

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070820\
 Data File : VN062407.D
 Acq On : 8 Jul 2020 15:01
 Operator : JC/MD
 Sample : L3216-07 .5PPB LOD
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Jul 09 03:32:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N070820W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 09 03:29:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	180161	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	320703	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	285095	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	104957	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	144556	52.17	ug/l	0.00
Spiked Amount			Recovery	=	104.34%	
35) Dibromofluoromethane	7.55	113	99891	50.39	ug/l	0.00
Spiked Amount			Recovery	=	100.78%	
50) Toluene-d8	10.06	98	379521	48.50	ug/l	0.00
Spiked Amount			Recovery	=	97.00%	
62) 4-Bromofluorobenzene	12.38	95	124961	43.70	ug/l	0.00
Spiked Amount			Recovery	=	87.40%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	998	0.544	ug/l	97
3) Chloromethane	2.04	50	1867	0.634	ug/l	95
4) Vinyl Chloride	2.16	62	1402	0.581	ug/l	93
5) Bromomethane	2.54	94	1076	0.830	ug/l	98
6) Chloroethane	2.67	64	848	0.604	ug/l	92
7) Trichlorofluoromethane	2.98	101	1743	0.569	ug/l	96
8) Diethyl Ether	3.37	74	679	0.496	ug/l	66
9) 1,1,2-Trichlorotrifluoroet	3.72	101	851	0.469	ug/l #	83
10) Methyl Iodide	3.91	142	439	0.183	ug/l #	39
11) Tert butyl alcohol	4.73	59	154	0.335	ug/l #	74
12) 1,1-Dichloroethene	3.70	96	1221	0.660	ug/l #	59
13) Acrolein	3.57	56	899	2.711	ug/l #	73
14) Allyl chloride	4.28	41	2602	0.598	ug/l #	86
15) Acrylonitrile	4.95	53	3027	2.511	ug/l #	80
16) Acetone	3.79	43	4170	3.544	ug/l	99
17) Carbon Disulfide	4.01	76	4352	0.751	ug/l #	94
18) Methyl Acetate	4.28	43	872	0.297	ug/l #	56
19) Methyl tert-butyl Ether	4.99	73	3753	0.535	ug/l	99
20) Methylene Chloride	4.51	84	1945	0.773	ug/l	92
21) trans-1,2-Dichloroethene	4.98	96	673	0.336	ug/l #	44
22) Diisopropyl ether	5.90	45	4667	0.543	ug/l #	77
23) Vinyl Acetate	5.85	43	18054	2.536	ug/l	96
24) 1,1-Dichloroethane	5.80	63	2321	0.523	ug/l #	85
25) 2-Butanone	6.79	43	2048	1.192	ug/l #	87
26) 2,2-Dichloropropane	6.77	77	793	0.233	ug/l #	54
27) cis-1,2-Dichloroethene	6.79	96	1063	0.458	ug/l	73
28) Bromochloromethane	7.16	49	1144	0.474	ug/l #	80
29) Tetrahydrofuran	7.17	42	1880	1.625	ug/l #	81
30) Chloroform	7.33	83	2310	0.576	ug/l #	79
31) Cyclohexane	7.63	56	6847	1.627	ug/l #	1
32) 1,1,1-Trichloroethane	7.53	97	1639	0.492	ug/l #	52
36) 1,1-Dichloropropene	7.75	75	1702	0.527	ug/l #	80
37) Ethyl Acetate	6.89	43	276	0.073	ug/l #	70
38) Carbon Tetrachloride	7.73	117	1500	0.516	ug/l #	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070820\
 Data File : VN062407.D
 Acq On : 8 Jul 2020 15:01
 Operator : JC/MD
 Sample : L3216-07 .5PPB LOD
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Jul 09 03:32:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N070820W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 09 03:29:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	1934	0.561	ug/l #	82
40) Benzene	8.00	78	4942	0.519	ug/l	95
41) Methacrylonitrile	7.12	41	599	0.379	ug/l #	39
42) 1,2-Dichloroethane	8.09	62	2346	0.673	ug/l #	78
43) Isopropyl Acetate	8.13	43	2913	0.488	ug/l #	80
44) Trichloroethene	8.80	130	1108	0.524	ug/l	85
45) 1,2-Dichloropropane	9.08	63	1468	0.531	ug/l	99
46) Dibromomethane	9.17	93	778	0.499	ug/l	87
47) Bromodichloromethane	9.37	83	1691	0.507	ug/l #	97
48) Methyl methacrylate	9.17	41	1527	0.522	ug/l	92
49) 1,4-Dioxane	9.17	88	464	10.889	ug/l #	51
51) 4-Methyl-2-Pentanone	9.95	43	8765	2.459	ug/l	96
52) Toluene	10.12	92	3078	0.560	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	1782	0.477	ug/l #	67
54) cis-1,3-Dichloropropene	9.81	75	1920	0.466	ug/l #	85
55) 1,1,2-Trichloroethane	10.53	97	1140	0.527	ug/l #	83
56) Ethyl methacrylate	10.40	69	1492	0.413	ug/l	95
57) 1,3-Dichloropropane	10.68	76	2095	0.524	ug/l	93
58) 2-Chloroethyl Vinyl ether	9.66	63	2423	1.888	ug/l #	88
59) 2-Hexanone	10.73	43	6383	2.466	ug/l	82
60) Dibromochloromethane	10.88	129	1010	0.431	ug/l	81
61) 1,2-Dibromoethane	10.98	107	995	0.456	ug/l	85
64) Tetrachloroethene	10.60	164	1065	0.630	ug/l	93
65) Chlorobenzene	11.41	112	3174	0.573	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.48	131	1070	0.524	ug/l #	59
67) Ethyl Benzene	11.48	91	5493	0.528	ug/l	97
68) m/p-Xylenes	11.60	106	3520	0.956	ug/l	92
69) o-Xylene	11.92	106	1749	0.488	ug/l	97
70) Styrene	11.94	104	2524	0.426	ug/l	96
71) Bromoform	12.10	173	771	0.515	ug/l #	75
73) Isopropylbenzene	12.22	105	4765	0.587	ug/l	95
74) N-amyl acetate	12.05	43	2055	0.520	ug/l #	68
75) 1,1,2,2-Tetrachloroethane	12.48	83	1648	0.603	ug/l #	96
76) 1,2,3-Trichloropropane	12.53	75	2270	0.881	ug/l #	100
77) Bromobenzene	12.51	156	1262	0.683	ug/l	87
78) n-propylbenzene	12.57	91	5634	0.594	ug/l	97
79) 2-Chlorotoluene	12.65	91	3661	0.636	ug/l	88
80) 1,3,5-Trimethylbenzene	12.71	105	3671	0.551	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.38	75	66265	68.871	ug/l #	10
82) 4-Chlorotoluene	12.75	91	3679	0.629	ug/l	85
83) tert-Butylbenzene	12.97	119	2950	0.522	ug/l	98
84) 1,2,4-Trimethylbenzene	13.02	105	3787	0.572	ug/l	94
85) sec-Butylbenzene	13.15	105	4015	0.536	ug/l	97
86) p-Isopropyltoluene	13.26	119	3548	0.549	ug/l	93
87) 1,3-Dichlorobenzene	13.26	146	1814	0.569	ug/l	98
88) 1,4-Dichlorobenzene	13.26	146	1814	0.553	ug/l	98
89) n-Butylbenzene	13.59	91	2704	0.474	ug/l	95
90) Hexachloroethane	13.85	117	587	0.462	ug/l	94
91) 1,2-Dichlorobenzene	13.63	146	1693	0.550	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	14.25	75	31	0.062	ug/l #	60

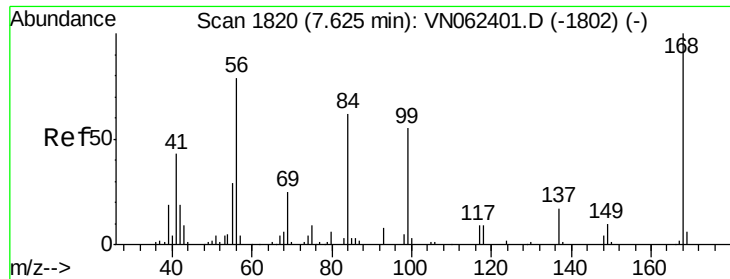
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070820\
Data File : VN062407.D
Acq On : 8 Jul 2020 15:01
Operator : JC/MD
Sample : L3216-07 .5PPB LOD
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Jul 09 03:32:52 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N070820W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 09 03:29:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	603	0.434	ug/l #	86
94) Hexachlorobutadiene	14.98	225	506	0.619	ug/l	76
95) Naphthalene	15.11	128	1893	0.483	ug/l #	74
96) 1,2,3-Trichlorobenzene	15.29	180	815	0.564	ug/l #	78

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062407.D

Acq: 8 Jul 2020 15:01

Instrument :

MSVOA_N

ClientSampleId :

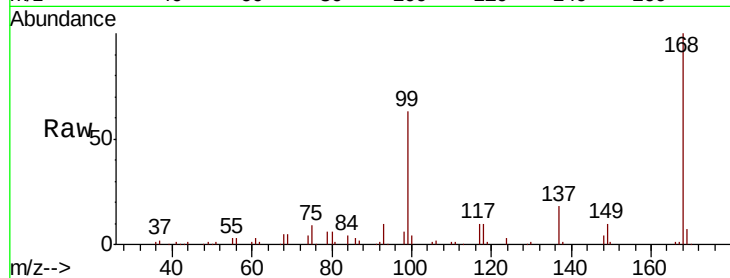
LOD-MDL-WATER-01-QT3-2020

Tot Ion:168 Resp: 180161

Ion Ratio Lower Upper

168 100

99 62.8 48.8 73.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.63

80000

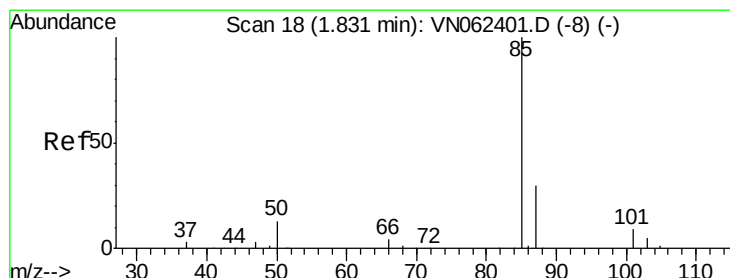
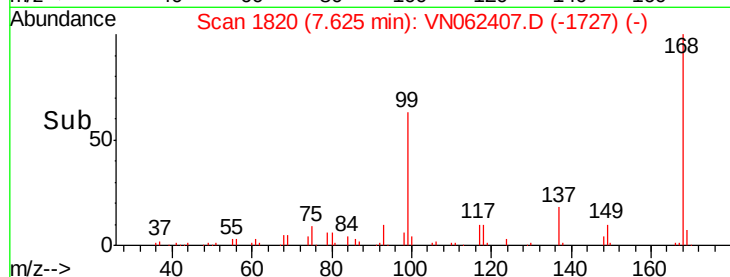
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 0.544 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN062407.D

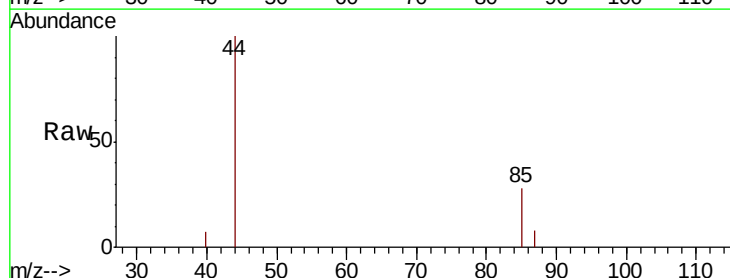
Acq: 8 Jul 2020 15:01

Tgt Ion: 85 Resp: 998

Ion Ratio Lower Upper

85 100

87 28.4 15.2 45.5



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0

1.83

800

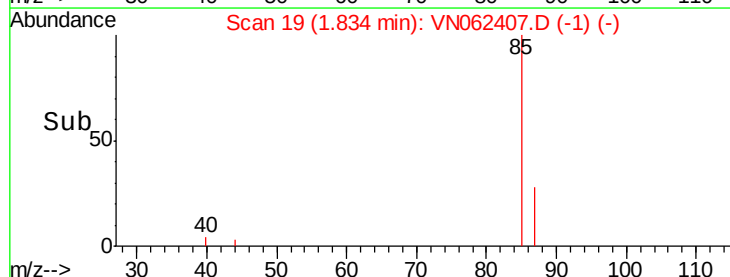
600

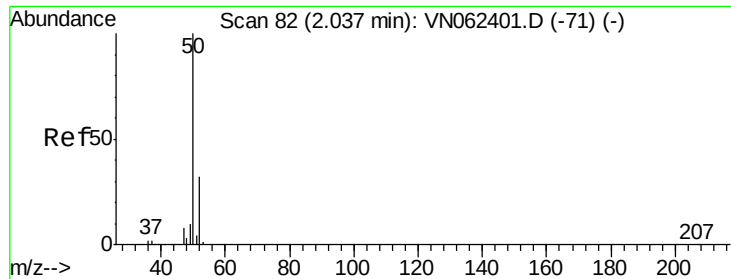
400

200

0

Time--> 1.80 1.82 1.84 1.86





#3

Chloromethane

Concen: 0.634 ug/l

RT: 2.04 min Scan# 82

Delta R.T. -0.00 min

Lab File: VN062407.D

Acq: 8 Jul 2020 15:01

Instrument :

MSVOA_N

ClientSampleId :

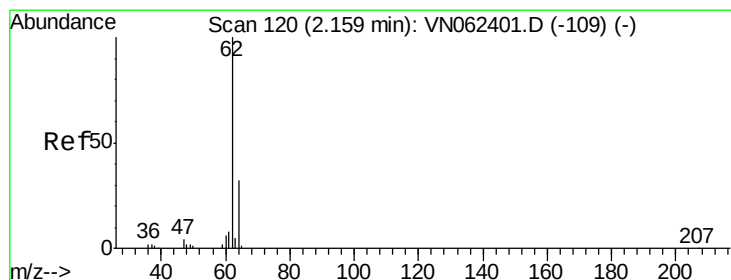
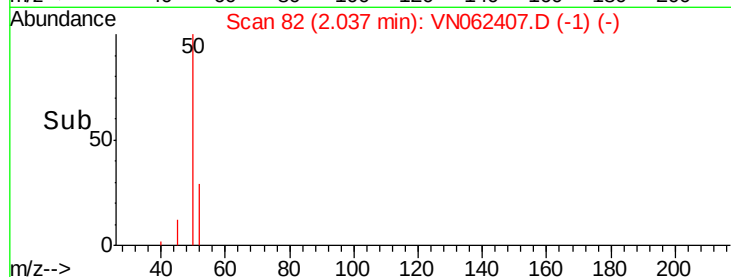
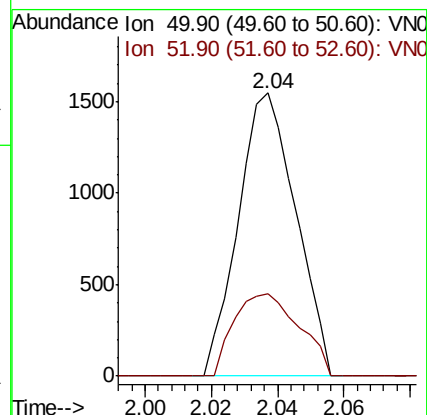
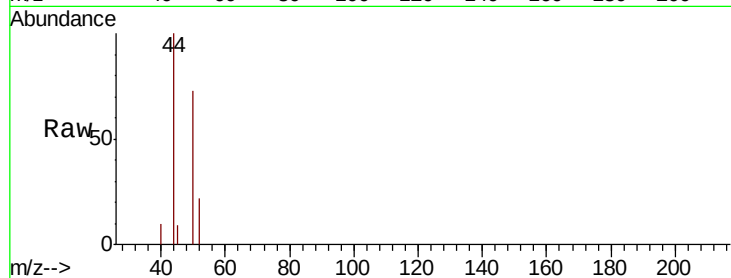
LOD-MDL-WATER-01-QT3-2020

Tot Ion: 50 Resp: 1867

Ion Ratio Lower Upper

50 100

52 29.3 25.5 38.3



#4

Vinyl Chloride

Concen: 0.581 ug/l

RT: 2.16 min Scan# 120

Delta R.T. -0.00 min

Lab File: VN062407.D

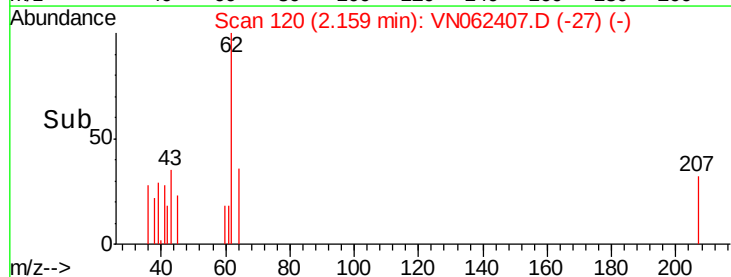
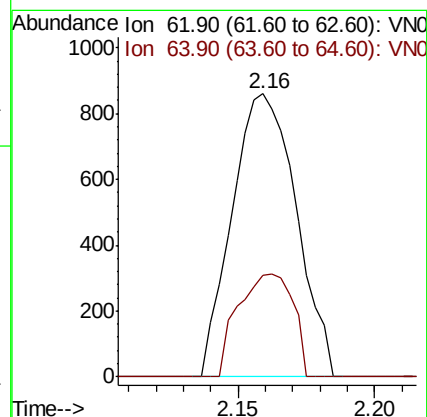
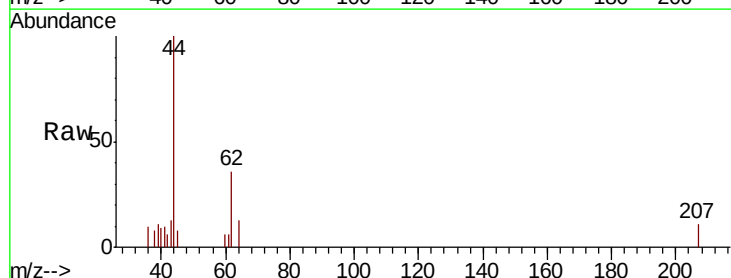
Acq: 8 Jul 2020 15:01

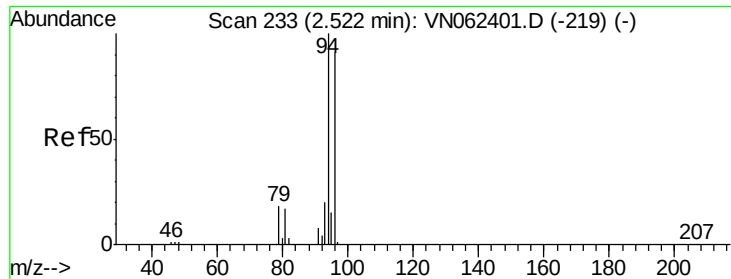
Tgt Ion: 62 Resp: 1402

Ion Ratio Lower Upper

62 100

64 36.0 25.7 38.5





#5

Bromomethane

Concen: 0.830 ug/l

RT: 2.54 min Scan# 237

Delta R.T. 0.01 min

Lab File: VN062407.D

Acq: 8 Jul 2020 15:01

Instrument :

MSVOA_N

ClientSampleId :

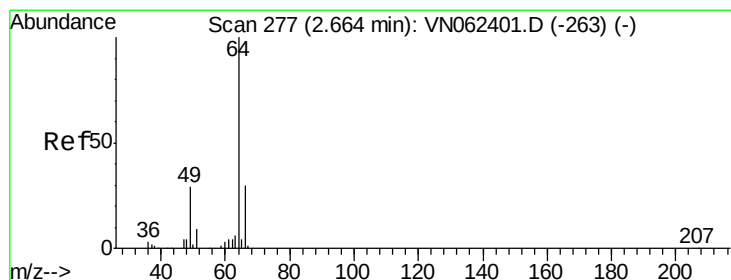
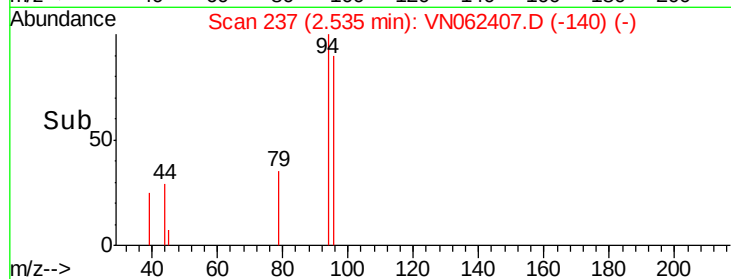
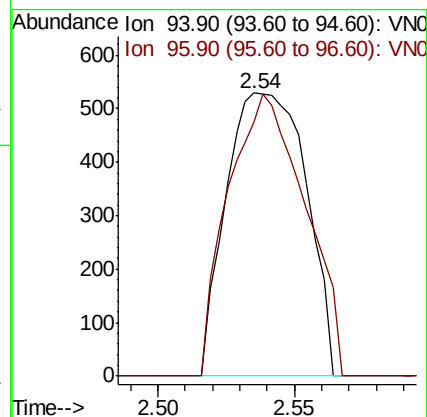
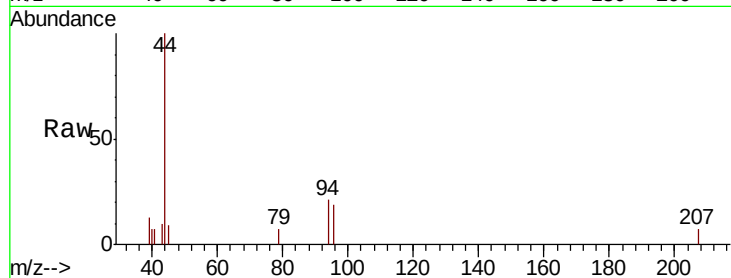
LOD-MDL-WATER-01-QT3-2020

Tot Ion: 94 Resp: 1076

Ion Ratio Lower Upper

94 100

96 89.8 73.2 109.8



#6

Chloroethane

Concen: 0.604 ug/l

RT: 2.67 min Scan# 280

Delta R.T. 0.01 min

Lab File: VN062407.D

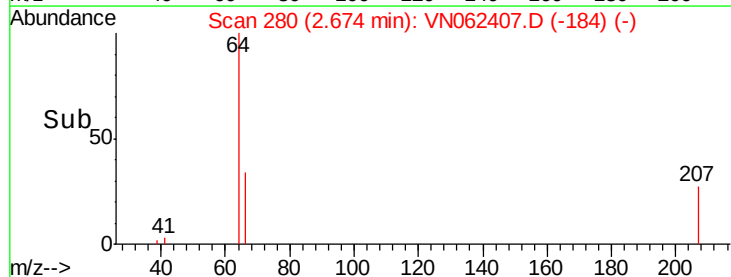
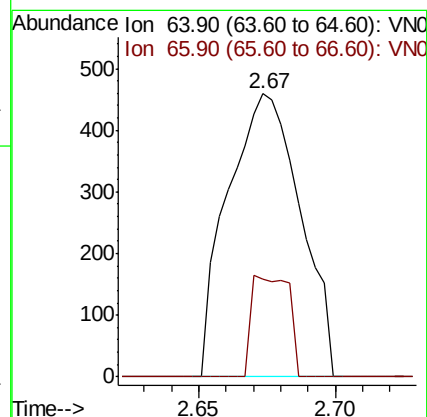
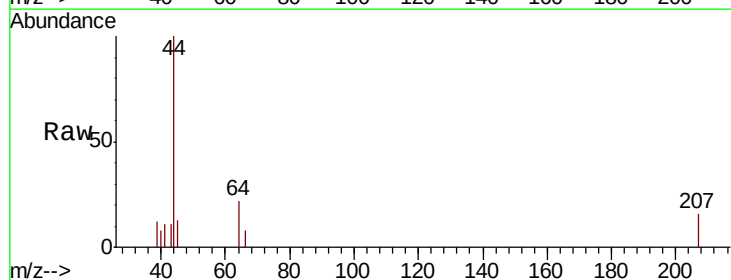
Acq: 8 Jul 2020 15:01

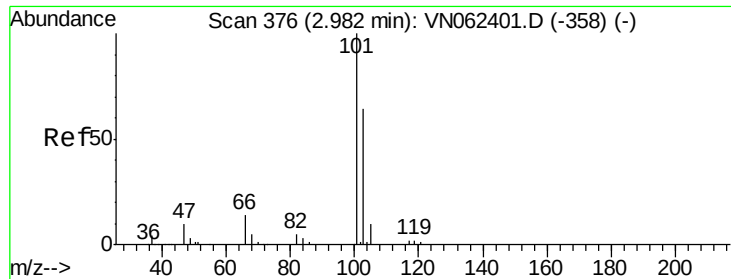
Tgt Ion: 64 Resp: 848

Ion Ratio Lower Upper

64 100

66 34.4 24.2 36.2



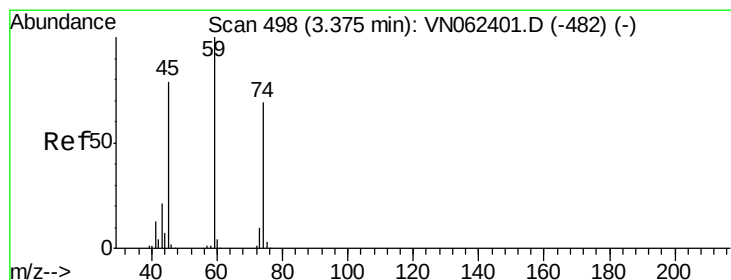
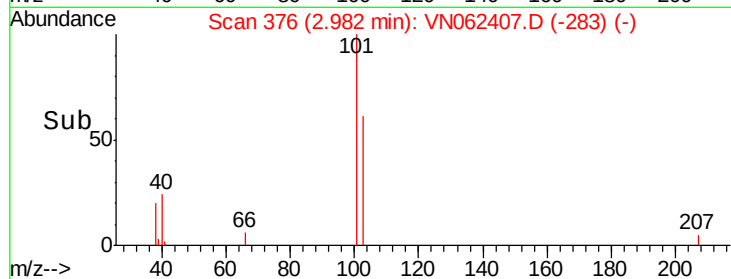
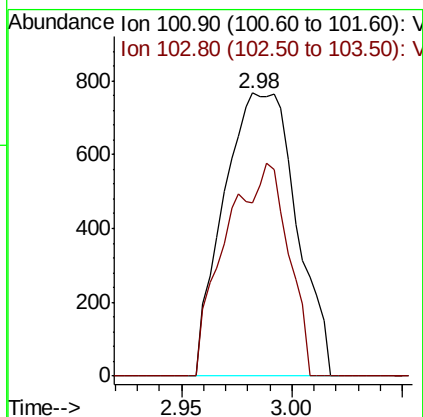
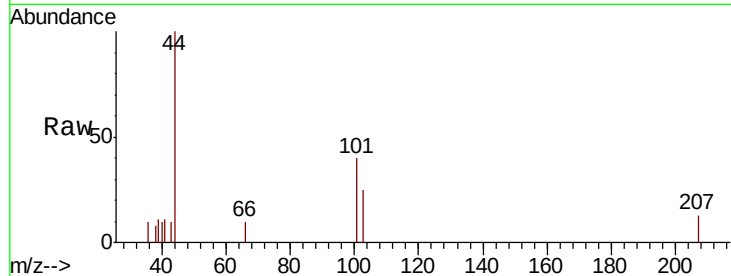


#7

Trichlorofluoromethane
 Concen: 0.569 ug/l
 RT: 2.98 min Scan# 376
 Delta R.T. -0.00 min
 Lab File: VN062407.D
 Acq: 8 Jul 2020 15:01

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

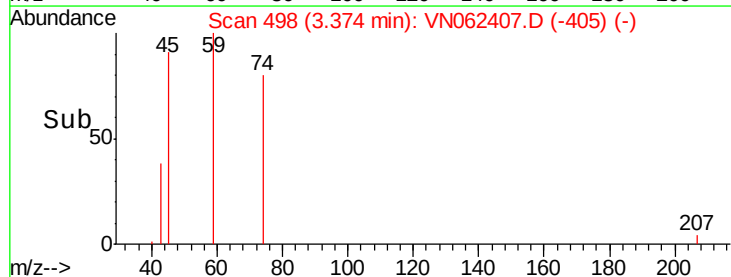
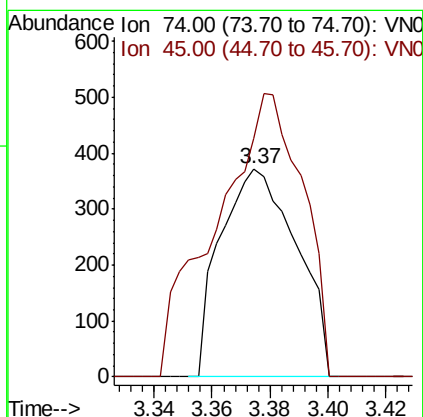
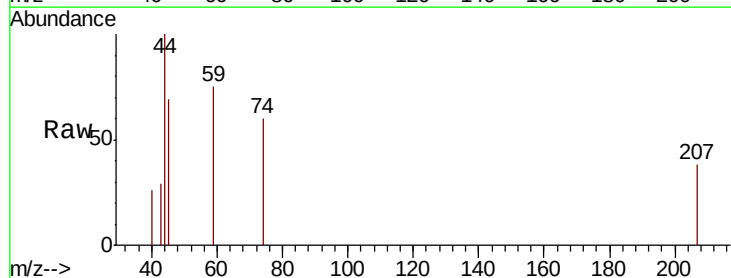
Tot Ion:101 Resp: 1743
 Ion Ratio Lower Upper
 101 100
 103 61.4 51.6 77.4

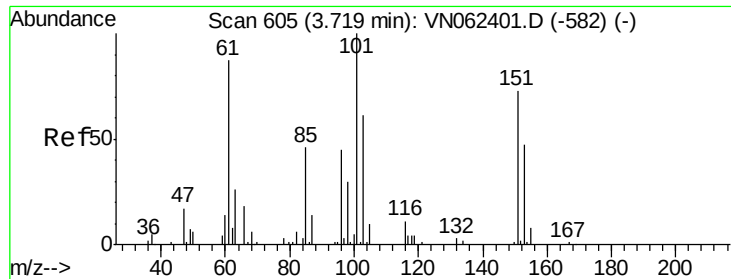


#8

Diethyl Ether
 Concen: 0.496 ug/l
 RT: 3.37 min Scan# 498
 Delta R.T. -0.00 min
 Lab File: VN062407.D
 Acq: 8 Jul 2020 15:01

Tgt Ion: 74 Resp: 679
 Ion Ratio Lower Upper
 74 100
 45 154.6 58.5 175.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.469 ug/l

RT: 3.72 min Scan# 606

Delta R.T. 0.00 min

Lab File: VN062407.D

Acq: 8 Jul 2020 15:01

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

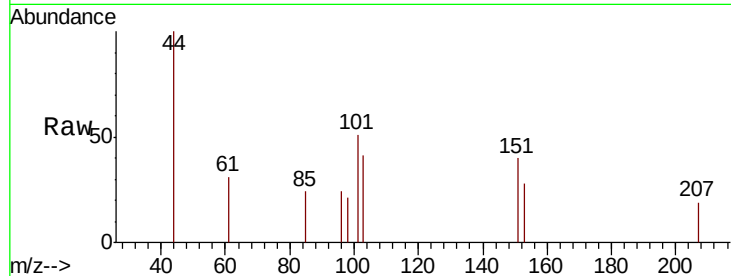
Tot Ion:101 Resp: 851

Ion Ratio Lower Upper

101 100

85 33.0 36.7 55.1#

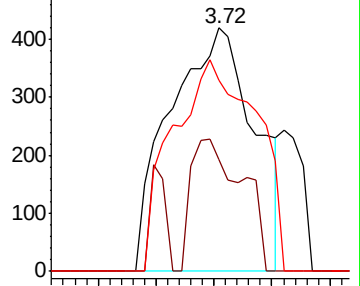
151 86.3 58.3 87.5



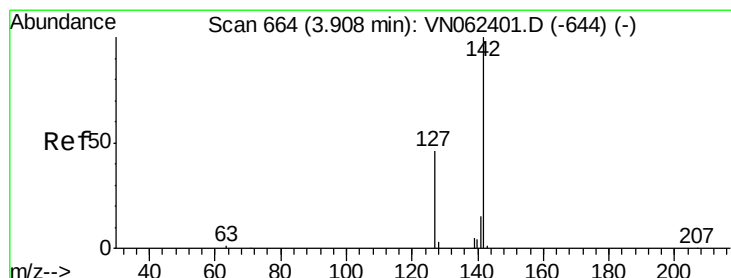
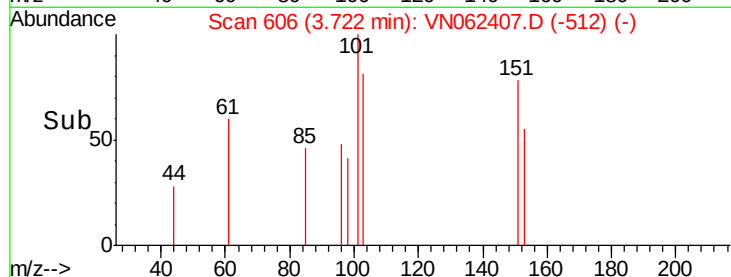
Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



Time-->



#10

Methyl Iodide

Concen: 0.183 ug/l

RT: 3.91 min Scan# 665

Delta R.T. 0.00 min

Lab File: VN062407.D

Acq: 8 Jul 2020 15:01

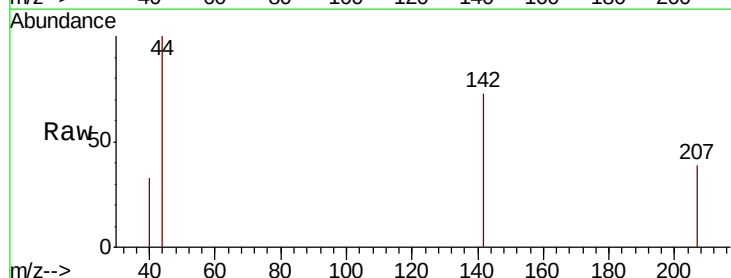
Tgt Ion:142 Resp: 439

Ion Ratio Lower Upper

142 100

127 0.0 36.1 54.1#

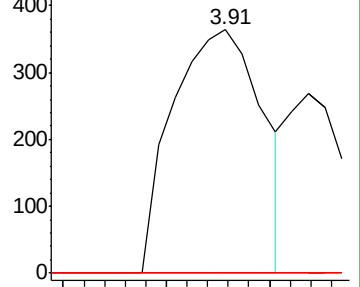
141 0.0 11.4 17.0#



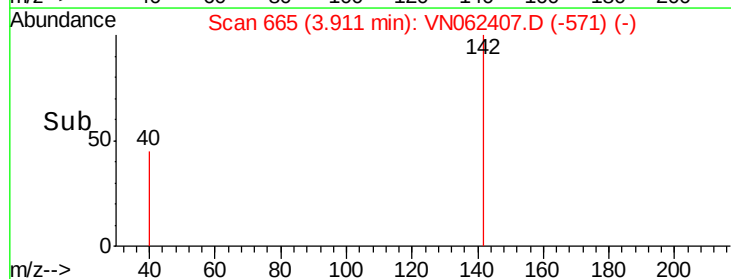
Abundance Ion 141.80 (141.50 to 142.50): V

