

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052820\
 Data File : VN061550.D
 Acq On : 28 May 2020 23:36
 Operator : JC/MD
 Sample : L2182-07 .75PPB LOD
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

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

Quant Time: May 29 02:48:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 29 02:45:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	305049	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	554648	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	498257	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	209976	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	191485	52.69	ug/l	0.00
Spiked Amount			Recovery	=	105.38%	
35) Dibromofluoromethane	7.55	113	148854	52.90	ug/l	0.00
Spiked Amount			Recovery	=	105.80%	
50) Toluene-d8	10.06	98	604516	46.36	ug/l	0.00
Spiked Amount			Recovery	=	92.72%	
62) 4-Bromofluorobenzene	12.38	95	200401	42.13	ug/l	0.00
Spiked Amount			Recovery	=	84.26%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	1900	0.596	ug/l	95
3) Chloromethane	2.03	50	3710	0.997	ug/l	92
4) Vinyl Chloride	2.16	62	4076	0.799	ug/l	99
5) Bromomethane	2.54	94	3668	1.254	ug/l	87
6) Chloroethane	2.67	64	2575	0.785	ug/l	91
7) Trichlorofluoromethane	2.98	101	5731	0.872	ug/l	97
8) Diethyl Ether	3.38	74	1585	0.788	ug/l #	48
9) 1,1,2-Trichlorotrifluoroet	3.71	101	2251	0.772	ug/l #	78
10) Methyl Iodide	3.91	142	3870	0.956	ug/l #	63
11) Tert butyl alcohol	4.74	59	1083	2.240	ug/l #	72
12) 1,1-Dichloroethene	3.70	96	2775	0.890	ug/l	83
13) Acrolein	3.58	56	928	5.007	ug/l	94
14) Allyl chloride	4.27	41	3053	0.749	ug/l #	74
15) Acrylonitrile	4.94	53	4460	3.305	ug/l #	53
16) Acetone	3.78	43	7359	5.725	ug/l	97
17) Carbon Disulfide	4.01	76	7056	1.029	ug/l	100
18) Methyl Acetate	4.27	43	1641	0.499	ug/l	89
19) Methyl tert-butyl Ether	4.99	73	5292	0.498	ug/l	93
20) Methylene Chloride	4.49	84	3008	0.675	ug/l	91
21) trans-1,2-Dichloroethene	4.98	96	1344	0.382	ug/l	89
22) Diisopropyl ether	5.90	45	7004	0.780	ug/l #	85
23) Vinyl Acetate	5.84	43	26669	3.725	ug/l	98
24) 1,1-Dichloroethane	5.79	63	3286	0.577	ug/l #	81
25) 2-Butanone	6.80	43	6538	3.796	ug/l	90
26) 2,2-Dichloropropane	6.77	77	3848	0.738	ug/l #	67
27) cis-1,2-Dichloroethene	6.78	96	1827	0.459	ug/l	19
28) Bromochloromethane	7.15	49	779	0.317	ug/l #	81
29) Tetrahydrofuran	7.17	42	4545	4.001	ug/l	95
30) Chloroform	7.32	83	2732	0.434	ug/l	89
31) Cyclohexane	7.62	56	9073	1.771	ug/l #	44
32) 1,1,1-Trichloroethane	7.52	97	2575	0.448	ug/l #	30
36) 1,1-Dichloropropene	7.75	75	4026	0.820	ug/l	85
37) Ethyl Acetate	6.88	43	1833	0.463	ug/l #	88
38) Carbon Tetrachloride	7.73	117	2714	0.573	ug/l #	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	4576	0.756	ug/l #	85
40) Benzene	8.00	78	11178	0.738	ug/l	98
41) Methacrylonitrile	7.14	41	1561	0.862	ug/l #	49
42) 1,2-Dichloroethane	8.09	62	3706	0.731	ug/l	86
43) Isopropyl Acetate	8.12	43	5097	0.716	ug/l #	85
44) Trichloroethene	8.80	130	3479	0.747	ug/l	99
45) 1,2-Dichloropropane	9.08	63	2718	0.756	ug/l	98
46) Dibromomethane	9.17	93	1864	0.676	ug/l	95
47) Bromodichloromethane	9.37	83	3631	0.664	ug/l	97
48) Methyl methacrylate	9.17	41	2115	0.661	ug/l	91
49) 1,4-Dioxane	9.17	88	820	16.535	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	13479	3.362	ug/l	95
52) Toluene	10.13	92	7282	0.736	ug/l	97
53) t-1,3-Dichloropropene	10.35	75	4238	0.720	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	4462	0.705	ug/l #	93
55) 1,1,2-Trichloroethane	10.54	97	2858	0.725	ug/l #	77
56) Ethyl methacrylate	10.40	69	3359	0.610	ug/l	89
57) 1,3-Dichloropropane	10.68	76	4384	0.696	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.67	63	6756	2.873	ug/l	97
59) 2-Hexanone	10.72	43	8786	3.051	ug/l	100
60) Dibromochloromethane	10.87	129	2743	0.612	ug/l	95
61) 1,2-Dibromoethane	10.98	107	2711	0.660	ug/l	98
64) Tetrachloroethene	10.61	164	3554	0.758	ug/l	87
65) Chlorobenzene	11.41	112	7704	0.744	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	2368	0.614	ug/l #	61
67) Ethyl Benzene	11.48	91	12715	0.710	ug/l	90
68) m/p-Xylenes	11.60	106	9697	1.366	ug/l	93
69) o-Xylene	11.92	106	4499	0.667	ug/l	93
70) Styrene	11.94	104	7417	0.664	ug/l	99
71) Bromoform	12.10	173	1593	0.536	ug/l #	97
73) Isopropylbenzene	12.22	105	12373	0.807	ug/l	98
74) N-amyl acetate	12.05	43	3611	0.748	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.48	83	3512	0.818	ug/l #	93
76) 1,2,3-Trichloropropane	12.53	75	4863	1.274	ug/l #	100
77) Bromobenzene	12.50	156	3302	0.844	ug/l	96
78) n-propylbenzene	12.57	91	13787	0.806	ug/l	97
79) 2-Chlorotoluene	12.65	91	8758	0.858	ug/l	97
80) 1,3,5-Trimethylbenzene	12.71	105	9813	0.766	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	100921	67.593	ug/l #	15
82) 4-Chlorotoluene	12.75	91	9403	0.876	ug/l	97
83) tert-Butylbenzene	12.97	119	8768	0.775	ug/l	97
84) 1,2,4-Trimethylbenzene	13.02	105	9519	0.748	ug/l	97
85) sec-Butylbenzene	13.15	105	10935	0.750	ug/l	93
86) p-Isopropyltoluene	13.26	119	9903	0.737	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	5482	0.791	ug/l	96
88) 1,4-Dichlorobenzene	13.26	146	5482	0.777	ug/l	95
89) n-Butylbenzene	13.59	91	8767	0.779	ug/l	93
90) Hexachloroethane	13.85	117	921	0.620	ug/l	80
91) 1,2-Dichlorobenzene	13.62	146	5031	0.760	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	701	0.800	ug/l	64

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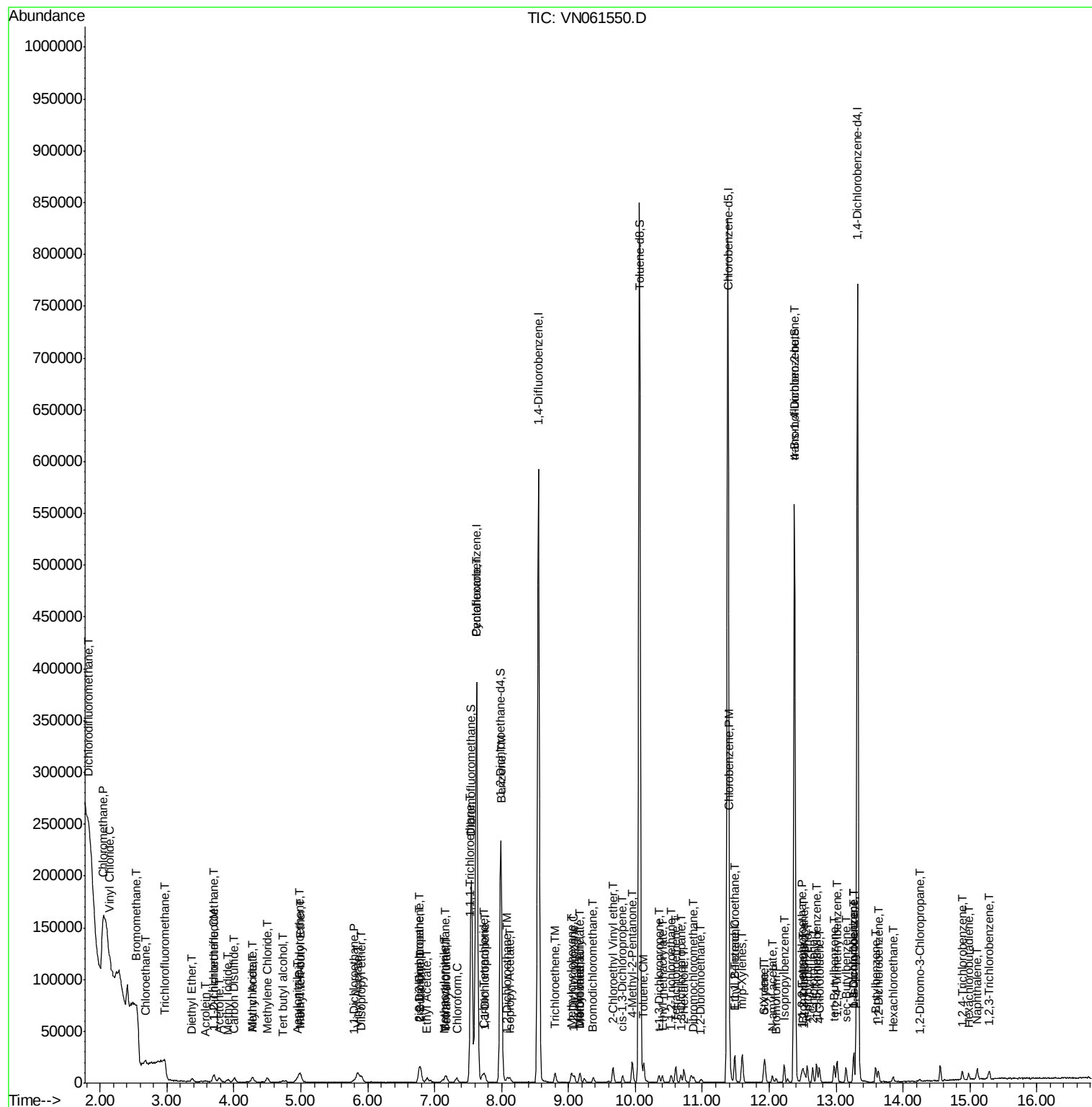
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	3125	0.807	ug/l	93
94) Hexachlorobutadiene	14.98	225	1045	0.633	ug/l	80
95) Naphthalene	15.11	128	9054	0.768	ug/l	97
96) 1,2,3-Trichlorobenzene	15.29	180	2974	0.781	ug/l	97

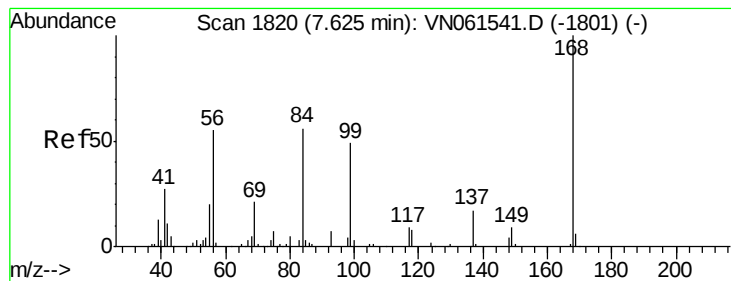
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN052820\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN061550.D

Acq: 28 May 2020 23:36

Instrument :

MSVOA_N

ClientSampleId :

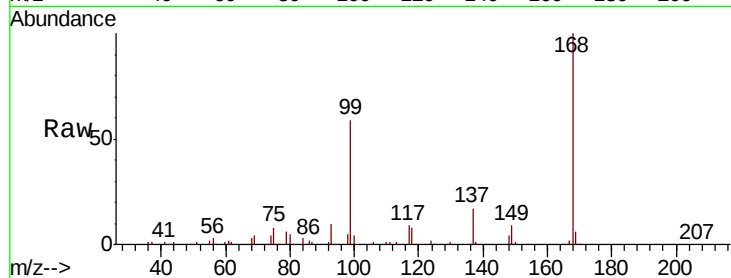
LOD-MDL-WATER-01-QT2-2020

Tot Ion:168 Resp: 305049

Ion Ratio Lower Upper

168 100

99 58.4 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): VN061541.D (-1801) (-)

Ion 98.90 (98.60 to 99.60): VN061541.D (-1801) (-)

7.63

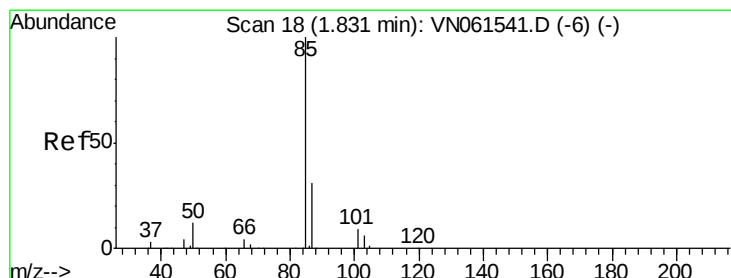
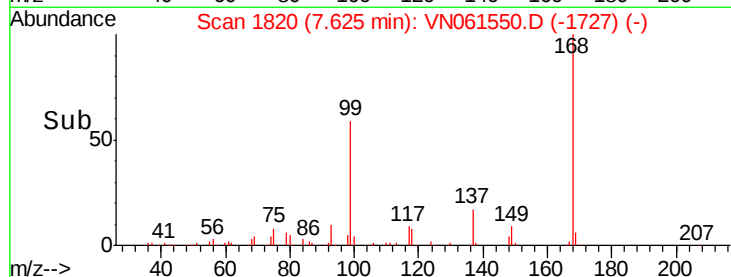
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 0.596 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN061550.D

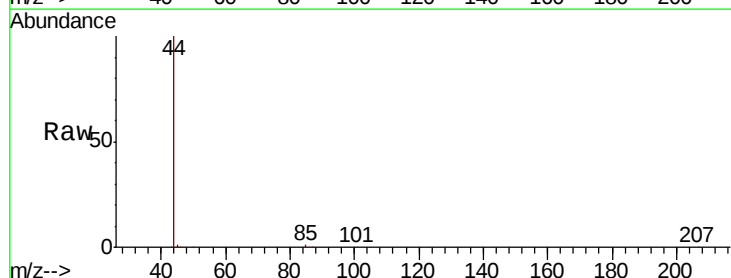
Acq: 28 May 2020 23:36

Tgt Ion: 85 Resp: 1900

Ion Ratio Lower Upper

85 100

87 28.3 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VN061541.D (-6) (-)

Ion 86.90 (86.60 to 87.60): VN061541.D (-6) (-)

1.83

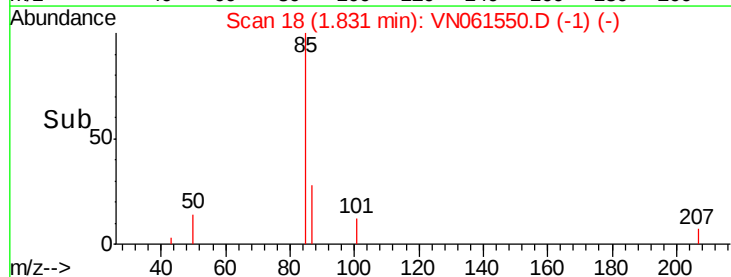
1500

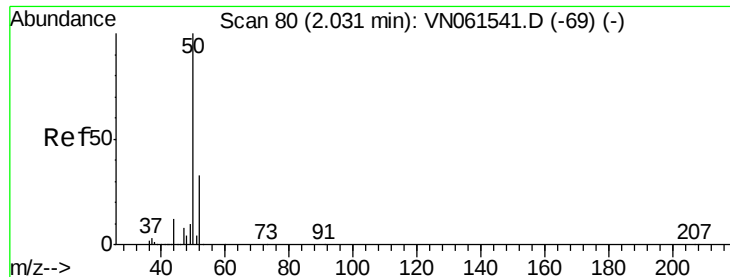
1000

500

0

Time-->





#3

Chloromethane

Concen: 0.997 ug/l

RT: 2.03 min Scan# 80

Delta R.T. 0.00 min

Lab File: VN061550.D

Acq: 28 May 2020 23:36

Instrument :

MSVOA_N

ClientSampleId :

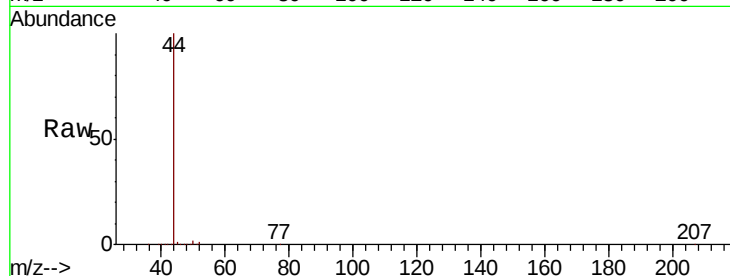
LOD-MDL-WATER-01-QT2-2020

Tot Ion: 50 Resp: 3710

Ion Ratio Lower Upper

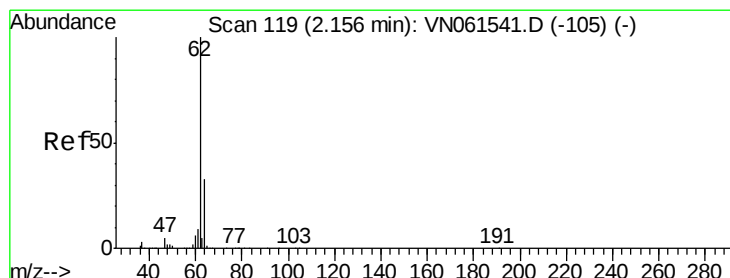
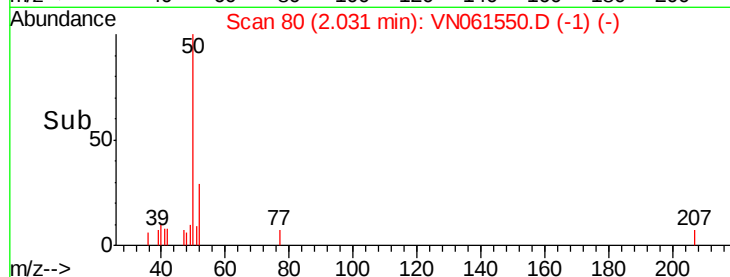
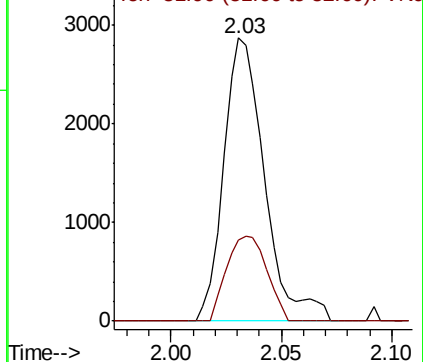
50 100

52 28.8 26.7 40.1



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 0.799 ug/l

RT: 2.16 min Scan# 119

Delta R.T. -0.00 min

Lab File: VN061550.D

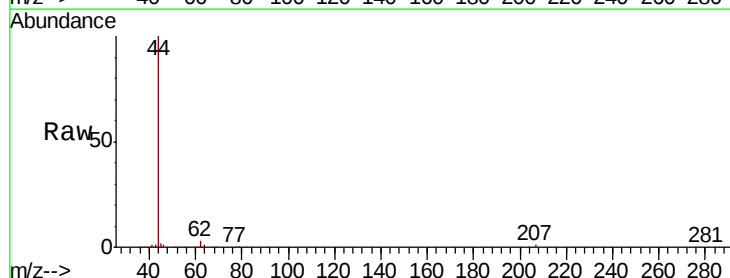
Acq: 28 May 2020 23:36

Tgt Ion: 62 Resp: 4076

Ion Ratio Lower Upper

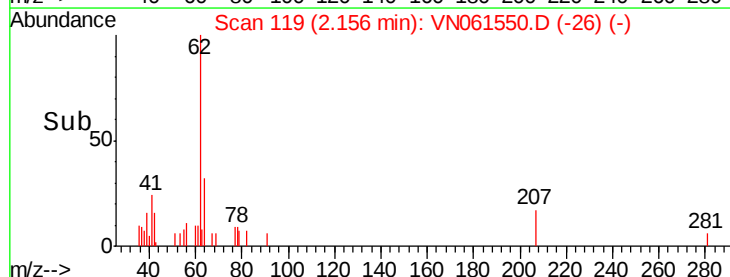
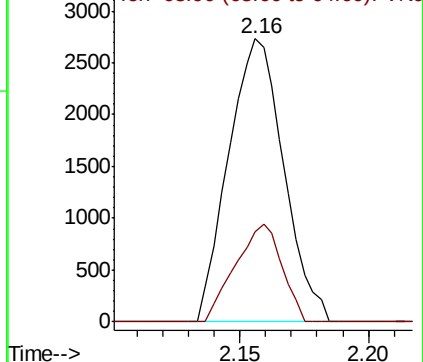
62 100

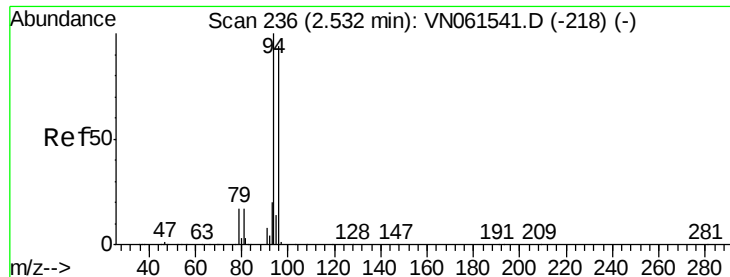
64 31.9 26.2 39.2



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO





#5

Bromomethane

Concen: 1.254 ug/l

RT: 2.54 min Scan# 238

Delta R.T. 0.01 min

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Acq: 28 May 2020 23:36

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ClientSampleId :

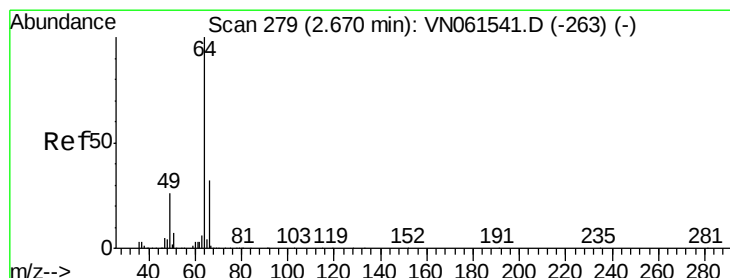
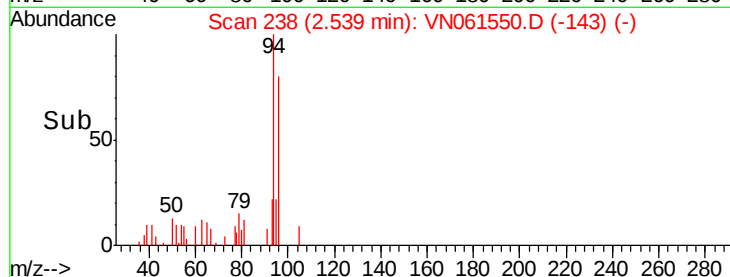
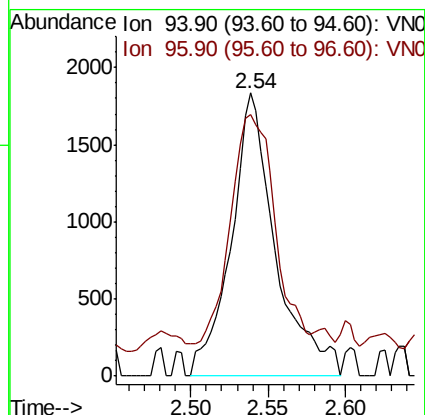
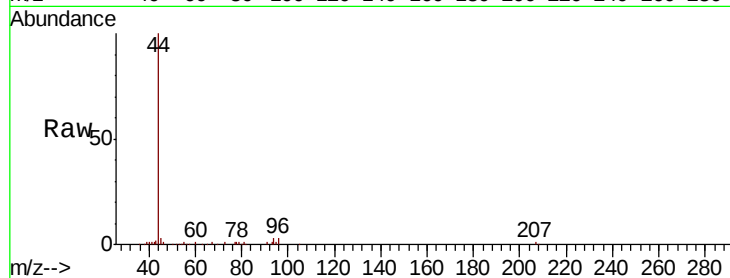
LOD-MDL-WATER-01-QT2-2020

Tot Ion: 94 Resp: 3668

Ion Ratio Lower Upper

94 100

96 80.7 74.8 112.2



#6

Chloroethane

Concen: 0.785 ug/l

RT: 2.67 min Scan# 279

Delta R.T. -0.00 min

Lab File: VN061550.D

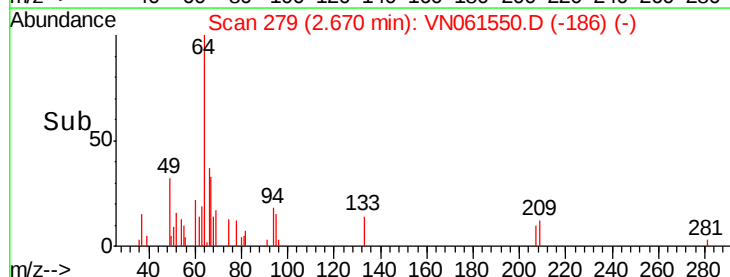
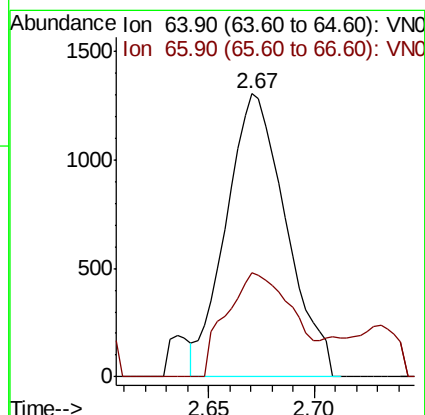
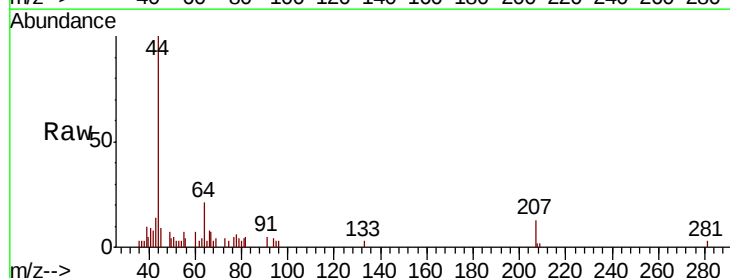
Acq: 28 May 2020 23:36

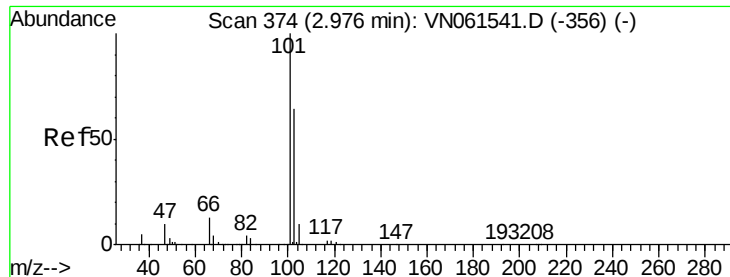
Tgt Ion: 64 Resp: 2575

Ion Ratio Lower Upper

64 100

66 36.8 25.6 38.4



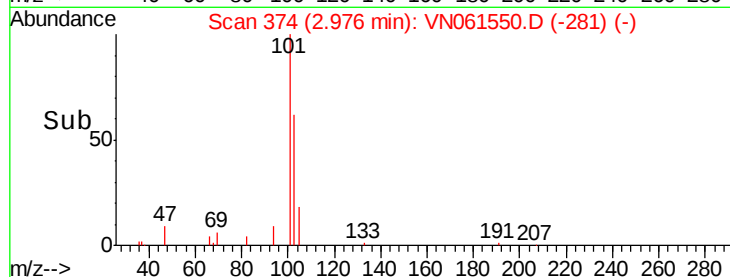
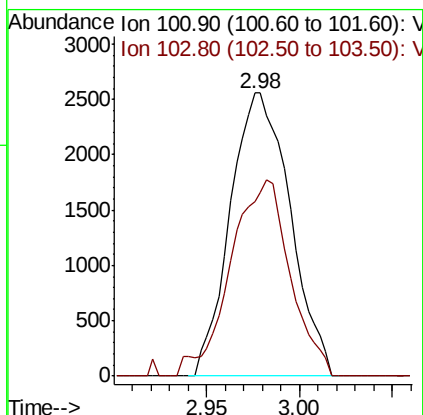
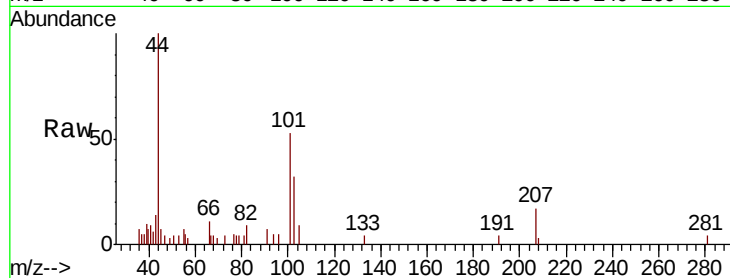


#7

Trichlorofluoromethane
 Concen: 0.872 ug/l
 RT: 2.98 min Scan# 374
 Delta R.T. 0.00 min
 Lab File: VN061550.D
 Acq: 28 May 2020 23:36

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 LOD-MDL-WATER-01-QT2-2020

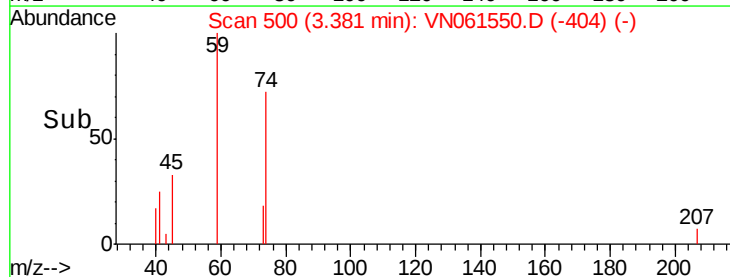
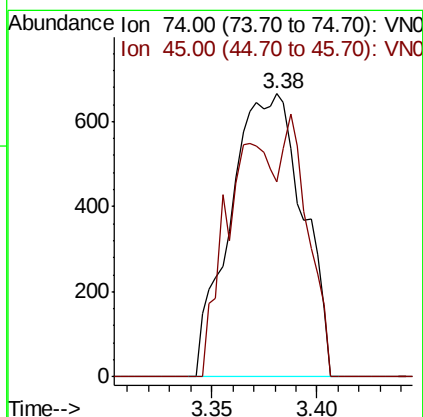
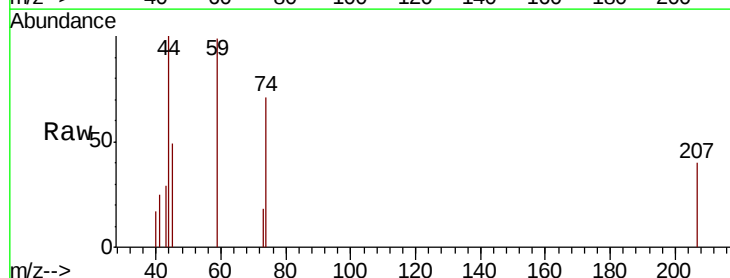
Tot Ion:101 Resp: 5731
 Ion Ratio Lower Upper
 101 100
 103 61.6 51.4 77.2



#8

Diethyl Ether
 Concen: 0.788 ug/l
 RT: 3.38 min Scan# 500
 Delta R.T. 0.01 min
 Lab File: VN061550.D
 Acq: 28 May 2020 23:36

