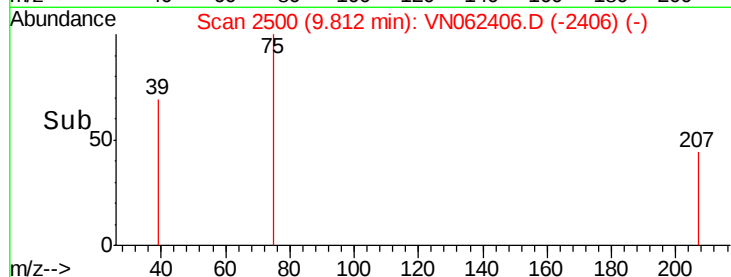
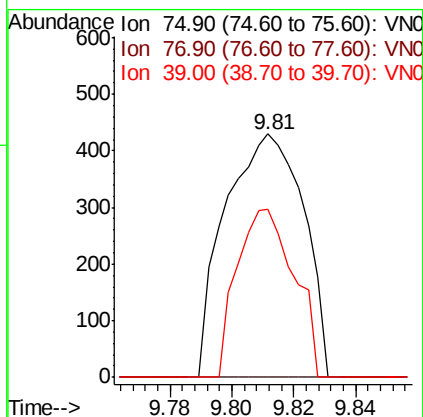
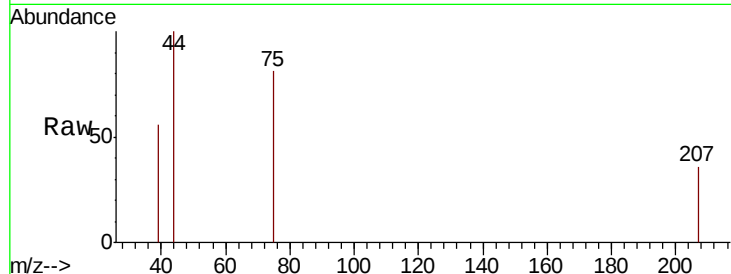




#54
 cis-1,3-Dichloropropene
 Concen: 0.173 ug/l
 RT: 9.81 min Scan# 2500
 Delta R.T. 0.00 min
 Lab File: VN062406.D
 Acq: 8 Jul 2020 14:37

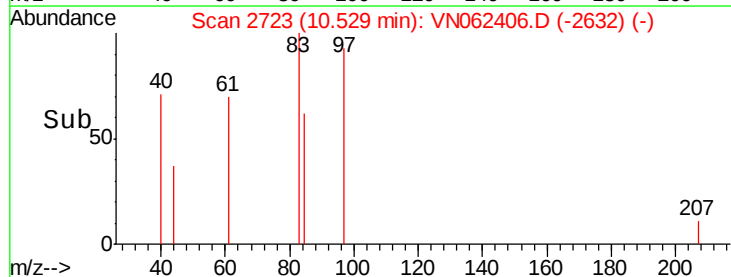
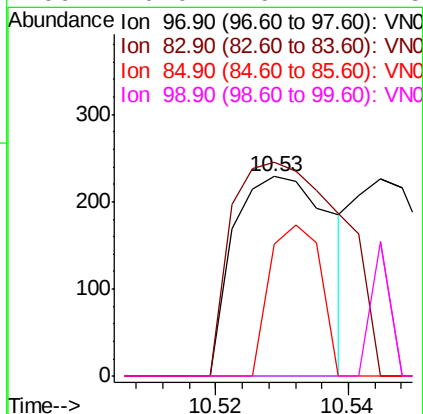
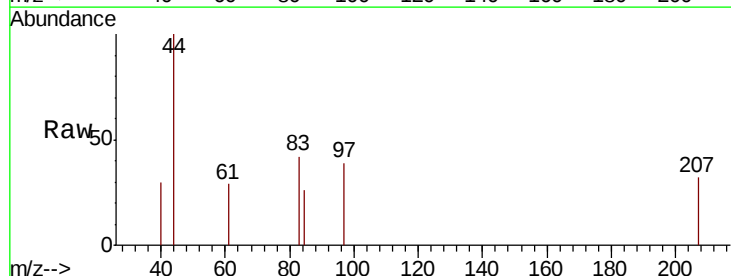
Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2020

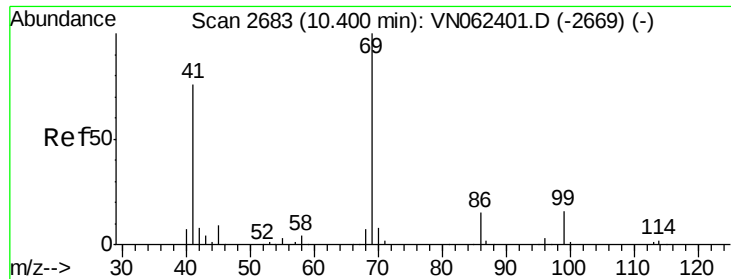
Tot Ion: 75 Resp: 755
 Ion Ratio Lower Upper
 75 100
 77 0.0 24.5 36.7#
 39 69.1 43.4 65.0#



#55
 1,1,2-Trichloroethane
 Concen: 0.102 ug/l
 RT: 10.53 min Scan# 2723
 Delta R.T. -0.01 min
 Lab File: VN062406.D
 Acq: 8 Jul 2020 14:37

Tgt Ion: 97 Resp: 234
 Ion Ratio Lower Upper
 97 100
 83 107.0 71.0 106.4#
 85 65.9 46.2 69.4
 99 0.0 49.7 74.5#





#56

Ethyl methacrylate

Concen: 0.123 ug/l

RT: 10.41 min Scan# 2686

Delta R.T. 0.01 min

Lab File: VN062406.D

Acq: 8 Jul 2020 14:37

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

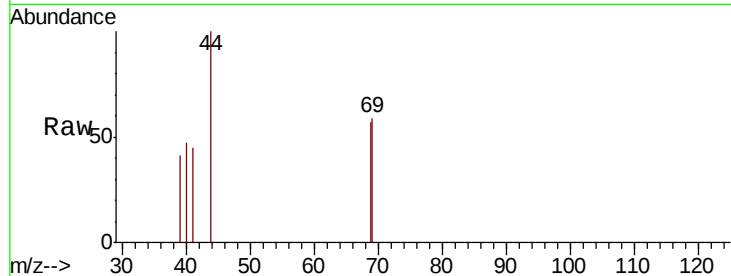
Tot Ion: 69 Resp: 469

Ion Ratio Lower Upper

69 100

41 69.9 59.7 89.5

39 36.0 30.6 45.8

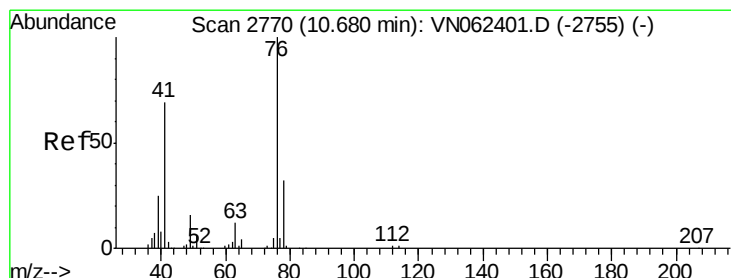
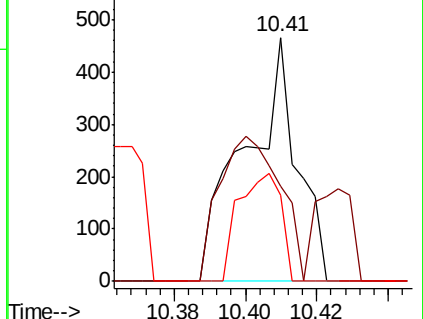
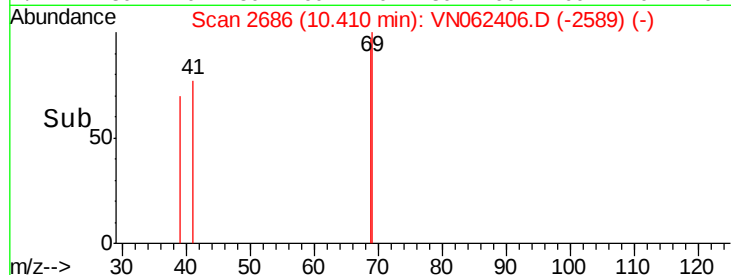


Abundance Ion 69.00 (68.70 to 69.70): VN062406.D (-2589) (-)

Ion 41.00 (40.70 to 41.70): VN062406.D (-2589) (-)

Ion 39.00 (38.70 to 39.70): VN062406.D (-2589) (-)

Time-->



#57

1,3-Dichloropropane

Concen: 0.168 ug/l

RT: 10.68 min Scan# 2771

Delta R.T. 0.00 min

Lab File: VN062406.D

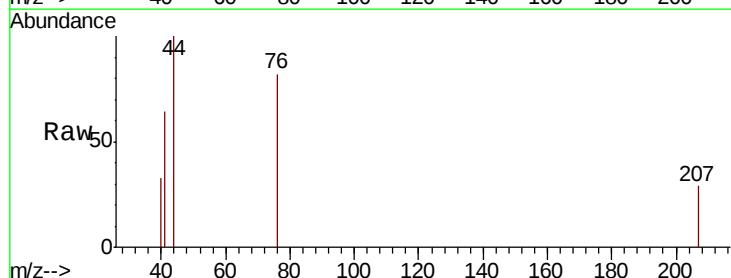
Acq: 8 Jul 2020 14:37

Tgt Ion: 76 Resp: 710

Ion Ratio Lower Upper

76 100

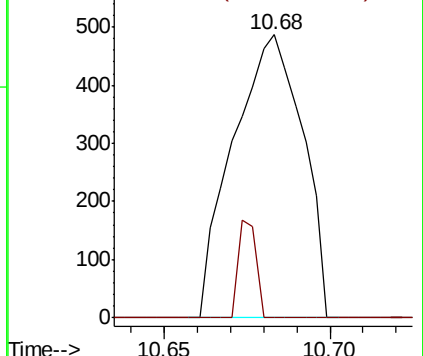
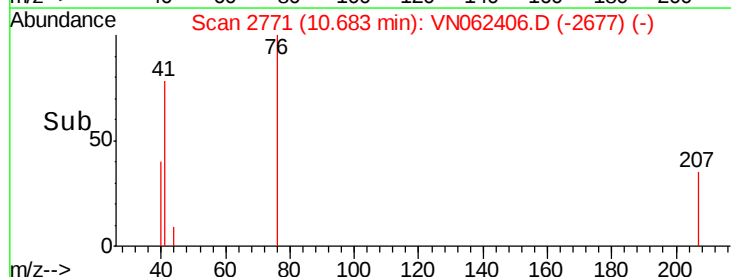
78 8.7 25.6 38.4#

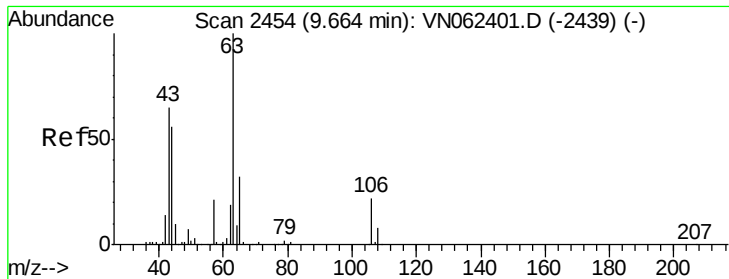


Abundance Ion 75.90 (75.60 to 76.60): VN062406.D (-2677) (-)

Ion 77.90 (77.60 to 78.60): VN062406.D (-2677) (-)

Time-->





#58

2-Chloroethyl Vinyl ether

Concen: 0.734 ug/l

RT: 9.66 min Scan# 2454

Delta R.T. 0.00 min

Lab File: VN062406.D

Acq: 8 Jul 2020 14:37

Instrument :

MSVOA_N

ClientSampleId :

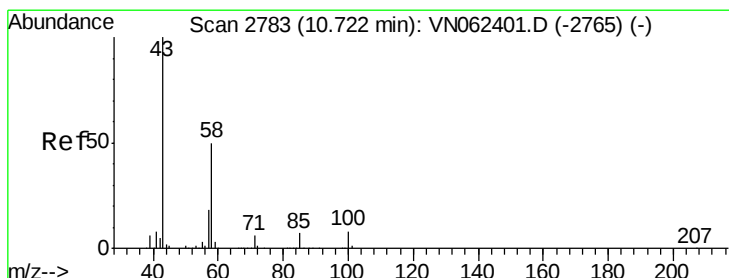
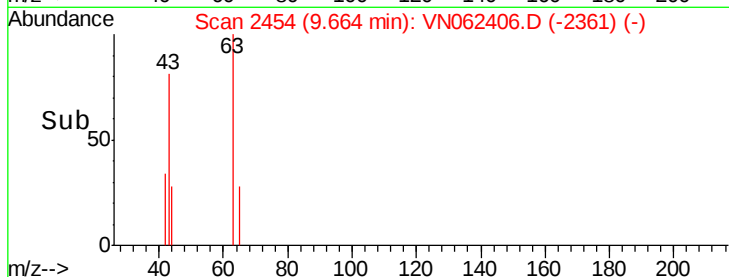
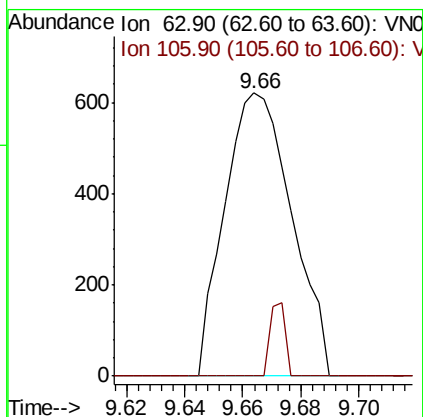
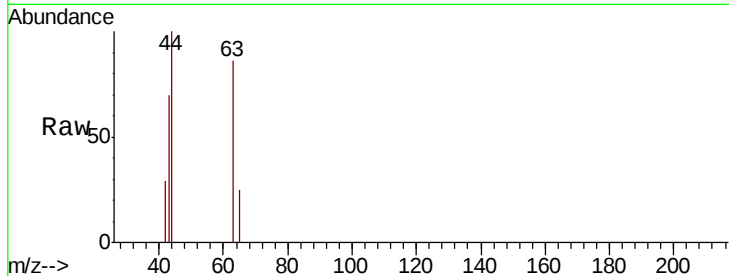
LOD-MDL-WATER-01-QT3-2020