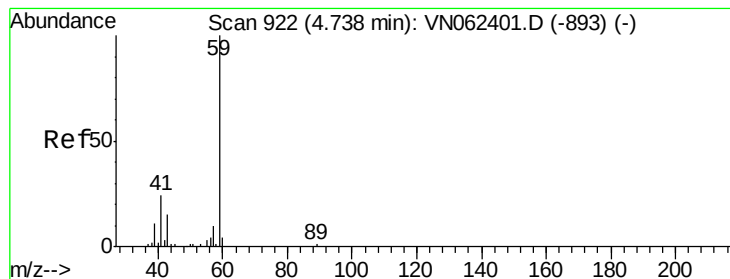
Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



Time-->



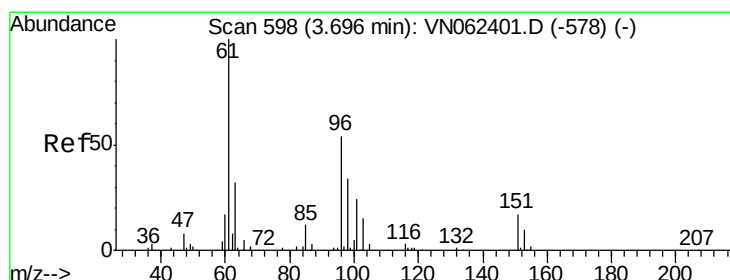
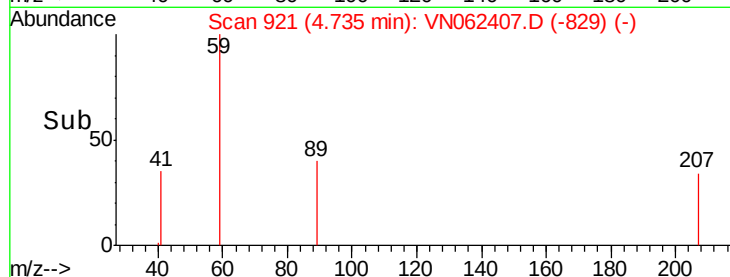
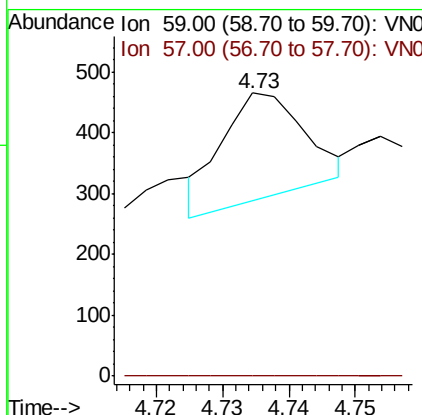
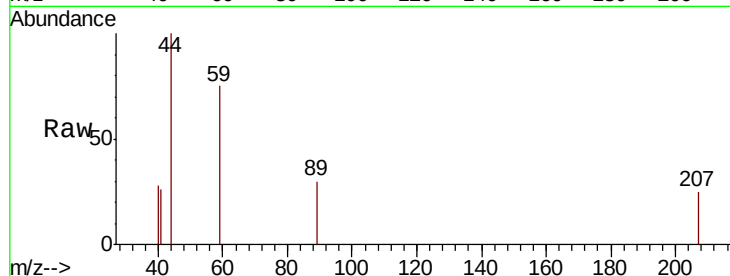


#11

Tert butyl alcohol
 Concen: 0.335 ug/l
 RT: 4.73 min Scan# 921
 Delta R.T. -0.00 min
 Lab File: VN062407.D
 Acq: 8 Jul 2020 15:01

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

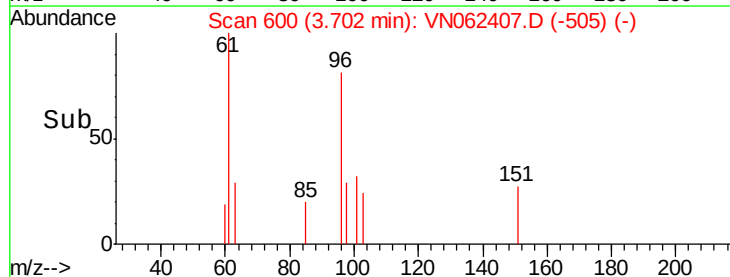
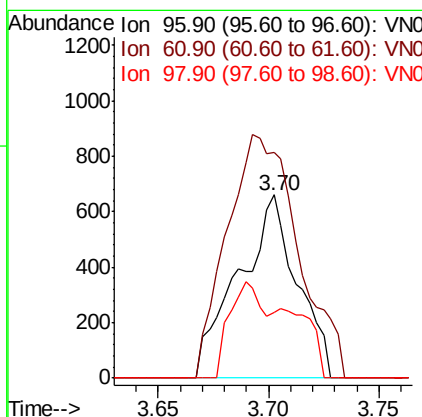
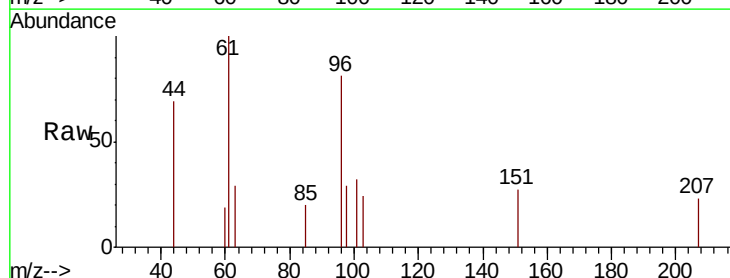
Tot Ion: 59 Resp: 154
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.8 11.6#

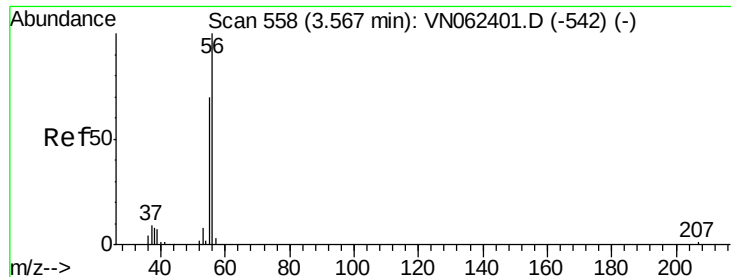


#12

1,1-Dichloroethene
 Concen: 0.660 ug/l
 RT: 3.70 min Scan# 600
 Delta R.T. 0.01 min
 Lab File: VN062407.D
 Acq: 8 Jul 2020 15:01

Tgt Ion: 96 Resp: 1221
 Ion Ratio Lower Upper
 96 100
 61 123.2 147.4 221.0#
 98 35.8 50.4 75.6#





#13

Acrolein

Concen: 2.711 ug/l

RT: 3.57 min Scan# 558

Delta R.T. -0.00 min

Lab File: VN062407.D

Acq: 8 Jul 2020 15:01

Instrument :

MSVOA_N

ClientSampleId :

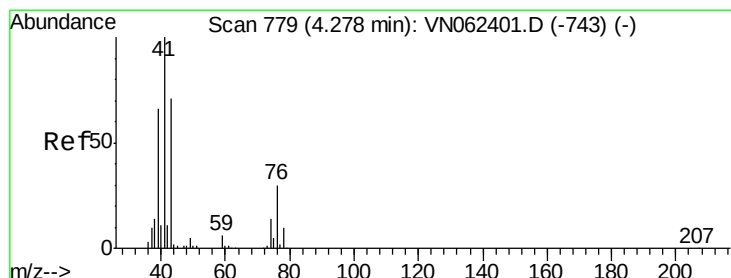
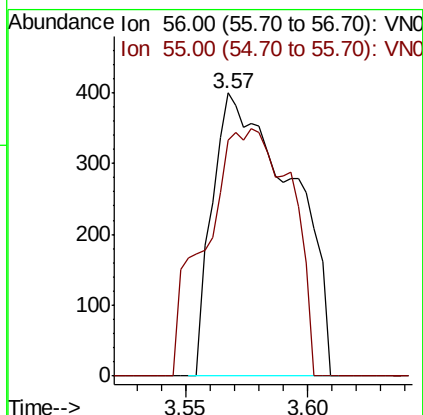
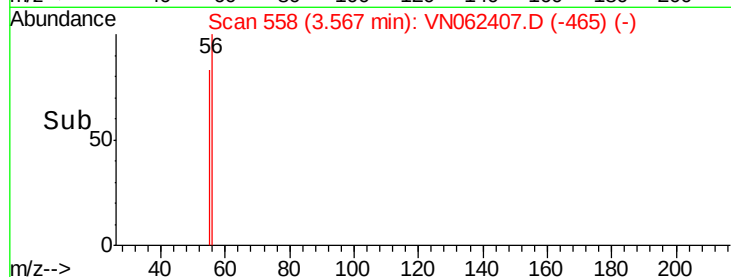
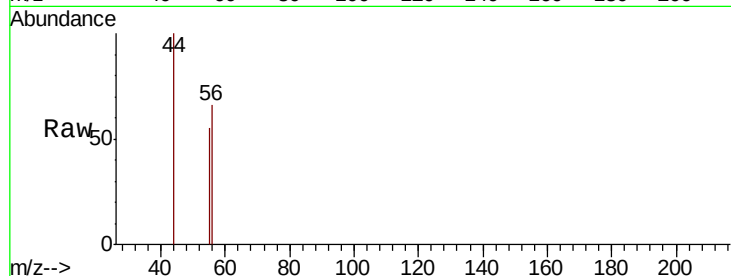
LOD-MDL-WATER-01-QT3-2020

Tot Ion: 56 Resp: 899

Ion Ratio Lower Upper

56 100

55 94.1 57.2 85.8#



#14

Allyl chloride

Concen: 0.598 ug/l

RT: 4.28 min Scan# 779

Delta R.T. -0.00 min

Lab File: VN062407.D

Acq: 8 Jul 2020 15:01

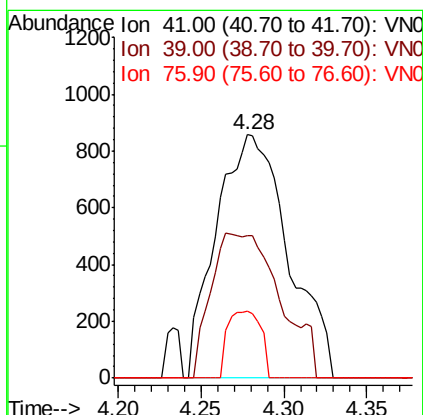
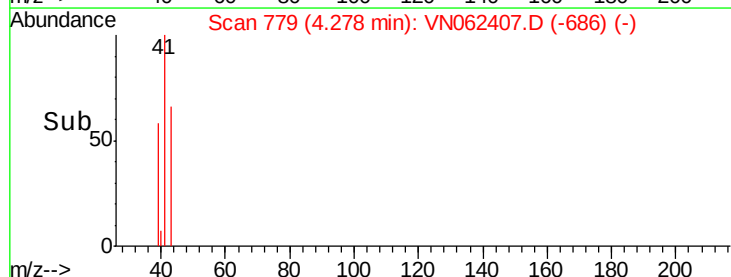
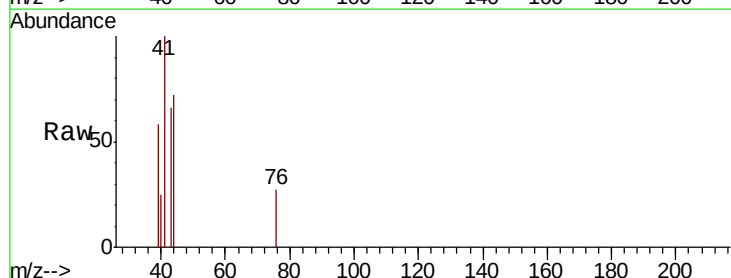
Tgt Ion: 41 Resp: 2602

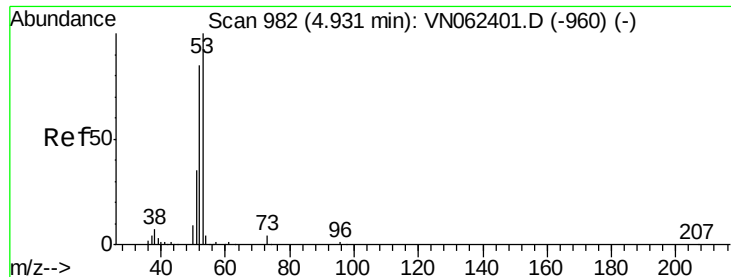
Ion Ratio Lower Upper

41 100

39 56.5 49.6 74.4

76 12.4 22.2 33.4#





#15

Acrylonitrile

Concen: 2.511 ug/l

RT: 4.95 min Scan# 988

Delta R.T. 0.02 min

Lab File: VN062407.D

Acq: 8 Jul 2020 15:01

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

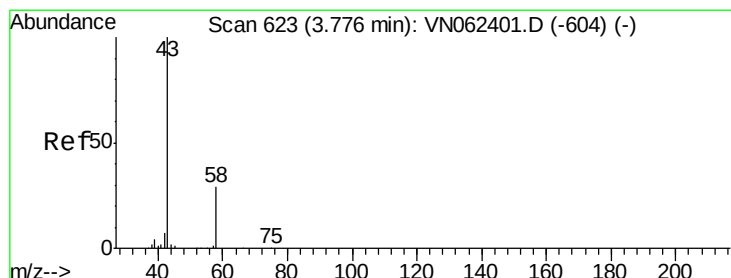
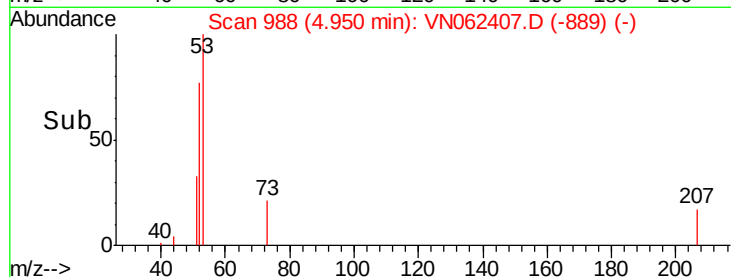
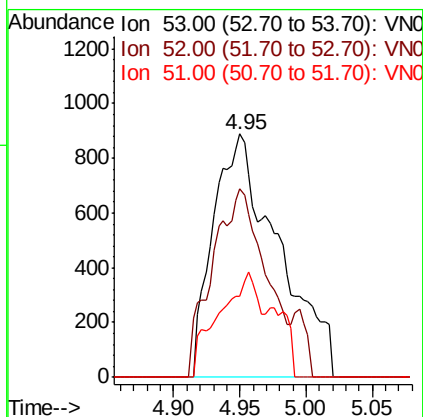
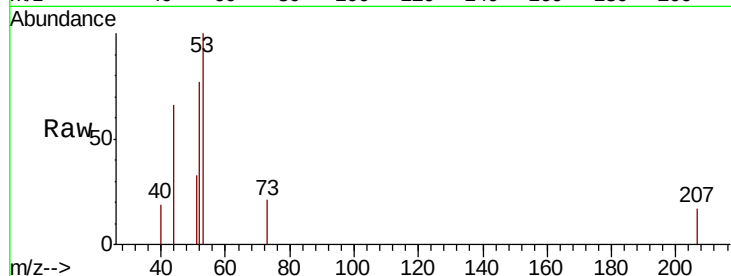
Tot Ion: 53 Resp: 3027

Ion Ratio Lower Upper

53 100

52 63.1 66.2 99.4#

51 27.6 28.7 43.1#



#16

Acetone

Concen: 3.544 ug/l

RT: 3.79 min Scan# 628

Delta R.T. 0.02 min

Lab File: VN062407.D

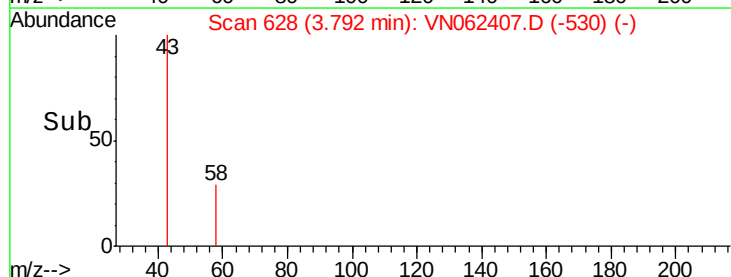
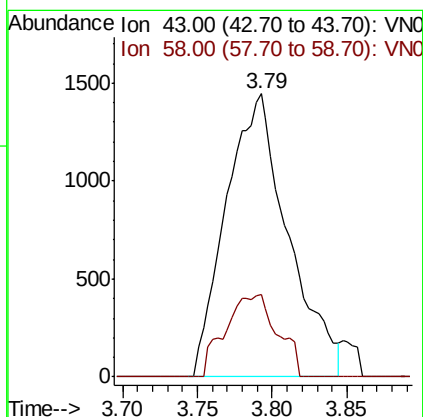
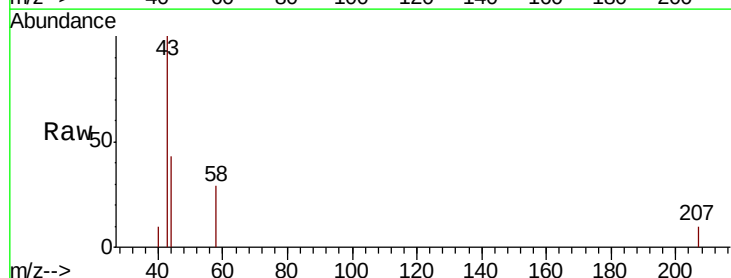
Acq: 8 Jul 2020 15:01

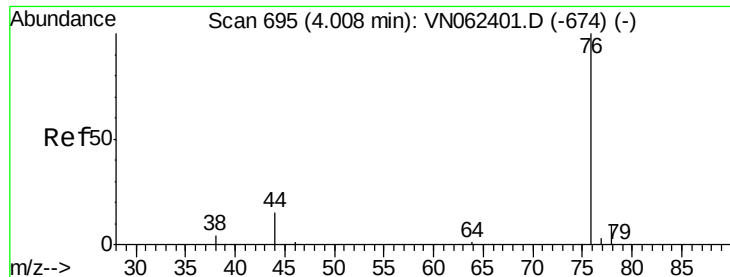
Tgt Ion: 43 Resp: 4170

Ion Ratio Lower Upper

43 100

58 28.9 23.5 35.3

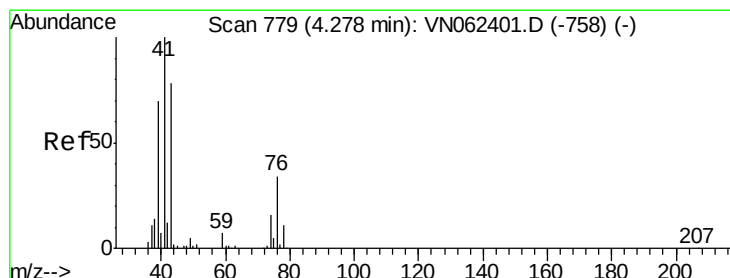
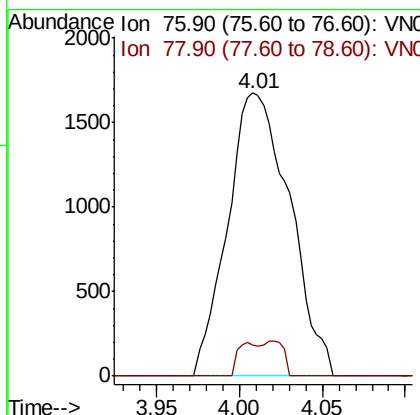
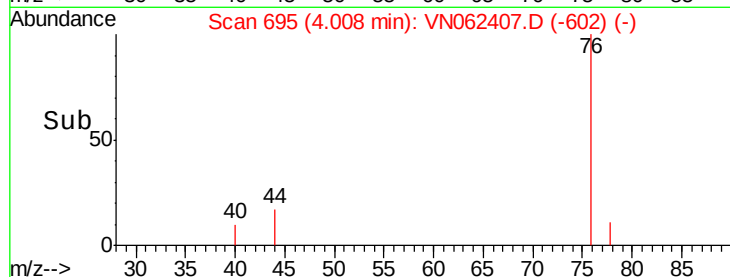
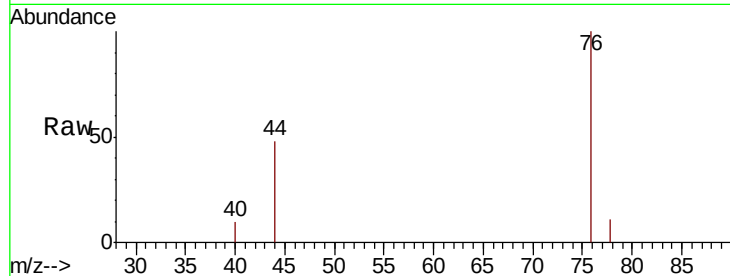




#17
Carbon Disulfide
Concen: 0.751 ug/l
RT: 4.01 min Scan# 695
Delta R.T. -0.00 min
Lab File: VN062407.D
Acq: 8 Jul 2020 15:01

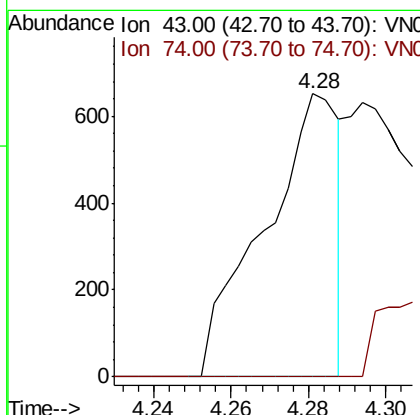
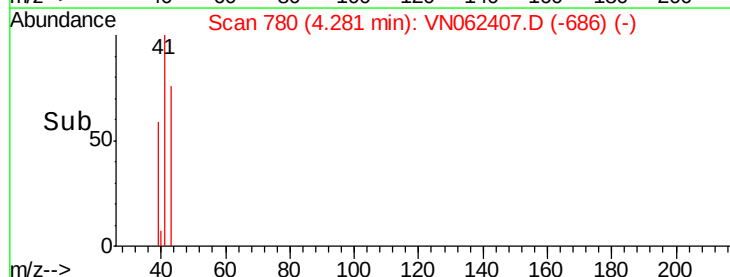
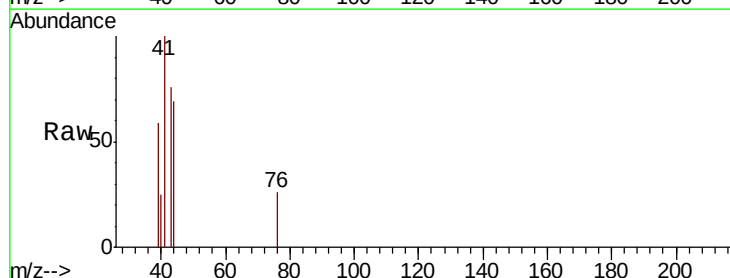
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

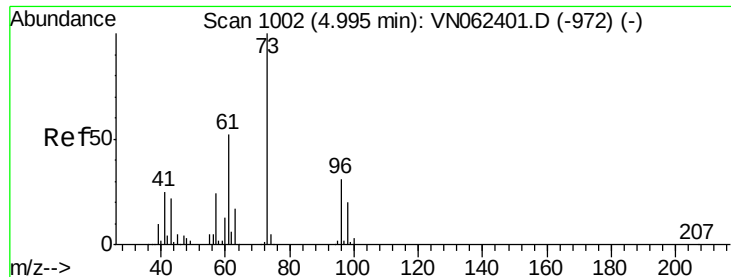
Tot Ion: 76 Resp: 4352
Ion Ratio Lower Upper
76 100
78 11.1 7.3 10.9#



#18
Methyl Acetate
Concen: 0.297 ug/l
RT: 4.28 min Scan# 780
Delta R.T. 0.00 min
Lab File: VN062407.D
Acq: 8 Jul 2020 15:01

Tgt Ion: 43 Resp: 872
Ion Ratio Lower Upper
43 100
74 0.0 16.0 24.0#

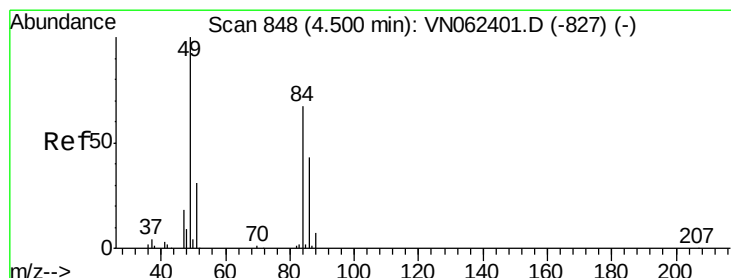
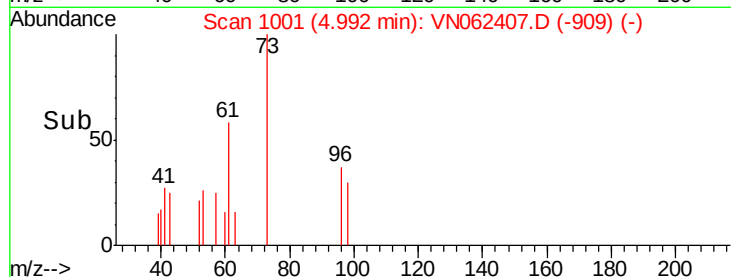
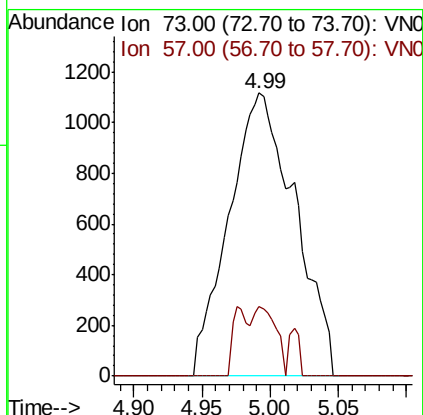
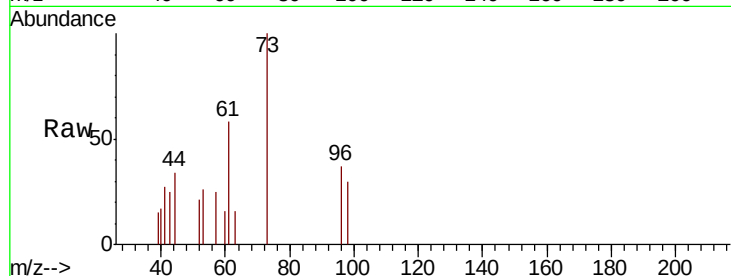




#19
Methyl tert-butyl Ether
Concen: 0.535 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VN062407.D
Acq: 8 Jul 2020 15:01

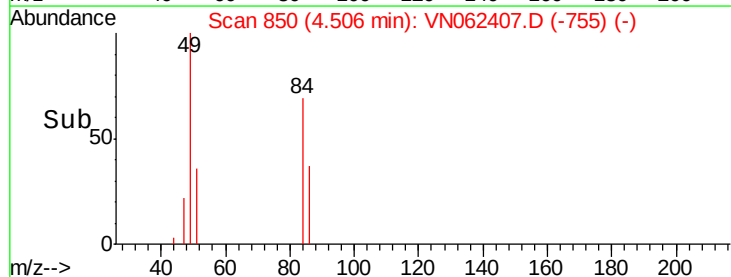
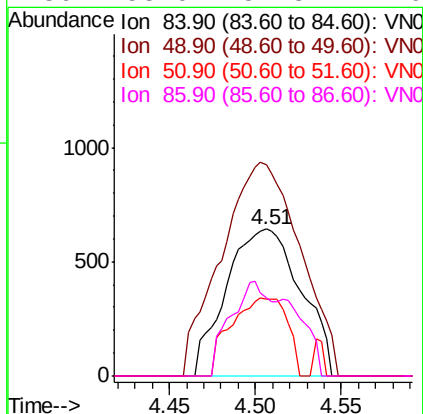
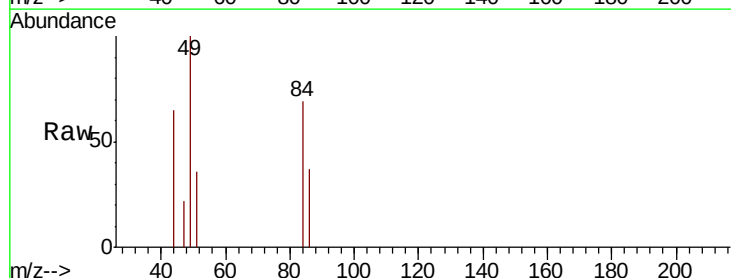
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

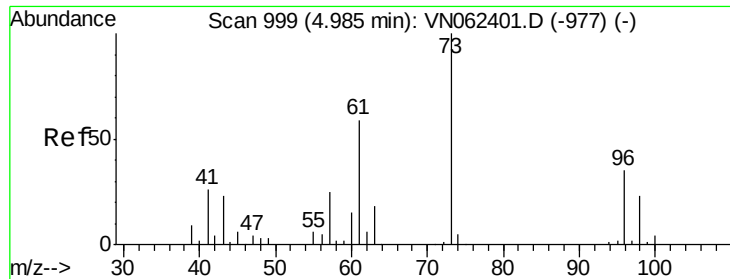
Tot Ion: 73 Resp: 3753
Ion Ratio Lower Upper
73 100
57 24.7 19.4 29.0



#20
Methylene Chloride
Concen: 0.773 ug/l
RT: 4.51 min Scan# 850
Delta R.T. 0.01 min
Lab File: VN062407.D
Acq: 8 Jul 2020 15:01

Tgt Ion: 84 Resp: 1945
Ion Ratio Lower Upper
84 100
49 144.2 120.0 180.0
51 52.0 37.0 55.6
86 53.0 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 0.336 ug/l

RT: 4.98 min Scan# 998

Delta R.T. -0.00 min

Lab File: VN062407.D

Acq: 8 Jul 2020 15:01

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

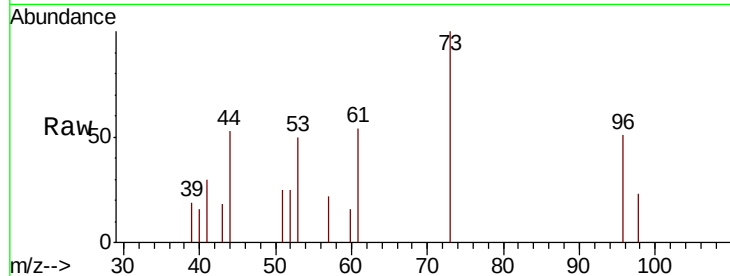
Tot Ion: 96 Resp: 673

Ion Ratio Lower Upper

96 100

61 74.7 133.5 200.3#

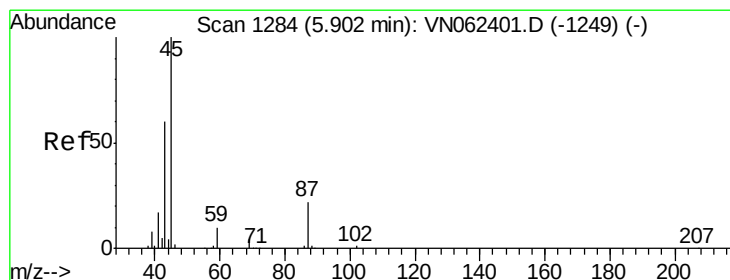
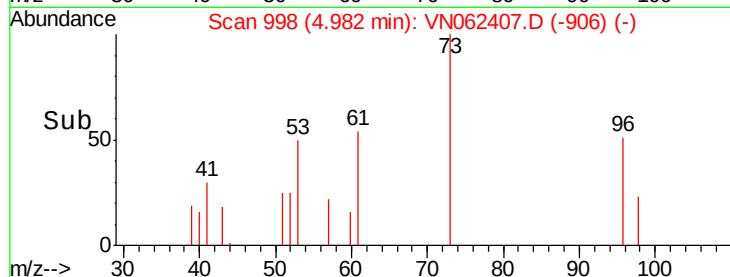
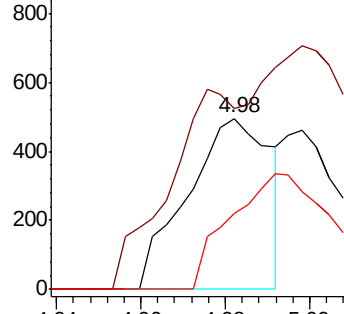
98 44.4 51.9 77.9#



Abundance Ion 95.90 (95.60 to 96.60): VN062407.D (-906) (-)

Ion 60.90 (60.60 to 61.60): VN062407.D (-906) (-)

Ion 97.90 (97.60 to 98.60): VN062407.D (-906) (-)



#22

Diisopropyl ether

Concen: 0.543 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VN062407.D

Acq: 8 Jul 2020 15:01

Tgt Ion: 45 Resp: 4667

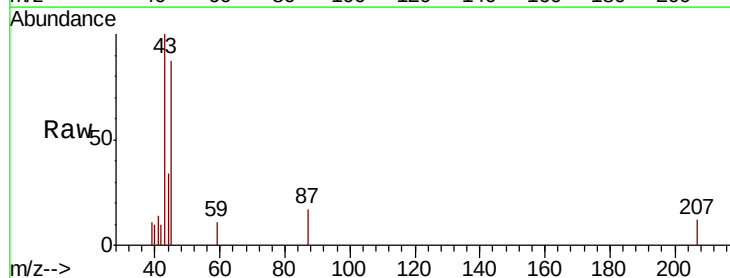
Ion Ratio Lower Upper

45 100

43 87.2 50.1 75.1#

87 19.3 18.2 27.4

59 12.5 8.2 12.2#

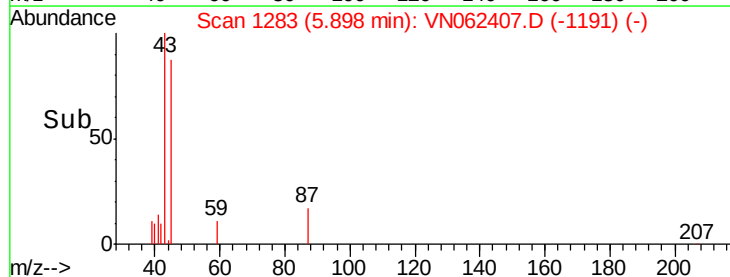
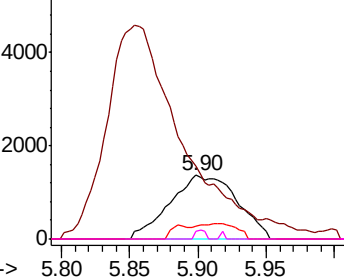


