

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

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

Manual Integrations
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 7/9/2020 10:54:58 AM

Quant Time: Jul 09 03:41:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N070820W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 09 03:29:32 2020
 Response via : Initial Calibration

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

System Monitoring Compounds

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

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	391	0.201	ug/l #	44
3) Chloromethane	2.03	50	866	0.278	ug/l	96
4) Vinyl Chloride	2.16	62	524	0.205	ug/l #	43
7) Trichlorofluoromethane	2.98	101	762	0.235	ug/l	98
15) Acrylonitrile	4.95	53	674m	0.528	ug/l	
16) Acetone	3.78	43	1933m	1.551	ug/l	
17) Carbon Disulfide	4.01	76	2535	0.413	ug/l #	75
18) Methyl Acetate	4.29	43	1181	0.380	ug/l #	56
20) Methylene Chloride	4.49	84	1030m	0.386	ug/l	
23) Vinyl Acetate	5.85	43	5703	0.756	ug/l #	76
25) 2-Butanone	6.79	43	1822	1.001	ug/l #	53
26) 2,2-Dichloropropane	6.77	77	992m	0.275	ug/l	
29) Tetrahydrofuran	7.16	42	1082m	0.883	ug/l	
40) Benzene	8.00	78	2193	0.218	ug/l	95
42) 1,2-Dichloroethane	8.09	62	981	0.266	ug/l #	78
43) Isopropyl Acetate	8.12	43	1284	0.203	ug/l #	57
51) 4-Methyl-2-Pentanone	9.96	43	3628	0.962	ug/l	89
52) Toluene	10.12	92	1236	0.212	ug/l	91
58) 2-Chloroethyl Vinyl ether	9.66	63	997	0.734	ug/l #	67
59) 2-Hexanone	10.73	43	2794	1.021	ug/l	82
64) Tetrachloroethene	10.60	164	420	0.236	ug/l	94
65) Chlorobenzene	11.41	112	1377	0.237	ug/l	94
67) Ethyl Benzene	11.49	91	2228	0.204	ug/l	95
68) m/p-Xylenes	11.59	106	1475	0.382	ug/l	97
73) Isopropylbenzene	12.23	105	1807	0.212	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.48	83	611	0.213	ug/l #	94
76) 1,2,3-Trichloropropane	12.53	75	589m	0.218	ug/l	
78) n-propylbenzene	12.57	91	2420	0.243	ug/l	79
79) 2-Chlorotoluene	12.65	91	1430	0.237	ug/l	89
80) 1,3,5-Trimethylbenzene	12.71	105	1538	0.220	ug/l	86
82) 4-Chlorotoluene	12.75	91	1693	0.276	ug/l	86
83) tert-Butylbenzene	12.97	119	1197	0.202	ug/l #	86
85) sec-Butylbenzene	13.15	105	1724	0.219	ug/l	81
87) 1,3-Dichlorobenzene	13.26	146	825	0.247	ug/l	86

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
88) 1,4-Dichlorobenzene	13.34	146	981m	0.285	ug/l	
89) n-Butylbenzene	13.59	91	1412	0.236	ug/l #	84
91) 1,2-Dichlorobenzene	13.63	146	758	0.235	ug/l	83
95) Naphthalene	15.11	128	1517	0.369	ug/l #	70
96) 1,2,3-Trichlorobenzene	15.29	180	355	0.234	ug/l #	56

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

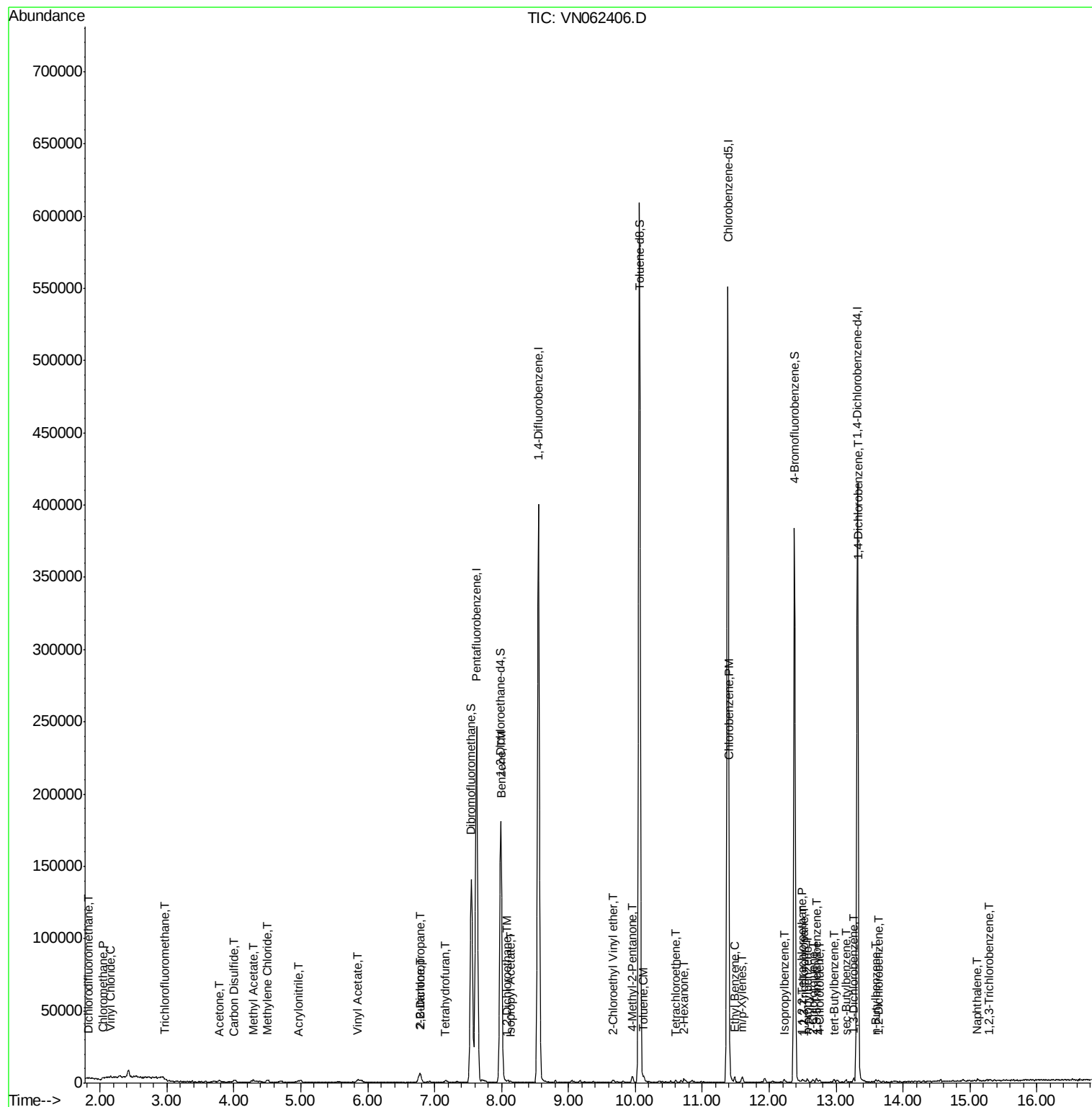
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Operator : JC/MD
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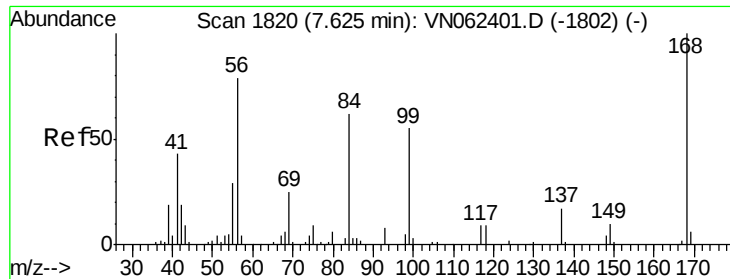
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN062406.D

Acq: 8 Jul 2020 14:37

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

Tot Ion:168 Resp: 190884

Ion Ratio Lower Upper

168 100

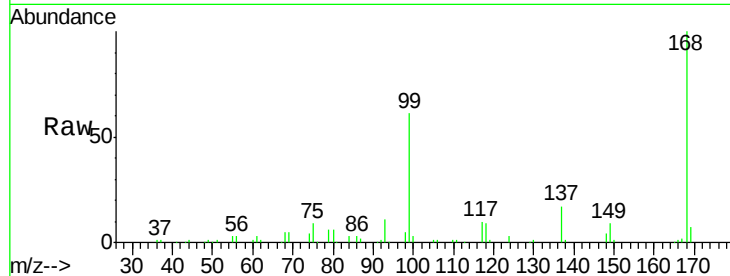
99 60.9 48.8 73.2

Manual Integrations

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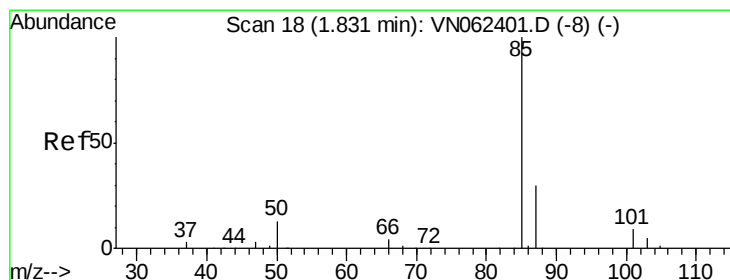
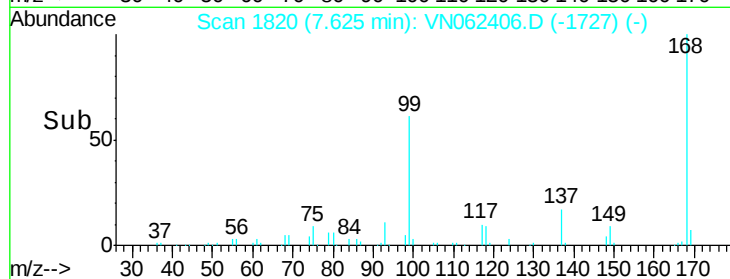
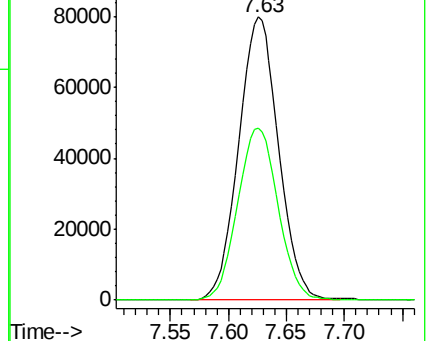
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 0.201 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN062406.D

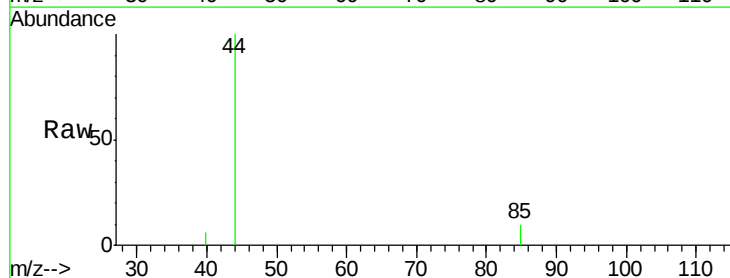
Acq: 8 Jul 2020 14:37

Tgt Ion: 85 Resp: 391

Ion Ratio Lower Upper

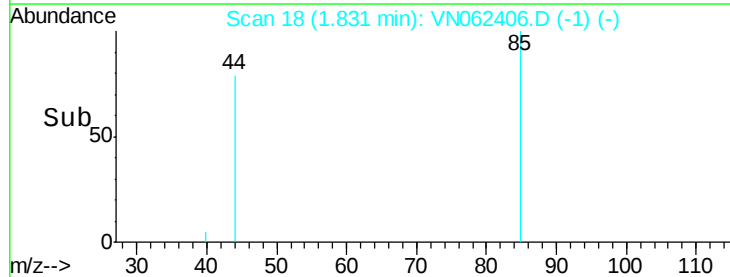
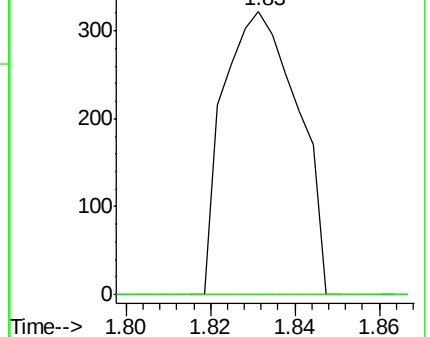
85 100

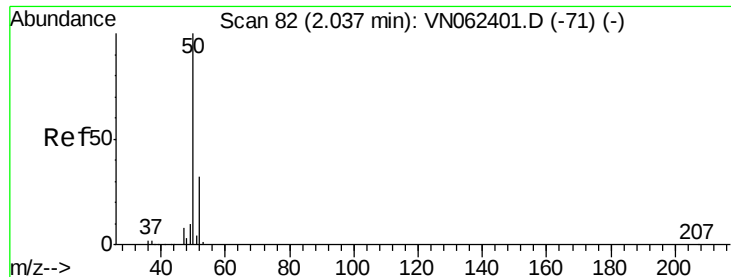
87 0.0 15.2 45.5#



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN





#3

Chloromethane

Concen: 0.278 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN062406.D

Acq: 8 Jul 2020 14:37

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

Tot Ion: 50 Resp: 866

Ion Ratio Lower Upper

50 100

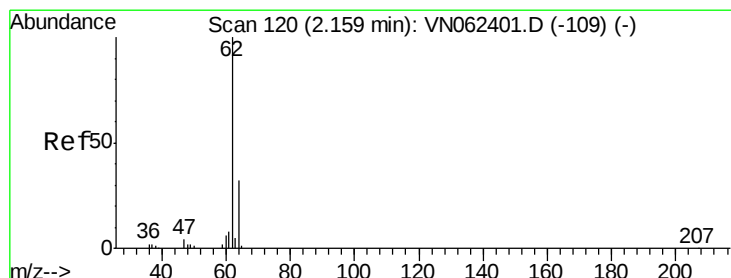
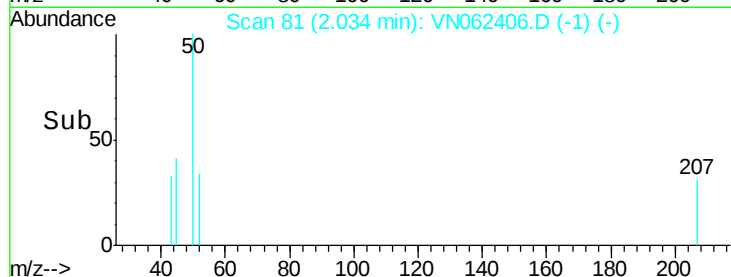
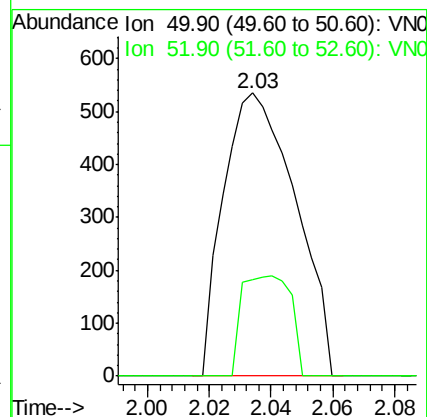
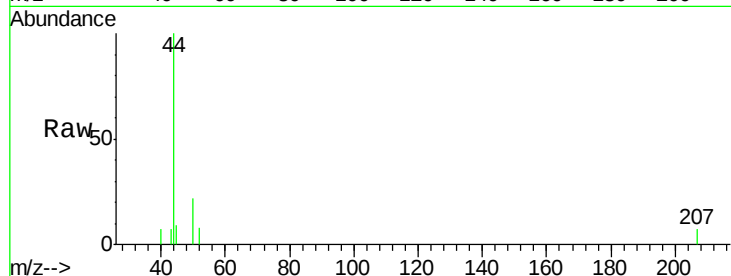
52 34.2 25.5 38.3

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#4

Vinyl Chloride

Concen: 0.205 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN062406.D

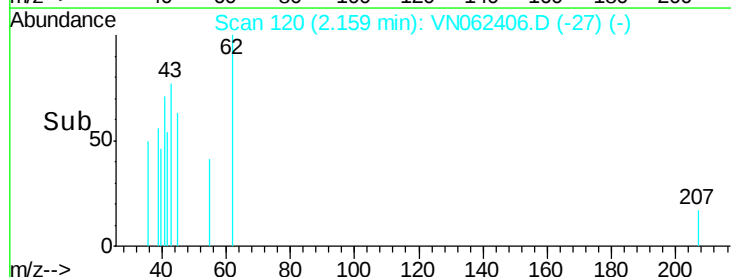
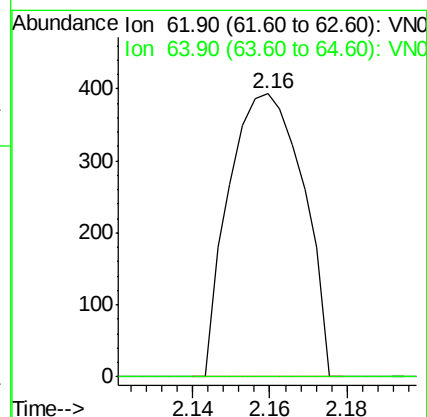
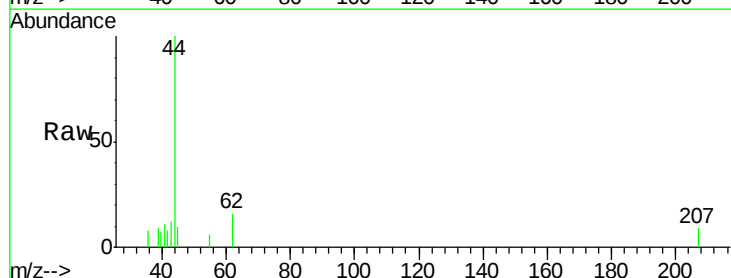
Acq: 8 Jul 2020 14:37