Tot Ion: 63 Resp: 997

Ion Ratio Lower Upper

63 100

106 6.1 17.6 26.4#



#59

2-Hexanone

Concen: 1.021 ug/l

RT: 10.73 min Scan# 2786

Delta R.T. 0.01 min

Lab File: VN062406.D

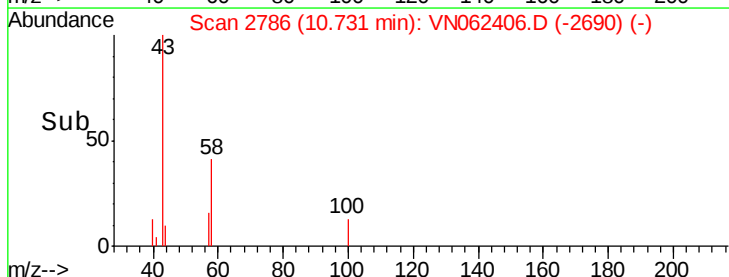
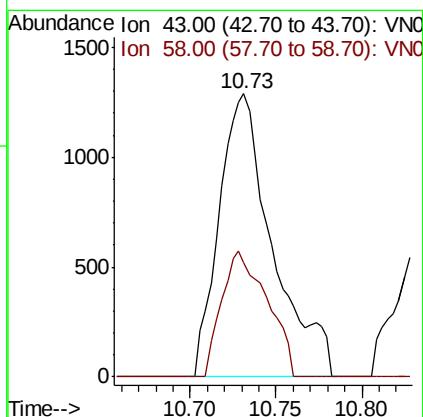
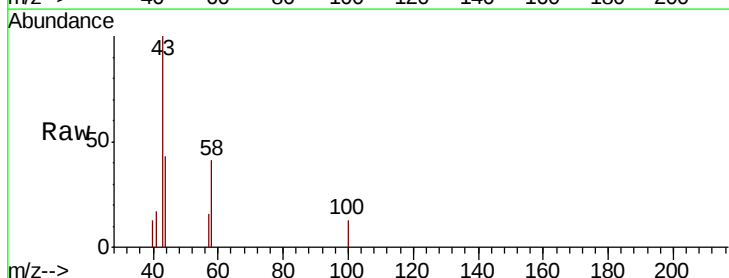
Acq: 8 Jul 2020 14:37

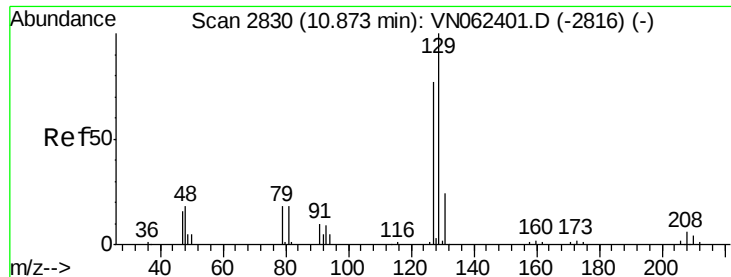
Tgt Ion: 43 Resp: 2794

Ion Ratio Lower Upper

43 100

58 38.0 25.1 75.2





#60

Dibromochloromethane

Concen: 0.107 ug/l

RT: 10.88 min Scan# 2831

Delta R.T. 0.00 min

Lab File: VN062406.D

Acq: 8 Jul 2020 14:37

Instrument :

MSVOA_N

ClientSampleId :

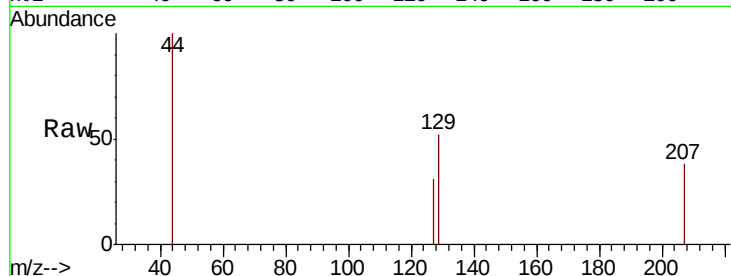
LOD-MDL-WATER-01-QT3-2020

Tot Ion:129 Resp: 266

Ion Ratio Lower Upper

129 100

127 63.2 38.6 115.8



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

10.88

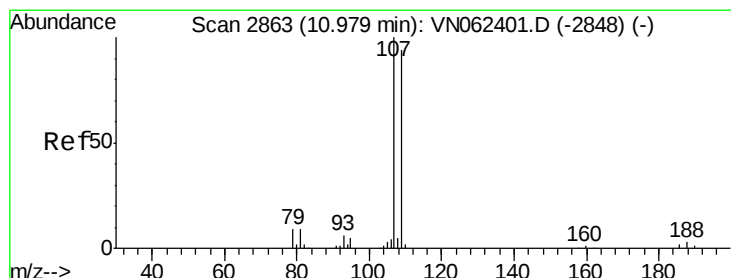
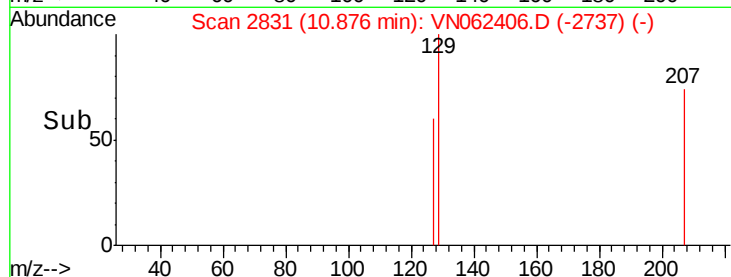
300

200

100

0

Time-->



#61

1,2-Dibromoethane

Concen: 0.152 ug/l

RT: 10.98 min Scan# 2862

Delta R.T. -0.00 min

Lab File: VN062406.D

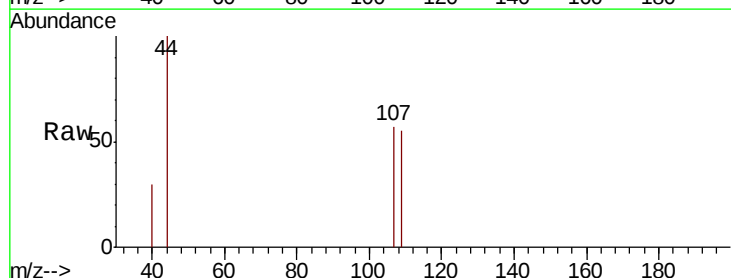
Acq: 8 Jul 2020 14:37

Tgt Ion:107 Resp: 352

Ion Ratio Lower Upper

107 100

109 101.7 75.6 113.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

10.98

400

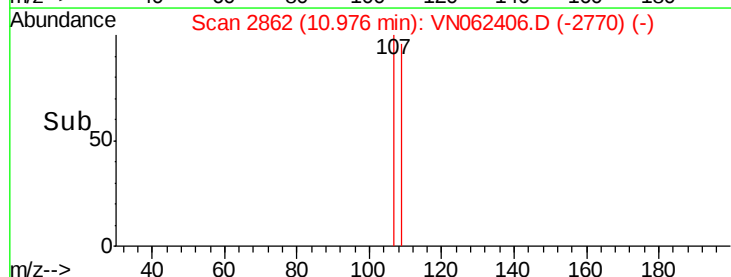
300

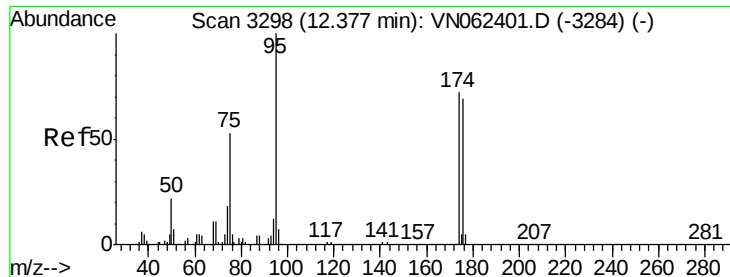
200

100

0

Time-->





#62

4-Bromofluorobenzene

Concen: 44.813 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN062406.D

Acq: 8 Jul 2020 14:37

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

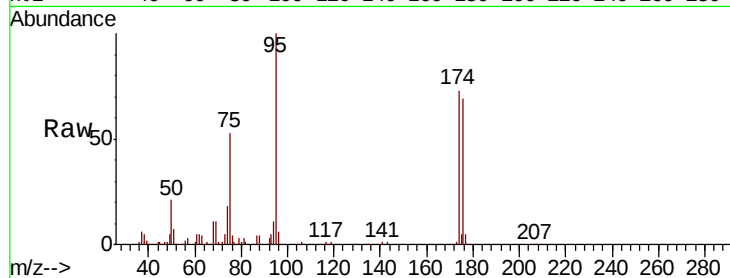
Tot Ion: 95 Resp: 135572

Ion Ratio Lower Upper

95 100

174 71.9 0.0 141.6

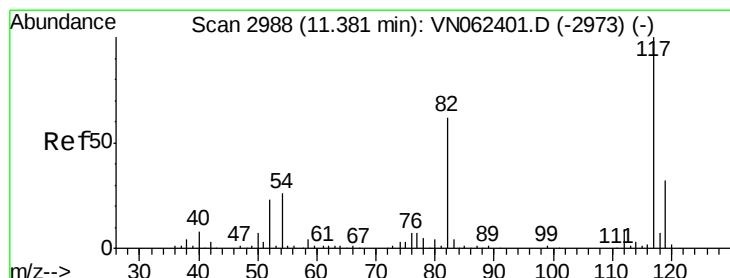
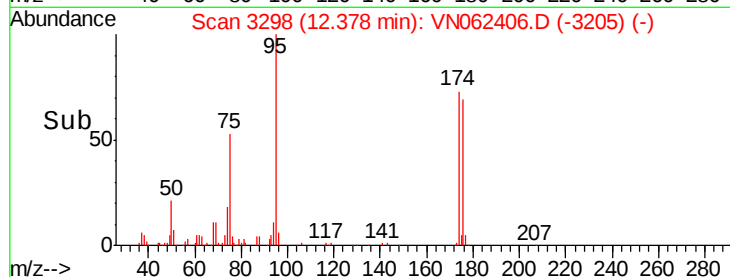
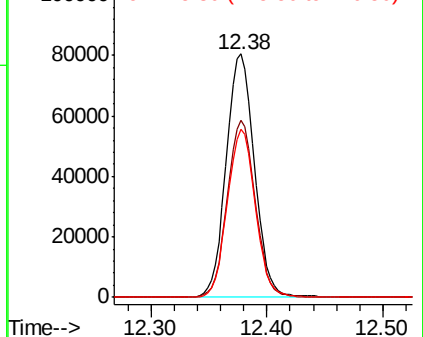
176 68.2 0.0 137.2



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. 0.00 min

Lab File: VN062406.D

Acq: 8 Jul 2020 14:37

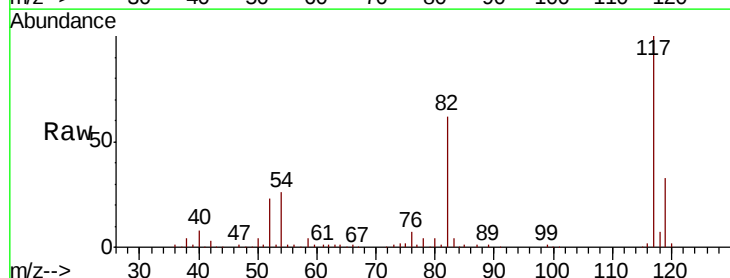
Tgt Ion: 117 Resp: 299338

Ion Ratio Lower Upper

117 100

82 62.1 49.6 74.4

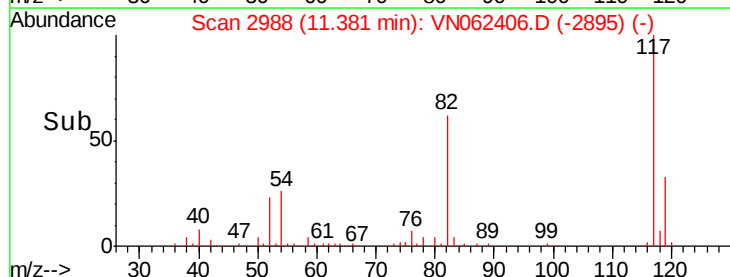
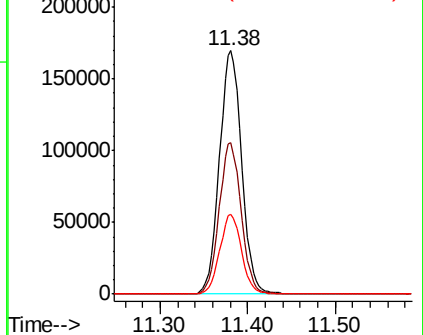
119 32.8 25.4 38.0