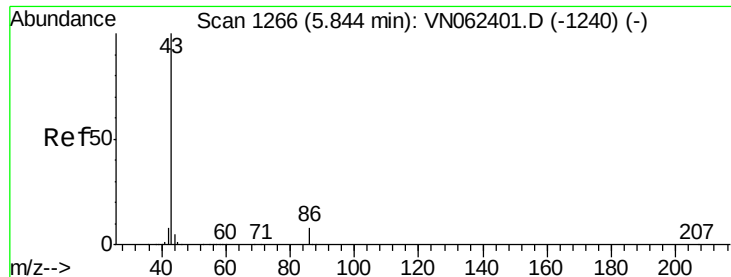
Abundance Ion 45.00 (44.70 to 45.70): VN062407.D (-1191) (-)

Ion 43.00 (42.70 to 43.70): VN062407.D (-1191) (-)

Ion 87.00 (86.70 to 87.70): VN062407.D (-1191) (-)

Ion 59.00 (58.70 to 59.70): VN062407.D (-1191) (-)





#23

Vinyl Acetate

Concen: 2.536 ug/l

RT: 5.85 min Scan# 1269

Delta R.T. 0.01 min

Lab File: VN062407.D

Acq: 8 Jul 2020 15:01

Instrument :

MSVOA_N

ClientSampleId :

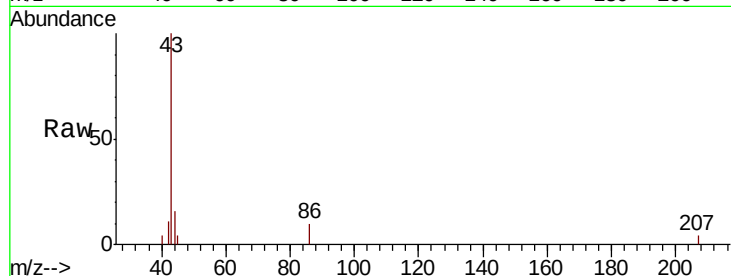
LOD-MDL-WATER-01-QT3-2020

Tot Ion: 43 Resp: 18054

Ion Ratio Lower Upper

43 100

86 9.7 6.7 10.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

5.85

5000

4000

3000

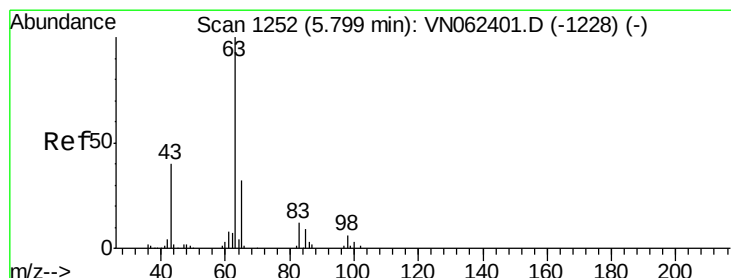
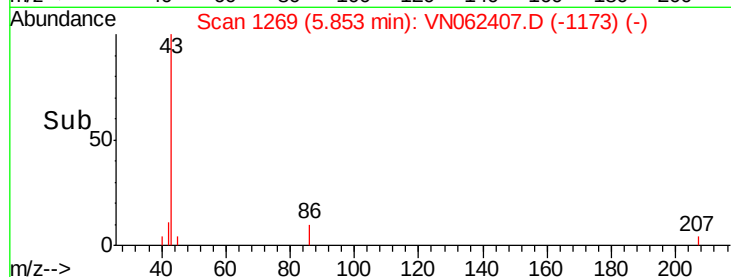
2000

1000

0

Time-->

5.80 5.90 6.00



#24

1,1-Dichloroethane

Concen: 0.523 ug/l

RT: 5.80 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VN062407.D

Acq: 8 Jul 2020 15:01

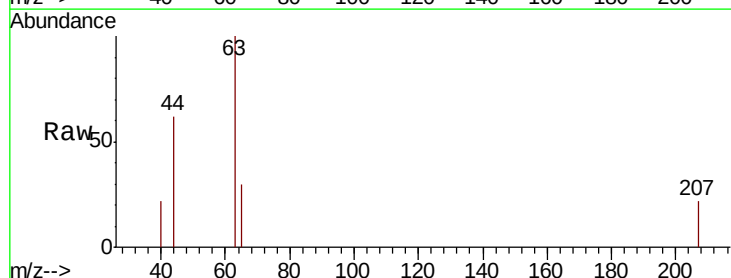
Tgt Ion: 63 Resp: 2321

Ion Ratio Lower Upper

63 100

98 0.0 2.9 8.8#

100 0.0 1.8 5.3#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

1000

800

600

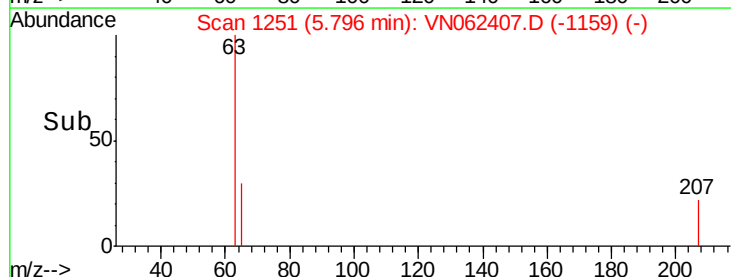
400

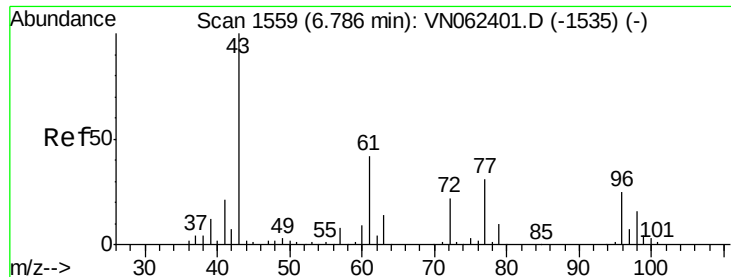
200

0

Time-->

5.75 5.80 5.85





#25

2-Butanone

Concen: 1.192 ug/l

RT: 6.79 min Scan# 1560

Delta R.T. 0.00 min

Lab File: VN062407.D

Acq: 8 Jul 2020 15:01

Instrument :

MSVOA_N

ClientSampleId :

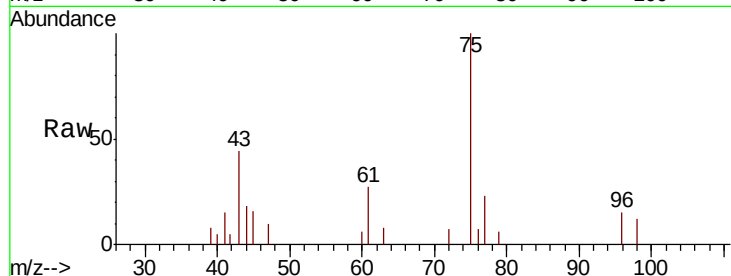
LOD-MDL-WATER-01-QT3-2020

Tot Ion: 43 Resp: 2048

Ion Ratio Lower Upper

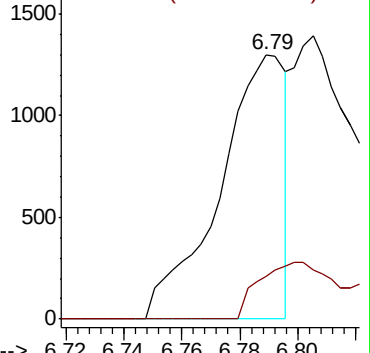
43 100

72 16.2 17.9 26.9#

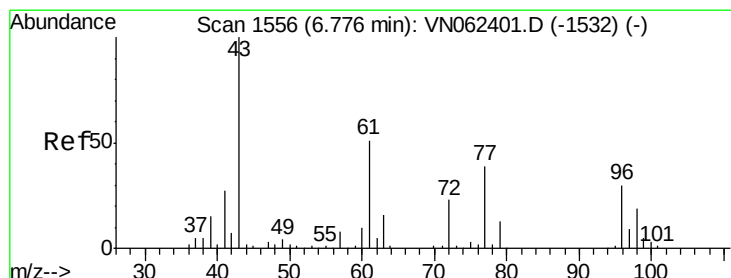
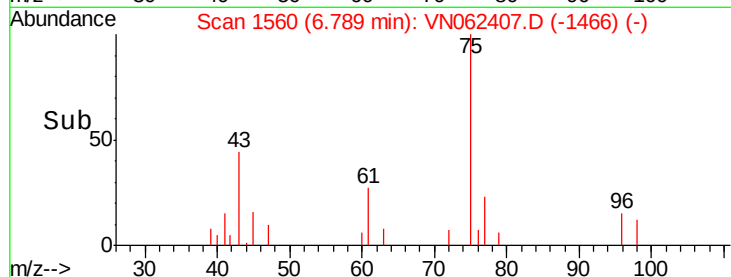


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



Time--> 6.72 6.74 6.76 6.78 6.80



#26

2,2-Dichloropropane

Concen: 0.233 ug/l

RT: 6.77 min Scan# 1554

Delta R.T. -0.01 min

Lab File: VN062407.D

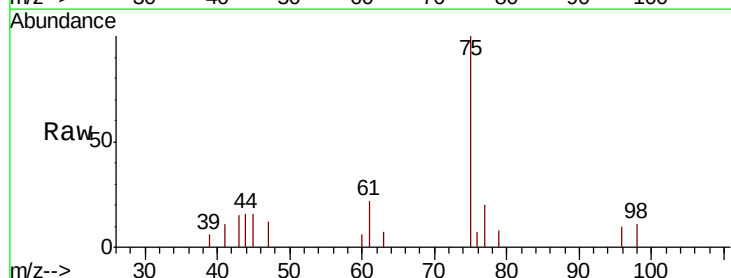
Acq: 8 Jul 2020 15:01

Tgt Ion: 77 Resp: 793

Ion Ratio Lower Upper

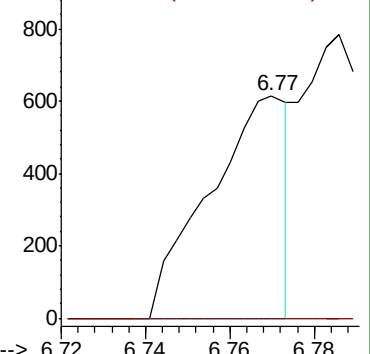
77 100

97 0.0 10.9 32.9#

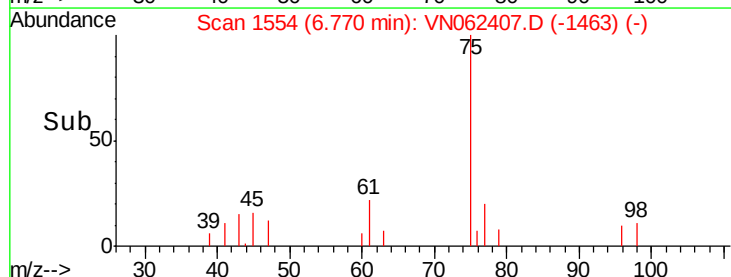


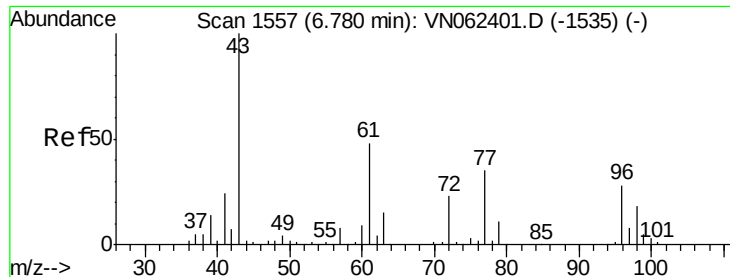
Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0



Time--> 6.72 6.74 6.76 6.78





#27

cis-1,2-Dichloroethene

Concen: 0.458 ug/l

RT: 6.79 min Scan# 1560

Delta R.T. 0.01 min

Lab File: VN062407.D

Acq: 8 Jul 2020 15:01

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

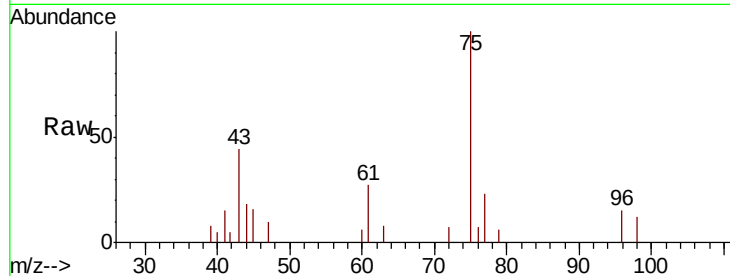
Tot Ion: 96 Resp: 1063

Ion Ratio Lower Upper

96 100

61 214.4 0.0 343.4

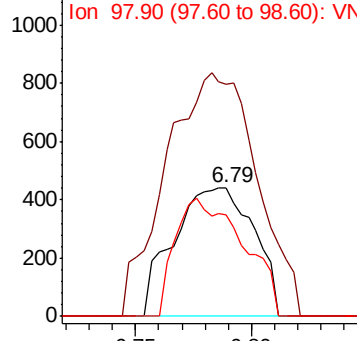
98 77.7 0.0 128.4



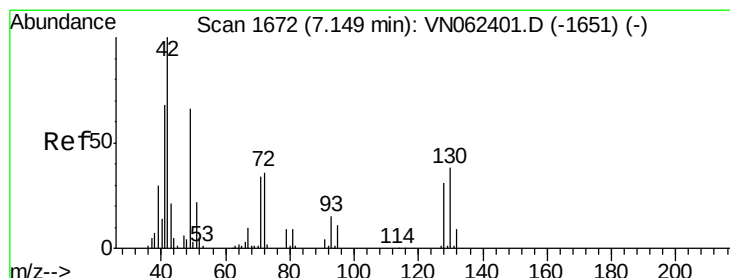
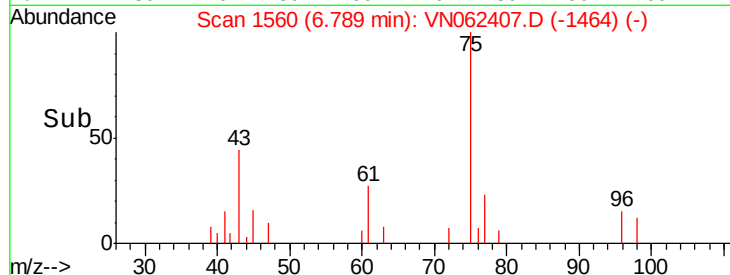
Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



Time-->



#28

Bromochloromethane

Concen: 0.474 ug/l

RT: 7.16 min Scan# 1674

Delta R.T. 0.01 min

Lab File: VN062407.D

Acq: 8 Jul 2020 15:01

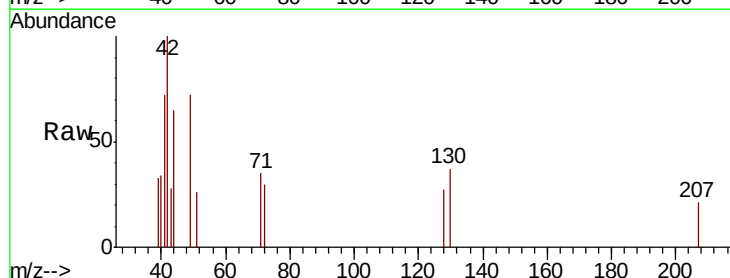
Tgt Ion: 49 Resp: 1144

Ion Ratio Lower Upper

49 100

129 0.0 0.0 2.8

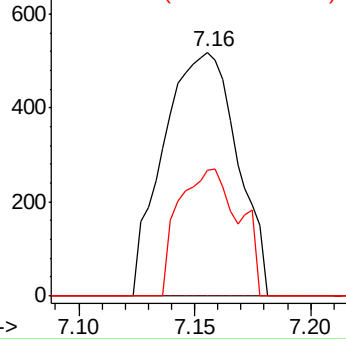
130 42.6 46.5 69.7#



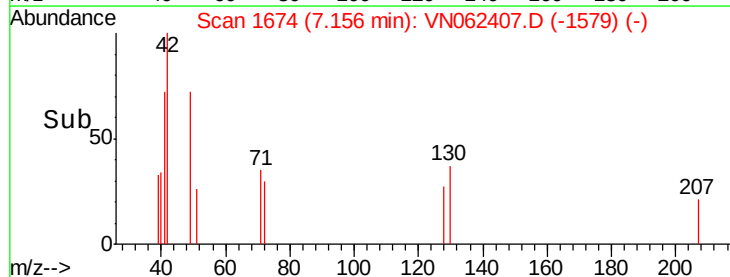
Abundance Ion 48.90 (48.60 to 49.60): VN0

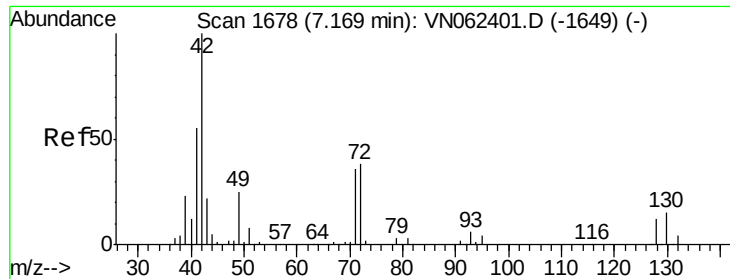
Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V



Time-->

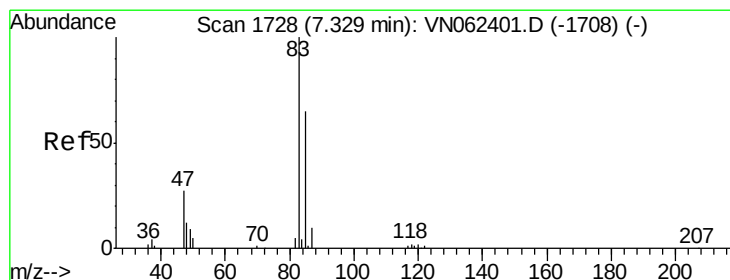
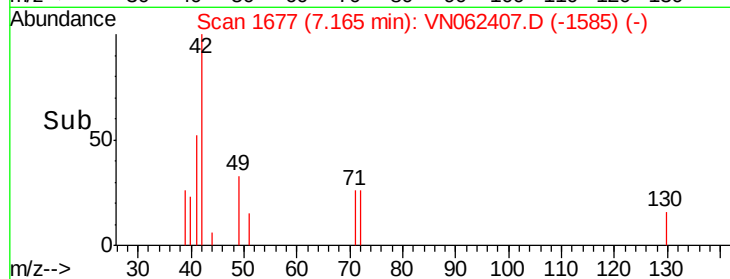
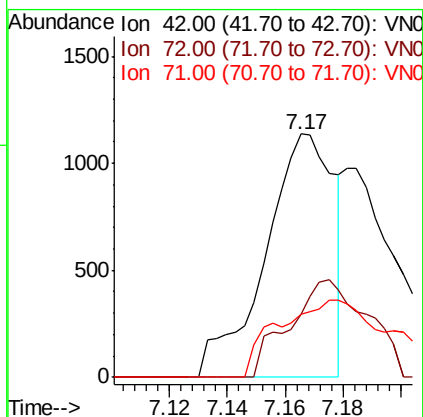
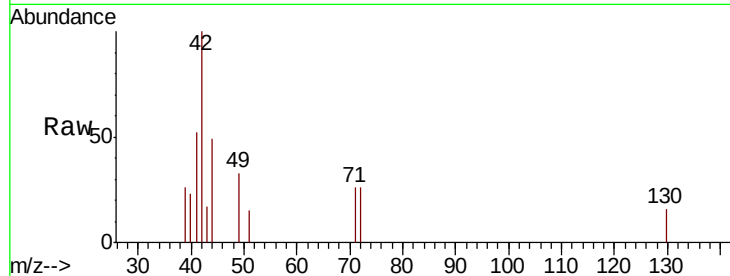




#29
Tetrahydrofuran
Concen: 1.625 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. -0.00 min
Lab File: VN062407.D
Acq: 8 Jul 2020 15:01

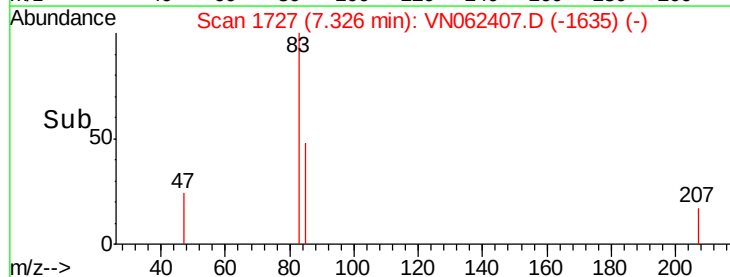
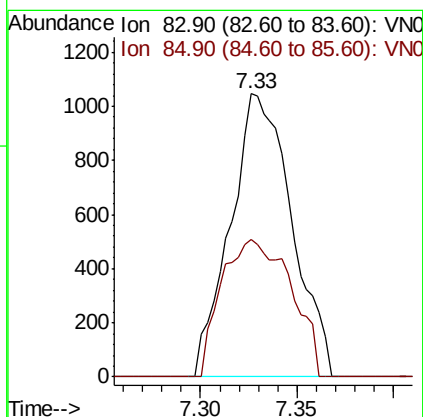
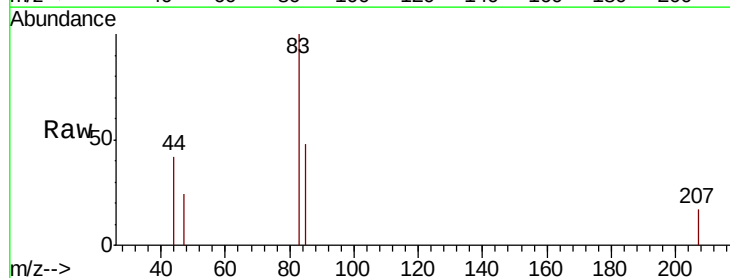
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

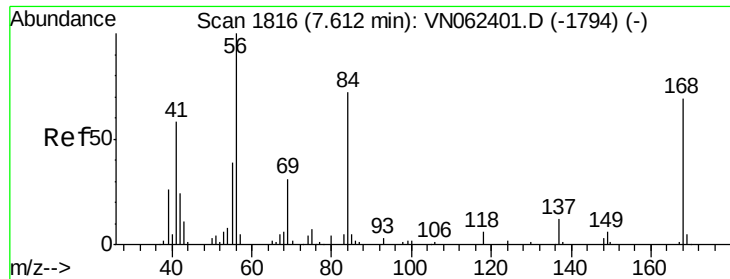
Tot Ion: 42 Resp: 1880
Ion Ratio Lower Upper
42 100
72 45.4 29.1 43.7#
71 48.4 28.1 42.1#



#30
Chloroform
Concen: 0.576 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN062407.D
Acq: 8 Jul 2020 15:01

Tgt Ion: 83 Resp: 2310
Ion Ratio Lower Upper
83 100
85 48.4 51.8 77.6#

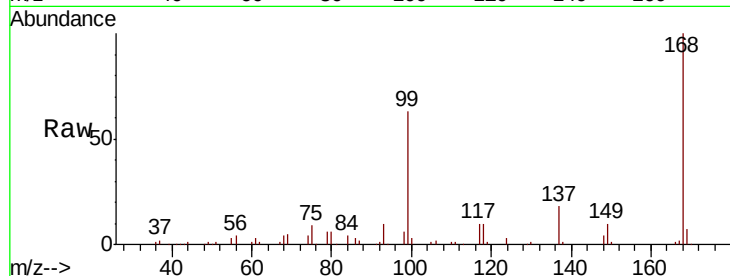




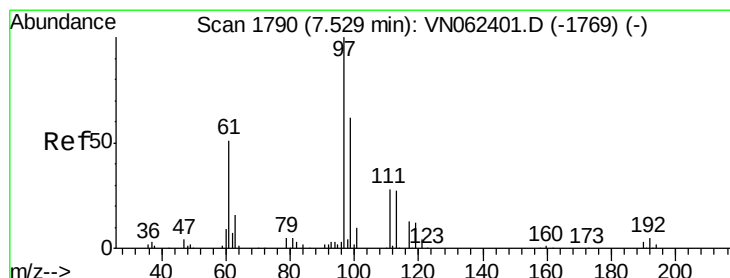
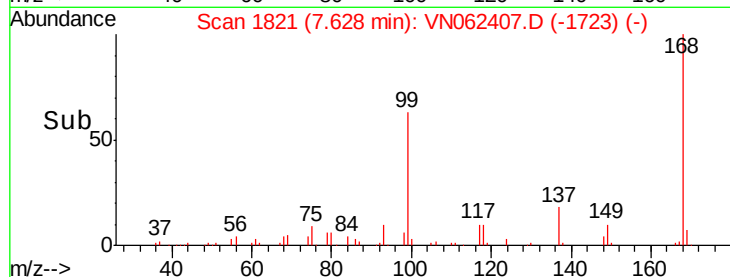
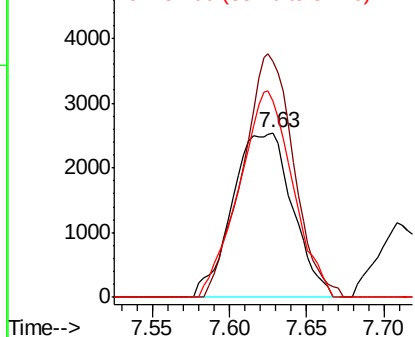
#31
Cyclohexane
Concen: 1.627 ug/l
RT: 7.63 min Scan# 1821
Delta R.T. 0.02 min
Lab File: VN062407.D
Acq: 8 Jul 2020 15:01

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

Tot Ion: 56 Resp: 6847
Ion Ratio Lower Upper
56 100
69 143.0 24.5 36.7#
84 119.5 57.4 86.2#

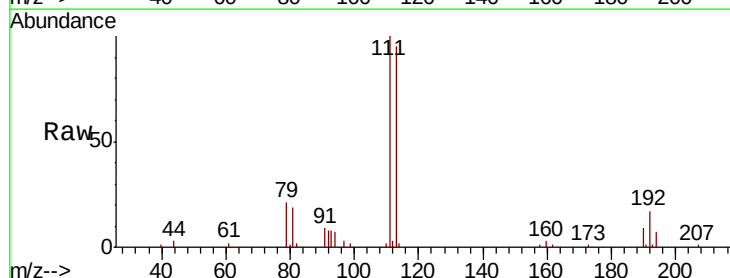


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

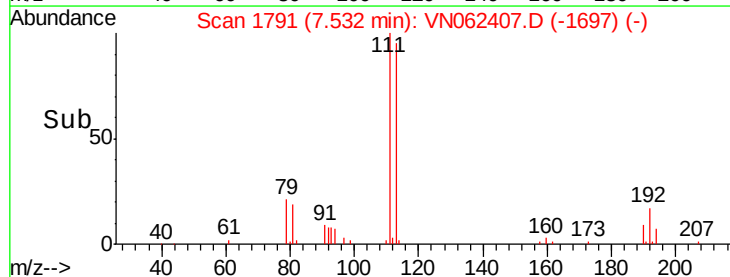
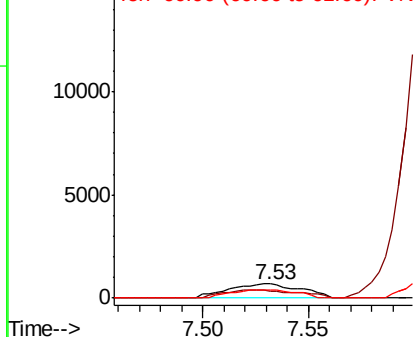


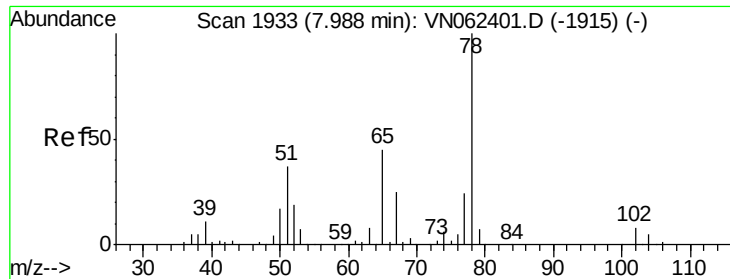
#32
1,1,1-Trichloroethane
Concen: 0.492 ug/l
RT: 7.53 min Scan# 1791
Delta R.T. 0.00 min
Lab File: VN062407.D
Acq: 8 Jul 2020 15:01

Tgt Ion: 97 Resp: 1639
Ion Ratio Lower Upper
97 100
99 0.0 50.4 75.6#
61 54.1 39.9 59.9



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

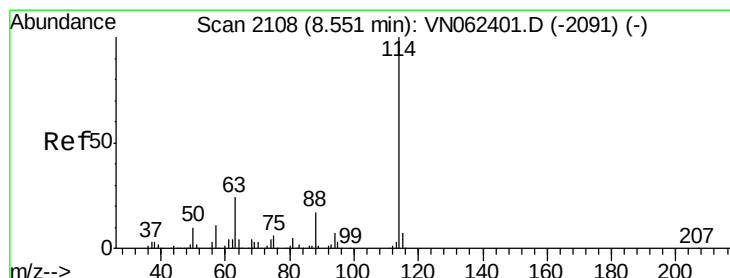
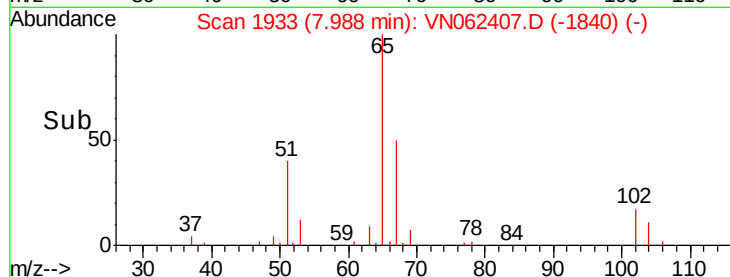
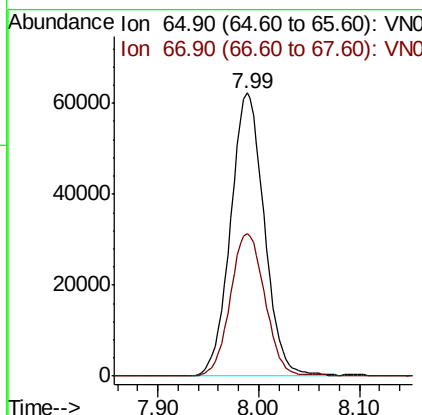
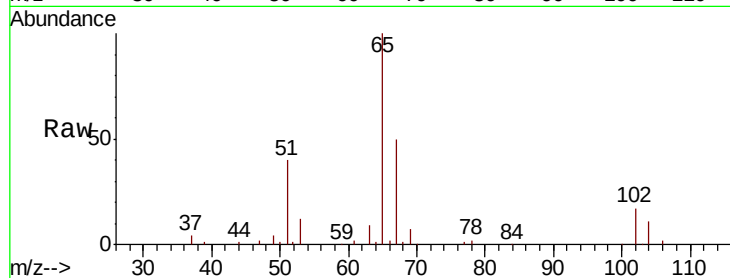




#33
 1,2-Dichloroethane-d4
 Concen: 52.165 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. -0.00 min
 Lab File: VN062407.D
 Acq: 8 Jul 2020 15:01

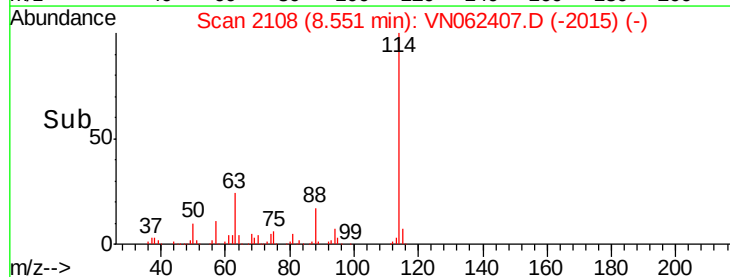
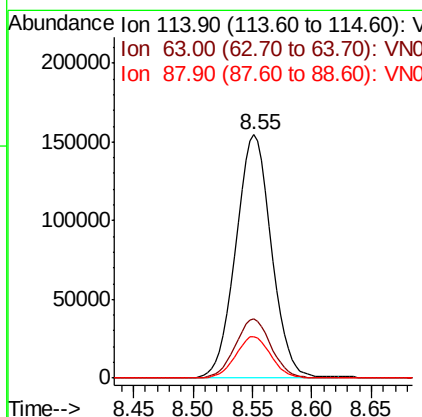
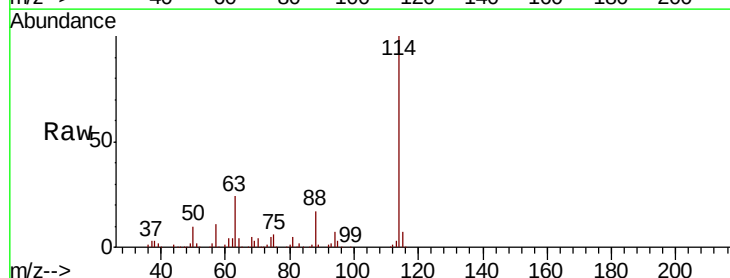
Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2020

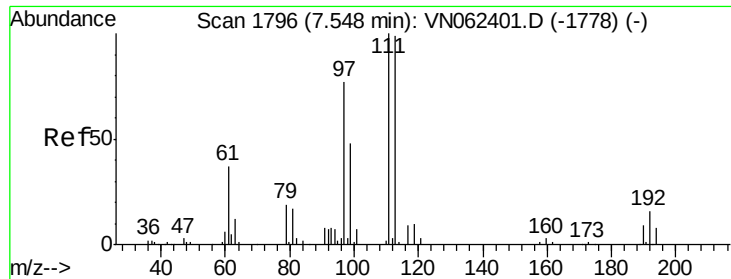
Tot Ion: 65 Resp: 144556
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062407.D
 Acq: 8 Jul 2020 15:01

Tgt Ion: 114 Resp: 320703
 Ion Ratio Lower Upper
 114 100
 63 24.3 0.0 48.4
 88 17.1 0.0 33.8