Tgt Ion: 74 Resp: 1585
 Ion Ratio Lower Upper
 74 100
 45 34.1 39.9 119.7#





#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.772 ug/l

RT: 3.71 min Scan# 603

Delta R.T. -0.00 min

Lab File: VN061550.D

Acq: 28 May 2020 23:36

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

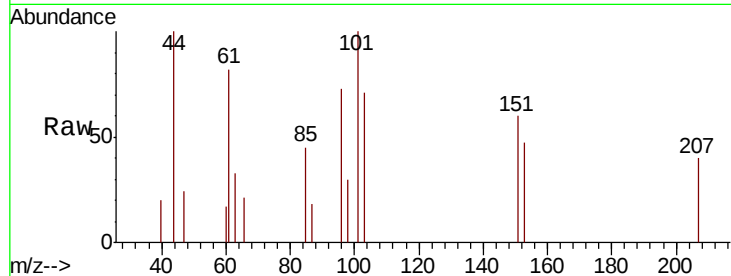
Tot Ion:101 Resp: 2251

Ion Ratio Lower Upper

101 100

85 7.9 35.2 52.8#

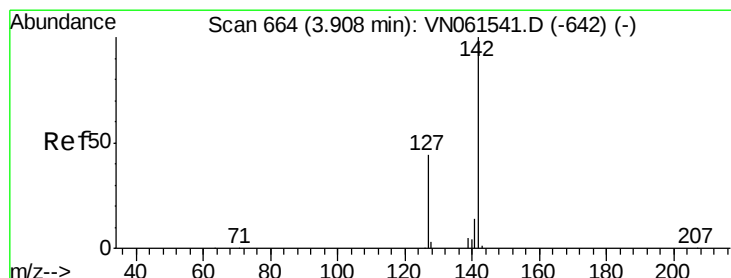
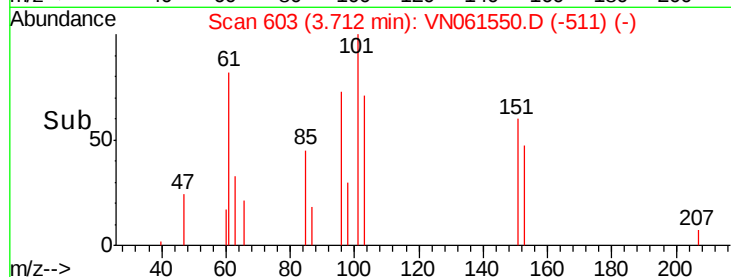
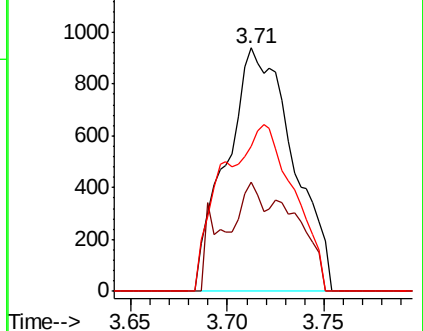
151 74.1 61.0 91.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 0.956 ug/l

RT: 3.91 min Scan# 665

Delta R.T. 0.00 min

Lab File: VN061550.D

Acq: 28 May 2020 23:36

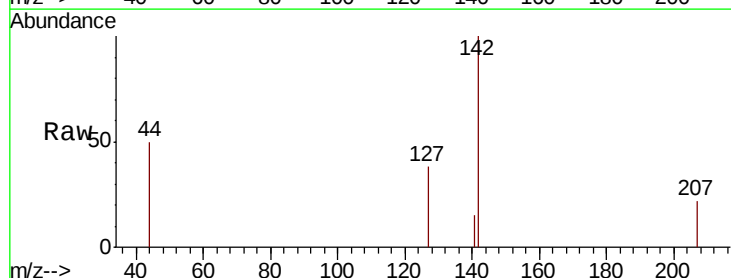
Tgt Ion:142 Resp: 3870

Ion Ratio Lower Upper

142 100

127 14.5 35.5 53.3#

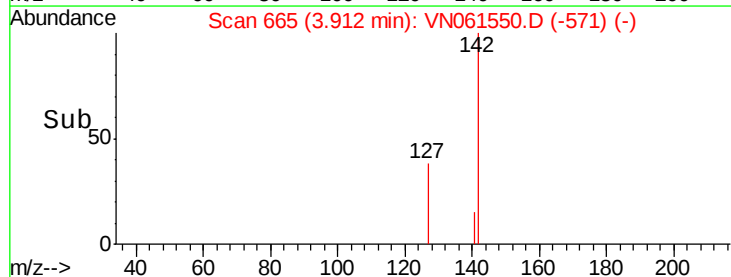
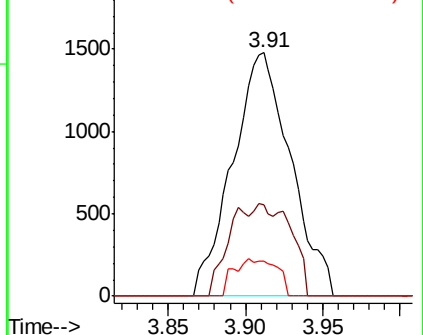
141 11.2 11.5 17.3#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



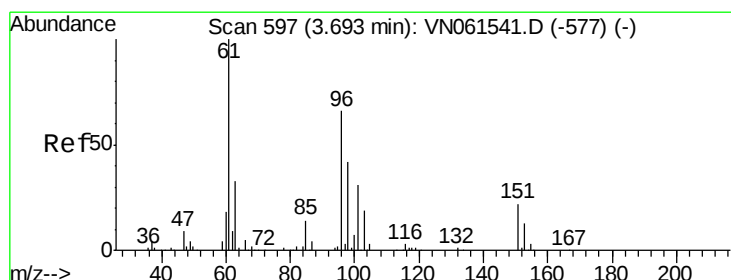
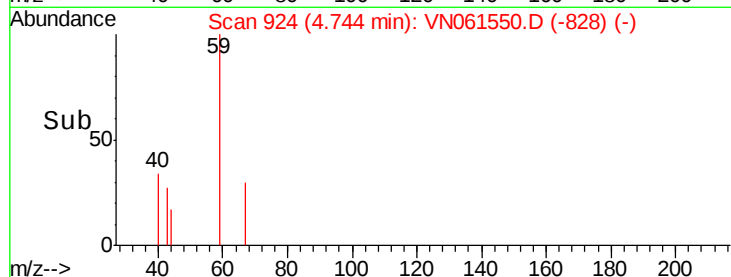
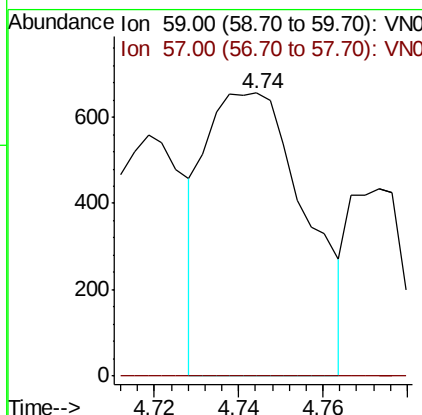
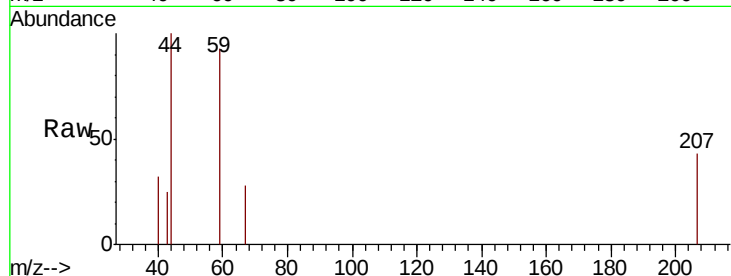


#11

Tert butyl alcohol
Concen: 2.240 ug/l
RT: 4.74 min Scan# 924
Delta R.T. 0.01 min
Lab File: VN061550.D
Acq: 28 May 2020 23:36

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

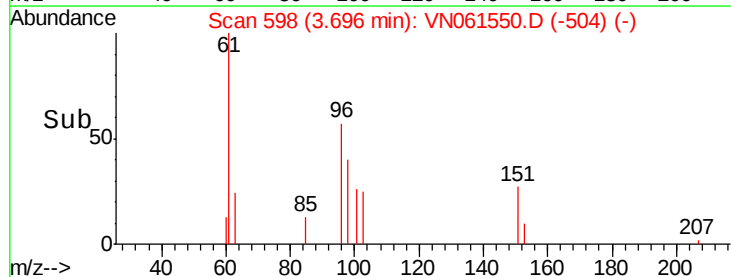
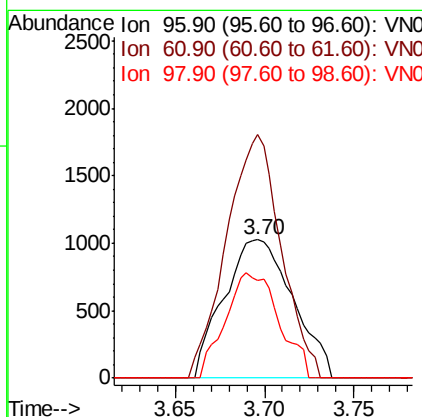
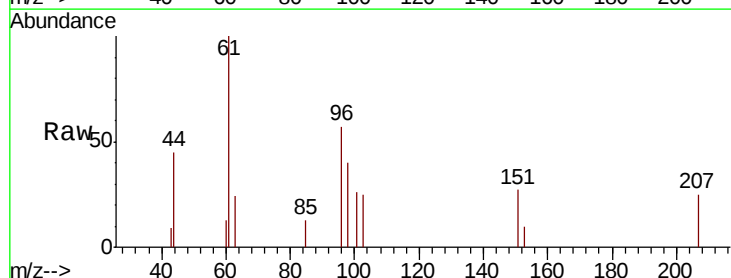
Tot Ion: 59 Resp: 1083
Ion Ratio Lower Upper
59 100
57 0.0 8.4 12.6#

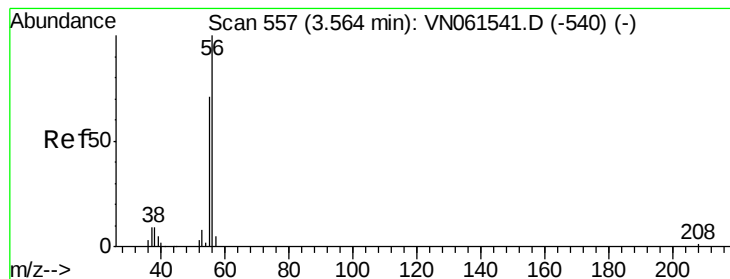


#12

1,1-Dichloroethene
Concen: 0.890 ug/l
RT: 3.70 min Scan# 598
Delta R.T. 0.00 min
Lab File: VN061550.D
Acq: 28 May 2020 23:36

Tgt Ion: 96 Resp: 2775
Ion Ratio Lower Upper
96 100
61 176.1 120.5 180.7
98 70.6 50.8 76.2





#13

Acrolein

Concen: 5.007 ug/l

RT: 3.58 min Scan# 562

Delta R.T. 0.02 min

Lab File: VN061550.D

Acq: 28 May 2020 23:36

Instrument :

MSVOA_N

ClientSampleId :

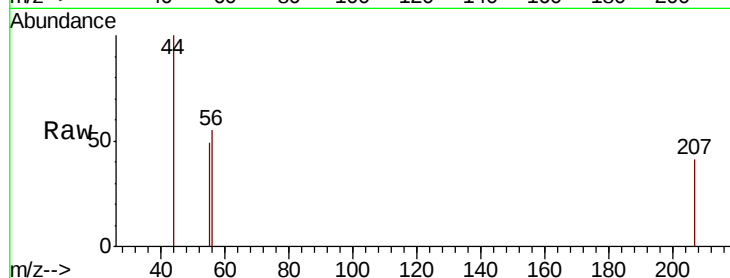
LOD-MDL-WATER-01-QT2-2020

Tot Ion: 56 Resp: 928

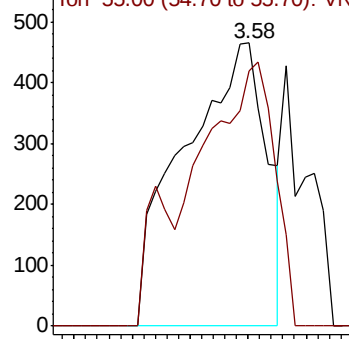
Ion Ratio Lower Upper

56 100

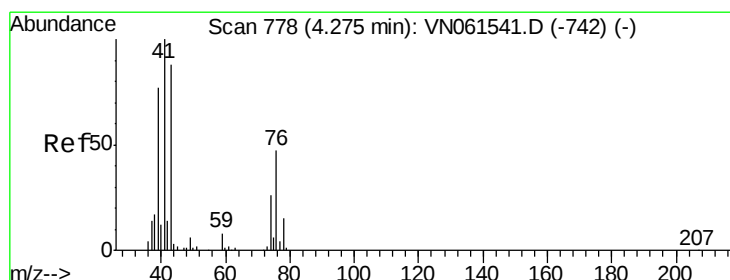
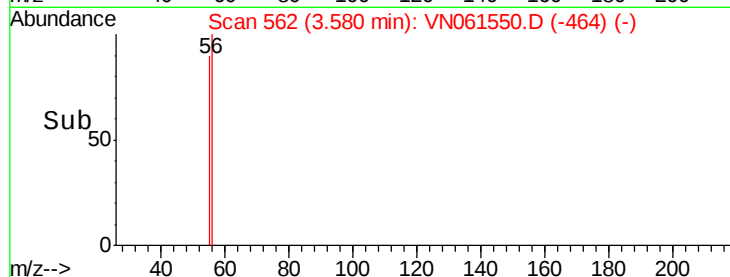
55 77.2 58.0 87.0



Abundance Ion 56.00 (55.70 to 56.70): VN061550.D (-540) (-)



Time-->



#14

Allyl chloride

Concen: 0.749 ug/l

RT: 4.27 min Scan# 778

Delta R.T. 0.00 min

Lab File: VN061550.D

Acq: 28 May 2020 23:36

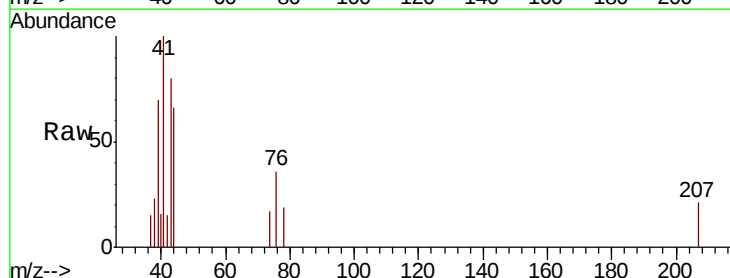
Tgt Ion: 41 Resp: 3053

Ion Ratio Lower Upper

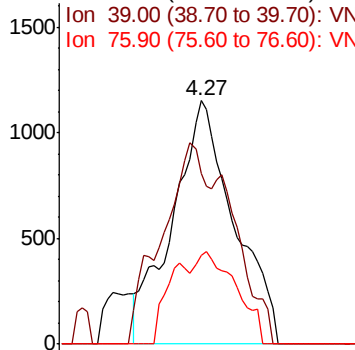
41 100

39 61.4 58.6 88.0

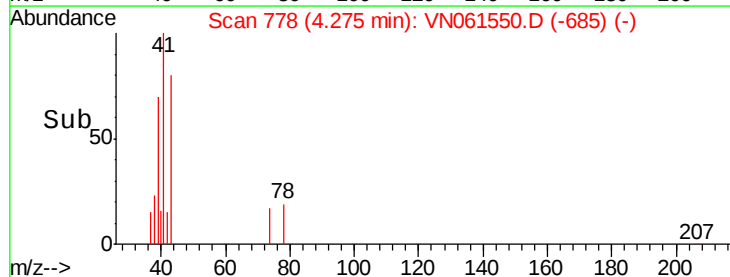
76 13.6 34.2 51.4#



Abundance Ion 41.00 (40.70 to 41.70): VN061550.D (-685) (-)



Time-->





#15

Acrylonitrile

Concen: 3.305 ug/l

RT: 4.94 min Scan# 985

Delta R.T. 0.01 min

Lab File: VN061550.D

Acq: 28 May 2020 23:36

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

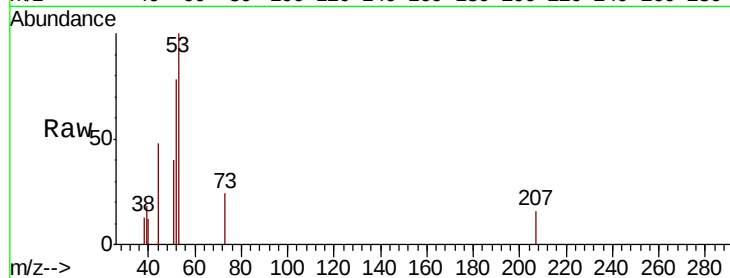
Tot Ion: 53 Resp: 4460

Ion Ratio Lower Upper

53 100

52 35.7 65.4 98.2#

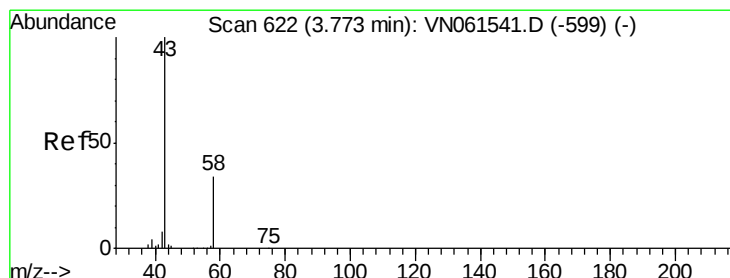
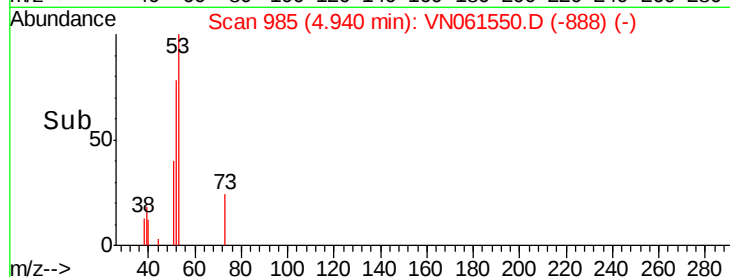
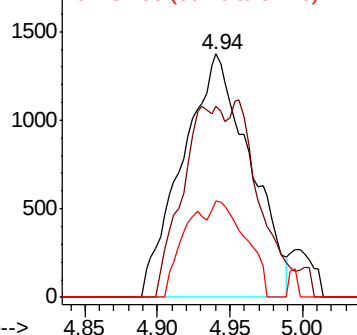
51 14.2 29.0 43.6#



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: 5.725 ug/l

RT: 3.78 min Scan# 623

Delta R.T. 0.00 min

Lab File: VN061550.D

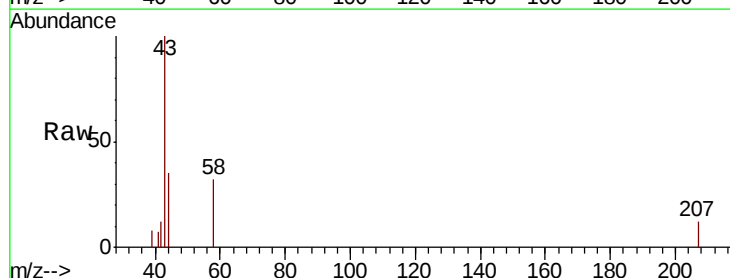
Acq: 28 May 2020 23:36

Tgt Ion: 43 Resp: 7359

Ion Ratio Lower Upper

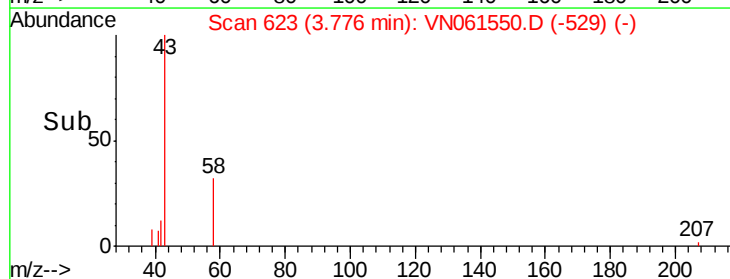
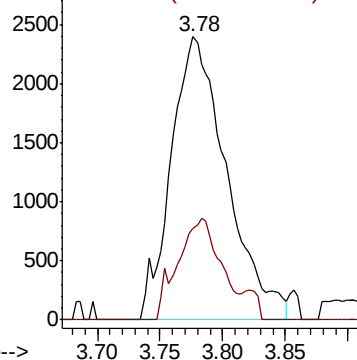
43 100

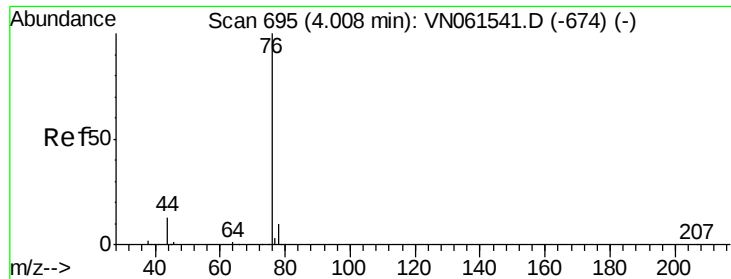
58 32.5 27.2 40.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

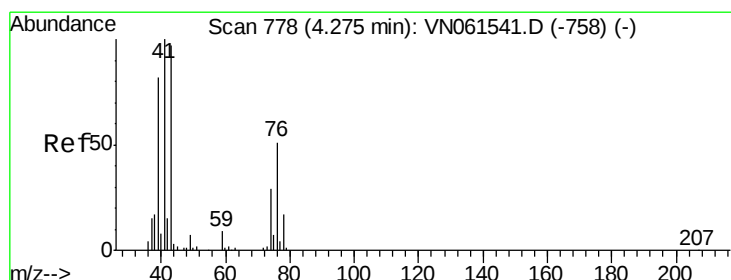
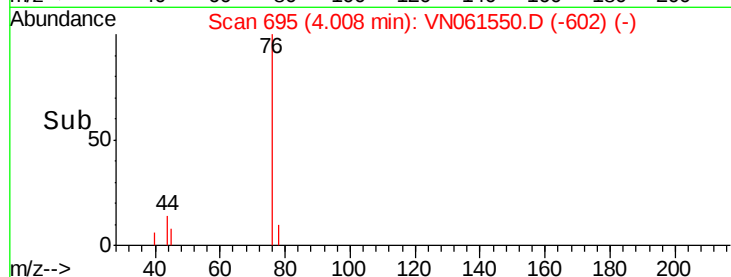
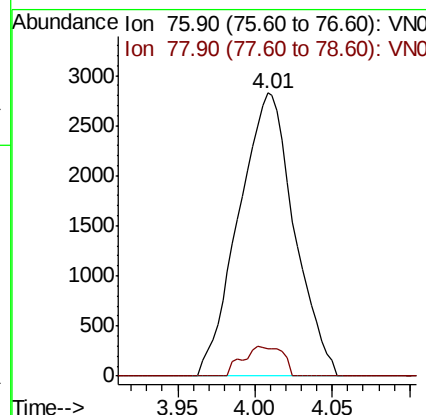
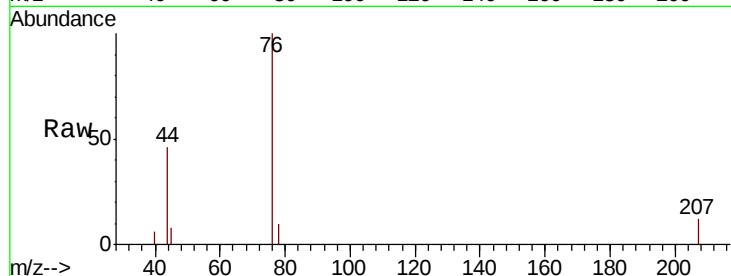




#17
Carbon Disulfide
Concen: 1.029 ug/l
RT: 4.01 min Scan# 695
Delta R.T. -0.00 min
Lab File: VN061550.D
Acq: 28 May 2020 23:36

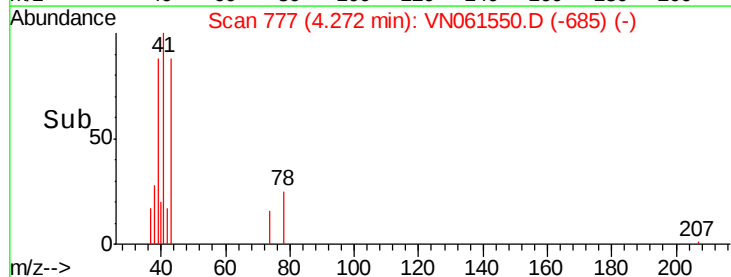
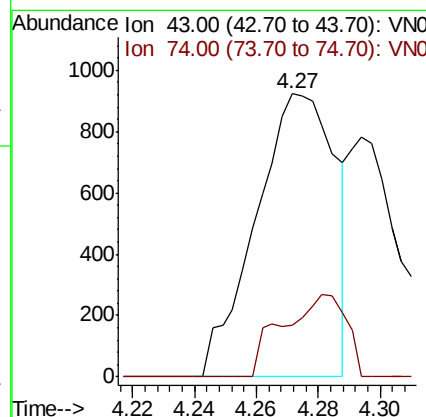
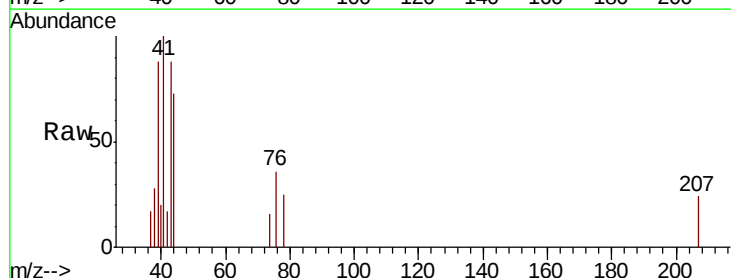
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

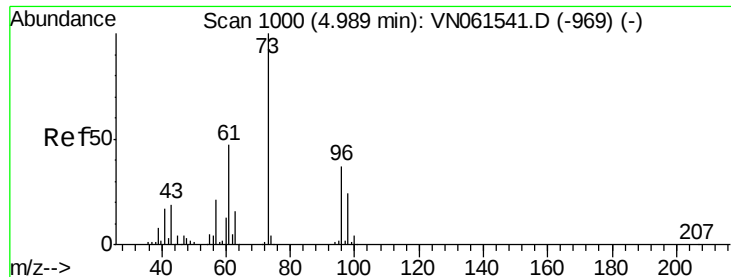
Tot Ion: 76 Resp: 7056
Ion Ratio Lower Upper
76 100
78 9.7 7.8 11.6



#18
Methyl Acetate
Concen: 0.499 ug/l
RT: 4.27 min Scan# 777
Delta R.T. -0.00 min
Lab File: VN061550.D
Acq: 28 May 2020 23:36

Tgt Ion: 43 Resp: 1641
Ion Ratio Lower Upper
43 100
74 23.3 23.2 34.8

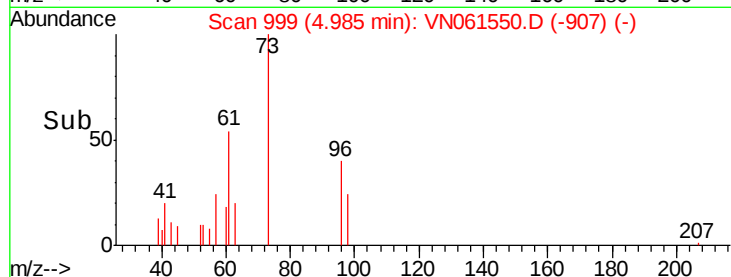
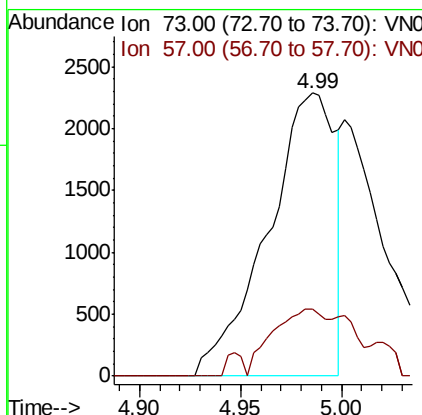
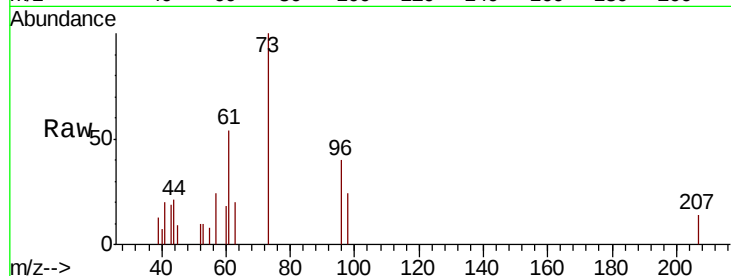




#19
Methyl tert-butyl Ether
Concen: 0.498 ug/l
RT: 4.99 min Scan# 999
Delta R.T. -0.00 min
Lab File: VN061550.D
Acq: 28 May 2020 23:36

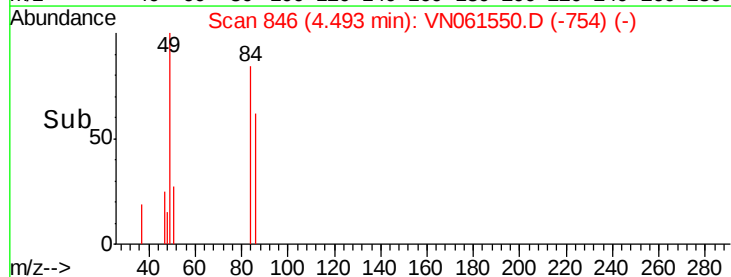
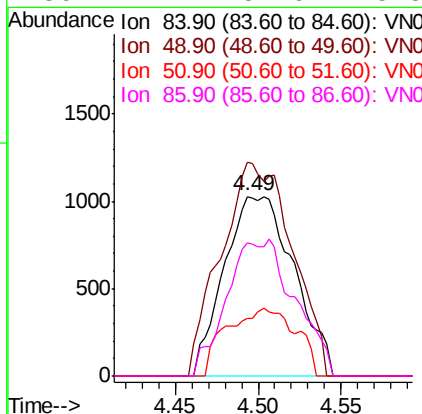
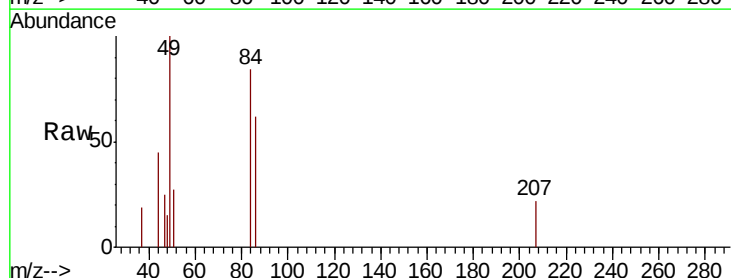
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

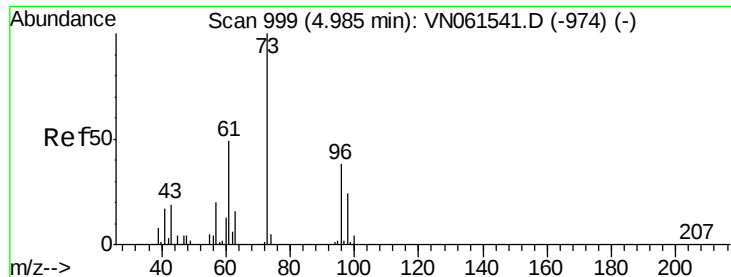
Tot Ion: 73 Resp: 5292
Ion Ratio Lower Upper
73 100
57 23.9 16.4 24.6



#20
Methylene Chloride
Concen: 0.675 ug/l
RT: 4.49 min Scan# 846
Delta R.T. -0.01 min
Lab File: VN061550.D
Acq: 28 May 2020 23:36

Tgt Ion: 84 Resp: 3008
Ion Ratio Lower Upper
84 100
49 119.0 85.8 128.8
51 32.1 26.2 39.2
86 74.1 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 0.382 ug/l

RT: 4.98 min Scan# 996

Delta R.T. -0.01 min

Lab File: VN061550.D

Acq: 28 May 2020 23:36

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

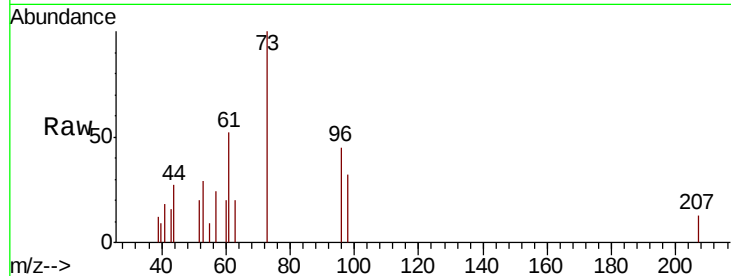
Tot Ion: 96 Resp: 1344

Ion Ratio Lower Upper

96 100

61 113.7 101.4 152.0

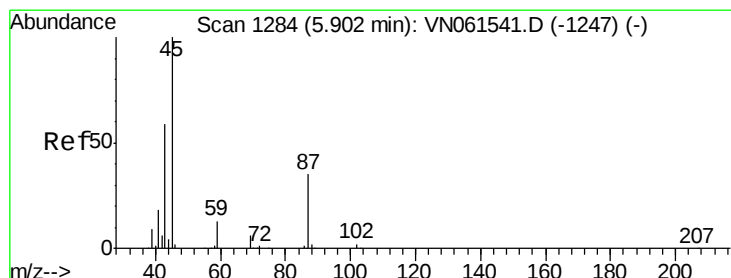
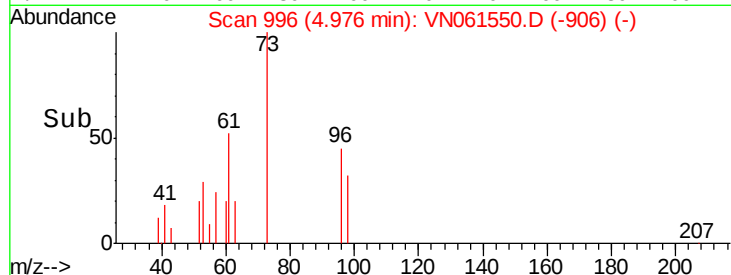
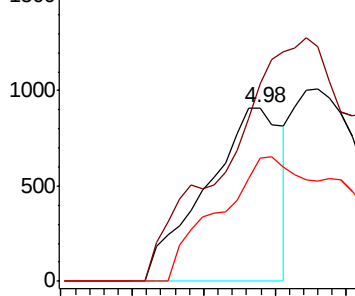
98 71.2 50.6 76.0