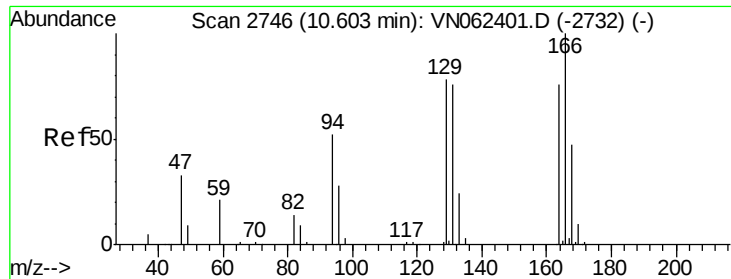


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0

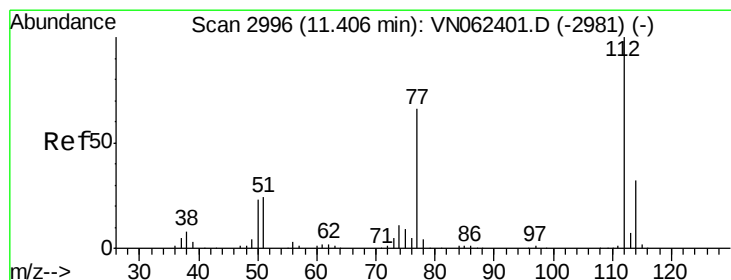
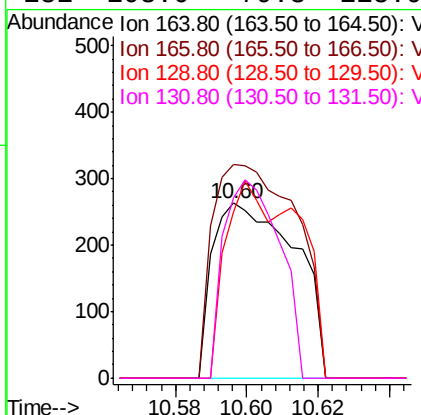
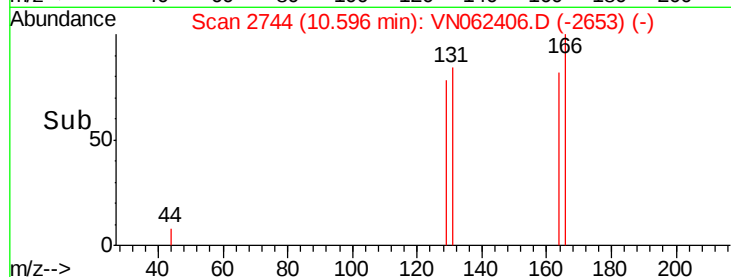
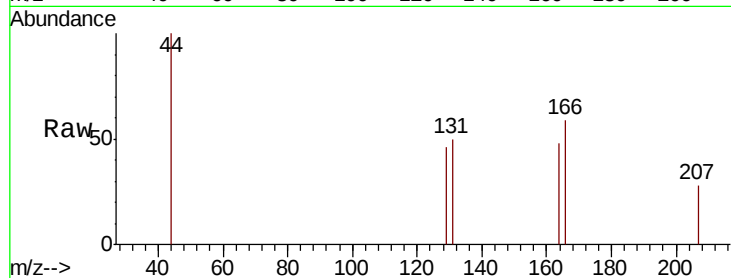




#64
Tetrachloroethene
Concen: 0.236 ug/l
RT: 10.60 min Scan# 2744
Delta R.T. -0.01 min
Lab File: VN062406.D
Acq: 8 Jul 2020 14:37

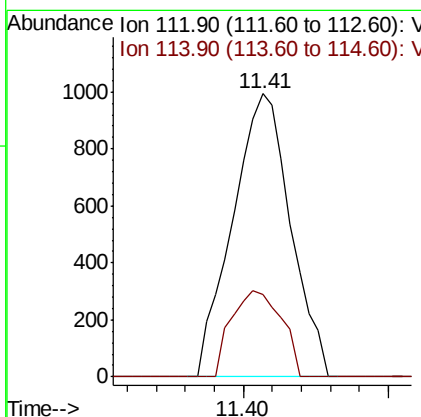
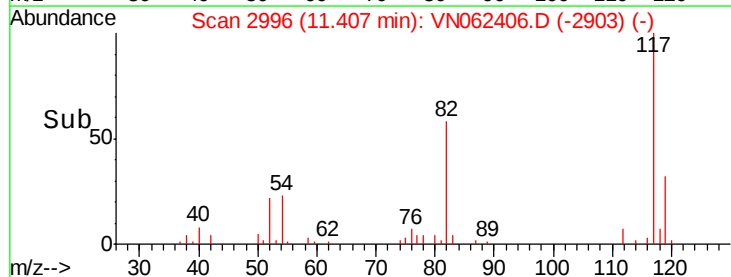
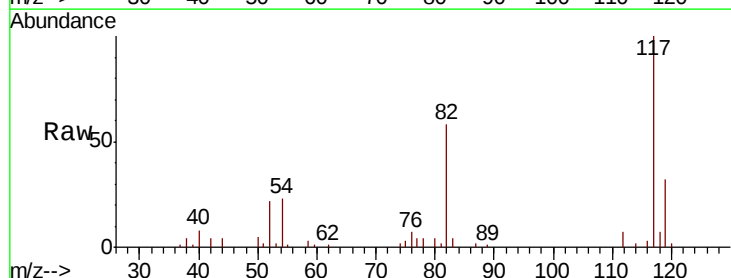
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

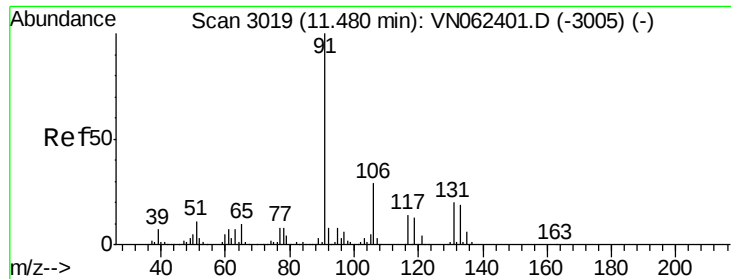
Tot Ion:164 Resp: 420
Ion Ratio Lower Upper
164 100
166 122.1 104.9 157.3
129 95.1 81.8 122.6
131 103.0 79.3 118.9



#65
Chlorobenzene
Concen: 0.237 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN062406.D
Acq: 8 Jul 2020 14:37

Tgt Ion:112 Resp: 1377
Ion Ratio Lower Upper
112 100
114 29.1 25.9 38.9





#66

1,1,1,2-Tetrachloroethane

Concen: 0.161 ug/l

RT: 11.48 min Scan# 3019

Delta R.T. 0.00 min

Lab File: VN062406.D

Acq: 8 Jul 2020 14:37

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

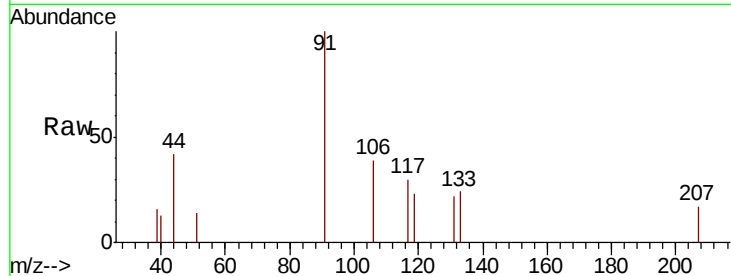
Tot Ion:131 Resp: 345

Ion Ratio Lower Upper

131 100

133 93.0 46.9 140.8

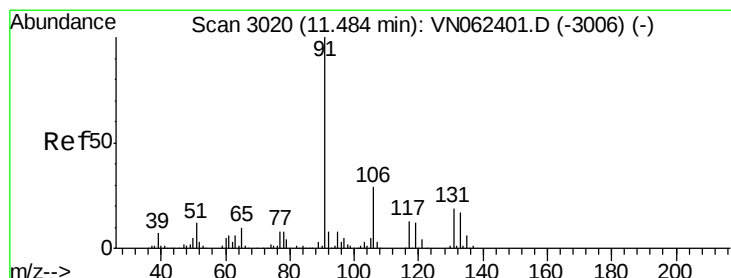
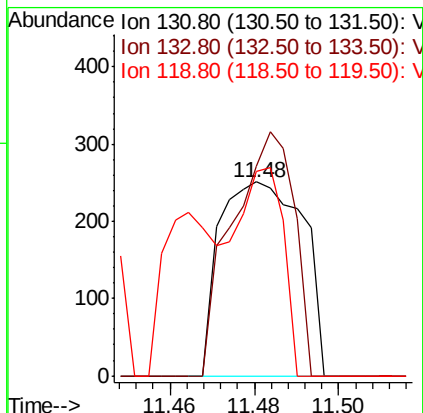
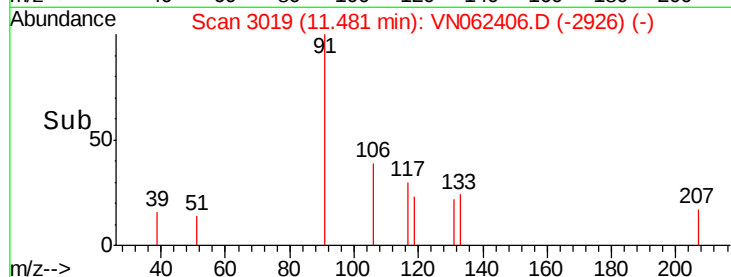
119 0.0 33.2 99.6#



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



#67

Ethyl Benzene

Concen: 0.204 ug/l

RT: 11.49 min Scan# 3021

Delta R.T. 0.00 min

Lab File: VN062406.D

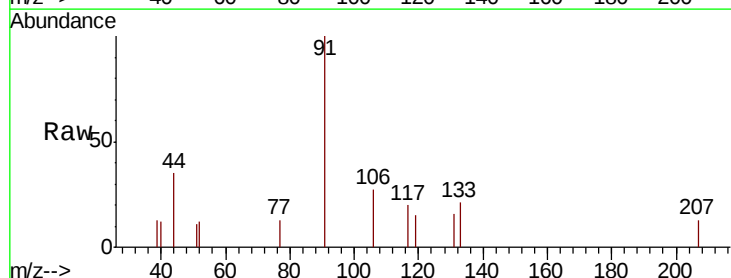
Acq: 8 Jul 2020 14:37

Tgt Ion: 91 Resp: 2228

Ion Ratio Lower Upper

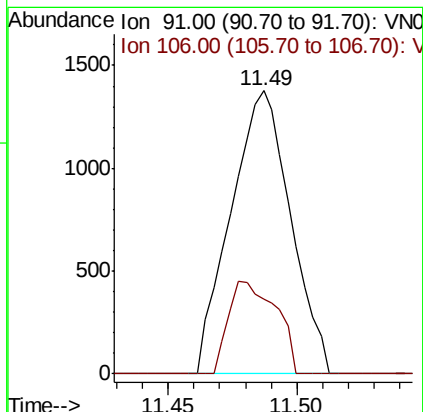
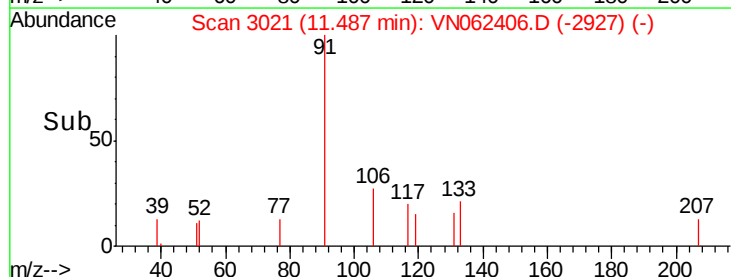
91 100

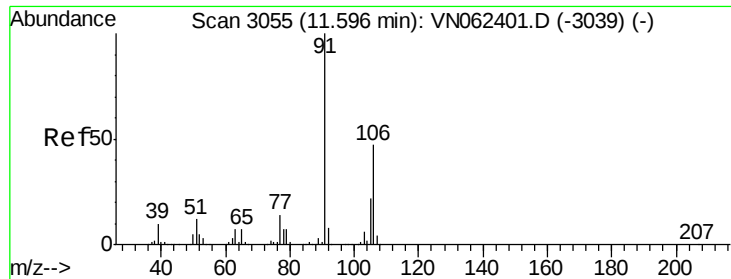
106 26.5 23.4 35.2



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V





#68

m/p-Xylenes

Concen: 0.382 ug/l

RT: 11.59 min Scan# 3054

Delta R.T. -0.00 min

Lab File: VN062406.D

Acq: 8 Jul 2020 14:37

Instrument :

MSVOA_N

ClientSampleId :

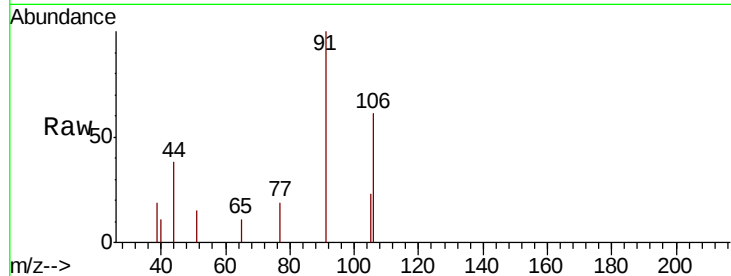
LOD-MDL-WATER-01-QT3-2020

Tot Ion:106 Resp: 1475

Ion Ratio Lower Upper

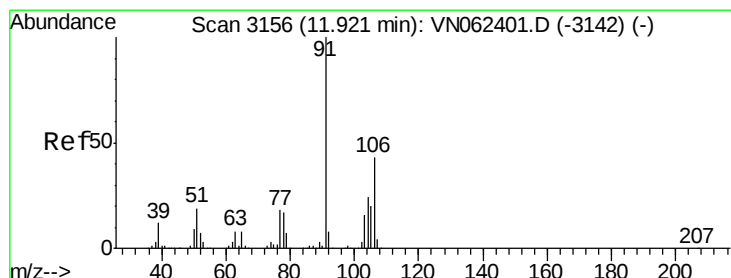
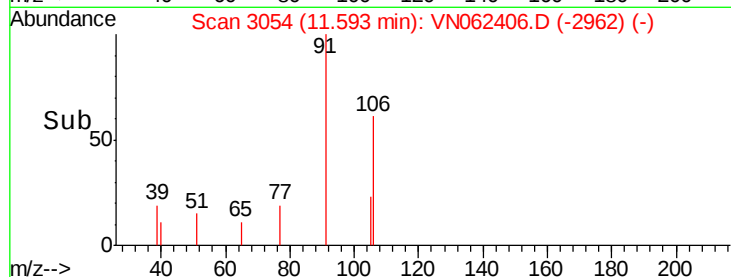
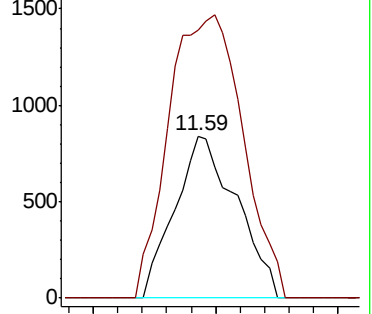
106 100