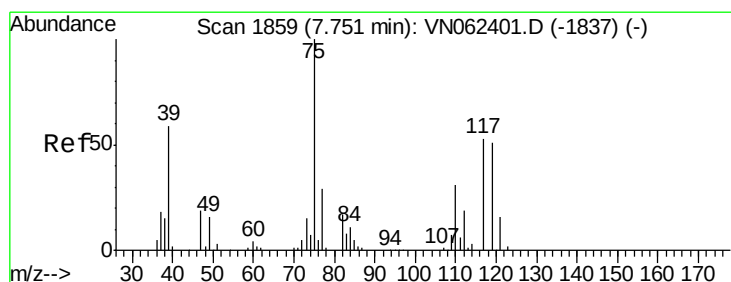
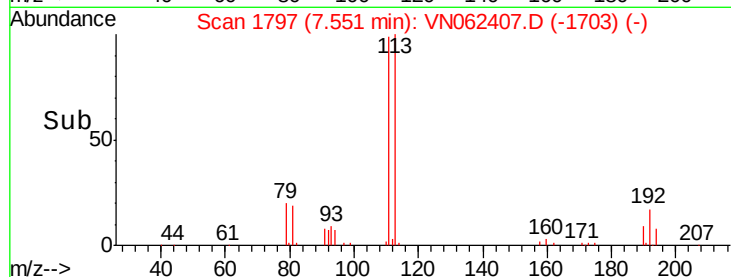
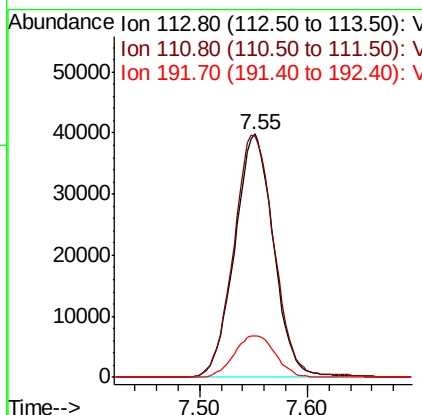
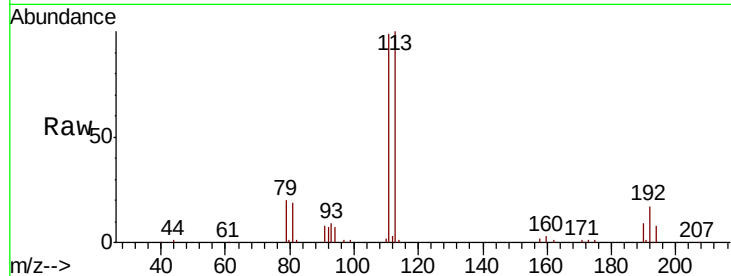




#35
 Dibromofluoromethane
 Concen: 50.389 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: VN062407.D
 Acq: 8 Jul 2020 15:01

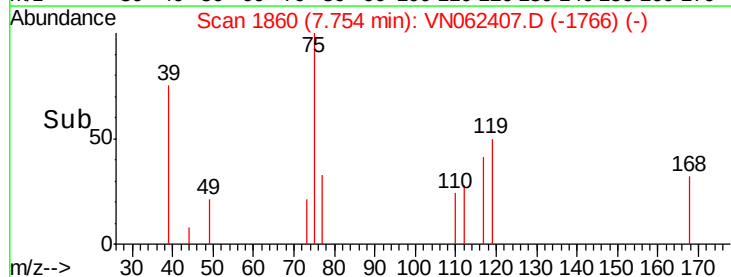
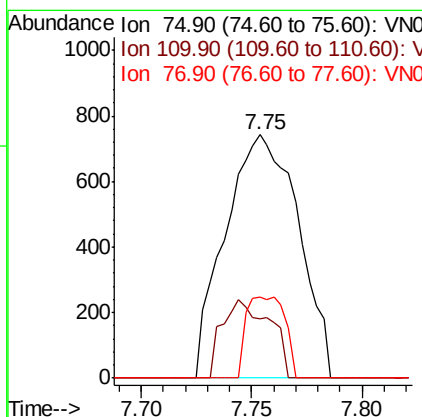
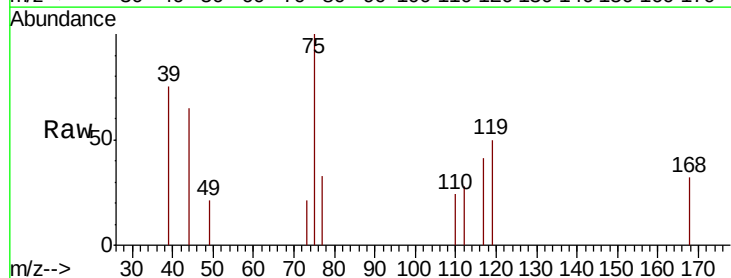
Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2020

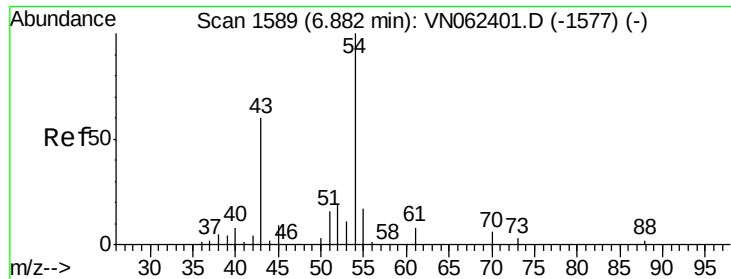
Tot Ion:113 Resp: 99891
 Ion Ratio Lower Upper
 113 100
 111 103.3 83.1 124.7
 192 18.1 14.1 21.1



#36
 1,1-Dichloropropene
 Concen: 0.527 ug/l
 RT: 7.75 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: VN062407.D
 Acq: 8 Jul 2020 15:01

Tgt Ion: 75 Resp: 1702
 Ion Ratio Lower Upper
 75 100
 110 21.0 15.4 46.2
 77 17.6 24.1 36.1#

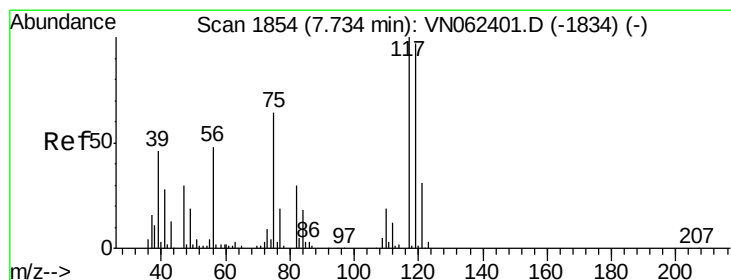
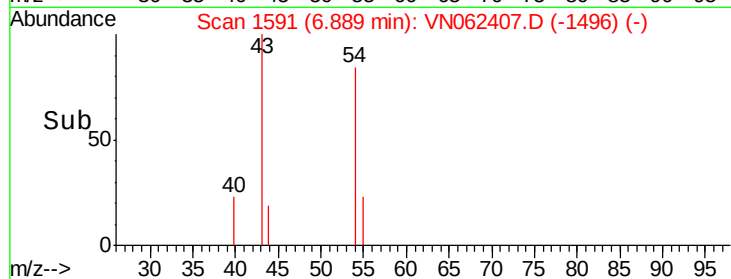
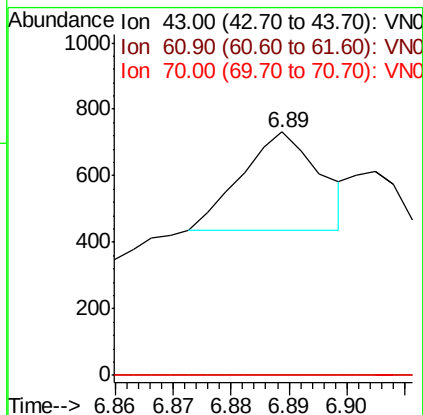
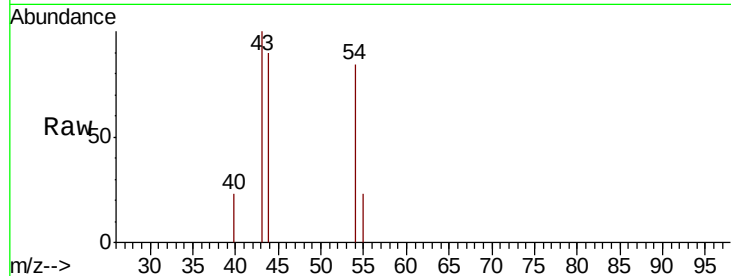




#37
Ethyl Acetate
Concen: 0.073 ug/l
RT: 6.89 min Scan# 1591
Delta R.T. 0.01 min
Lab File: VN062407.D
Acq: 8 Jul 2020 15:01

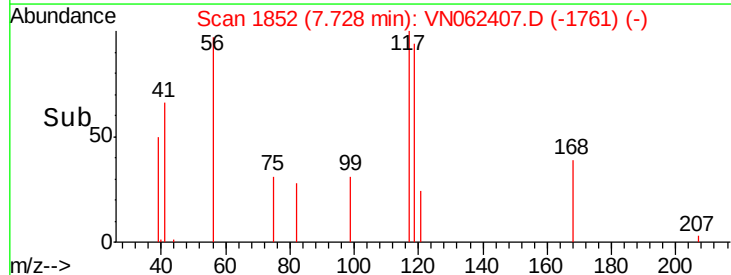
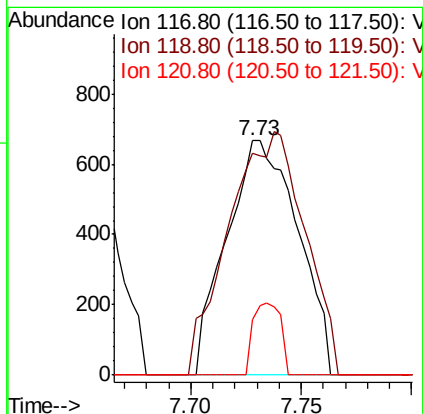
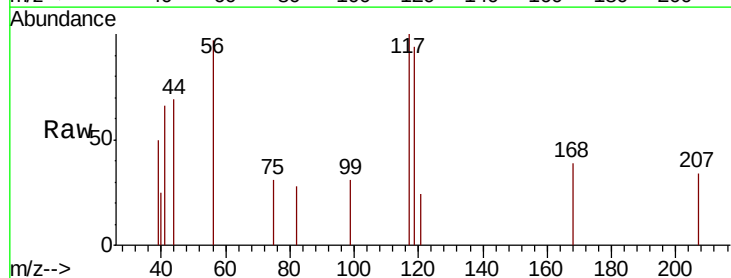
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

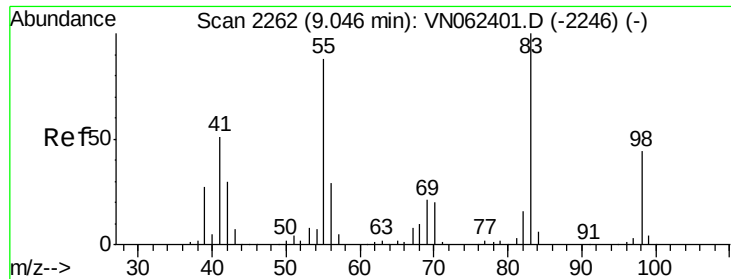
Tot Ion: 43 Resp: 276
Ion Ratio Lower Upper
43 100
61 0.0 10.7 16.1#
70 0.0 7.2 10.8#



#38
Carbon Tetrachloride
Concen: 0.516 ug/l
RT: 7.73 min Scan# 1852
Delta R.T. -0.01 min
Lab File: VN062407.D
Acq: 8 Jul 2020 15:01

Tgt Ion: 117 Resp: 1500
Ion Ratio Lower Upper
117 100
119 94.5 77.2 115.8
121 23.8 24.8 37.2#

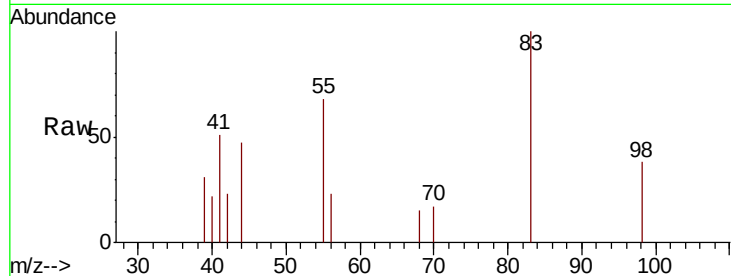




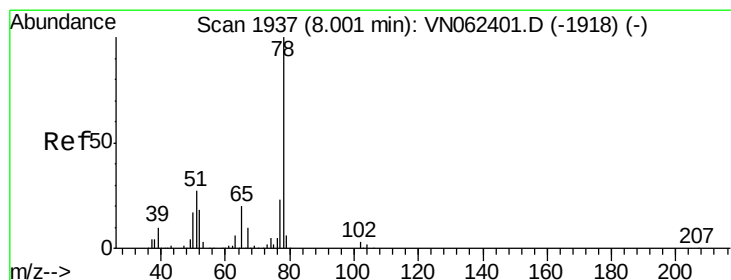
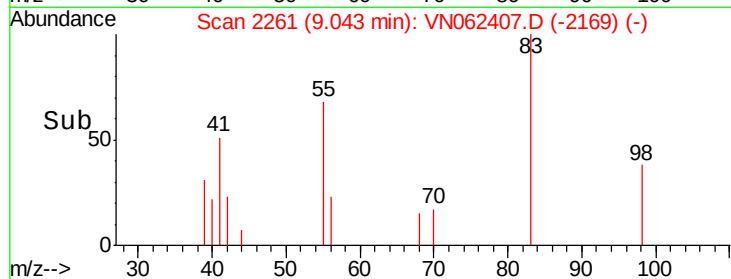
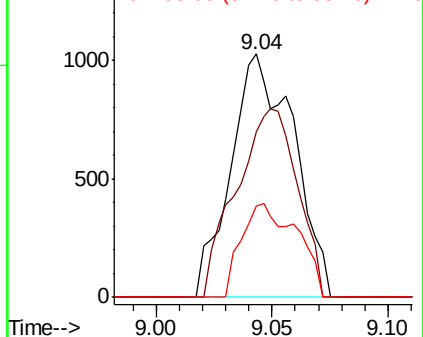
#39
Methylvclclohexane
Concen: 0.561 ug/l
RT: 9.04 min Scan# 2261
Delta R.T. -0.00 min
Lab File: VN062407.D
Acq: 8 Jul 2020 15:01

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

Tot Ion: 83 Resp: 1934
Ion Ratio Lower Upper
83 100
55 68.0 70.5 105.7#
98 37.7 35.5 53.3

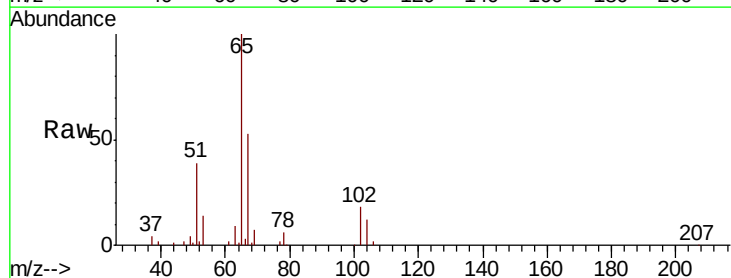


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

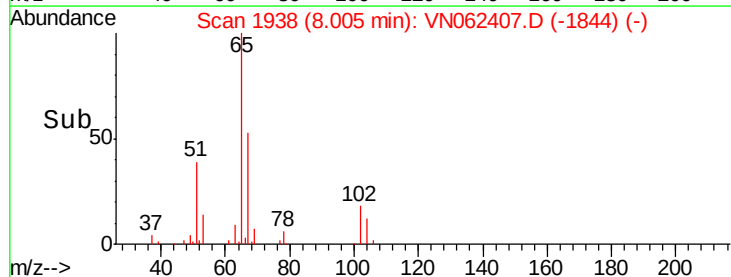
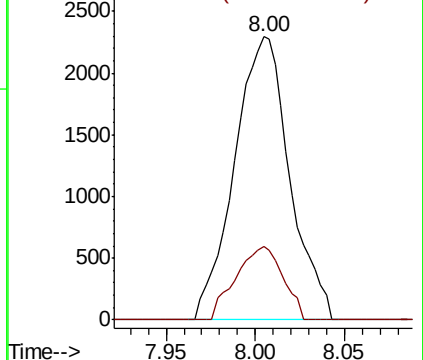


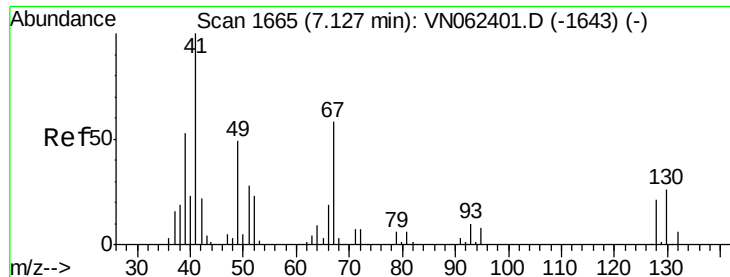
#40
Benzene
Concen: 0.519 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. 0.00 min
Lab File: VN062407.D
Acq: 8 Jul 2020 15:01

Tgt Ion: 78 Resp: 4942
Ion Ratio Lower Upper
78 100
77 25.8 18.7 28.1



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0





#41

Methacrylonitrile

Concen: 0.379 ug/l

RT: 7.12 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VN062407.D

Acq: 8 Jul 2020 15:01

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

Tot Ion: 41 Resp: 599

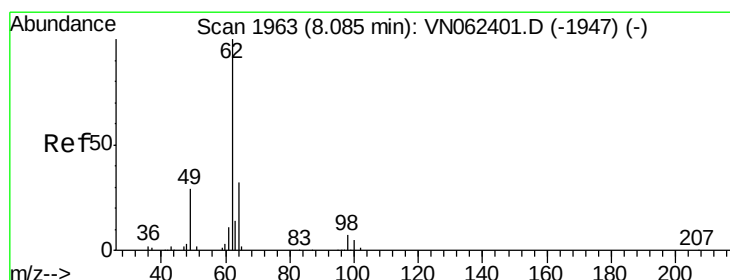
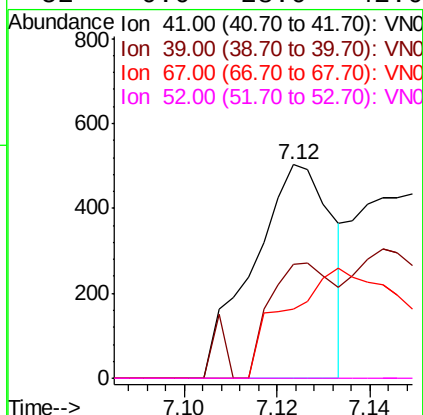
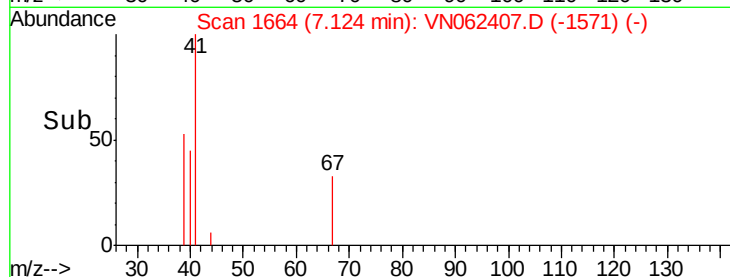
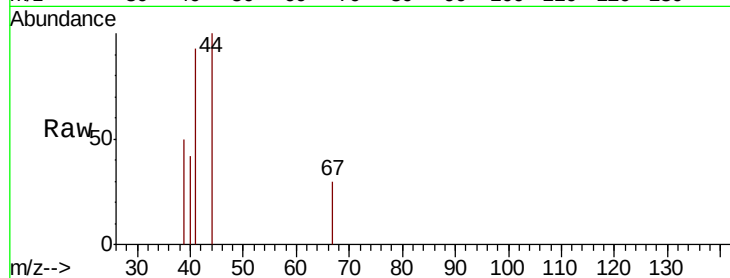
Ion Ratio Lower Upper

41 100

39 44.4 50.2 75.2#

67 0.0 64.2 96.2#

52 0.0 28.0 42.0#



#42

1,2-Dichloroethane

Concen: 0.673 ug/l

RT: 8.09 min Scan# 1964

Delta R.T. 0.00 min

Lab File: VN062407.D

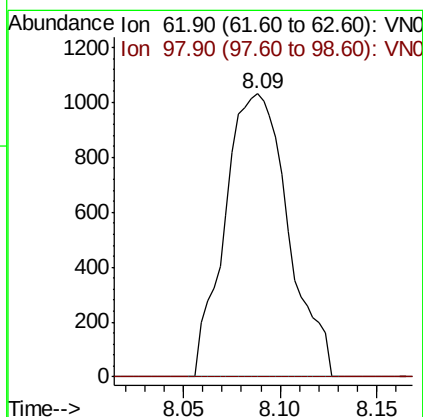
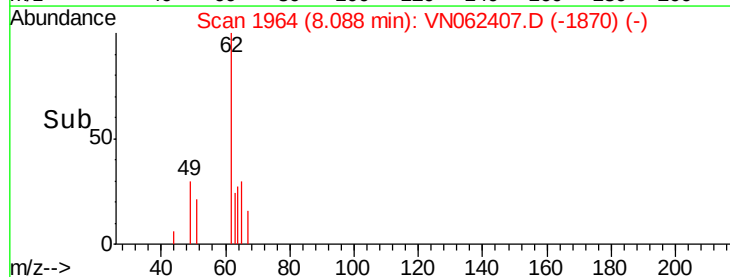
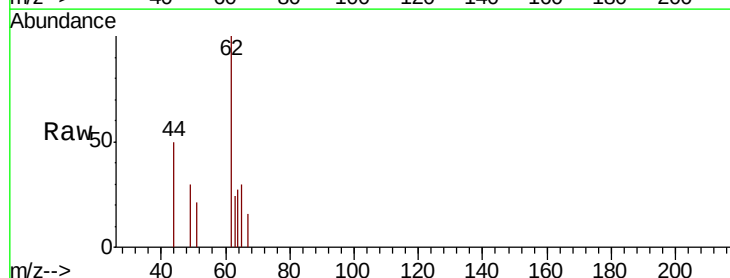
Acq: 8 Jul 2020 15:01

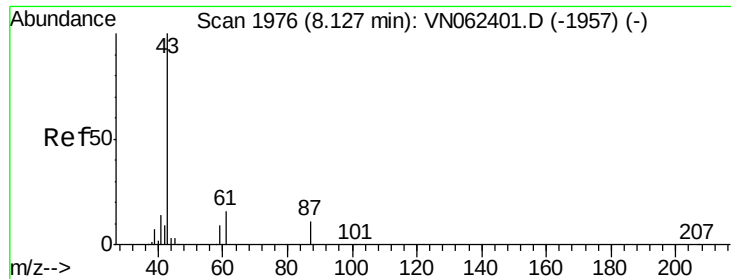
Tgt Ion: 62 Resp: 2346

Ion Ratio Lower Upper

62 100

98 0.0 0.0 15.8





#43

Isopropyl Acetate

Concen: 0.488 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. -0.00 min

Lab File: VN062407.D

Acq: 8 Jul 2020 15:01

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

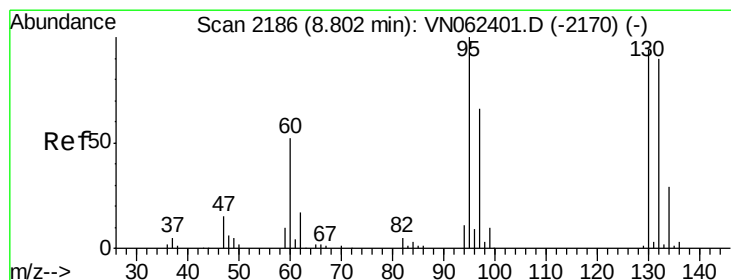
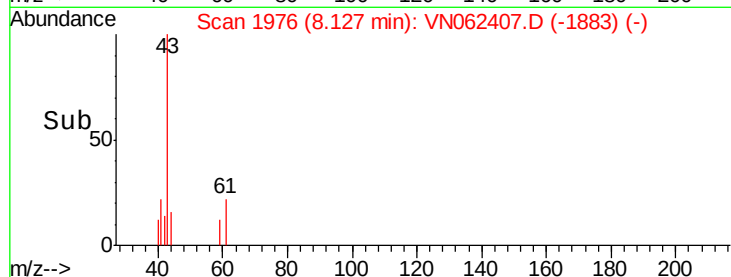
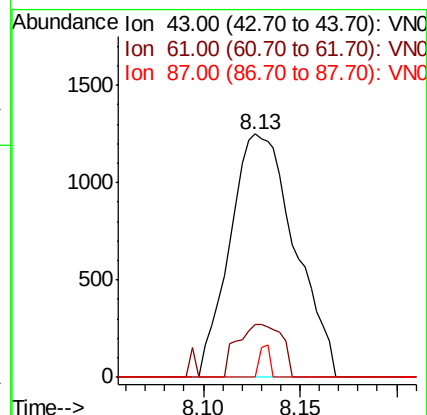
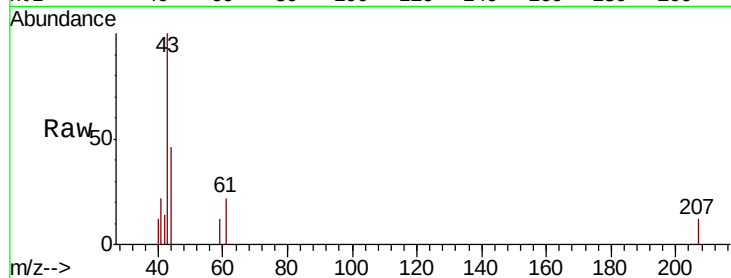
Tot Ion: 43 Resp: 2913

Ion Ratio Lower Upper

43 100

61 14.9 19.3 28.9#

87 2.1 8.6 13.0#



#44

Trichloroethene

Concen: 0.524 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. -0.00 min

Lab File: VN062407.D

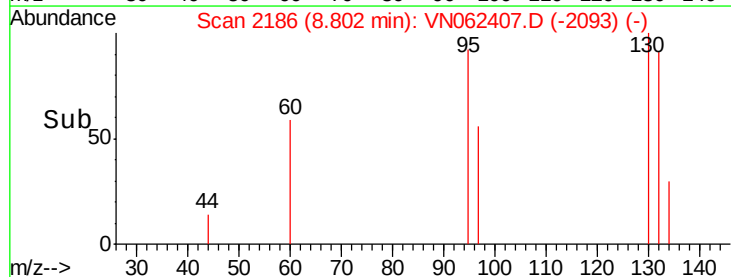
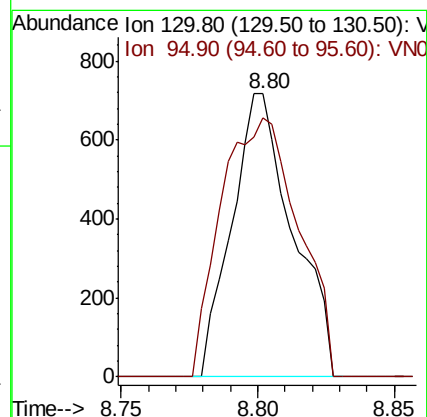
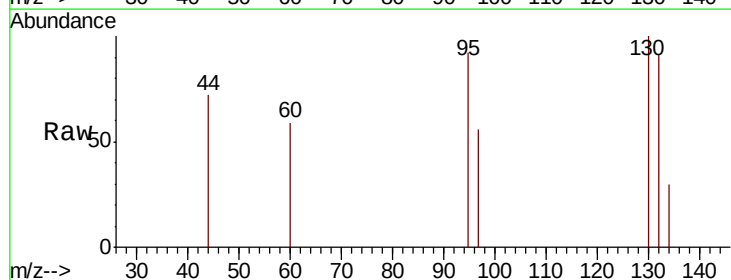
Acq: 8 Jul 2020 15:01

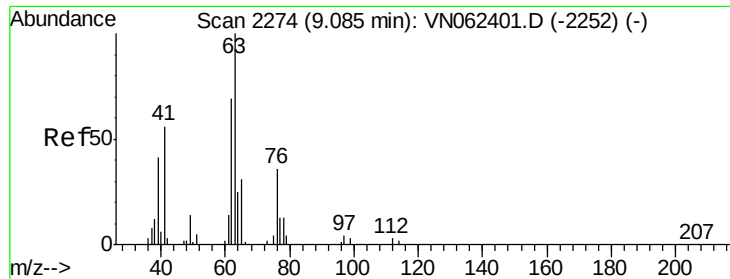
Tgt Ion: 130 Resp: 1108

Ion Ratio Lower Upper

130 100

95 91.6 0.0 213.8

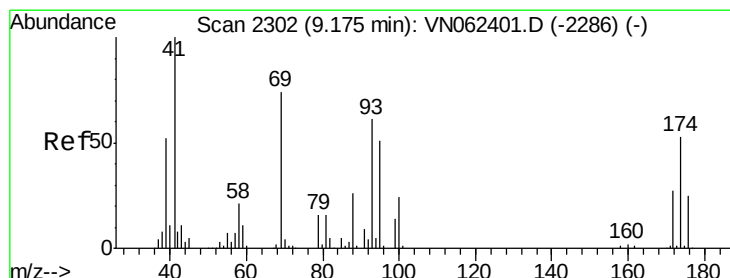
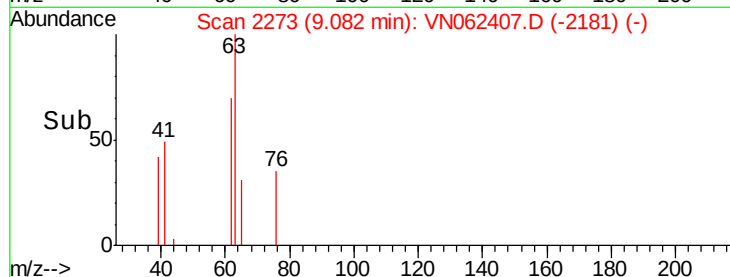
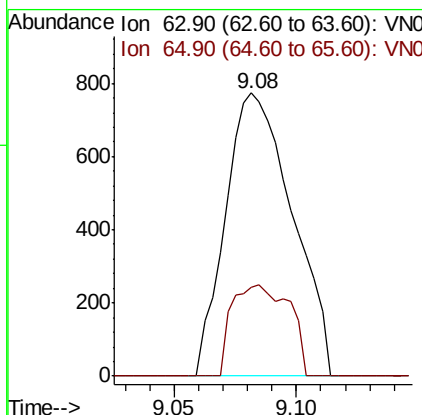
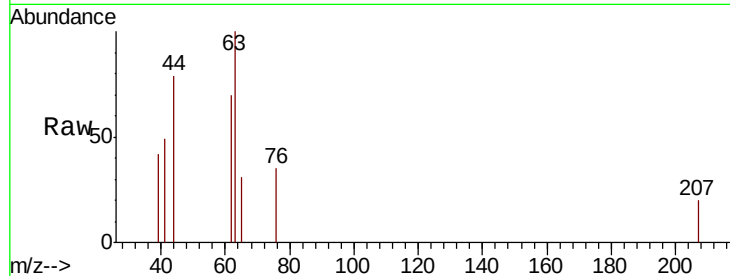




#45
 1,2-Dichloropropane
 Concen: 0.531 ug/l
 RT: 9.08 min Scan# 2273
 Delta R.T. -0.00 min
 Lab File: VN062407.D
 Acq: 8 Jul 2020 15:01

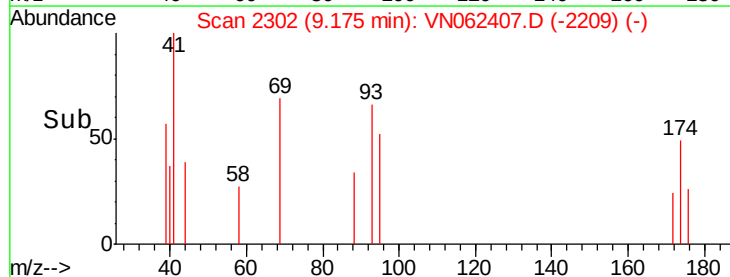
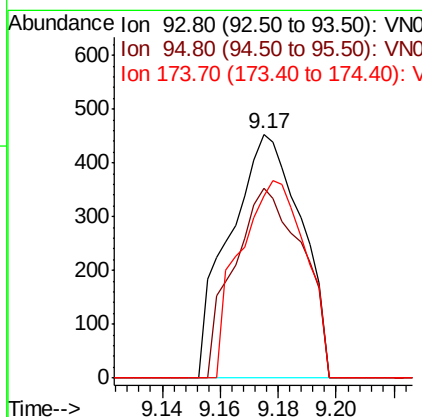
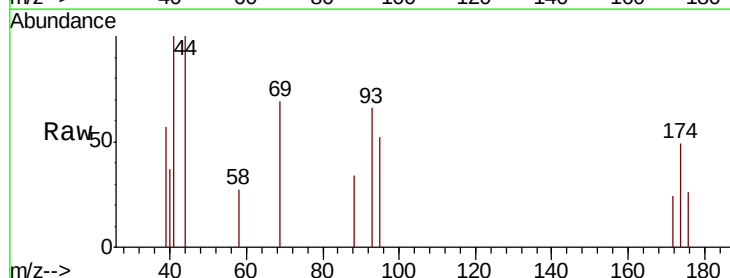
Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2020

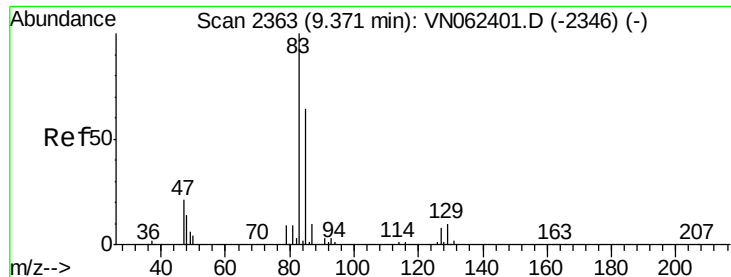
Tot Ion: 63 Resp: 1468
 Ion Ratio Lower Upper
 63 100
 65 31.3 24.6 36.8



#46
 Dibromomethane
 Concen: 0.499 ug/l
 RT: 9.17 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: VN062407.D
 Acq: 8 Jul 2020 15:01

Tgt Ion: 93 Resp: 778
 Ion Ratio Lower Upper
 93 100
 95 74.6 67.1 100.7
 174 74.2 70.4 105.6