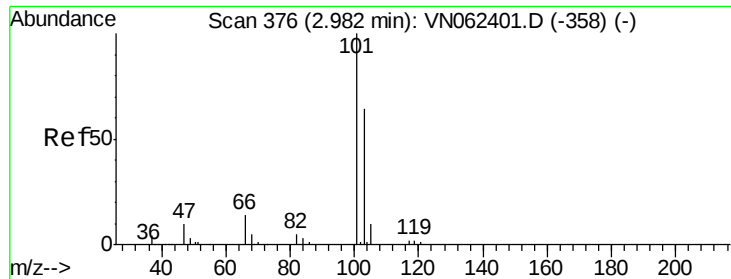
Tgt Ion: 62 Resp: 524

Ion Ratio Lower Upper

62 100

64 0.0 25.7 38.5#





#7

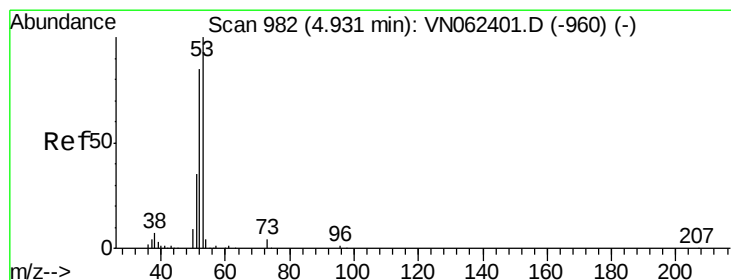
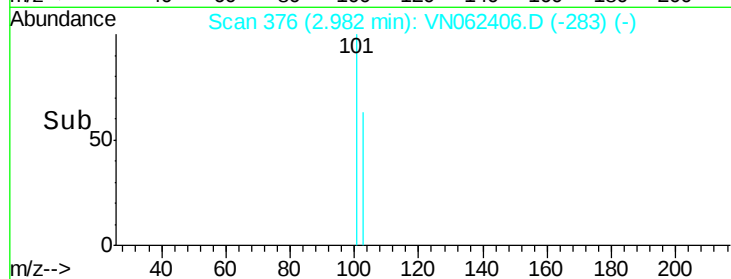
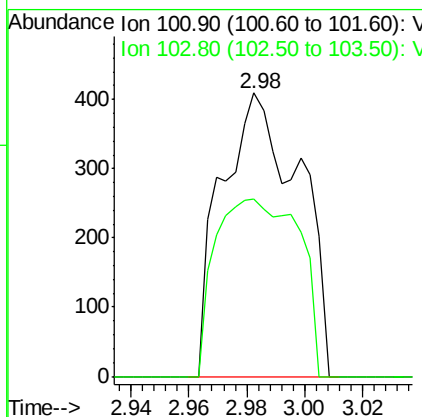
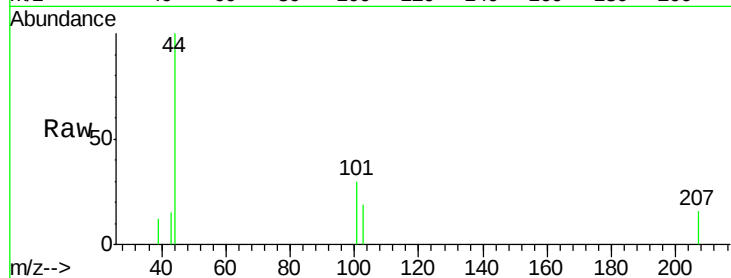
Trichlorofluoromethane
Concen: 0.235 ug/l
RT: 2.98 min Scan# 376
Delta R.T. 0.00 min
Lab File: VN062406.D
Acq: 8 Jul 2020 14:37

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

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.8	51.6	77.4

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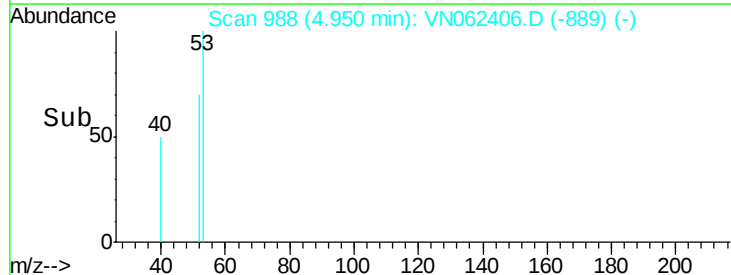
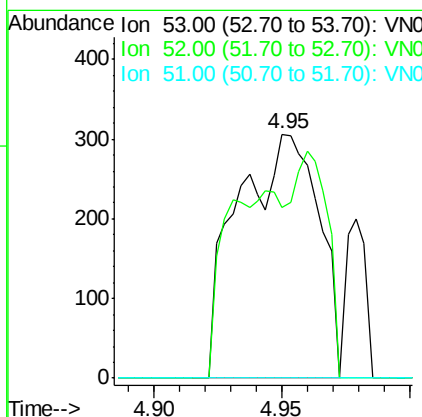
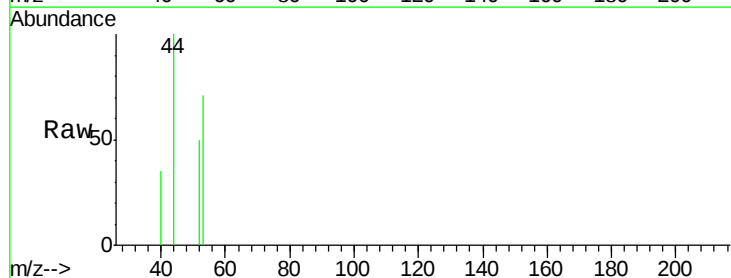
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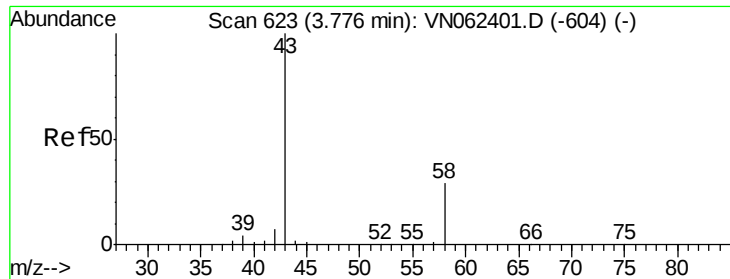


#15

Acrylonitrile
Concen: 0.528 ug/l m
RT: 4.95 min Scan# 988
Delta R.T. 0.02 min
Lab File: VN062406.D
Acq: 8 Jul 2020 14:37

Tgt Ion	Ratio	Lower	Upper
53	100		
52	0.0	66.2	99.4#
51	0.0	28.7	43.1#





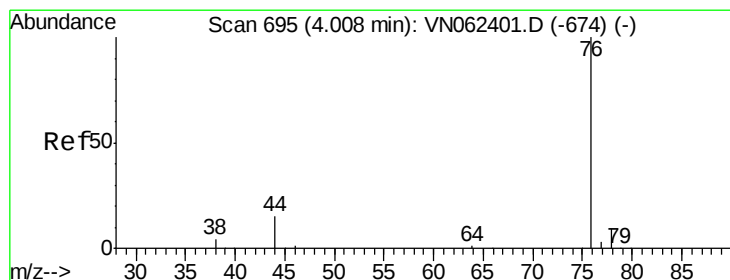
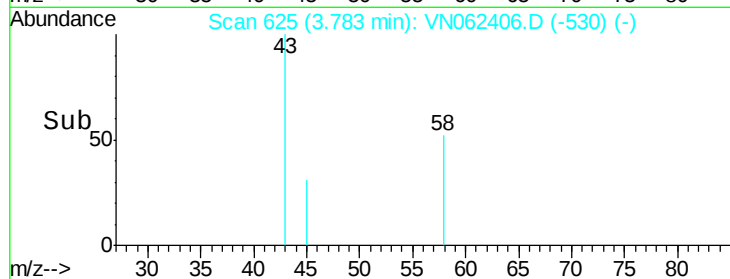
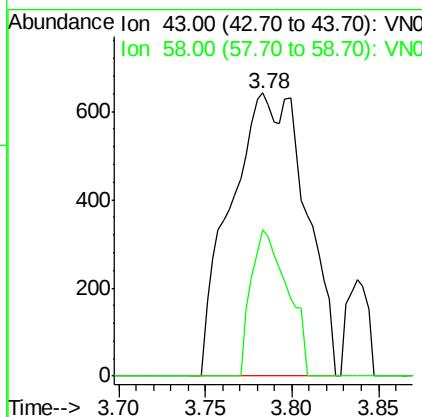
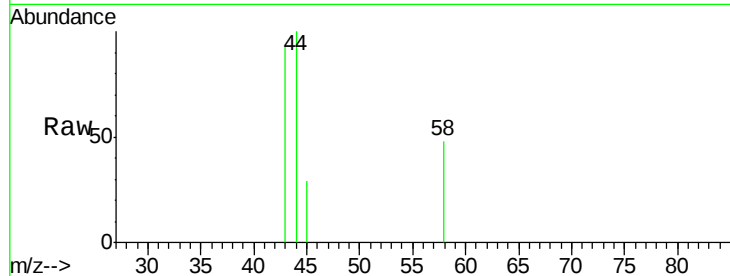
#16
Acetone
Concen: 1.551 ug/l m
RT: 3.78 min Scan# 625
Delta R.T. 0.01 min
Lab File: VN062406.D
Acq: 8 Jul 2020 14:37

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

Tot Ion: 43 Resp: 1933
Ion Ratio Lower Upper
43 100
58 51.9 23.5 35.3#

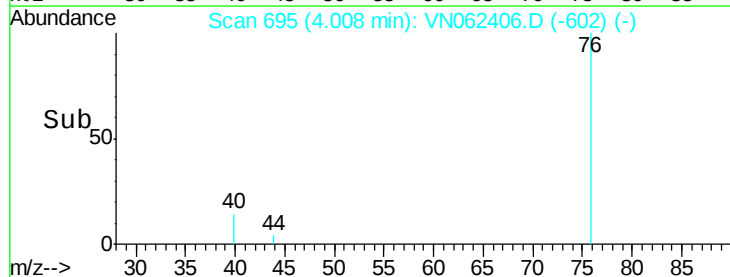
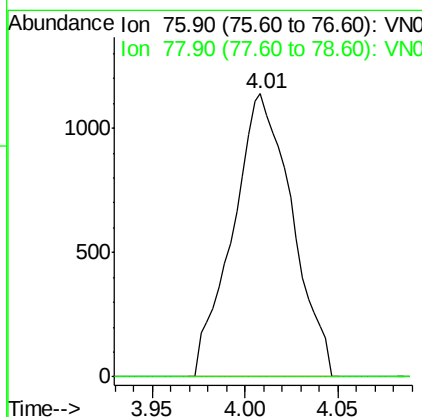
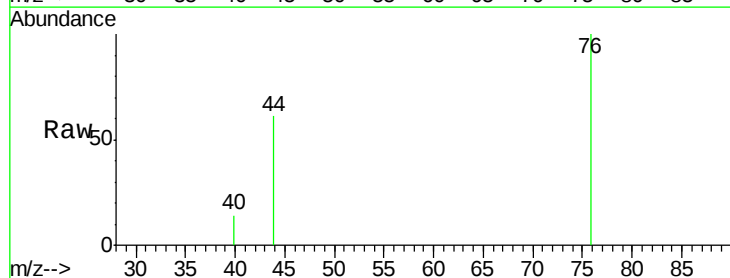
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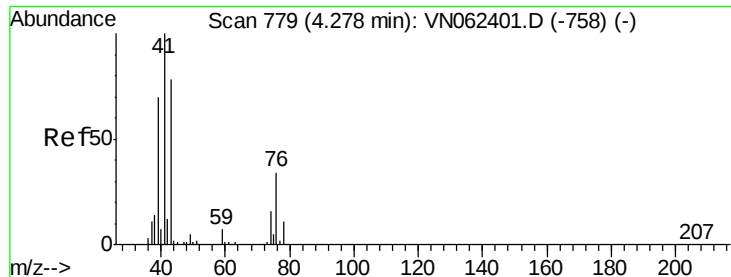
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#17
Carbon Disulfide
Concen: 0.413 ug/l
RT: 4.01 min Scan# 695
Delta R.T. 0.00 min
Lab File: VN062406.D
Acq: 8 Jul 2020 14:37

Tgt Ion: 76 Resp: 2535
Ion Ratio Lower Upper
76 100
78 0.0 7.3 10.9#





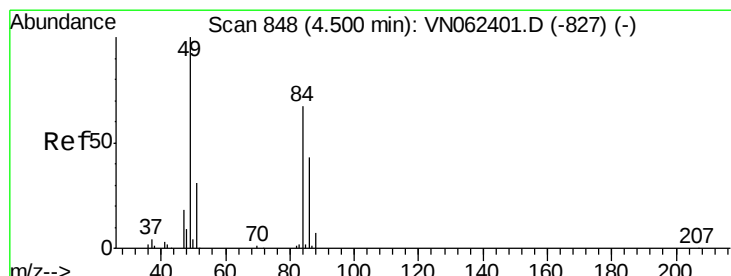
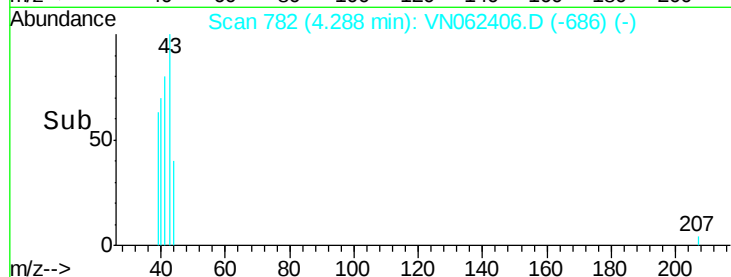
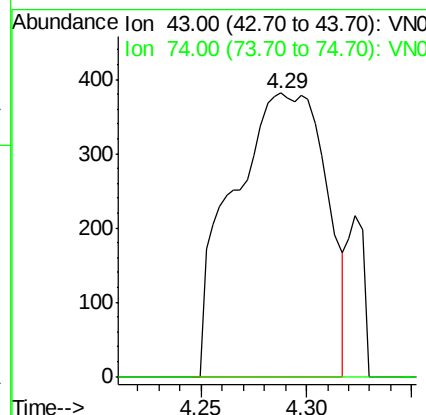
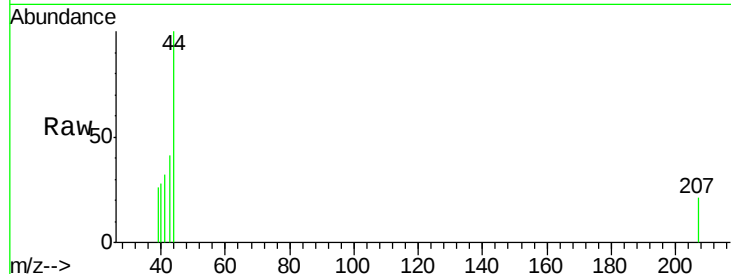
#18
Methyl Acetate
Concen: 0.380 ug/l
RT: 4.29 min Scan# 782
Delta R.T. 0.01 min
Lab File: VN062406.D
Acq: 8 Jul 2020 14:37

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

Tot Ion: 43 Resp: 1181
Ion Ratio Lower Upper
43 100
74 0.0 16.0 24.0#

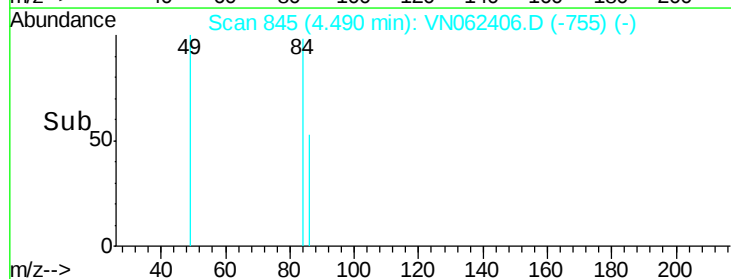
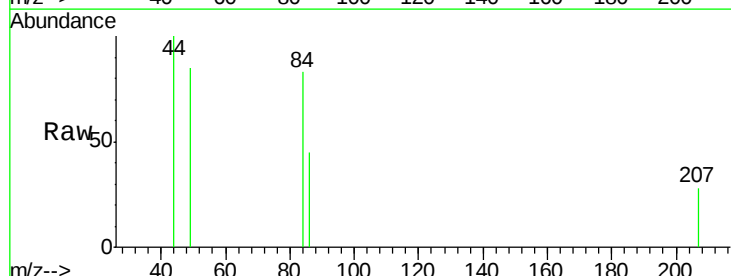
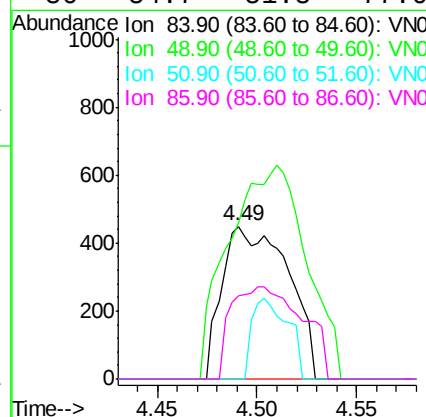
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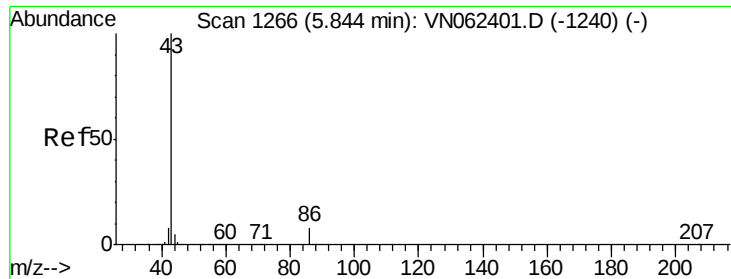
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#20
Methylene Chloride
Concen: 0.386 ug/l m
RT: 4.49 min Scan# 845
Delta R.T. -0.01 min
Lab File: VN062406.D
Acq: 8 Jul 2020 14:37