91 210.0 172.4 258.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0



#69

o-Xylene

Concen: 0.156 ug/l

RT: 11.93 min Scan# 3158

Delta R.T. 0.01 min

Lab File: VN062406.D

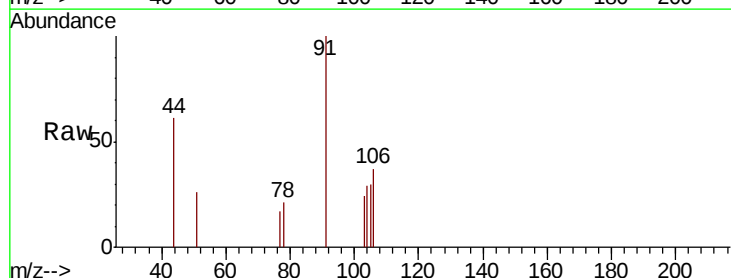
Acq: 8 Jul 2020 14:37

Tgt Ion:106 Resp: 589

Ion Ratio Lower Upper

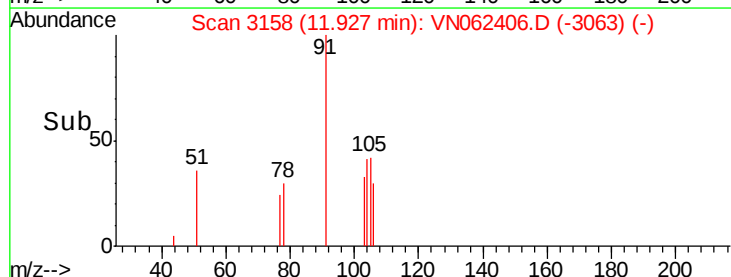
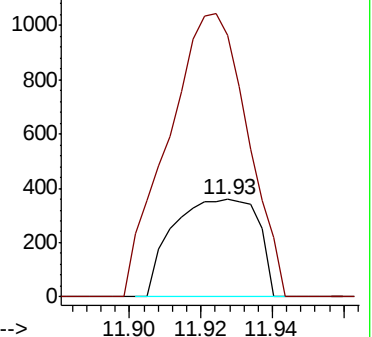
106 100

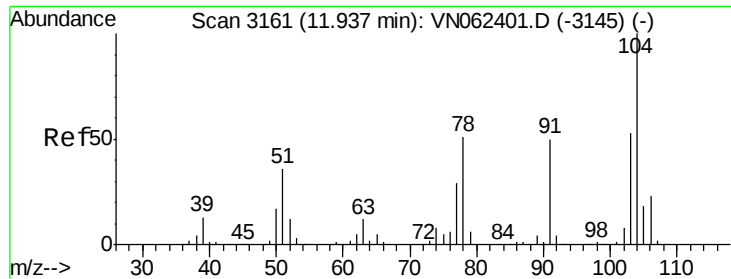
91 272.0 113.8 341.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0

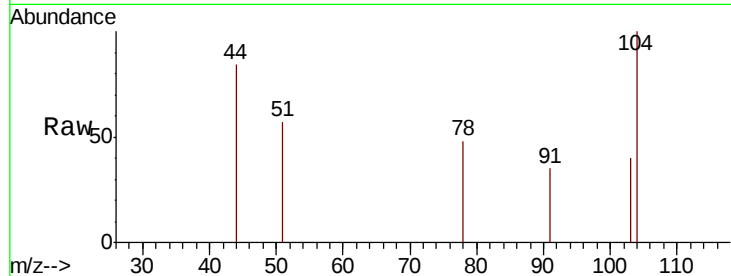




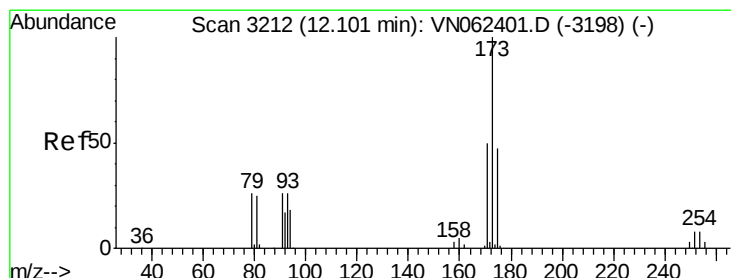
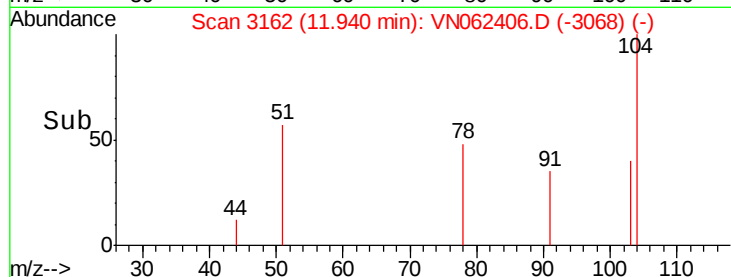
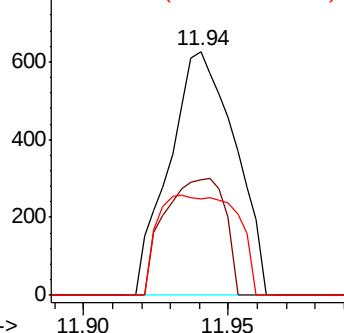
#70
Stvrene
Concen: 0.159 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN062406.D
Acq: 8 Jul 2020 14:37

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

Tot Ion:104 Resp: 988
Ion Ratio Lower Upper
104 100
78 43.8 44.2 66.4#
103 48.9 44.4 66.6

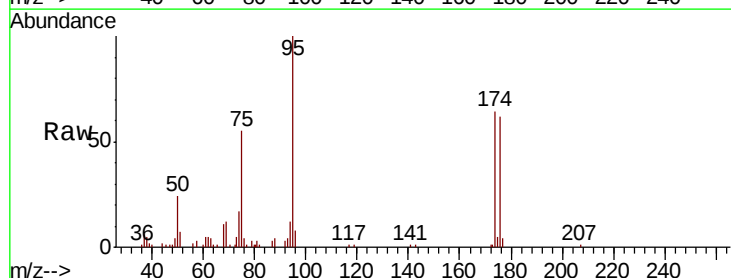


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): V
Ion 103.00 (102.70 to 103.70): V

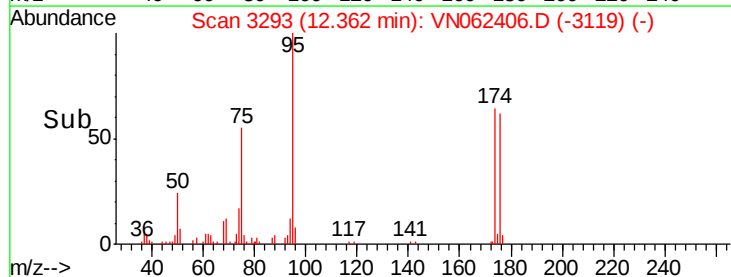
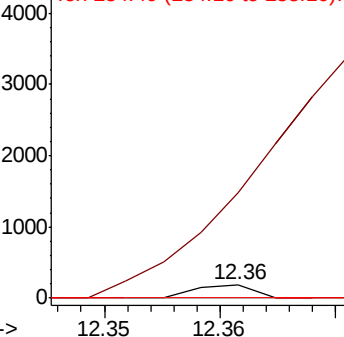


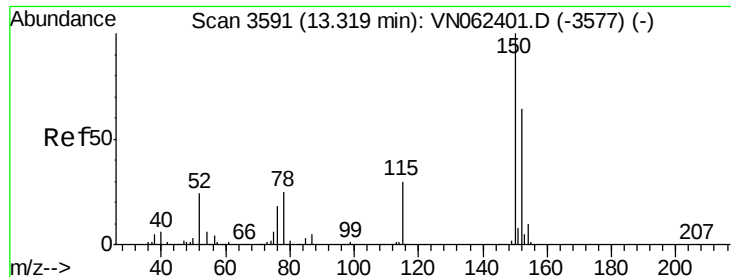
#71
Bromoform
Concen: 0.042 ug/l
RT: 12.36 min Scan# 3293
Delta R.T. 0.26 min
Lab File: VN062406.D
Acq: 8 Jul 2020 14:37

Tgt Ion:173 Resp: 66
Ion Ratio Lower Upper
173 100
175 0.0 23.7 71.1#
254 0.0 0.0 0.0



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





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN062406.D

Acq: 8 Jul 2020 14:37

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

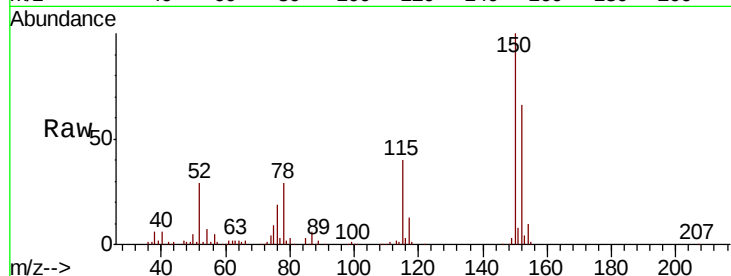
Tot Ion:152 Resp: 110137

Ion Ratio Lower Upper

152 100

115 62.8 31.4 94.2

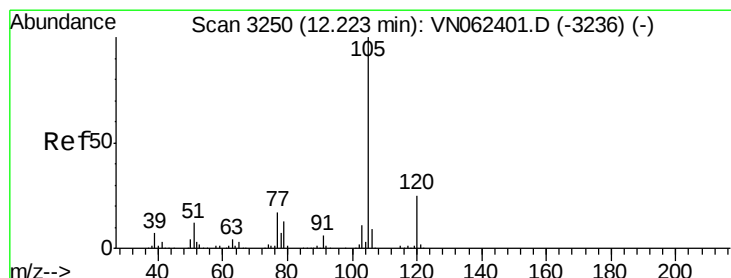
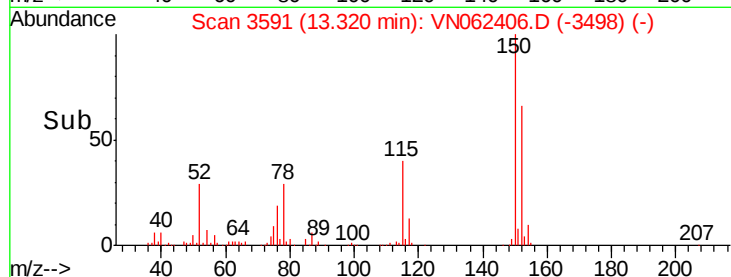
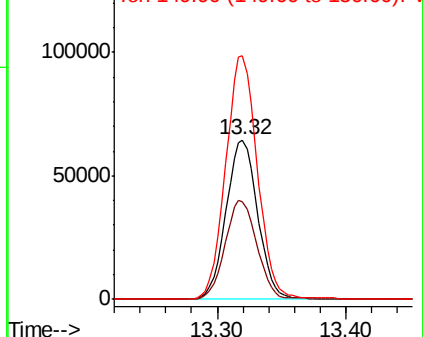
150 152.8 0.0 347.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 0.212 ug/l

RT: 12.23 min Scan# 3251

Delta R.T. 0.00 min

Lab File: VN062406.D

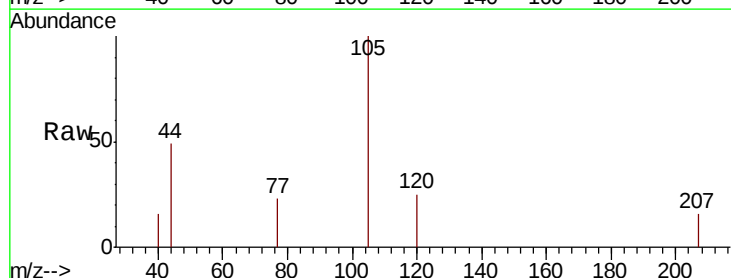
Acq: 8 Jul 2020 14:37

Tgt Ion:105 Resp: 1807

Ion Ratio Lower Upper

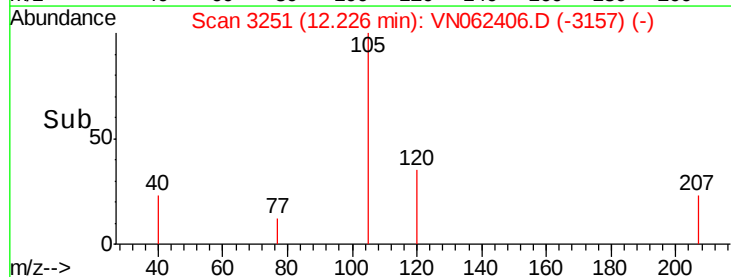
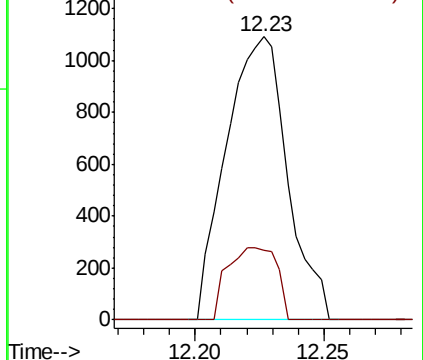
105 100

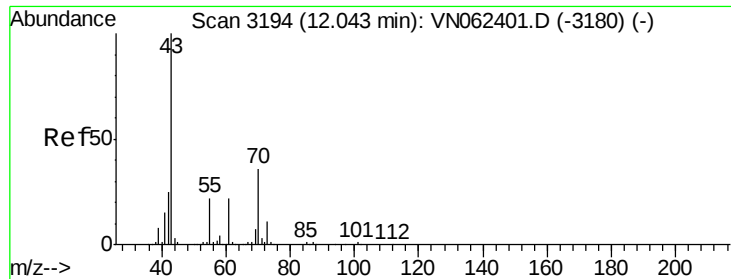
120 20.5 12.7 38.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