#47

Bromodichloromethane

Concen: 0.507 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. -0.00 min

Lab File: VN062407.D

Acq: 8 Jul 2020 15:01

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

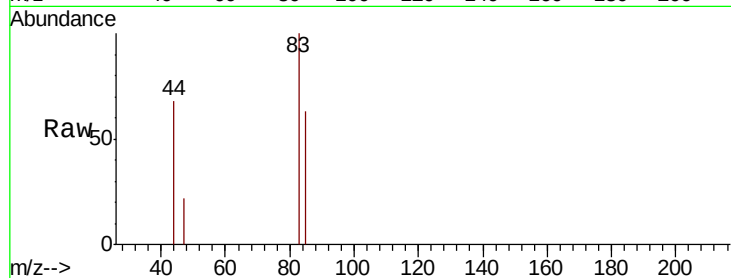
Tot Ion: 83 Resp: 1691

Ion Ratio Lower Upper

83 100

85 63.2 51.2 76.8

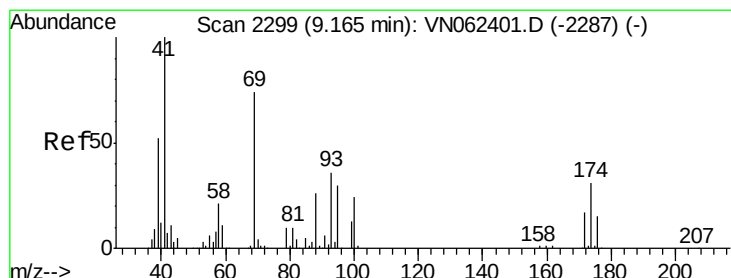
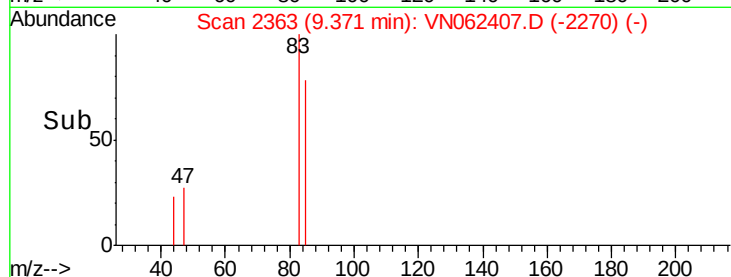
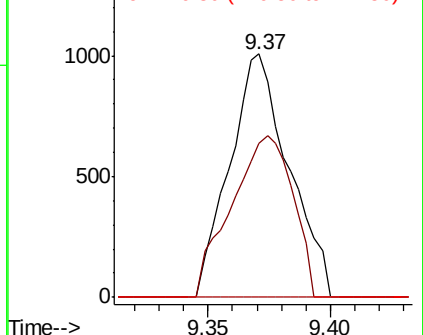
127 0.0 6.2 9.2#



Abundance Ion 82.90 (82.60 to 83.60): VN062407.D (-2270) (-)

Ion 84.90 (84.60 to 85.60): VN062407.D (-2270) (-)

Ion 126.80 (126.50 to 127.50): VN062407.D (-2270) (-)



#48

Methyl methacrylate

Concen: 0.522 ug/l

RT: 9.17 min Scan# 2301

Delta R.T. 0.01 min

Lab File: VN062407.D

Acq: 8 Jul 2020 15:01

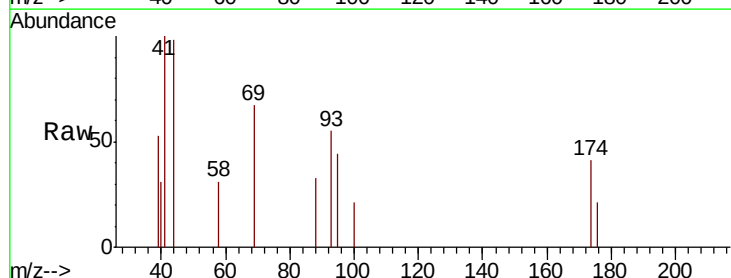
Tgt Ion: 41 Resp: 1527

Ion Ratio Lower Upper

41 100

69 64.4 60.8 91.2

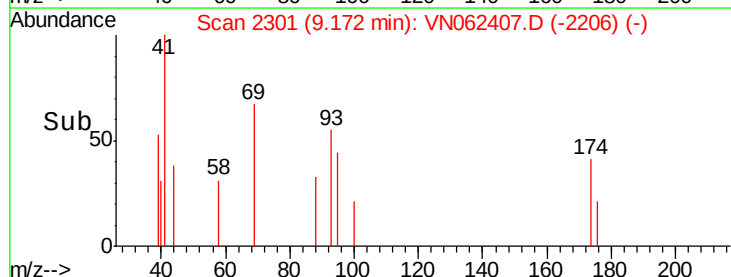
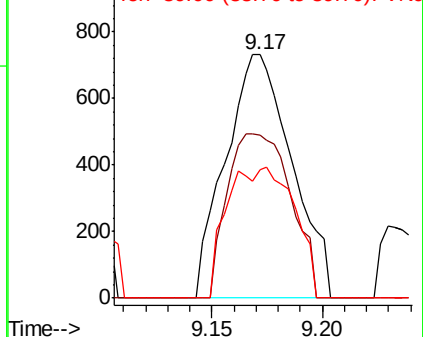
39 54.6 43.5 65.3

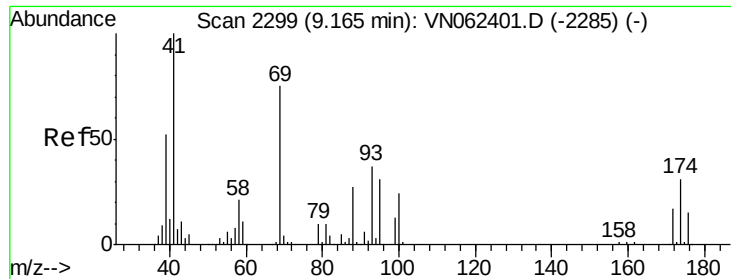


Abundance Ion 41.00 (40.70 to 41.70): VN062407.D (-2206) (-)

Ion 69.00 (68.70 to 69.70): VN062407.D (-2206) (-)

Ion 39.00 (38.70 to 39.70): VN062407.D (-2206) (-)

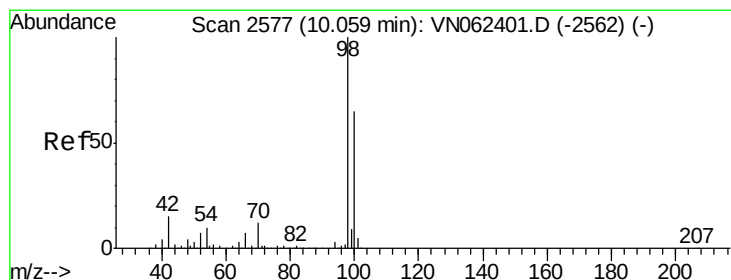
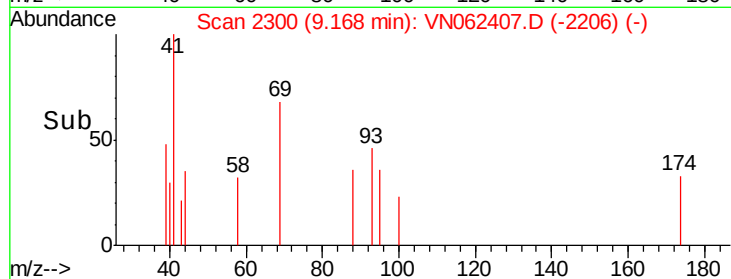
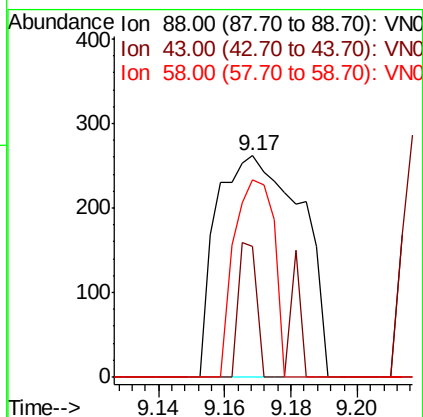
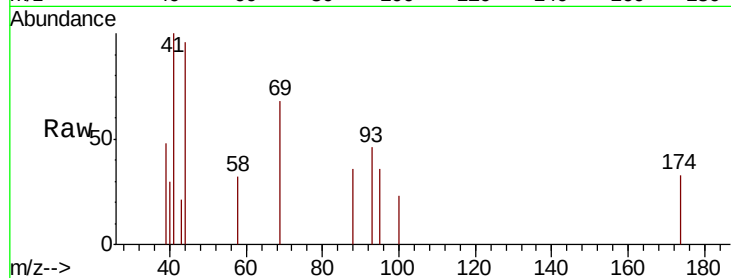




#49
1,4-Dioxane
Concen: 10.889 ug/l
RT: 9.17 min Scan# 2300
Delta R.T. 0.00 min
Lab File: VN062407.D
Acq: 8 Jul 2020 15:01

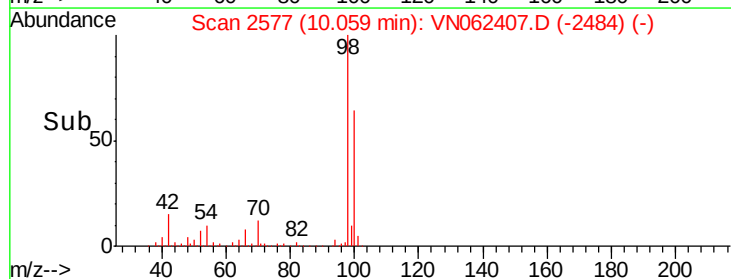
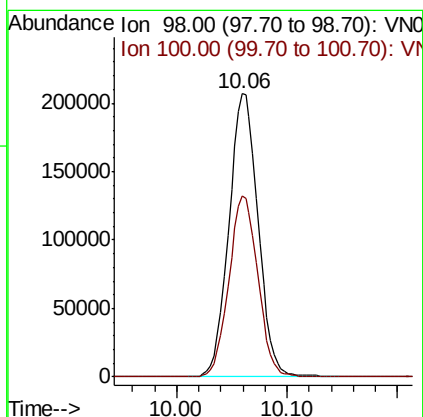
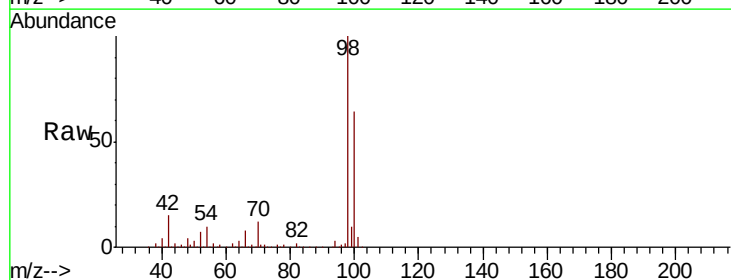
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

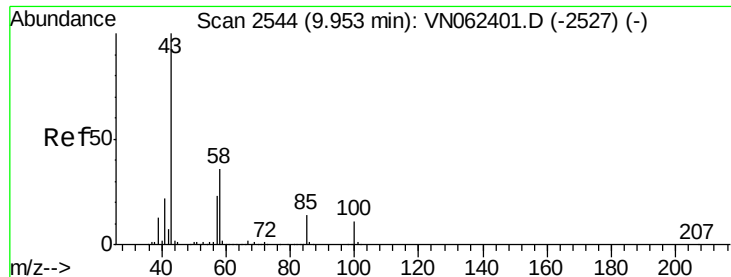
Tot Ion: 88 Resp: 464
Ion Ratio Lower Upper
88 100
43 0.0 31.0 46.4#
58 42.0 63.3 94.9#



#50
Toluene-d8
Concen: 48.496 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062407.D
Acq: 8 Jul 2020 15:01

Tgt Ion: 98 Resp: 379521
Ion Ratio Lower Upper
98 100
100 63.6 51.5 77.3

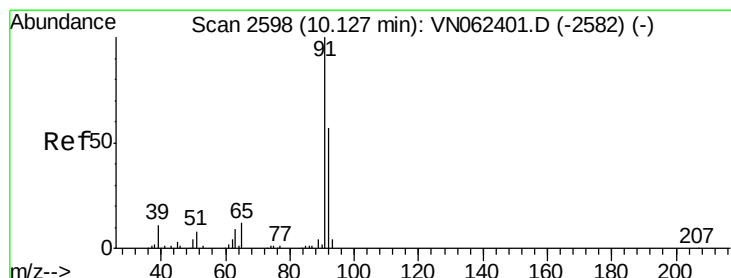
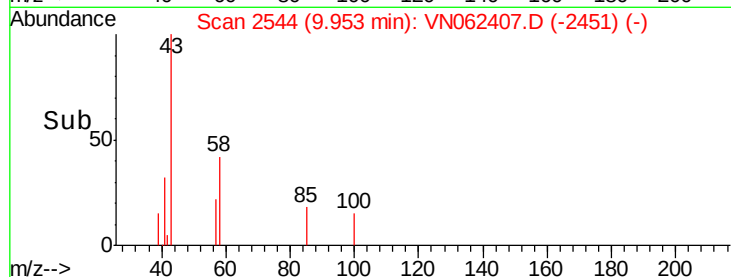
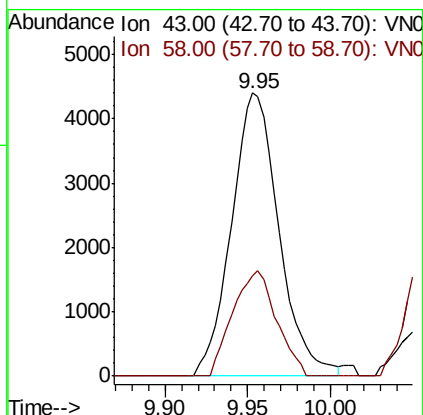
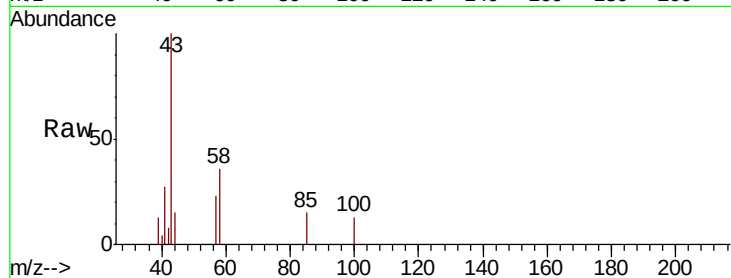




#51
 4-Methyl-2-Pentanone
 Concen: 2.459 ug/l
 RT: 9.95 min Scan# 2544
 Delta R.T. -0.00 min
 Lab File: VN062407.D
 Acq: 8 Jul 2020 15:01

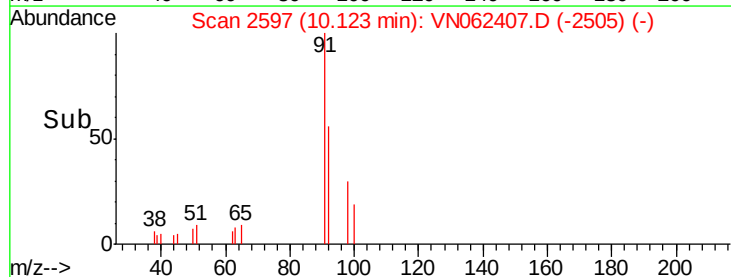
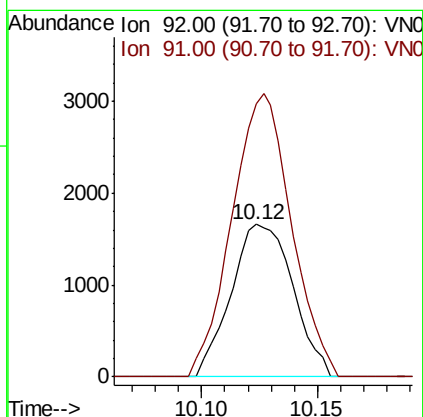
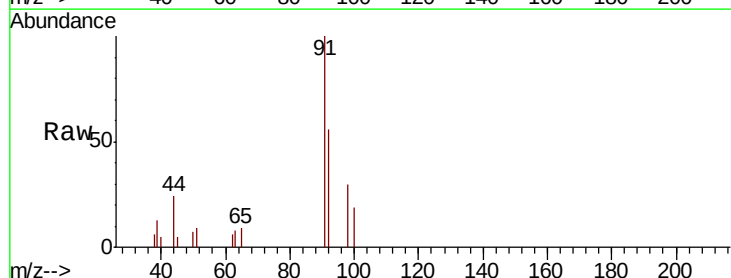
Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2020

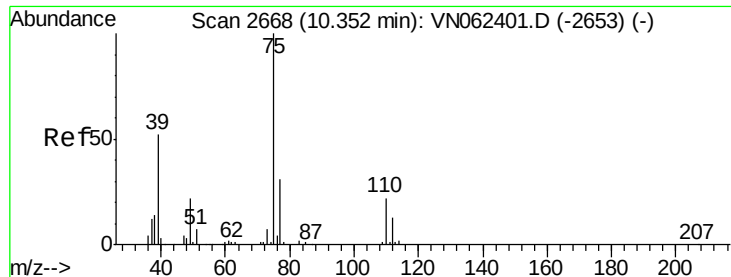
Tot Ion: 43 Resp: 8765
 Ion Ratio Lower Upper
 43 100
 58 34.2 29.0 43.6



#52
 Toluene
 Concen: 0.560 ug/l
 RT: 10.12 min Scan# 2597
 Delta R.T. -0.00 min
 Lab File: VN062407.D
 Acq: 8 Jul 2020 15:01

Tgt Ion: 92 Resp: 3078
 Ion Ratio Lower Upper
 92 100
 91 178.4 141.0 211.6





#53

t-1,3-Dichloropropene

Concen: 0.477 ug/l

RT: 10.35 min Scan# 2669

Delta R.T. 0.00 min

Lab File: VN062407.D

Acq: 8 Jul 2020 15:01

Instrument :

MSVOA_N

ClientSampleId :

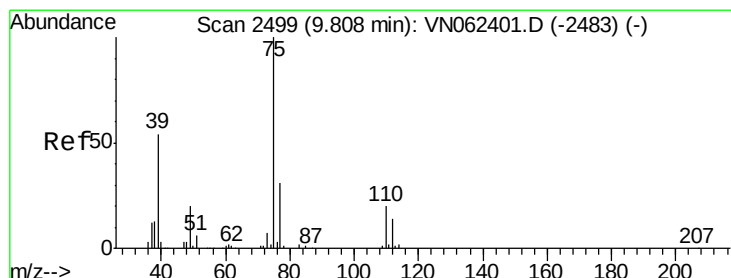
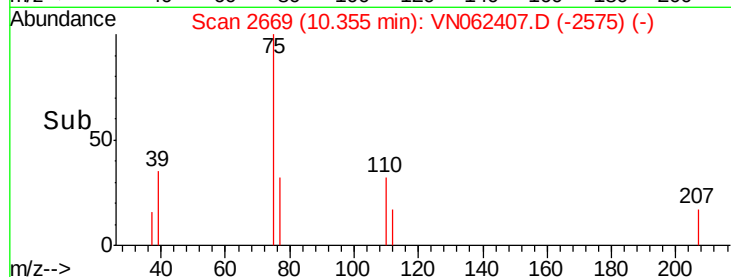
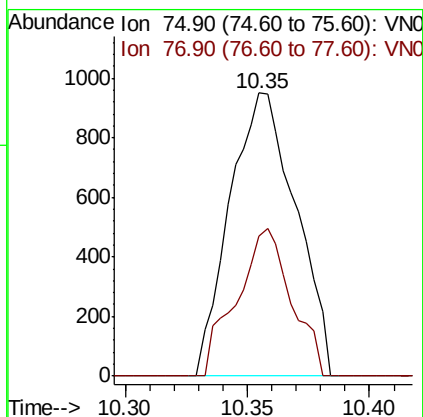
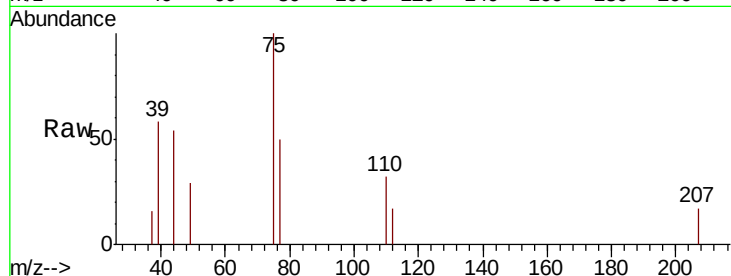
LOD-MDL-WATER-01-QT3-2020

Tot Ion: 75 Resp: 1782

Ion Ratio Lower Upper

75 100

77 49.6 25.2 37.8#



#54

cis-1,3-Dichloropropene

Concen: 0.466 ug/l

RT: 9.81 min Scan# 2500

Delta R.T. 0.00 min

Lab File: VN062407.D

Acq: 8 Jul 2020 15:01

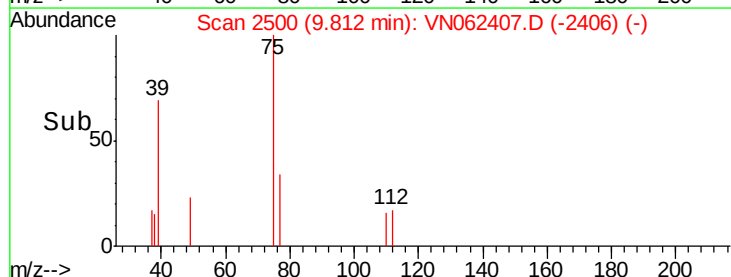
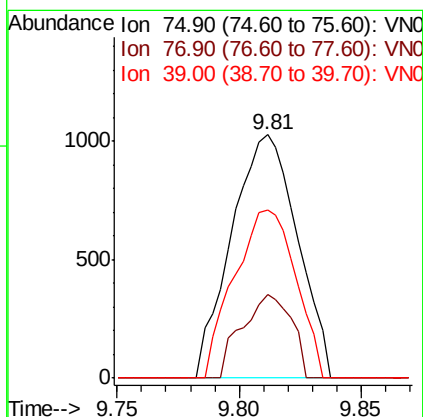
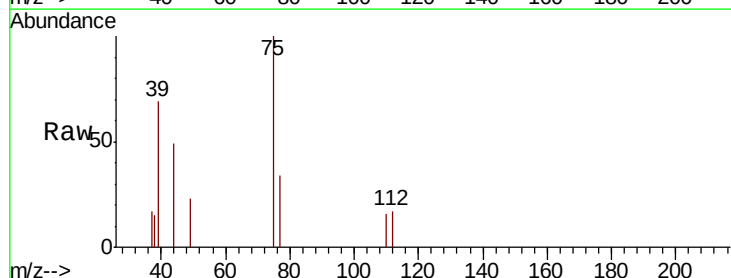
Tgt Ion: 75 Resp: 1920

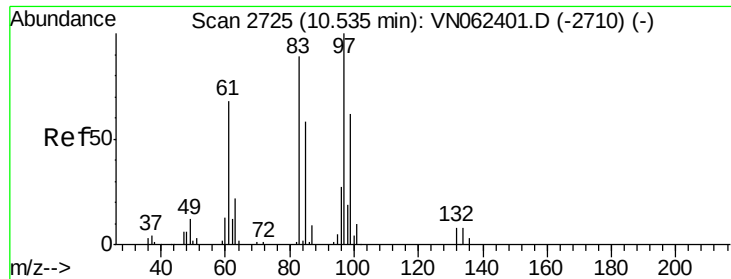
Ion Ratio Lower Upper

75 100

77 34.1 24.5 36.7

39 69.0 43.4 65.0#





#55

1,1,2-Trichloroethane

Concen: 0.527 ug/l

RT: 10.53 min Scan# 2725

Delta R.T. -0.00 min

Lab File: VN062407.D

Acq: 8 Jul 2020 15:01

Instrument :

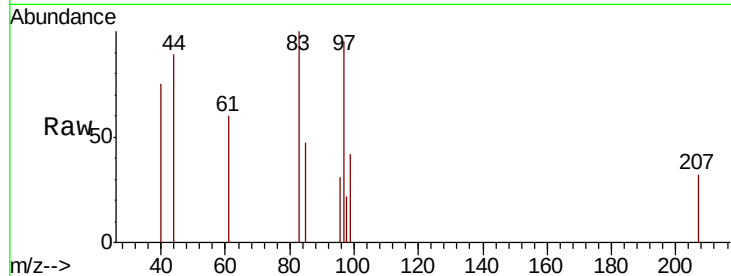
MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

Tot Ion: 97 Resp: 1140

Ion	Ratio	Lower	Upper
97	100		
83	105.0	71.0	106.4
85	49.2	46.2	69.4
99	44.4	49.7	74.5#

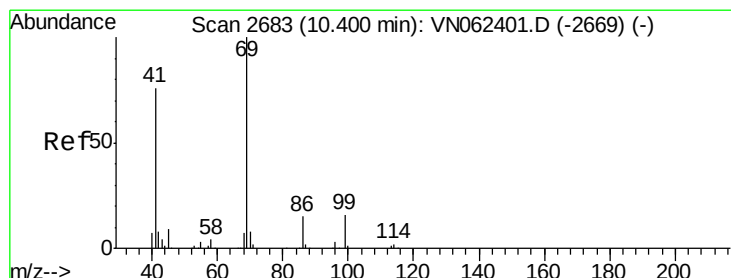
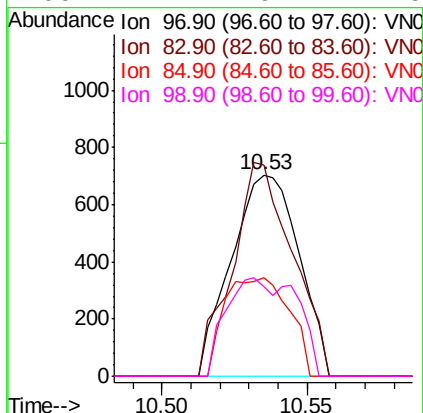
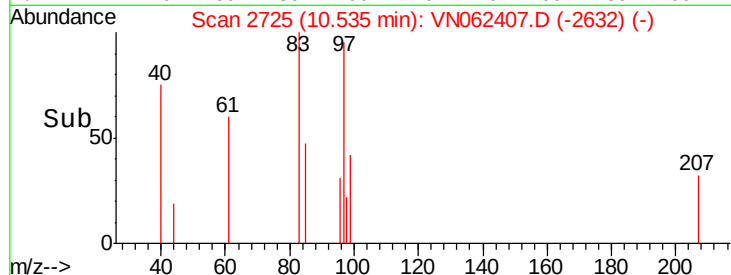


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 0.413 ug/l

RT: 10.40 min Scan# 2684

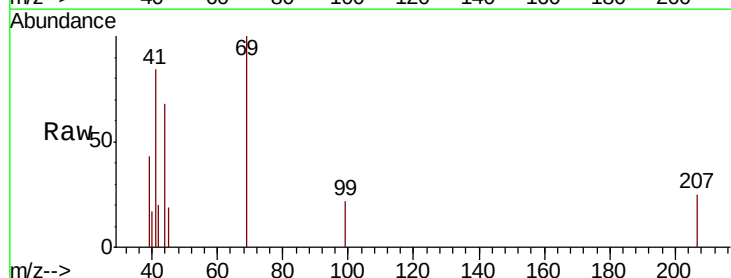
Delta R.T. 0.00 min

Lab File: VN062407.D

Acq: 8 Jul 2020 15:01

Tgt Ion: 69 Resp: 1492

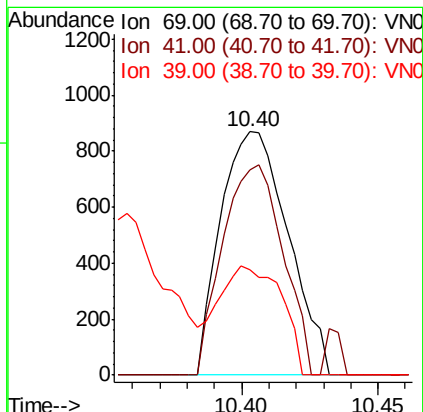
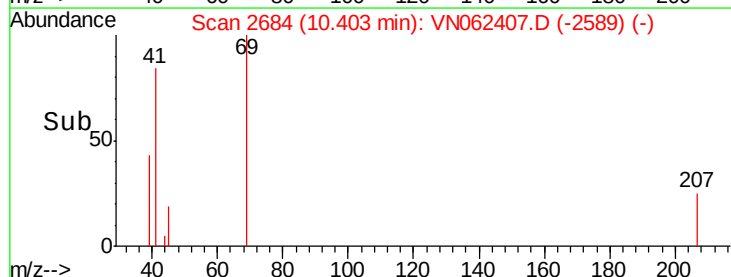
Ion	Ratio	Lower	Upper
69	100		
41	77.3	59.7	89.5
39	42.9	30.6	45.8

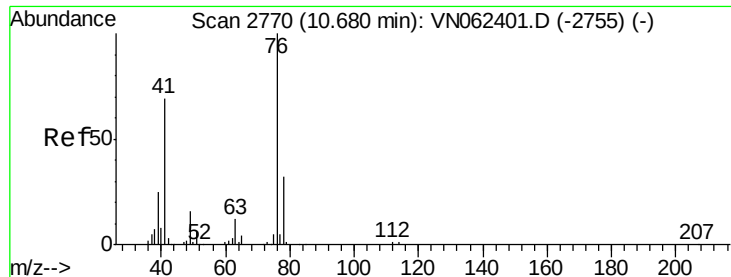


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

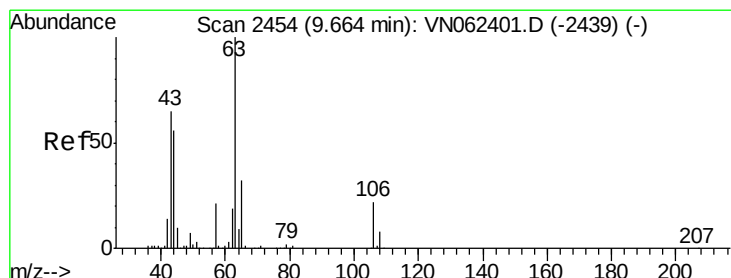
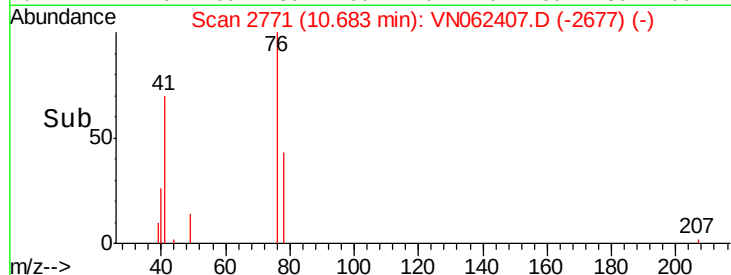
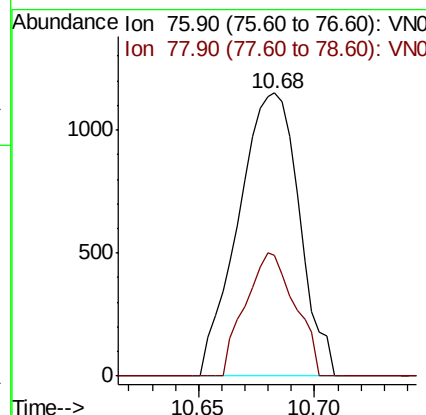
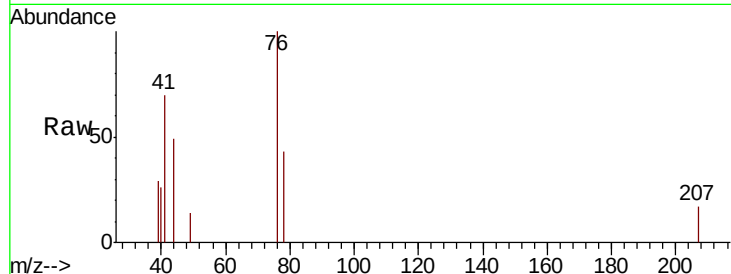




#57
 1,3-Dichloropropane
 Concen: 0.524 ug/l
 RT: 10.68 min Scan# 2771
 Delta R.T. 0.00 min
 Lab File: VN062407.D
 Acq: 8 Jul 2020 15:01

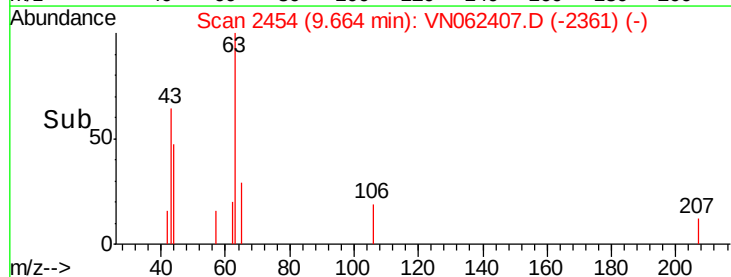
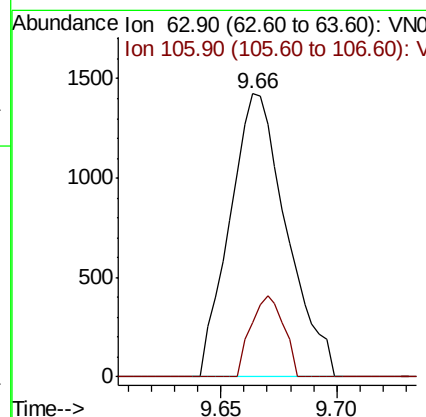
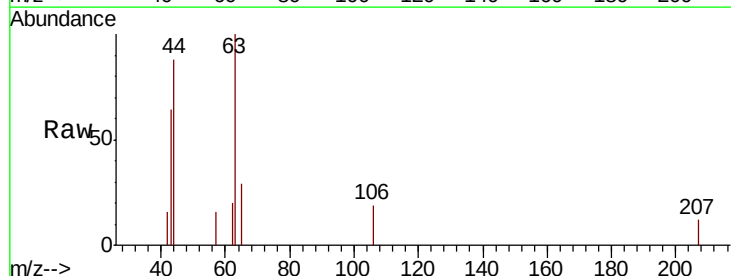
Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2020

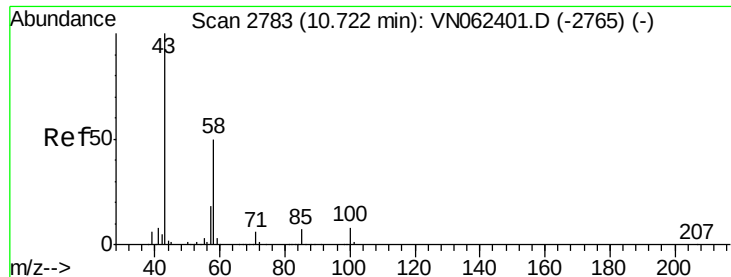
Tot Ion: 76 Resp: 2095
 Ion Ratio Lower Upper
 76 100
 78 35.7 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 1.888 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. -0.00 min
 Lab File: VN062407.D
 Acq: 8 Jul 2020 15:01

