

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100720\
 Data File : VN063952.D
 Acq On : 7 Oct 2020 18:55
 Operator : JC/MD
 Sample : L4250-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-12

Quant Time: Oct 08 05:03:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	248971	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	456912	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	471475	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	214858	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	211185	51.34	ug/l	0.00
Spiked Amount			Recovery	=	102.68%	
35) Dibromofluoromethane	7.55	113	153384	48.38	ug/l	0.00
Spiked Amount			Recovery	=	96.76%	
50) Toluene-d8	10.06	98	582491	48.47	ug/l	0.00
Spiked Amount			Recovery	=	96.94%	
62) 4-Bromofluorobenzene	12.38	95	245359	54.31	ug/l	0.00
Spiked Amount			Recovery	=	108.62%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.04	50	2800	0.908	ug/l	93
6) Chloroethane	2.68	64	4296	2.324	ug/l	96
11) Tert butyl alcohol	4.71	59	1894	4.171	ug/l #	62
16) Acetone	3.78	43	75642	59.741	ug/l	94
17) Carbon Disulfide	4.01	76	1136	0.866	ug/l #	76
19) Methyl tert-butyl Ether	4.99	73	42491	4.665	ug/l #	74
25) 2-Butanone	6.79	43	25703	14.318	ug/l #	89
31) Cyclohexane	7.62	56	19035	3.986	ug/l #	77
36) 1,1-Dichloropropene	7.63	75	22586	4.879	ug/l #	51
37) Ethyl Acetate	6.79	43	25703	5.589	ug/l #	71
38) Carbon Tetrachloride	7.63	117	27955	5.386	ug/l #	14
39) Methylcyclohexane	9.05	83	4117	0.892	ug/l	91
40) Benzene	8.00	78	939725	71.076	ug/l	100
42) 1,2-Dichloroethane	8.09	62	32843	5.819	ug/l	91
43) Isopropyl Acetate	8.10	43	5946	0.784	ug/l #	32
45) 1,2-Dichloropropane	9.09	63	813	0.228	ug/l	90
51) 4-Methyl-2-Pentanone	9.95	43	7099	1.595	ug/l	93
52) Toluene	10.13	92	564461	69.022	ug/l	100
53) t-1,3-Dichloropropene	10.13	75	7714	1.418	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.68	63	7359	2.959	ug/l #	50
59) 2-Hexanone	10.72	43	4517	1.366	ug/l	98
61) 1,2-Dibromoethane	10.98	107	818	0.244	ug/l	83
67) Ethyl Benzene	11.49	91	784537	44.580	ug/l	100
68) m/p-Xylenes	11.60	106	290901	44.352	ug/l	97
69) o-Xylene	11.92	106	854949	139.461	ug/l	99
70) Styrene	11.92	104	43080	4.140	ug/l #	1
71) Bromoform	12.38	173	773	0.273	ug/l #	1
73) Isopropylbenzene	12.23	105	26707	1.704	ug/l	95
74) N-amyl acetate	12.01	43	2466	2.539	ug/l #	50
76) 1,2,3-Trichloropropane	12.38	75	135557	28.621	ug/l #	100
78) n-propylbenzene	12.57	91	44926	2.463	ug/l	99
79) 2-Chlorotoluene	12.63	91	8704	0.776	ug/l #	43
80) 1,3,5-Trimethylbenzene	12.71	105	82152	6.248	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.38	75	135557	82.432	ug/l #	6

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Quant Title : SW846 8260
QLast Update : Thu Oct 01 01:46:38 2020
Response via : Initial Calibration

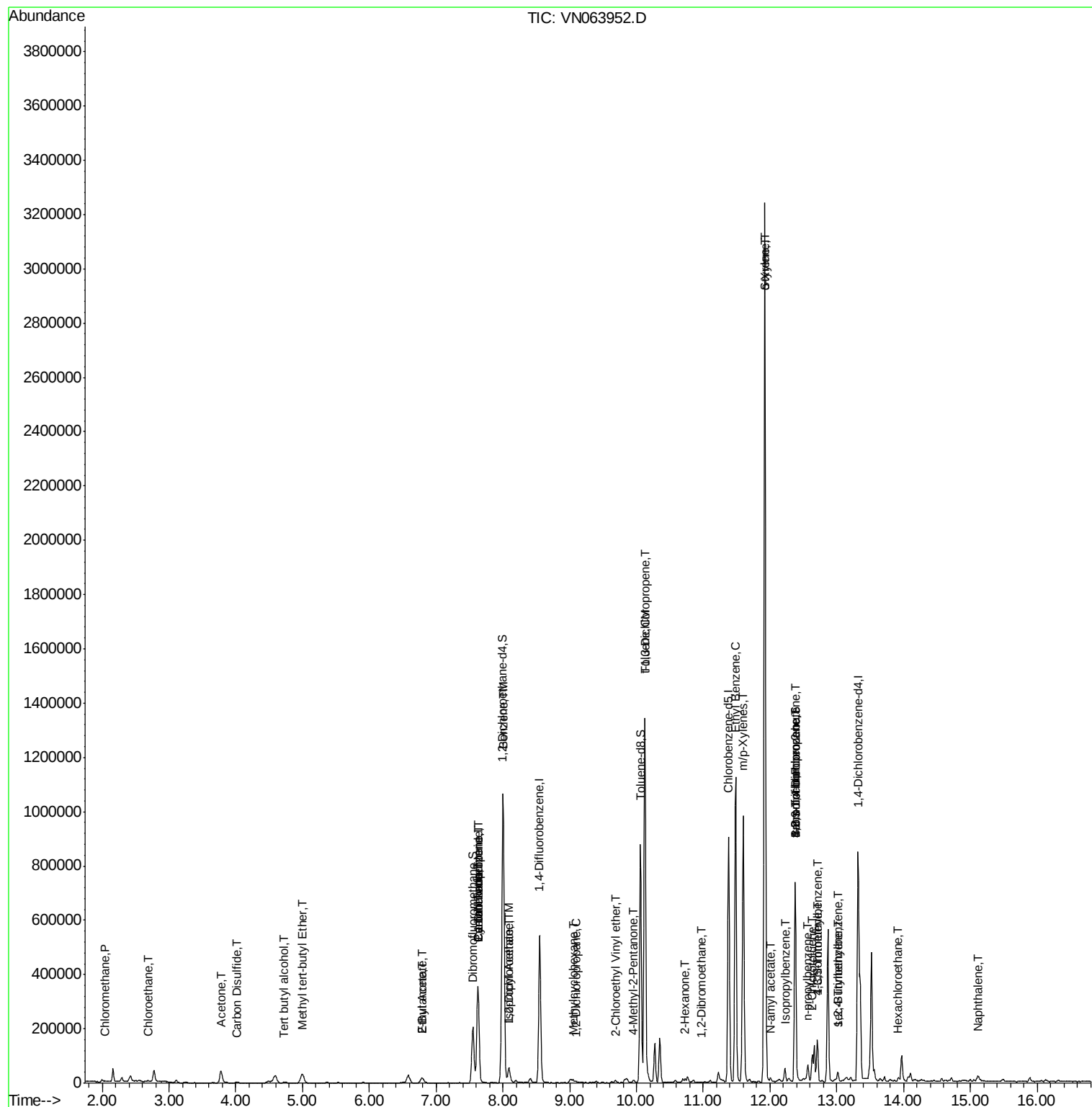
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) 4-Chlorotoluene	12.71	91	10985	0.943	ug/l #	44
84) 1,2,4-Trimethylbenzene	13.02	105	18934	1.442	ug/l	88
85) sec-Butylbenzene	13.02	105	18934	1.340	ug/l #	58
90) Hexachloroethane	13.92	117	5970	2.465	ug/l #	14
95) Naphthalene	15.11	128	14680	3.142	ug/l #	94

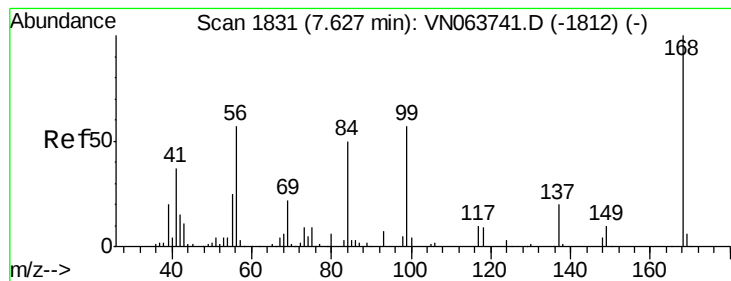
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN100720\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063952.D

Acq: 7 Oct 2020 18:55

Instrument :

MSVOA_N

ClientSampleId :

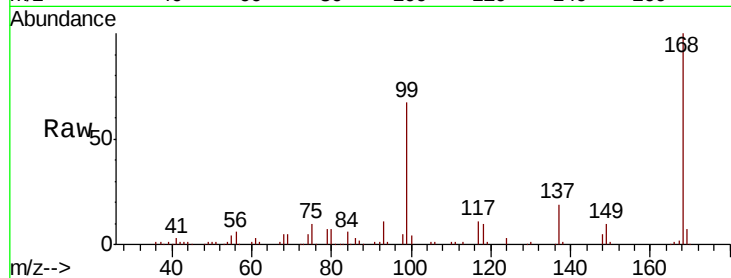
MW-12

Tot Ion:168 Resp: 248971

Ion Ratio Lower Upper

168 100

99 66.8 51.8 77.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

120000

100000

80000

60000

40000

20000

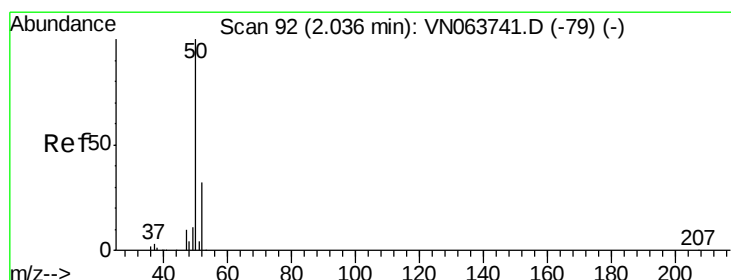
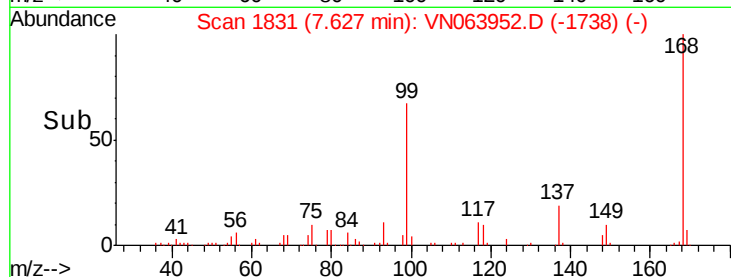
0