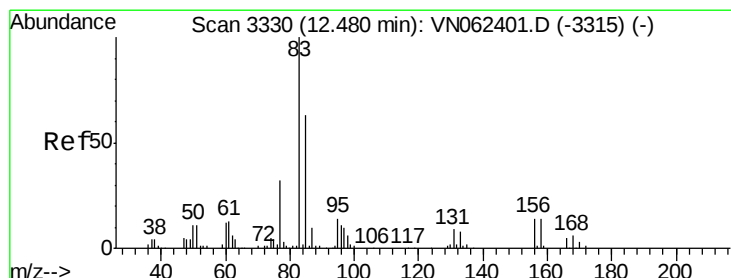
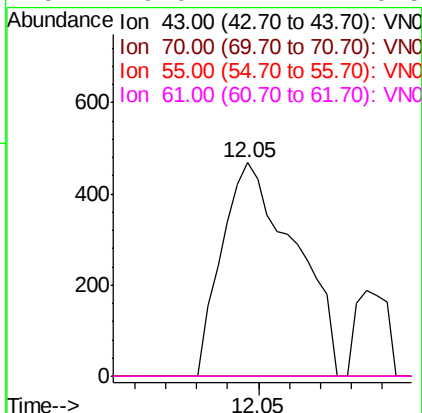
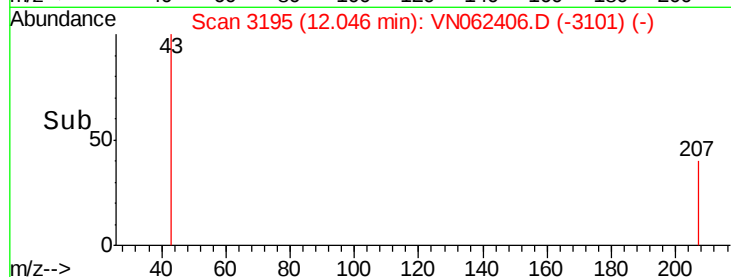
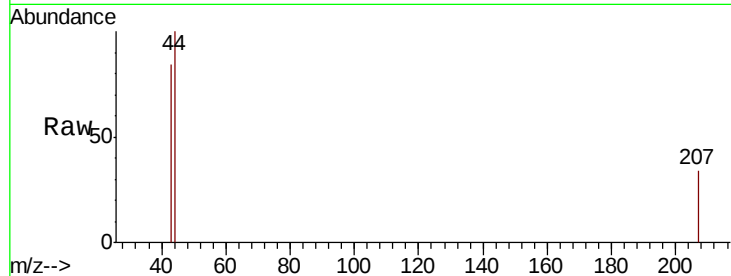




#74
N-amyl acetate
Concen: 0.185 ug/l
RT: 12.05 min Scan# 3195
Delta R.T. 0.00 min
Lab File: VN062406.D
Acq: 8 Jul 2020 14:37

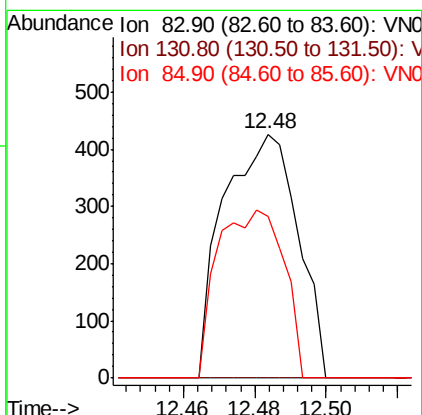
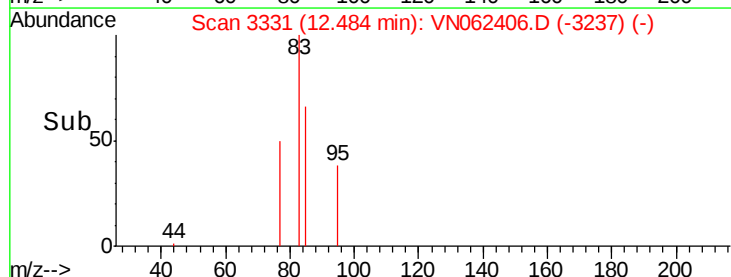
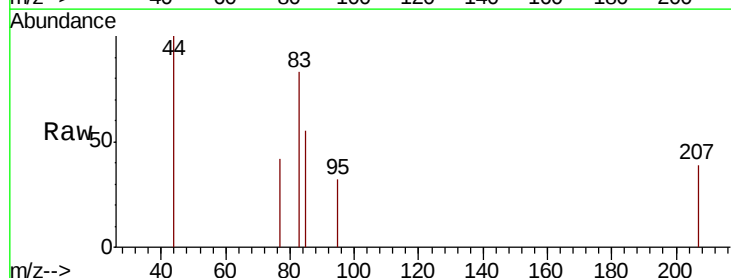
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

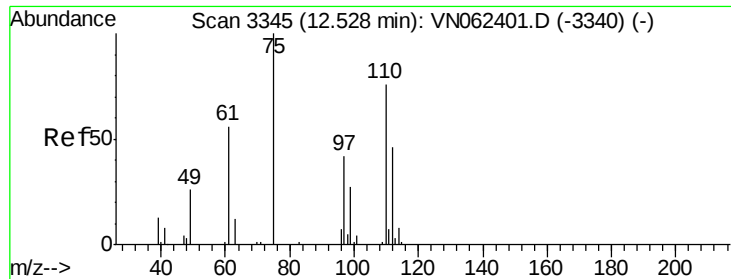
Tot Ion: 43 Resp: 768
Ion Ratio Lower Upper
43 100
70 0.0 30.0 45.0#
55 0.0 18.2 27.4#
61 0.0 17.7 26.5#



#75
1,1,2,2-Tetrachloroethane
Concen: 0.213 ug/l
RT: 12.48 min Scan# 3331
Delta R.T. 0.00 min
Lab File: VN062406.D
Acq: 8 Jul 2020 14:37

Tgt Ion: 83 Resp: 611
Ion Ratio Lower Upper
83 100
131 0.0 4.5 13.5#
85 61.5 31.9 95.9





#76

1,2,3-Trichloropropane

Concen: 26.632 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.15 min

Lab File: VN062406.D

Acq: 8 Jul 2020 14:37

Instrument :

MSVOA_N

ClientSampleId :

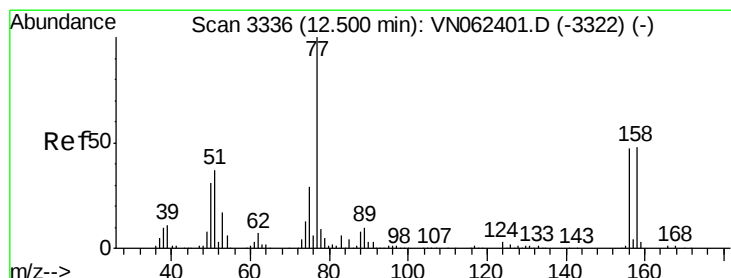
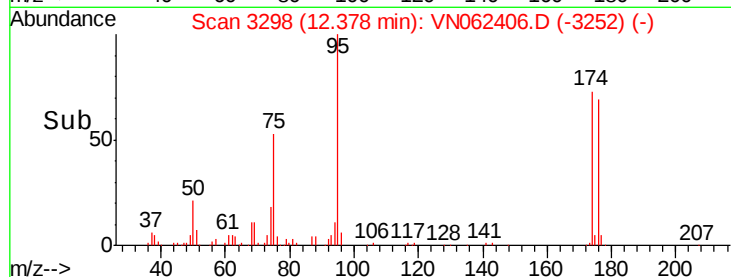
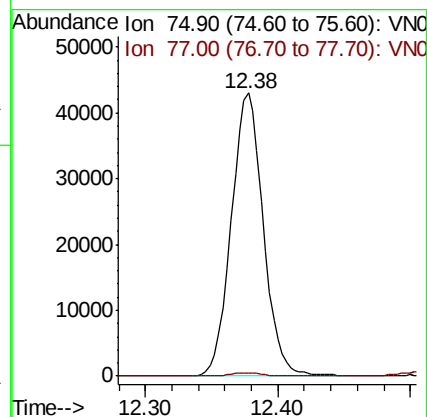
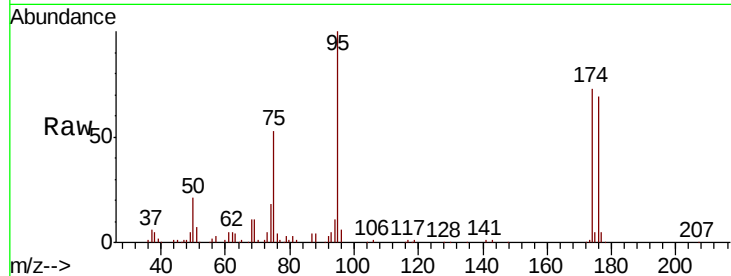
LOD-MDL-WATER-01-QT3-2020

Tot Ion: 75 Resp: 71970

Ion Ratio Lower Upper

75 100

77 1.0 0.0 0.0#



#77

Bromobenzene

Concen: 0.200 ug/l

RT: 12.50 min Scan# 3335

Delta R.T. -0.00 min

Lab File: VN062406.D

Acq: 8 Jul 2020 14:37

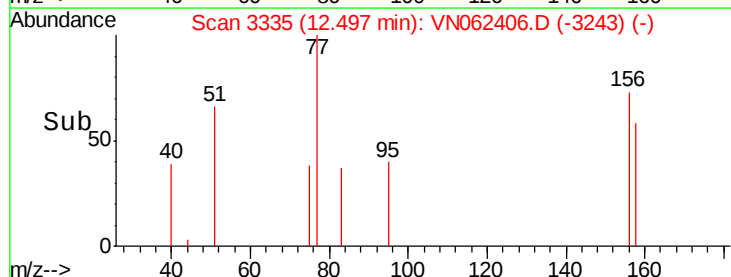
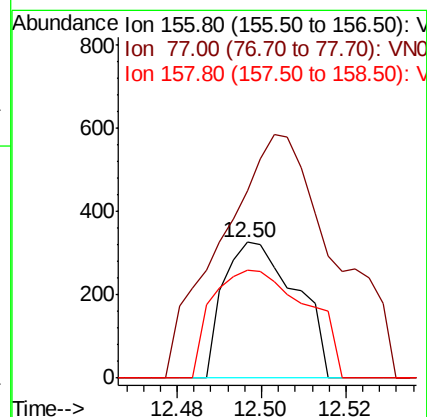
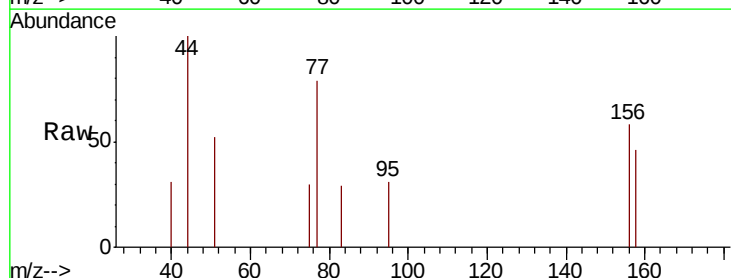
Tgt Ion: 156 Resp: 387

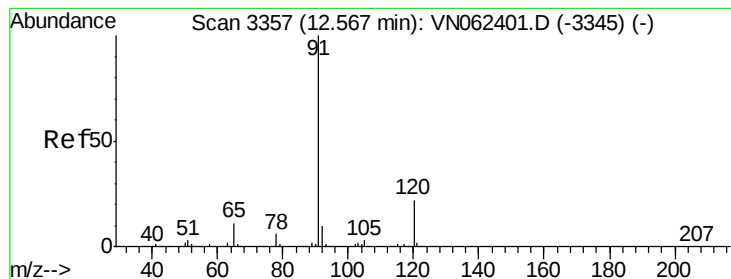
Ion Ratio Lower Upper

156 100

77 280.1 126.4 379.3

158 104.4 49.8 149.4





#78

n-propylbenzene

Concen: 0.243 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. 0.00 min

Lab File: VN062406.D

Acq: 8 Jul 2020 14:37

Instrument :

MSVOA_N

ClientSampleId :

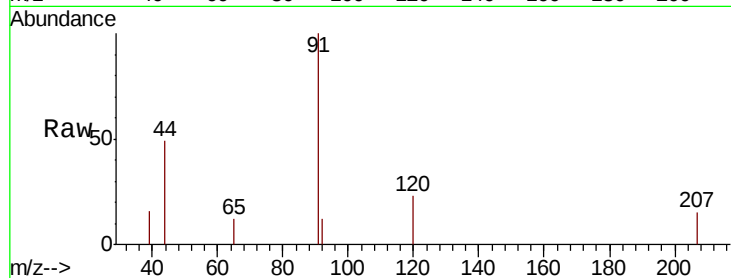
LOD-MDL-WATER-01-QT3-2020

Tot Ion: 91 Resp: 2420

Ion Ratio Lower Upper

91 100

120 11.3 10.7 32.1



Abundance Ion 91.00 (90.70 to 91.70): VN062406.D (-3345) (-)

Ion 120.00 (119.70 to 120.70): VN062406.D (-3345) (-)