Abundance Ion 95.90 (95.60 to 96.60): VN061550.D (-906) (-)

Ion 60.90 (60.60 to 61.60): VN061550.D (-906) (-)

Ion 97.90 (97.60 to 98.60): VN061550.D (-906) (-)



#22

Diisopropyl ether

Concen: 0.780 ug/l

RT: 5.90 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VN061550.D

Acq: 28 May 2020 23:36

Tgt Ion: 45 Resp: 7004

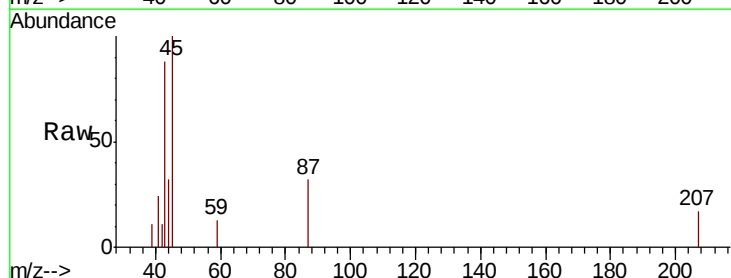
Ion Ratio Lower Upper

45 100

43 77.7 47.9 71.9#

87 32.1 28.4 42.6

59 12.8 10.5 15.7

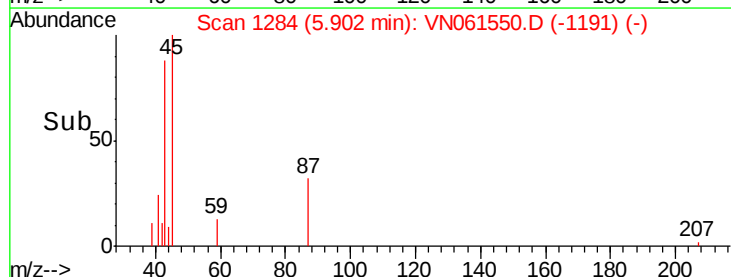
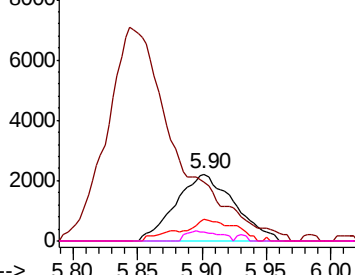


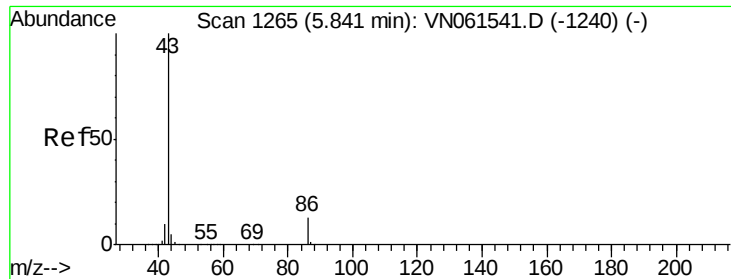
Abundance Ion 45.00 (44.70 to 45.70): VN061550.D (-1191) (-)

Ion 43.00 (42.70 to 43.70): VN061550.D (-1191) (-)

Ion 87.00 (86.70 to 87.70): VN061550.D (-1191) (-)

Ion 59.00 (58.70 to 59.70): VN061550.D (-1191) (-)

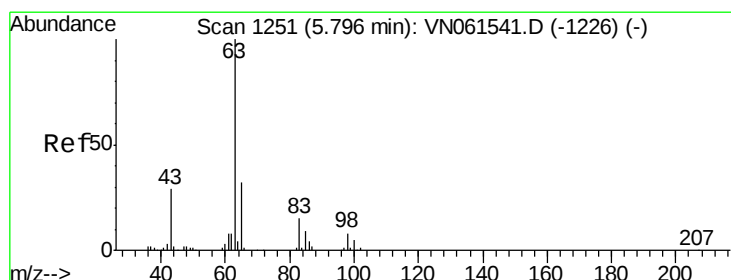
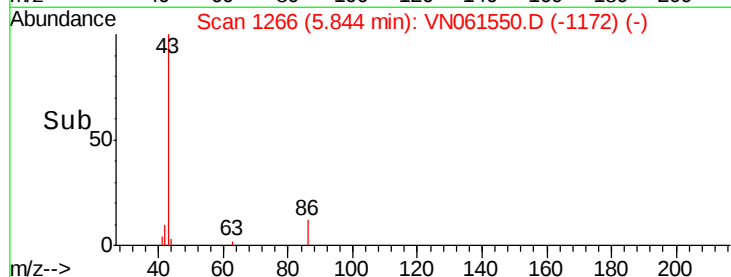
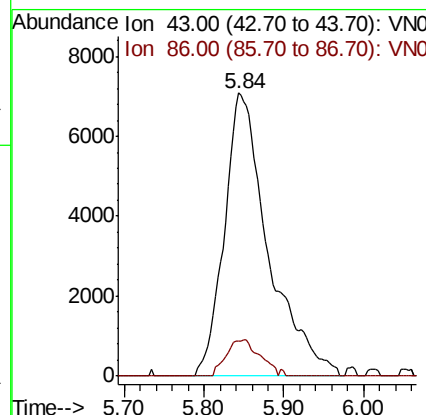
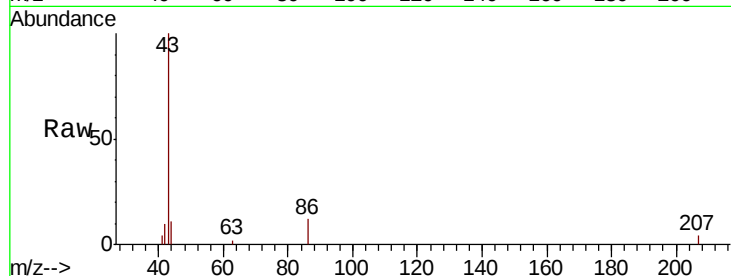




#23
 Vinyl Acetate
 Concen: 3.725 ug/l
 RT: 5.84 min Scan# 1266
 Delta R.T. 0.00 min
 Lab File: VN061550.D
 Acq: 28 May 2020 23:36

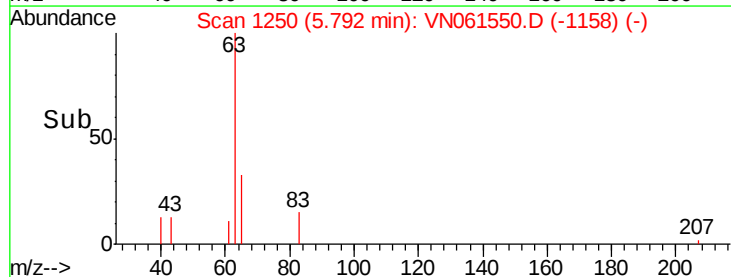
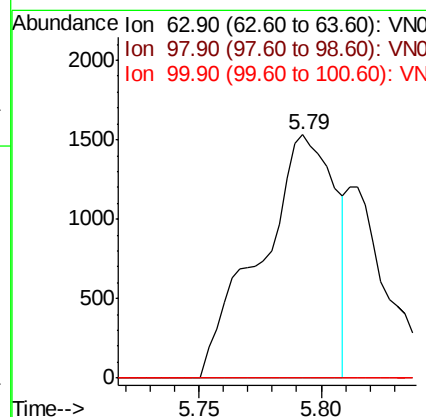
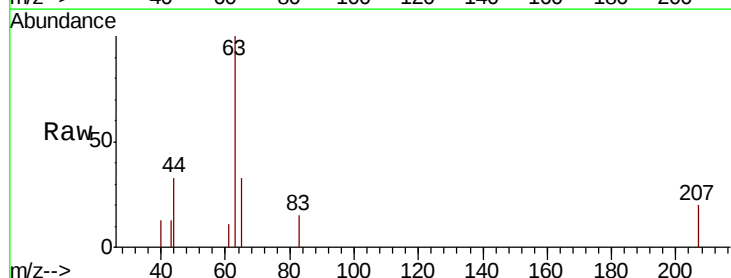
Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2020

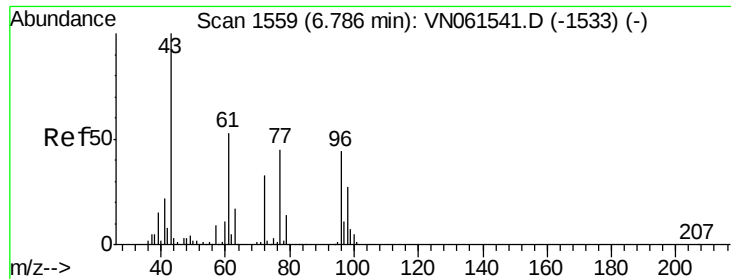
Tot Ion: 43 Resp: 26669
 Ion Ratio Lower Upper
 43 100
 86 12.4 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 0.577 ug/l
 RT: 5.79 min Scan# 1250
 Delta R.T. -0.00 min
 Lab File: VN061550.D
 Acq: 28 May 2020 23:36

Tgt Ion: 63 Resp: 3286
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.8 11.4#
 100 0.0 2.5 7.6#

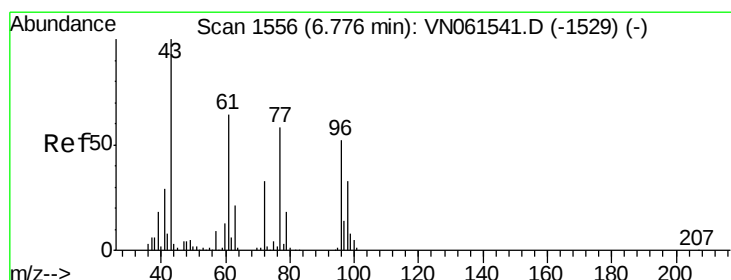
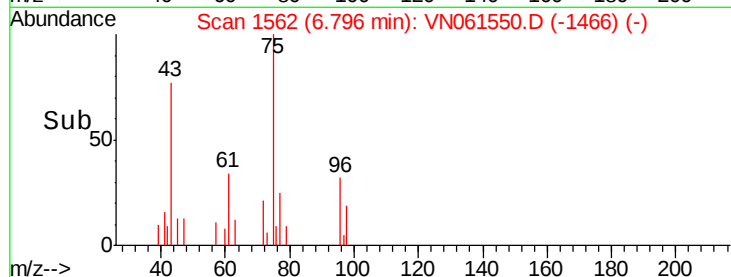
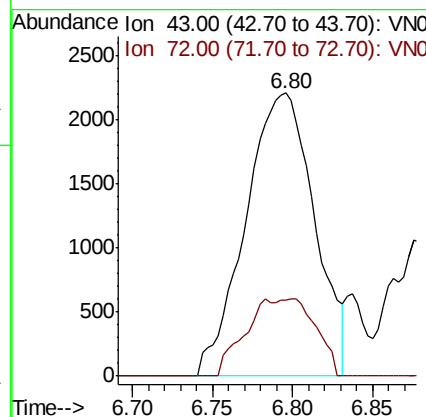
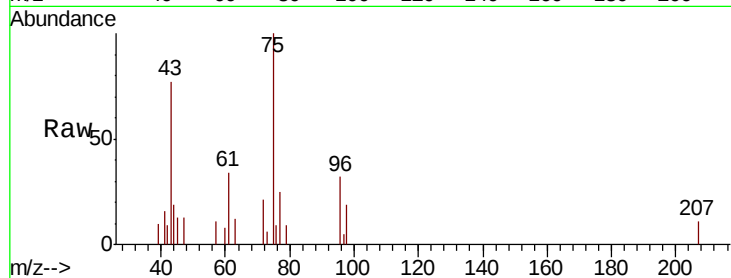




#25
 2-Butanone
 Concen: 3.796 ug/l
 RT: 6.80 min Scan# 1562
 Delta R.T. 0.01 min
 Lab File: VN061550.D
 Acq: 28 May 2020 23:36

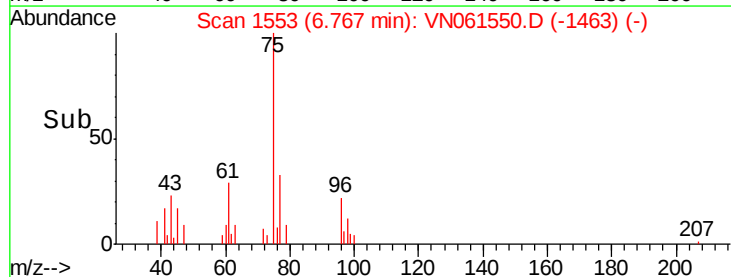
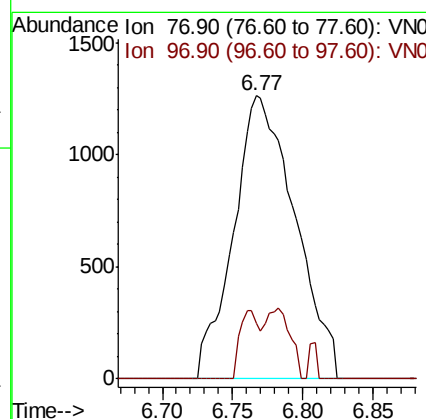
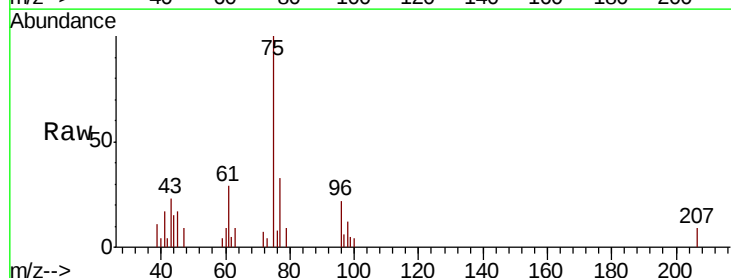
Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2020

Tot Ion: 43 Resp: 6538
 Ion Ratio Lower Upper
 43 100
 72 26.9 26.0 39.0



#26
 2,2-Dichloropropane
 Concen: 0.738 ug/l
 RT: 6.77 min Scan# 1553
 Delta R.T. -0.01 min
 Lab File: VN061550.D
 Acq: 28 May 2020 23:36

Tgt Ion: 77 Resp: 3848
 Ion Ratio Lower Upper
 77 100
 97 7.6 12.0 36.0#





#27

cis-1,2-Dichloroethene

Concen: 0.459 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. -0.00 min

Lab File: VN061550.D

Acq: 28 May 2020 23:36

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

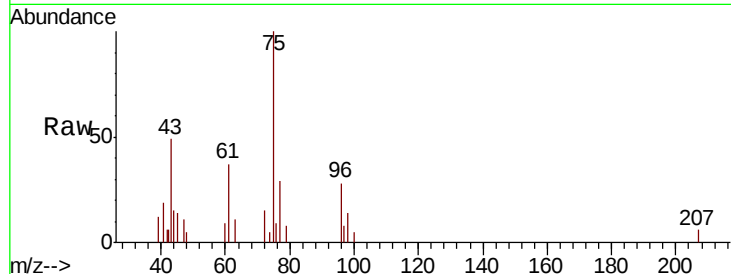
Tot Ion: 96 Resp: 1827

Ion Ratio Lower Upper

96 100

61 237.7 0.0 252.2

98 26.9 0.0 129.2

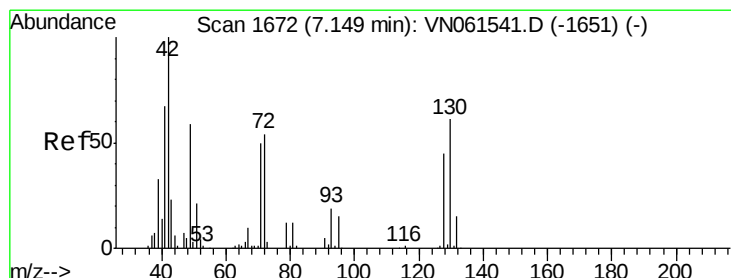
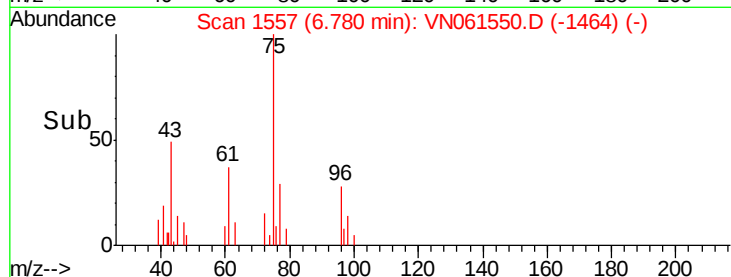
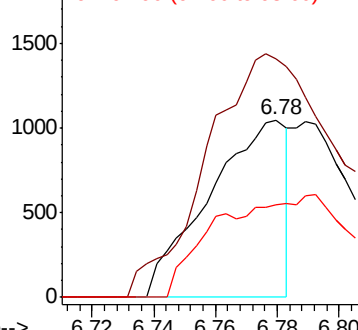


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 0.317 ug/l

RT: 7.15 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VN061550.D

Acq: 28 May 2020 23:36

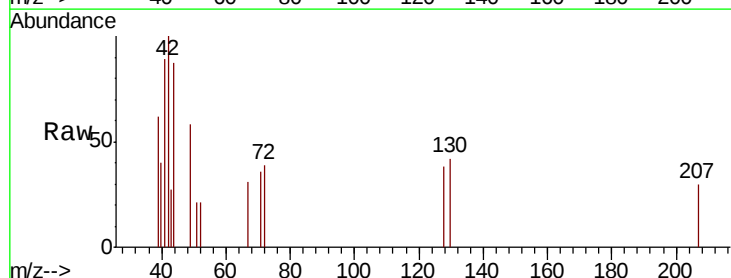
Tgt Ion: 49 Resp: 779

Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.8

130 79.5 78.8 118.2

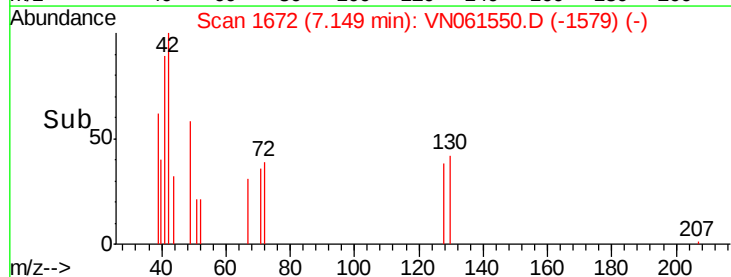
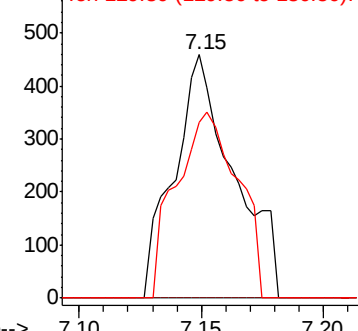


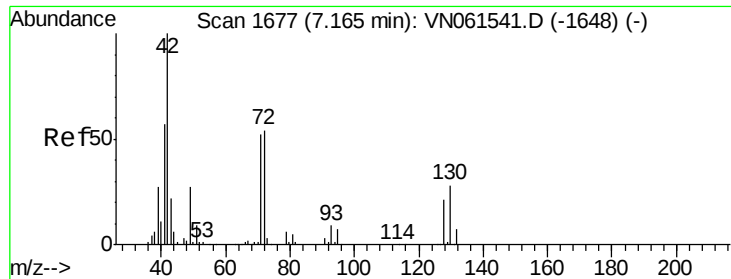
Abundance

Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

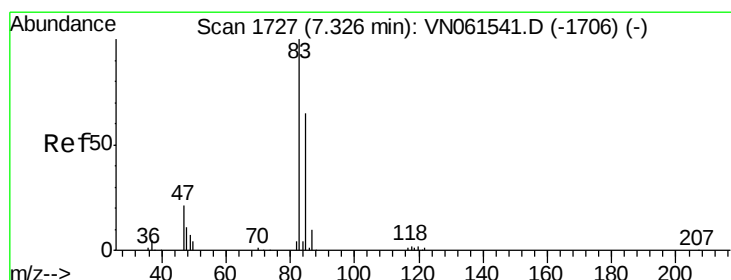
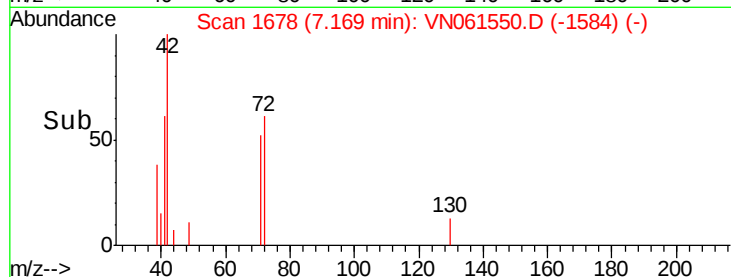
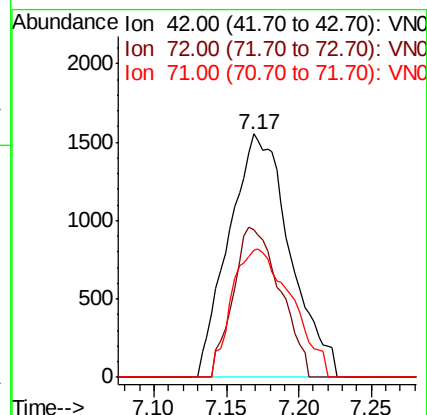
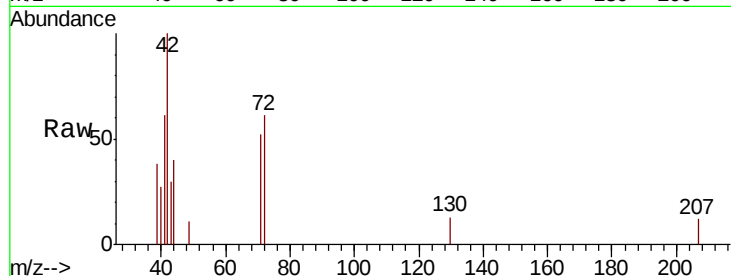




#29
Tetrahydrofuran
Concen: 4.001 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. 0.00 min
Lab File: VN061550.D
Acq: 28 May 2020 23:36

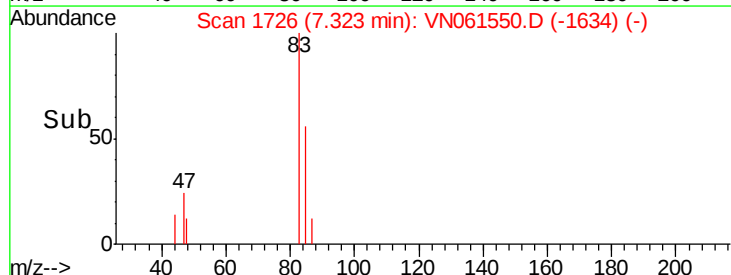
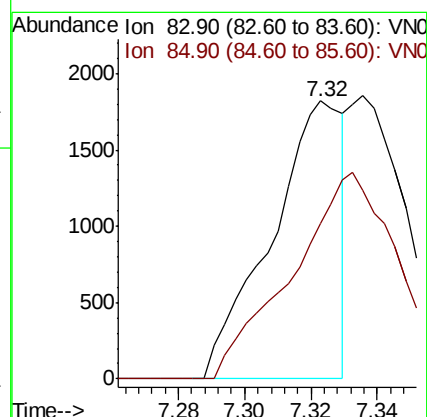
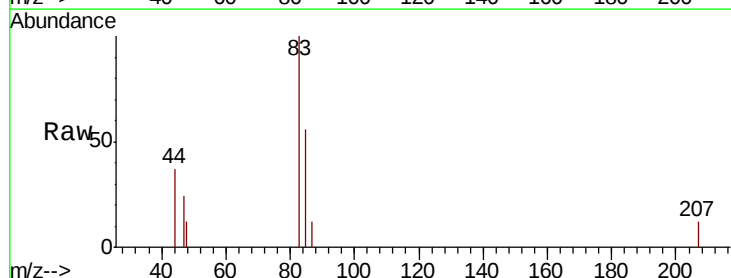
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

Tot Ion: 42 Resp: 4545
Ion Ratio Lower Upper
42 100
72 47.5 43.6 65.4
71 51.2 41.2 61.8



#30
Chloroform
Concen: 0.434 ug/l
RT: 7.32 min Scan# 1726
Delta R.T. -0.00 min
Lab File: VN061550.D
Acq: 28 May 2020 23:36

Tgt Ion: 83 Resp: 2732
Ion Ratio Lower Upper
83 100
85 55.8 51.7 77.5





#31

Cyclohexane

Concen: 1.771 ug/l

RT: 7.62 min Scan# 1818

Delta R.T. 0.01 min

Lab File: VN061550.D

Acq: 28 May 2020 23:36

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

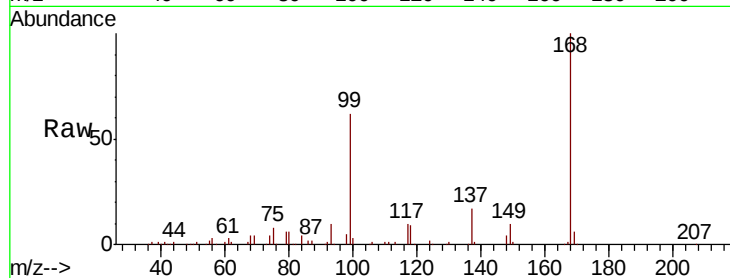
Tot Ion: 56 Resp: 9073

Ion Ratio Lower Upper

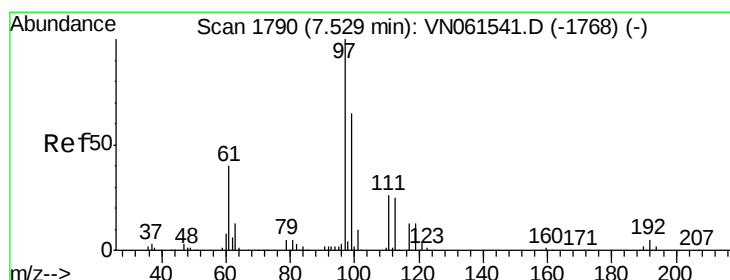
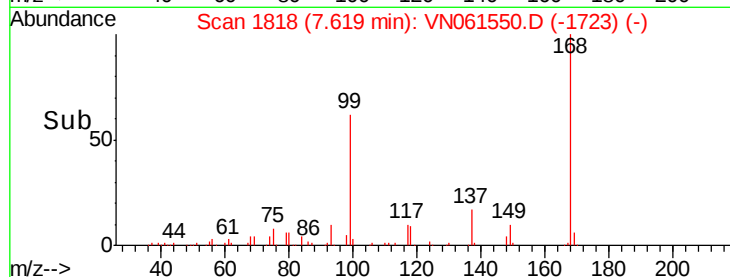
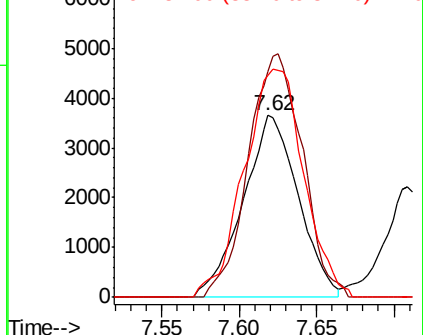
56 100

69 124.2 27.8 41.8#

84 122.3 79.9 119.9#



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: 0.448 ug/l

RT: 7.52 min Scan# 1788

Delta R.T. -0.01 min

Lab File: VN061550.D

Acq: 28 May 2020 23:36

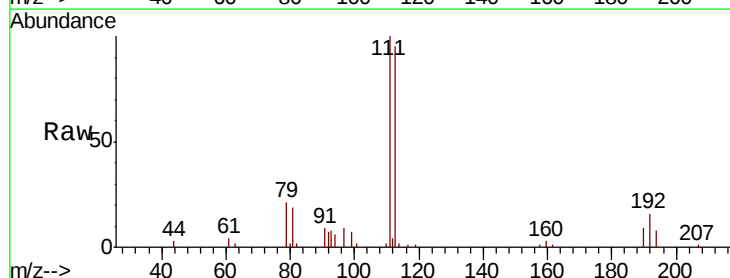
Tgt Ion: 97 Resp: 2575

Ion Ratio Lower Upper

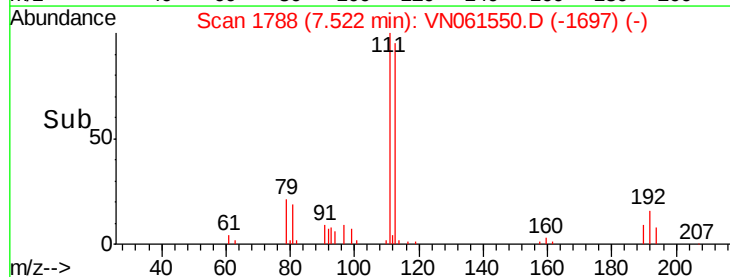
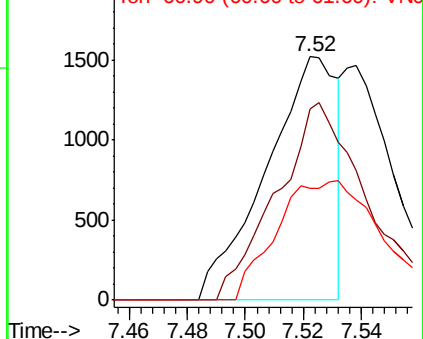
97 100

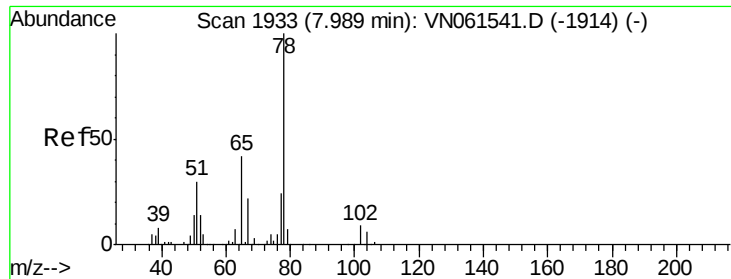
99 0.0 51.4 77.0#

61 70.8 31.4 47.0#



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: 52.686 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. -0.00 min

Lab File: VN061550.D

Acq: 28 May 2020 23:36

Instrument :

MSVOA_N

ClientSampleId :

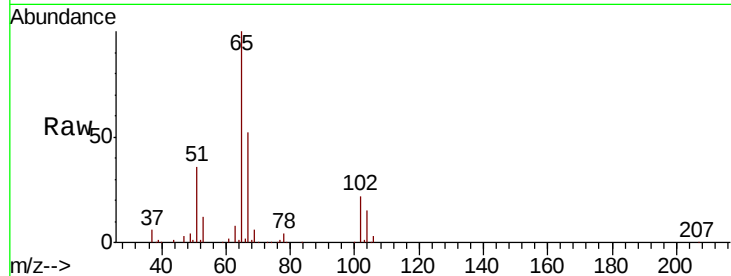
LOD-MDL-WATER-01-QT2-2020

Tot Ion: 65 Resp: 191485

Ion Ratio Lower Upper

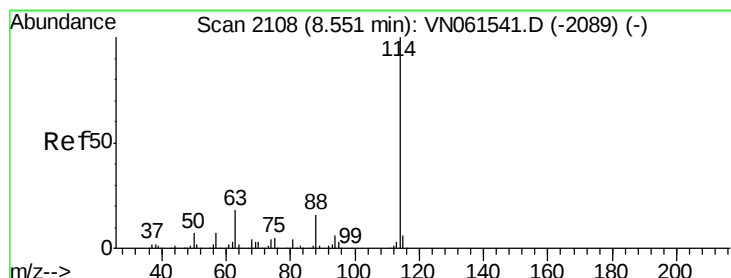
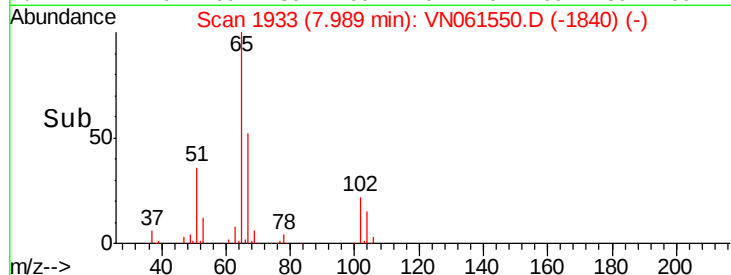
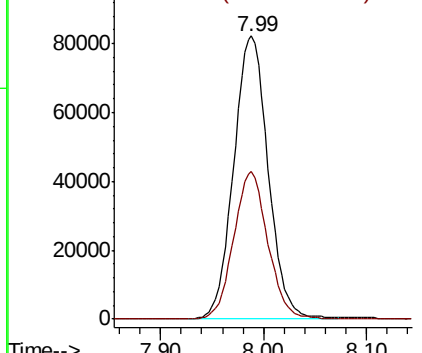
65 100