7.50

7.60

7.70

Time-->



#3

Chloromethane

Concen: 0.908 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.00 min

Lab File: VN063952.D

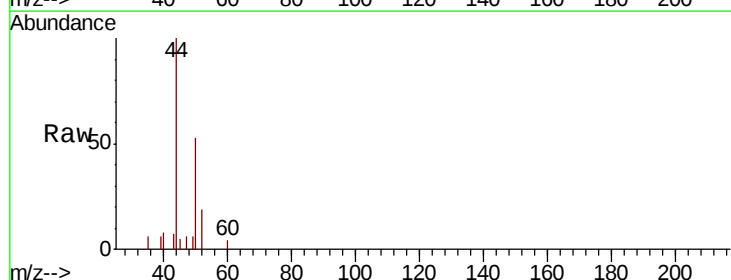
Acq: 7 Oct 2020 18:55

Tgt Ion: 50 Resp: 2800

Ion Ratio Lower Upper

50 100

52 36.4 25.8 38.8



Abundance Ion 49.90 (49.60 to 50.60): VN

Ion 51.90 (51.60 to 52.60): VN

2500

2000

1500

1000

500

0

2.00

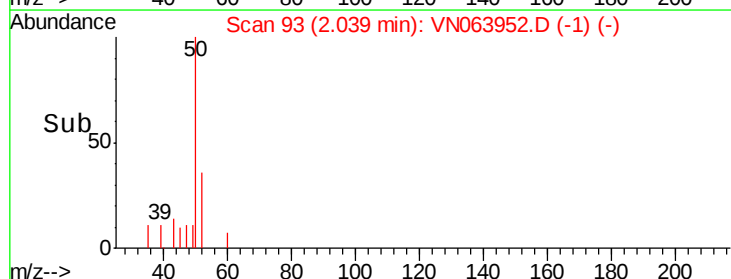
2.02

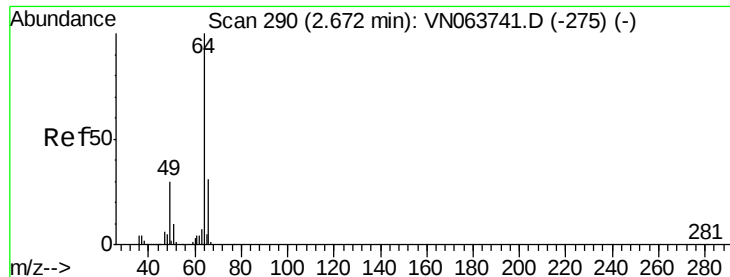
2.04

2.06

2.08

Time-->





#6

Chloroethane

Concen: 2.324 ug/l

RT: 2.68 min Scan# 292

Delta R.T. 0.01 min

Lab File: VN063952.D

Acq: 7 Oct 2020 18:55

Instrument :

MSVOA_N

ClientSampleId :

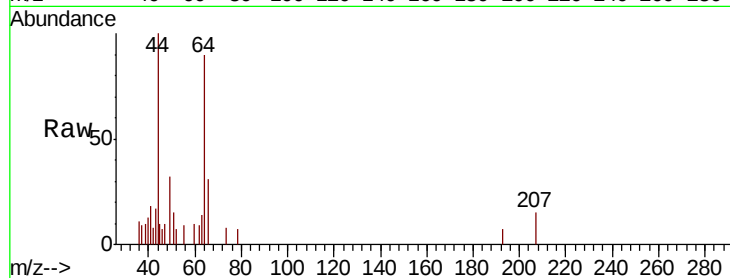
MW-12

Tot Ion: 64 Resp: 4296

Ion Ratio Lower Upper

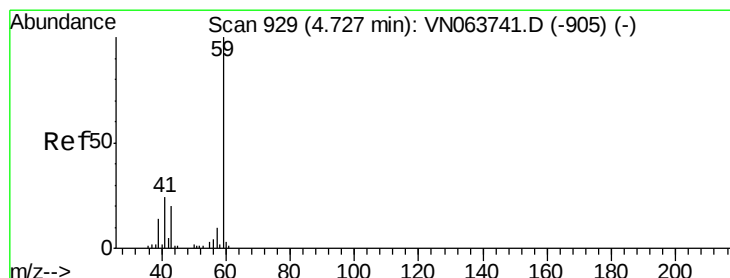
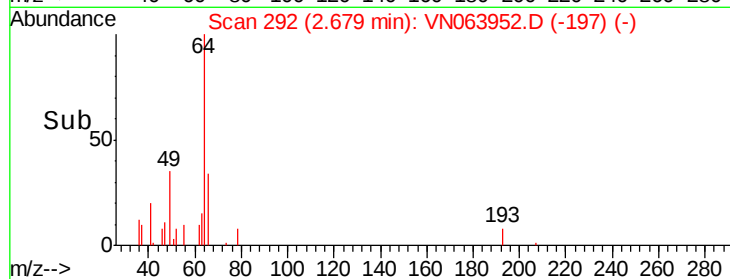
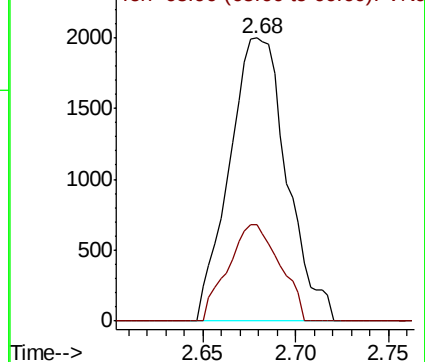
64 100

66 33.9 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



#11

Tert butyl alcohol

Concen: 4.171 ug/l

RT: 4.71 min Scan# 925

Delta R.T. -0.01 min

Lab File: VN063952.D

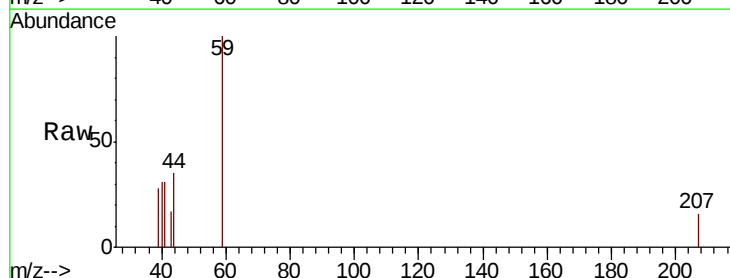
Acq: 7 Oct 2020 18:55

Tgt Ion: 59 Resp: 1894

Ion Ratio Lower Upper

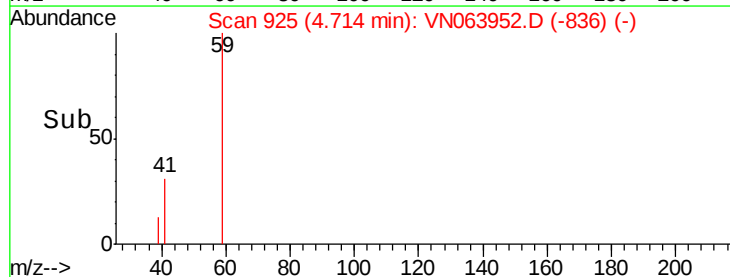
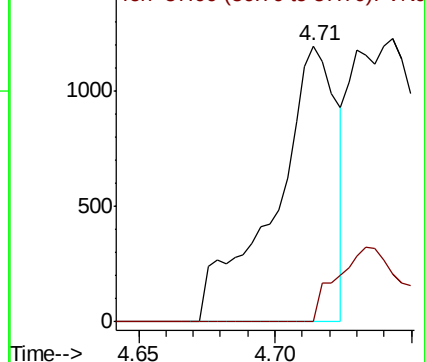
59 100

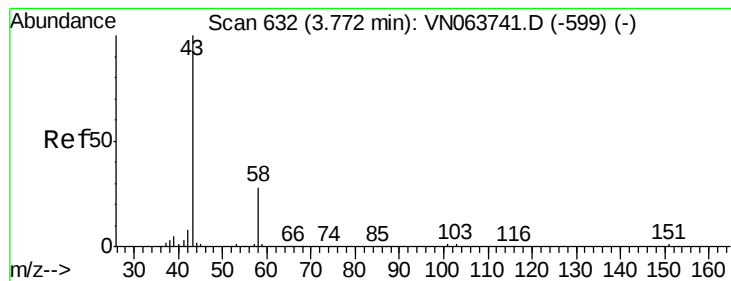
57 25.4 8.7 13.1#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0





#16

Acetone

Concen: 59.741 ug/l

RT: 3.78 min Scan# 633

Delta R.T. 0.00 min

Lab File: VN063952.D

Acq: 7 Oct 2020 18:55

Instrument :

MSVOA_N

ClientSampled :