Tgt Ion: 63 Resp: 2423
 Ion Ratio Lower Upper
 63 100
 106 16.5 17.6 26.4#

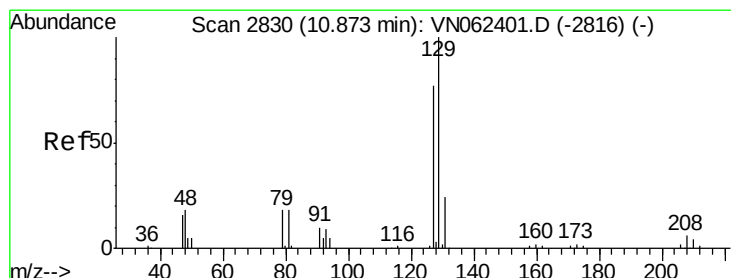
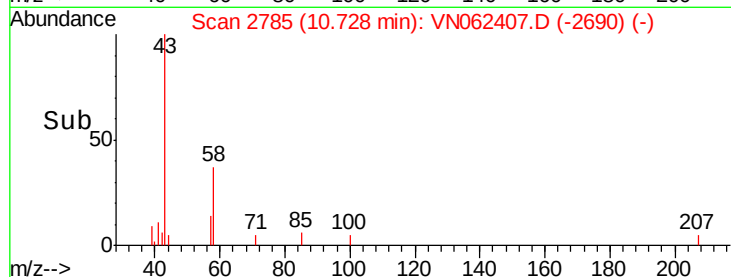
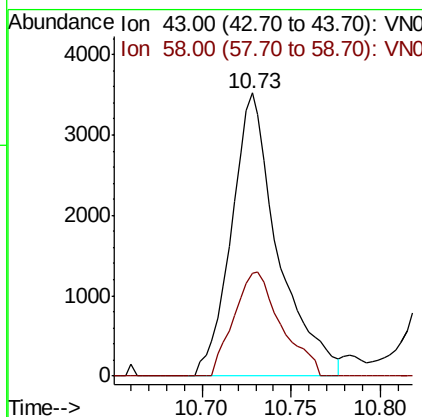
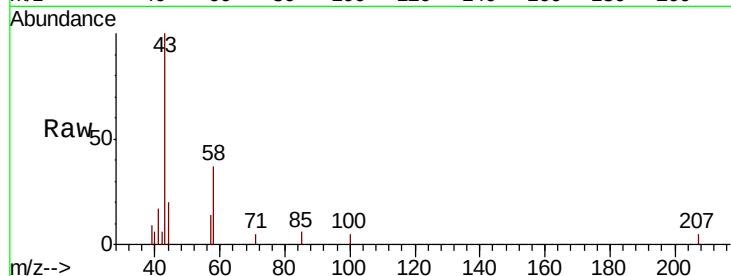




#59
2-Hexanone
Concen: 2.466 ug/l
RT: 10.73 min Scan# 2785
Delta R.T. 0.01 min
Lab File: VN062407.D
Acq: 8 Jul 2020 15:01

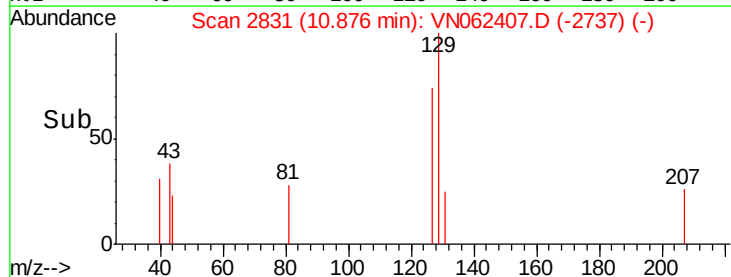
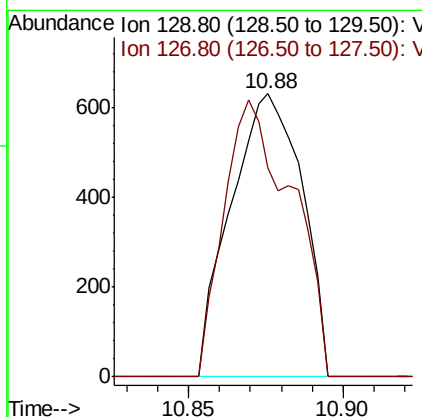
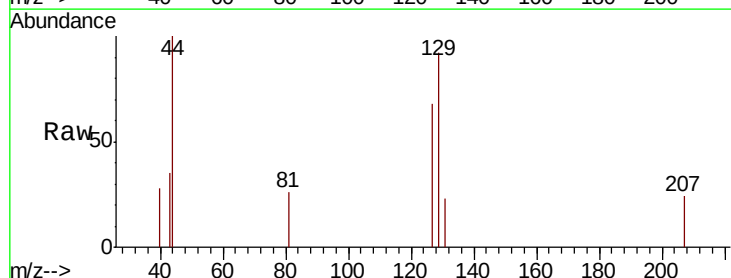
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

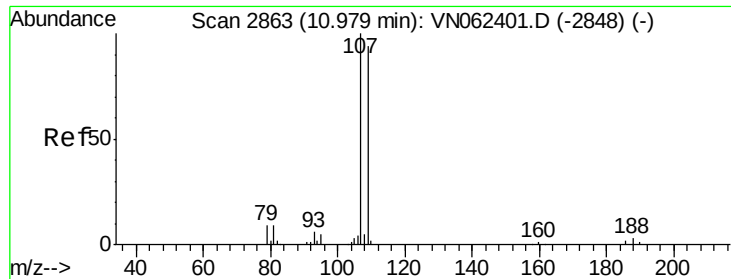
Tot Ion: 43 Resp: 6383
Ion Ratio Lower Upper
43 100
58 37.4 25.1 75.2



#60
Dibromochloromethane
Concen: 0.431 ug/l
RT: 10.88 min Scan# 2831
Delta R.T. 0.00 min
Lab File: VN062407.D
Acq: 8 Jul 2020 15:01

Tgt Ion: 129 Resp: 1010
Ion Ratio Lower Upper
129 100
127 93.8 38.6 115.8

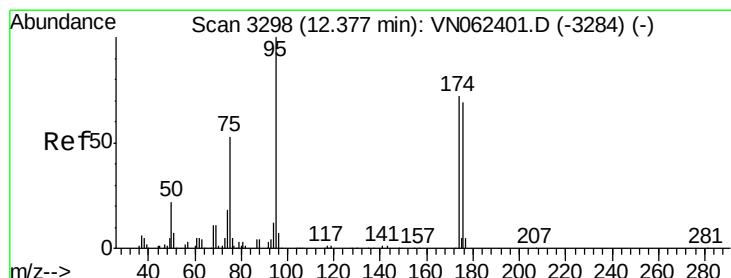
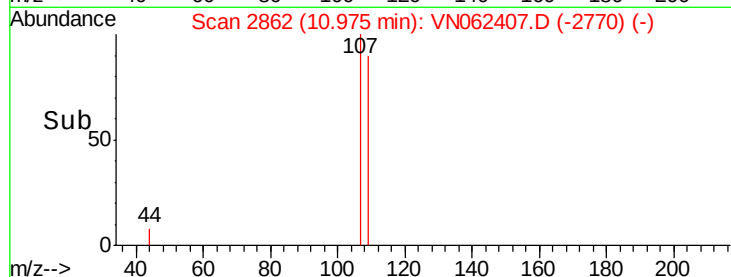
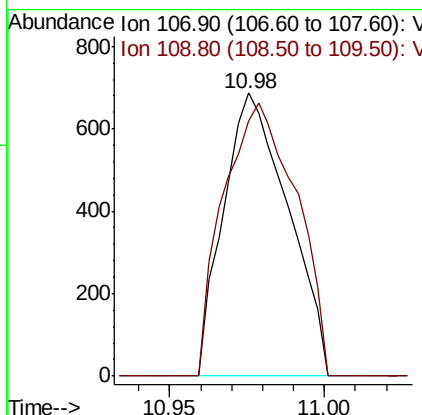
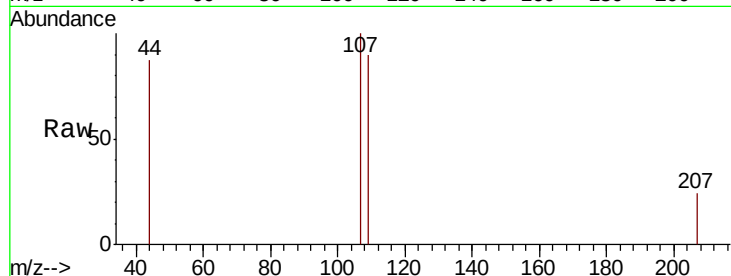




#61
 1,2-Dibromoethane
 Concen: 0.456 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: VN062407.D
 Acq: 8 Jul 2020 15:01

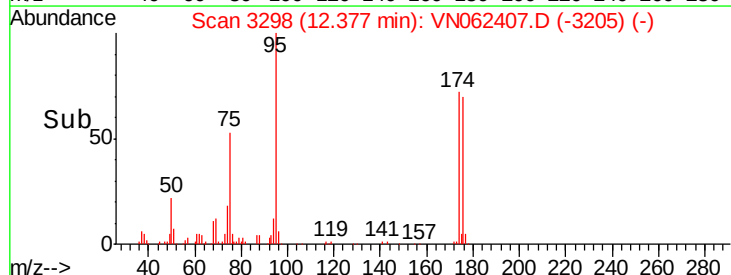
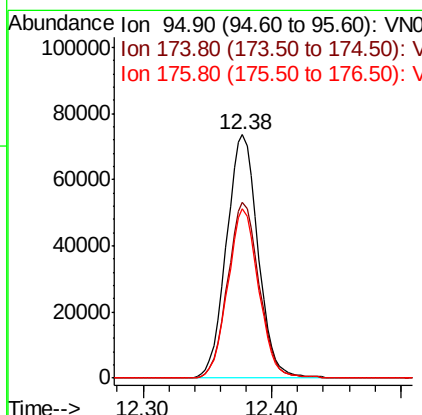
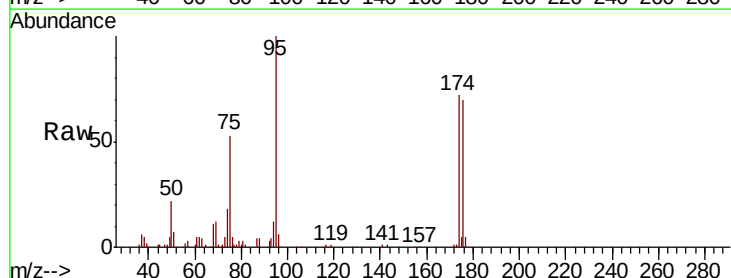
Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2020

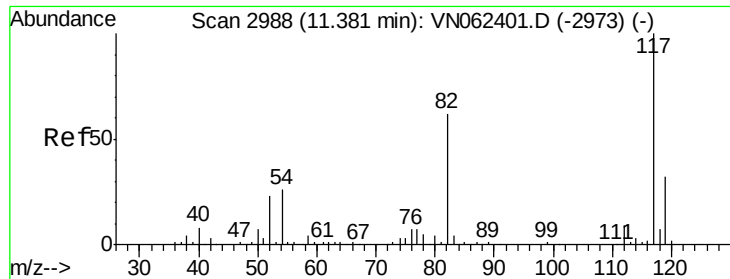
Tot Ion: 107 Resp: 995
 Ion Ratio Lower Upper
 107 100
 109 108.9 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 43.696 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VN062407.D
 Acq: 8 Jul 2020 15:01

Tgt Ion: 95 Resp: 124961
 Ion Ratio Lower Upper
 95 100
 174 72.3 0.0 141.6
 176 68.5 0.0 137.2

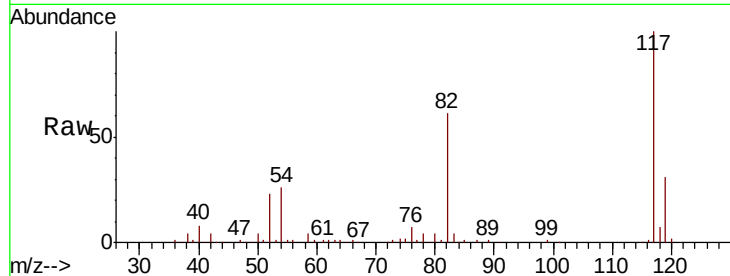




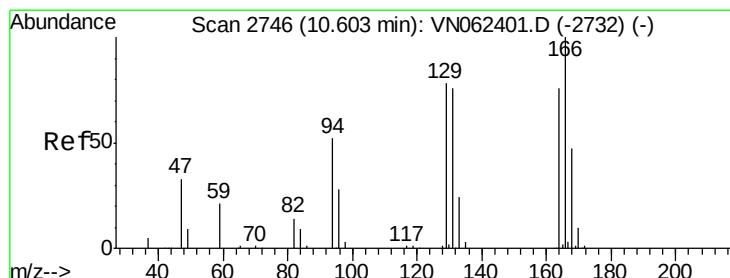
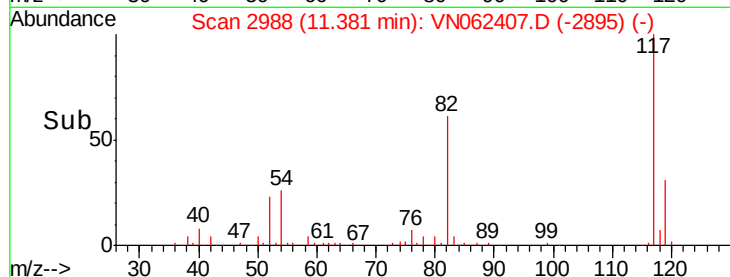
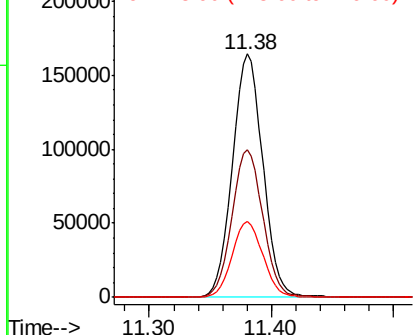
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062407.D
Acq: 8 Jul 2020 15:01

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

Tot Ion:117 Resp: 285095
Ion Ratio Lower Upper
117 100
82 60.5 49.6 74.4
119 31.1 25.4 38.0

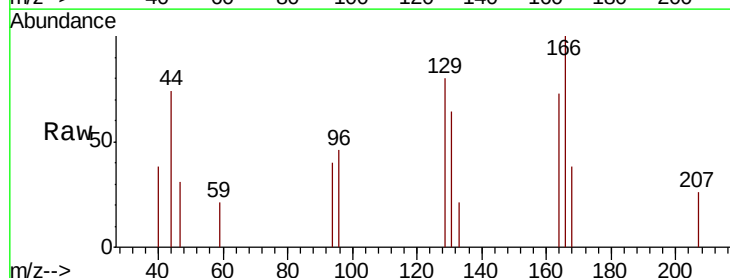


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

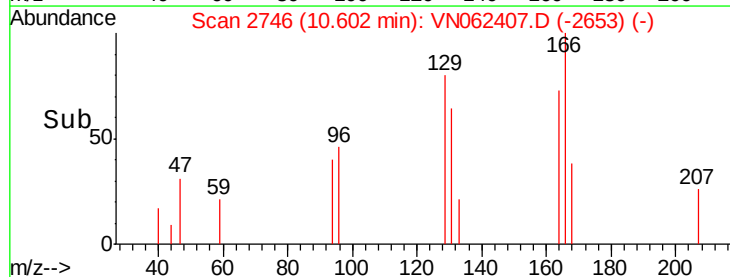
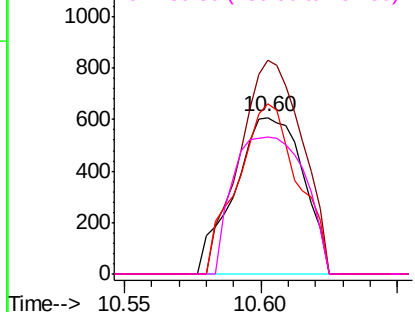


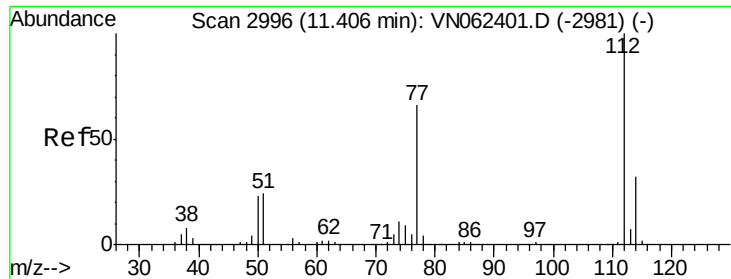
#64
Tetrachloroethene
Concen: 0.630 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062407.D
Acq: 8 Jul 2020 15:01

Tgt Ion:164 Resp: 1065
Ion Ratio Lower Upper
164 100
166 136.3 104.9 157.3
129 108.5 81.8 122.6
131 87.5 79.3 118.9



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

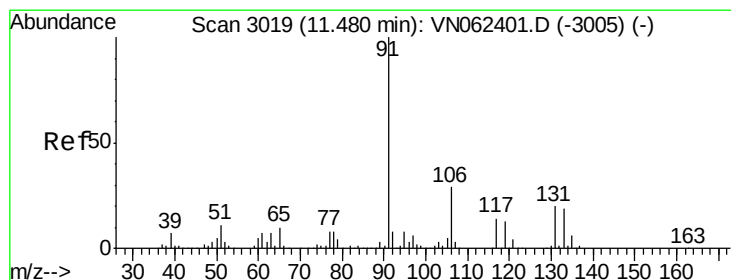
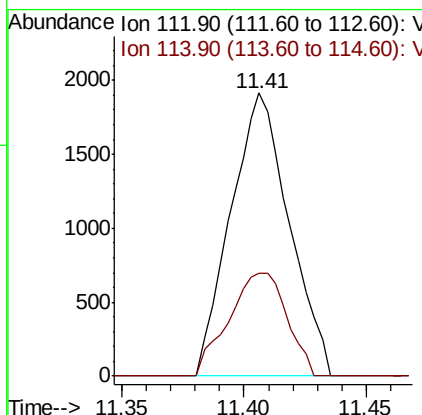
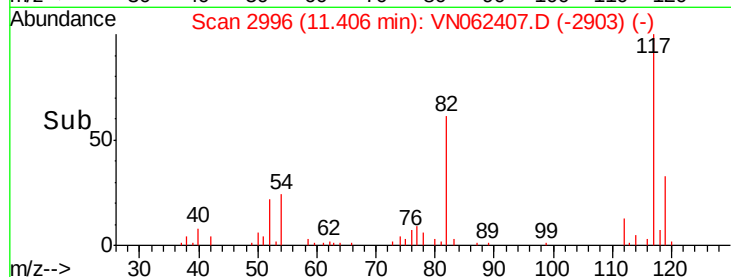
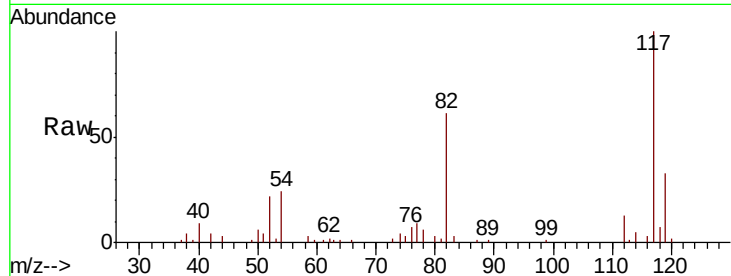




#65
Chlorobenzene
Concen: 0.573 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN062407.D
Acq: 8 Jul 2020 15:01

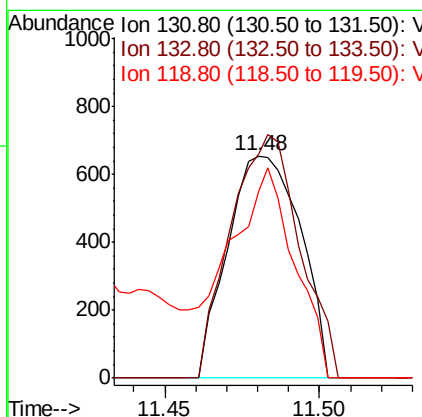
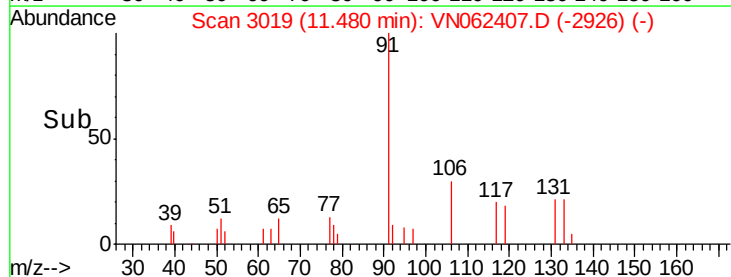
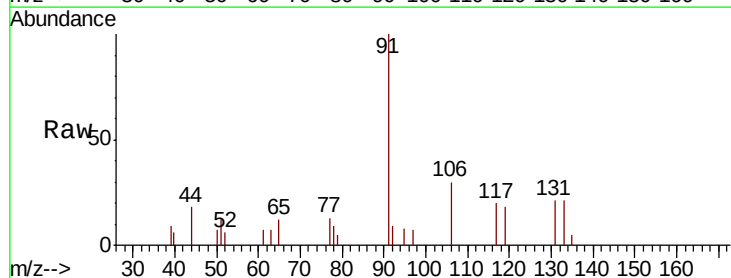
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

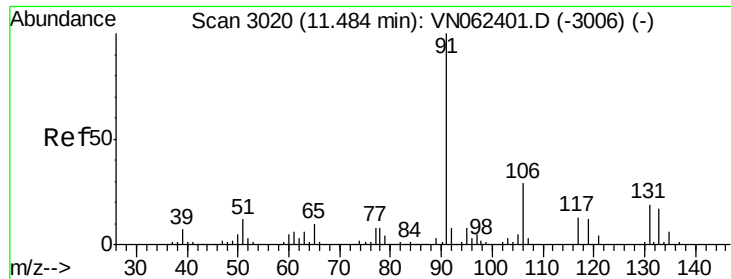
Tot Ion:112 Resp: 3174
Ion Ratio Lower Upper
112 100
114 36.6 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 0.524 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN062407.D
Acq: 8 Jul 2020 15:01

Tgt Ion:131 Resp: 1070
Ion Ratio Lower Upper
131 100
133 104.4 46.9 140.8
119 0.0 33.2 99.6#

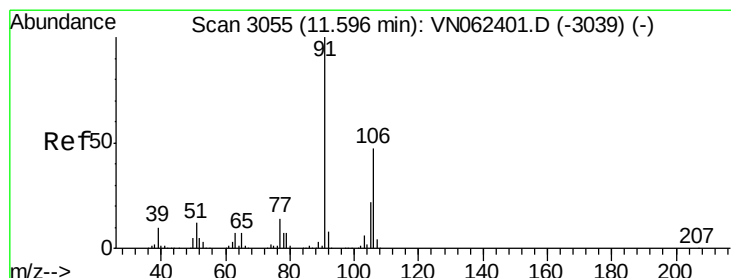
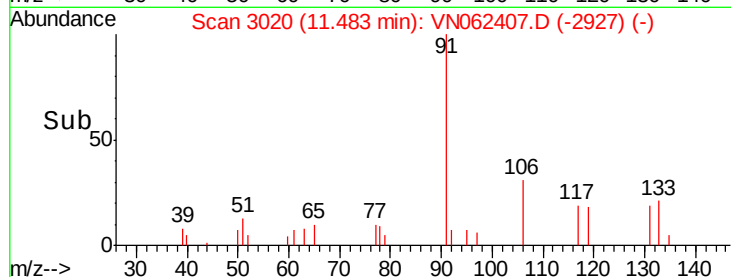
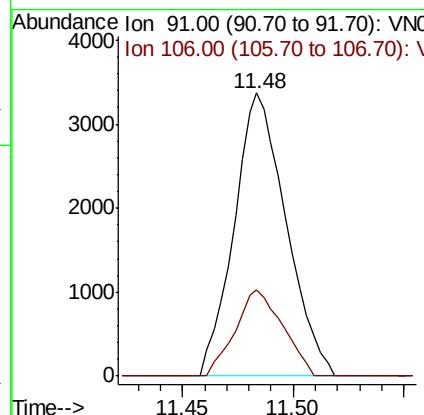
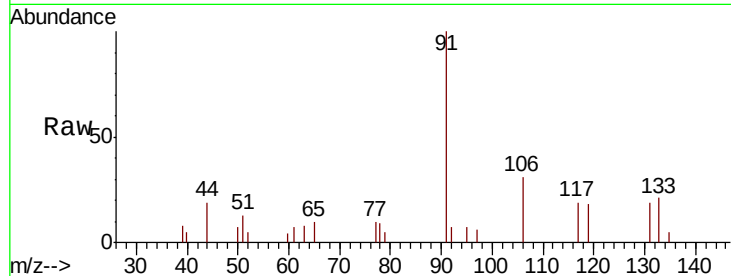




#67
Ethyl Benzene
Concen: 0.528 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062407.D
Acq: 8 Jul 2020 15:01

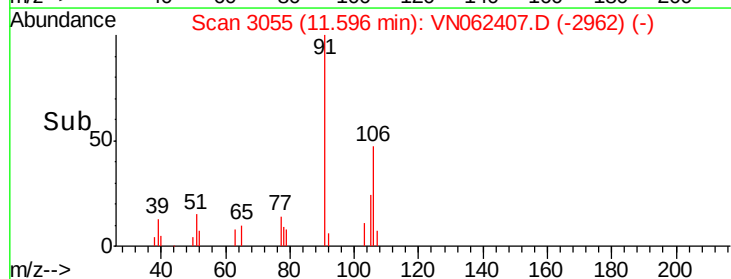
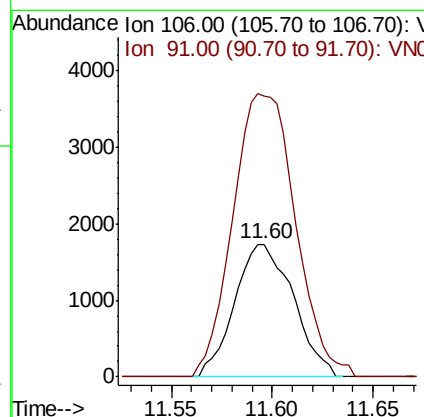
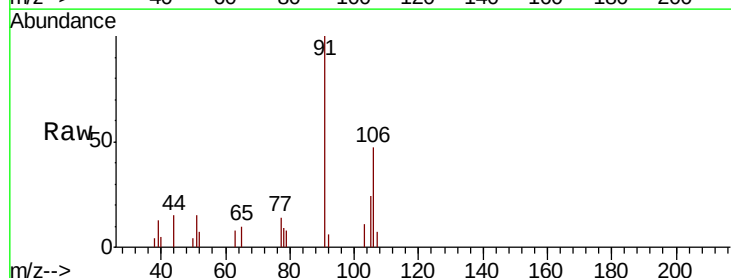
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

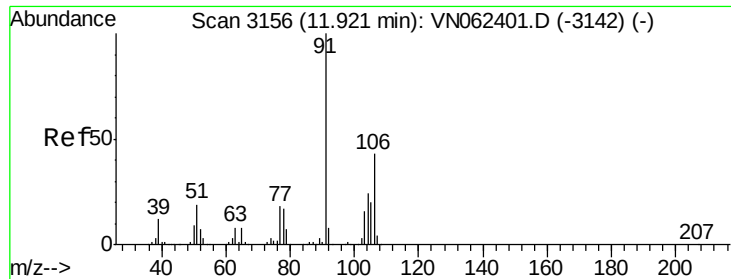
Tot Ion: 91 Resp: 5493
Ion Ratio Lower Upper
91 100
106 30.7 23.4 35.2



#68
m/p-Xylenes
Concen: 0.956 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. -0.00 min
Lab File: VN062407.D
Acq: 8 Jul 2020 15:01

Tgt Ion: 106 Resp: 3520
Ion Ratio Lower Upper
106 100
91 227.8 172.4 258.6

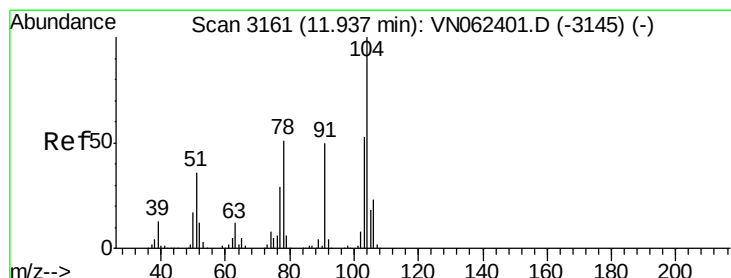
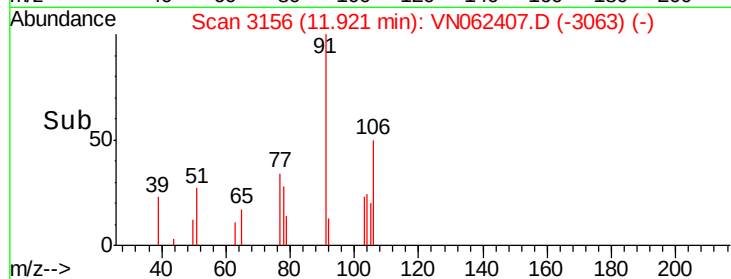
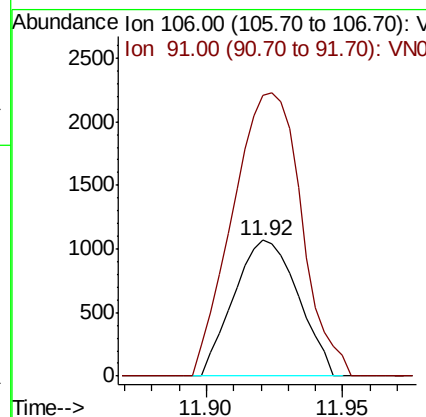
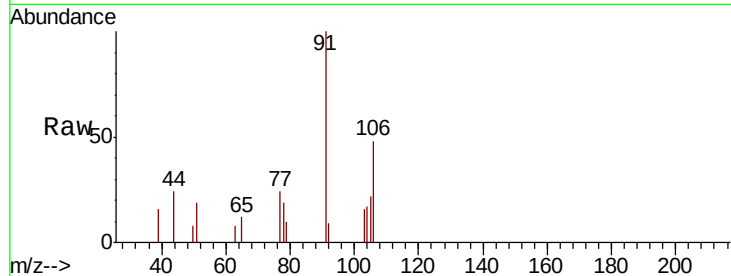




#69
o-Xylene
Concen: 0.488 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062407.D
Acq: 8 Jul 2020 15:01

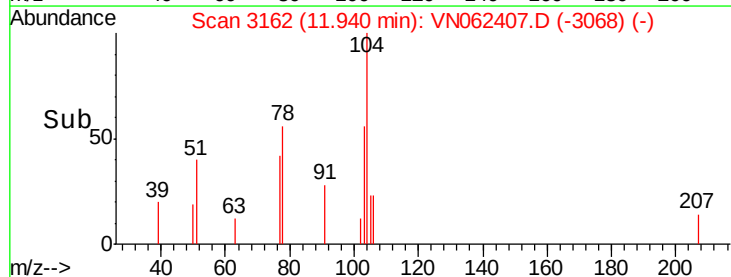
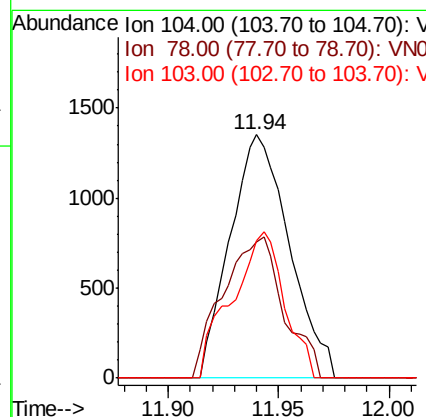
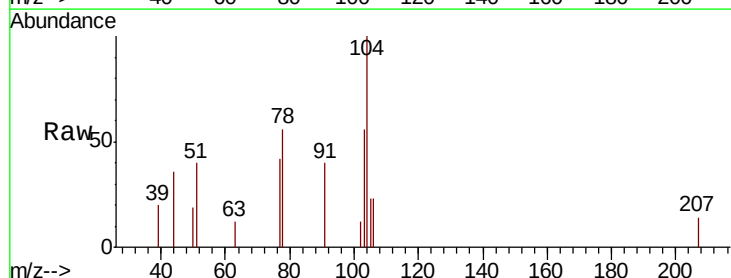
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

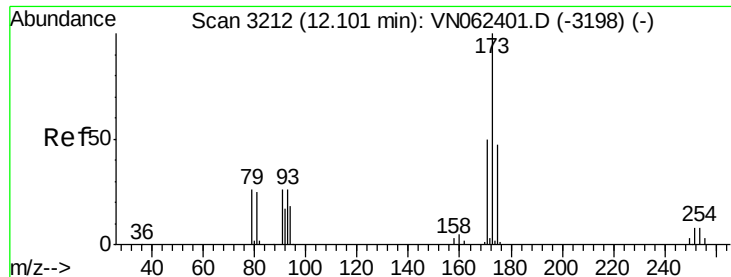
Tot Ion:106 Resp: 1749
Ion Ratio Lower Upper
106 100
91 222.9 113.8 341.4



#70
Styrene
Concen: 0.426 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN062407.D
Acq: 8 Jul 2020 15:01

Tgt Ion:104 Resp: 2524
Ion Ratio Lower Upper
104 100
78 59.5 44.2 66.4
103 53.3 44.4 66.6





#71

Bromoform

Concen: 0.515 ug/l

RT: 12.10 min Scan# 3213

Delta R.T. 0.00 min

Lab File: VN062407.D

Acq: 8 Jul 2020 15:01

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

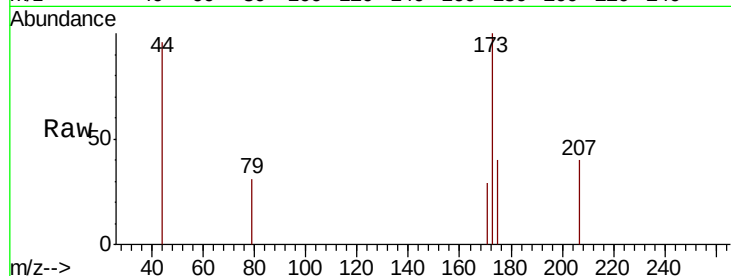
Tot Ion:173 Resp: 771

Ion Ratio Lower Upper

173 100

175 30.6 23.7 71.1

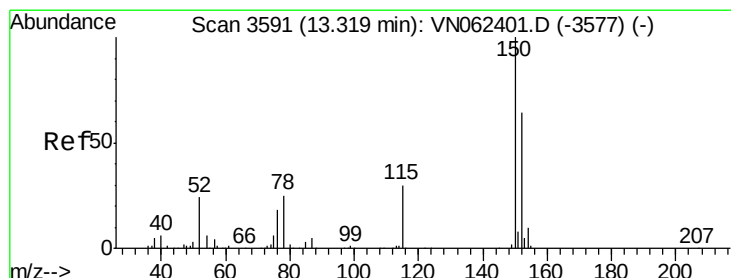
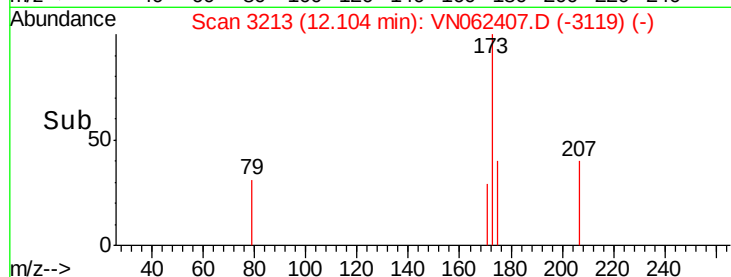
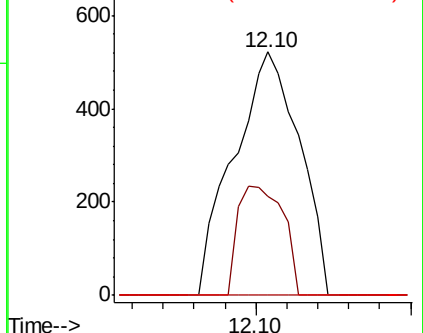
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. -0.00 min