Tgt Ion: 84 Resp: 1030
Ion Ratio Lower Upper
84 100
49 102.2 120.0 180.0#
51 0.0 37.0 55.6#
86 54.7 51.8 77.6





#23

Vinyl Acetate

Concen: 0.756 ug/l

RT: 5.85 min Scan# 1268

Delta R.T. 0.01 min

Lab File: VN062406.D

Acq: 8 Jul 2020 14:37

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

Tot Ion: 43 Resp: 5703

Ion Ratio Lower Upper

43 100

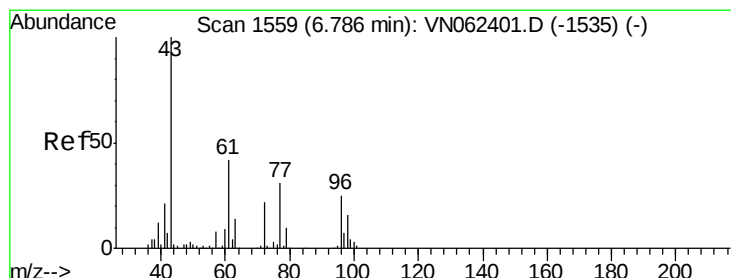
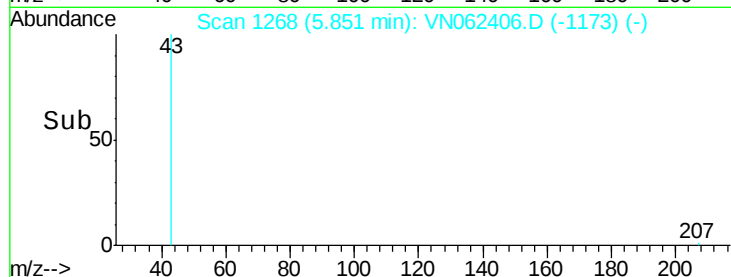
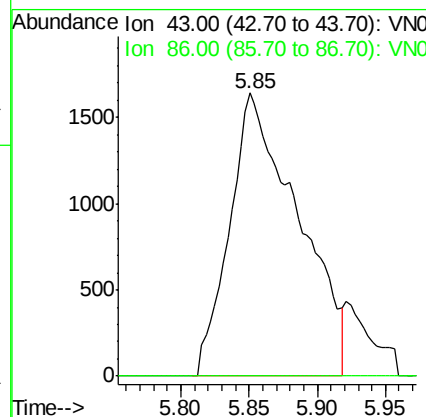
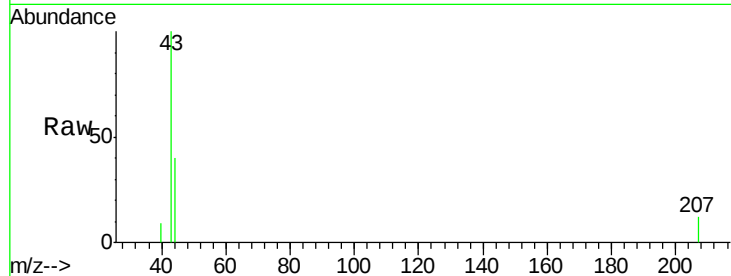
86 0.0 6.7 10.1#

Manual Integrations

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#25

2-Butanone

Concen: 1.001 ug/l

RT: 6.79 min Scan# 1561

Delta R.T. 0.01 min

Lab File: VN062406.D

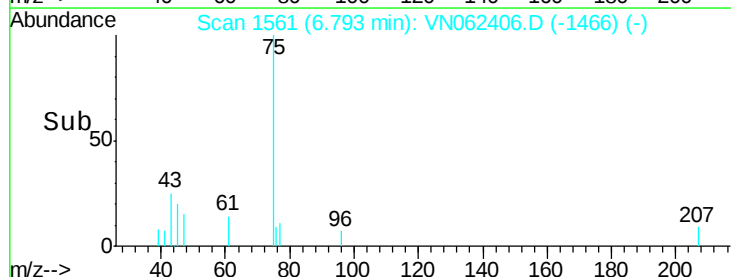
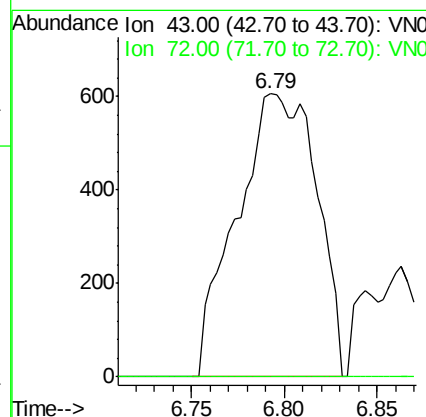
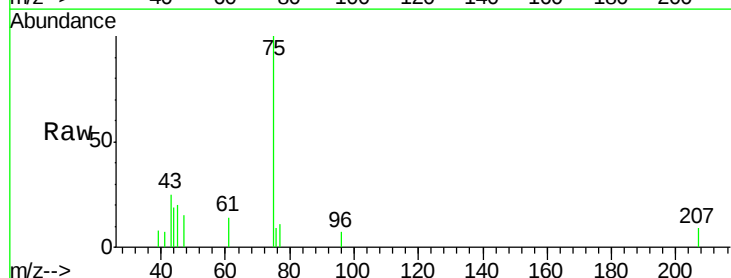
Acq: 8 Jul 2020 14:37

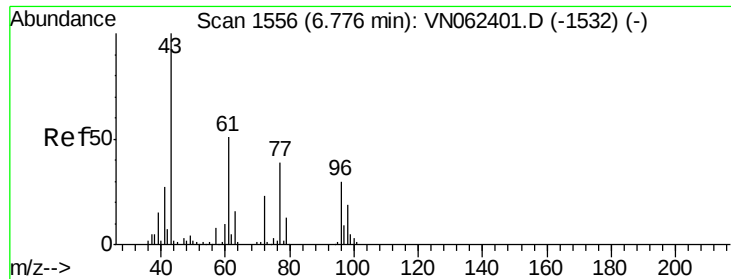
Tgt Ion: 43 Resp: 1822

Ion Ratio Lower Upper

43 100

72 0.0 17.9 26.9#





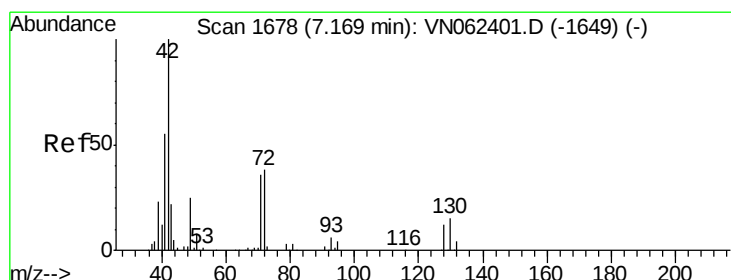
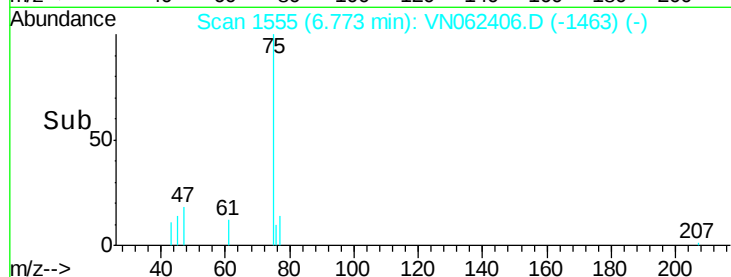
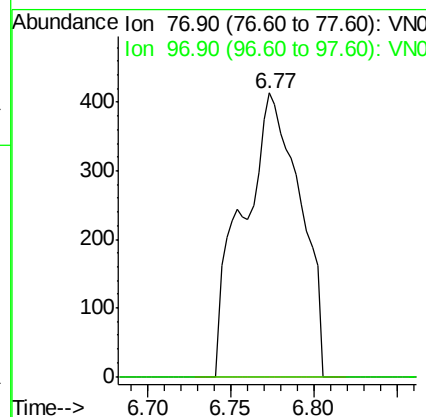
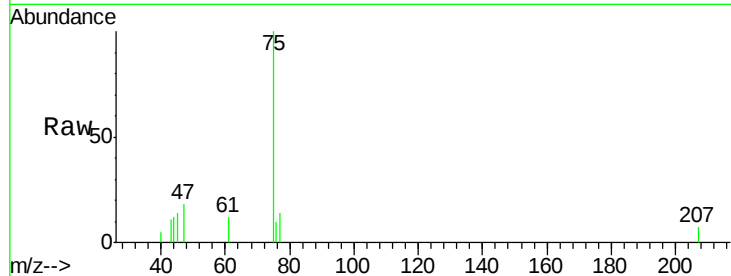
#26
 2,2-Dichloropropane
 Concen: 0.275 ug/l m
 RT: 6.77 min Scan# 1555
 Delta R.T. -0.00 min
 Lab File: VN062406.D
 Acq: 8 Jul 2020 14:37

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

Tot Ion: 77 Resp: 992
 Ion Ratio Lower Upper
 77 100
 97 0.0 10.9 32.9#

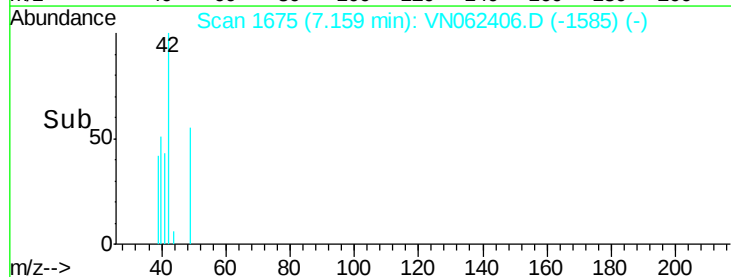
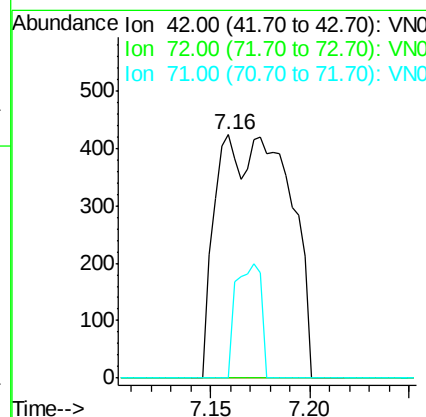
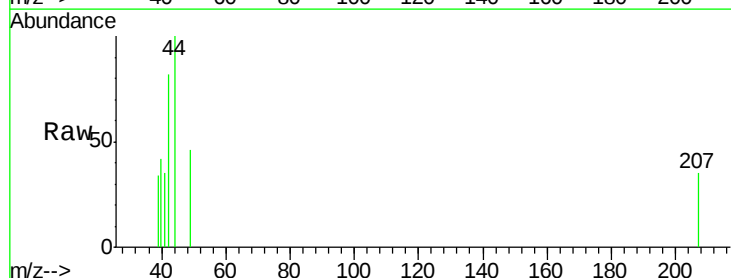
Manual Integrations
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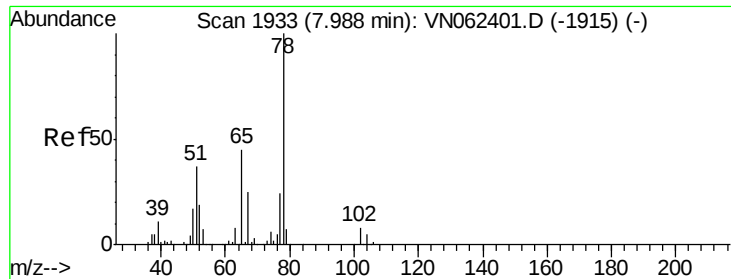
MMDadoda
 7/9/2020 10:54:58 AM



#29
 Tetrahydrofuran
 Concen: 0.883 ug/l m
 RT: 7.16 min Scan# 1675
 Delta R.T. -0.01 min
 Lab File: VN062406.D
 Acq: 8 Jul 2020 14:37

Tgt Ion: 42 Resp: 1082
 Ion Ratio Lower Upper
 42 100
 72 0.0 29.1 43.7#
 71 16.2 28.1 42.1#





#33

1,2-Dichloroethane-d4

Concen: 53.370 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. 0.00 min

Lab File: VN062406.D

Acq: 8 Jul 2020 14:37

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

Tot Ion: 65 Resp: 156697

Ion Ratio Lower Upper

65 100

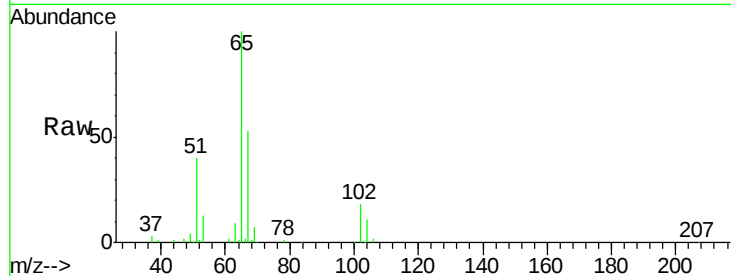
67 53.2 0.0 107.6

Manual Integrations

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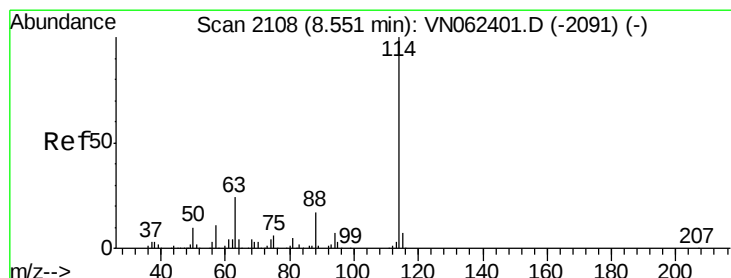
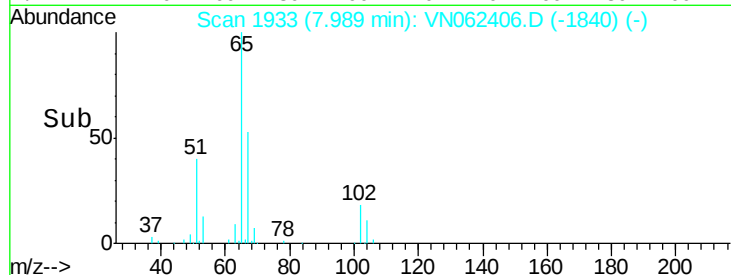
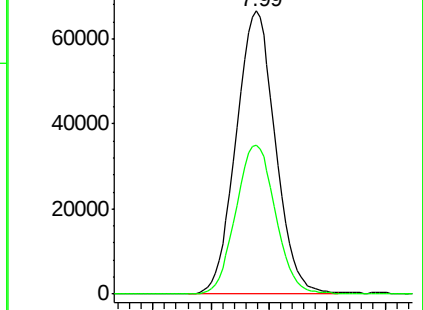
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Abundance Ion 64.90 (64.60 to 65.60): VN062406.D (-1840) (-)

Ion 66.90 (66.60 to 67.60): VN062406.D (-1840) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. 0.00 min

Lab File: VN062406.D

Acq: 8 Jul 2020 14:37

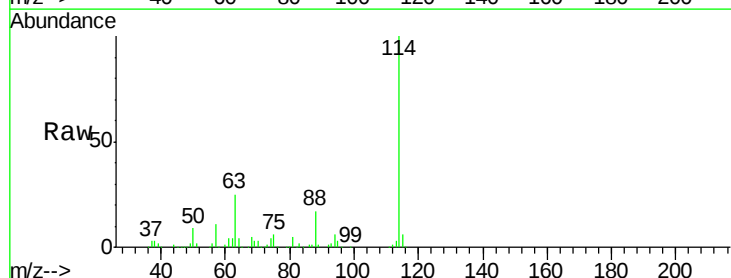
Tgt Ion: 114 Resp: 339260

Ion Ratio Lower Upper

114 100

63 24.7 0.0 48.4

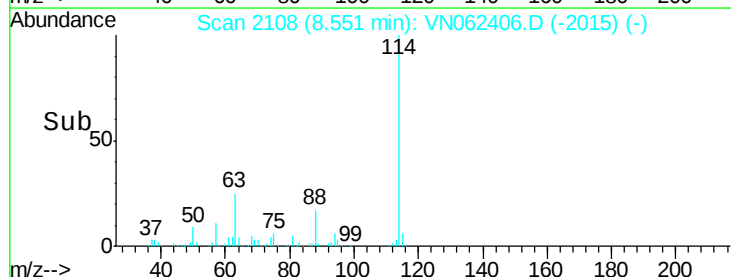
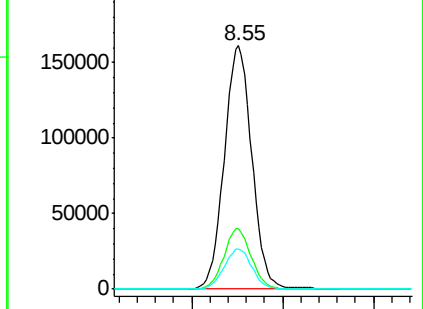
88 16.6 0.0 33.8