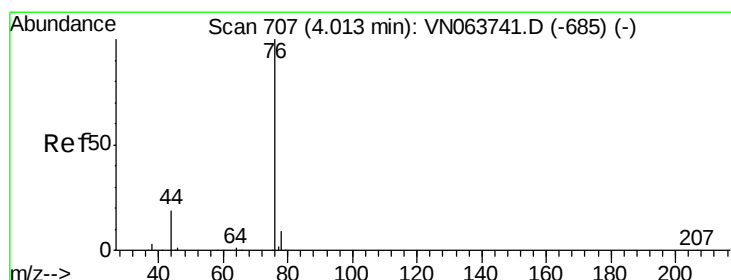
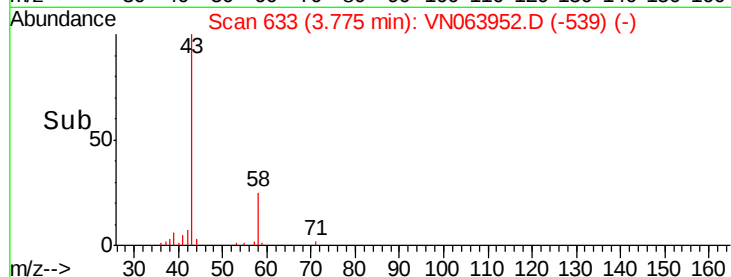
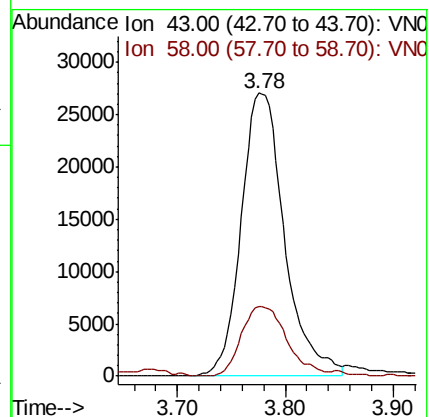
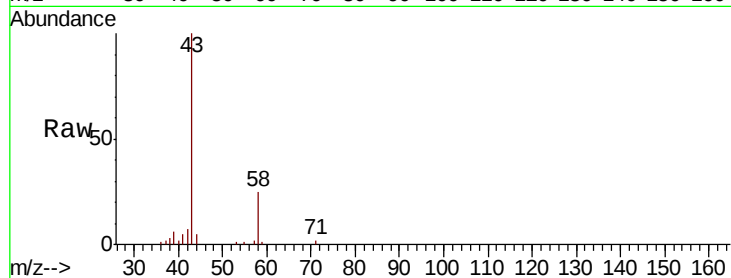
MW-12

Tot Ion: 43 Resp: 75642

Ion Ratio Lower Upper

43 100

58 24.7 22.3 33.5



#17

Carbon Disulfide

Concen: 0.866 ug/l

RT: 4.01 min Scan# 706

Delta R.T. -0.00 min

Lab File: VN063952.D

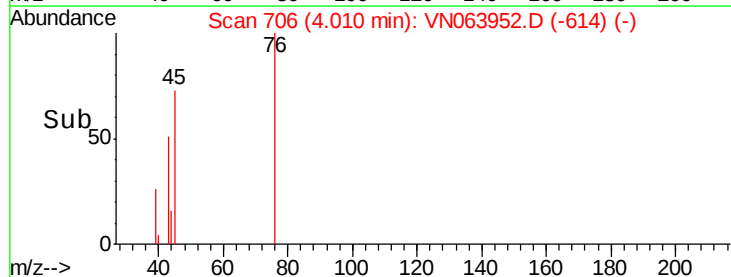
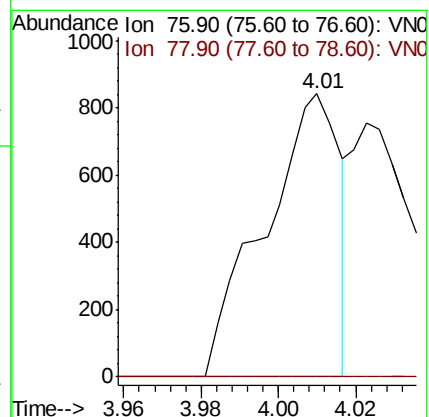
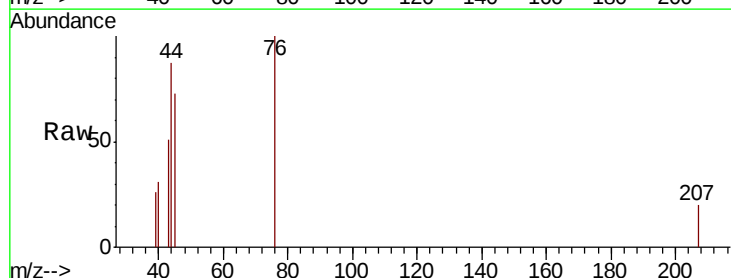
Acq: 7 Oct 2020 18:55

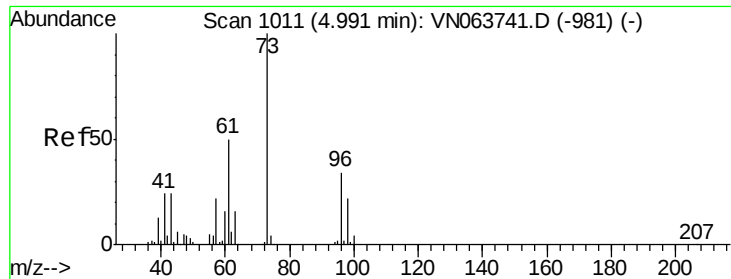
Tgt Ion: 76 Resp: 1136

Ion Ratio Lower Upper

76 100

78 0.0 7.0 10.4#

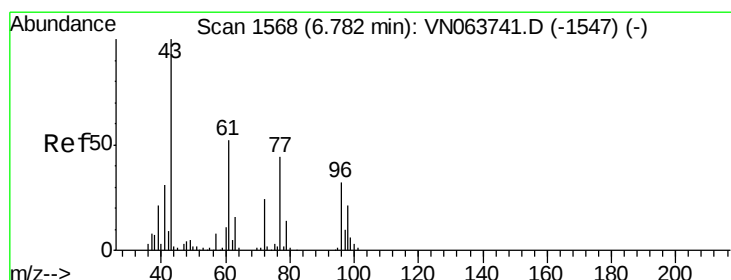
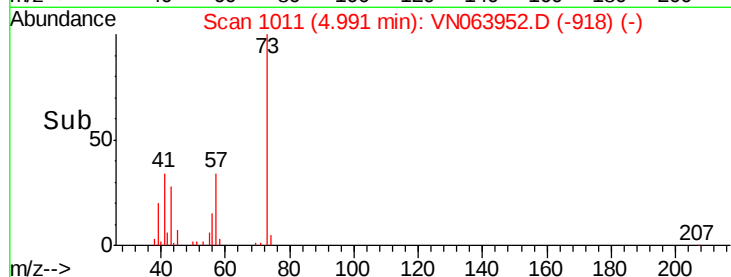
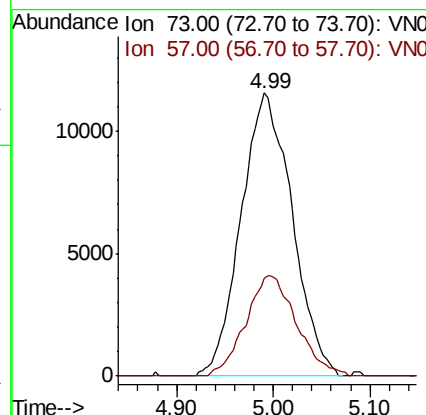
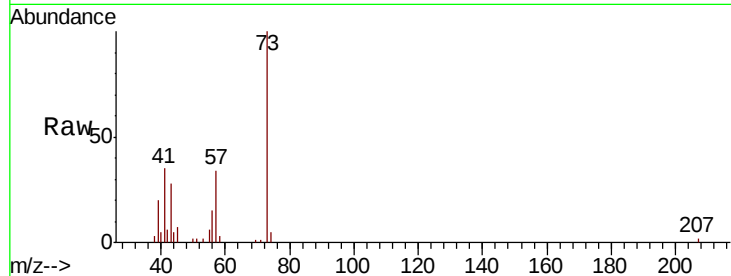




#19
Methvl tert-butvl Ether
Concen: 4.665 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN063952.D
Acq: 7 Oct 2020 18:55

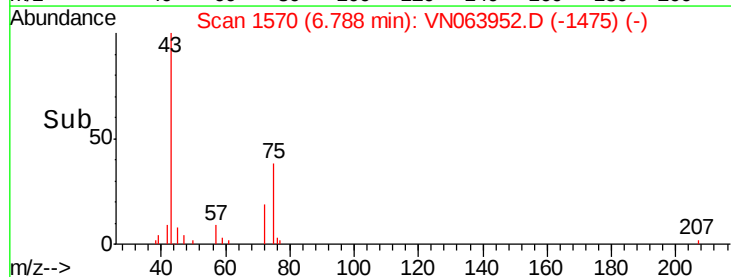
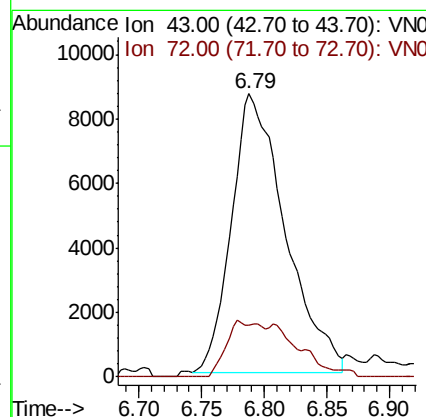
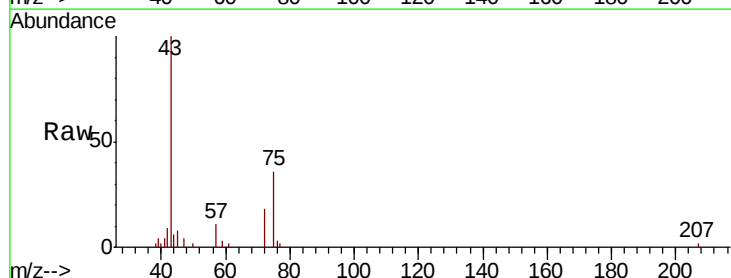
Instrument :
MSVOA_N
ClientSampled :
MW-12

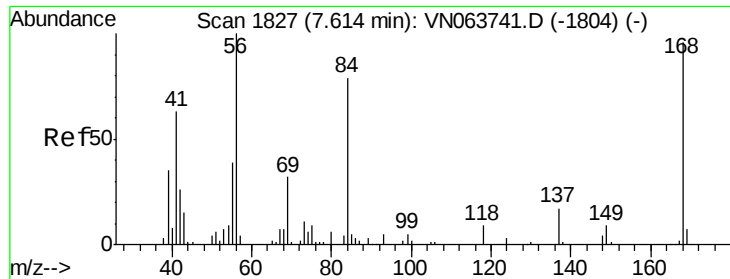
Tot Ion: 73 Resp: 42491
Ion Ratio Lower Upper
73 100
57 34.4 17.6 26.4#