67 51.5 0.0 104.8



Abundance Ion 64.90 (64.60 to 65.60): VN061541.D (-1914) (-)

Ion 66.90 (66.60 to 67.60): VN061541.D (-1914) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. -0.00 min

Lab File: VN061550.D

Acq: 28 May 2020 23:36

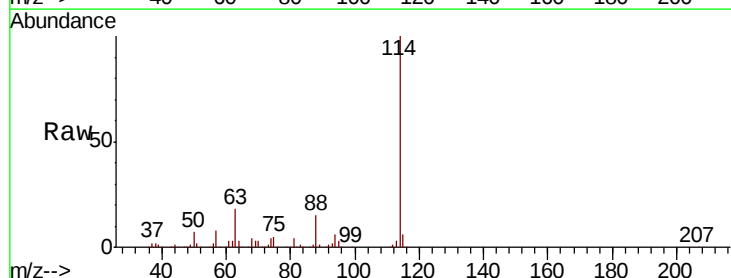
Tgt Ion: 114 Resp: 554648

Ion Ratio Lower Upper

114 100

63 18.1 0.0 35.8

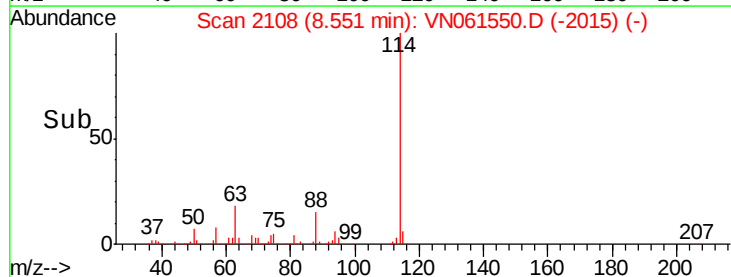
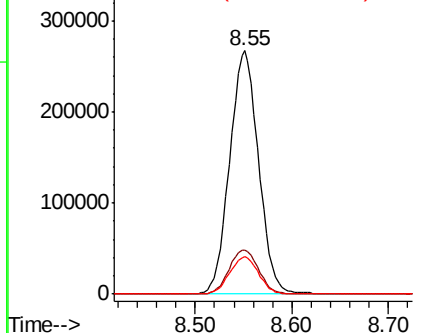
88 15.3 0.0 31.0



Abundance Ion 113.90 (113.60 to 114.60): VN061541.D (-2089) (-)

Ion 63.00 (62.70 to 63.70): VN061541.D (-2089) (-)

Ion 87.90 (87.60 to 88.60): VN061541.D (-2089) (-)

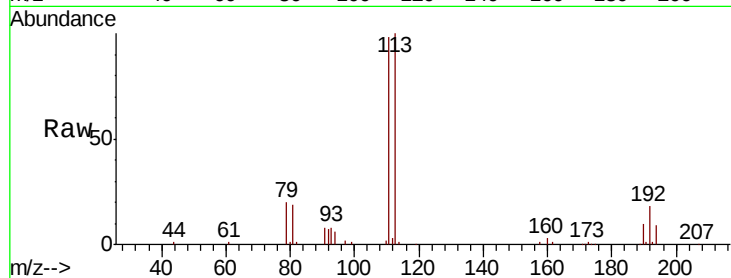




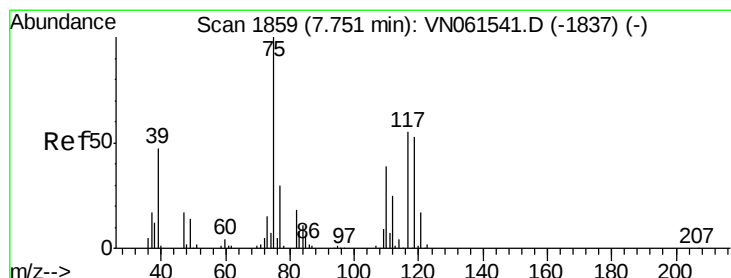
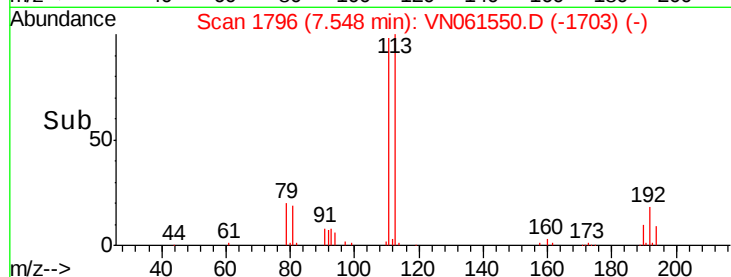
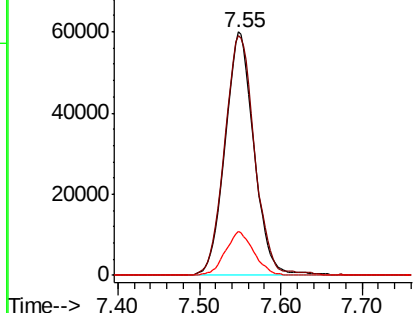
#35
 Dibromofluoromethane
 Concen: 52.905 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN061550.D
 Acq: 28 May 2020 23:36

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

Tot Ion:113 Resp: 148854
 Ion Ratio Lower Upper
 113 100
 111 102.5 83.4 125.0
 192 17.7 15.4 23.2

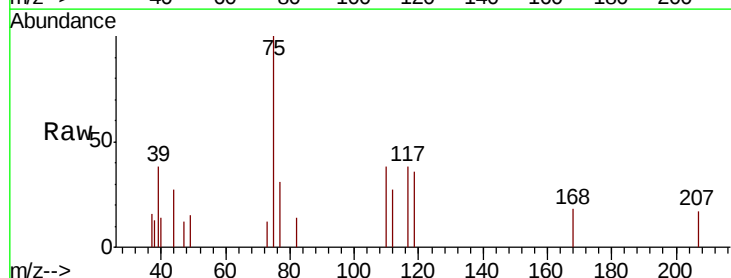


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

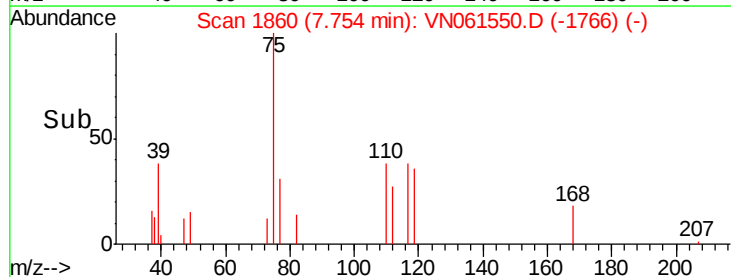
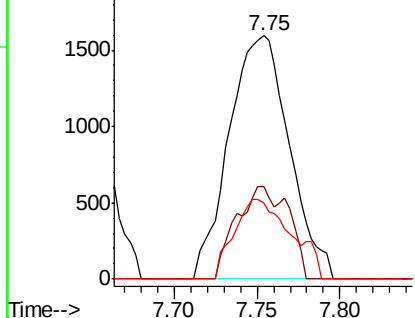


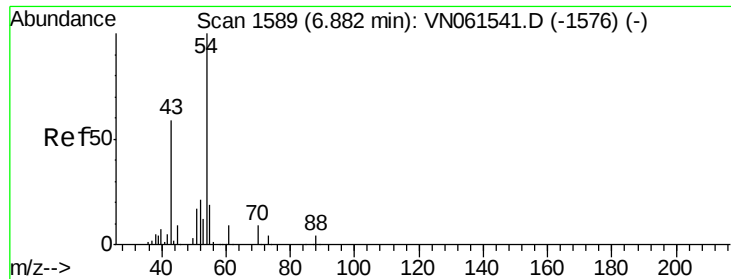
#36
 1,1-Dichloropropene
 Concen: 0.820 ug/l
 RT: 7.75 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: VN061550.D
 Acq: 28 May 2020 23:36

Tgt Ion: 75 Resp: 4026
 Ion Ratio Lower Upper
 75 100
 110 23.0 19.5 58.5
 77 30.9 24.7 37.1



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

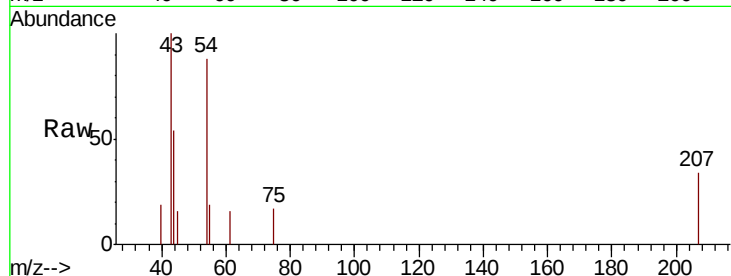




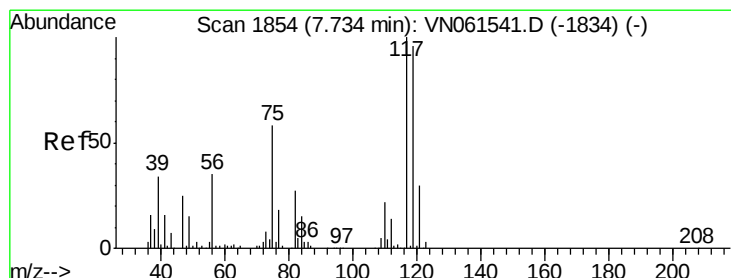
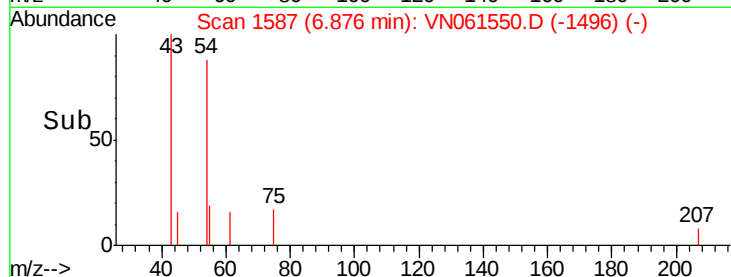
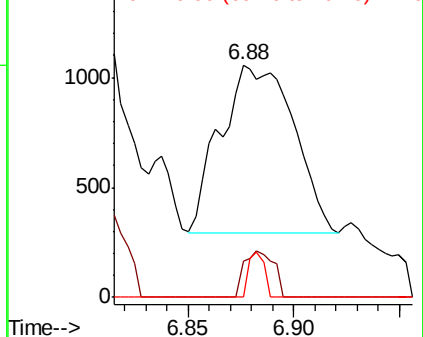
#37
Ethyl Acetate
Concen: 0.463 ug/l
RT: 6.88 min Scan# 1587
Delta R.T. -0.01 min
Lab File: VN061550.D
Acq: 28 May 2020 23:36

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

Tot Ion: 43 Resp: 1833
Ion Ratio Lower Upper
43 100
61 11.2 12.2 18.4#
70 5.7 9.4 14.2#

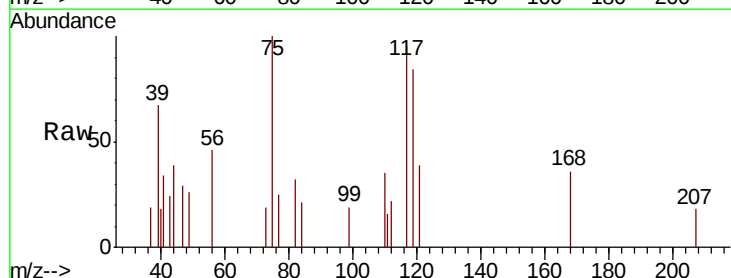


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

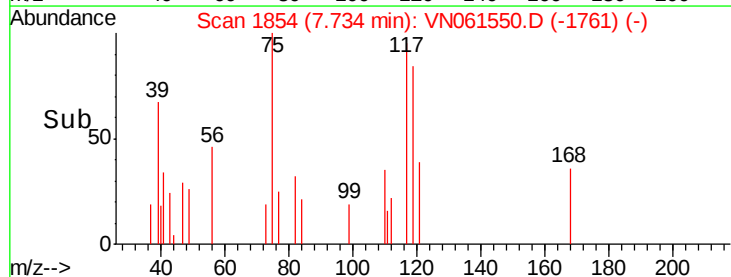
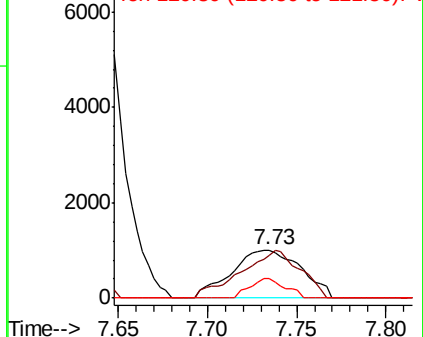


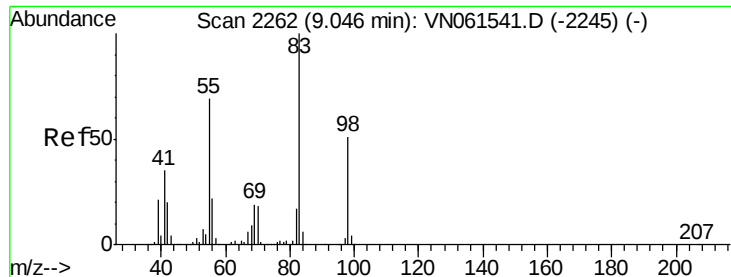
#38
Carbon Tetrachloride
Concen: 0.573 ug/l
RT: 7.73 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VN061550.D
Acq: 28 May 2020 23:36

Tgt Ion: 117 Resp: 2714
Ion Ratio Lower Upper
117 100
119 88.3 76.5 114.7
121 40.8 24.1 36.1#



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

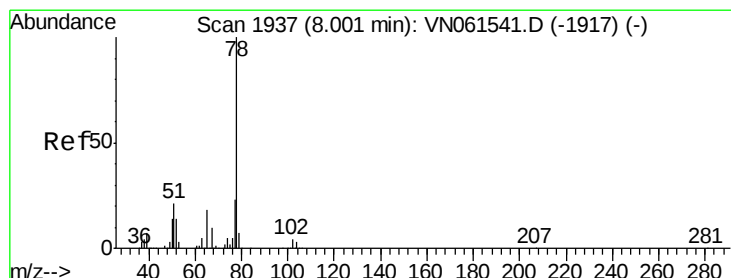
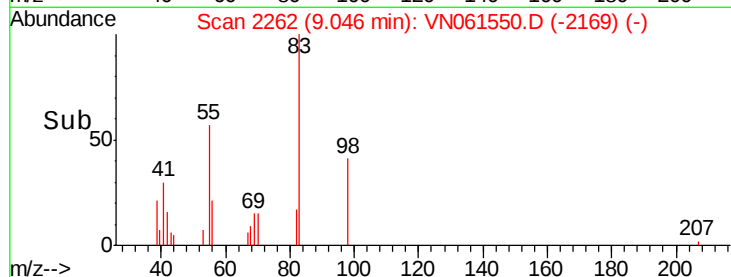
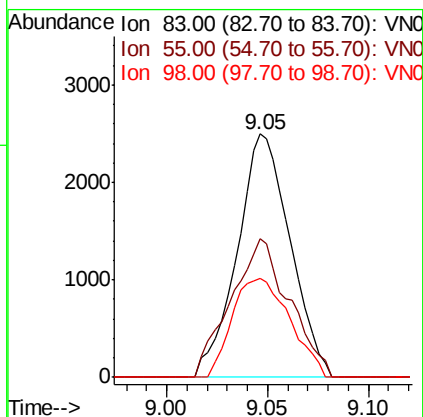
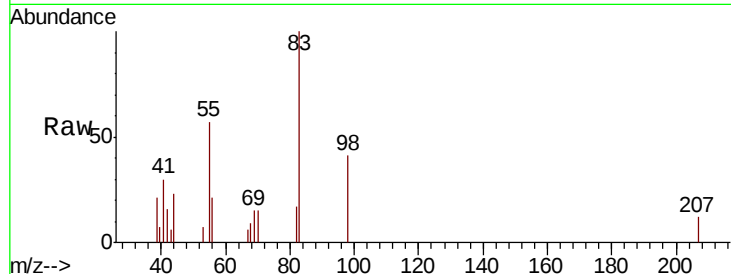




#39
Methvlcvclohexane
Concen: 0.756 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN061550.D
Acq: 28 May 2020 23:36

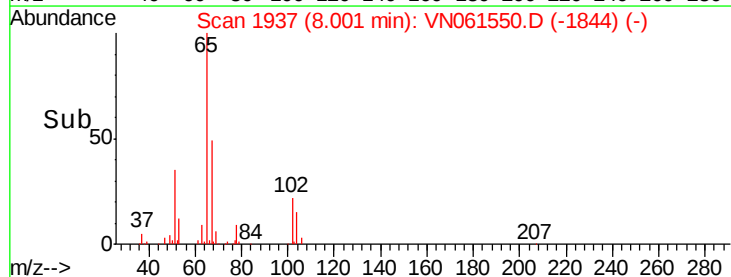
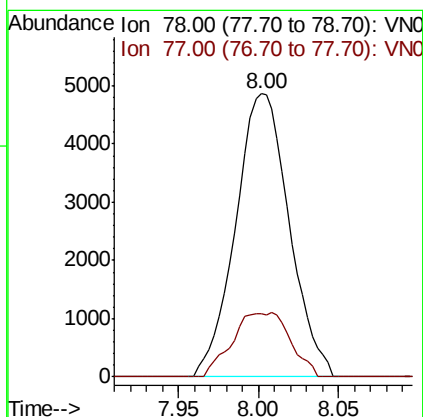
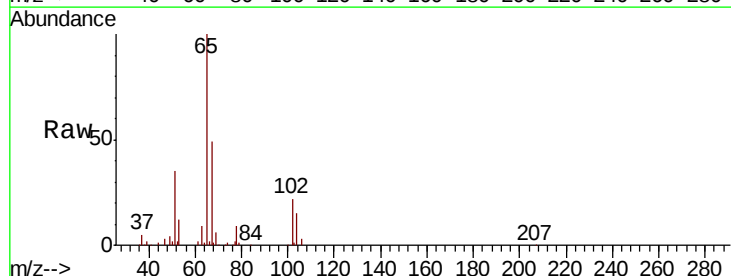
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

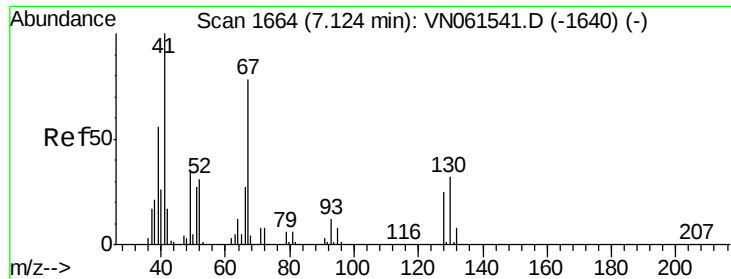
Tot Ion: 83 Resp: 4576
Ion Ratio Lower Upper
83 100
55 56.7 54.9 82.3
98 40.8 41.0 61.4#



#40
Benzene
Concen: 0.738 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN061550.D
Acq: 28 May 2020 23:36

Tgt Ion: 78 Resp: 11178
Ion Ratio Lower Upper
78 100
77 22.3 18.6 28.0

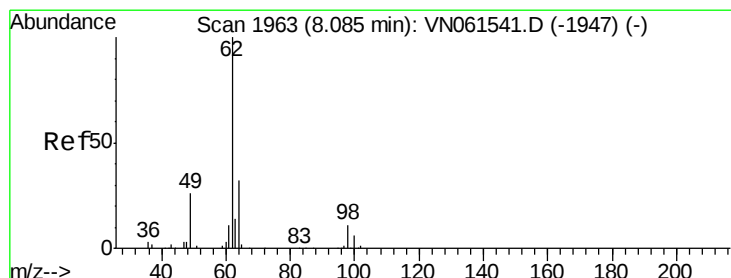
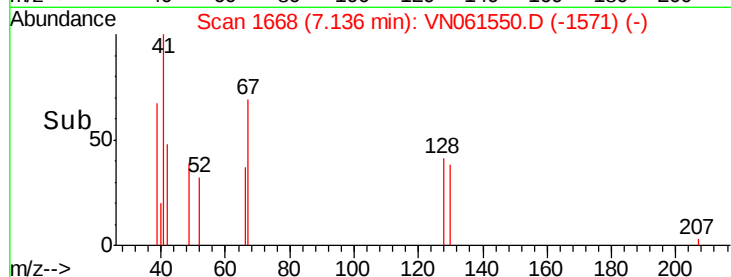
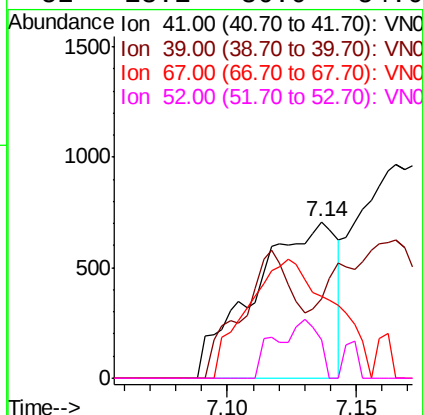
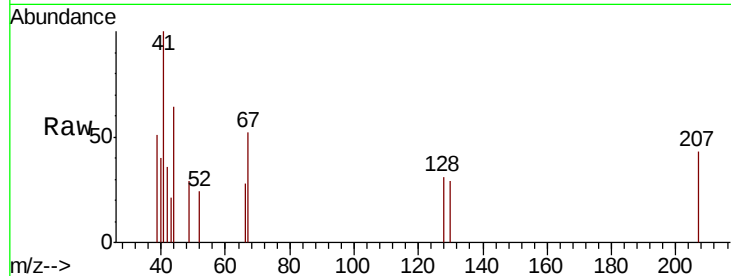




#41
Methacrylonitrile
Concen: 0.862 ug/l
RT: 7.14 min Scan# 1668
Delta R.T. 0.01 min
Lab File: VN061550.D
Acq: 28 May 2020 23:36

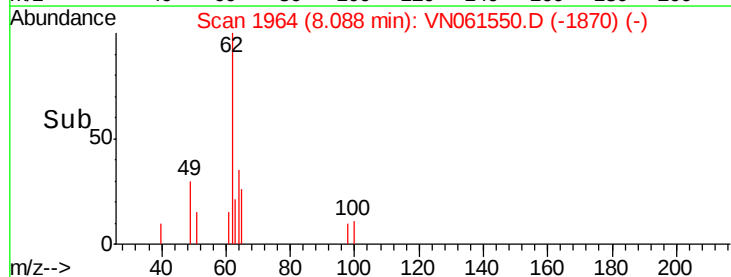
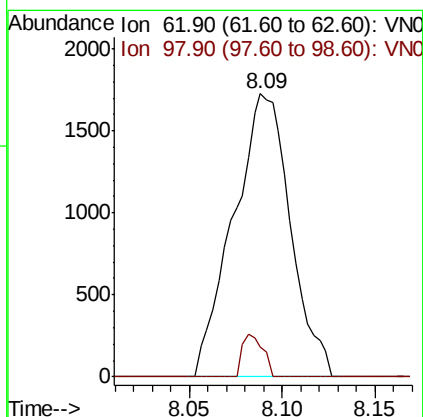
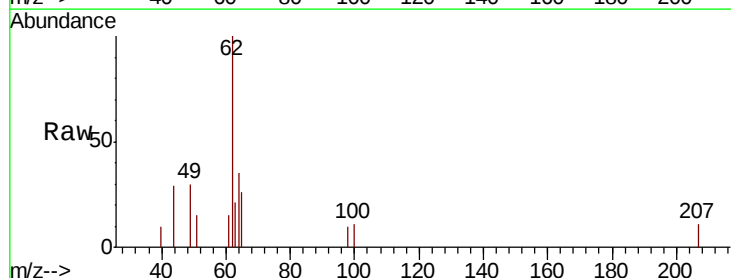
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

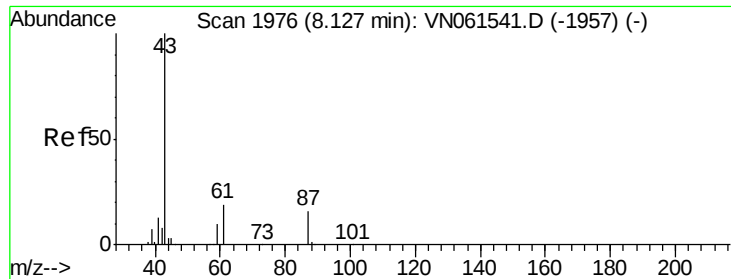
Tot Ion: 41 Resp: 1561
Ion Ratio Lower Upper
41 100
39 0.0 53.8 80.6#
67 79.2 91.1 136.7#
52 13.1 36.0 54.0#



#42
1,2-Dichloroethane
Concen: 0.731 ug/l
RT: 8.09 min Scan# 1964
Delta R.T. 0.00 min
Lab File: VN061550.D
Acq: 28 May 2020 23:36

Tgt Ion: 62 Resp: 3706
Ion Ratio Lower Upper
62 100
98 5.3 0.0 21.4

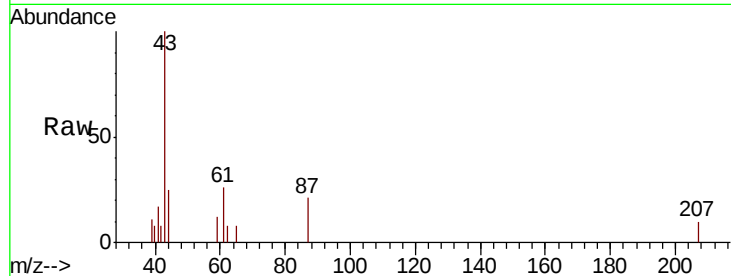




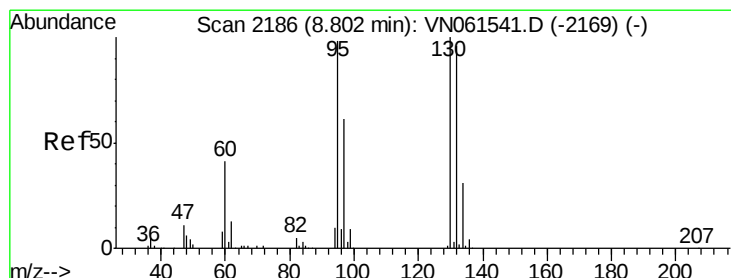
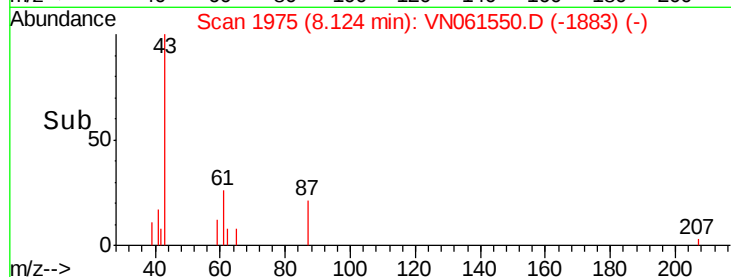
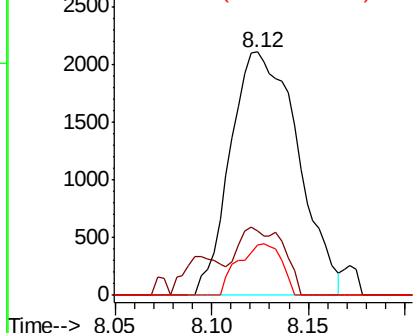
#43
Isopropyl Acetate
Concen: 0.716 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN061550.D
Acq: 28 May 2020 23:36

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

Tot Ion: 43 Resp: 5097
Ion Ratio Lower Upper
43 100
61 19.0 23.6 35.4#
87 13.5 13.0 19.6

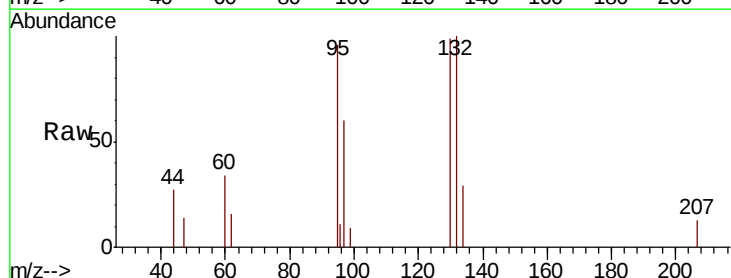


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 61.00 (60.70 to 61.70): VN0
Ion 87.00 (86.70 to 87.70): VN0

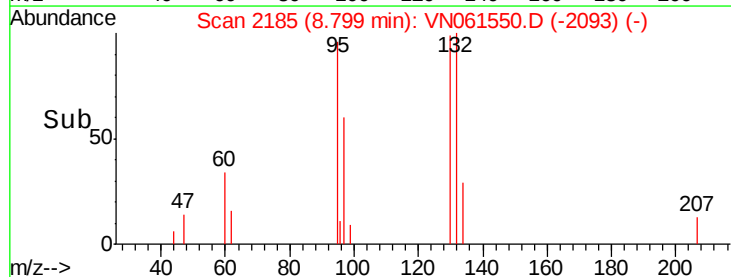
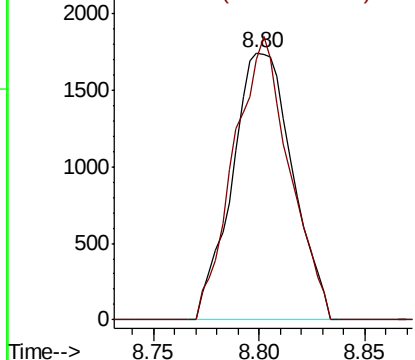


#44
Trichloroethene
Concen: 0.747 ug/l
RT: 8.80 min Scan# 2185
Delta R.T. -0.00 min
Lab File: VN061550.D
Acq: 28 May 2020 23:36

Tgt Ion: 130 Resp: 3479
Ion Ratio Lower Upper
130 100
95 97.4 0.0 196.6



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VN0





#45

1,2-Dichloropropane

Concen: 0.756 ug/l

RT: 9.08 min Scan# 2273

Delta R.T. -0.00 min

Lab File: VN061550.D

Acq: 28 May 2020 23:36

Instrument :

MSVOA_N

ClientSampleId :

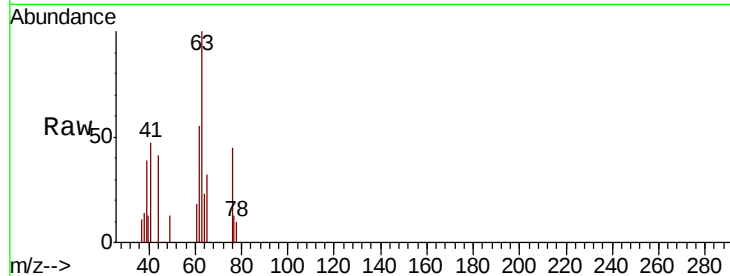
LOD-MDL-WATER-01-QT2-2020

Tot Ion: 63 Resp: 2718

Ion Ratio Lower Upper

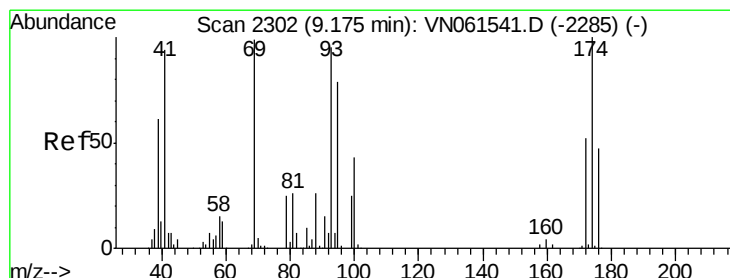
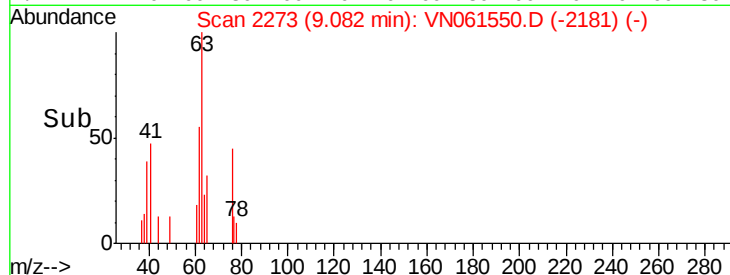
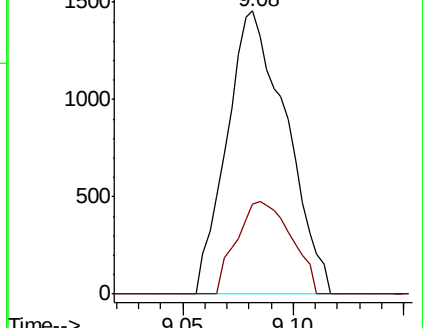
63 100