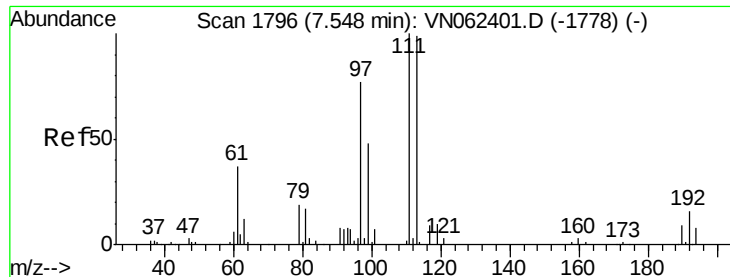


Abundance Ion 113.90 (113.60 to 114.60): VN062406.D (-2155) (-)

Ion 63.00 (62.70 to 63.70): VN062406.D (-2155) (-)

Ion 87.90 (87.60 to 88.60): VN062406.D (-2155) (-)





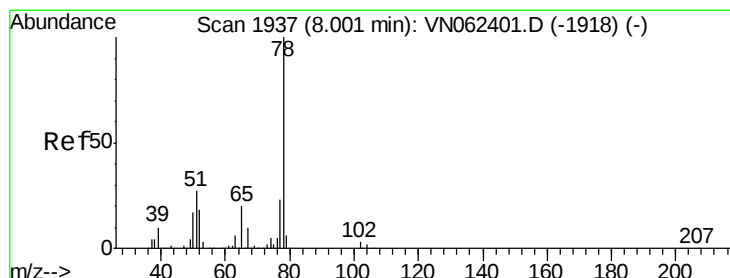
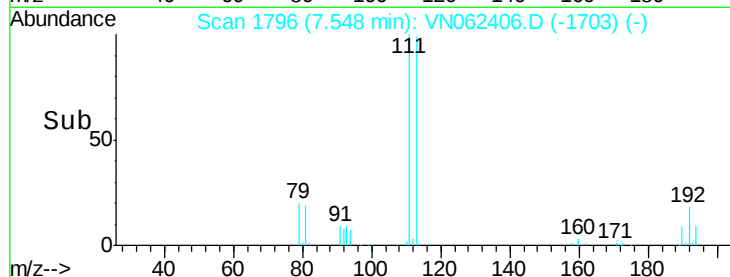
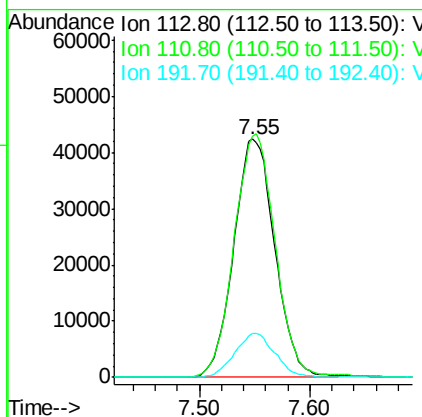
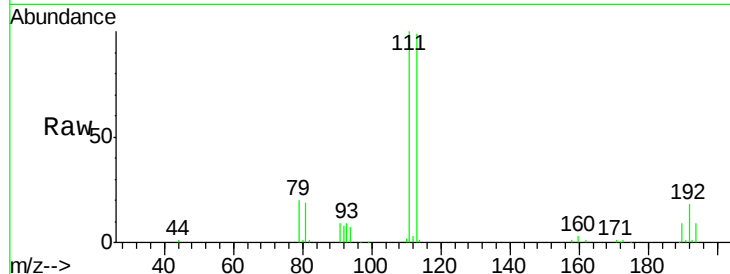
#35
Dibromofluoromethane
Concen: 52.162 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. 0.00 min
Lab File: VN062406.D
Acq: 8 Jul 2020 14:37

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

Tot Ion	Ratio	Resp	Lower	Upper
113	100	109388		
111	101.6	83.1	124.7	
192	18.0	14.1	21.1	

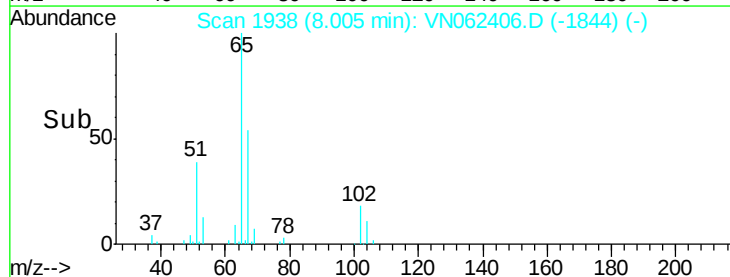
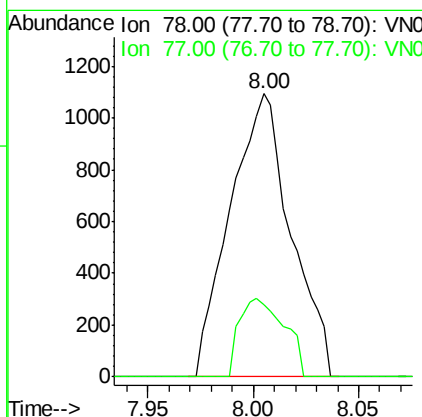
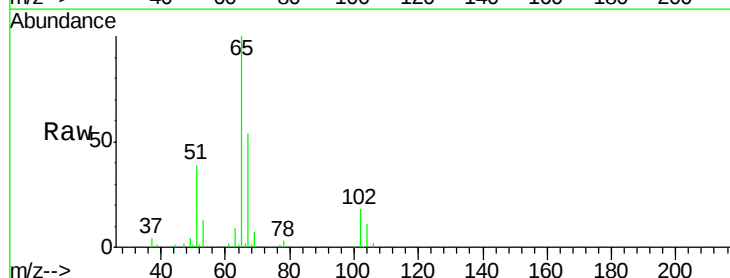
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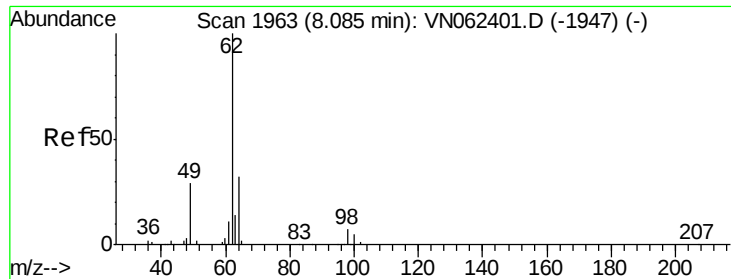
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#40
Benzene
Concen: 0.218 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. 0.00 min
Lab File: VN062406.D
Acq: 8 Jul 2020 14:37

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





#42

1,2-Dichloroethane

Concen: 0.266 ug/l

RT: 8.09 min Scan# 1966

Delta R.T. 0.01 min

Lab File: VN062406.D

Acq: 8 Jul 2020 14:37

Instrument :

MSVOA_N

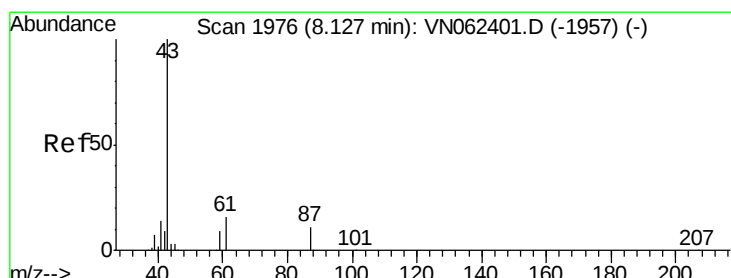
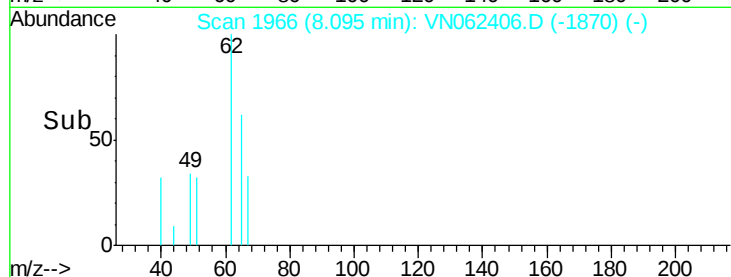
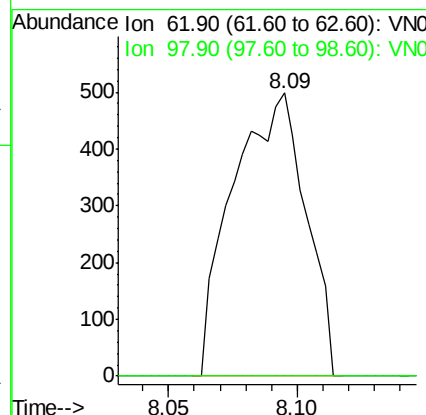
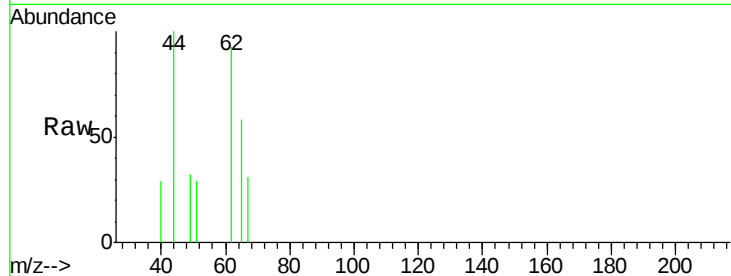
ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

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

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#43

Isopropyl Acetate

Concen: 0.203 ug/l

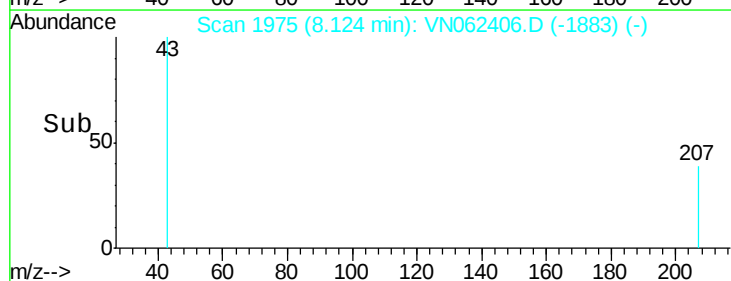
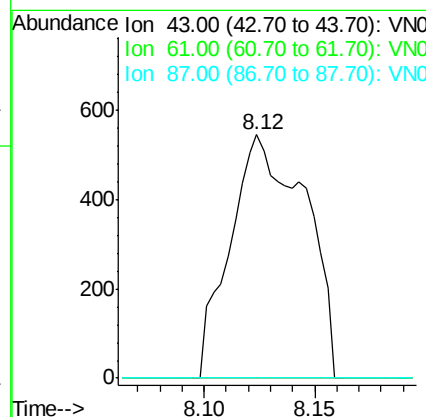
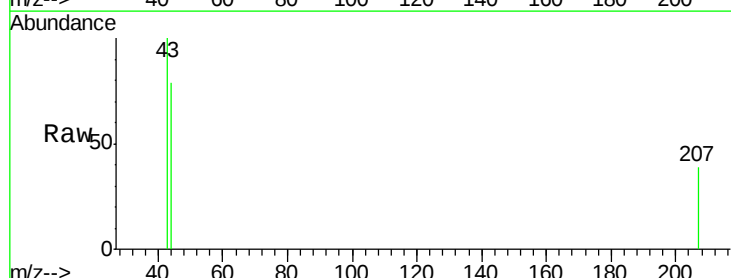
RT: 8.12 min Scan# 1975

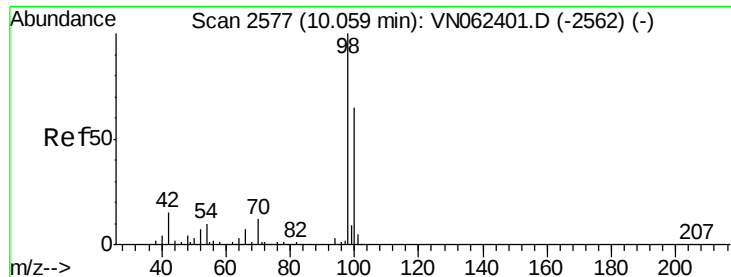
Delta R.T. -0.00 min

Lab File: VN062406.D

Acq: 8 Jul 2020 14:37

Tgt Ion:	43	Resp:	1284
Ion Ratio	Lower	Upper	
43	100		
61	0.0	19.3	28.9#
87	0.0	8.6	13.0#





#50

Toluene-d8

Concen: 49.845 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN062406.D

Acq: 8 Jul 2020 14:37

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

Tot Ion: 98 Resp: 412652

Ion Ratio Lower Upper

98 100

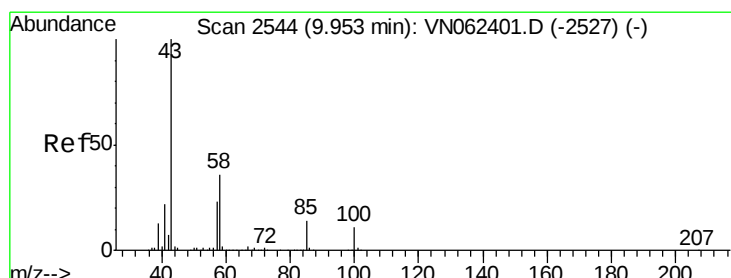
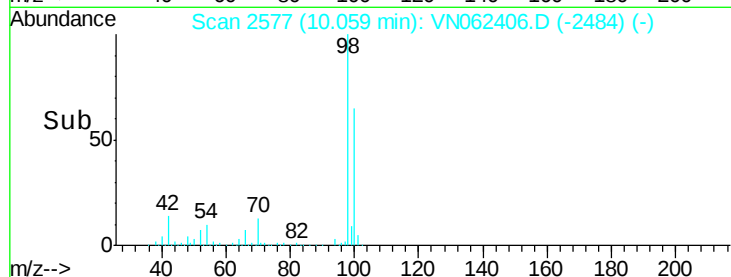
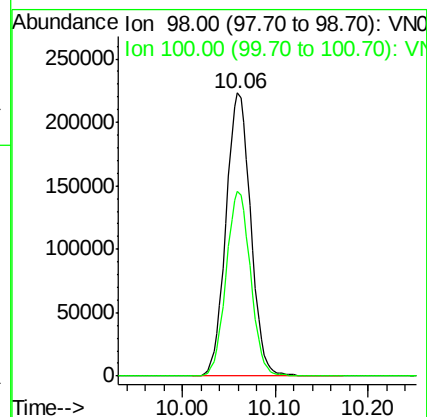
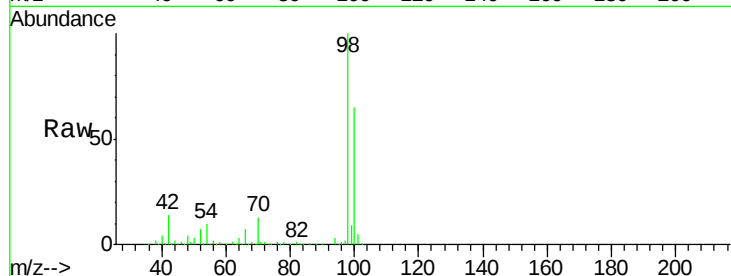
100 64.6 51.5 77.3

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#51

4-Methyl-2-Pentanone

Concen: 0.962 ug/l

RT: 9.96 min Scan# 2546

Delta R.T. 0.01 min

Lab File: VN062406.D

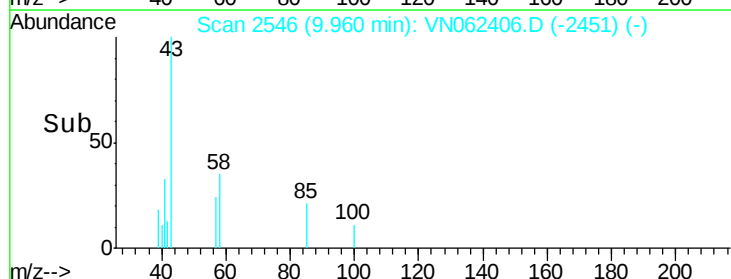
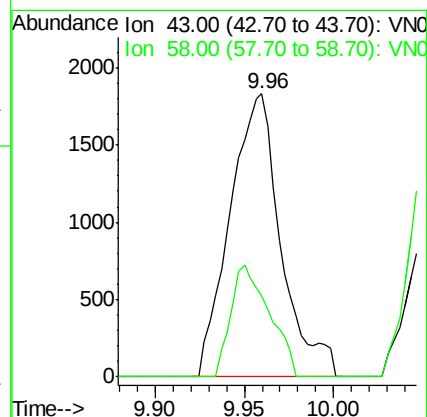
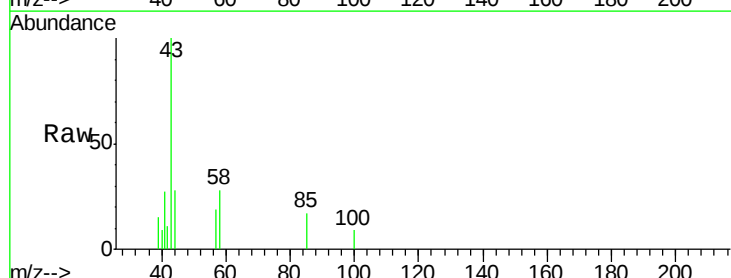
Acq: 8 Jul 2020 14:37