#25
2-Butanone
Concen: 14.318 ug/l
RT: 6.79 min Scan# 1570
Delta R.T. 0.01 min
Lab File: VN063952.D
Acq: 7 Oct 2020 18:55

Tgt Ion: 43 Resp: 25703
Ion Ratio Lower Upper
43 100
72 18.7 19.3 28.9#

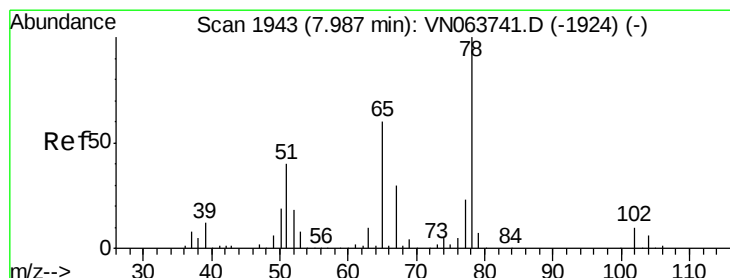
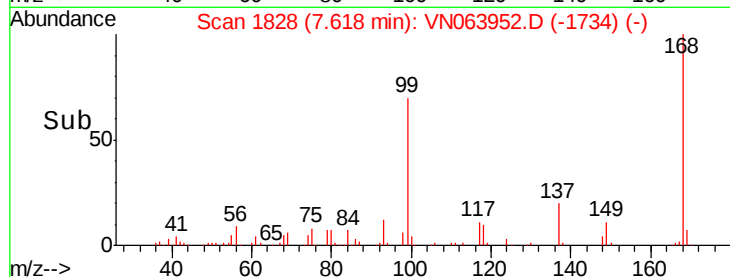
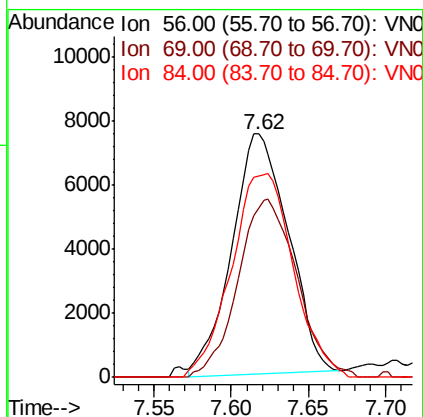
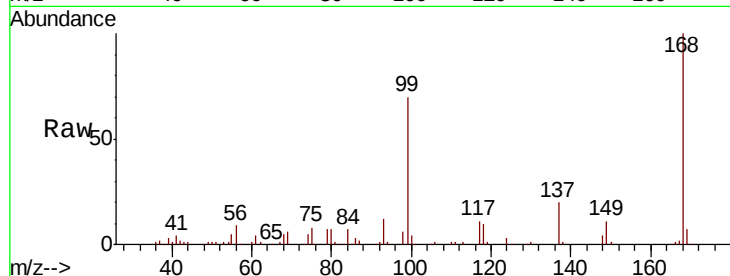




#31
Cyclohexane
Concen: 3.986 ug/l
RT: 7.62 min Scan# 1828
Delta R.T. 0.00 min
Lab File: VN063952.D
Acq: 7 Oct 2020 18:55

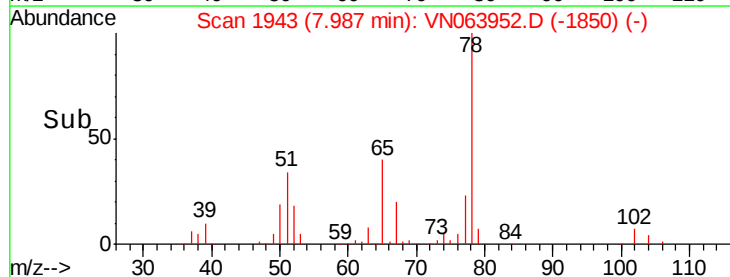
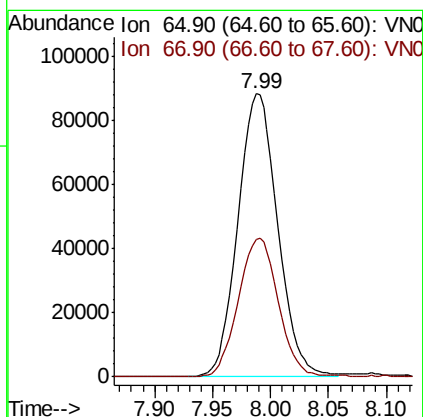
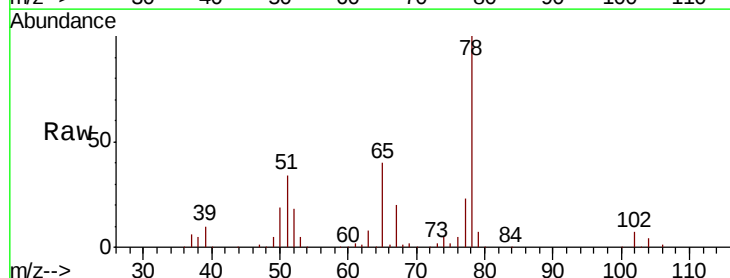
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MSVOA_N
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MW-12

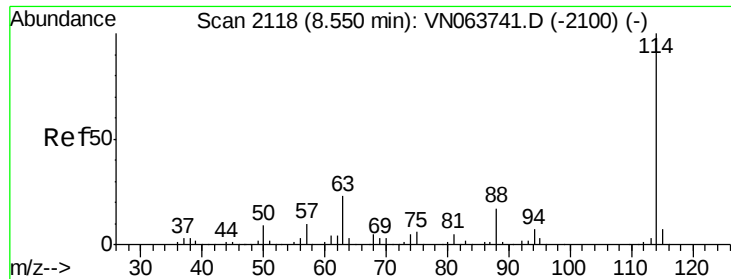
Tot Ion: 56 Resp: 19035
Ion Ratio Lower Upper
56 100
69 71.7 25.4 38.2#
84 82.0 63.3 94.9



#33
1,2-Dichloroethane-d4
Concen: 51.344 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN063952.D
Acq: 7 Oct 2020 18:55

Tgt Ion: 65 Resp: 211185
Ion Ratio Lower Upper
65 100
67 49.1 0.0 99.6

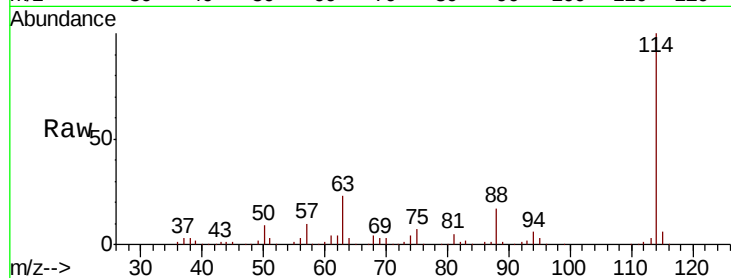




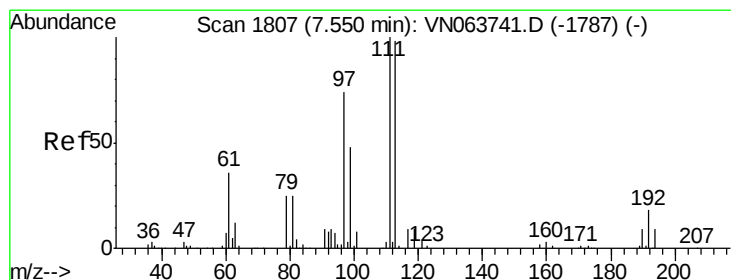
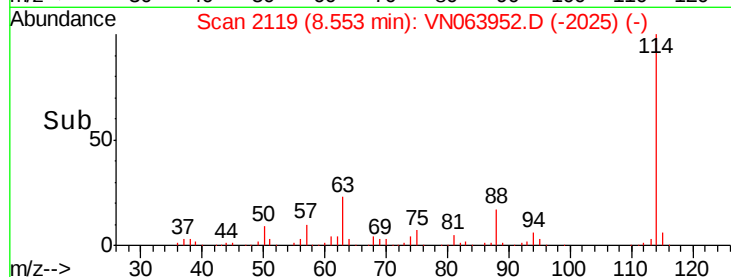
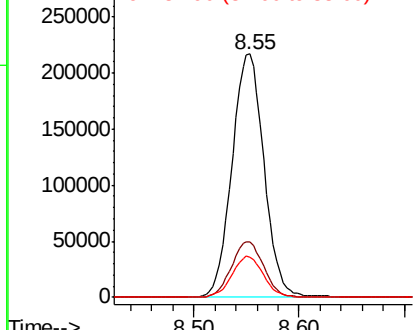
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN063952.D
Acq: 7 Oct 2020 18:55

Instrument :
MSVOA_N
ClientSampled :
MW-12

Tot Ion:114 Resp: 456912
Ion Ratio Lower Upper
114 100
63 22.7 0.0 45.0
88 16.5 0.0 34.0

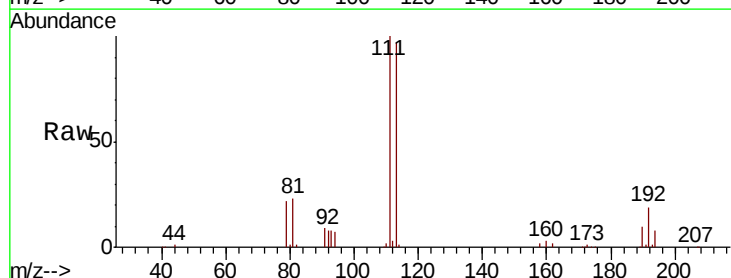


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

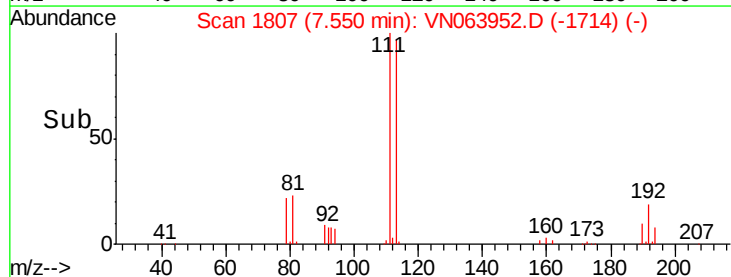
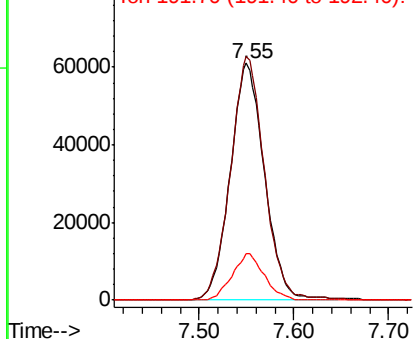