12.57

1500

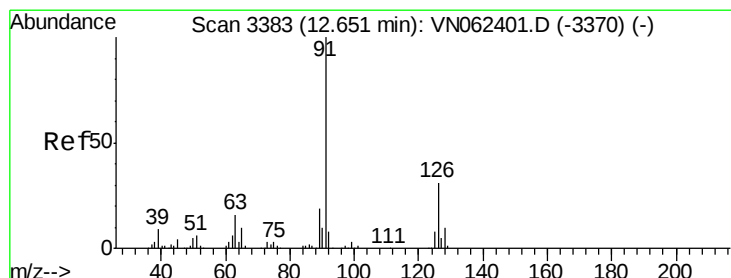
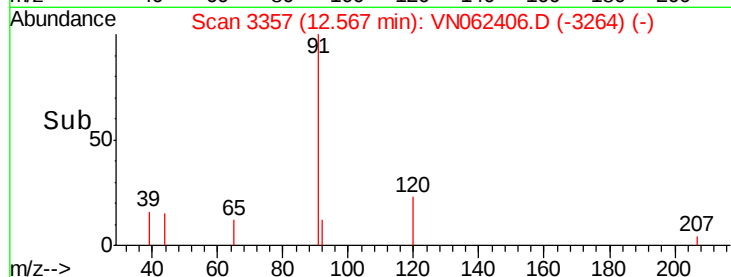
1000

500

0

12.55 12.60

Time-->



#79

2-Chlorotoluene

Concen: 0.237 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. -0.00 min

Lab File: VN062406.D

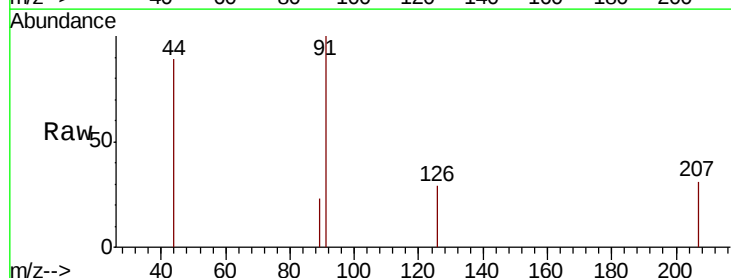
Acq: 8 Jul 2020 14:37

Tgt Ion: 91 Resp: 1430

Ion Ratio Lower Upper

91 100

126 25.3 15.6 46.7



Abundance Ion 91.00 (90.70 to 91.70): VN062406.D (-3370) (-)

Ion 125.90 (125.60 to 126.60): VN062406.D (-3370) (-)

12.65

800

600

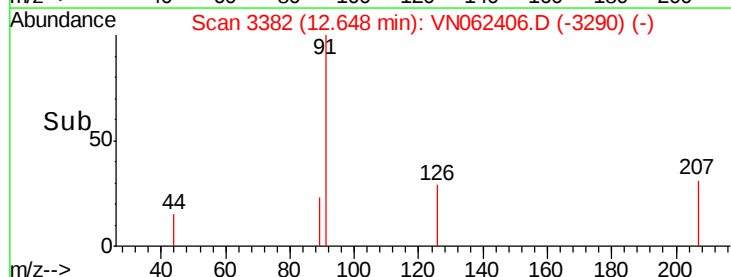
400

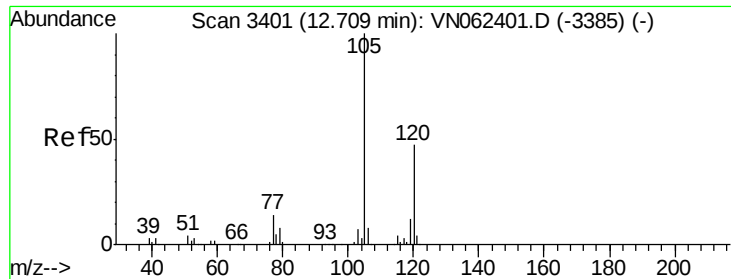
200

0

12.60 12.65

Time-->

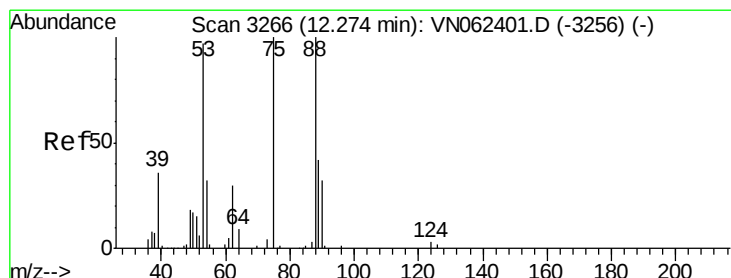
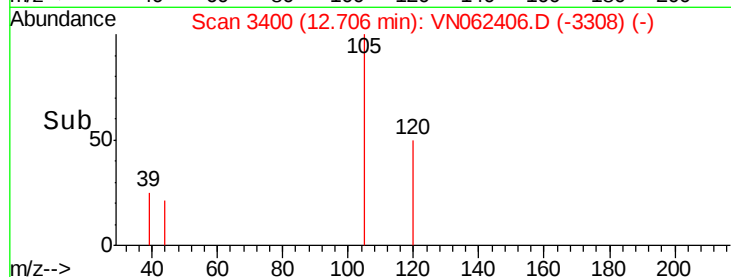
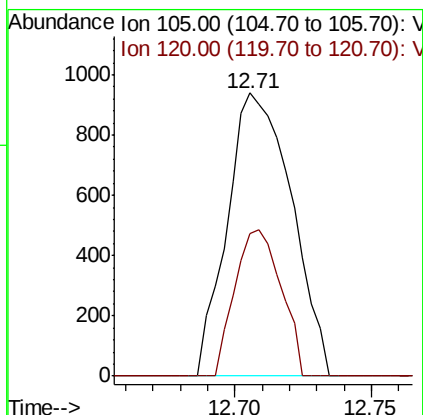
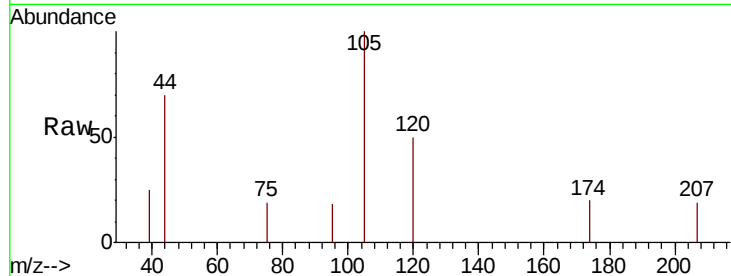




#80
 1,3,5-Trimethylbenzene
 Concen: 0.220 ug/l
 RT: 12.71 min Scan# 3400
 Delta R.T. -0.00 min
 Lab File: VN062406.D
 Acq: 8 Jul 2020 14:37

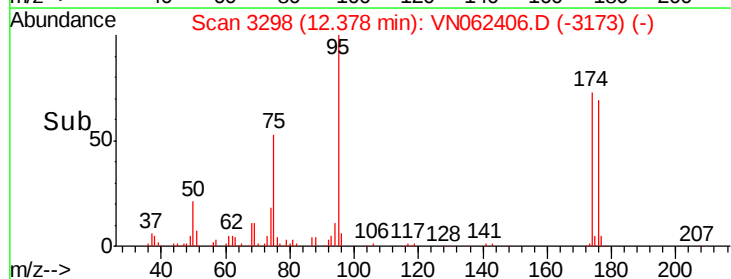
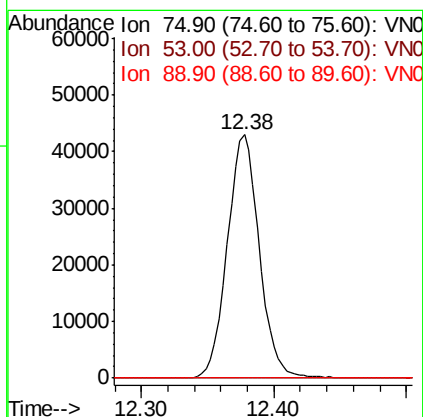
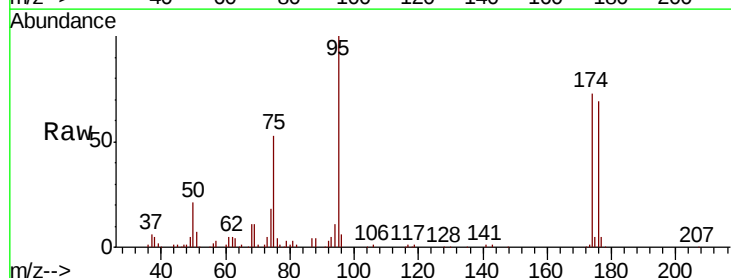
Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2020

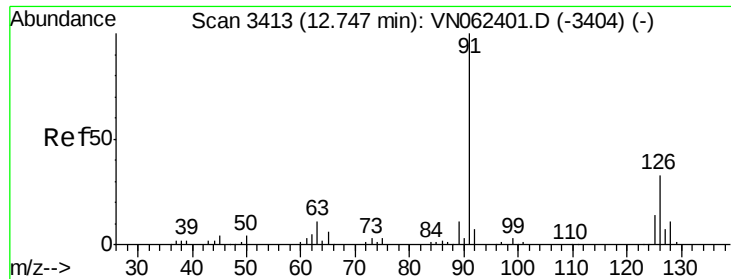
Tot Ion:105 Resp: 1538
 Ion Ratio Lower Upper
 105 100
 120 37.2 23.4 70.2



#81
 trans-1,4-Dichloro-2-butene
 Concen: 71.283 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. 0.10 min
 Lab File: VN062406.D
 Acq: 8 Jul 2020 14:37

Tgt Ion: 75 Resp: 71970
 Ion Ratio Lower Upper
 75 100
 53 0.0 79.2 118.8#
 89 0.0 34.6 52.0#

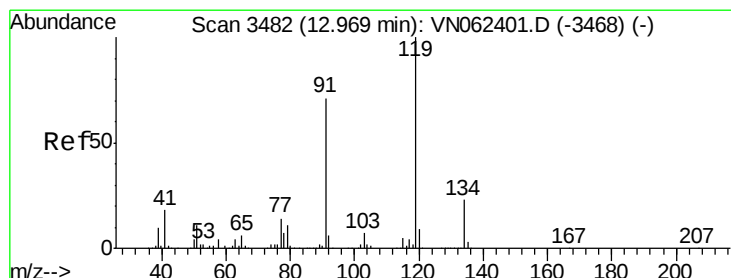
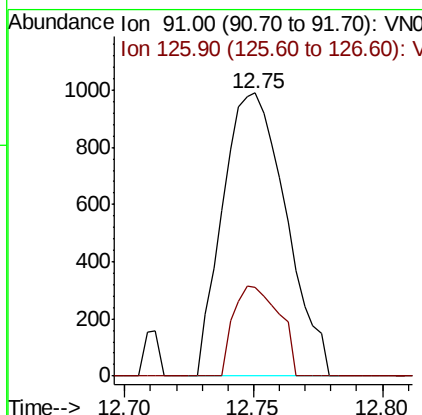
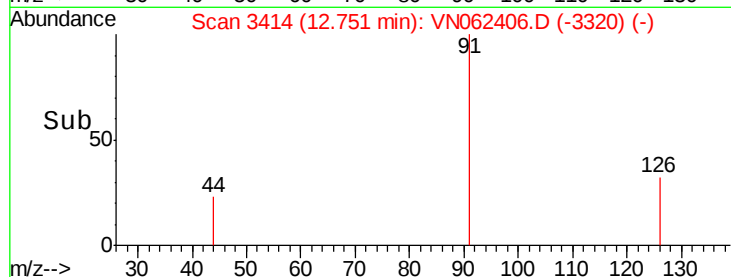
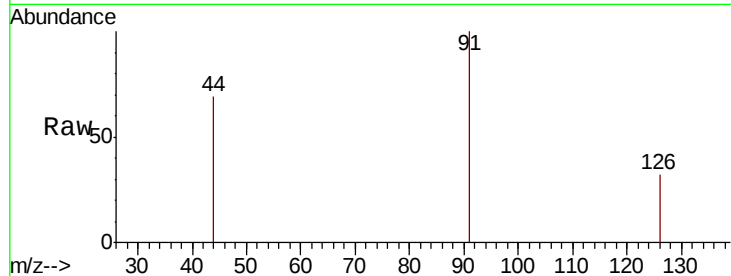




#82
4-Chlorotoluene
Concen: 0.276 ug/l
RT: 12.75 min Scan# 3414
Delta R.T. 0.00 min
Lab File: VN062406.D
Acq: 8 Jul 2020 14:37

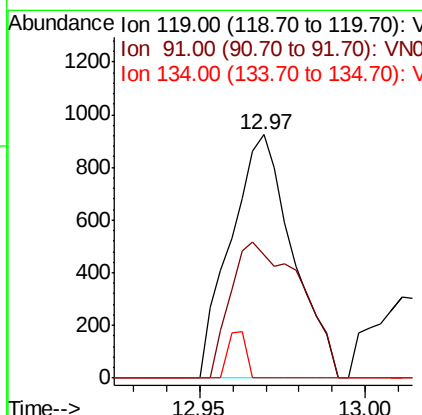
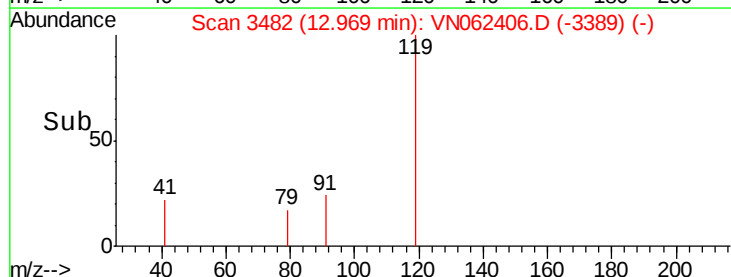
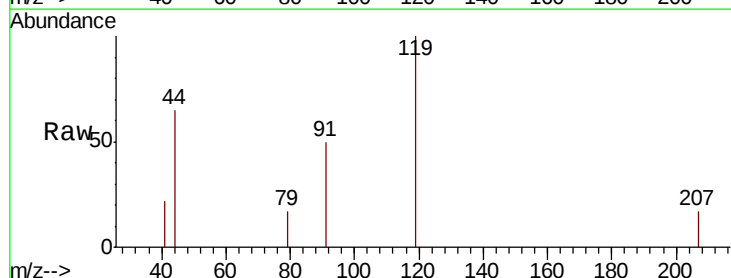
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