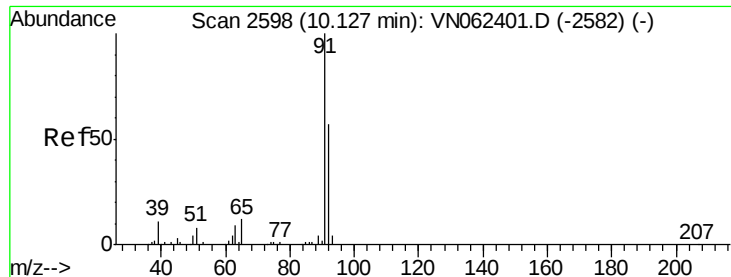
Tgt Ion: 43 Resp: 3628

Ion Ratio Lower Upper

43 100

58 29.9 29.0 43.6





#52

Toluene

Concen: 0.212 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN062406.D

Acq: 8 Jul 2020 14:37

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

Tot Ion: 92 Resp: 1236

Ion Ratio Lower Upper

92 100

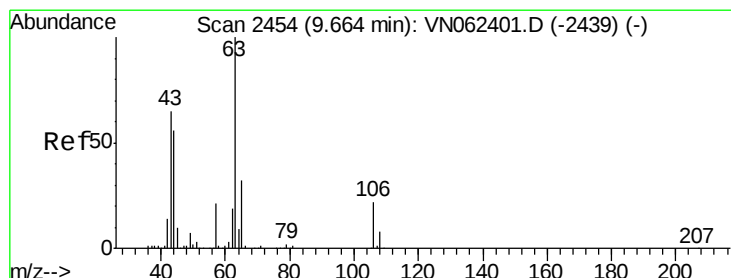
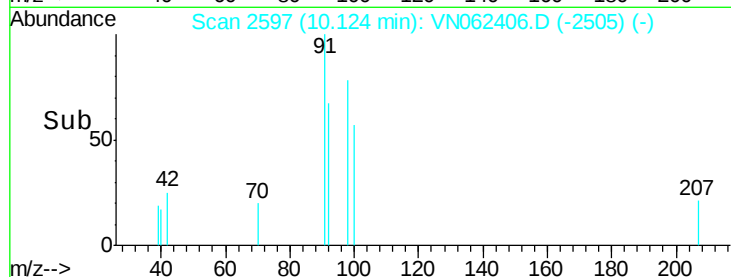
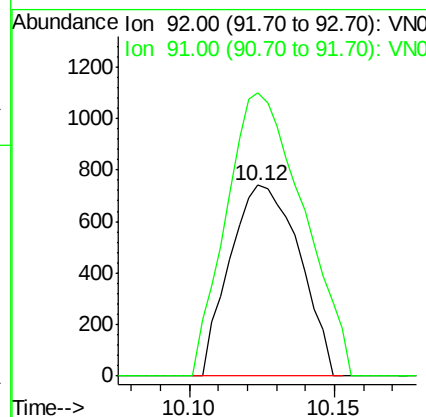
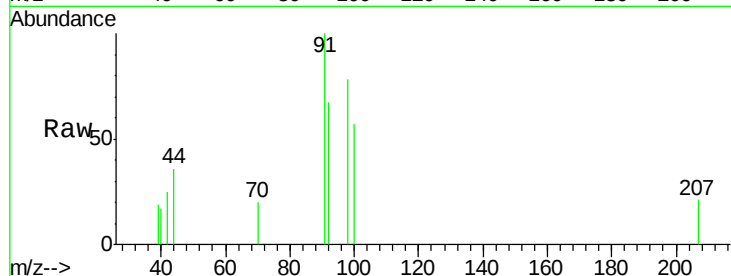
91 164.1 141.0 211.6

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 0.734 ug/l

RT: 9.66 min Scan# 2454

Delta R.T. 0.00 min

Lab File: VN062406.D

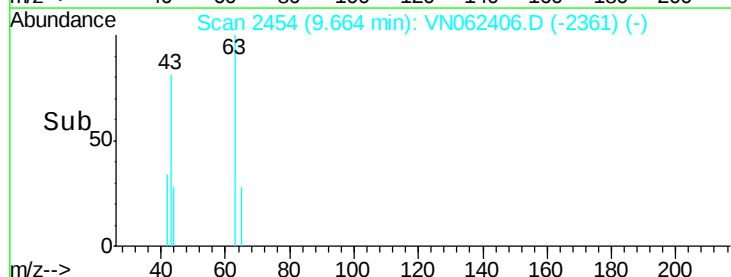
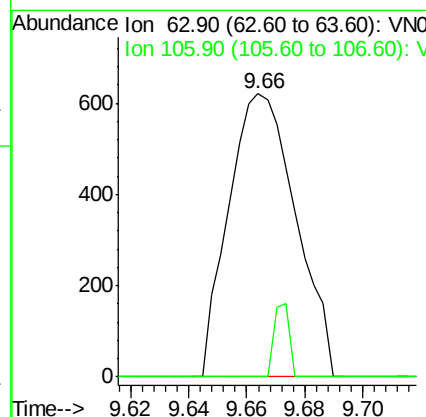
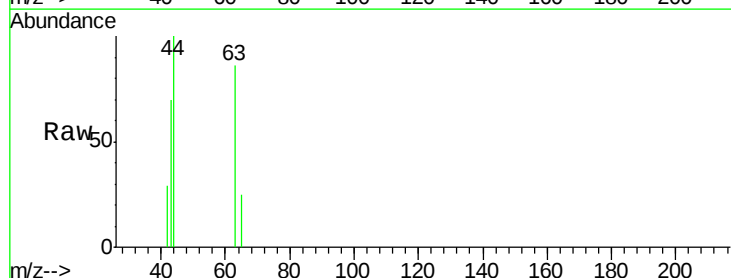
Acq: 8 Jul 2020 14:37

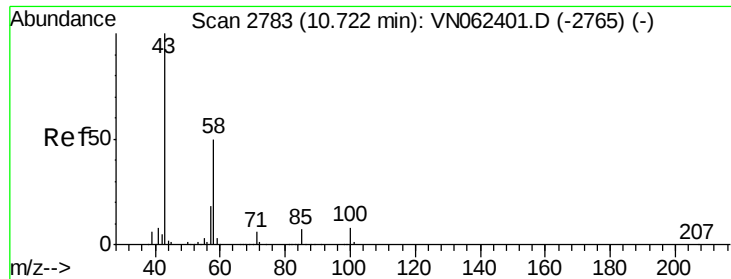
Tgt Ion: 63 Resp: 997

Ion Ratio Lower Upper

63 100

106 6.1 17.6 26.4#





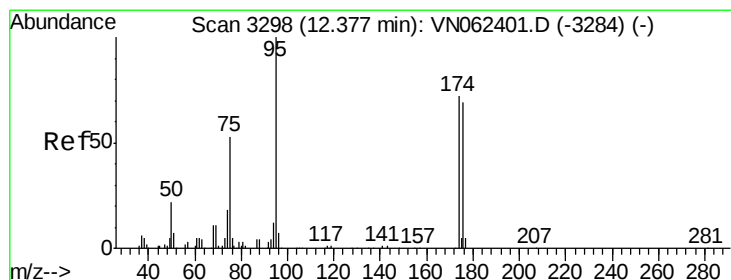
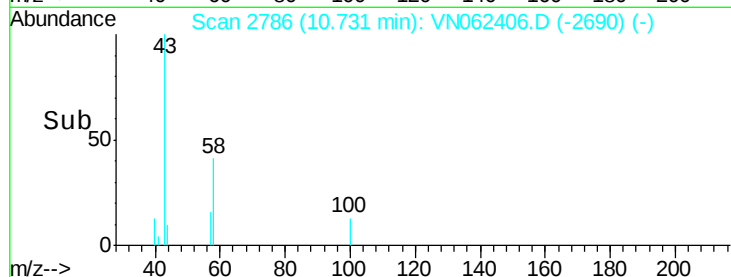
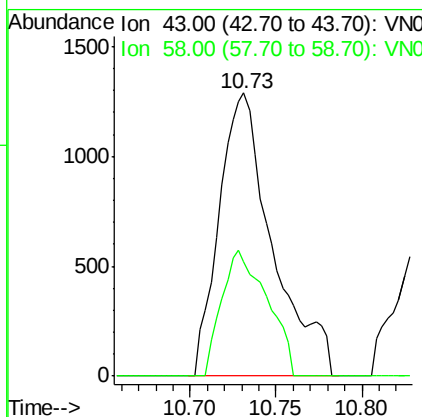
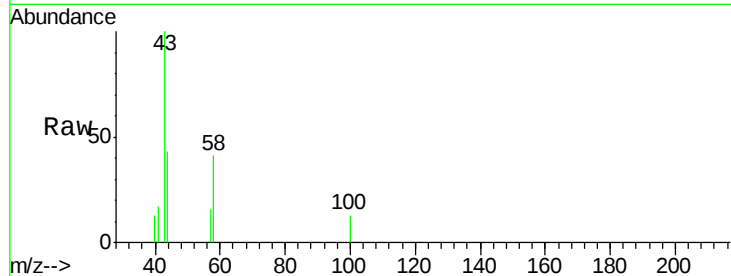
#59
2-Hexanone
Concen: 1.021 ug/l
RT: 10.73 min Scan# 2786
Delta R.T. 0.01 min
Lab File: VN062406.D
Acq: 8 Jul 2020 14:37

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

Tot Ion: 43 Resp: 2794
Ion Ratio Lower Upper
43 100
58 38.0 25.1 75.2

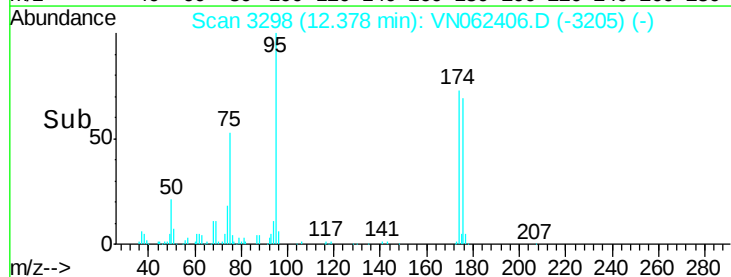
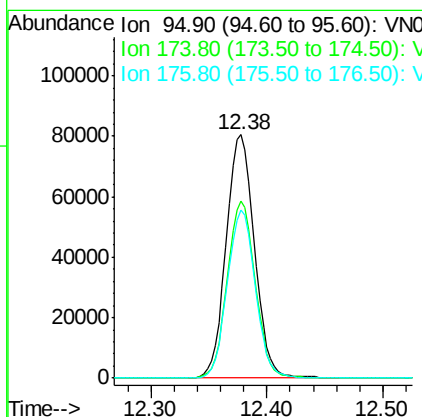
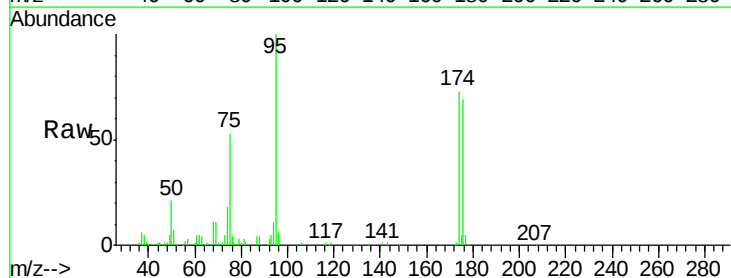
Manual Integrations
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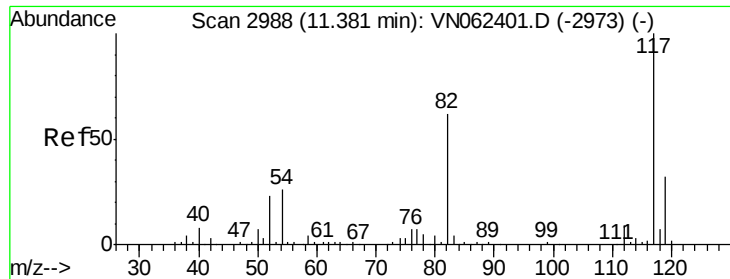
MMDadoda
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#62
4-Bromofluorobenzene
Concen: 44.813 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. 0.00 min
Lab File: VN062406.D
Acq: 8 Jul 2020 14:37

Tgt Ion: 95 Resp: 135572
Ion Ratio Lower Upper
95 100
174 71.9 0.0 141.6
176 68.2 0.0 137.2





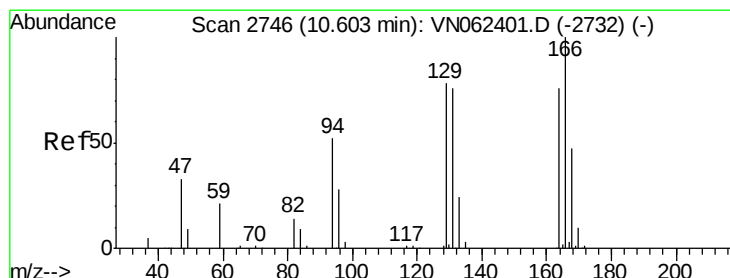
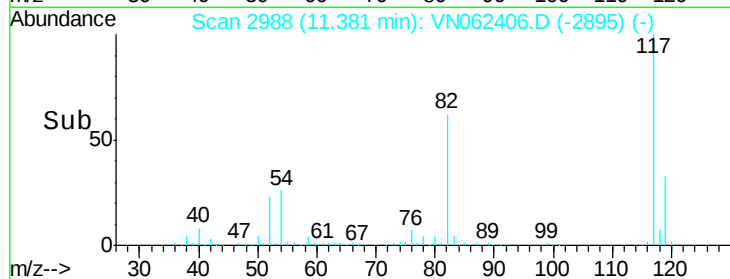
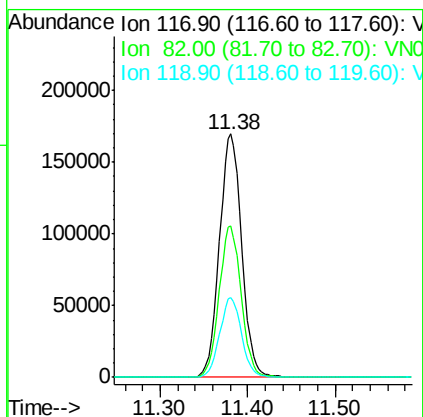
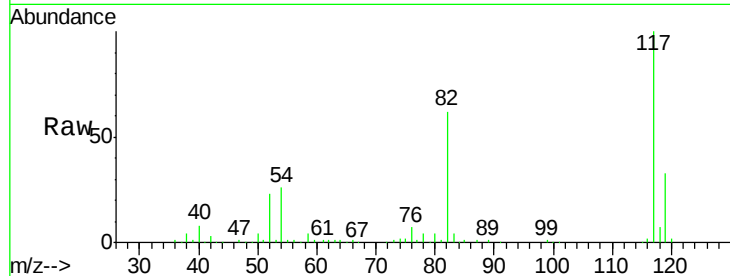
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN062406.D
Acq: 8 Jul 2020 14:37

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

Tot Ion	Ratio	Resp	Lower	Upper
117	100	299338		
82	62.1	49.6	74.4	
119	32.8	25.4	38.0	

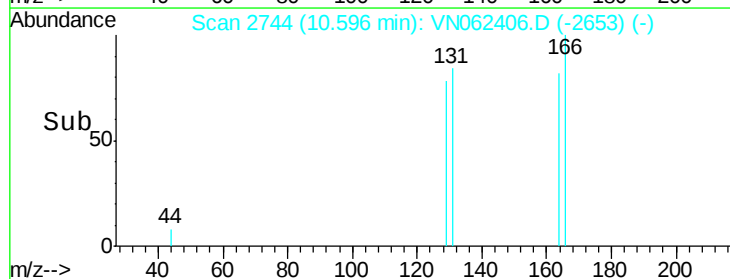
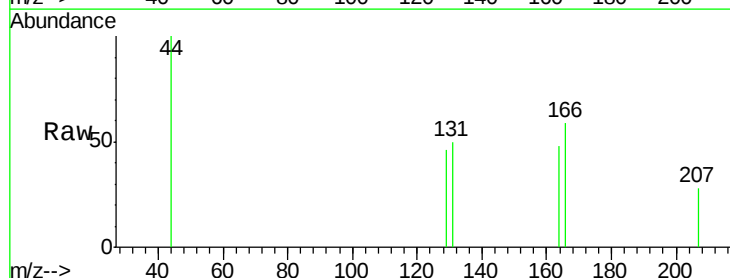
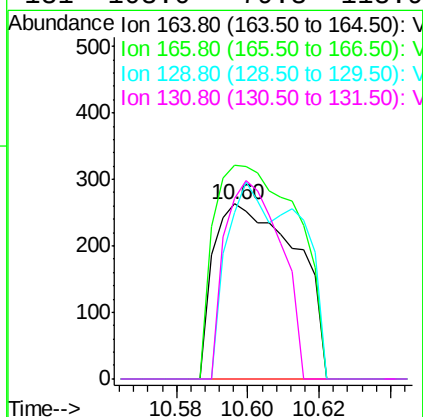
Manual Integrations
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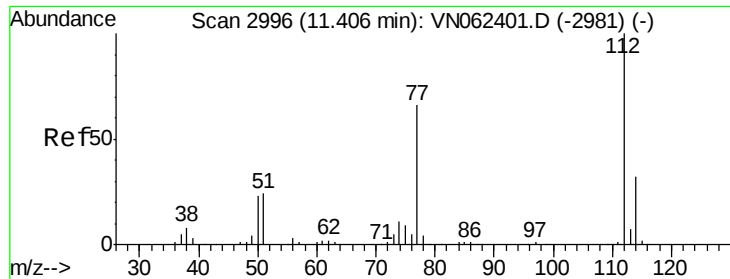
MMDadoda
7/9/2020 10:54:58 AM