Lab File: VN062407.D

Acq: 8 Jul 2020 15:01

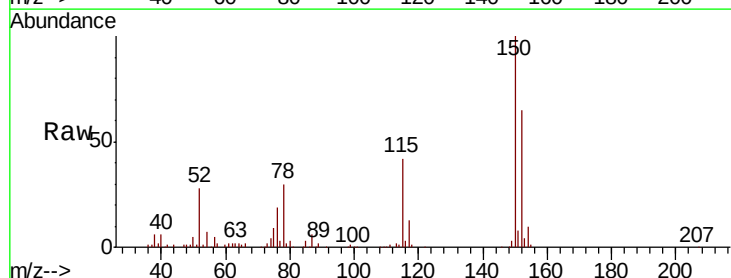
Tgt Ion:152 Resp: 104957

Ion Ratio Lower Upper

152 100

115 63.6 31.4 94.2

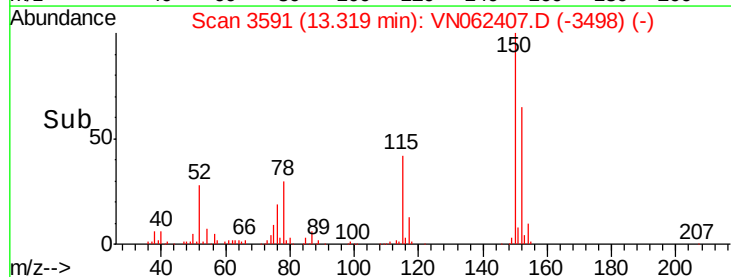
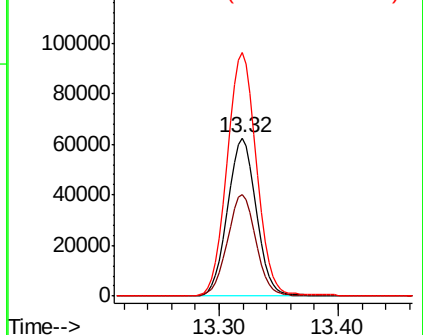
150 157.8 0.0 347.4

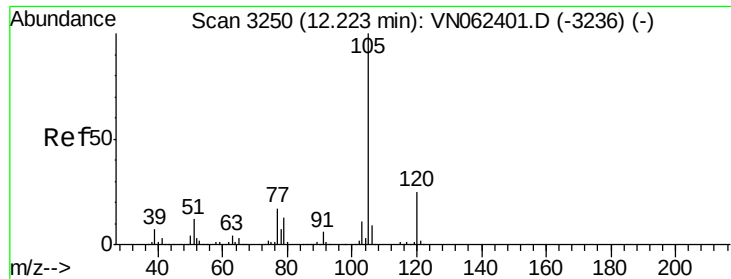


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

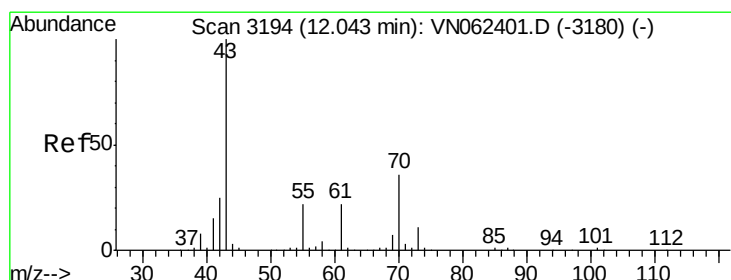
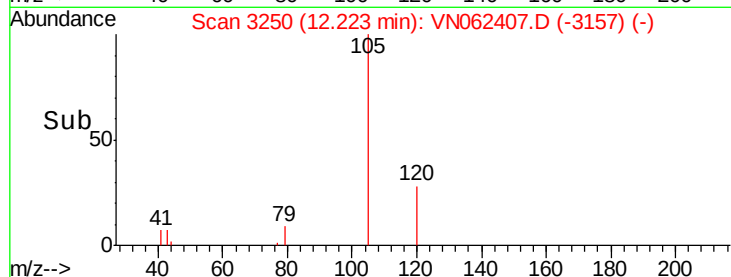
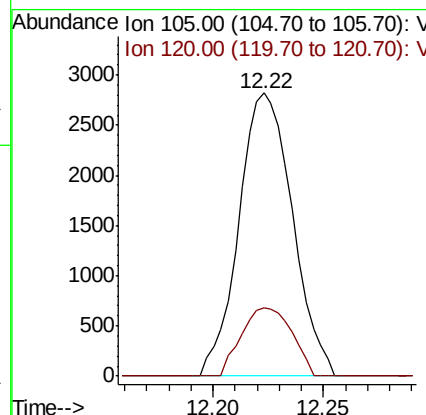
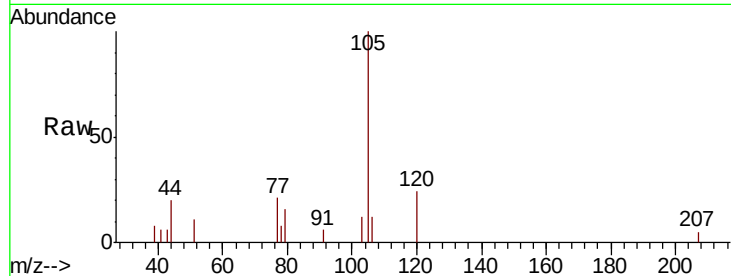




#73
Isopropylbenzene
Concen: 0.587 ug/l
RT: 12.22 min Scan# 3250
Delta R.T. -0.00 min
Lab File: VN062407.D
Acq: 8 Jul 2020 15:01

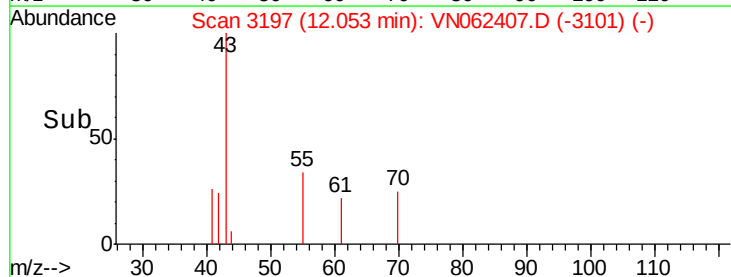
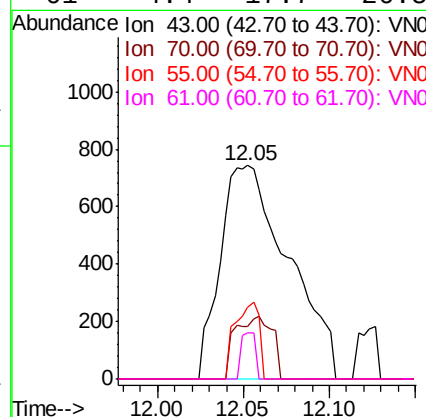
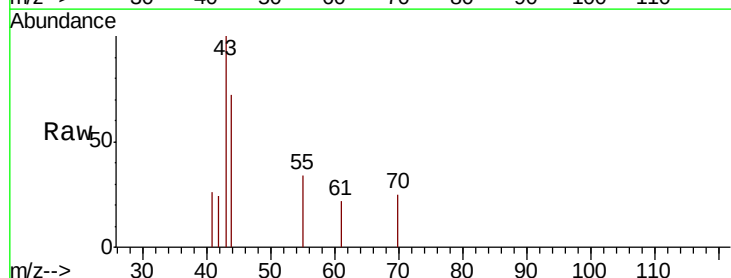
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

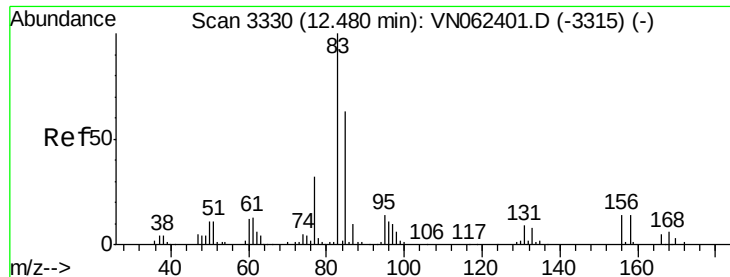
Tot Ion:105 Resp: 4765
Ion Ratio Lower Upper
105 100
120 22.7 12.7 38.1



#74
N-ethyl acetate
Concen: 0.520 ug/l
RT: 12.05 min Scan# 3197
Delta R.T. 0.01 min
Lab File: VN062407.D
Acq: 8 Jul 2020 15:01

Tgt Ion: 43 Resp: 2055
Ion Ratio Lower Upper
43 100
70 15.7 30.0 45.0#
55 12.6 18.2 27.4#
61 4.4 17.7 26.5#





#75

1,1,2,2-Tetrachloroethane

Concen: 0.603 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. -0.00 min

Lab File: VN062407.D

Acq: 8 Jul 2020 15:01

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

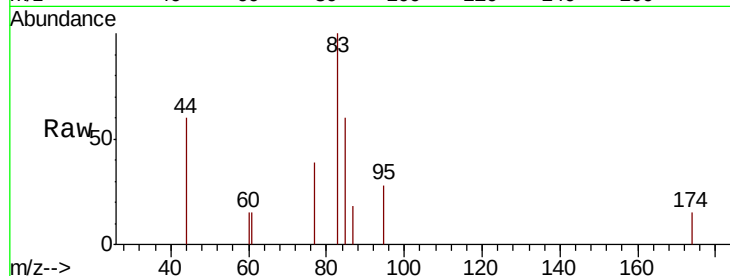
Tot Ion: 83 Resp: 1648

Ion Ratio Lower Upper

83 100

131 0.0 4.5 13.5#

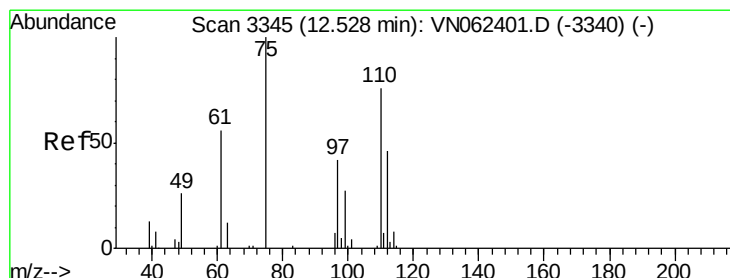
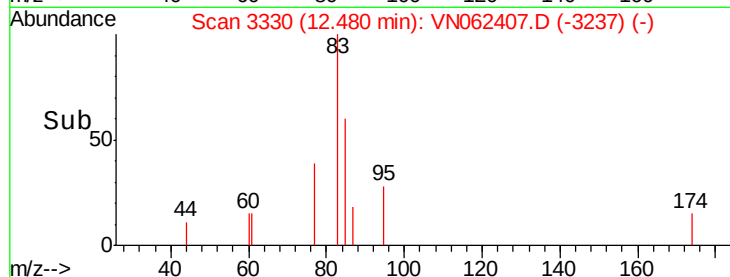
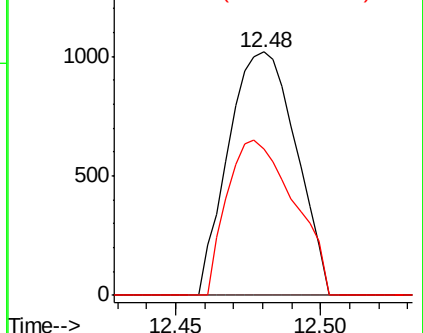
85 63.4 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VN062407.D (-3237) (-)

Ion 130.80 (130.50 to 131.50): VN062407.D (-3237) (-)

Ion 84.90 (84.60 to 85.60): VN062407.D (-3237) (-)



#76

1,2,3-Trichloropropane

Concen: 0.881 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN062407.D

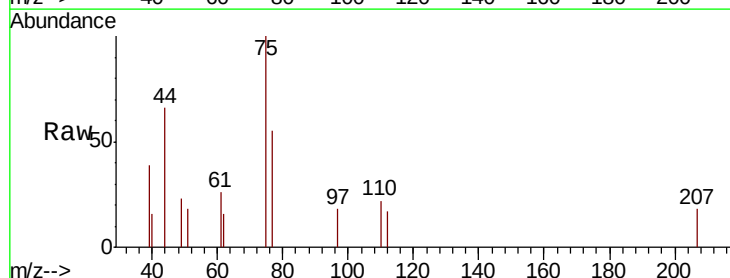
Acq: 8 Jul 2020 15:01

Tgt Ion: 75 Resp: 2270

Ion Ratio Lower Upper

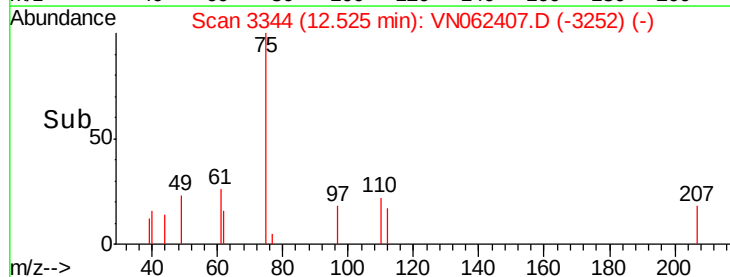
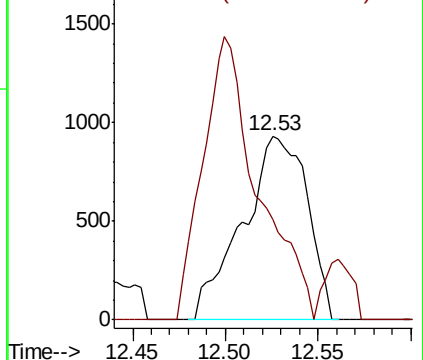
75 100

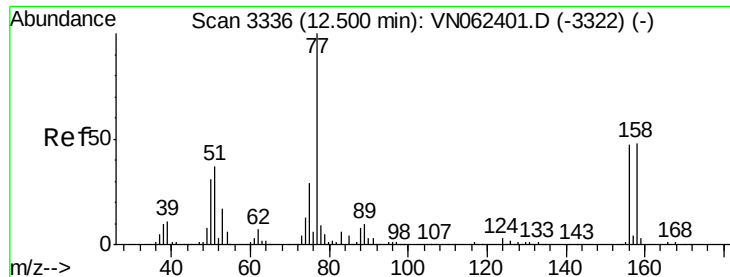
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN062407.D (-3252) (-)

Ion 77.00 (76.70 to 77.70): VN062407.D (-3252) (-)





#77

Bromobenzene

Concen: 0.683 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. 0.01 min

Lab File: VN062407.D

Acq: 8 Jul 2020 15:01

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

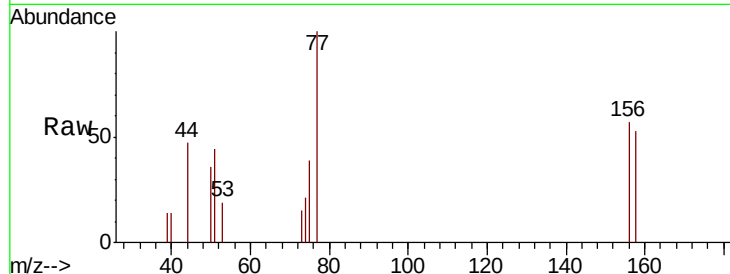
Tot Ion:156 Resp: 1262

Ion Ratio Lower Upper

156 100

77 234.1 126.4 379.3

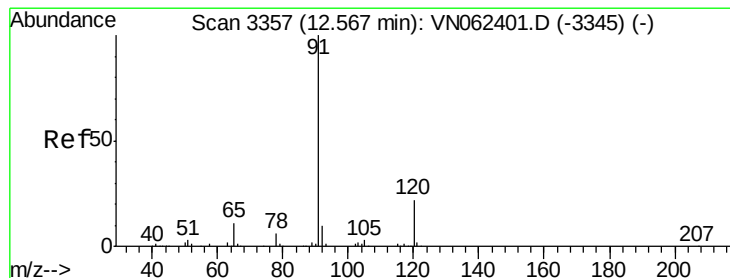
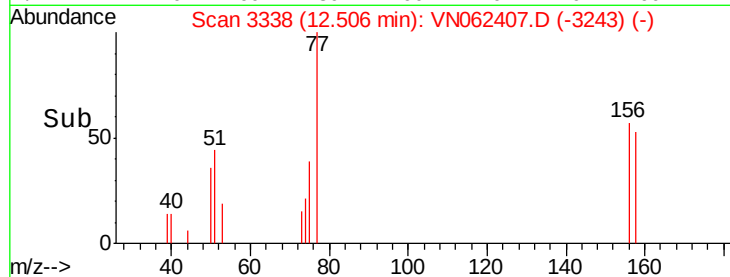
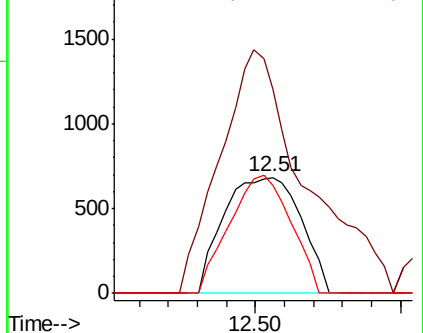
158 80.9 49.8 149.4



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: 0.594 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. -0.00 min

Lab File: VN062407.D

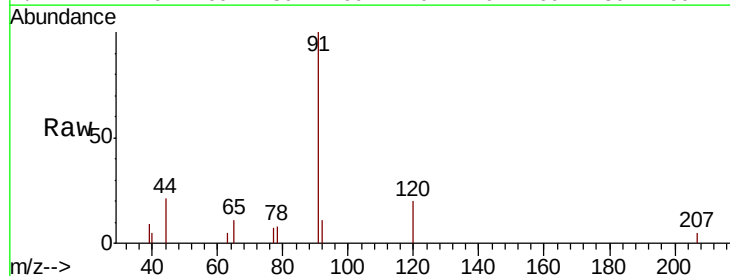
Acq: 8 Jul 2020 15:01

Tgt Ion: 91 Resp: 5634

Ion Ratio Lower Upper

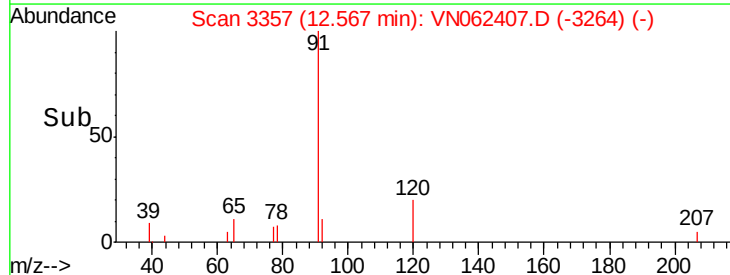
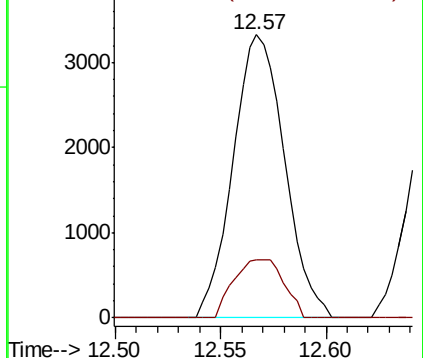
91 100

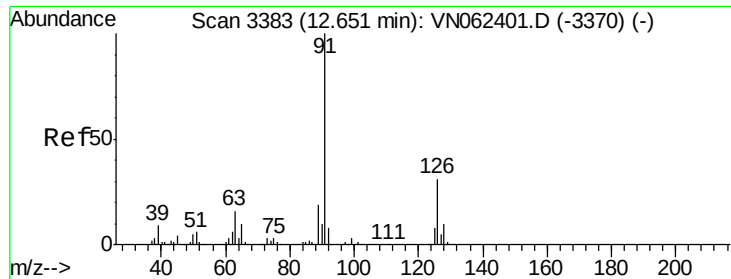
120 20.1 10.7 32.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 0.636 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. -0.00 min

Lab File: VN062407.D

Acq: 8 Jul 2020 15:01

Instrument :

MSVOA_N

ClientSampleId :

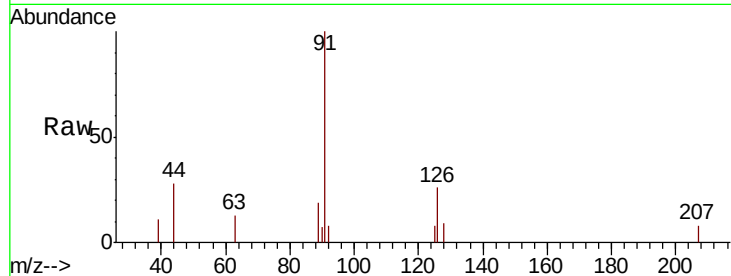
LOD-MDL-WATER-01-QT3-2020

Tot Ion: 91 Resp: 3661

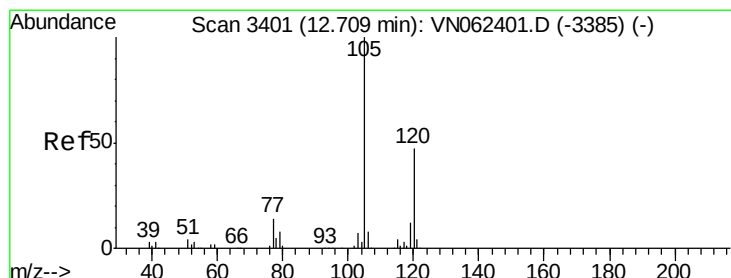
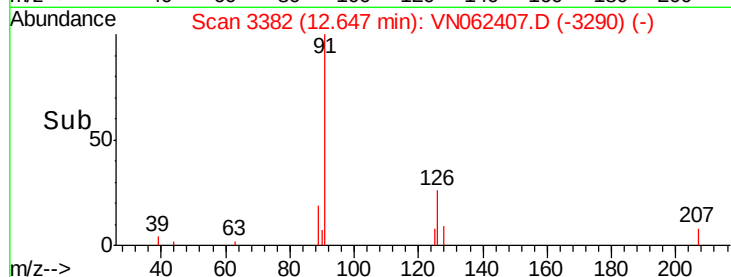
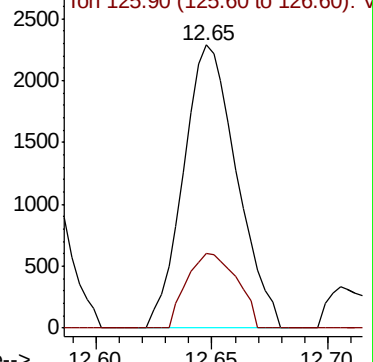
Ion Ratio Lower Upper

91 100

126 24.6 15.6 46.7



Abundance Ion 91.00 (90.70 to 91.70): VN062401.D (-3370) (-)



#80

1,3,5-Trimethylbenzene

Concen: 0.551 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN062407.D

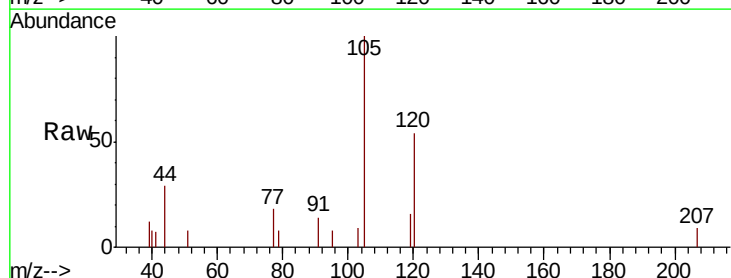
Acq: 8 Jul 2020 15:01

Tgt Ion: 105 Resp: 3671

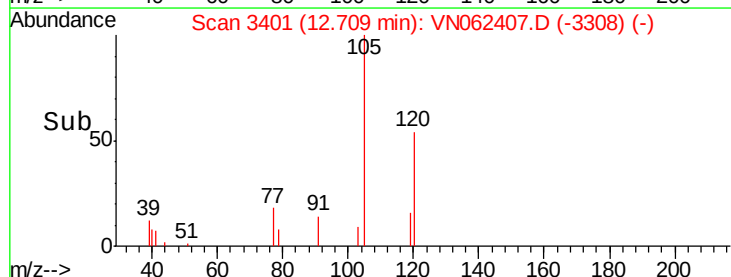
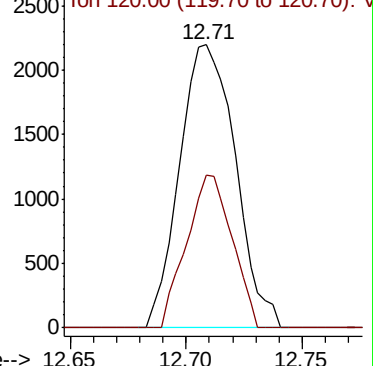
Ion Ratio Lower Upper

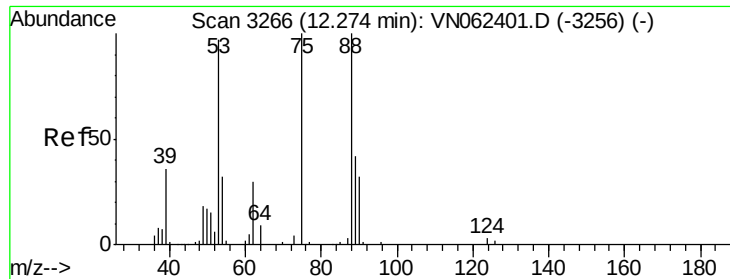
105 100

120 44.0 23.4 70.2



Abundance Ion 105.00 (104.70 to 105.70): VN062401.D (-3385) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 68.871 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.10 min

Lab File: VN062407.D

Acq: 8 Jul 2020 15:01

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

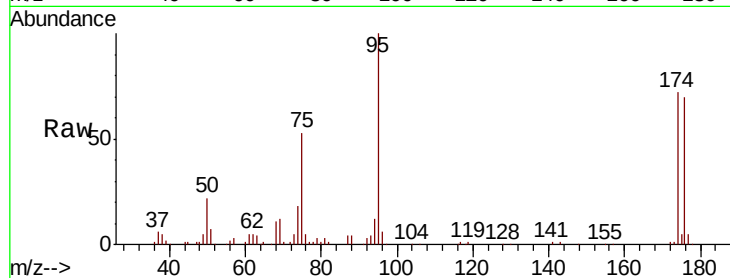
Tot Ion: 75 Resp: 66265

Ion Ratio Lower Upper

75 100

53 0.0 79.2 118.8#

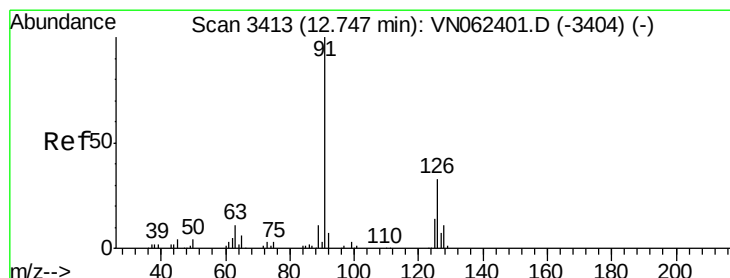
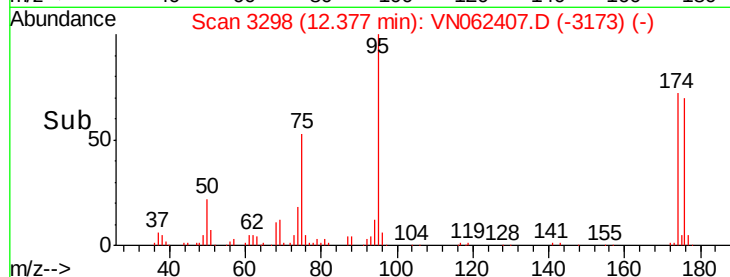
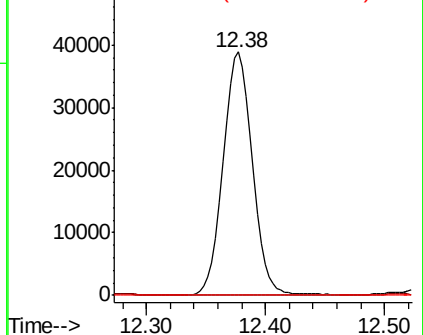
89 0.0 34.6 52.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 0.629 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN062407.D

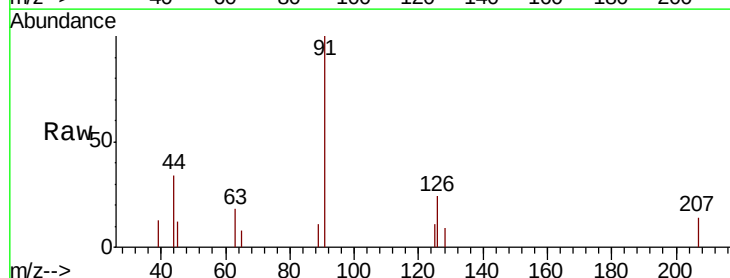
Acq: 8 Jul 2020 15:01

Tgt Ion: 91 Resp: 3679

Ion Ratio Lower Upper

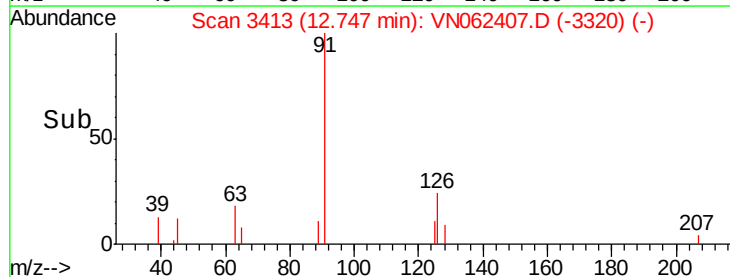
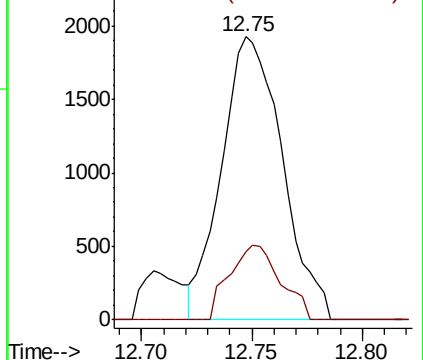
91 100

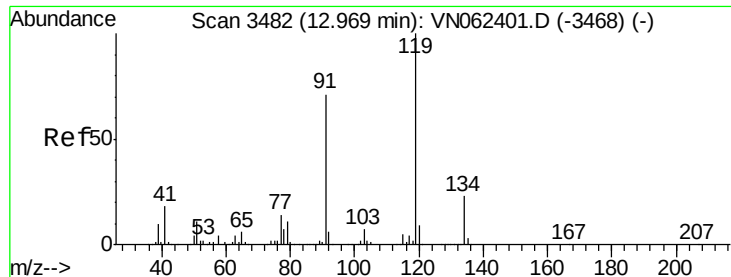
126 22.2 15.2 45.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

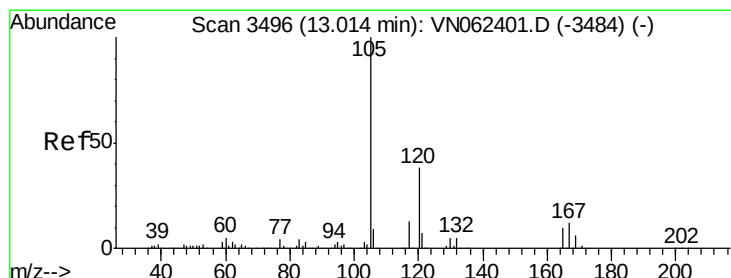
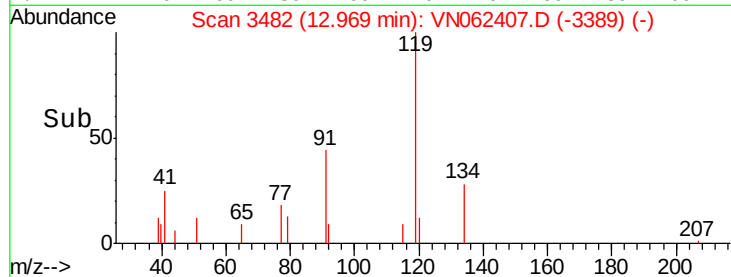
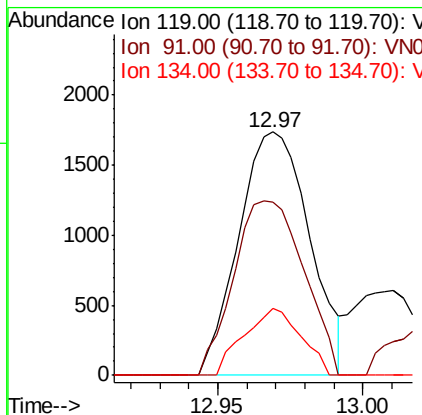
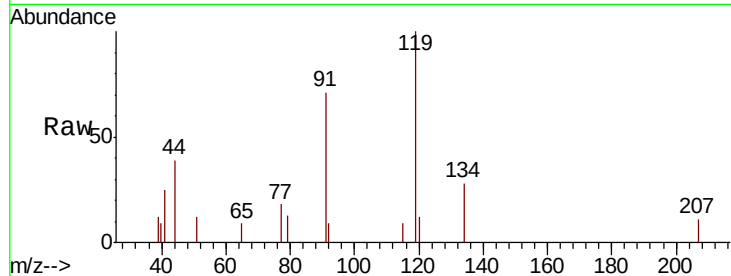




#83
 tert-Butylbenzene
 Concen: 0.522 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN062407.D
 Acq: 8 Jul 2020 15:01