65 32.0 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VN061541.D (-2250) (-)

Ion 64.90 (64.60 to 65.60): VN061541.D (-2250) (-)



#46

Dibromomethane

Concen: 0.676 ug/l

RT: 9.17 min Scan# 2302

Delta R.T. -0.00 min

Lab File: VN061550.D

Acq: 28 May 2020 23:36

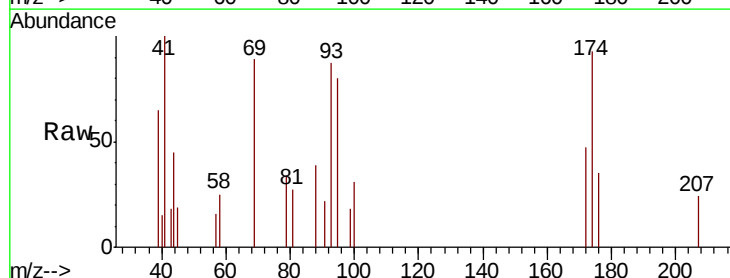
Tgt Ion: 93 Resp: 1864

Ion Ratio Lower Upper

93 100

95 86.6 66.0 99.0

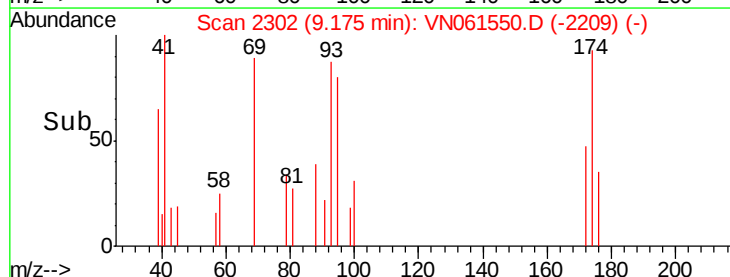
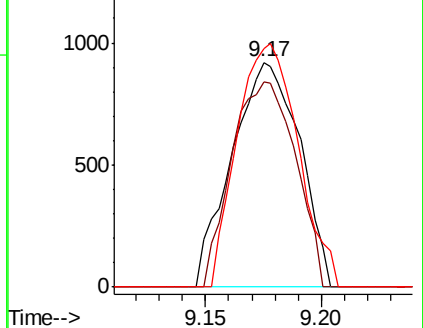
174 97.9 82.5 123.7



Abundance Ion 92.80 (92.50 to 93.50): VN061541.D (-2285) (-)

Ion 94.80 (94.50 to 95.50): VN061541.D (-2285) (-)

Ion 173.70 (173.40 to 174.40): VN061541.D (-2285) (-)





#47

Bromodichloromethane

Concen: 0.664 ug/l

RT: 9.37 min Scan# 2362

Delta R.T. -0.00 min

Lab File: VN061550.D

Acq: 28 May 2020 23:36

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

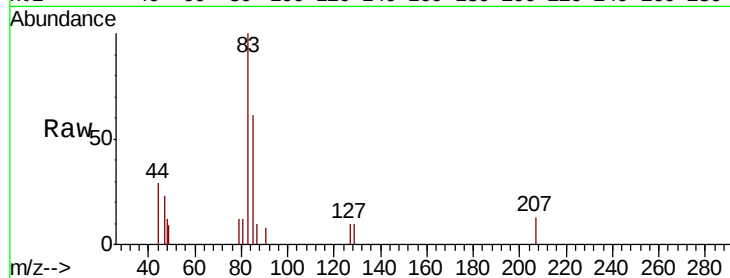
Tot Ion: 83 Resp: 3631

Ion Ratio Lower Upper

83 100

85 61.5 51.1 76.7

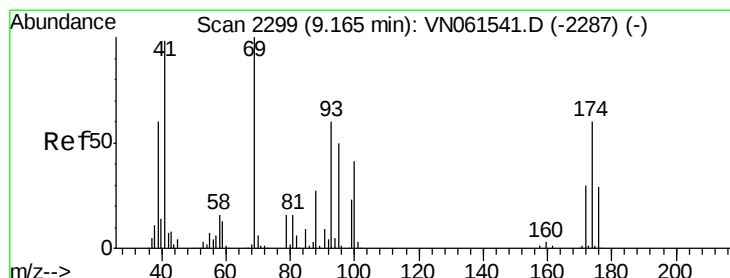
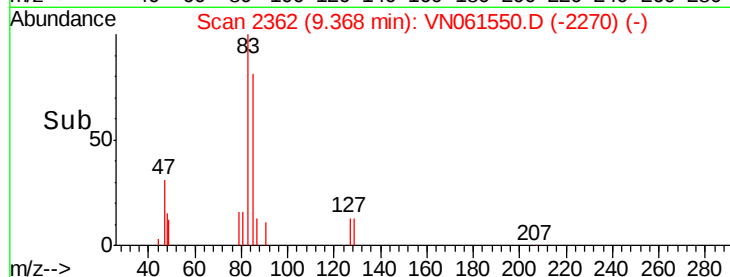
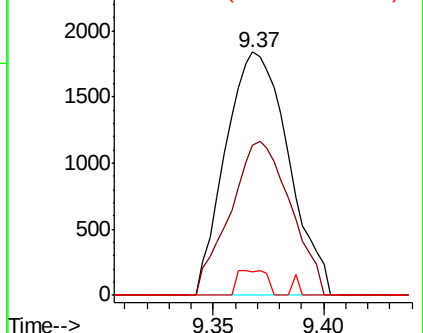
127 9.8 7.2 10.8



Abundance Ion 82.90 (82.60 to 83.60): VN061550.D (-2270) (-)

Ion 84.90 (84.60 to 85.60): VN061550.D (-2270) (-)

Ion 126.80 (126.50 to 127.50): VN061550.D (-2270) (-)



#48

Methyl methacrylate

Concen: 0.661 ug/l

RT: 9.17 min Scan# 2301

Delta R.T. 0.01 min

Lab File: VN061550.D

Acq: 28 May 2020 23:36

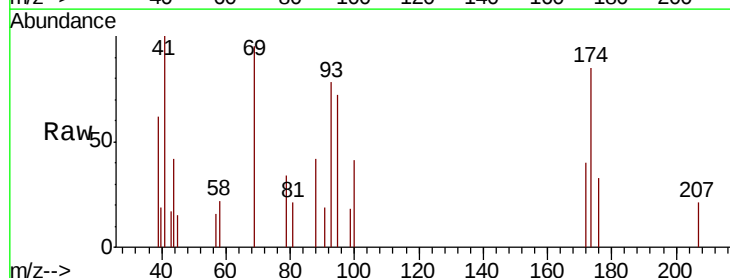
Tgt Ion: 41 Resp: 2115

Ion Ratio Lower Upper

41 100

69 95.4 83.9 125.9

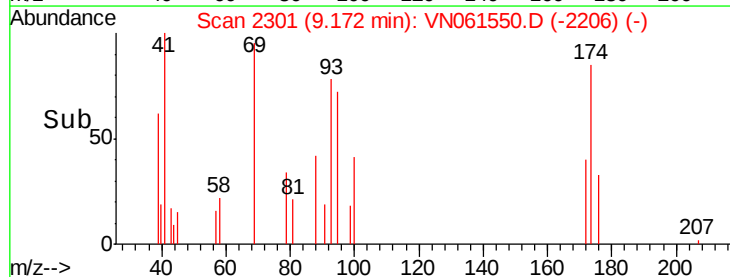
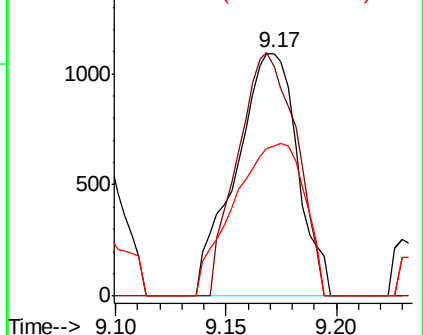
39 72.4 52.1 78.1



Abundance Ion 41.00 (40.70 to 41.70): VN061550.D (-2206) (-)

Ion 69.00 (68.70 to 69.70): VN061550.D (-2206) (-)

Ion 39.00 (38.70 to 39.70): VN061550.D (-2206) (-)

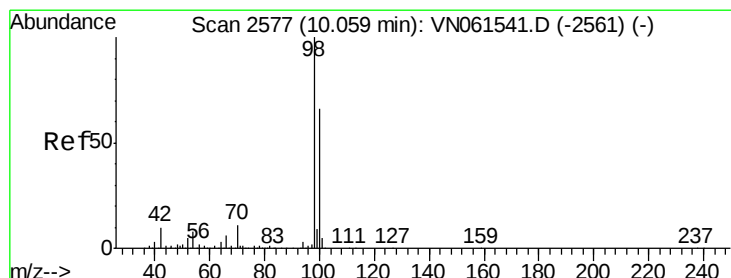
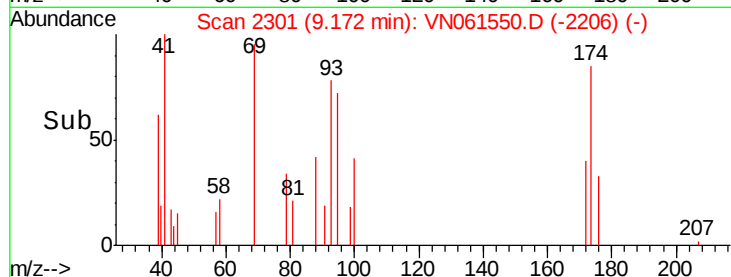
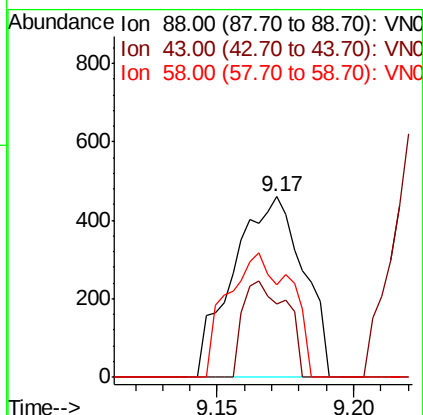
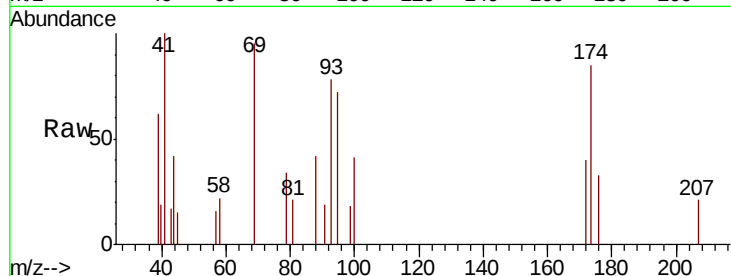




#49
 1,4-Dioxane
 Concen: 16.535 ug/l
 RT: 9.17 min Scan# 2301
 Delta R.T. 0.01 min
 Lab File: VN061550.D
 Acq: 28 May 2020 23:36

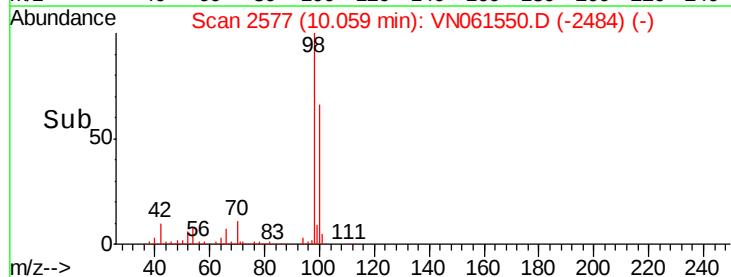
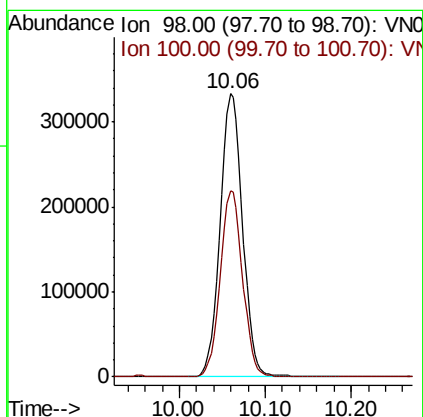
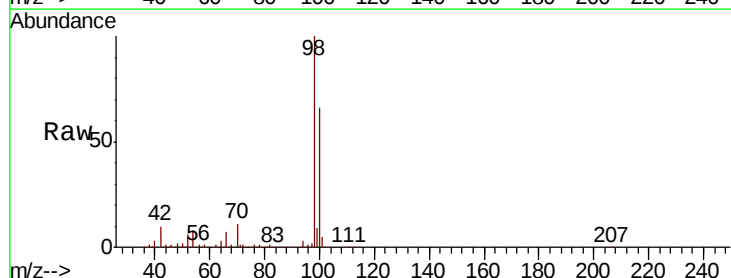
Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2020

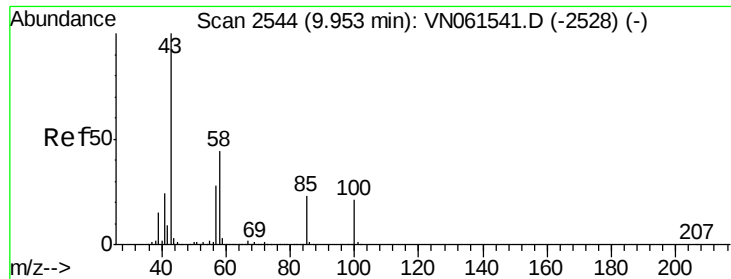
Tot Ion: 88 Resp: 820
 Ion Ratio Lower Upper
 88 100
 43 32.9 23.1 34.7
 58 62.2 48.3 72.5



#50
 Toluene-d8
 Concen: 46.363 ug/l
 RT: 10.06 min Scan# 2577
 Delta R.T. 0.00 min
 Lab File: VN061550.D
 Acq: 28 May 2020 23:36

Tgt Ion: 98 Resp: 604516
 Ion Ratio Lower Upper
 98 100
 100 65.5 52.8 79.2





#51

4-Methyl-2-Pentanone

Concen: 3.362 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. -0.00 min

Lab File: VN061550.D

Acq: 28 May 2020 23:36

Instrument :

MSVOA_N

ClientSampleId :

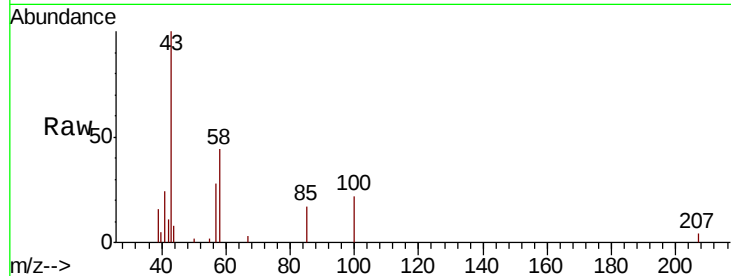
LOD-MDL-WATER-01-QT2-2020

Tot Ion: 43 Resp: 13479

Ion Ratio Lower Upper

43 100

58 40.5 35.0 52.6



Abundance Ion 43.00 (42.70 to 43.70): VN061541.D (-2528) (-)

Ion 58.00 (57.70 to 58.70): VN061541.D (-2528) (-)

9.95

8000

6000

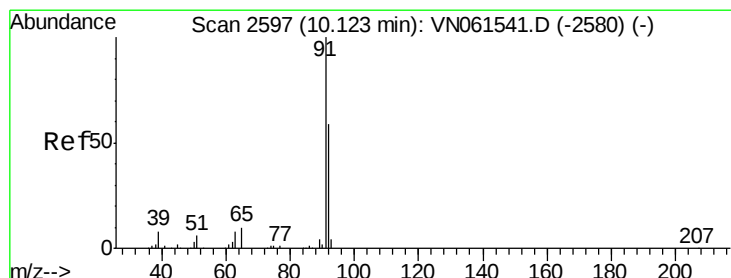
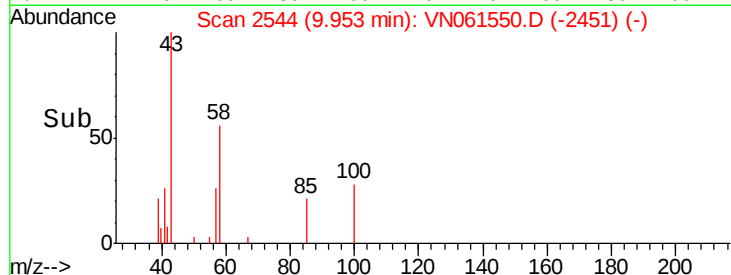
4000

2000

0

9.90 9.95 10.00

Time-->



#52

Toluene

Concen: 0.736 ug/l

RT: 10.13 min Scan# 2598

Delta R.T. 0.00 min

Lab File: VN061550.D

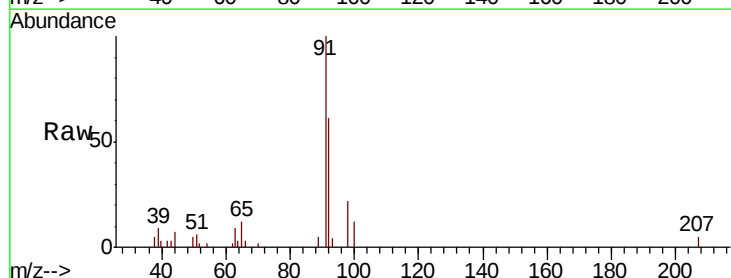
Acq: 28 May 2020 23:36

Tgt Ion: 92 Resp: 7282

Ion Ratio Lower Upper

92 100

91 174.1 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VN061541.D (-2580) (-)

Ion 91.00 (90.70 to 91.70): VN061541.D (-2580) (-)

10.13

8000

6000

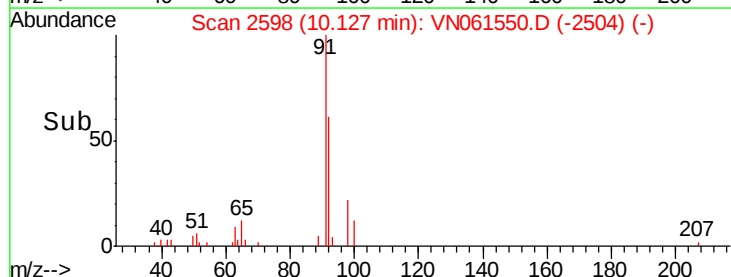
4000

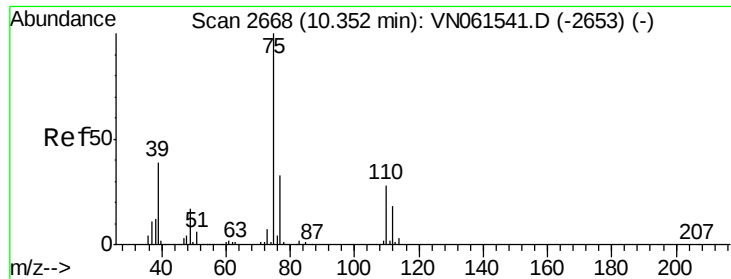
2000

0

10.10 10.13 10.15

Time-->





#53

t-1,3-Dichloropropene

Concen: 0.720 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. -0.00 min

Lab File: VN061550.D

Acq: 28 May 2020 23:36

Instrument :

MSVOA_N

ClientSampleId :

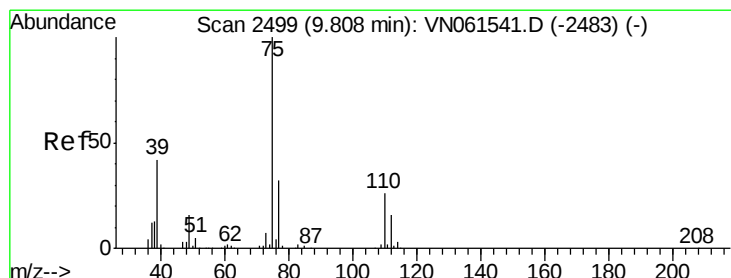
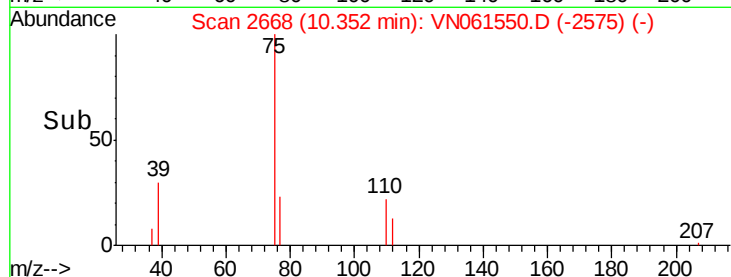
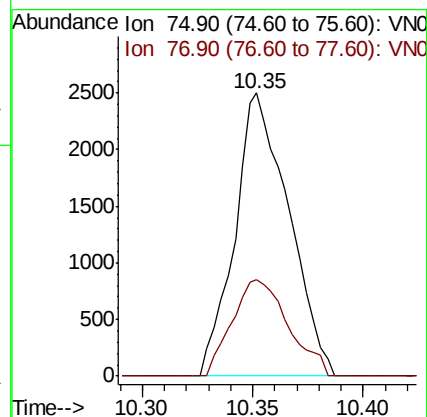
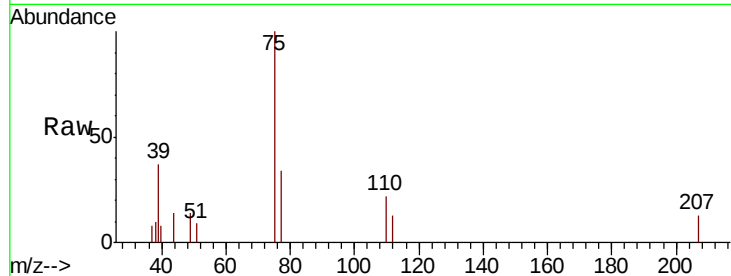
LOD-MDL-WATER-01-QT2-2020

Tot Ion: 75 Resp: 4238

Ion Ratio Lower Upper

75 100

77 33.9 26.2 39.4



#54

cis-1,3-Dichloropropene

Concen: 0.705 ug/l

RT: 9.81 min Scan# 2500

Delta R.T. 0.00 min

Lab File: VN061550.D

Acq: 28 May 2020 23:36

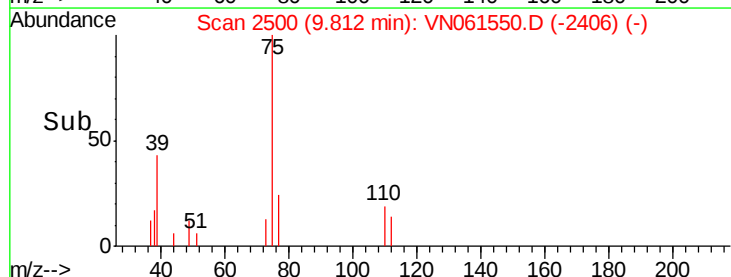
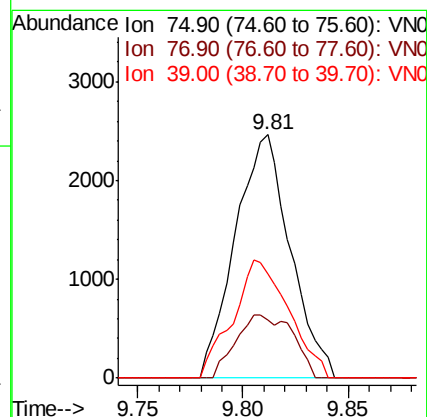
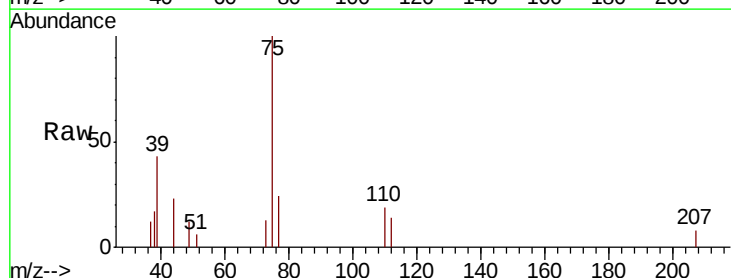
Tgt Ion: 75 Resp: 4462

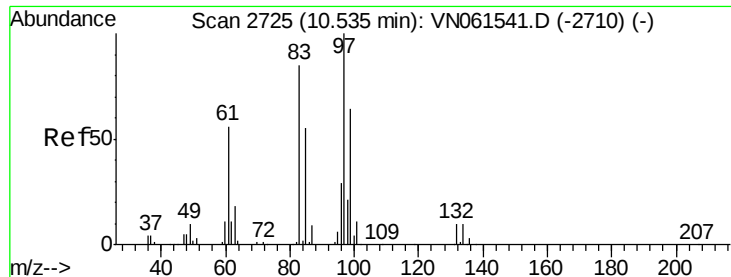
Ion Ratio Lower Upper

75 100

77 23.6 25.4 38.2#

39 42.9 33.8 50.6





#55

1,1,2-Trichloroethane

Concen: 0.725 ug/l

RT: 10.54 min Scan# 2725

Delta R.T. 0.00 min

Lab File: VN061550.D

Acq: 28 May 2020 23:36

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

Tot Ion: 97 Resp: 2858

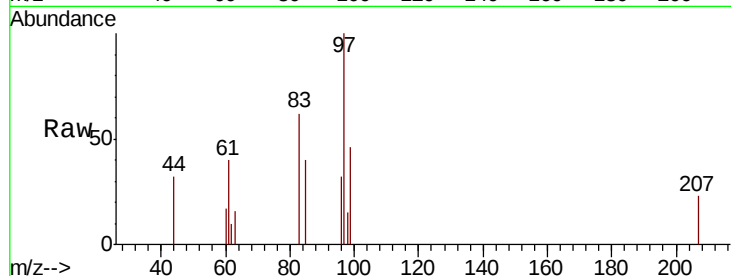
Ion Ratio Lower Upper

97 100

83 62.3 68.1 102.1#

85 40.4 44.1 66.1#

99 46.4 51.1 76.7#



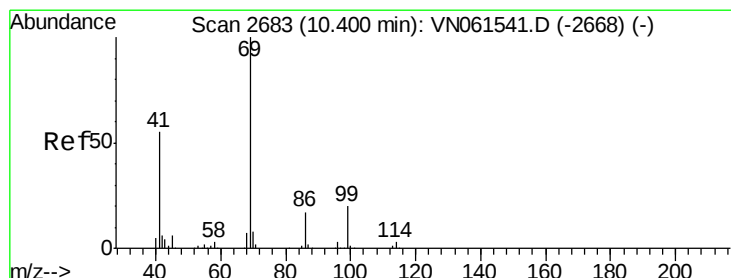
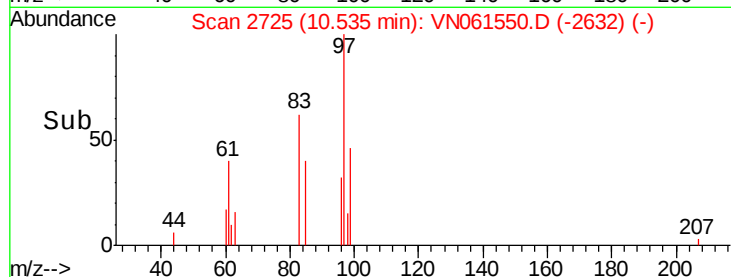
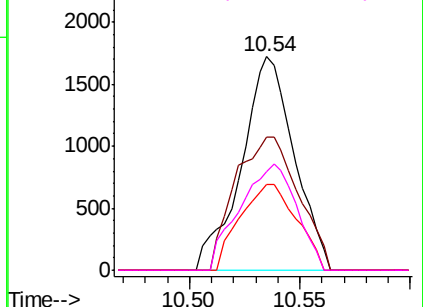
Abundance

Ion 96.90 (96.60 to 97.60): VNO

Ion 82.90 (82.60 to 83.60): VNO

Ion 84.90 (84.60 to 85.60): VNO

Ion 98.90 (98.60 to 99.60): VNO



#56

Ethyl methacrylate

Concen: 0.610 ug/l

RT: 10.40 min Scan# 2684

Delta R.T. 0.00 min

Lab File: VN061550.D

Acq: 28 May 2020 23:36

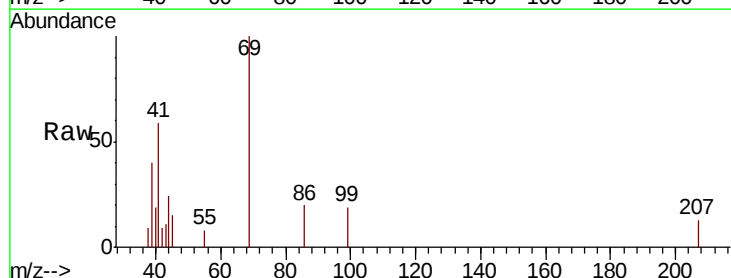
Tgt Ion: 69 Resp: 3359

Ion Ratio Lower Upper

69 100

41 61.7 43.5 65.3

39 40.5 27.0 40.6

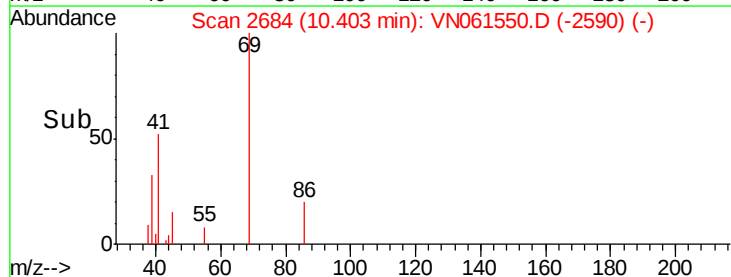
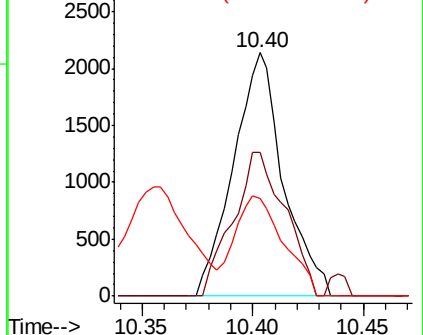


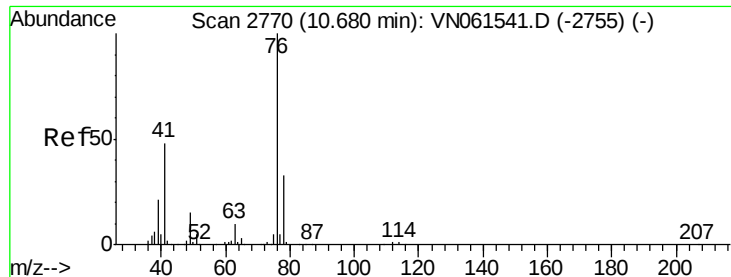
Abundance

Ion 69.00 (68.70 to 69.70): VNO

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

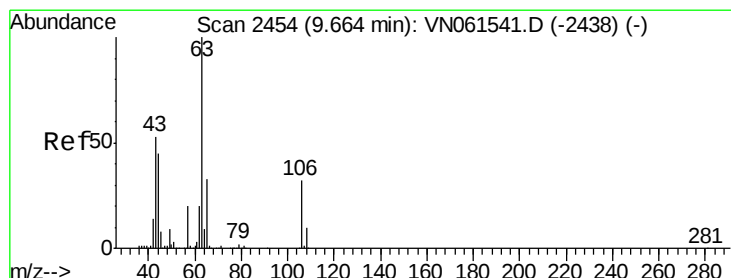
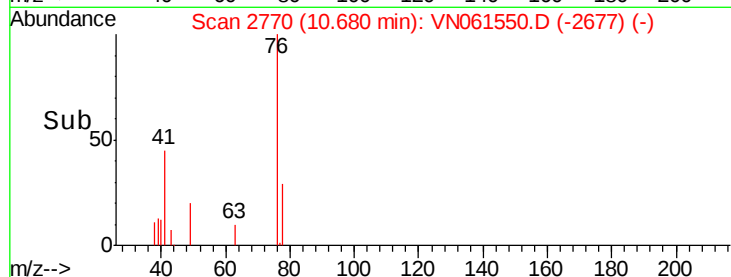
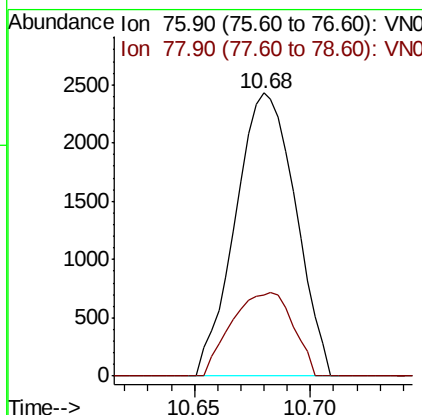
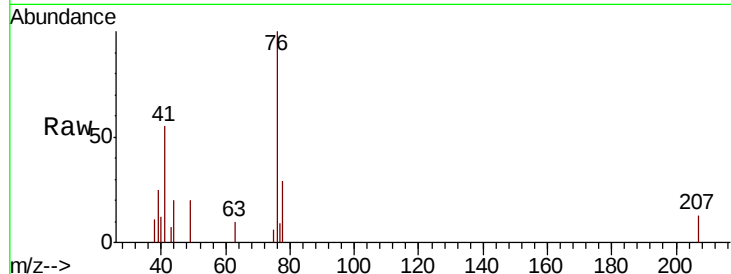