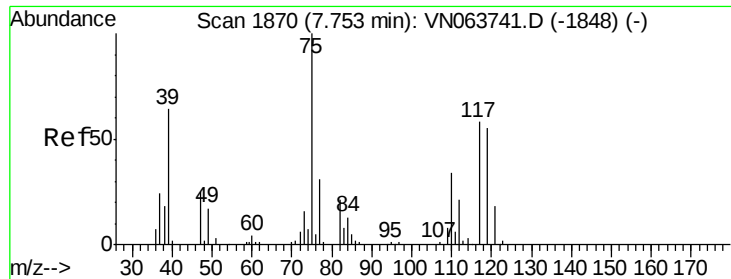
#35
Dibromofluoromethane
Concen: 48.380 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN063952.D
Acq: 7 Oct 2020 18:55

Tgt Ion:113 Resp: 153384
Ion Ratio Lower Upper
113 100
111 100.9 81.8 122.8
192 18.3 14.2 21.2



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

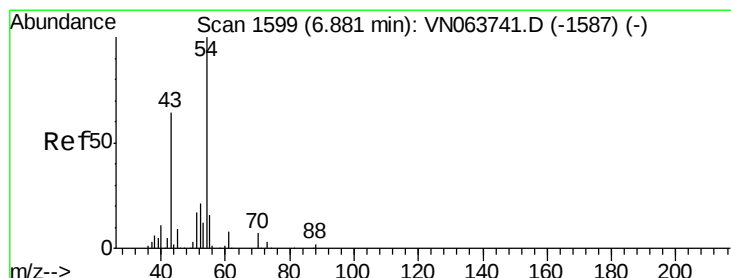
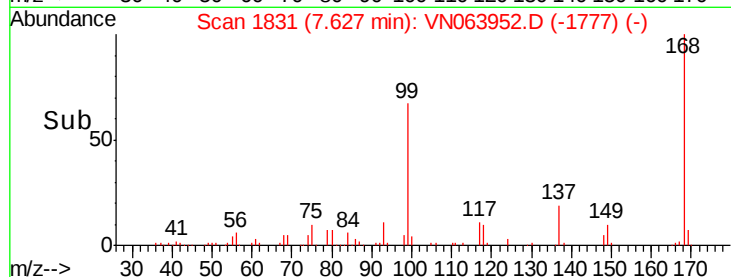
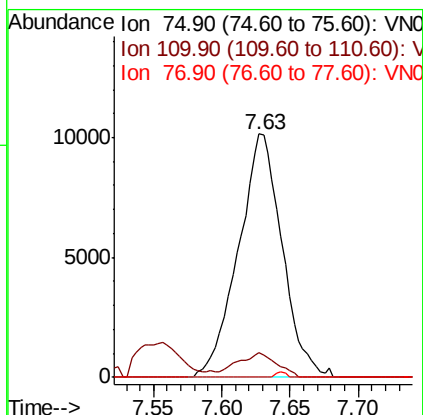
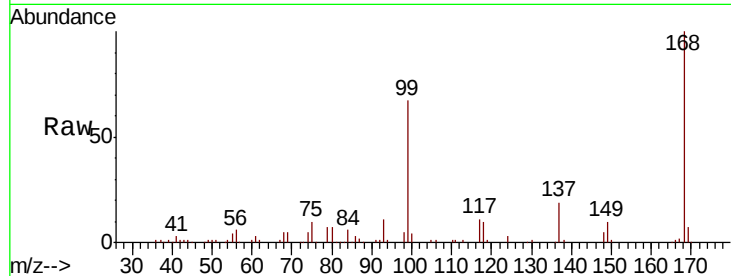




#36
 1,1-Dichloropropene
 Concen: 4.879 ug/l
 RT: 7.63 min Scan# 1831
 Delta R.T. -0.13 min
 Lab File: VN063952.D
 Acq: 7 Oct 2020 18:55

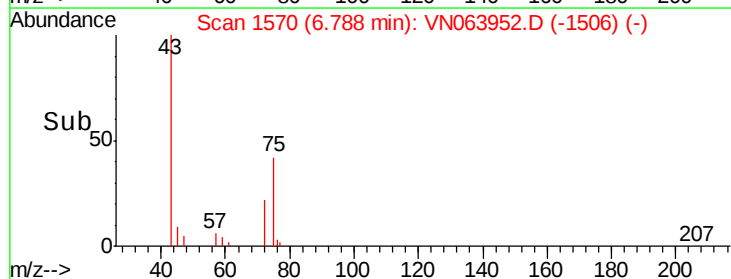
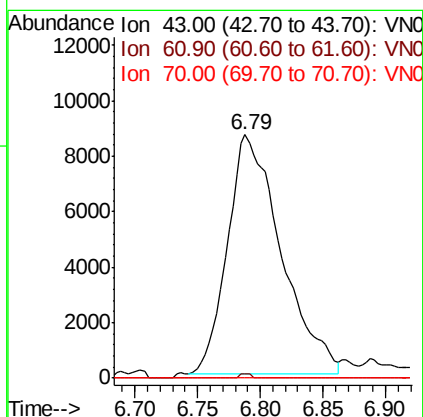
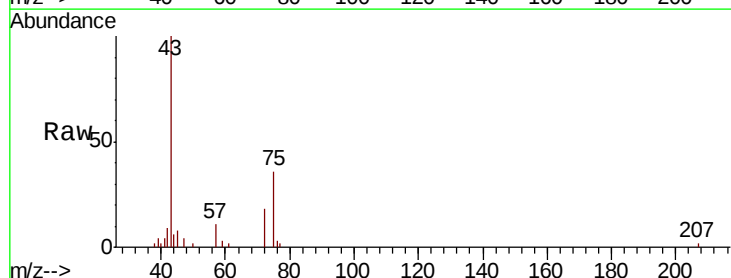
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-12

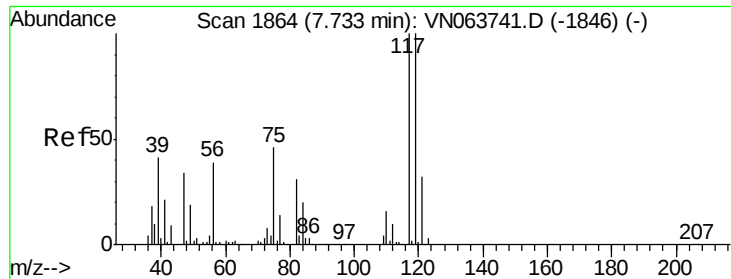
Tot Ion: 75 Resp: 22586
 Ion Ratio Lower Upper
 75 100
 110 9.0 16.9 50.6#
 77 0.0 24.5 36.7#



#37
 Ethyl Acetate
 Concen: 5.589 ug/l
 RT: 6.79 min Scan# 1570
 Delta R.T. -0.09 min
 Lab File: VN063952.D
 Acq: 7 Oct 2020 18:55

Tgt Ion: 43 Resp: 25703
 Ion Ratio Lower Upper
 43 100
 61 0.4 10.4 15.6#
 70 0.0 7.3 10.9#

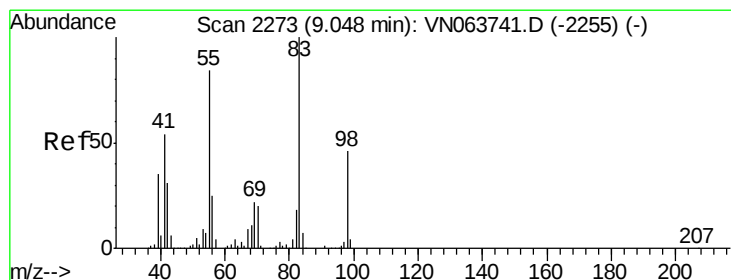
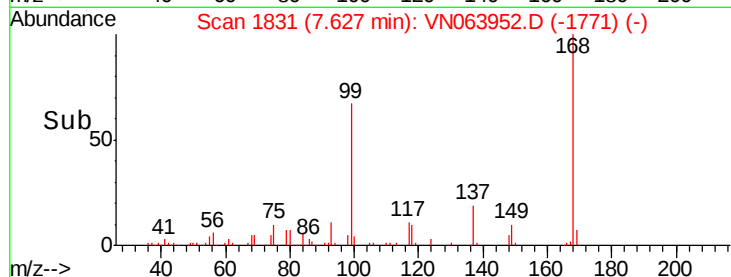
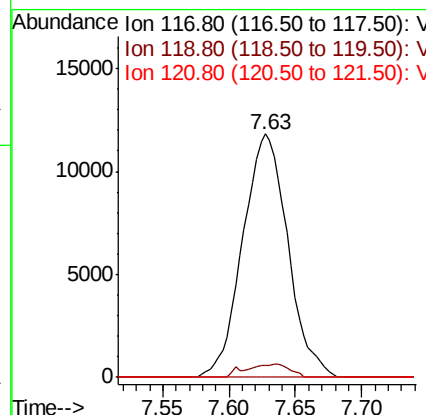
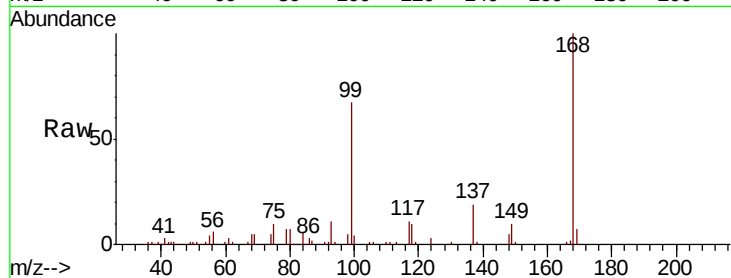




#38
Carbon Tetrachloride
Concen: 5.386 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. -0.11 min
Lab File: VN063952.D
Acq: 7 Oct 2020 18:55