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

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





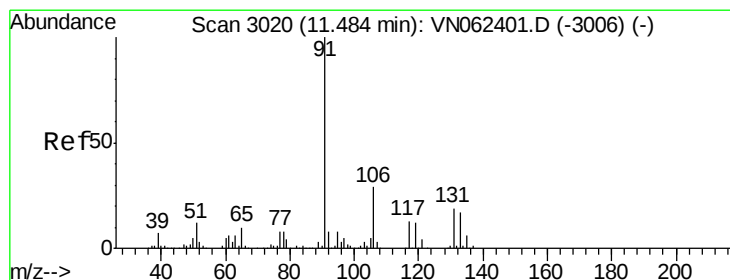
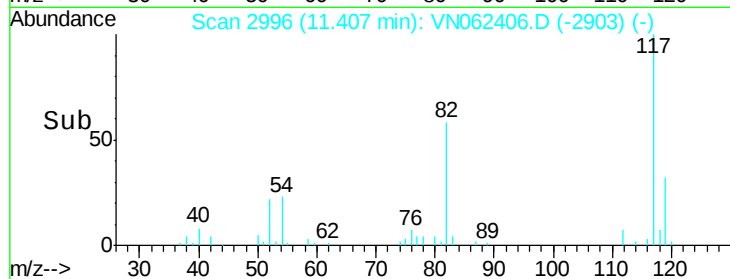
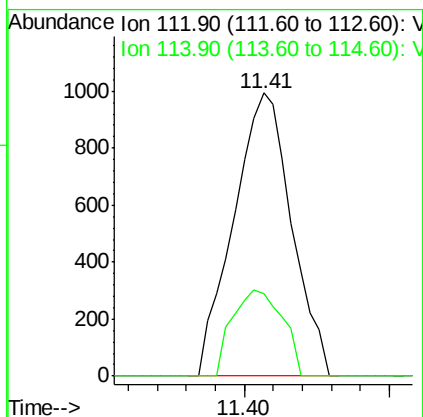
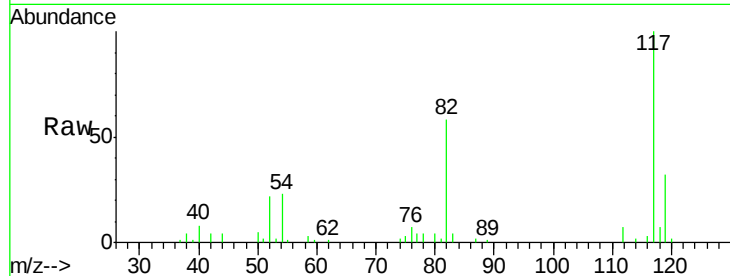
#65
Chlorobenzene
Concen: 0.237 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN062406.D
Acq: 8 Jul 2020 14:37

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

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

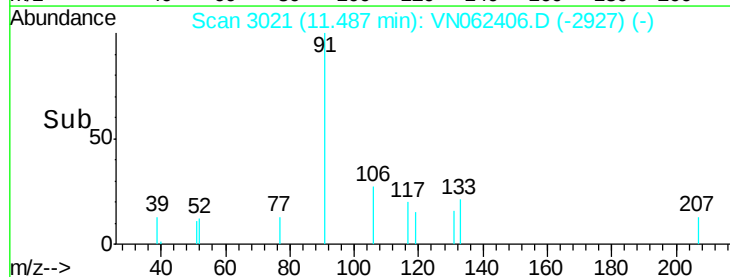
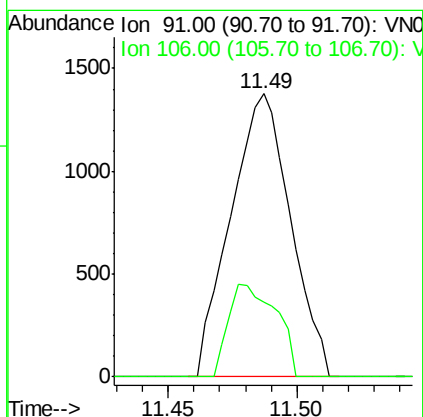
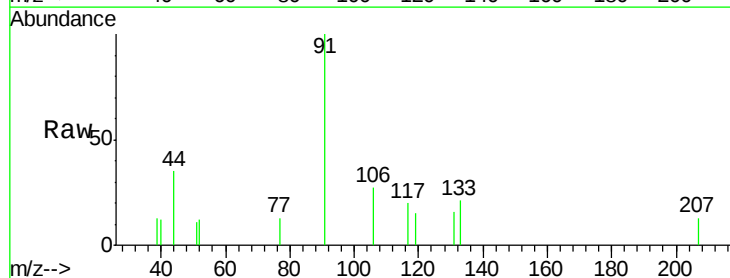
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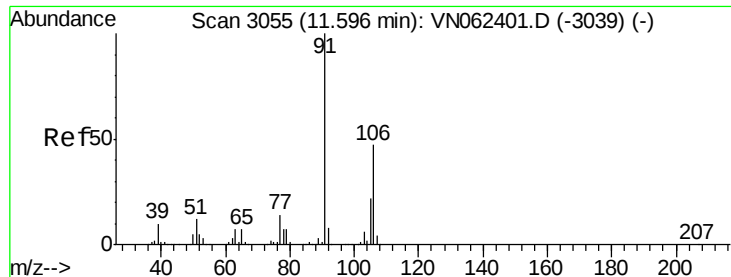
MMDadoda
7/9/2020 10:54:58 AM



#67
Ethyl Benzene
Concen: 0.204 ug/l
RT: 11.49 min Scan# 3021
Delta R.T. 0.00 min
Lab File: VN062406.D
Acq: 8 Jul 2020 14:37

Tgt Ion: 91 Resp: 2228
Ion Ratio Lower Upper
91 100
106 26.5 23.4 35.2





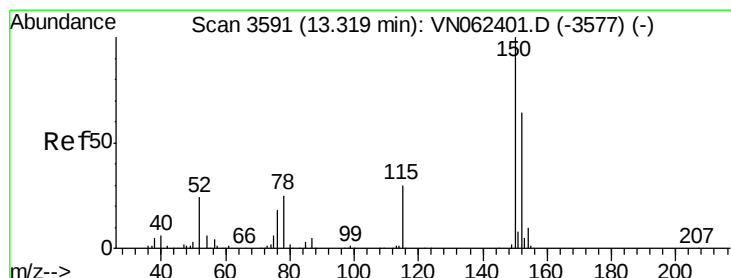
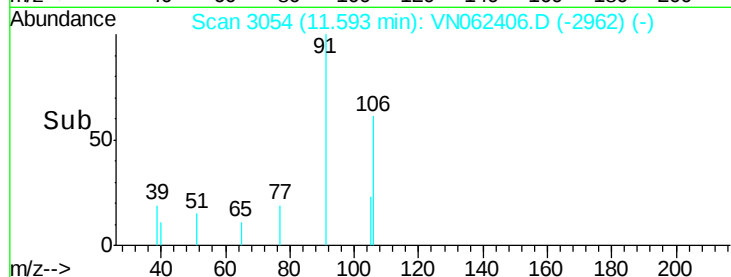
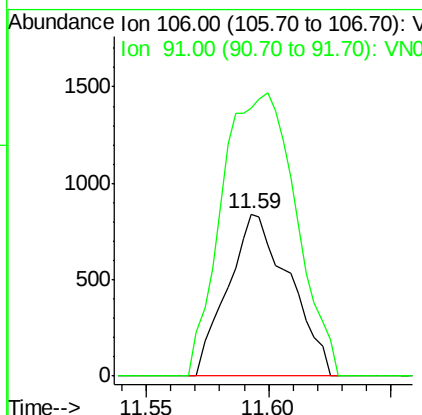
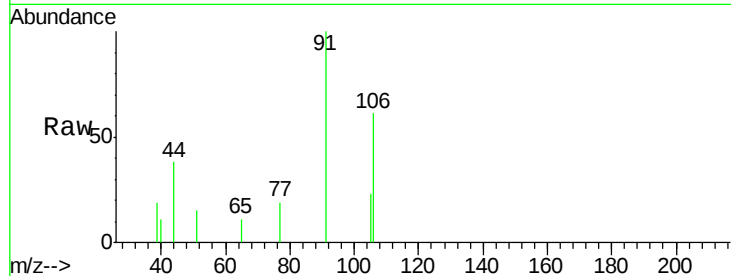
#68
m/p-Xvlenes
Concen: 0.382 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN062406.D
Acq: 8 Jul 2020 14:37

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

Tot Ion:106 Resp: 1475
Ion Ratio Lower Upper
106 100
91 210.0 172.4 258.6

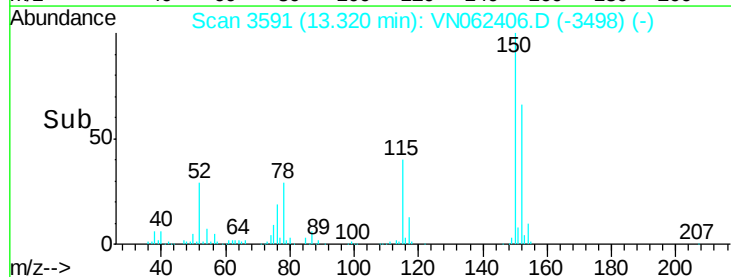
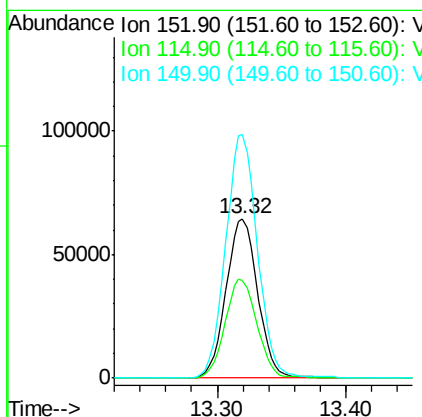
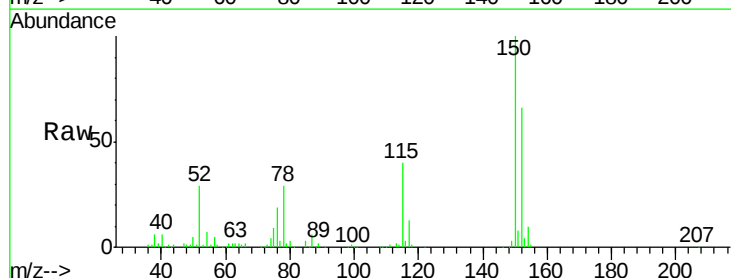
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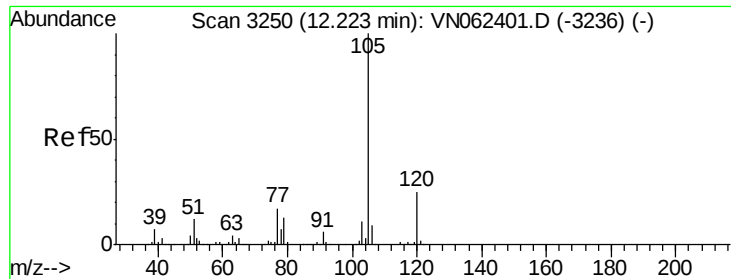
MMDadoda
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN062406.D
Acq: 8 Jul 2020 14:37

Tgt Ion:152 Resp: 110137
Ion Ratio Lower Upper
152 100
115 62.8 31.4 94.2
150 152.8 0.0 347.4





#73

Isopropylbenzene

Concen: 0.212 ug/l

RT: 12.23 min Scan# 3251

Delta R.T. 0.00 min

Lab File: VN062406.D

Acq: 8 Jul 2020 14:37

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

Tot Ion:105 Resp: 1807

Ion Ratio Lower Upper

105 100

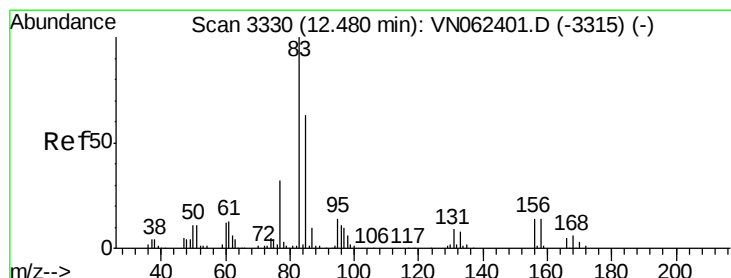
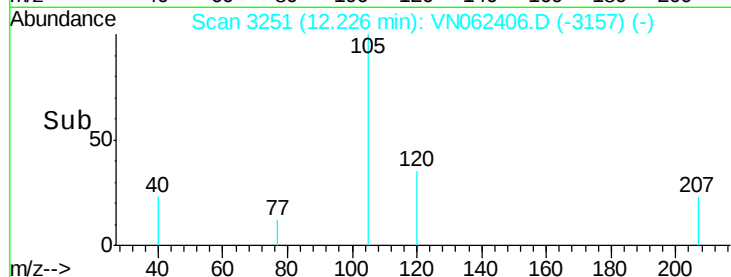
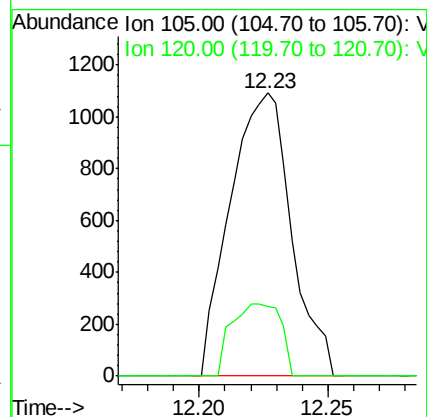
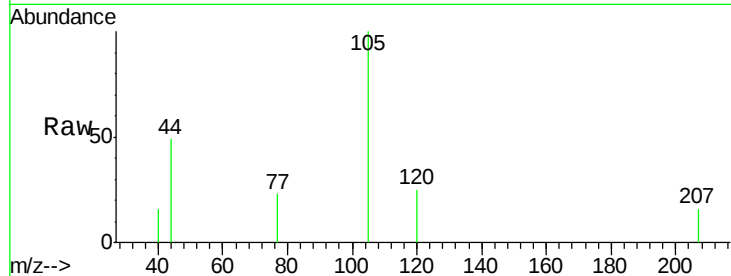
120 20.5 12.7 38.1

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#75

1,1,2,2-Tetrachloroethane

Concen: 0.213 ug/l

RT: 12.48 min Scan# 3331

Delta R.T. 0.00 min

Lab File: VN062406.D

Acq: 8 Jul 2020 14:37

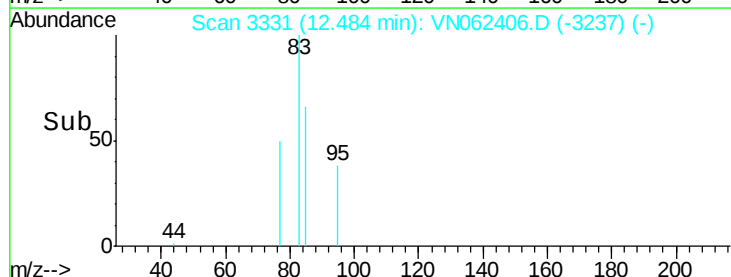
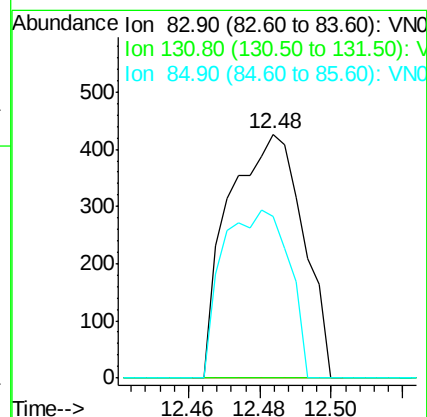
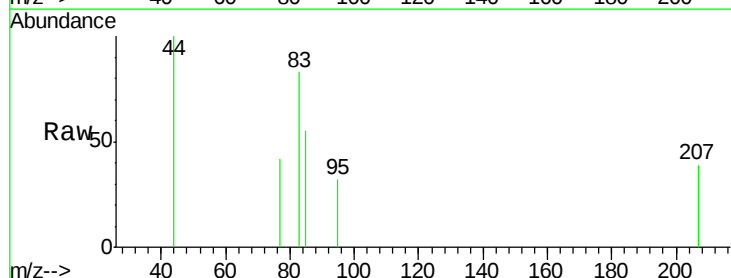
Tgt Ion: 83 Resp: 611

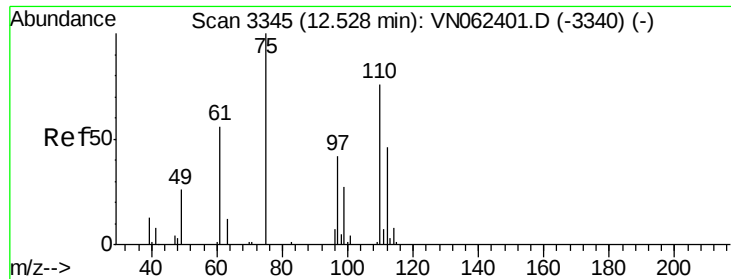
Ion Ratio Lower Upper

83 100

131 0.0 4.5 13.5#

85 61.5 31.9 95.9





#76

1,2,3-Trichloropropane

Concen: 0.218 ug/l m

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN062406.D

Acq: 8 Jul 2020 14:37

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

Tot Ion: 75 Resp: 589

Ion Ratio Lower Upper

75 100

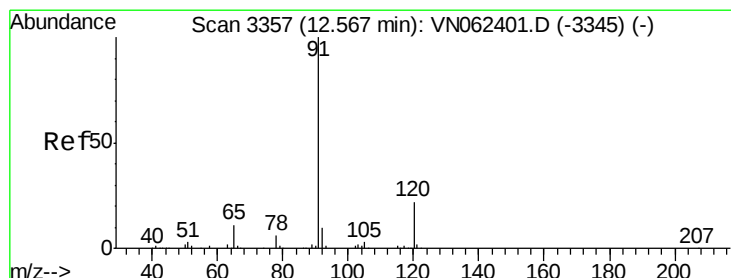
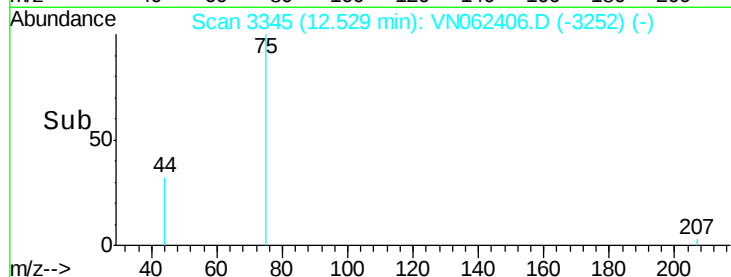
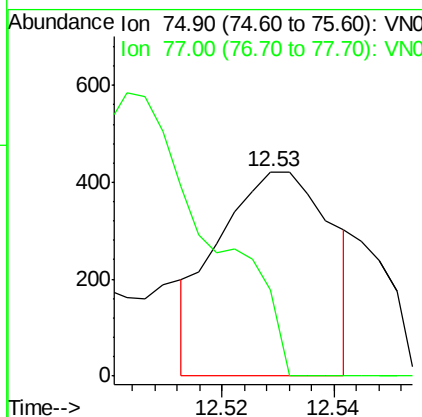
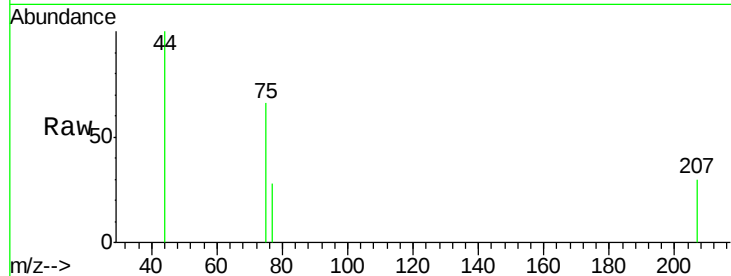
77 127.2 0.0 0.0#