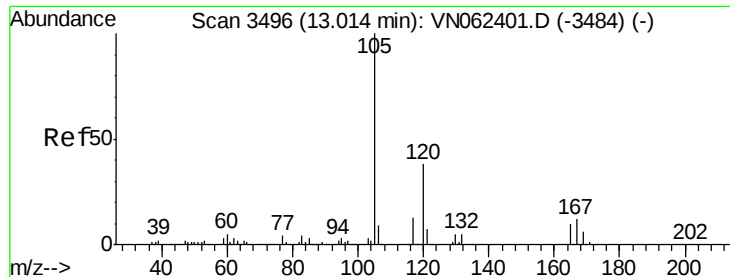
Tot Ion: 91 Resp: 1693
Ion Ratio Lower Upper
91 100
126 22.9 15.2 45.6



#83
tert-Butylbenzene
Concen: 0.202 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. 0.00 min
Lab File: VN062406.D
Acq: 8 Jul 2020 14:37

Tgt Ion: 119 Resp: 1197
Ion Ratio Lower Upper
119 100
91 64.2 34.8 104.3
134 5.5 11.7 35.0#

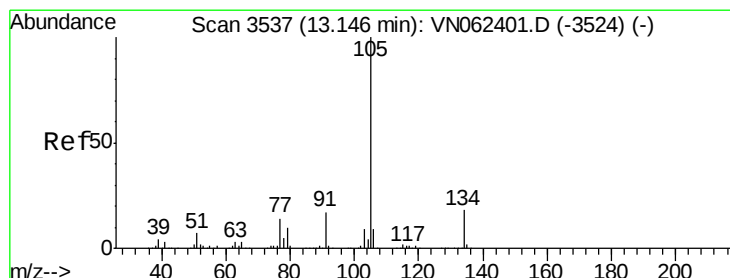
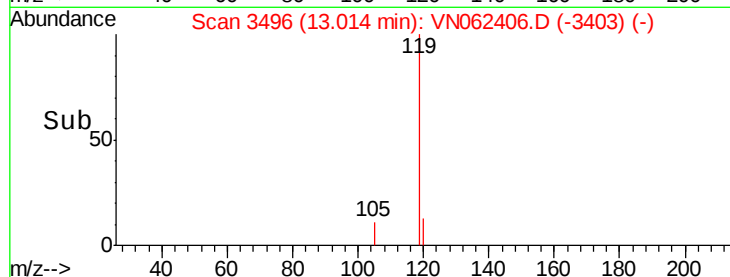
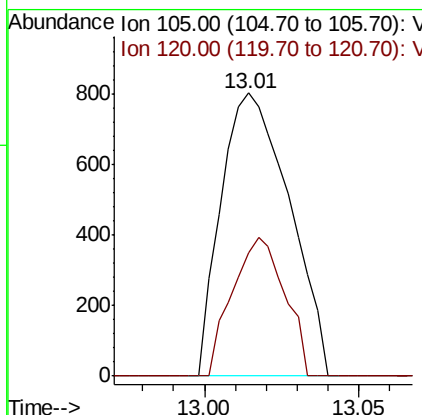
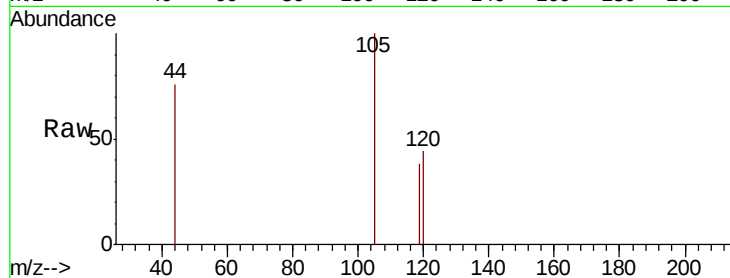




#84
 1,2,4-Trimethylbenzene
 Concen: 0.178 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. 0.00 min
 Lab File: VN062406.D
 Acq: 8 Jul 2020 14:37

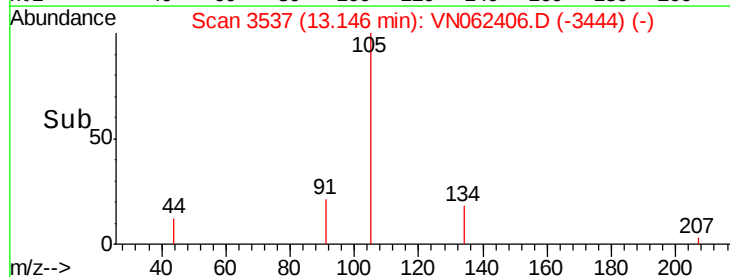
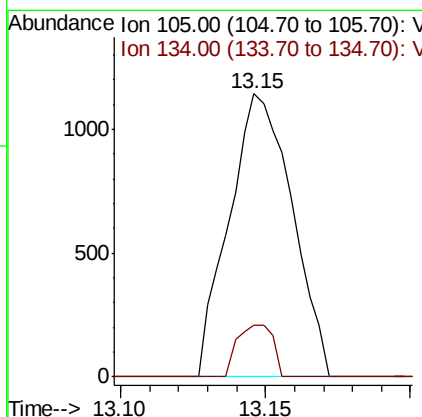
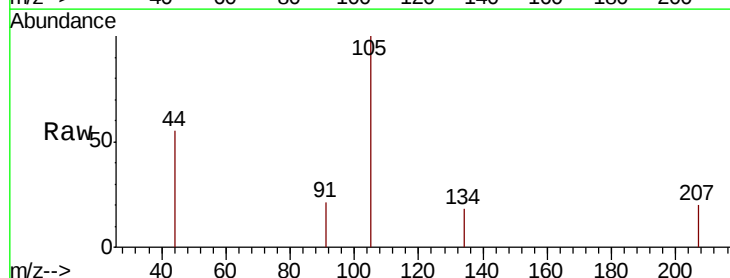
Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2020

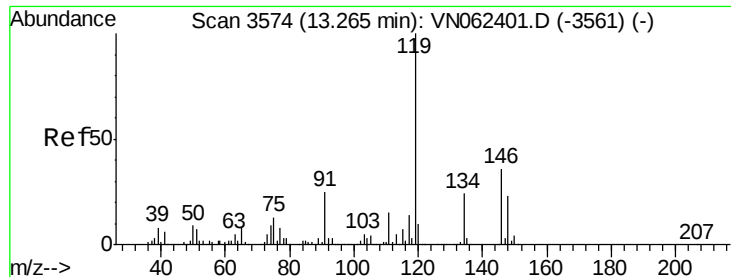
Tot Ion:105 Resp: 1233
 Ion Ratio Lower Upper
 105 100
 120 37.8 21.6 64.8



#85
 sec-Butylbenzene
 Concen: 0.219 ug/l
 RT: 13.15 min Scan# 3537
 Delta R.T. 0.00 min
 Lab File: VN062406.D
 Acq: 8 Jul 2020 14:37

Tgt Ion:105 Resp: 1724
 Ion Ratio Lower Upper
 105 100
 134 10.3 9.3 28.0

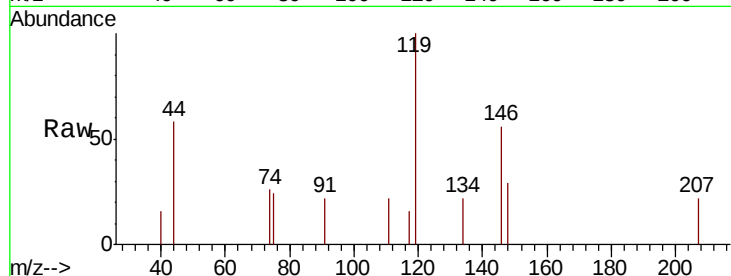




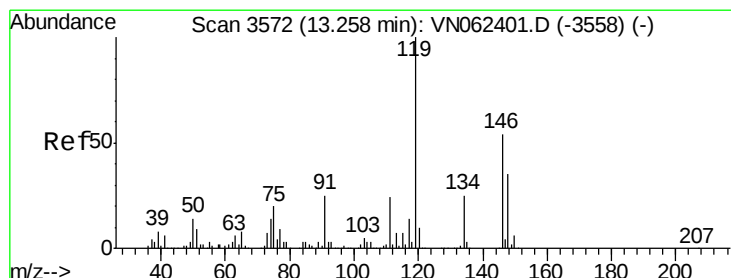
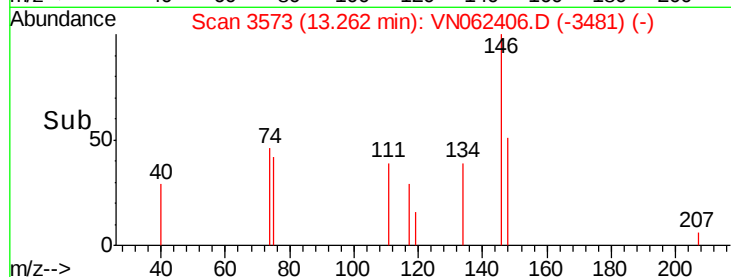
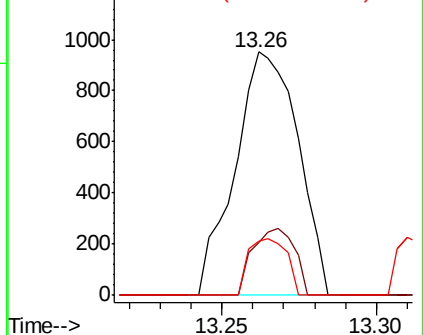
#86
p-Isopropyltoluene
Concen: 0.199 ug/l
RT: 13.26 min Scan# 3573
Delta R.T. -0.00 min
Lab File: VN062406.D
Acq: 8 Jul 2020 14:37

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

Tot Ion:119 Resp: 1351
Ion Ratio Lower Upper
119 100
134 18.1 12.4 37.0
91 14.1 12.4 37.4

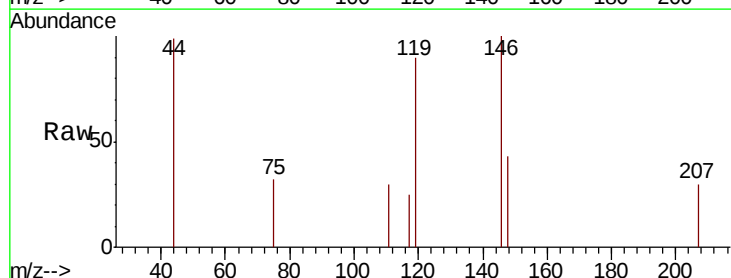


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 134.00 (133.70 to 134.70): V
Ion 91.00 (90.70 to 91.70): V

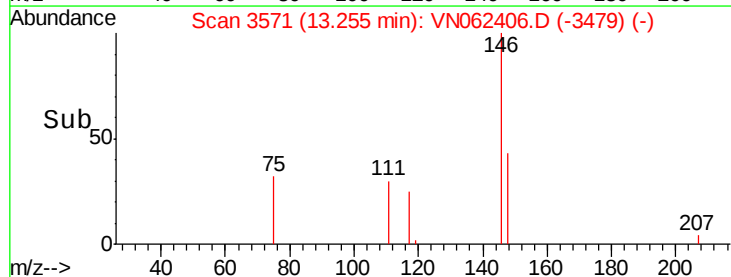
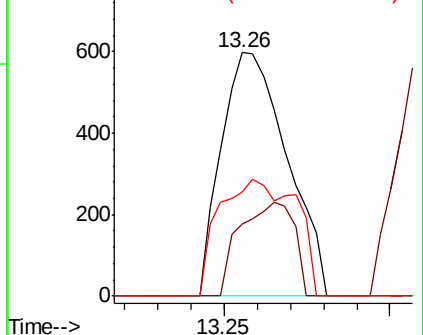


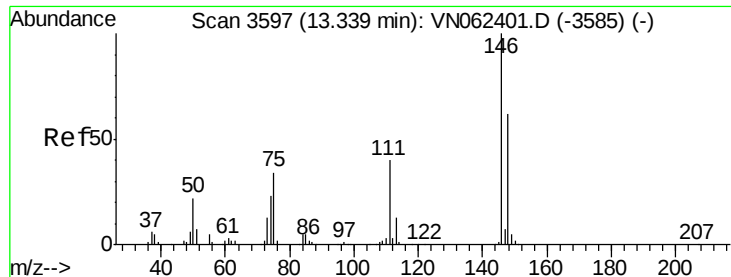
#87
1,3-Dichlorobenzene
Concen: 0.247 ug/l
RT: 13.26 min Scan# 3571
Delta R.T. -0.00 min
Lab File: VN062406.D
Acq: 8 Jul 2020 14:37

Tgt Ion:146 Resp: 825
Ion Ratio Lower Upper
146 100
111 31.5 21.6 64.6
148 55.8 32.2 96.6