#57
 1,3-Dichloropropane
 Concen: 0.696 ug/l
 RT: 10.68 min Scan# 2770
 Delta R.T. 0.00 min
 Lab File: VN061550.D
 Acq: 28 May 2020 23:36

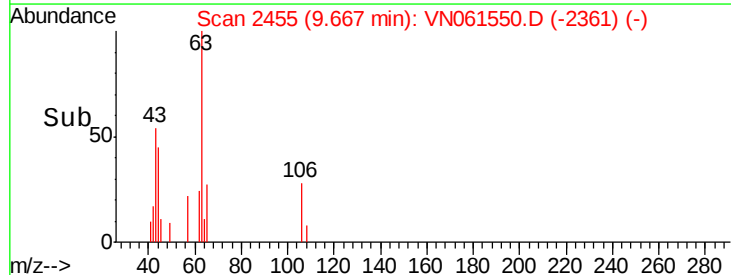
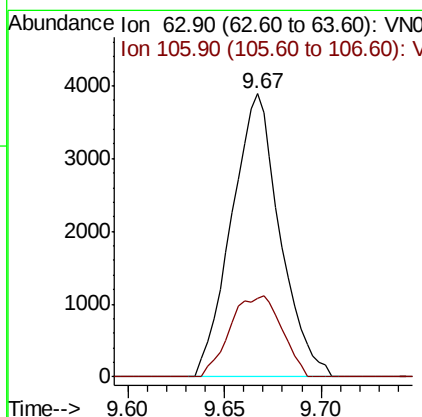
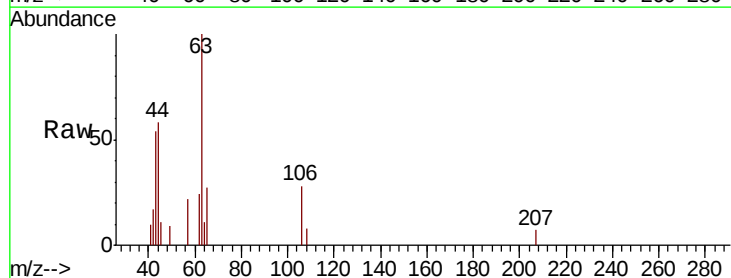
Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2020

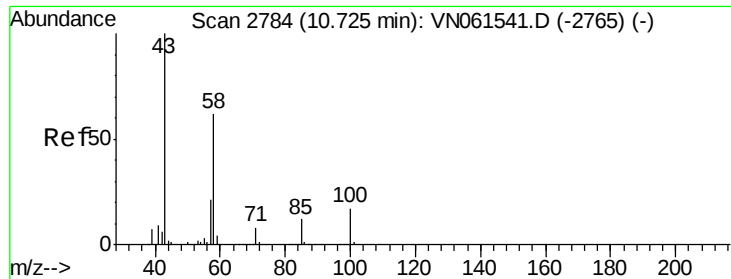
Tot Ion: 76 Resp: 4384
 Ion Ratio Lower Upper
 76 100
 78 30.2 26.3 39.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 2.873 ug/l
 RT: 9.67 min Scan# 2455
 Delta R.T. 0.00 min
 Lab File: VN061550.D
 Acq: 28 May 2020 23:36

Tgt Ion: 63 Resp: 6756
 Ion Ratio Lower Upper
 63 100
 106 30.6 25.9 38.9

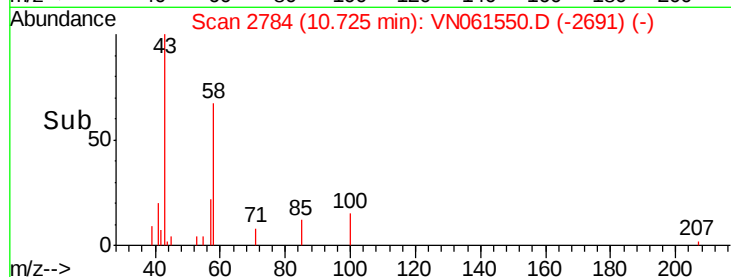
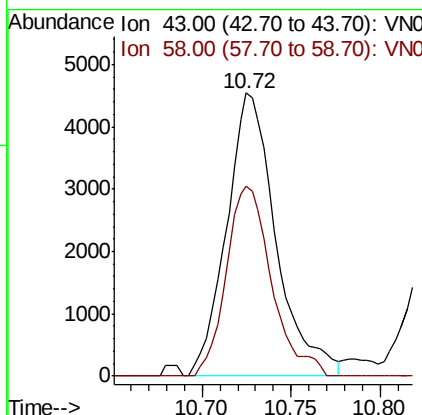
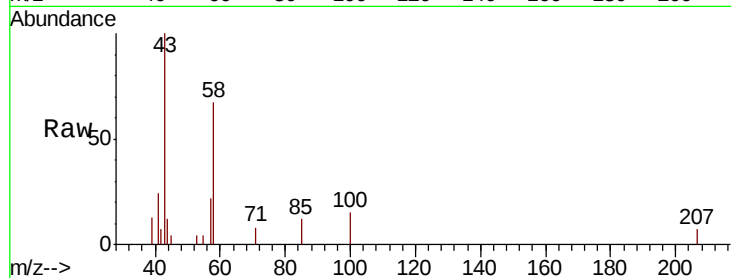




#59
2-Hexanone
Concen: 3.051 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. 0.00 min
Lab File: VN061550.D
Acq: 28 May 2020 23:36

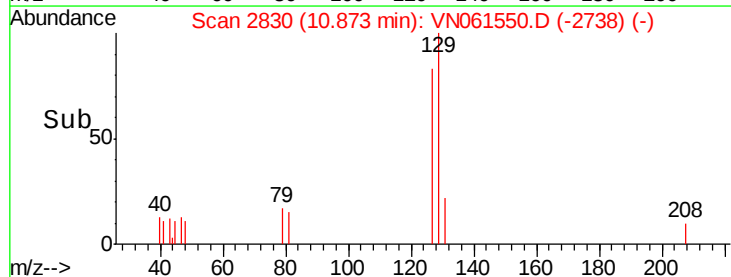
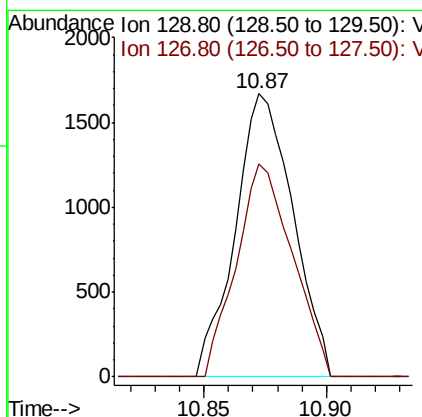
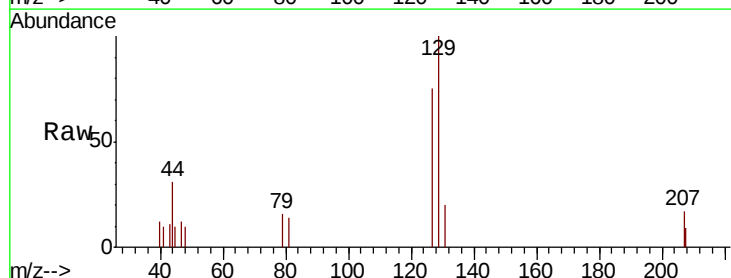
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

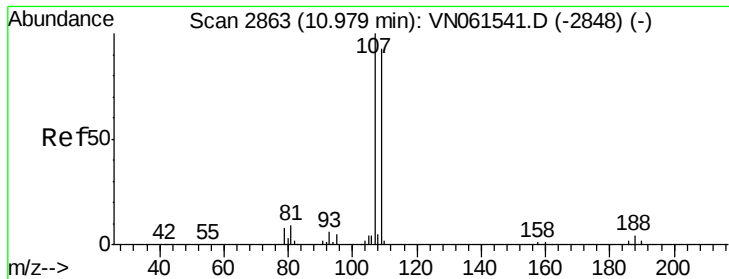
Tot Ion: 43 Resp: 8786
Ion Ratio Lower Upper
43 100
58 61.4 30.7 92.1



#60
Dibromochloromethane
Concen: 0.612 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN061550.D
Acq: 28 May 2020 23:36

Tgt Ion: 129 Resp: 2743
Ion Ratio Lower Upper
129 100
127 73.0 38.8 116.3

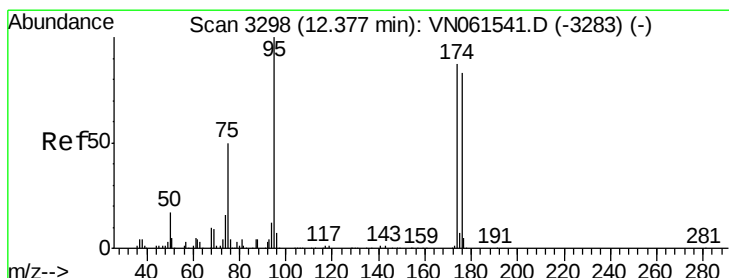
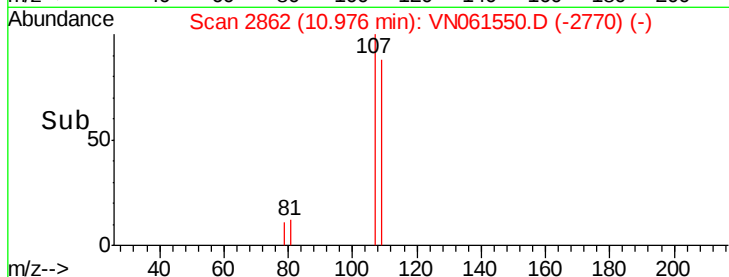
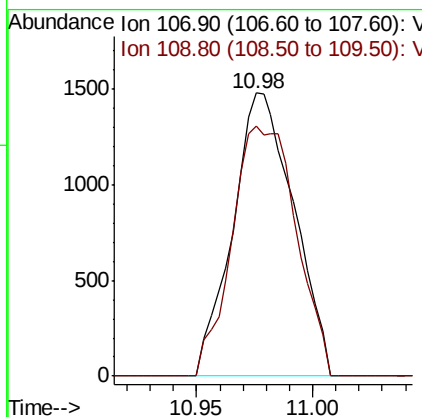
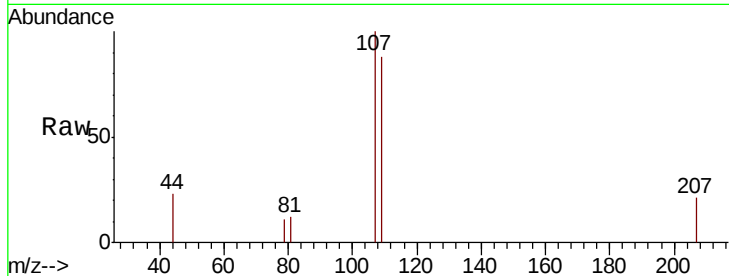




#61
 1,2-Dibromoethane
 Concen: 0.660 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: VN061550.D
 Acq: 28 May 2020 23:36

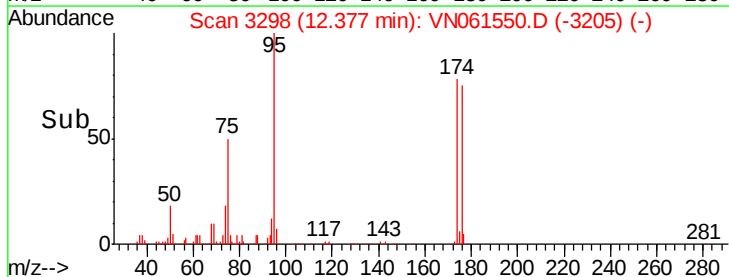
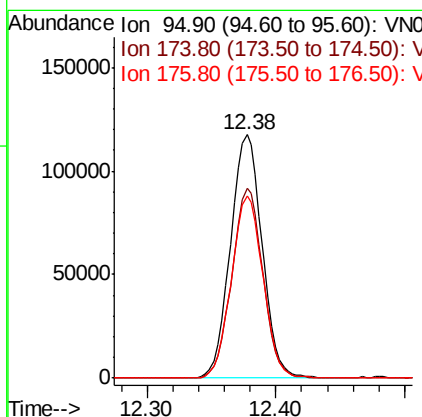
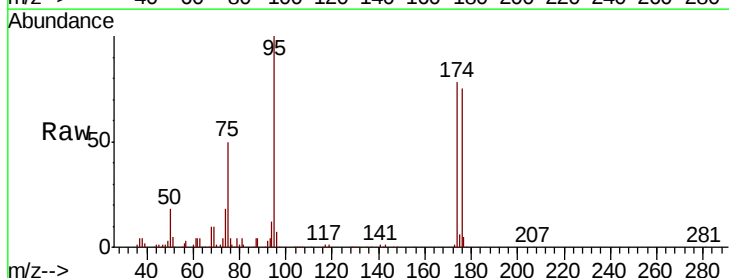
Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2020

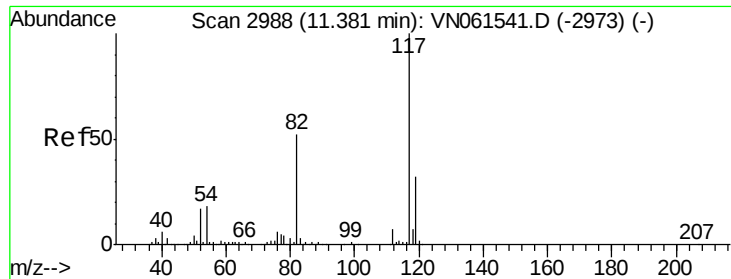
Tot Ion: 107 Resp: 2711
 Ion Ratio Lower Upper
 107 100
 109 93.0 76.1 114.1



#62
 4-Bromofluorobenzene
 Concen: 42.128 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. 0.00 min
 Lab File: VN061550.D
 Acq: 28 May 2020 23:36

Tgt Ion: 95 Resp: 200401
 Ion Ratio Lower Upper
 95 100
 174 76.4 0.0 172.8
 176 74.7 0.0 164.8

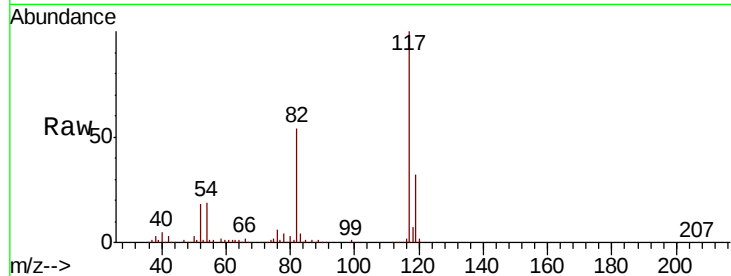




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN061550.D
Acq: 28 May 2020 23:36

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

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.3	41.5	62.3
119	32.0	25.6	38.4

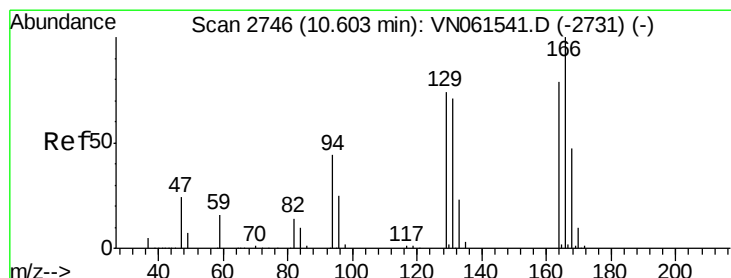
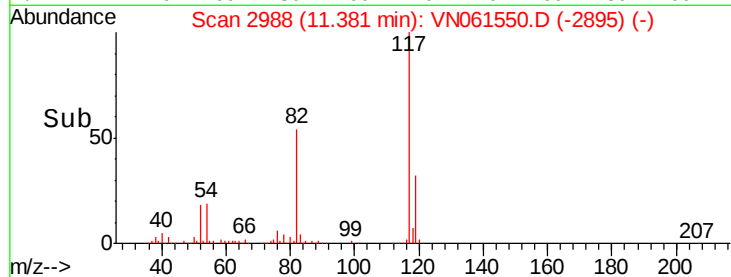
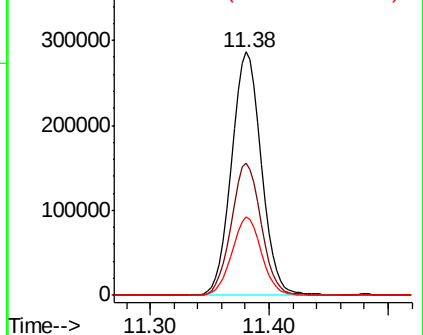


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 0.758 ug/l
RT: 10.61 min Scan# 2748
Delta R.T. 0.01 min
Lab File: VN061550.D
Acq: 28 May 2020 23:36

Tgt Ion	Ratio	Lower	Upper
164	100		
166	110.0	101.5	152.3
129	80.3	74.9	112.3
131	81.7	72.2	108.2

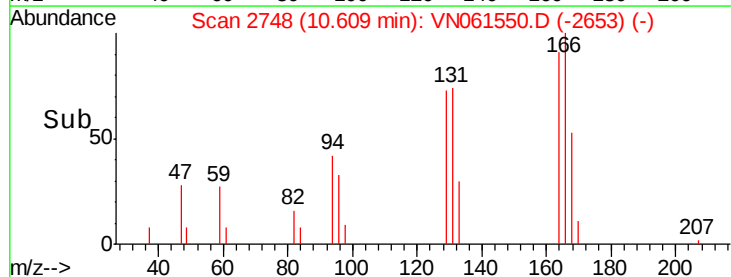
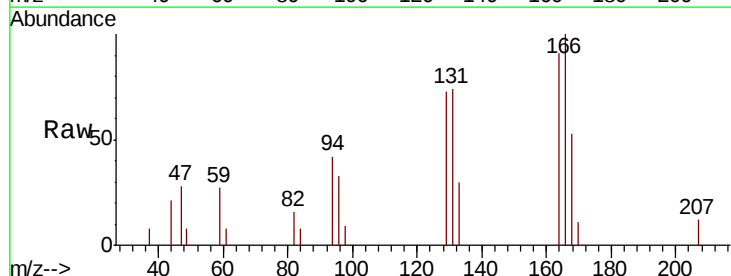
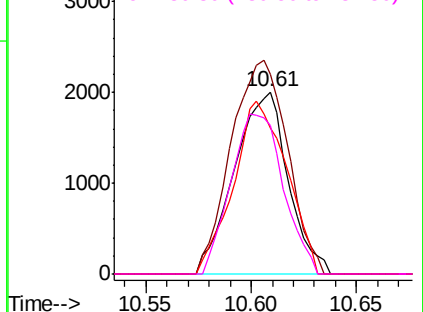
Abundance

Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 0.744 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN061550.D

Acq: 28 May 2020 23:36

Instrument :

MSVOA_N

ClientSampleId :

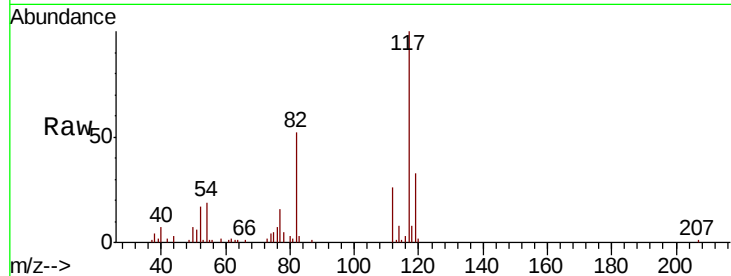
LOD-MDL-WATER-01-QT2-2020

Tot Ion:112 Resp: 7704

Ion Ratio Lower Upper

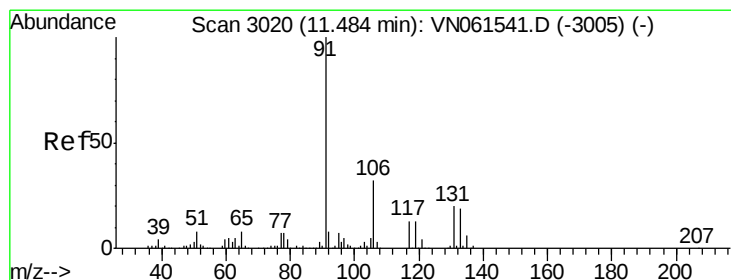
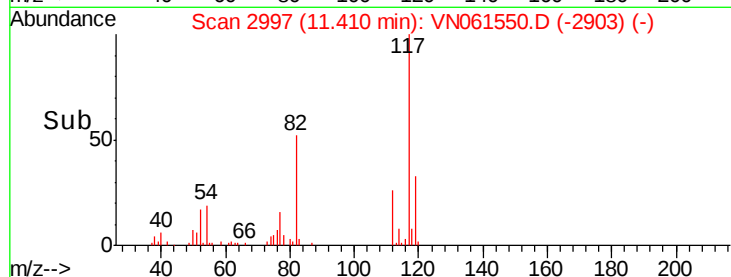
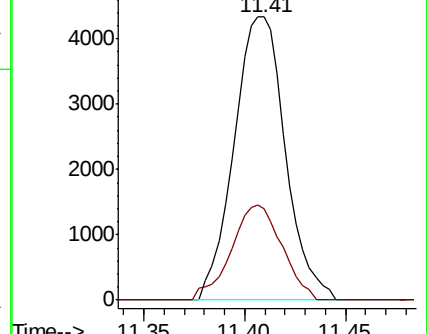
112 100

114 32.4 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 0.614 ug/l

RT: 11.48 min Scan# 3020

Delta R.T. -0.00 min

Lab File: VN061550.D

Acq: 28 May 2020 23:36

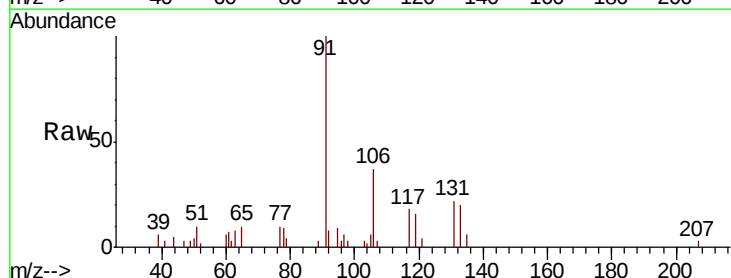
Tgt Ion:131 Resp: 2368

Ion Ratio Lower Upper

131 100

133 103.9 47.4 142.2

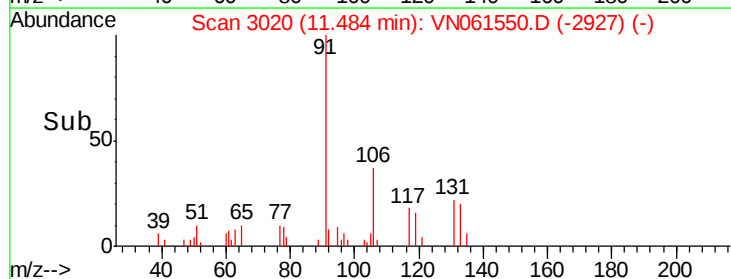
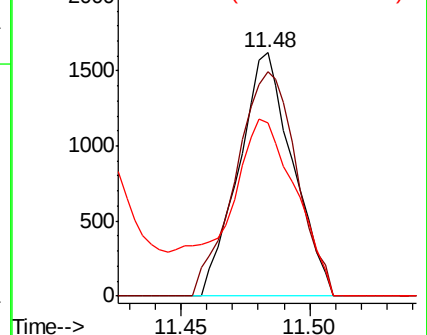
119 0.0 32.6 97.8#



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

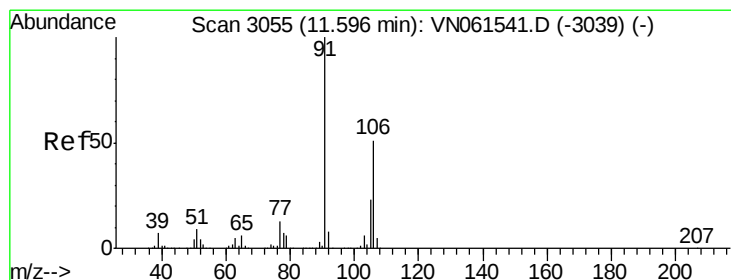
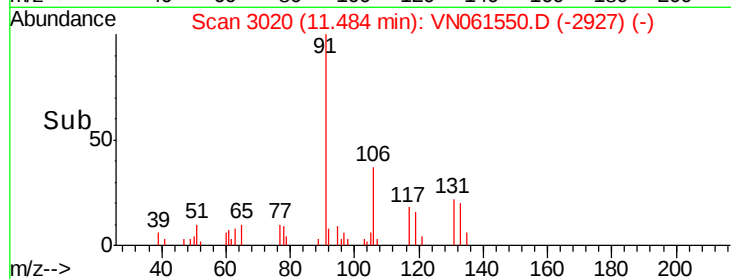
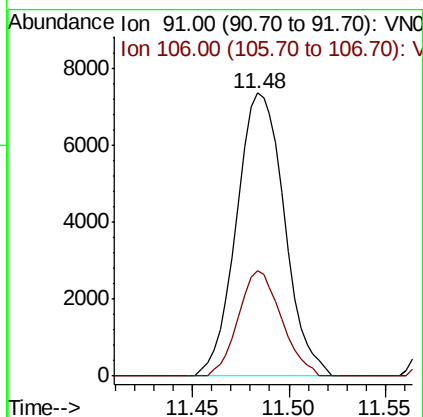
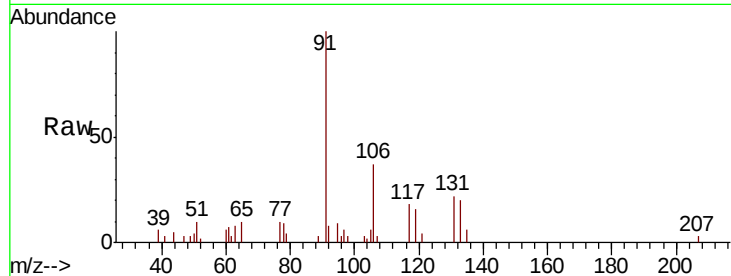




#67
Ethyl Benzene
Concen: 0.710 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN061550.D
Acq: 28 May 2020 23:36

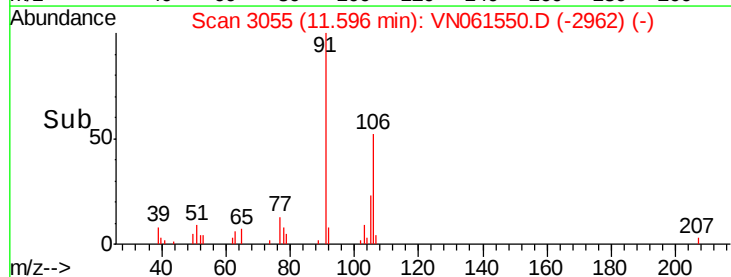
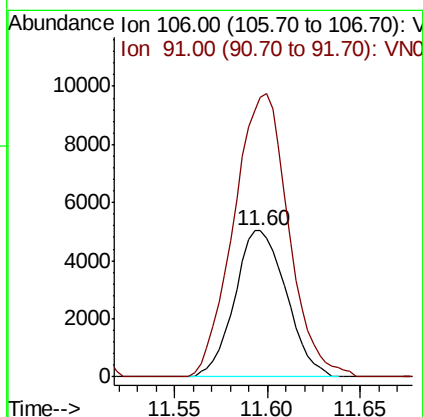
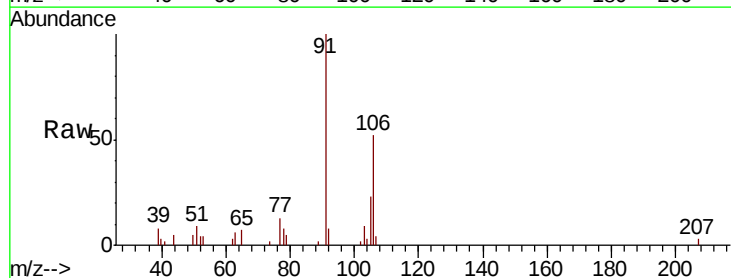
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

Tot Ion: 91 Resp: 12715
Ion Ratio Lower Upper
91 100
106 37.3 25.6 38.4



#68
m/p-Xylenes
Concen: 1.366 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. 0.00 min
Lab File: VN061550.D
Acq: 28 May 2020 23:36

Tgt Ion: 106 Resp: 9697
Ion Ratio Lower Upper
106 100
91 206.3 156.2 234.4

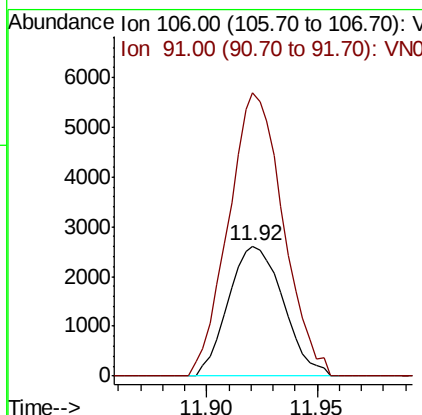
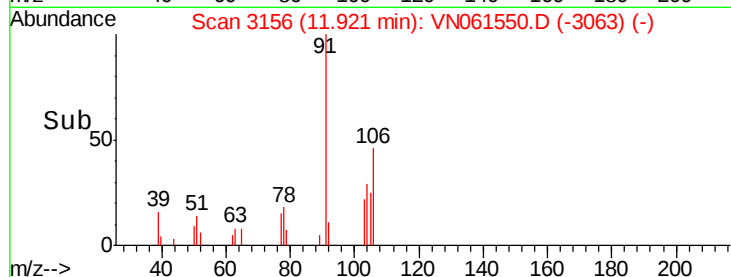
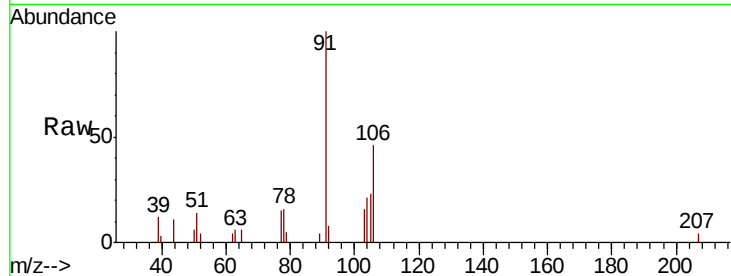




#69
o-Xylene
Concen: 0.667 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN061550.D
Acq: 28 May 2020 23:36

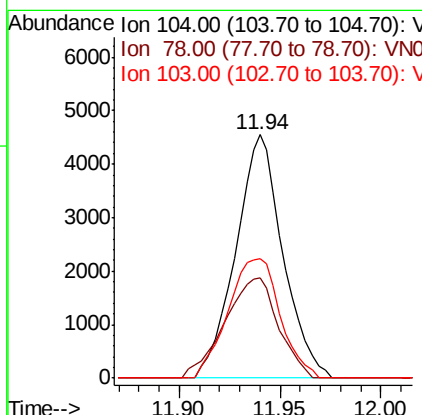
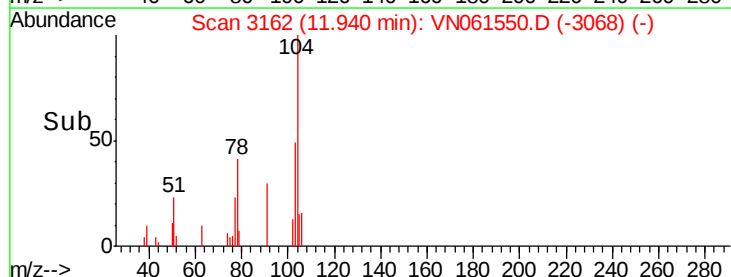
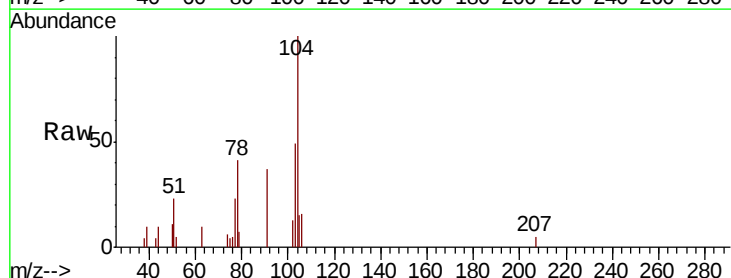
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

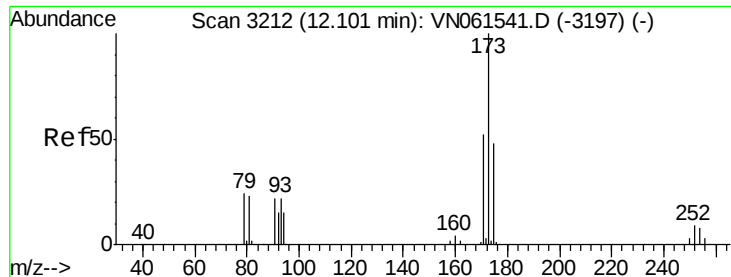
Tot Ion:106 Resp: 4499
Ion Ratio Lower Upper
106 100
91 216.9 103.3 309.8



#70
Styrene
Concen: 0.664 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN061550.D
Acq: 28 May 2020 23:36