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#78

n-propylbenzene

Concen: 0.243 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. 0.00 min

Lab File: VN062406.D

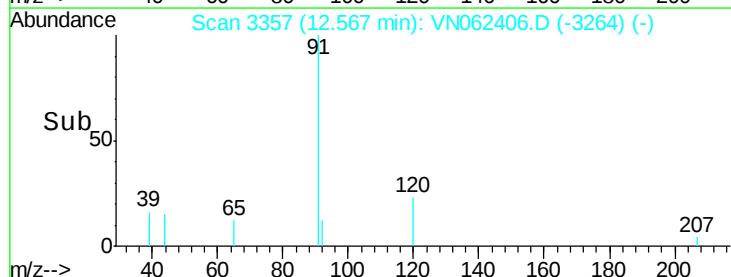
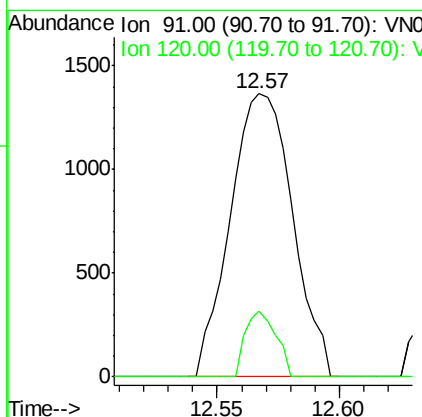
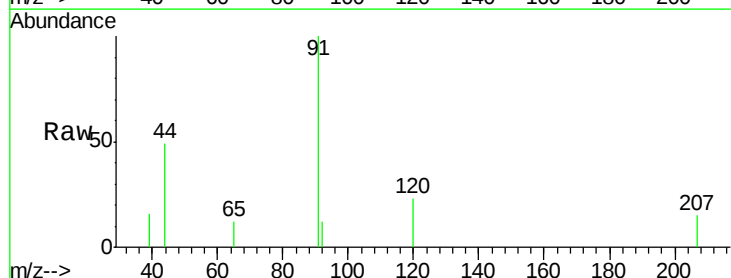
Acq: 8 Jul 2020 14:37

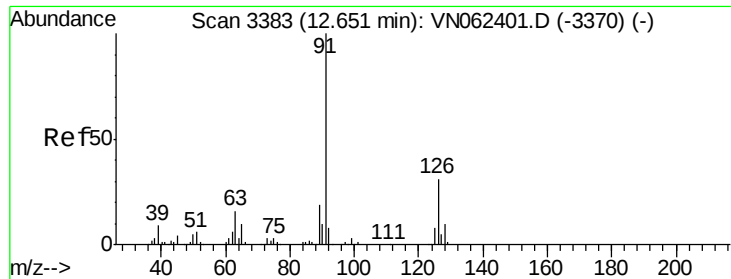
Tgt Ion: 91 Resp: 2420

Ion Ratio Lower Upper

91 100

120 11.3 10.7 32.1





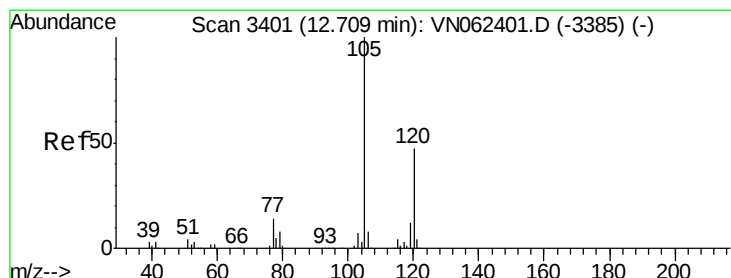
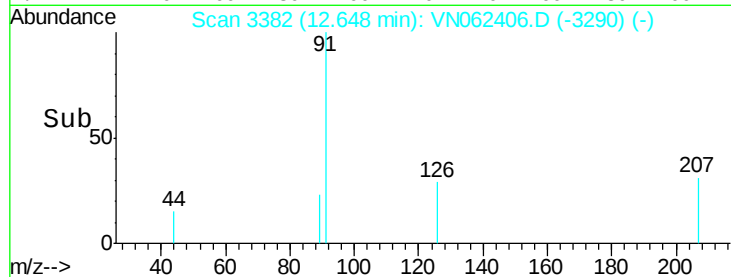
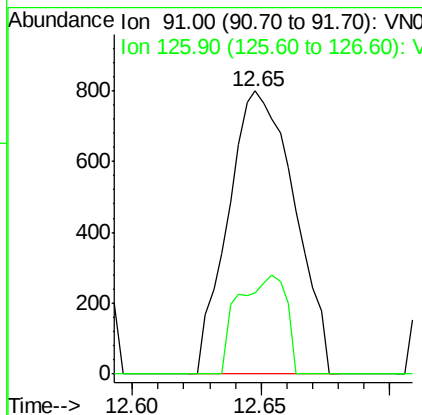
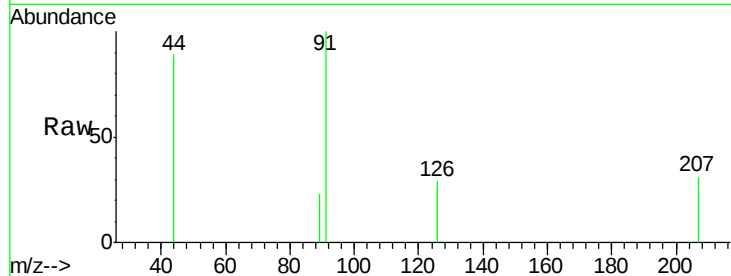
#79
 2-Chlorotoluene
 Concen: 0.237 ug/l
 RT: 12.65 min Scan# 3382
 Delta R.T. -0.00 min
 Lab File: VN062406.D
 Acq: 8 Jul 2020 14:37

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

Tot Ion: 91 Resp: 1430
 Ion Ratio Lower Upper
 91 100
 126 25.3 15.6 46.7

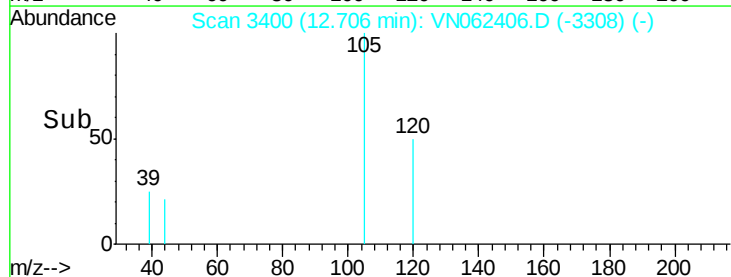
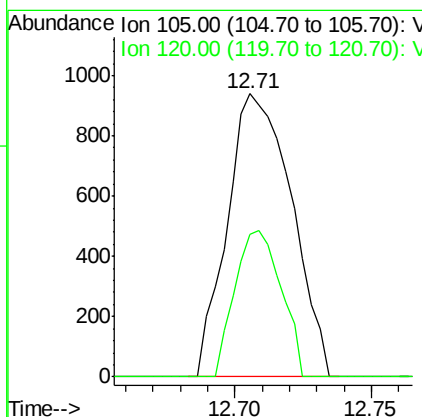
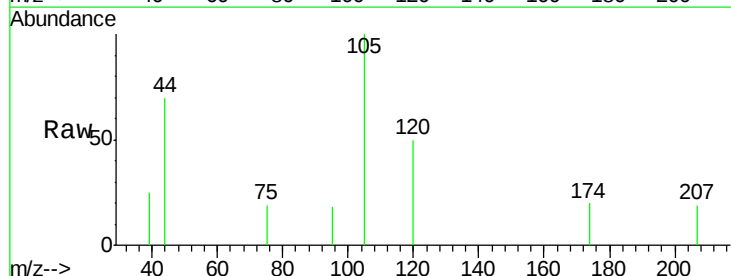
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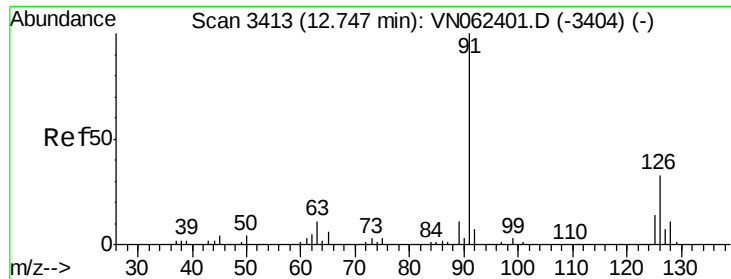
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#80
 1,3,5-Trimethylbenzene
 Concen: 0.220 ug/l
 RT: 12.71 min Scan# 3400
 Delta R.T. -0.00 min
 Lab File: VN062406.D
 Acq: 8 Jul 2020 14:37

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





#82

4-Chlorotoluene

Concen: 0.276 ug/l

RT: 12.75 min Scan# 3414

Delta R.T. 0.00 min

Lab File: VN062406.D

Acq: 8 Jul 2020 14:37

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

Tot Ion: 91 Resp: 1693

Ion Ratio Lower Upper

91 100

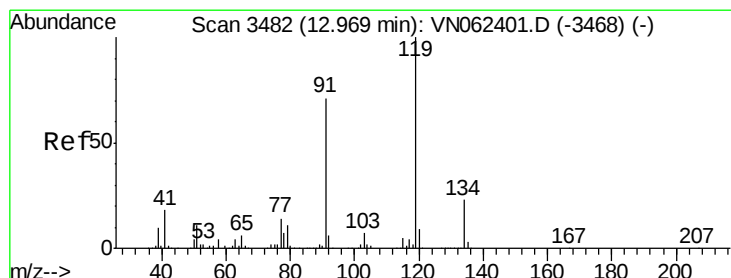
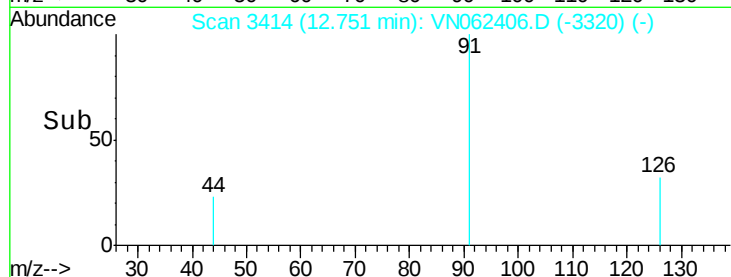
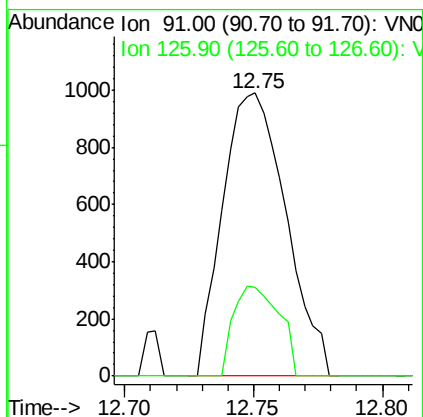
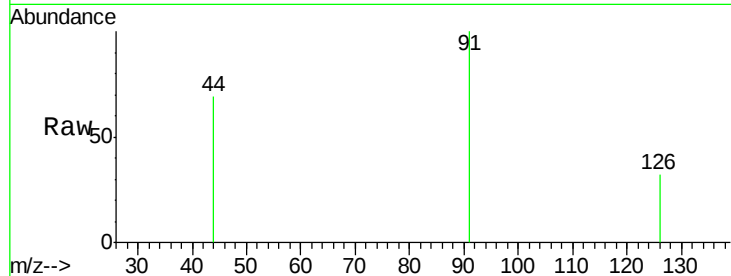
126 22.9 15.2 45.6

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#83

tert-Butylbenzene

Concen: 0.202 ug/l

RT: 12.97 min Scan# 3482

Delta R.T. 0.00 min

Lab File: VN062406.D

Acq: 8 Jul 2020 14:37

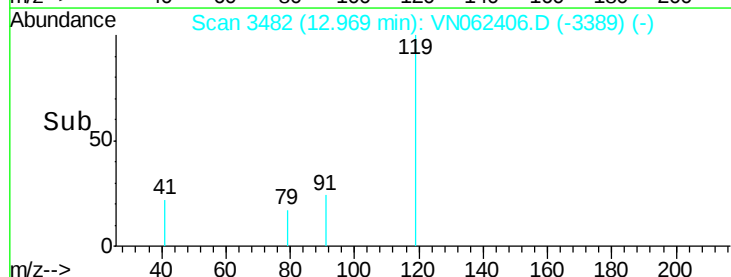
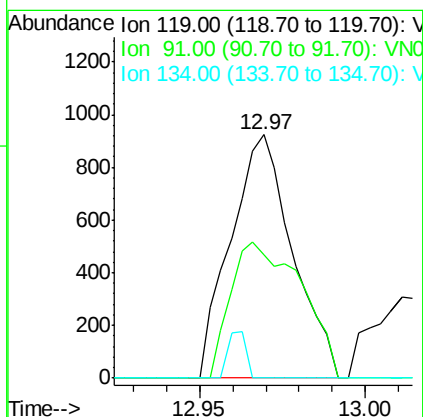
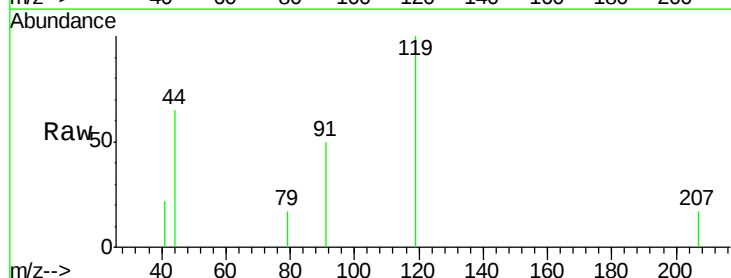
Tgt Ion: 119 Resp: 1197

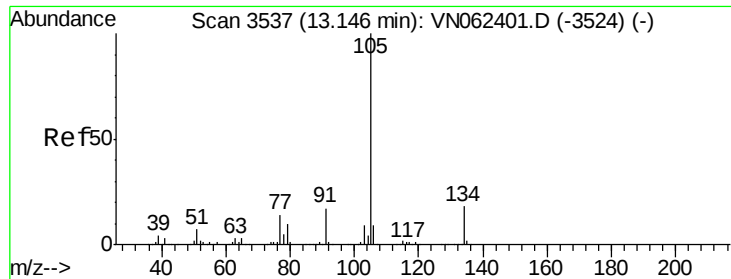
Ion Ratio Lower Upper

119 100

91 64.2 34.8 104.3

134 5.5 11.7 35.0#





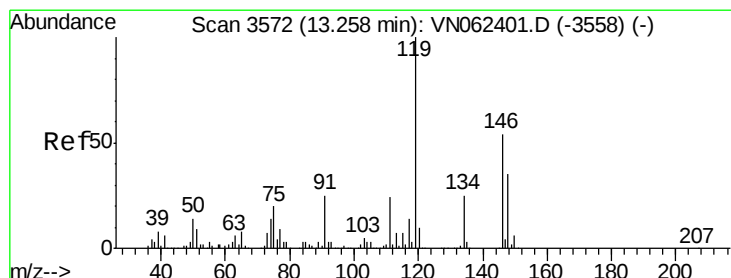
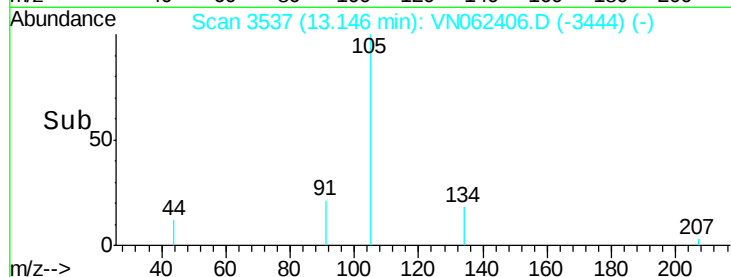
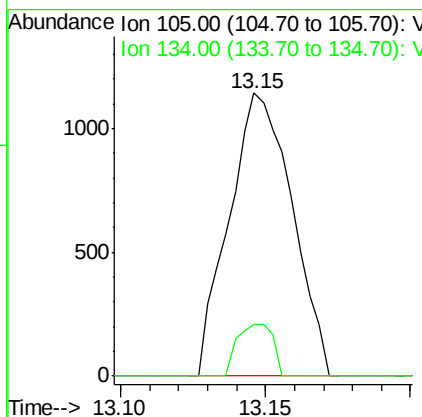
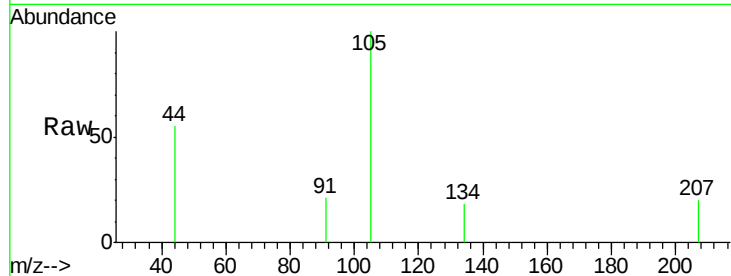
#85
 sec-Butylbenzene
 Concen: 0.219 ug/l
 RT: 13.15 min Scan# 3537
 Delta R.T. 0.00 min
 Lab File: VN062406.D
 Acq: 8 Jul 2020 14:37