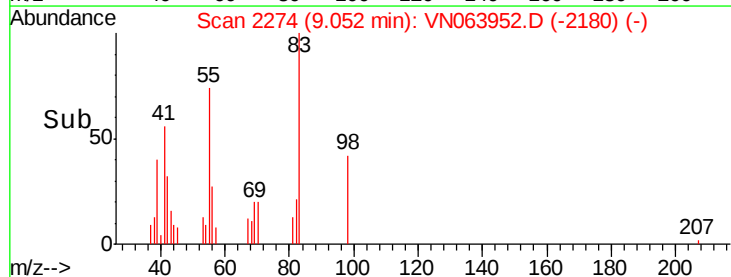
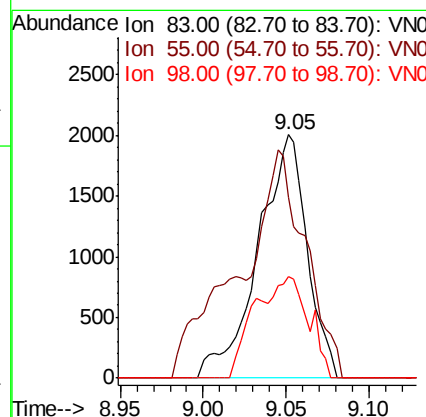
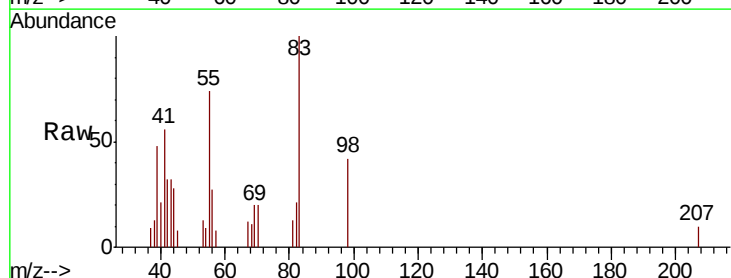
Instrument :
MSVOA_N
ClientSampled :
MW-12

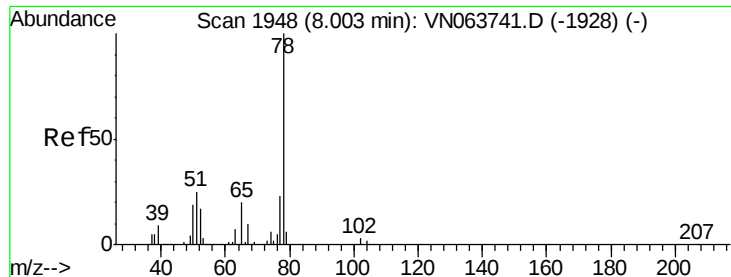
Tot Ion:117 Resp: 27955
Ion Ratio Lower Upper
117 100
119 4.8 80.1 120.1#
121 0.0 25.7 38.5#



#39
Methylcyclohexane
Concen: 0.892 ug/l
RT: 9.05 min Scan# 2274
Delta R.T. 0.00 min
Lab File: VN063952.D
Acq: 7 Oct 2020 18:55

Tgt Ion: 83 Resp: 4117
Ion Ratio Lower Upper
83 100
55 74.4 67.1 100.7
98 41.9 36.6 54.8





#40

Benzene

Concen: 71.076 ug/l

RT: 8.00 min Scan# 1948

Delta R.T. 0.00 min

Lab File: VN063952.D

Acq: 7 Oct 2020 18:55

Instrument :

MSVOA_N

ClientSampled :

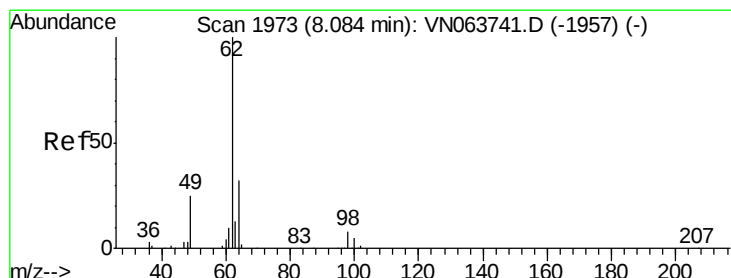
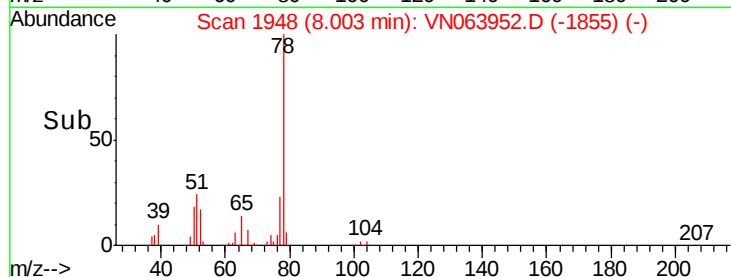
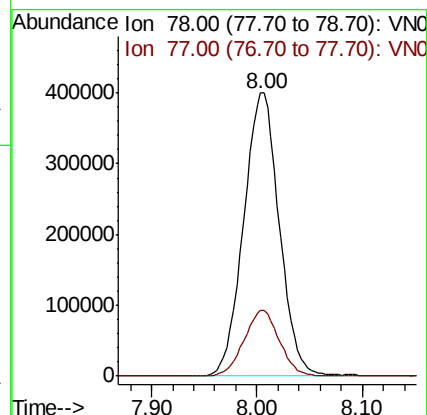
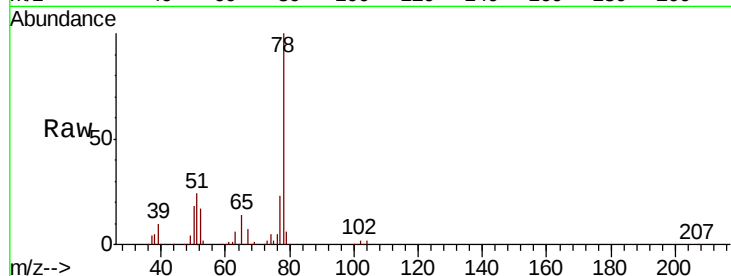
MW-12

Tot Ion: 78 Resp: 939725

Ion Ratio Lower Upper

78 100

77 23.4 18.7 28.1



#42

1,2-Dichloroethane

Concen: 5.819 ug/l

RT: 8.09 min Scan# 1975

Delta R.T. 0.01 min

Lab File: VN063952.D

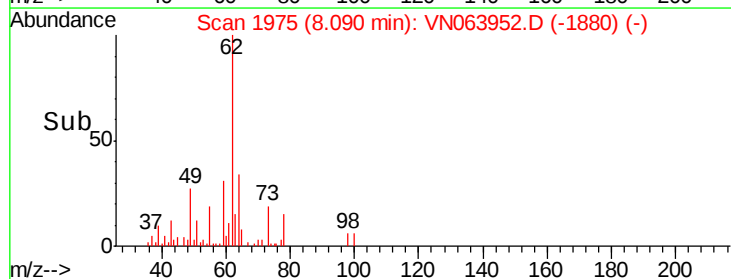
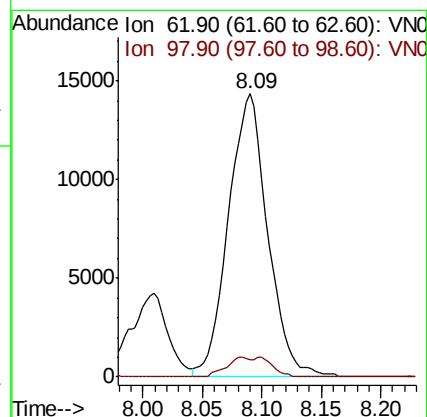
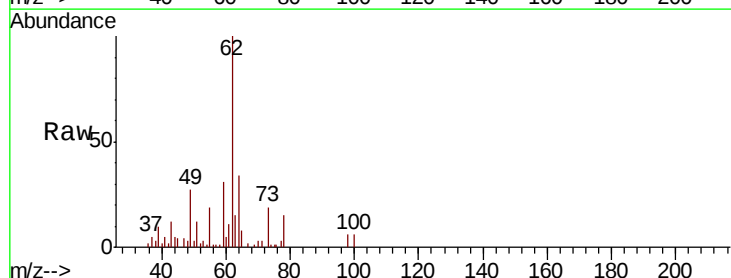
Acq: 7 Oct 2020 18:55

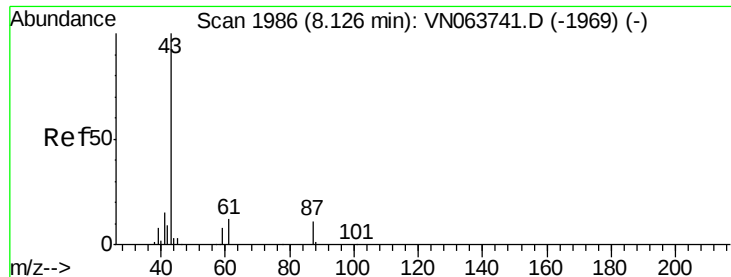
Tgt Ion: 62 Resp: 32843

Ion Ratio Lower Upper

62 100

98 4.2 0.0 15.0





#43

Isopropyl Acetate

Concen: 0.784 ug/l

RT: 8.10 min Scan# 1978

Delta R.T. -0.03 min

Lab File: VN063952.D

Acq: 7 Oct 2020 18:55

Instrument :

MSVOA_N

ClientSampled :