Tgt Ion:104 Resp: 7417
Ion Ratio Lower Upper
104 100
78 46.9 37.4 56.0
103 54.2 42.3 63.5





#71

Bromoform

Concen: 0.536 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. 0.00 min

Lab File: VN061550.D

Acq: 28 May 2020 23:36

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

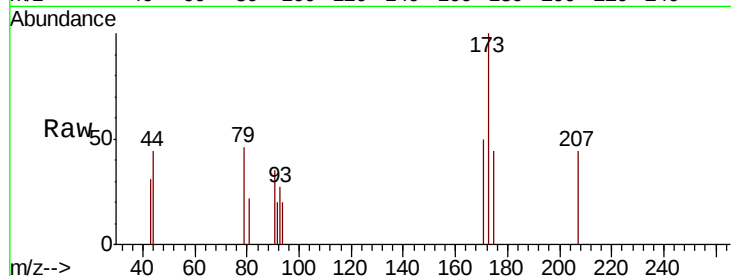
Tot Ion:173 Resp: 1593

Ion Ratio Lower Upper

173 100

175 47.1 24.4 73.2

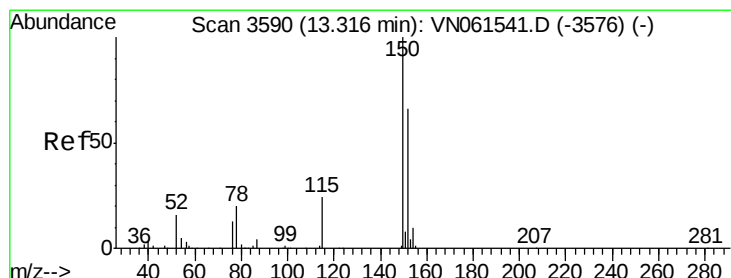
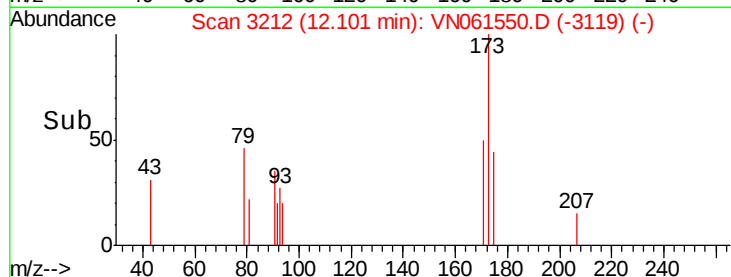
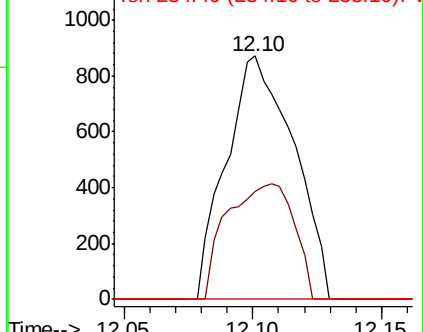
254 0.0 0.0 0.0



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: VN061550.D

Acq: 28 May 2020 23:36

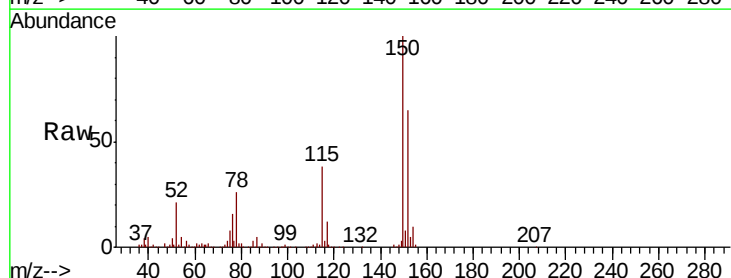
Tgt Ion:152 Resp: 209976

Ion Ratio Lower Upper

152 100

115 59.6 28.0 84.0

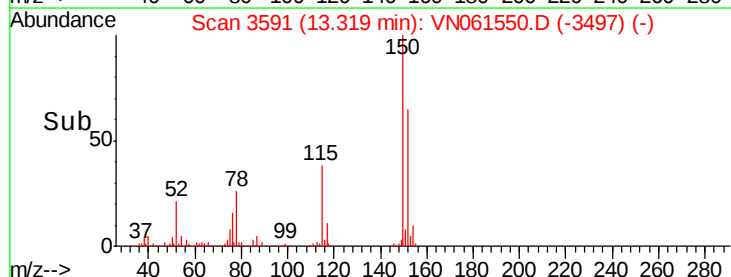
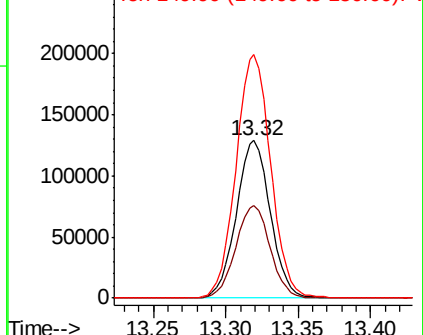
150 157.4 0.0 344.0

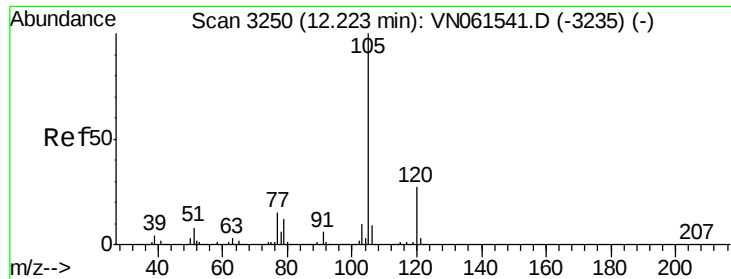


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 0.807 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. 0.00 min

Lab File: VN061550.D

Acq: 28 May 2020 23:36

Instrument :

MSVOA_N

ClientSampleId :

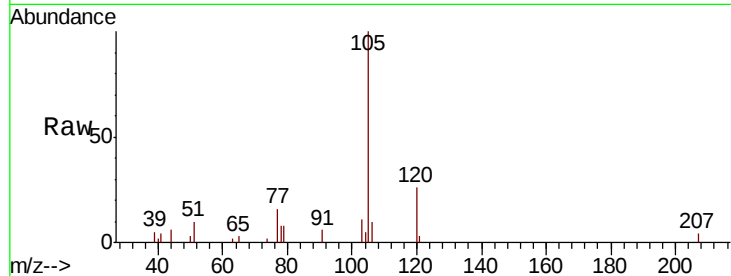
LOD-MDL-WATER-01-QT2-2020

Tot Ion:105 Resp: 12373

Ion Ratio Lower Upper

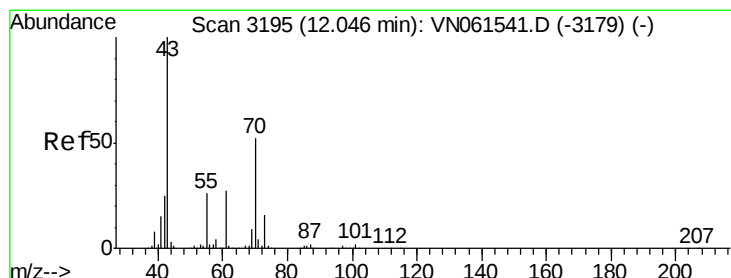
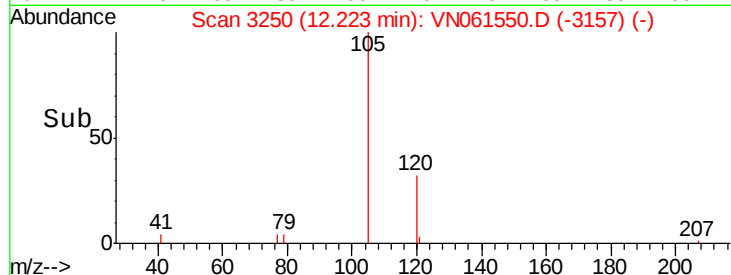
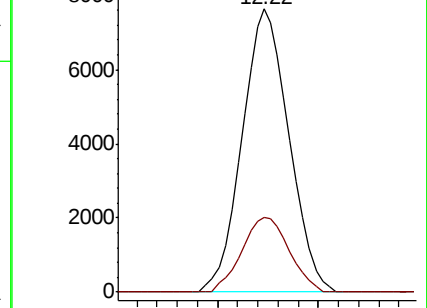
105 100

120 26.7 13.8 41.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 0.748 ug/l

RT: 12.05 min Scan# 3196

Delta R.T. 0.00 min

Lab File: VN061550.D

Acq: 28 May 2020 23:36

Tgt Ion: 43 Resp: 3611

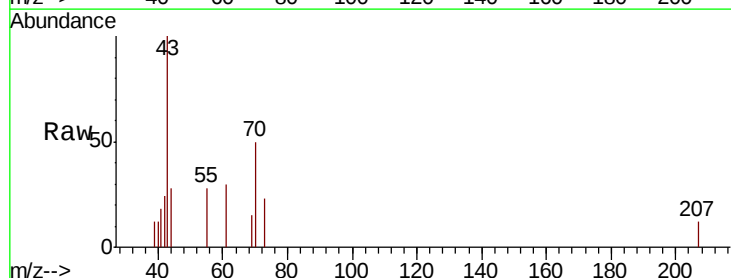
Ion Ratio Lower Upper

43 100

70 40.5 40.5 60.7#

55 24.7 20.6 31.0

61 24.1 21.8 32.6

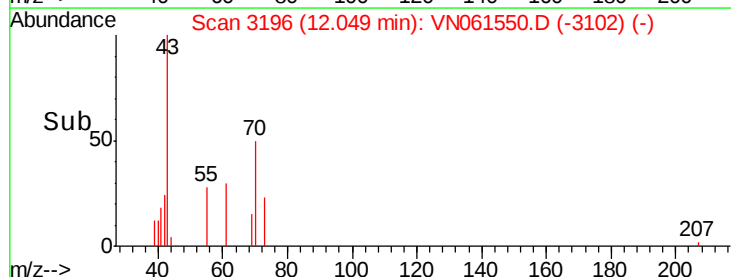
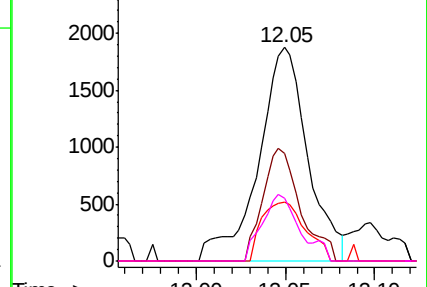


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 0.818 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN061550.D

Acq: 28 May 2020 23:36

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

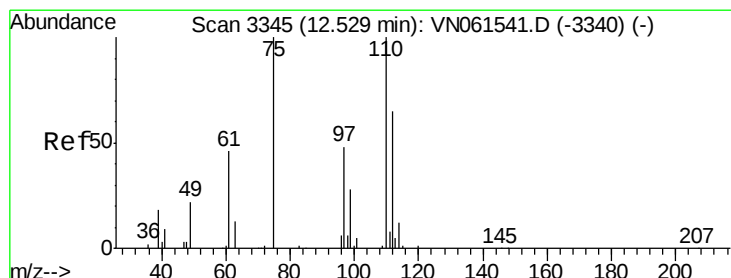
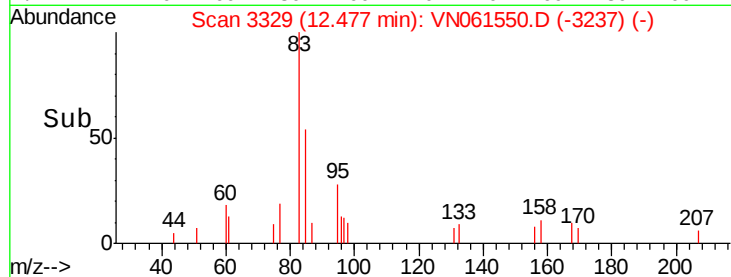
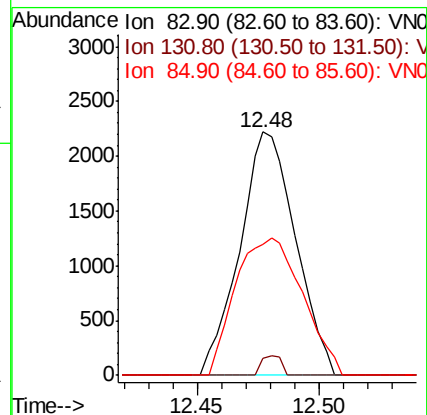
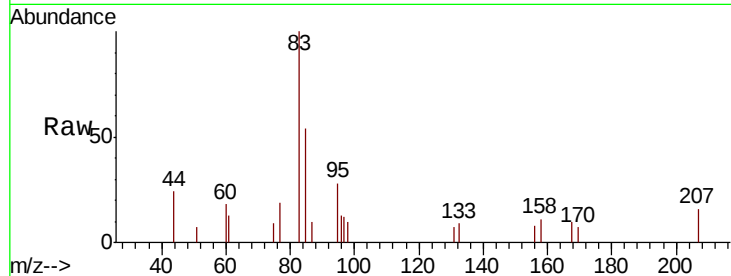
Tot Ion: 83 Resp: 3512

Ion Ratio Lower Upper

83 100

131 2.8 5.5 16.5#

85 68.1 32.1 96.3



#76

1,2,3-Trichloropropane

Concen: 1.274 ug/l

RT: 12.53 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN061550.D

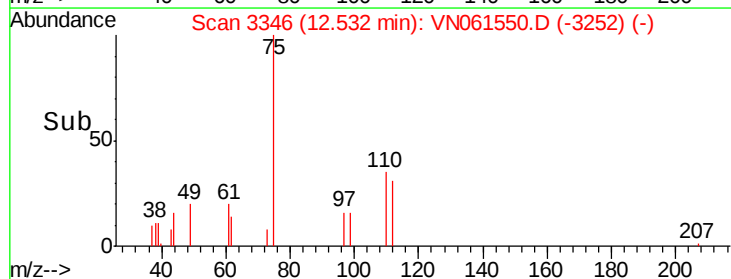
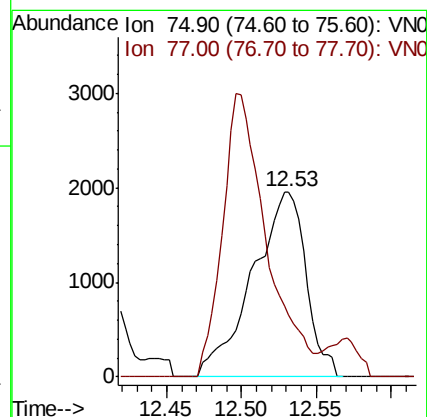
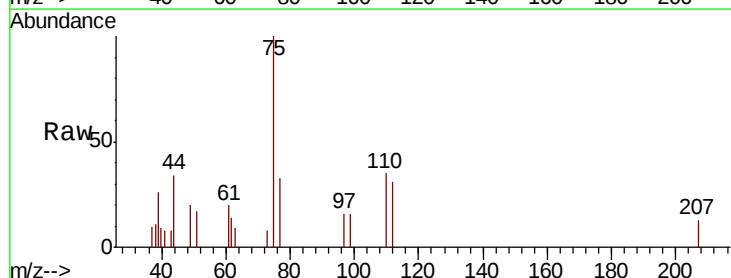
Acq: 28 May 2020 23:36

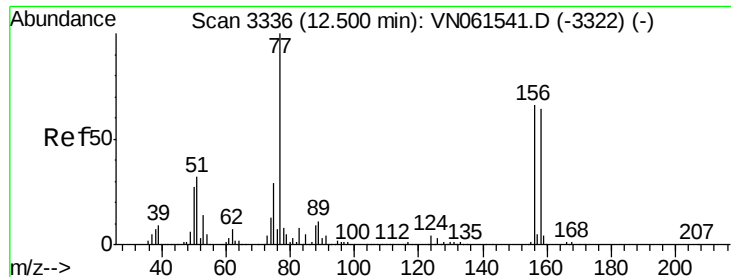
Tgt Ion: 75 Resp: 4863

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 0.844 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN061550.D

Acq: 28 May 2020 23:36

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

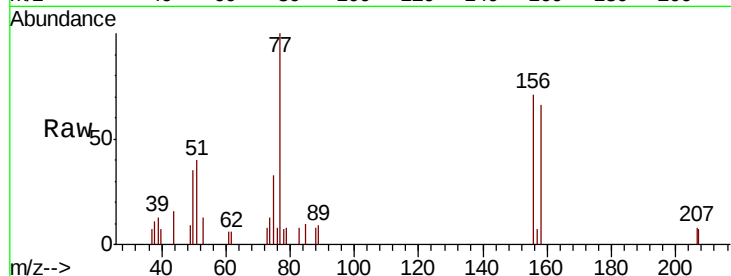
Tot Ion:156 Resp: 3302

Ion Ratio Lower Upper

156 100

77 186.5 90.9 272.7

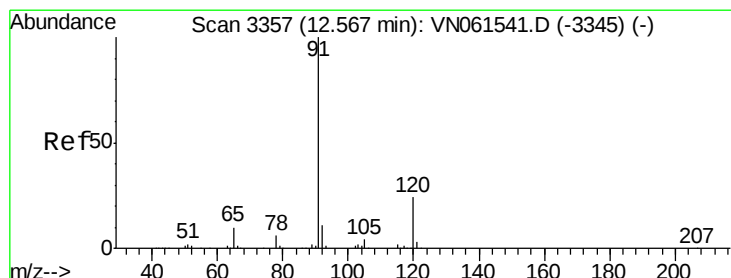
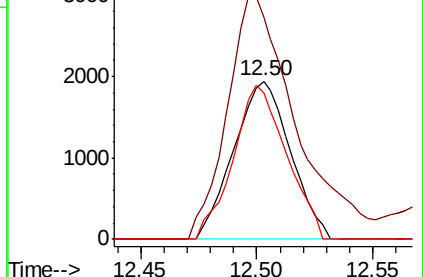
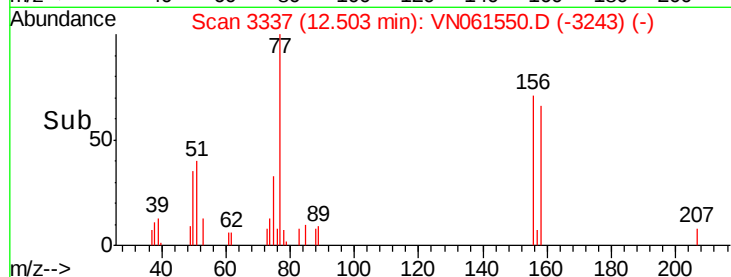
158 91.8 48.4 145.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 0.806 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. 0.00 min

Lab File: VN061550.D

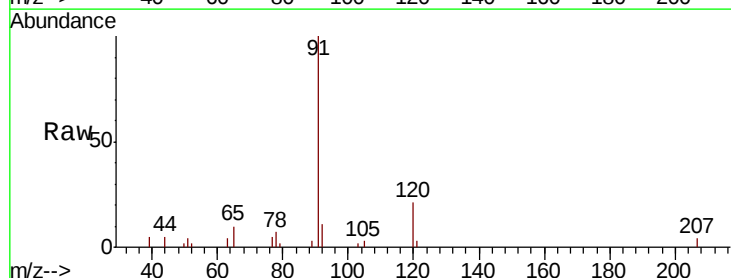
Acq: 28 May 2020 23:36

Tgt Ion: 91 Resp: 13787

Ion Ratio Lower Upper

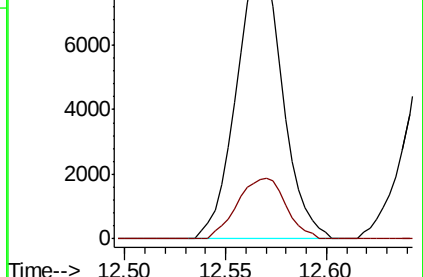
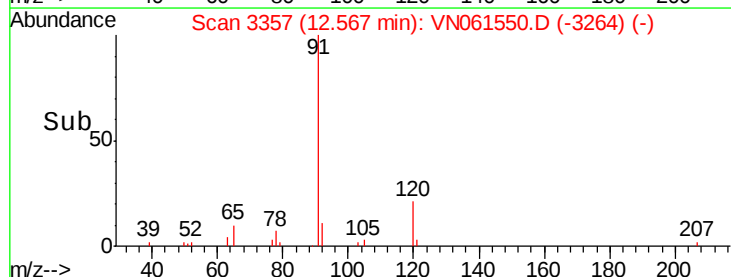
91 100

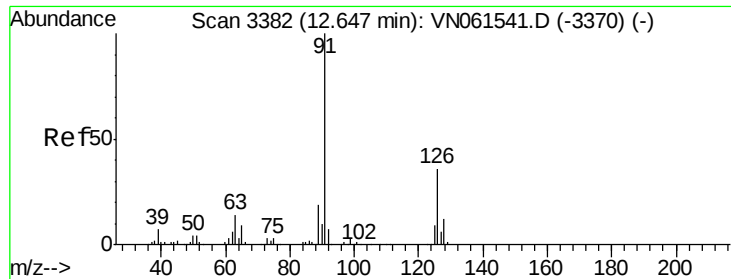
120 22.9 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

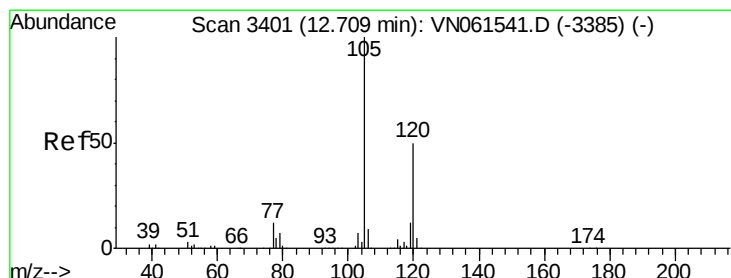
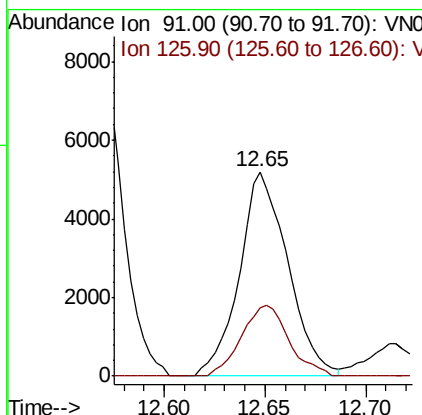
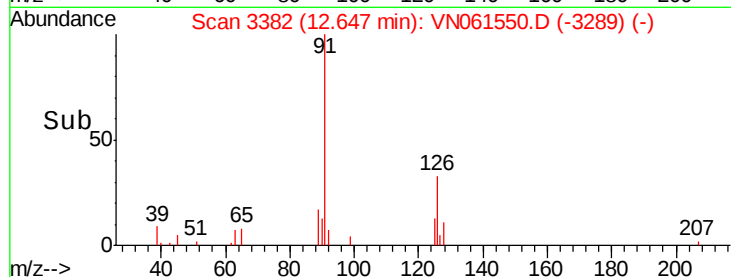
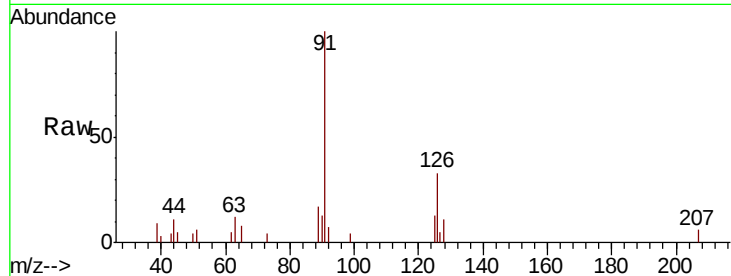




#79
 2-Chlorotoluene
 Concen: 0.858 ug/l
 RT: 12.65 min Scan# 3382
 Delta R.T. 0.00 min
 Lab File: VN061550.D
 Acq: 28 May 2020 23:36

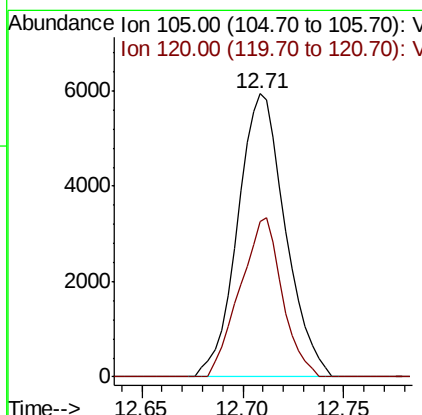
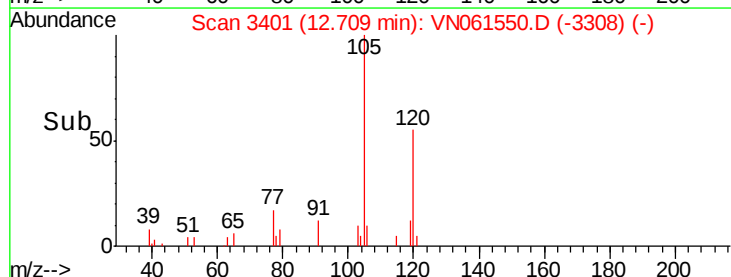
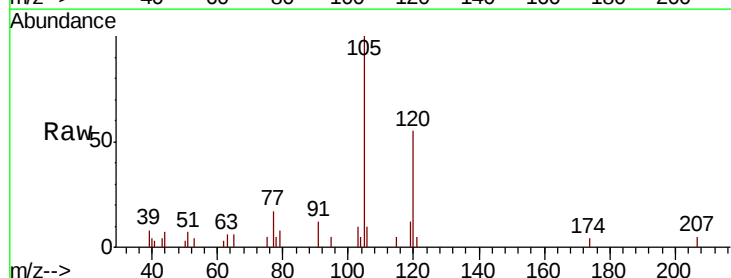
Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2020

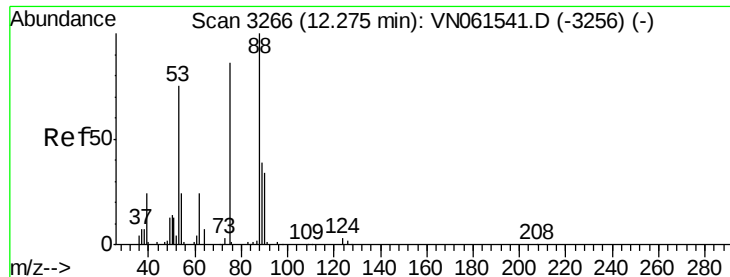
Tot Ion: 91 Resp: 8758
 Ion Ratio Lower Upper
 91 100
 126 33.8 17.9 53.7



#80
 1,3,5-Trimethylbenzene
 Concen: 0.766 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. -0.00 min
 Lab File: VN061550.D
 Acq: 28 May 2020 23:36

Tgt Ion: 105 Resp: 9813
 Ion Ratio Lower Upper
 105 100
 120 49.8 25.1 75.2





#81

trans-1,4-Dichloro-2-butene

Concen: 67.593 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.10 min

Lab File: VN061550.D

Acq: 28 May 2020 23:36

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

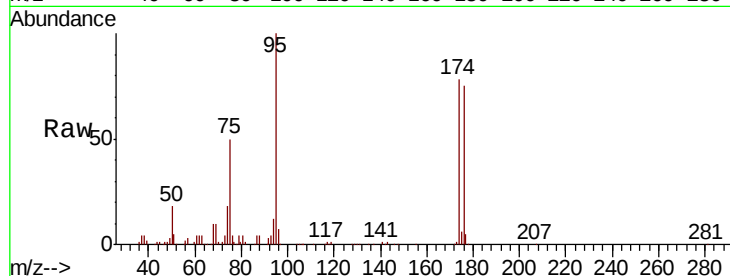
Tot Ion: 75 Resp: 100921

Ion Ratio Lower Upper

75 100

53 0.0 67.8 101.8#

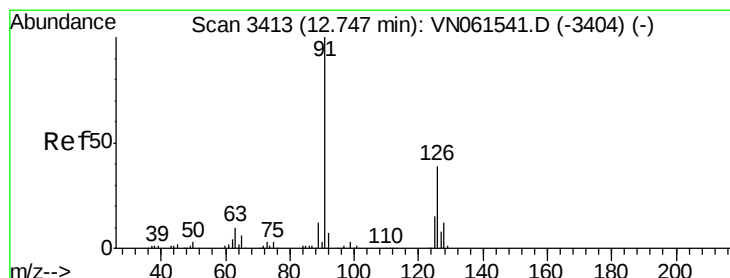
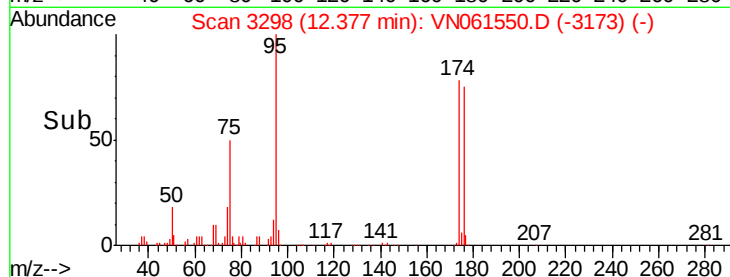
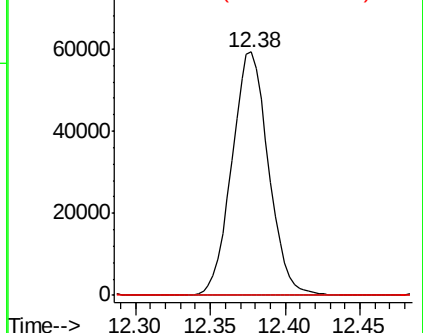
89 0.0 37.1 55.7#



Abundance Ion 74.90 (74.60 to 75.60): VN061550.D (-3173) (-)

Ion 53.00 (52.70 to 53.70): VN061550.D (-3173) (-)

Ion 88.90 (88.60 to 89.60): VN061550.D (-3173) (-)



#82

4-Chlorotoluene

Concen: 0.876 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN061550.D

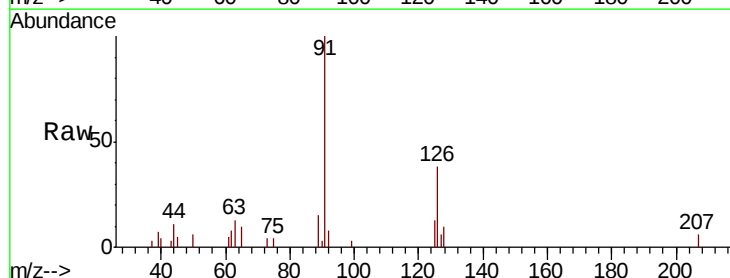
Acq: 28 May 2020 23:36

Tgt Ion: 91 Resp: 9403

Ion Ratio Lower Upper

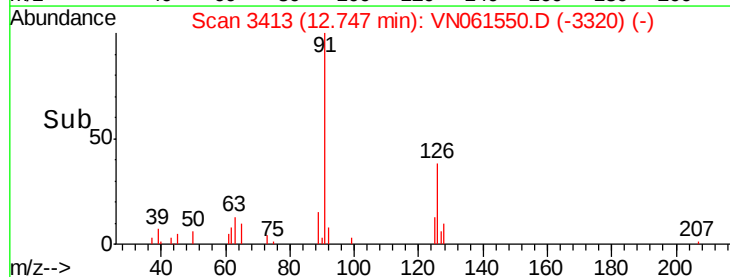
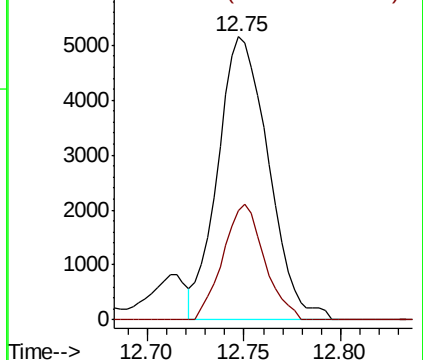
91 100

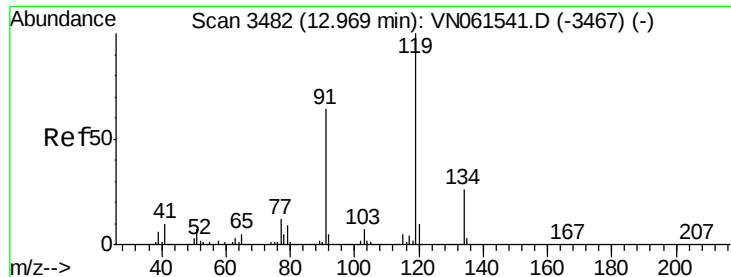
126 33.2 17.5 52.6



Abundance Ion 91.00 (90.70 to 91.70): VN061550.D (-3320) (-)

Ion 125.90 (125.60 to 126.60): VN061550.D (-3320) (-)