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V





#88

1,4-Dichlorobenzene

Concen: 0.240 ug/l

RT: 13.26 min Scan# 3571

Delta R.T. -0.08 min

Lab File: VN062406.D

Acq: 8 Jul 2020 14:37

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

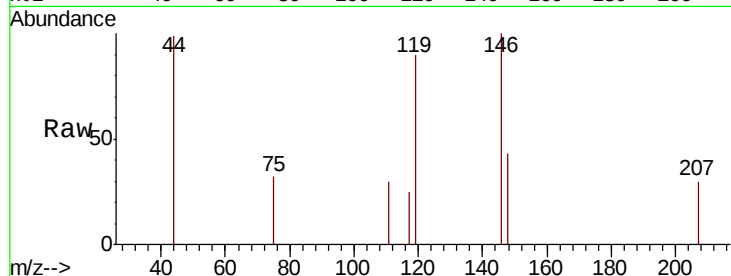
Tot Ion:146 Resp: 825

Ion Ratio Lower Upper

146 100

111 31.5 21.1 63.1

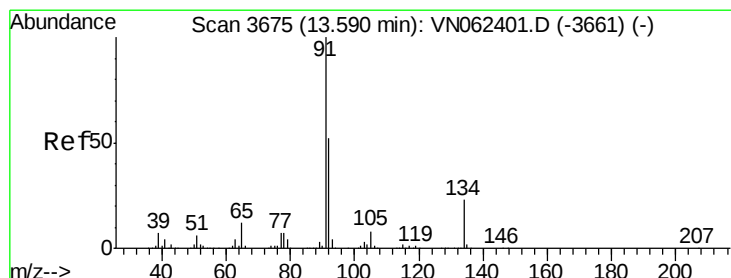
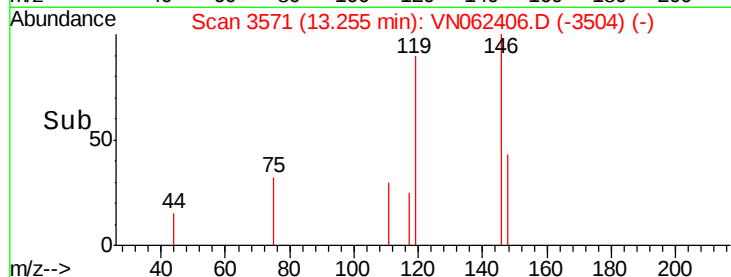
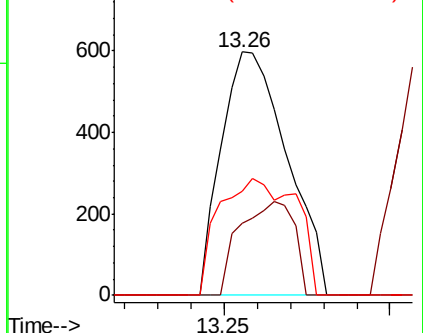
148 55.8 31.4 94.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#89

n-Butylbenzene

Concen: 0.236 ug/l

RT: 13.59 min Scan# 3676

Delta R.T. 0.00 min

Lab File: VN062406.D

Acq: 8 Jul 2020 14:37

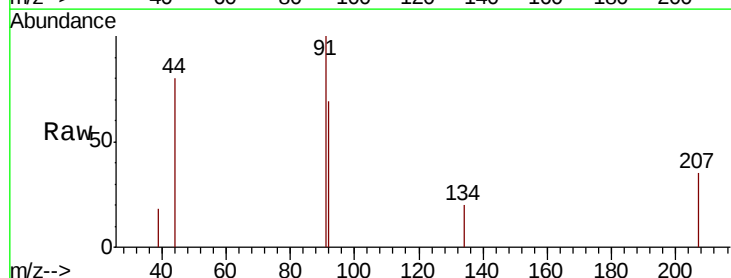
Tgt Ion: 91 Resp: 1412

Ion Ratio Lower Upper

91 100

92 47.3 25.9 77.7

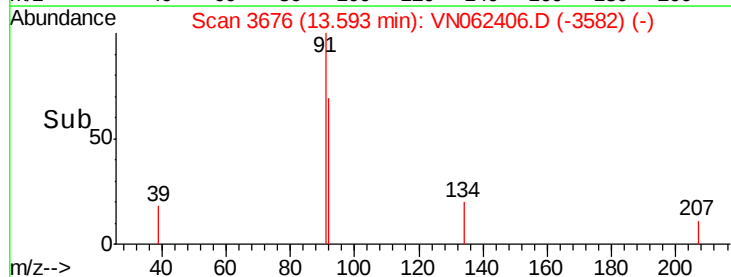
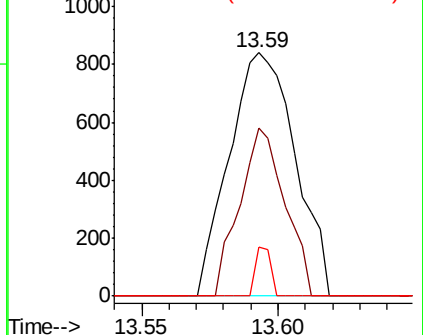
134 4.5 11.6 34.8#

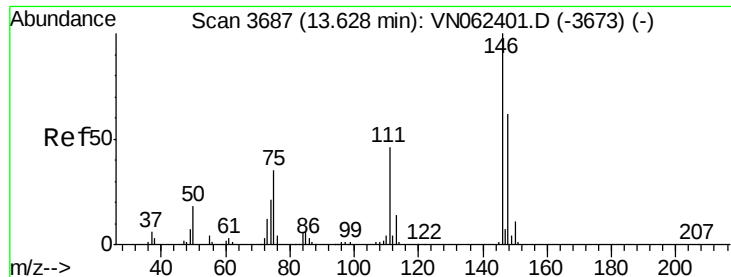


Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 92.00 (91.70 to 92.70): VN0

Ion 134.00 (133.70 to 134.70): V





#91

1,2-Dichlorobenzene

Concen: 0.235 ug/l

RT: 13.63 min Scan# 3687

Delta R.T. 0.00 min

Lab File: VN062406.D

Acq: 8 Jul 2020 14:37

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

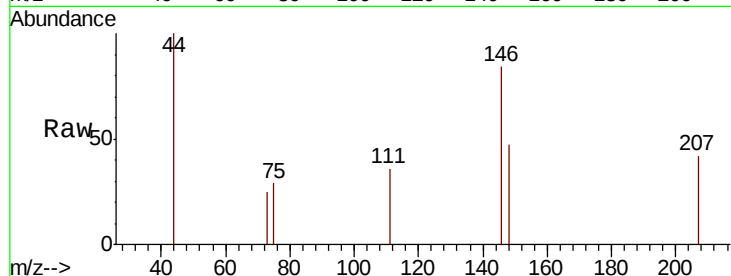
Tot Ion:146 Resp: 758

Ion Ratio Lower Upper

146 100

111 24.7 22.5 67.5

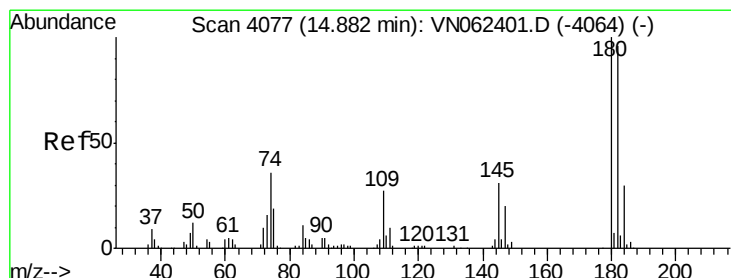
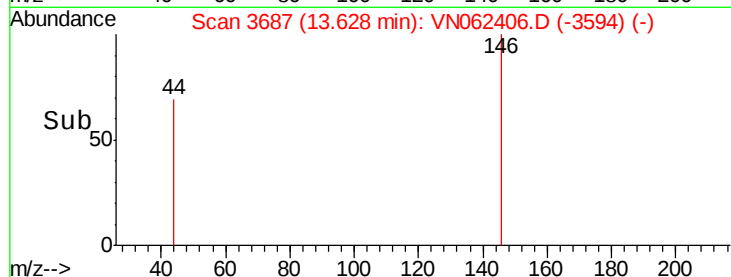
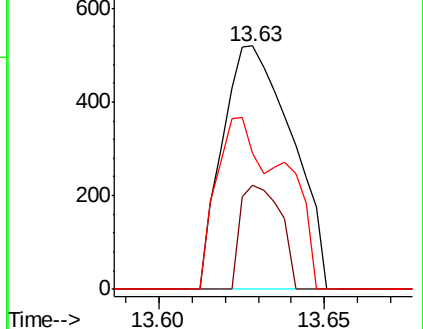
148 68.3 31.4 94.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#93

1,2,4-Trichlorobenzene

Concen: 0.187 ug/l

RT: 14.88 min Scan# 4077

Delta R.T. 0.00 min

Lab File: VN062406.D

Acq: 8 Jul 2020 14:37

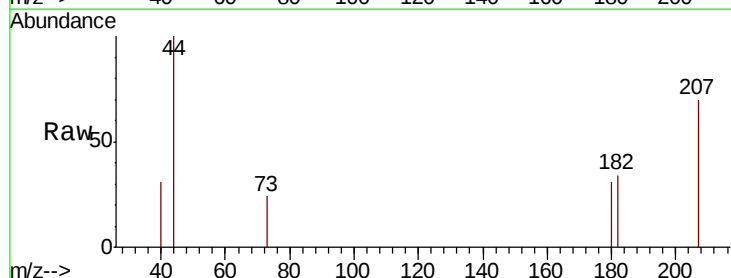
Tgt Ion:180 Resp: 273

Ion Ratio Lower Upper

180 100

182 145.8 48.4 145.2#

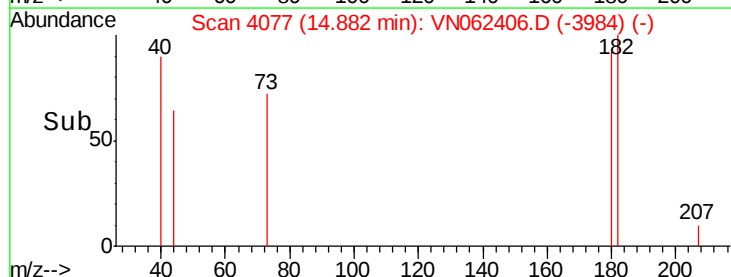
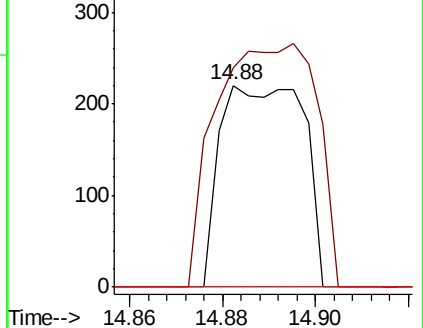
145 0.0 15.5 46.5#

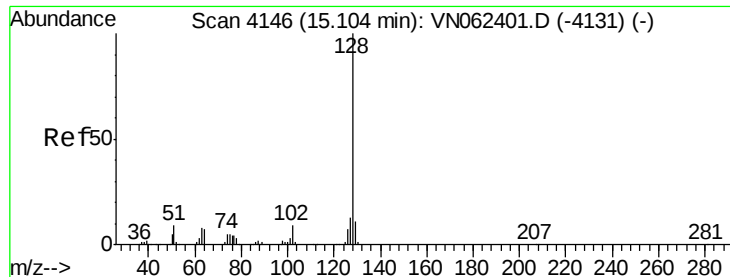


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#95

Naphthalene

Concen: 0.369 ug/l

RT: 15.11 min Scan# 4148

Delta R.T. 0.01 min

Lab File: VN062406.D

Acq: 8 Jul 2020 14:37

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

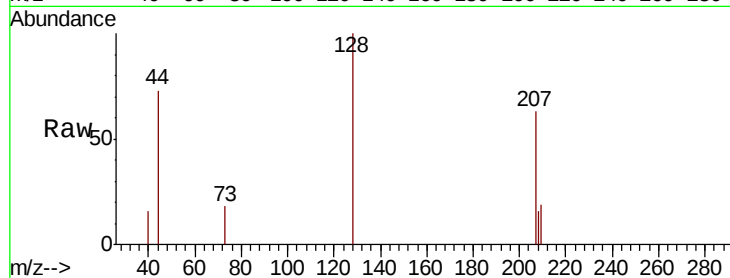
Tot Ion:128 Resp: 1517

Ion Ratio Lower Upper

128 100

127 0.0 10.2 15.2#

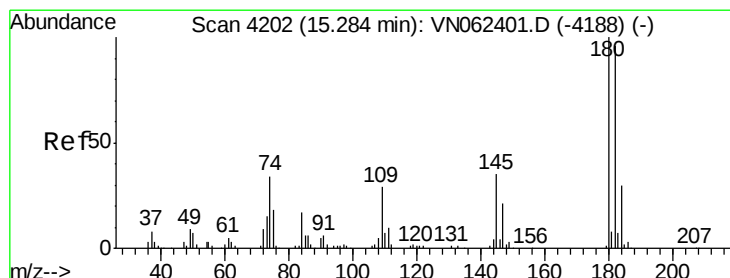
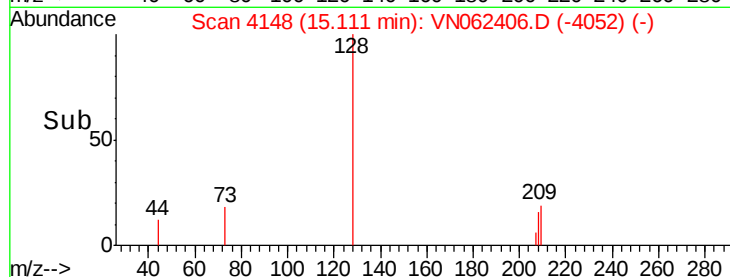
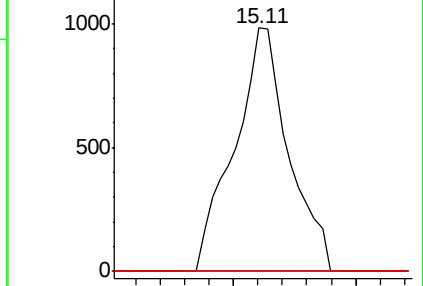
129 0.0 8.6 12.8#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 0.234 ug/l

RT: 15.29 min Scan# 4203

Delta R.T. 0.00 min

Lab File: VN062406.D

Acq: 8 Jul 2020 14:37

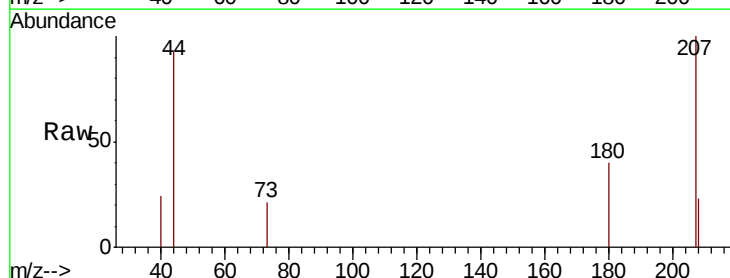
Tgt Ion:180 Resp: 355

Ion Ratio Lower Upper

180 100

182 57.5 47.8 143.4

145 0.0 17.0 50.9#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