MW-12

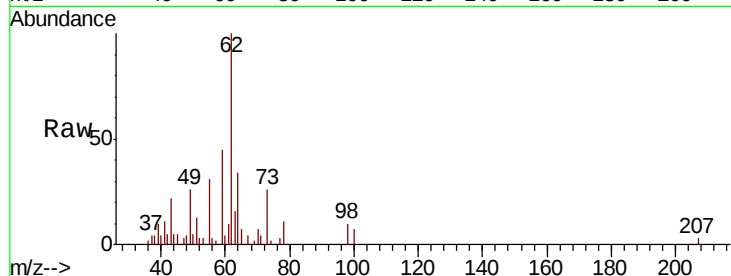
Tot Ion: 43 Resp: 5946

Ion Ratio Lower Upper

43 100

61 58.6 14.2 21.4#

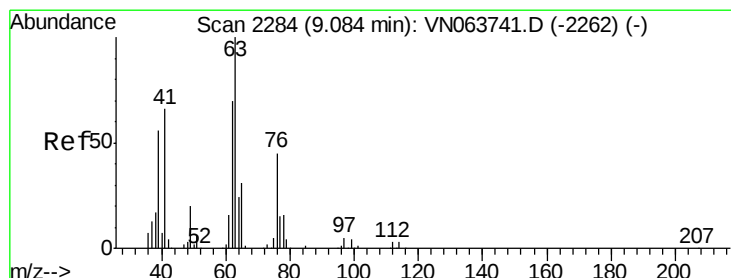
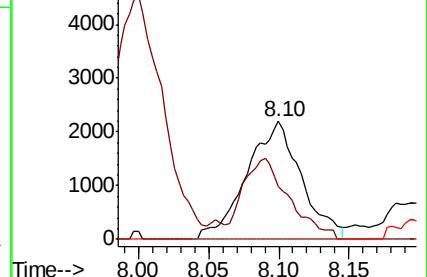
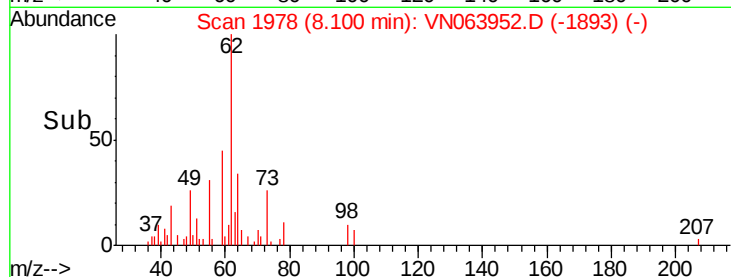
87 0.0 9.0 13.6#



Abundance Ion 43.00 (42.70 to 43.70): VN063952.D (-1978) (-)

Ion 61.00 (60.70 to 61.70): VN063952.D (-1978) (-)

Ion 87.00 (86.70 to 87.70): VN063952.D (-1978) (-)



#45

1,2-Dichloropropane

Concen: 0.228 ug/l

RT: 9.09 min Scan# 2287

Delta R.T. 0.01 min

Lab File: VN063952.D

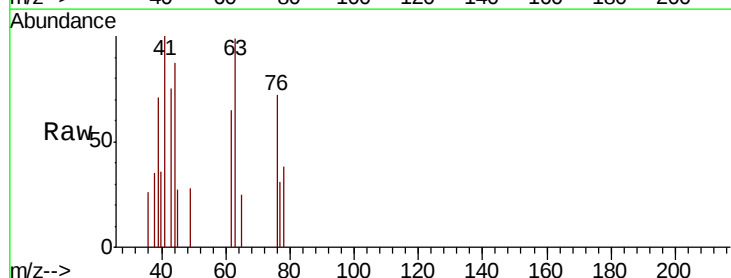
Acq: 7 Oct 2020 18:55

Tgt Ion: 63 Resp: 813

Ion Ratio Lower Upper

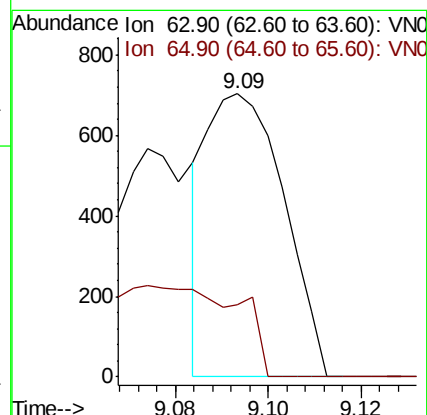
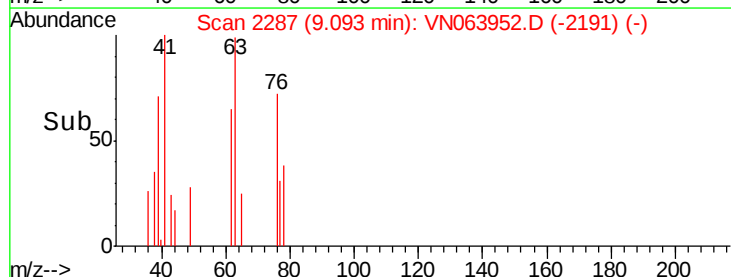
63 100

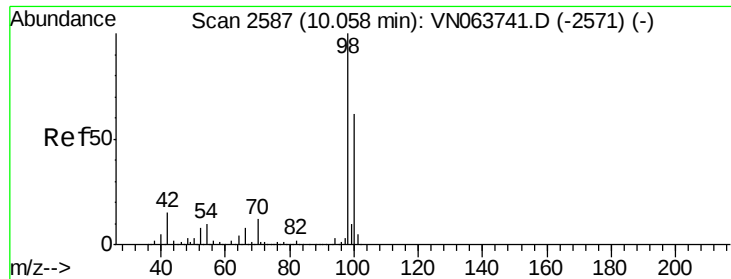
65 25.3 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VN063952.D (-2287) (-)

Ion 64.90 (64.60 to 65.60): VN063952.D (-2287) (-)

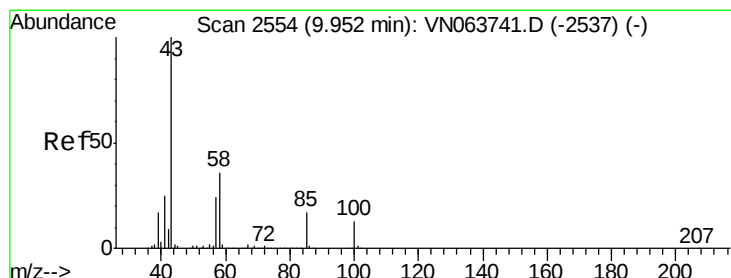
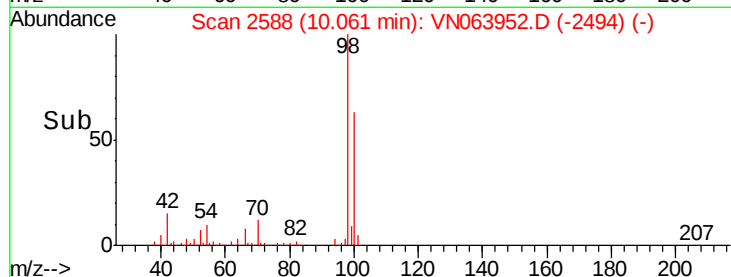
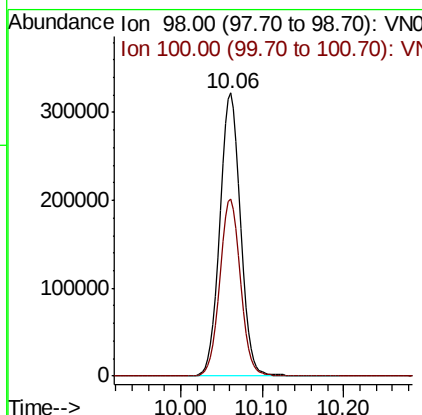
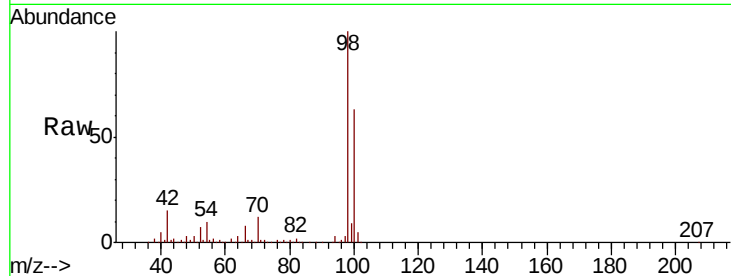




#50
Toluene-d8
Concen: 48.466 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN063952.D
Acq: 7 Oct 2020 18:55

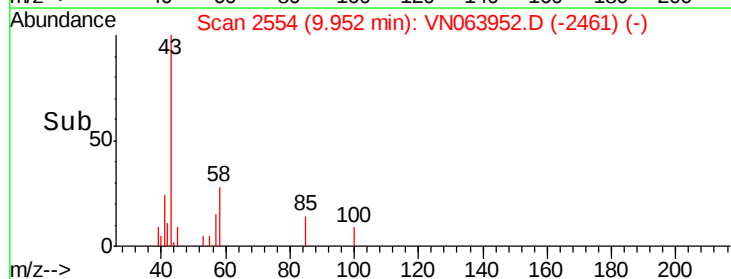
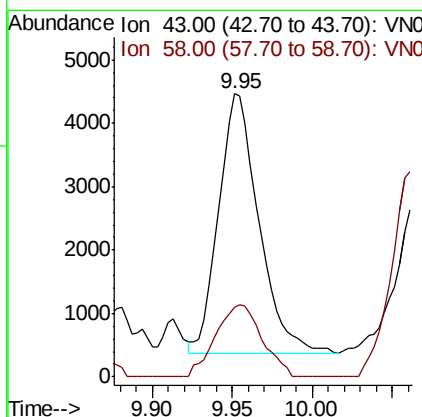
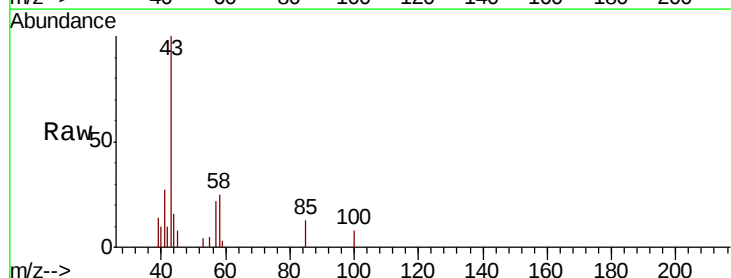
Instrument :
MSVOA_N
ClientSampled :
MW-12

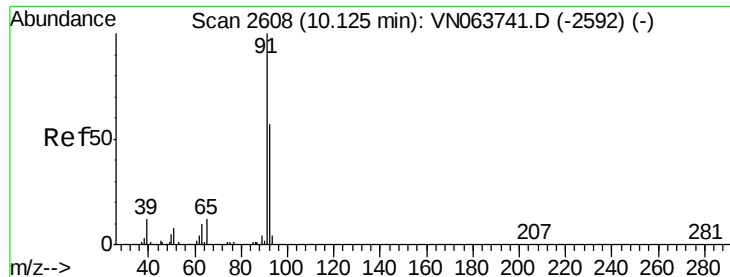
Tot Ion: 98 Resp: 582491
Ion Ratio Lower Upper
98 100
100 62.5 49.8 74.6