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

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

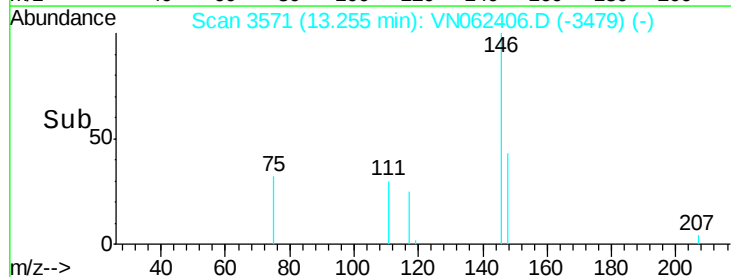
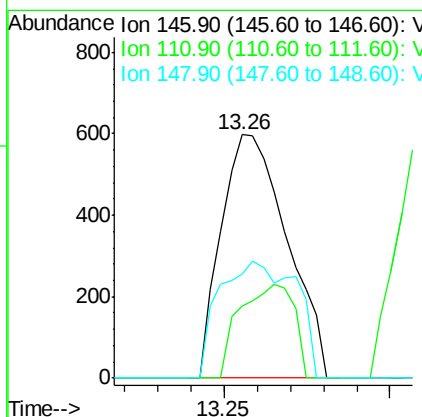
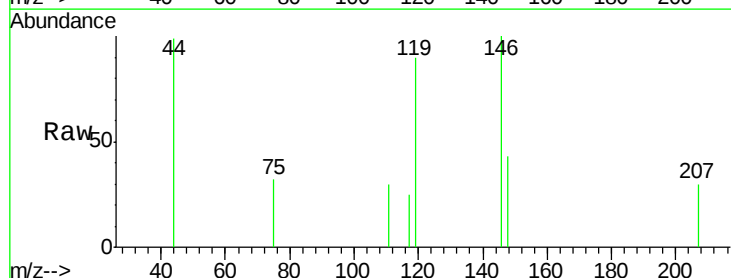
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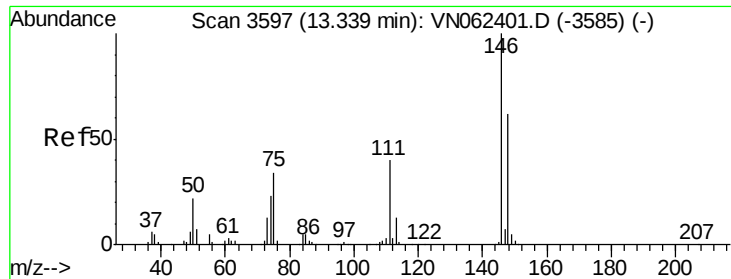
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#87
 1,3-Dichlorobenzene
 Concen: 0.247 ug/l
 RT: 13.26 min Scan# 3571
 Delta R.T. -0.00 min
 Lab File: VN062406.D
 Acq: 8 Jul 2020 14:37

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





#88

1,4-Dichlorobenzene

Concen: 0.285 ug/l m

RT: 13.34 min Scan# 3596

Delta R.T. -0.00 min

Lab File: VN062406.D

Acq: 8 Jul 2020 14:37

Instrument :

MSVOA_N

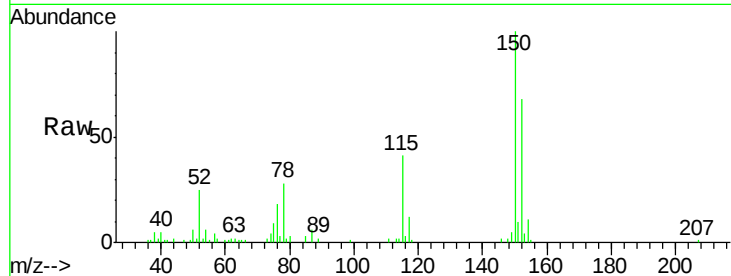
ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

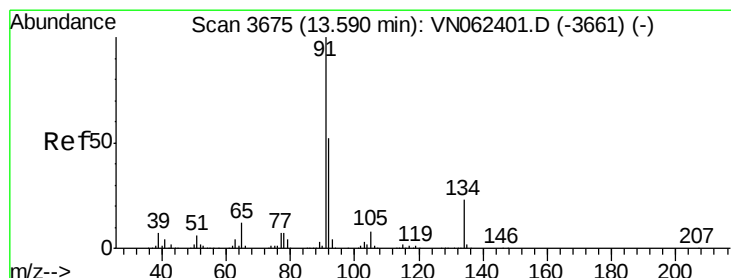
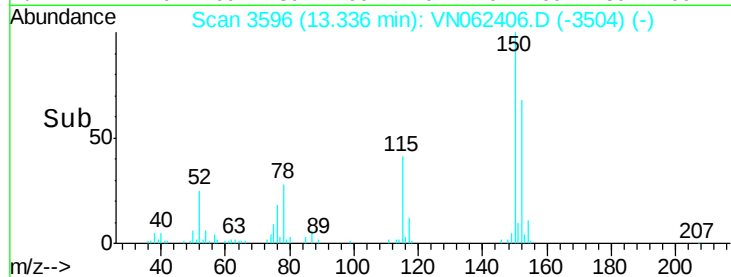
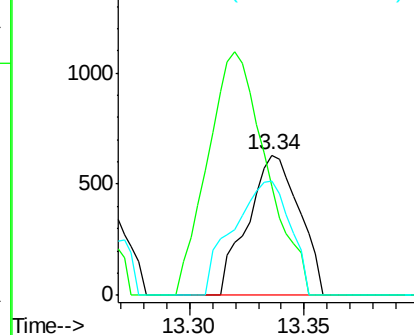
Tot Ion:	146	Resp:	981
Ion Ratio	Lower	Upper	
146	100		
111	26.5	21.1	63.1
148	46.9	31.4	94.2

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



#89

n-Butylbenzene

Concen: 0.236 ug/l

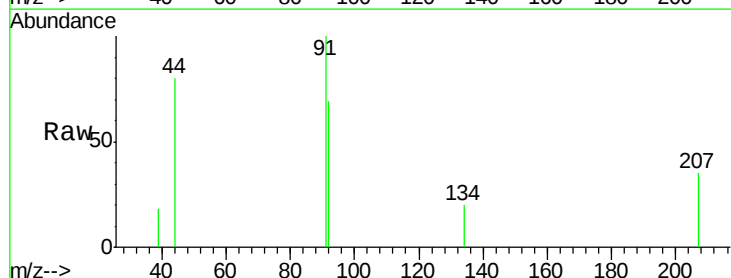
RT: 13.59 min Scan# 3676

Delta R.T. 0.00 min

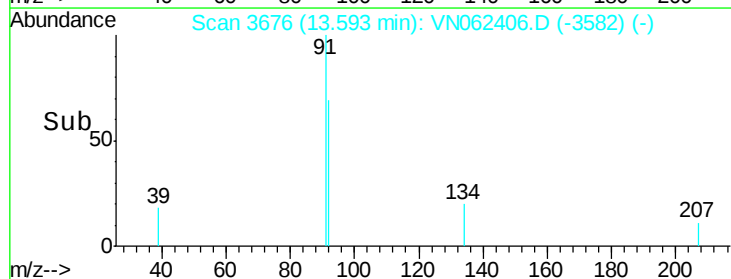
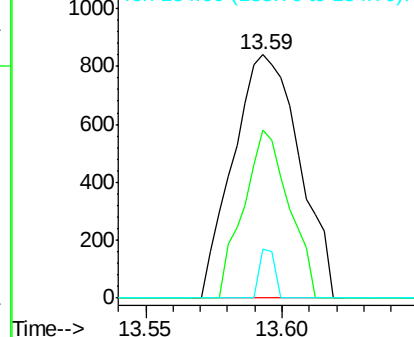
Lab File: VN062406.D

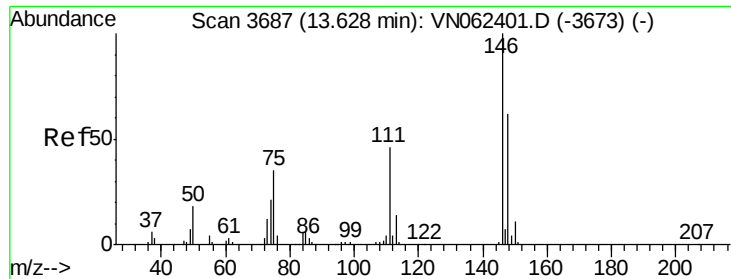
Acq: 8 Jul 2020 14:37

Tgt Ion:	91	Resp:	1412
Ion Ratio	Lower	Upper	
91	100		
92	47.3	25.9	77.7
134	4.5	11.6	34.8#



Abundance Ion 91.00 (90.70 to 91.70): VN
Ion 92.00 (91.70 to 92.70): VN
Ion 134.00 (133.70 to 134.70): V





#91

1,2-Dichlorobenzene

Concen: 0.235 ug/l

RT: 13.63 min Scan# 3687

Delta R.T. 0.00 min

Lab File: VN062406.D

Acq: 8 Jul 2020 14:37

Instrument :

MSVOA_N

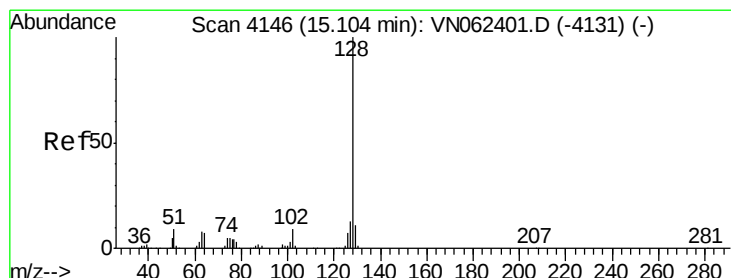
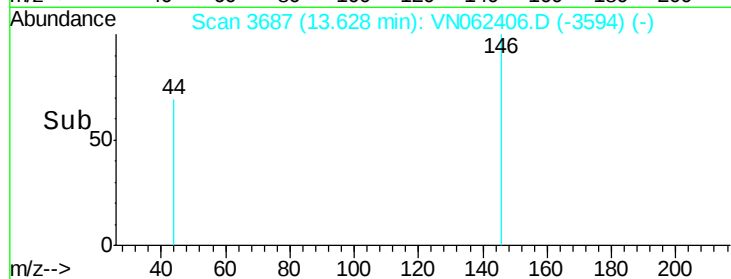
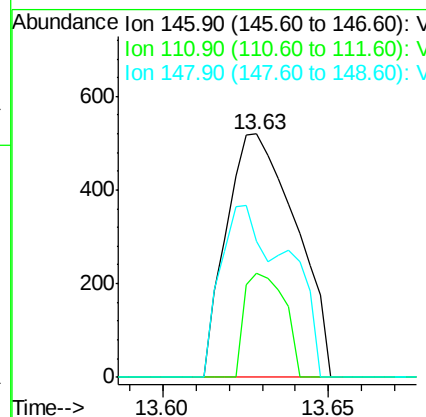
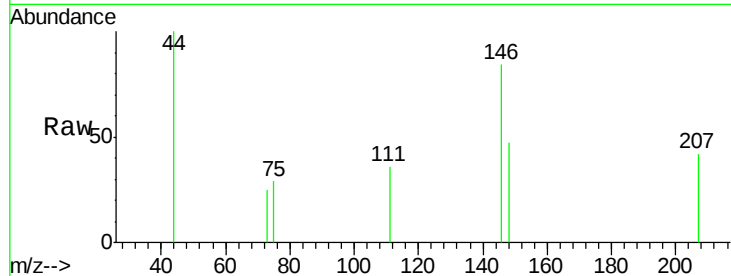
ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

Tot Ion:	146	Resp:	758
Ion	Ratio	Lower	Upper
146	100		
111	24.7	22.5	67.5
148	68.3	31.4	94.2

Manual Integrations
APPROVED

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7/9/2020 10:54:58 AM



#95

Naphthalene

Concen: 0.369 ug/l

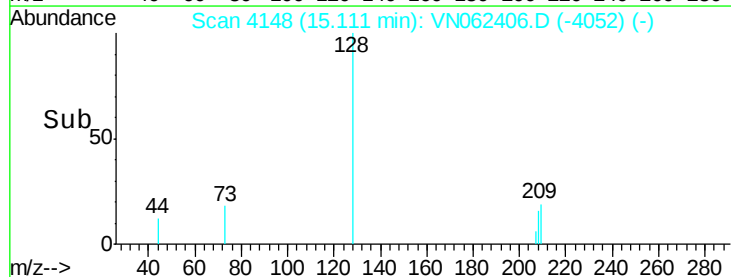
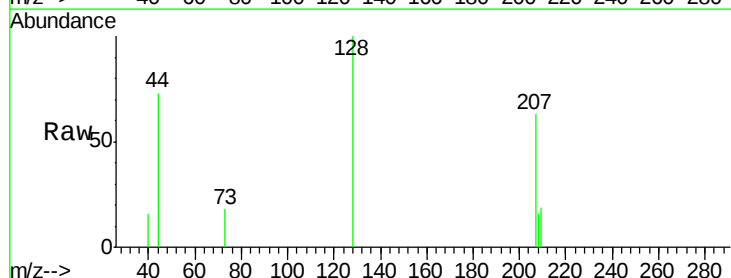
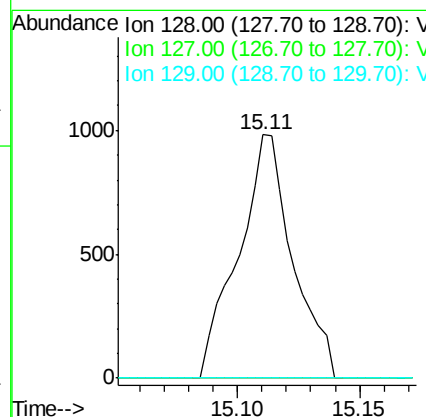
RT: 15.11 min Scan# 4148

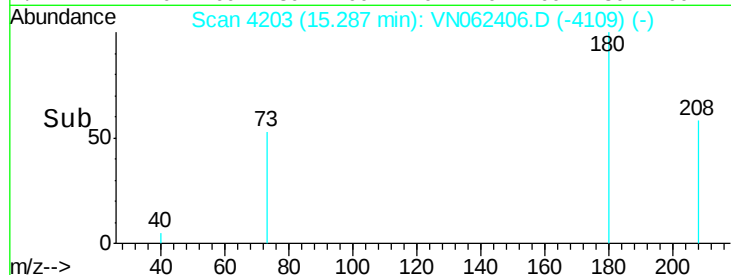
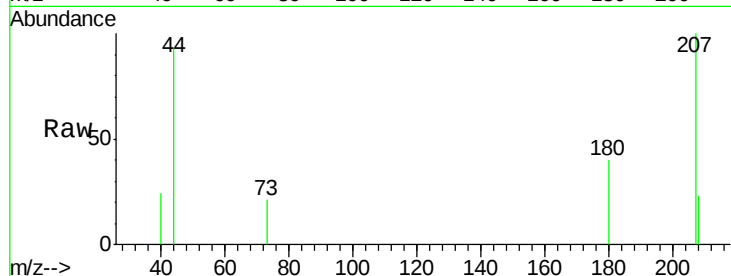
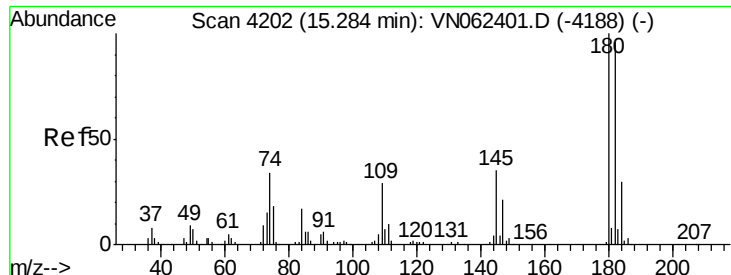
Delta R.T. 0.01 min

Lab File: VN062406.D

Acq: 8 Jul 2020 14:37

Tgt Ion:	128	Resp:	1517
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.2	15.2#
129	0.0	8.6	12.8#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.234 ug/l
 RT: 15.29 min Scan# 4203
 Delta R.T. 0.00 min
 Lab File: VN062406.D
 Acq: 8 Jul 2020 14:37

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

Tot Ion	Ratio	Lower	Upper
180	100		
182	57.5	47.8	143.4
145	0.0	17.0	50.9#

Manual Integrations
 APPROVED

MMDadoda
 7/9/2020 10:54:58 AM