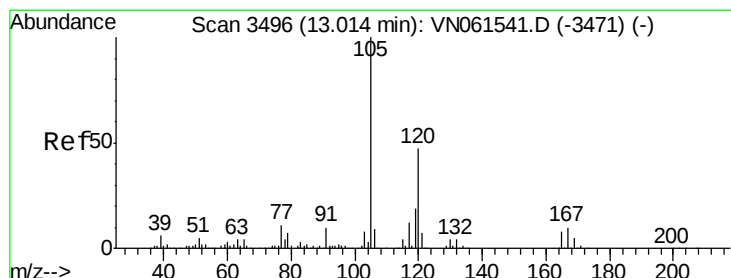
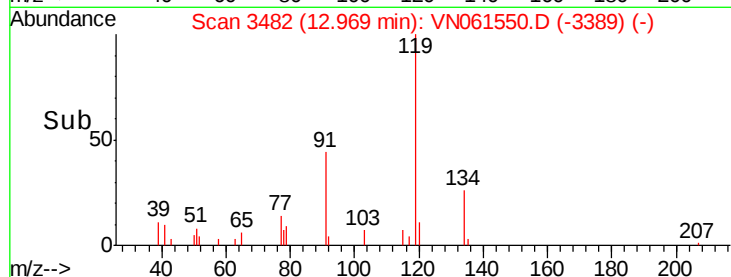
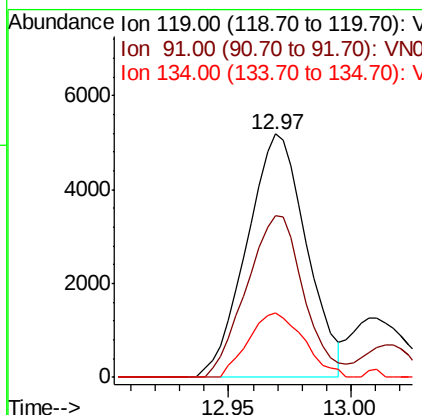
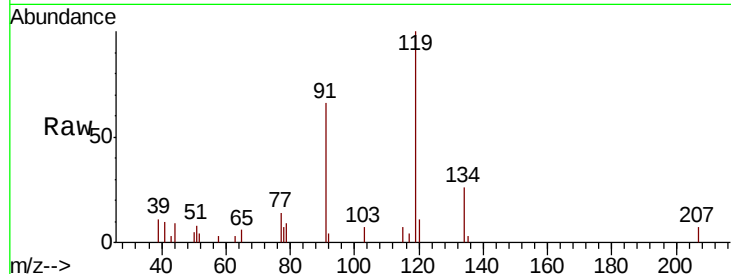




#83
 tert-Butylbenzene
 Concen: 0.775 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. 0.00 min
 Lab File: VN061550.D
 Acq: 28 May 2020 23:36

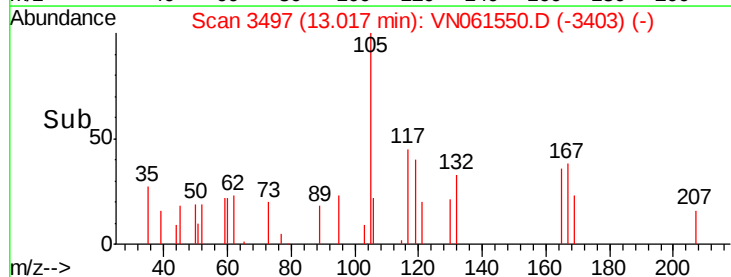
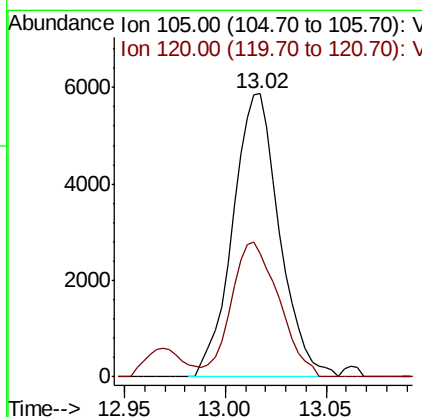
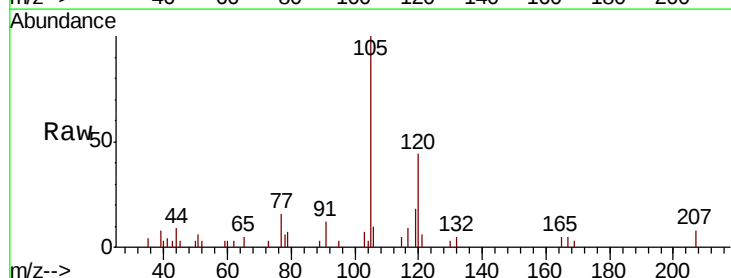
Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2020

Tot Ion:119 Resp: 8768
 Ion Ratio Lower Upper
 119 100
 91 63.9 31.3 93.8
 134 24.6 13.5 40.4



#84
 1,2,4-Trimethylbenzene
 Concen: 0.748 ug/l
 RT: 13.02 min Scan# 3497
 Delta R.T. 0.00 min
 Lab File: VN061550.D
 Acq: 28 May 2020 23:36

Tgt Ion:105 Resp: 9519
 Ion Ratio Lower Upper
 105 100
 120 48.5 23.2 69.5





#85

sec-Butylbenzene

Concen: 0.750 ug/l

RT: 13.15 min Scan# 3538

Delta R.T. 0.00 min

Lab File: VN061550.D

Acq: 28 May 2020 23:36

Instrument :

MSVOA_N

ClientSampleId :

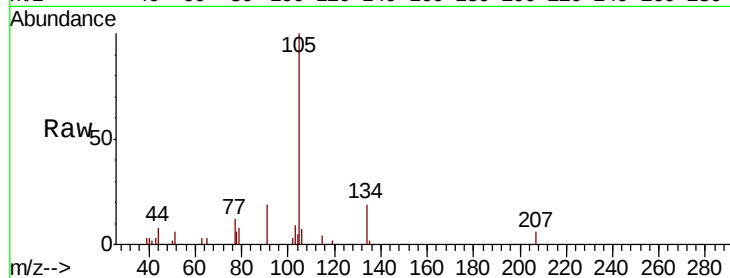
LOD-MDL-WATER-01-QT2-2020

Tot Ion:105 Resp: 10935

Ion Ratio Lower Upper

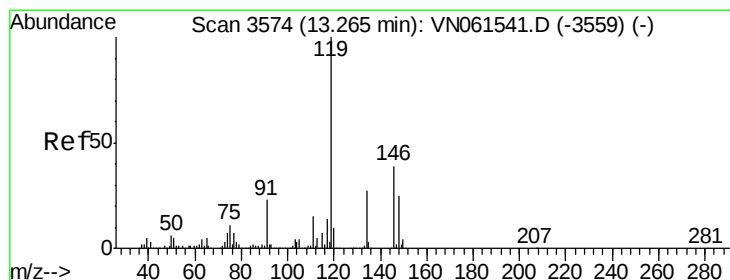
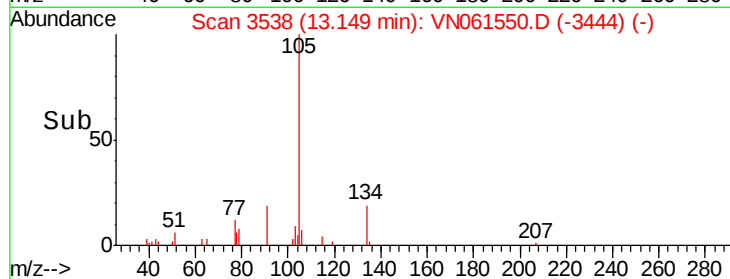
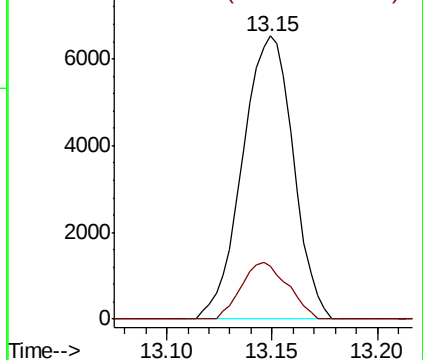
105 100

134 18.2 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 0.737 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN061550.D

Acq: 28 May 2020 23:36

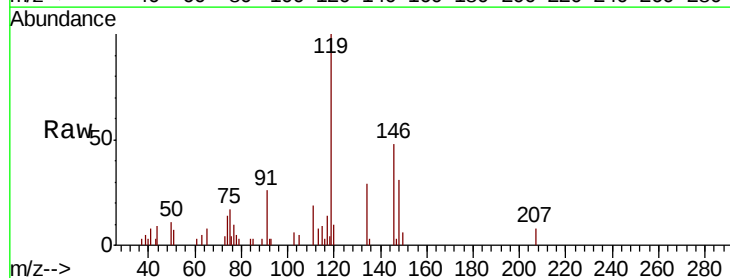
Tgt Ion:119 Resp: 9903

Ion Ratio Lower Upper

119 100

134 26.0 13.5 40.5

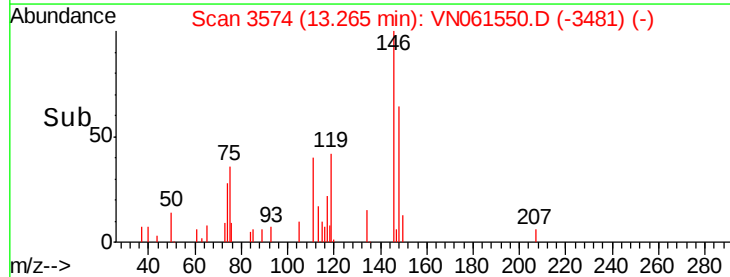
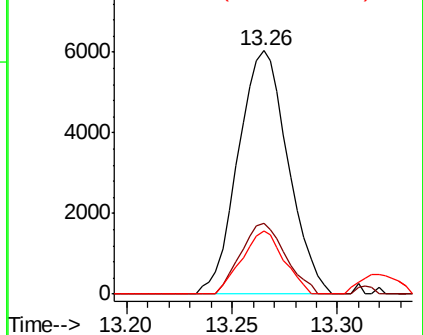
91 22.0 11.4 34.1



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

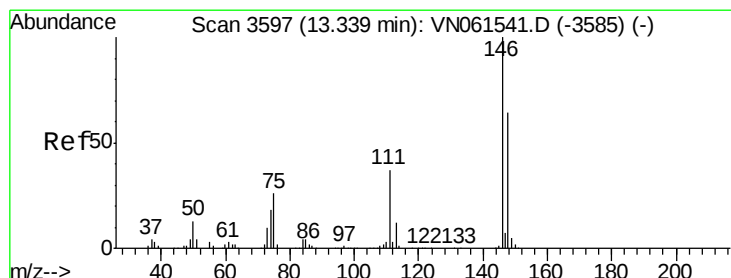
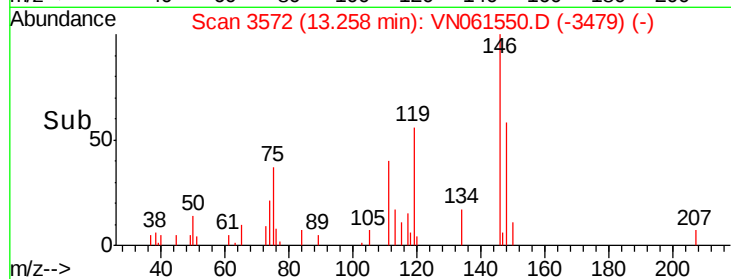
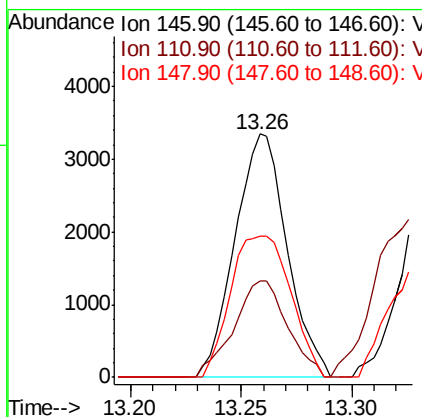
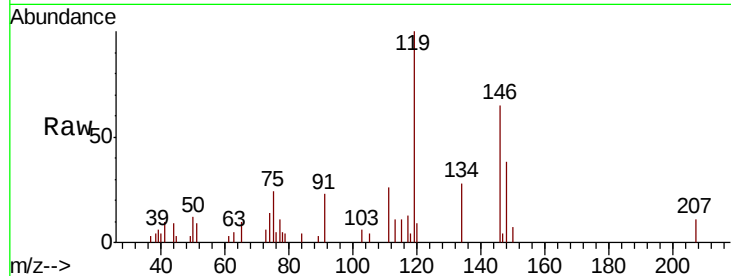




#87
 1,3-Dichlorobenzene
 Concen: 0.791 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN061550.D
 Acq: 28 May 2020 23:36

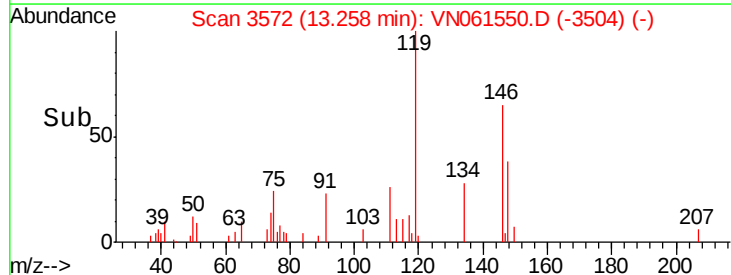
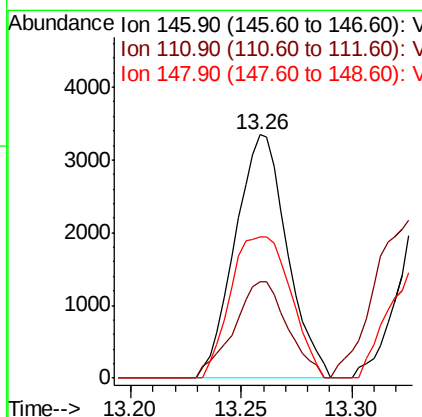
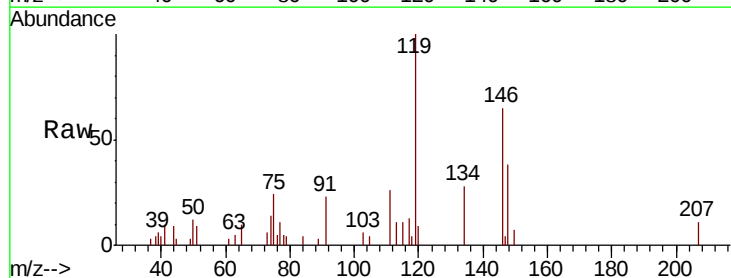
Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2020

Tot Ion:146 Resp: 5482
 Ion Ratio Lower Upper
 146 100
 111 40.8 19.2 57.6
 148 67.1 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 0.777 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.08 min
 Lab File: VN061550.D
 Acq: 28 May 2020 23:36

Tgt Ion:146 Resp: 5482
 Ion Ratio Lower Upper
 146 100
 111 40.8 18.9 56.9
 148 67.1 31.8 95.3

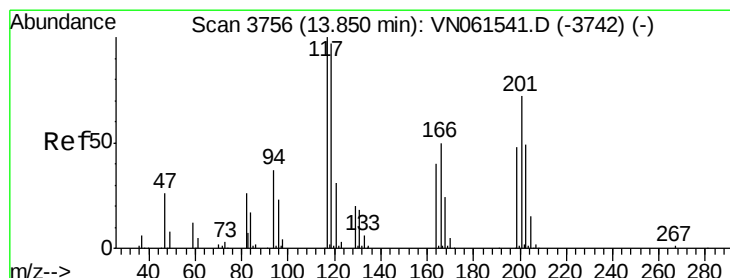
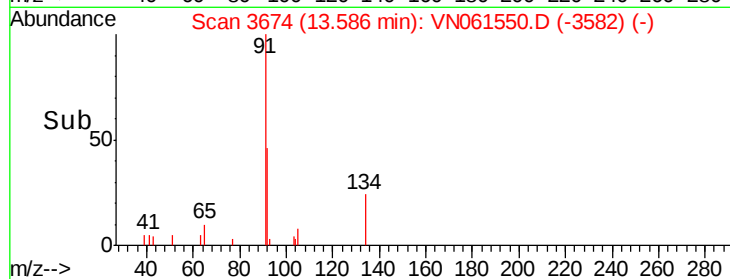
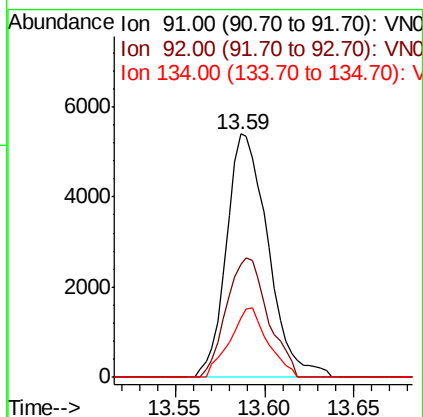
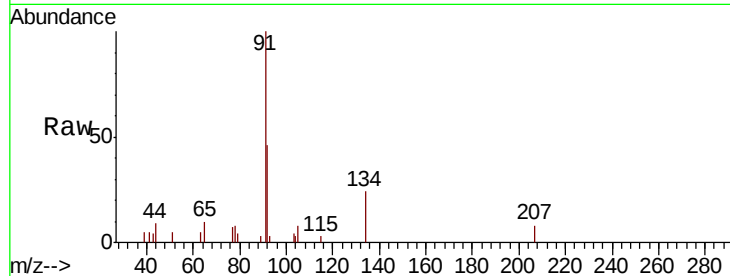




#89
n-Butylbenzene
Concen: 0.779 ug/l
RT: 13.59 min Scan# 3674
Delta R.T. -0.00 min
Lab File: VN061550.D
Acq: 28 May 2020 23:36

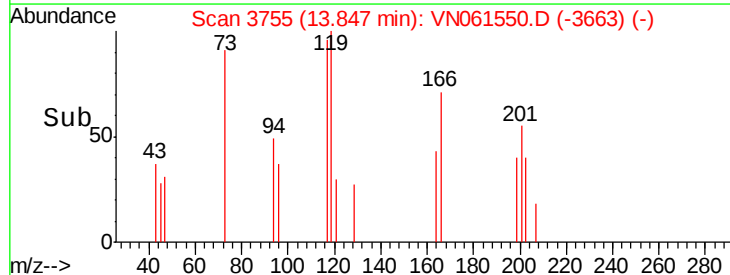
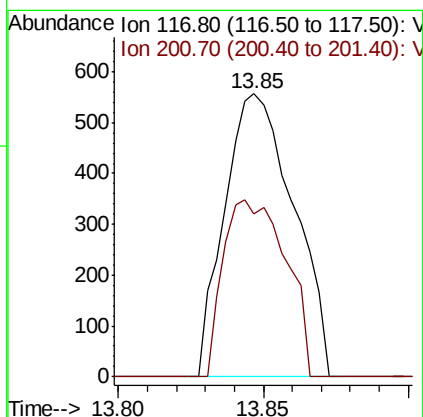
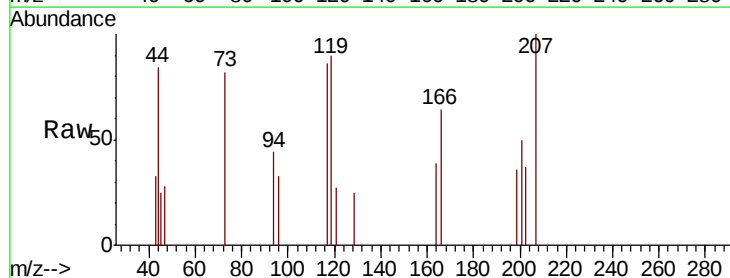
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

Tot Ion:	91	Resp:	8767
Ion	Ratio	Lower	Upper
91	100		
92	48.8	27.2	81.6
134	25.8	14.0	42.0



#90
Hexachloroethane
Concen: 0.620 ug/l
RT: 13.85 min Scan# 3755
Delta R.T. -0.00 min
Lab File: VN061550.D
Acq: 28 May 2020 23:36

Tgt Ion:	117	Resp:	921
Ion	Ratio	Lower	Upper
117	100		
201	56.4	36.7	110.1

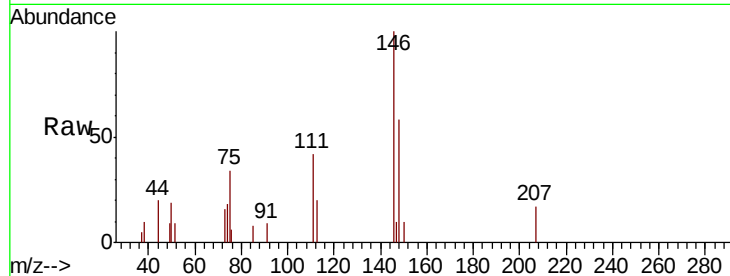




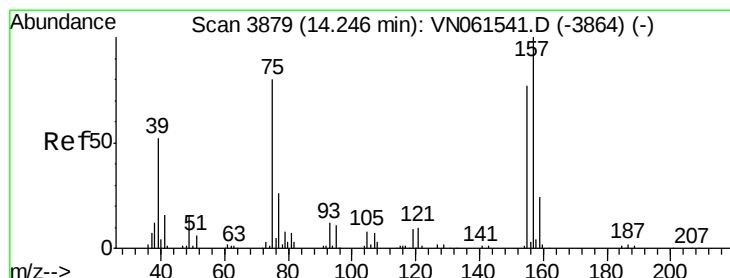
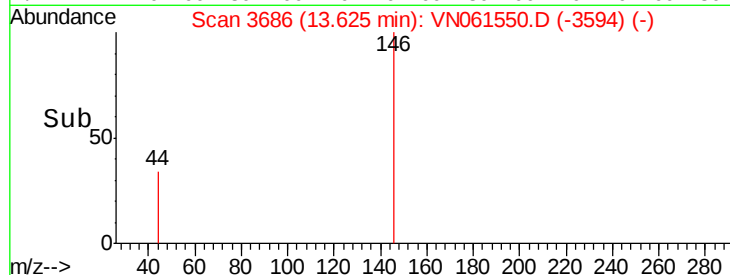
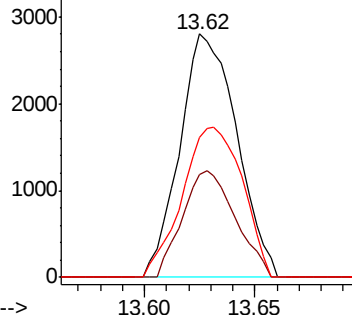
#91
 1,2-Dichlorobenzene
 Concen: 0.760 ug/l
 RT: 13.62 min Scan# 3686
 Delta R.T. -0.00 min
 Lab File: VN061550.D
 Acq: 28 May 2020 23:36

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

Tot Ion:146 Resp: 5031
 Ion Ratio Lower Upper
 146 100
 111 40.5 20.1 60.2
 148 65.0 31.9 95.5

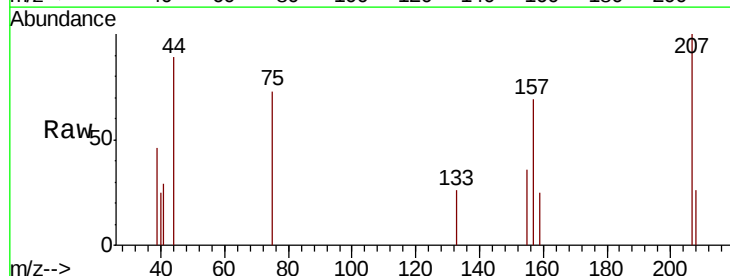


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

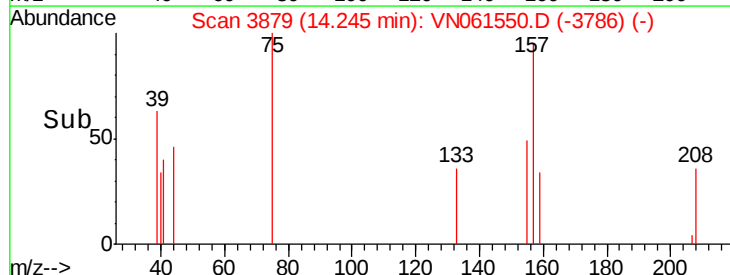
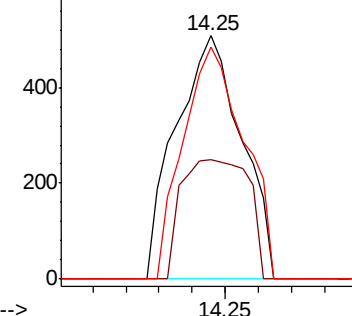


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.800 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. -0.00 min
 Lab File: VN061550.D
 Acq: 28 May 2020 23:36

Tgt Ion: 75 Resp: 701
 Ion Ratio Lower Upper
 75 100
 155 50.2 47.1 141.4
 157 88.7 60.3 180.8



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

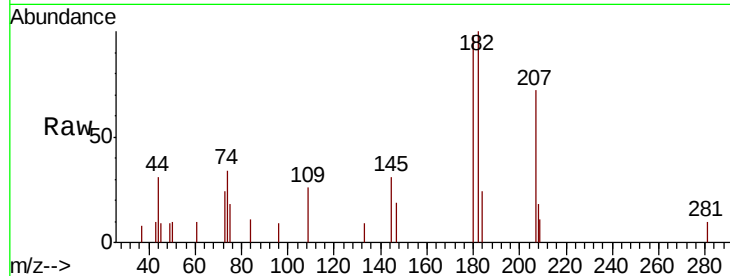




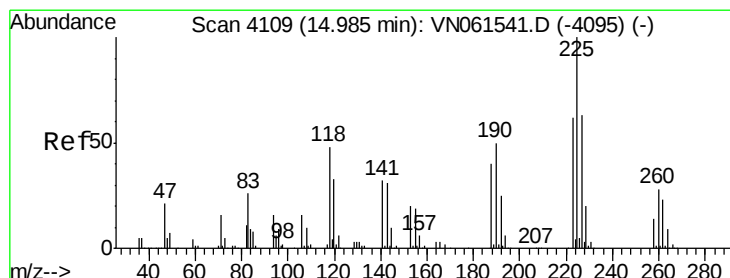
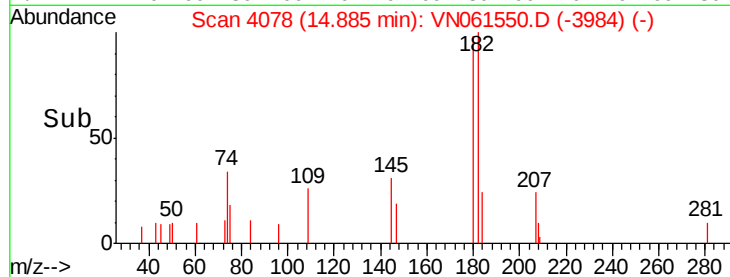
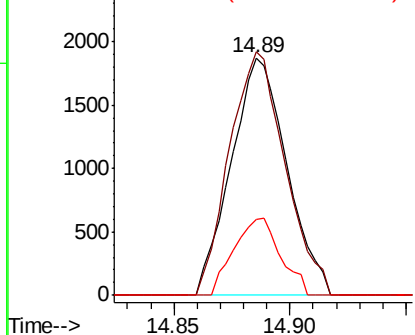
#93
 1,2,4-Trichlorobenzene
 Concen: 0.807 ug/l
 RT: 14.89 min Scan# 4078
 Delta R.T. 0.00 min
 Lab File: VN061550.D
 Acq: 28 May 2020 23:36

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

Tot Ion:180 Resp: 3125
 Ion Ratio Lower Upper
 180 100
 182 102.2 47.8 143.3
 145 27.1 15.5 46.5

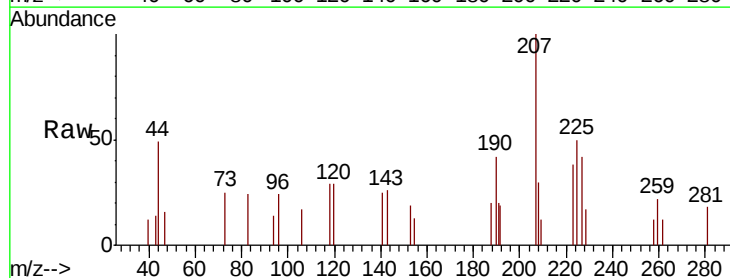


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

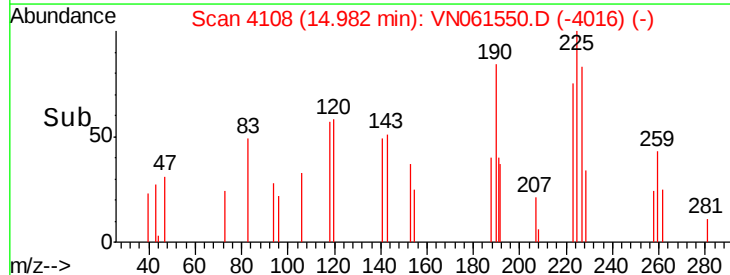
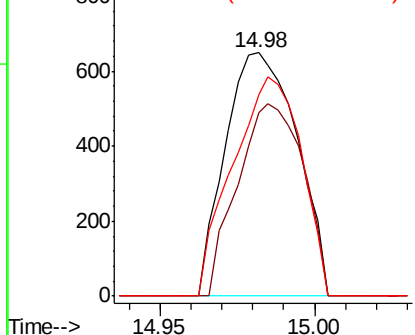


#94
 Hexachlorobutadiene
 Concen: 0.633 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. -0.00 min
 Lab File: VN061550.D
 Acq: 28 May 2020 23:36

Tgt Ion:225 Resp: 1045
 Ion Ratio Lower Upper
 225 100
 223 72.9 31.9 95.5
 227 86.4 31.9 95.9



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 0.768 ug/l

RT: 15.11 min Scan# 4147

Delta R.T. 0.00 min

Lab File: VN061550.D

Acq: 28 May 2020 23:36

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

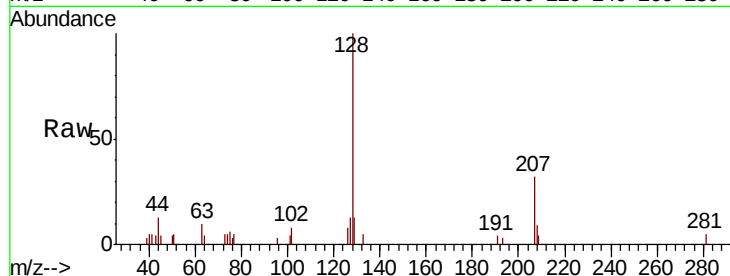
Tot Ion:128 Resp: 9054

Ion Ratio Lower Upper

128 100

127 11.3 10.0 15.0

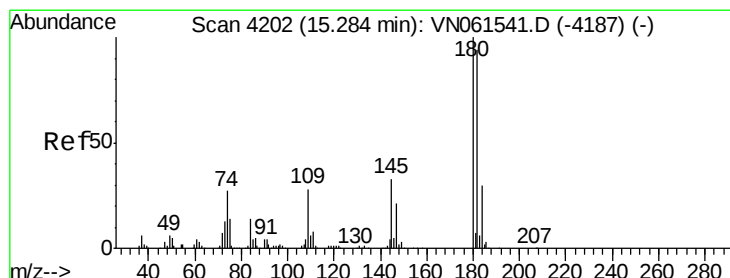
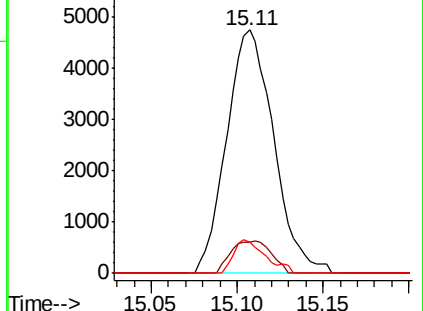
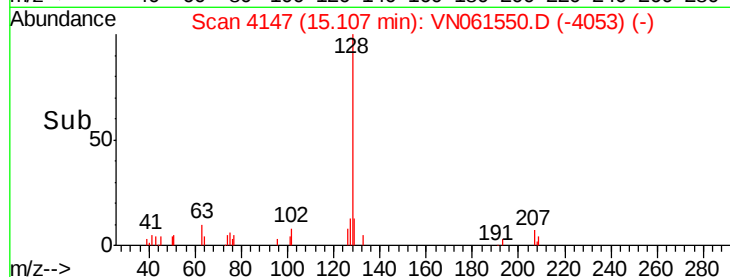
129 9.4 8.5 12.7



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: 0.781 ug/l

RT: 15.29 min Scan# 4204

Delta R.T. 0.01 min

Lab File: VN061550.D

Acq: 28 May 2020 23:36

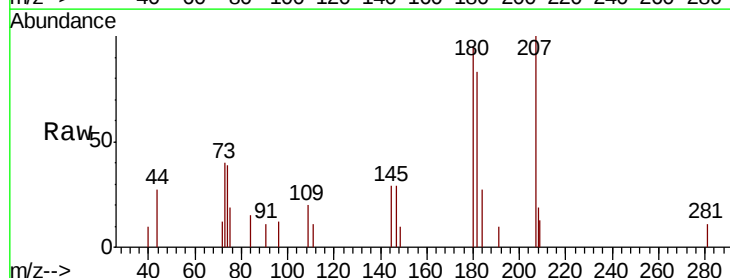
Tgt Ion:180 Resp: 2974

Ion Ratio Lower Upper

180 100

182 90.9 47.1 141.3

145 32.9 16.3 48.9



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