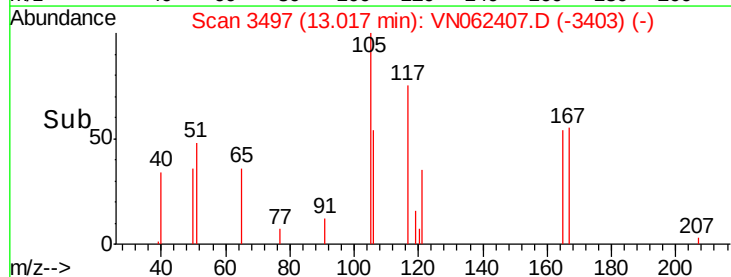
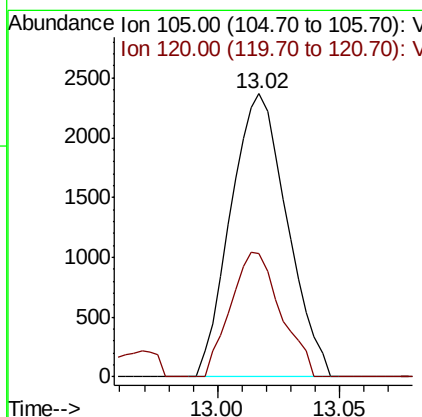
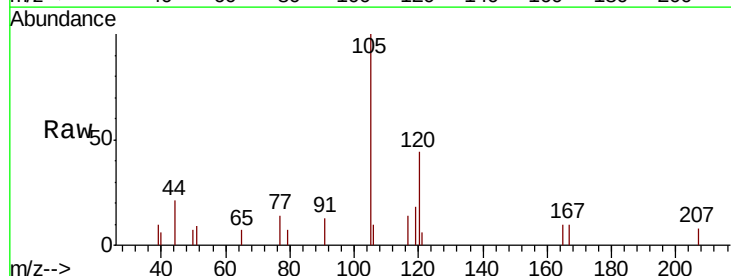
Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2020

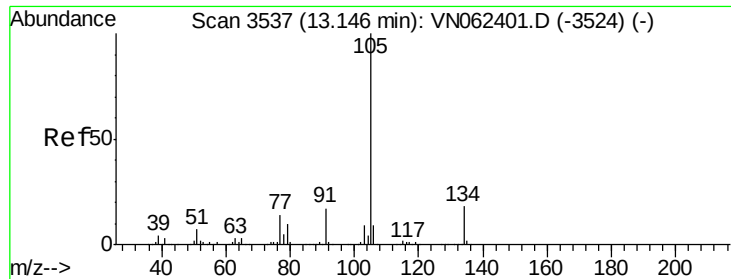
Tot Ion:119 Resp: 2950
 Ion Ratio Lower Upper
 119 100
 91 70.9 34.8 104.3
 134 22.2 11.7 35.0



#84
 1,2,4-Trimethylbenzene
 Concen: 0.572 ug/l
 RT: 13.02 min Scan# 3497
 Delta R.T. 0.00 min
 Lab File: VN062407.D
 Acq: 8 Jul 2020 15:01

Tgt Ion:105 Resp: 3787
 Ion Ratio Lower Upper
 105 100
 120 39.3 21.6 64.8

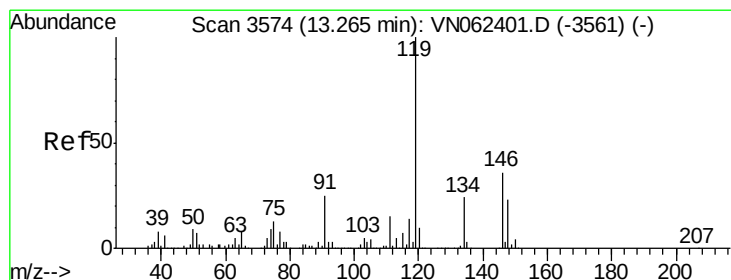
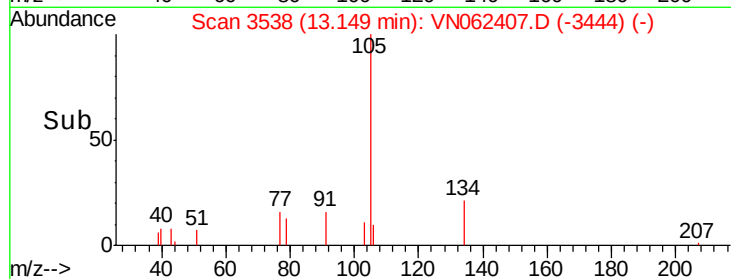
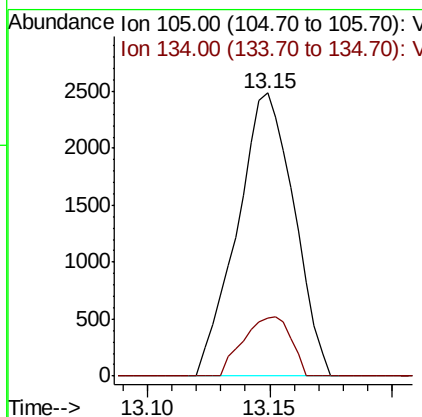
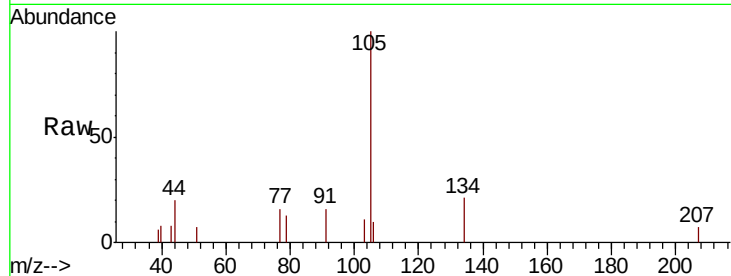




#85
 sec-Butylbenzene
 Concen: 0.536 ug/l
 RT: 13.15 min Scan# 3538
 Delta R.T. 0.00 min
 Lab File: VN062407.D
 Acq: 8 Jul 2020 15:01

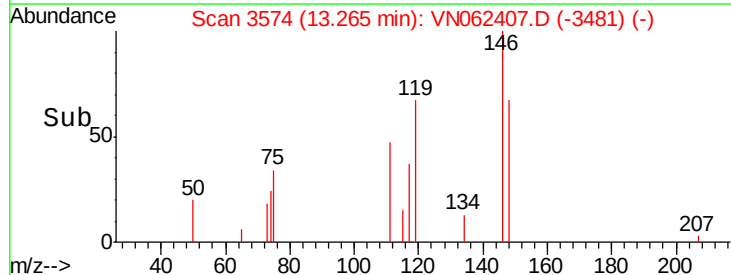
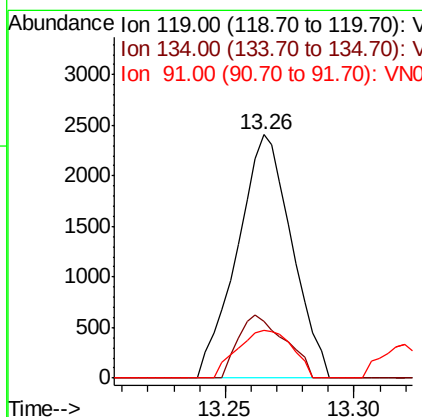
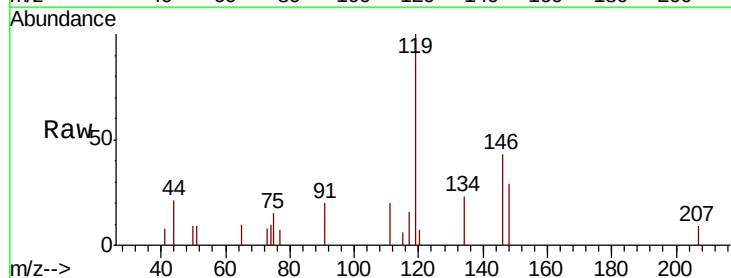
Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2020

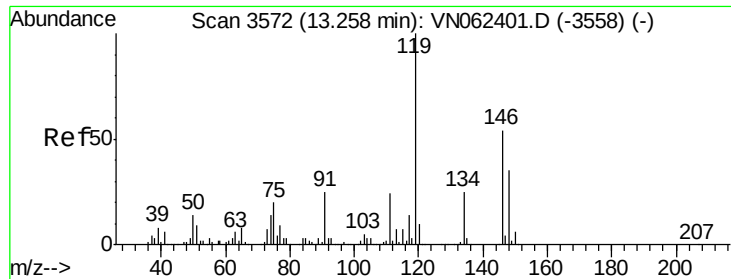
Tot Ion:105 Resp: 4015
 Ion Ratio Lower Upper
 105 100
 134 17.4 9.3 28.0



#86
 p-Isopropyltoluene
 Concen: 0.549 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. -0.00 min
 Lab File: VN062407.D
 Acq: 8 Jul 2020 15:01

Tgt Ion:119 Resp: 3548
 Ion Ratio Lower Upper
 119 100
 134 22.3 12.4 37.0
 91 19.8 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 0.569 ug/l

RT: 13.26 min Scan# 3573

Delta R.T. 0.00 min

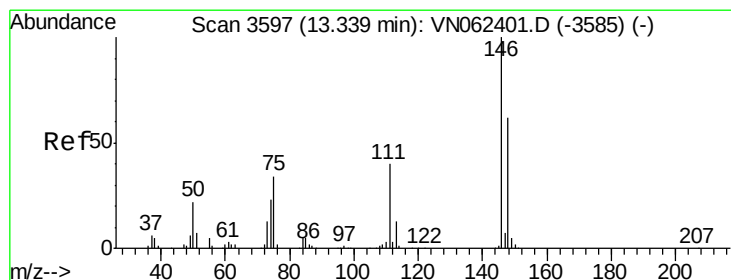
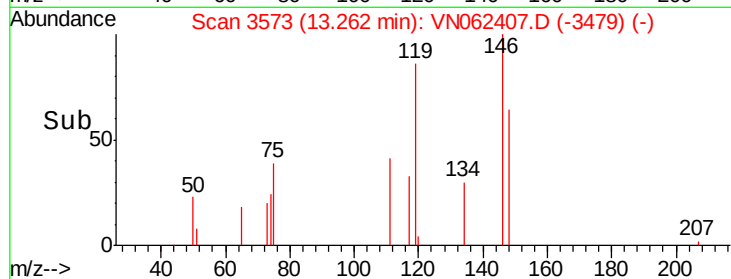
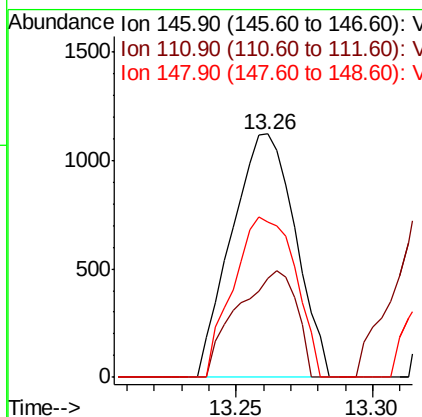
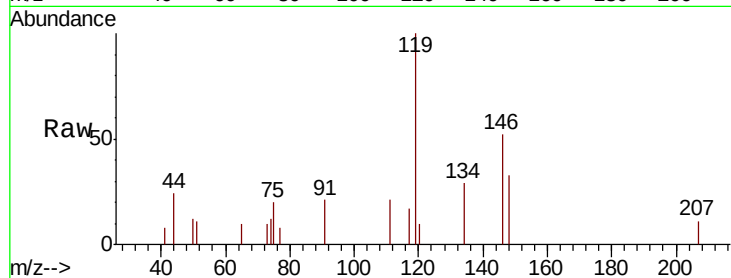
Lab File: VN062407.D

Acq: 8 Jul 2020 15:01

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

Tot Ion:146 Resp: 1814

Ion	Ratio	Lower	Upper
146	100		
111	40.9	21.6	64.6
148	64.2	32.2	96.6



#88

1,4-Dichlorobenzene

Concen: 0.553 ug/l

RT: 13.26 min Scan# 3573

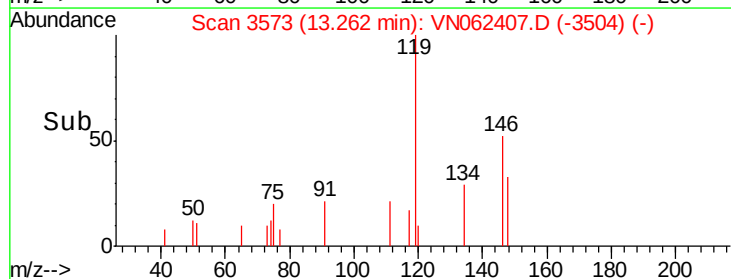
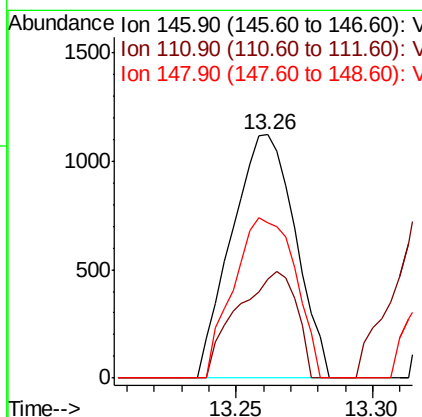
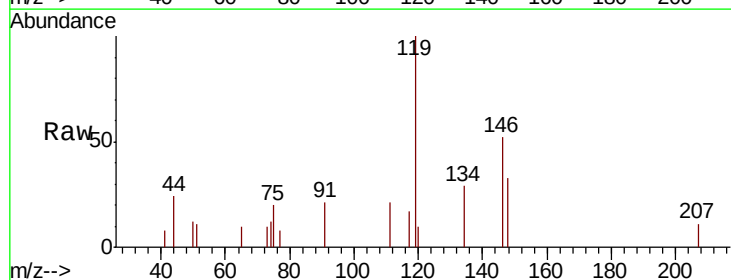
Delta R.T. -0.08 min

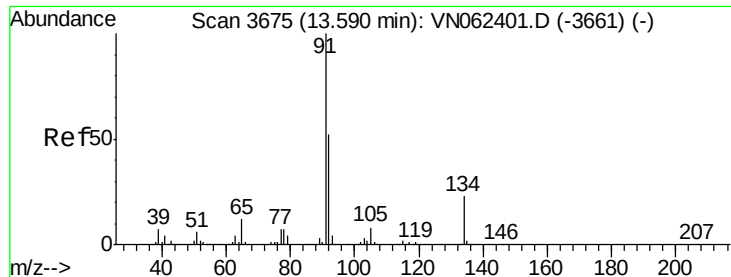
Lab File: VN062407.D

Acq: 8 Jul 2020 15:01

Tgt Ion:146 Resp: 1814

Ion	Ratio	Lower	Upper
146	100		
111	40.9	21.1	63.1
148	64.2	31.4	94.2





#89

n-Butylbenzene

Concen: 0.474 ug/l

RT: 13.59 min Scan# 3676

Delta R.T. 0.00 min

Lab File: VN062407.D

Acq: 8 Jul 2020 15:01

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

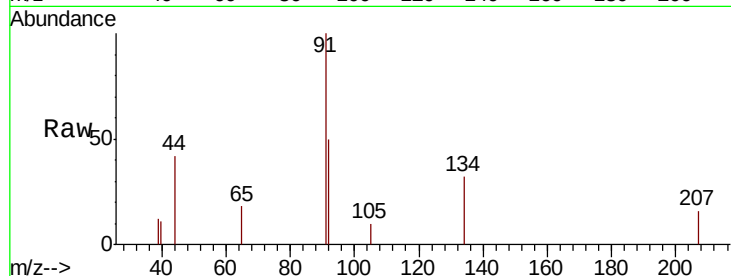
Tot Ion: 91 Resp: 2704

Ion Ratio Lower Upper

91 100

92 47.3 25.9 77.7

134 21.7 11.6 34.8

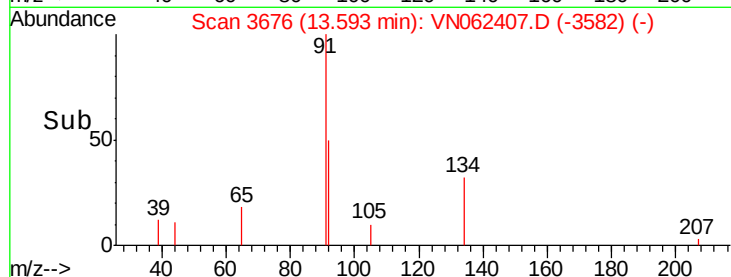


Abundance Ion 91.00 (90.70 to 91.70): VN062407.D (-3582) (-)

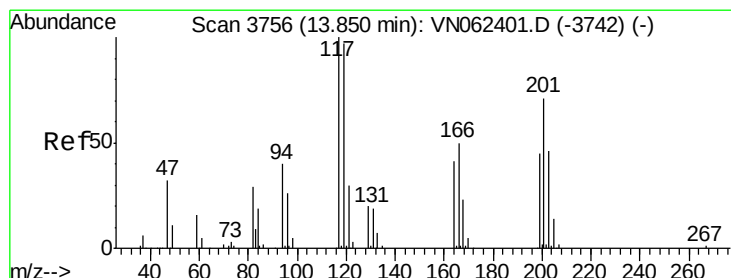
Ion 92.00 (91.70 to 92.70): VN062407.D (-3582) (-)

Ion 134.00 (133.70 to 134.70): VN062407.D (-3582) (-)

Time-->



Time-->



#90

Hexachloroethane

Concen: 0.462 ug/l

RT: 13.85 min Scan# 3755

Delta R.T. -0.00 min

Lab File: VN062407.D

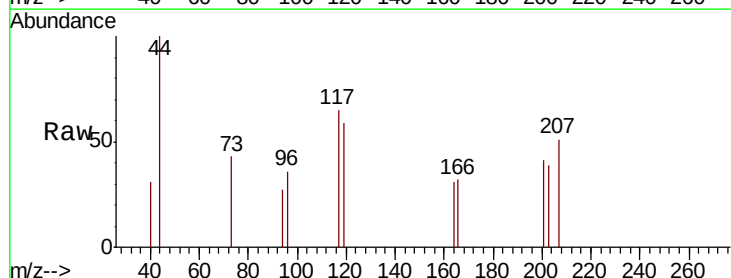
Acq: 8 Jul 2020 15:01

Tgt Ion: 117 Resp: 587

Ion Ratio Lower Upper

117 100

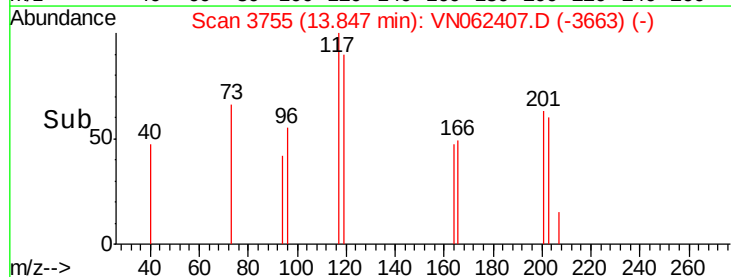
201 65.9 35.4 106.2



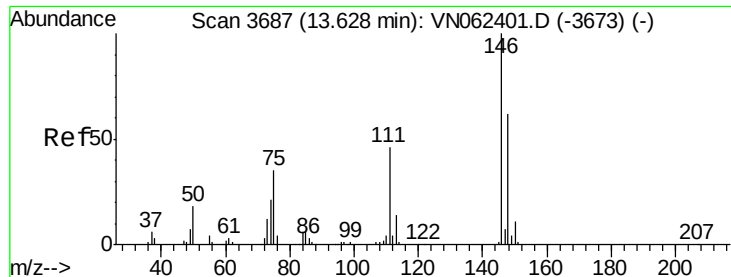
Abundance Ion 116.80 (116.50 to 117.50): VN062407.D (-3663) (-)

Ion 200.70 (200.40 to 201.40): VN062407.D (-3663) (-)

Time-->



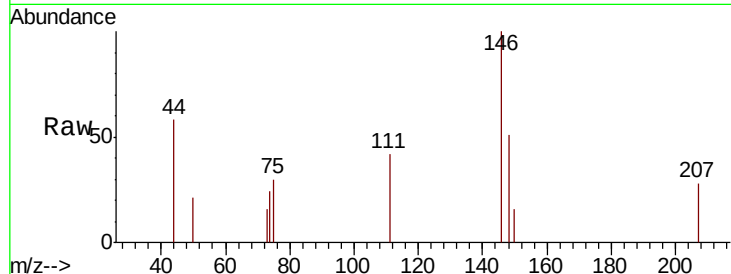
Time-->



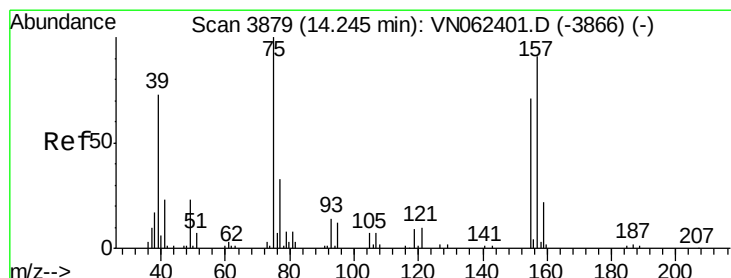
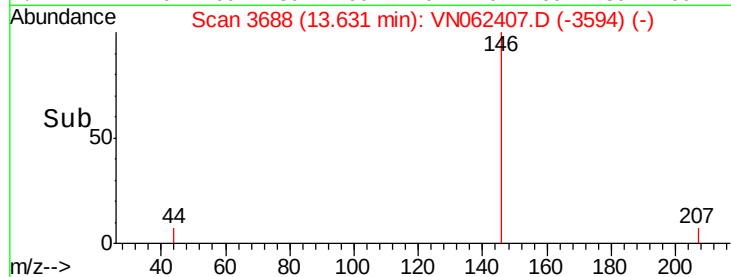
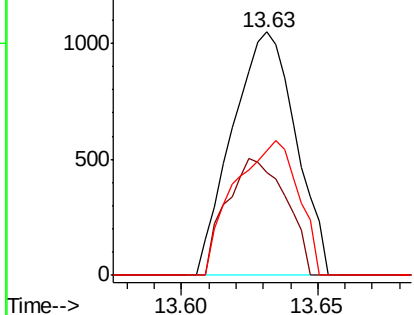
#91
 1,2-Dichlorobenzene
 Concen: 0.550 ug/l
 RT: 13.63 min Scan# 3688
 Delta R.T. 0.00 min
 Lab File: VN062407.D
 Acq: 8 Jul 2020 15:01

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

Tot Ion:146 Resp: 1693
 Ion Ratio Lower Upper
 146 100
 111 44.9 22.5 67.5
 148 55.8 31.4 94.2

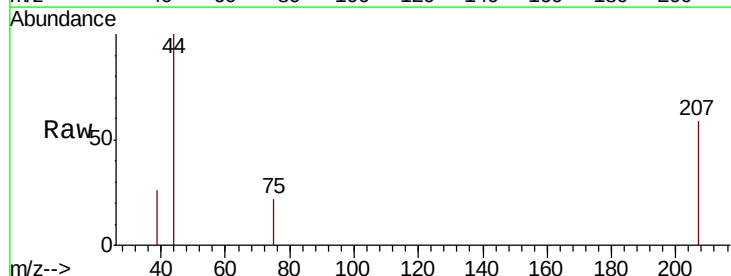


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

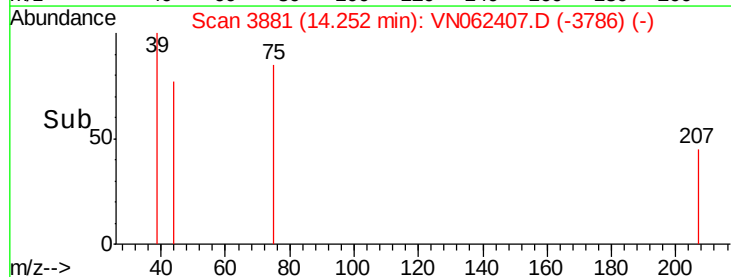
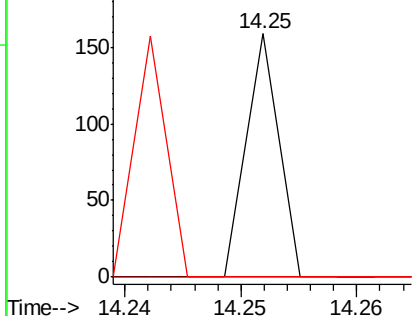


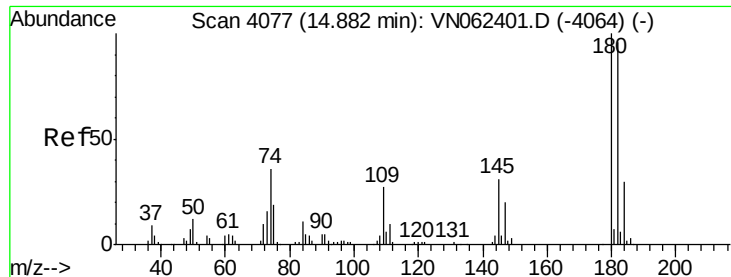
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.062 ug/l
 RT: 14.25 min Scan# 3881
 Delta R.T. 0.01 min
 Lab File: VN062407.D
 Acq: 8 Jul 2020 15:01

Tgt Ion: 75 Resp: 31
 Ion Ratio Lower Upper
 75 100
 155 0.0 35.2 105.6#
 157 96.8 45.8 137.3



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

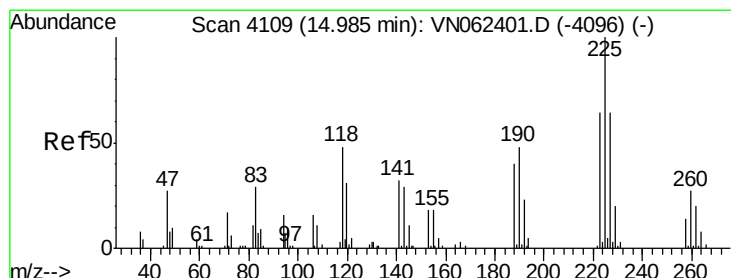
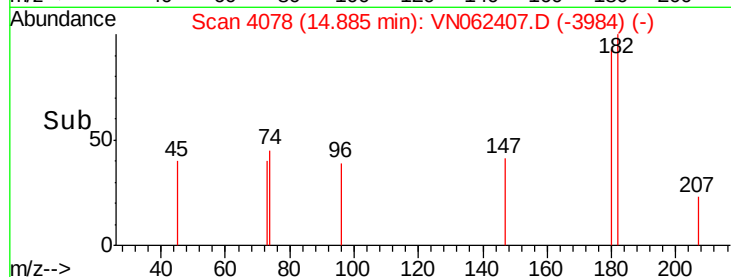
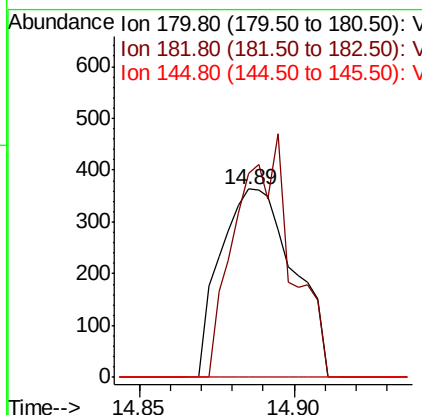
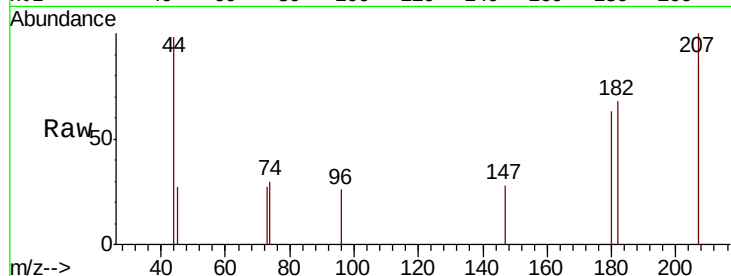




#93
 1,2,4-Trichlorobenzene
 Concen: 0.434 ug/l
 RT: 14.89 min Scan# 4078
 Delta R.T. 0.00 min
 Lab File: VN062407.D
 Acq: 8 Jul 2020 15:01

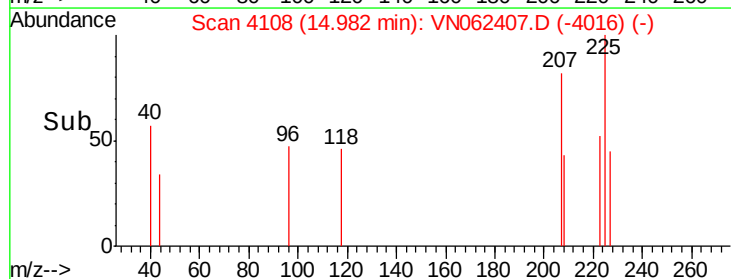
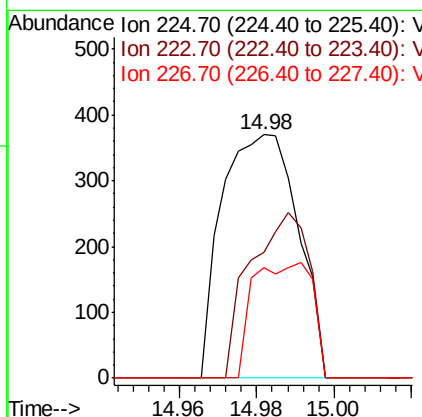
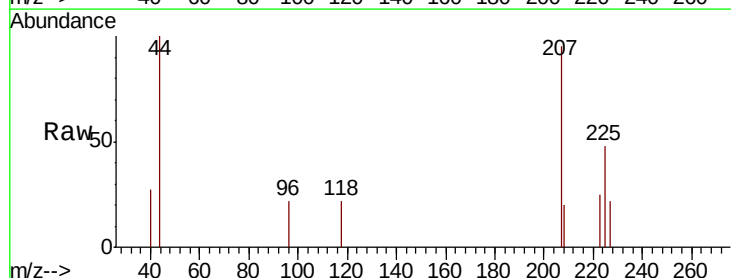
Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2020

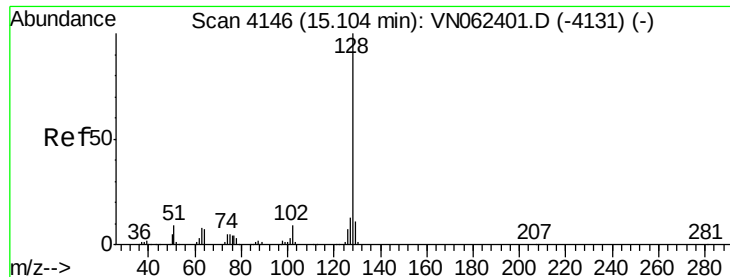
Tot Ion:180 Resp: 603
 Ion Ratio Lower Upper
 180 100
 182 96.4 48.4 145.2
 145 0.0 15.5 46.5#



#94
 Hexachlorobutadiene
 Concen: 0.619 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. -0.00 min
 Lab File: VN062407.D
 Acq: 8 Jul 2020 15:01

Tgt Ion:225 Resp: 506
 Ion Ratio Lower Upper
 225 100
 223 53.0 32.3 96.8
 227 37.2 31.9 95.7





#95

Naphthalene

Concen: 0.483 ug/l

RT: 15.11 min Scan# 4149

Delta R.T. 0.01 min

Lab File: VN062407.D

Acq: 8 Jul 2020 15:01

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

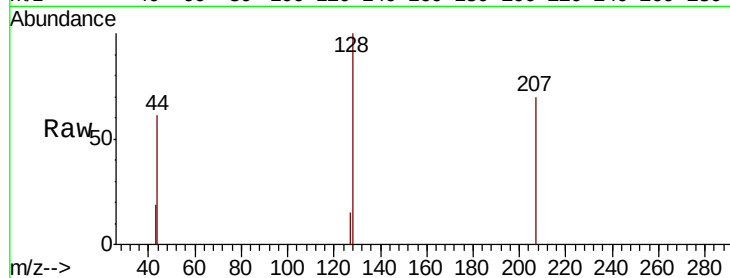
Tot Ion:128 Resp: 1893

Ion Ratio Lower Upper

128 100

127 3.3 10.2 15.2#

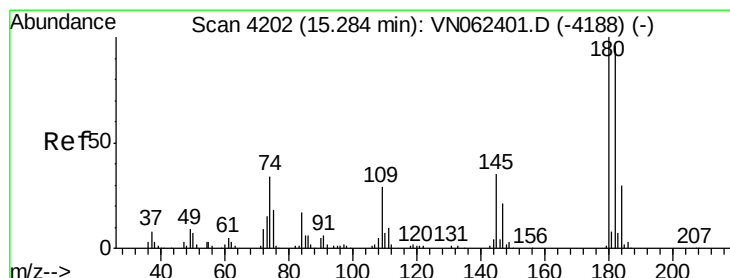
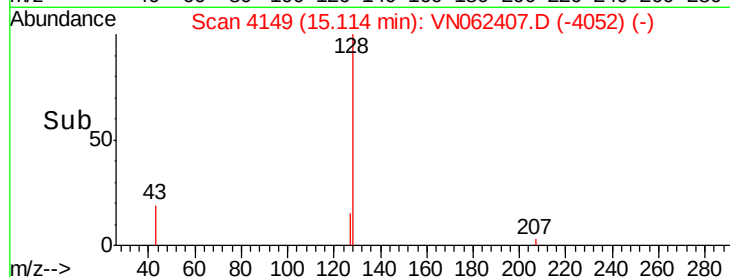
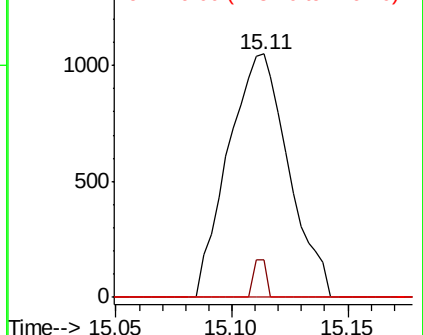
129 0.0 8.6 12.8#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 0.564 ug/l

RT: 15.29 min Scan# 4204

Delta R.T. 0.01 min

Lab File: VN062407.D

Acq: 8 Jul 2020 15:01

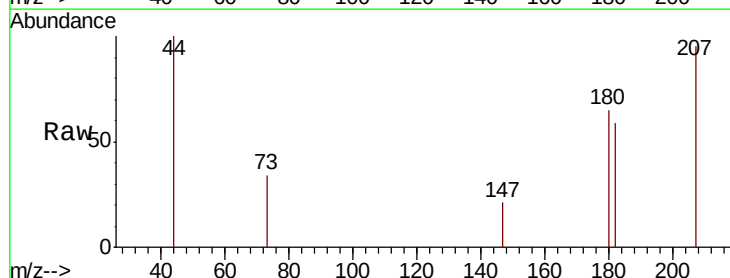
Tgt Ion:180 Resp: 815

Ion Ratio Lower Upper

180 100

182 86.6 47.8 143.4

145 0.0 17.0 50.9#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