#51
4-Methyl-2-Pentanone
Concen: 1.595 ug/l
RT: 9.95 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN063952.D
Acq: 7 Oct 2020 18:55

Tgt Ion: 43 Resp: 7099
Ion Ratio Lower Upper
43 100
58 31.6 28.4 42.6





#52

Toluene

Concen: 69.022 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN063952.D

Acq: 7 Oct 2020 18:55

Instrument :

MSVOA_N

ClientSampled :

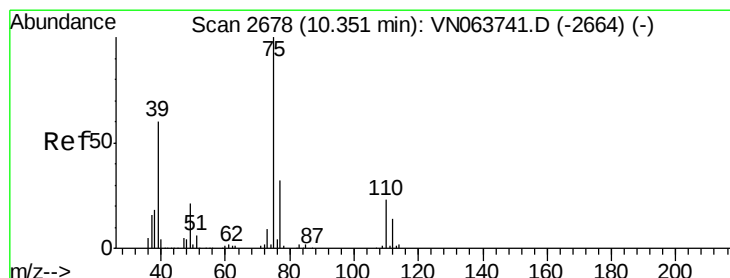
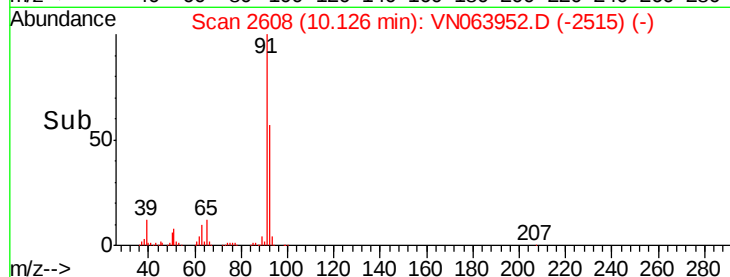
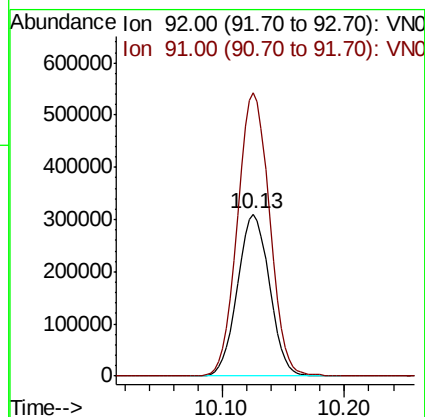
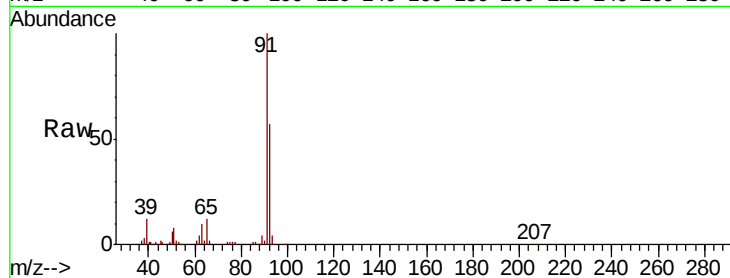
MW-12

Tot Ion: 92 Resp: 564461

Ion Ratio Lower Upper

92 100

91 175.8 140.6 210.8



#53

t-1,3-Dichloropropene

Concen: 1.418 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. -0.22 min

Lab File: VN063952.D

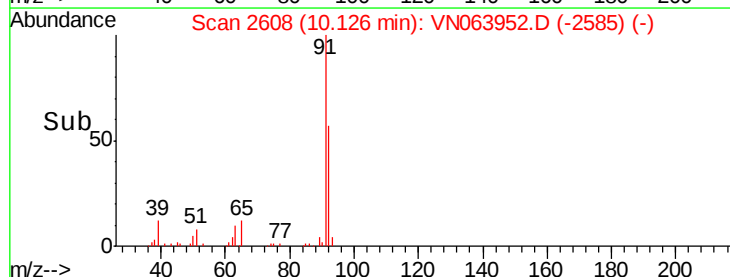
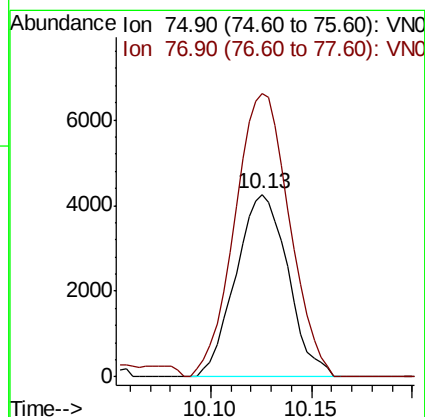
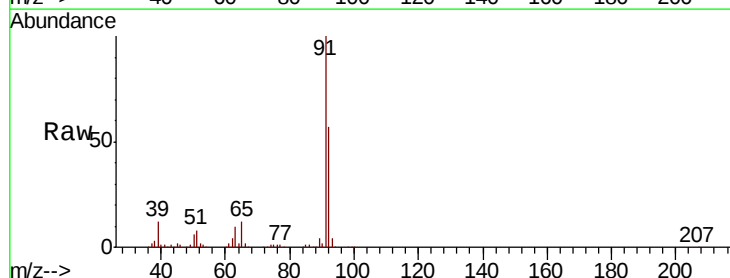
Acq: 7 Oct 2020 18:55

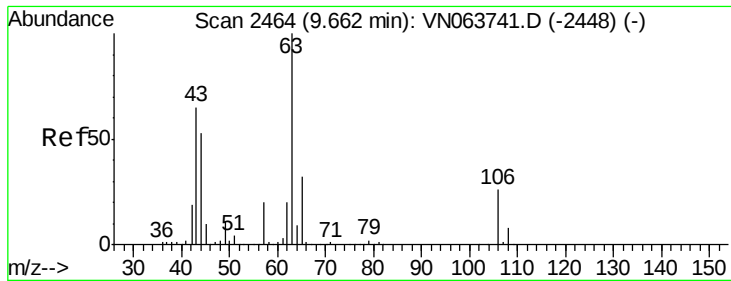
Tgt Ion: 75 Resp: 7714

Ion Ratio Lower Upper

75 100

77 154.8 25.3 37.9#





#58

2-Chloroethyl Vinyl ether

Concen: 2.959 ug/l

RT: 9.68 min Scan# 2469

Delta R.T. 0.02 min

Lab File: VN063952.D

Acq: 7 Oct 2020 18:55

Instrument :

MSVOA_N

ClientSampleId :

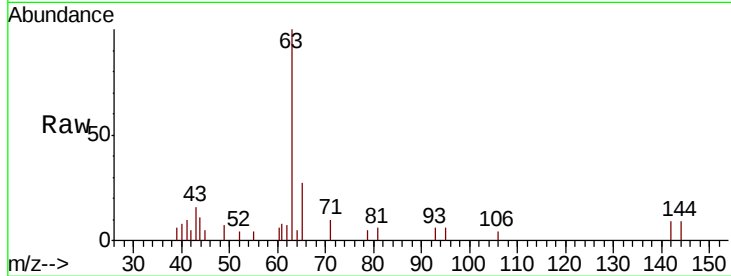
MW-12

Tot Ion: 63 Resp: 7359

Ion Ratio Lower Upper

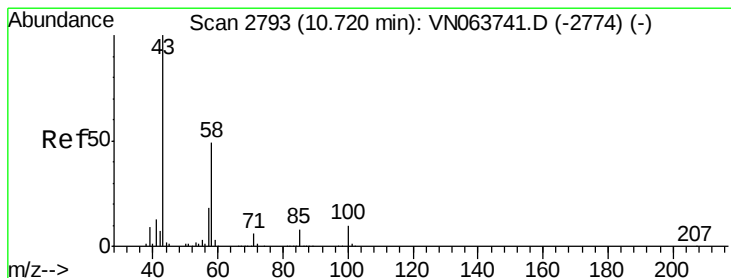
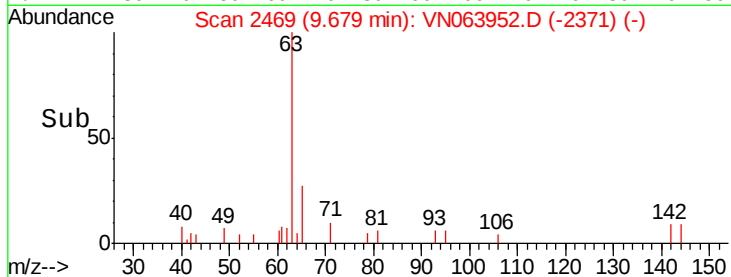
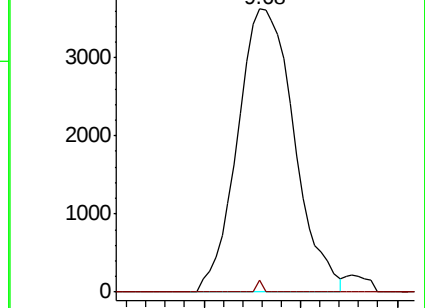
63 100

106 0.4 20.7 31.1#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): VN0



#59

2-Hexanone

Concen: 1.366 ug/l

RT: 10.72 min Scan# 2794

Delta R.T. 0.00 min

Lab File: VN063952.D

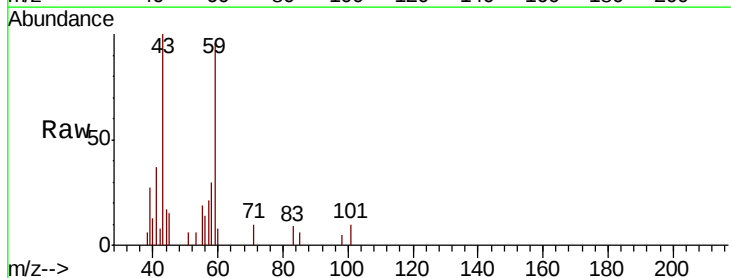
Acq: 7 Oct 2020 18:55

Tgt Ion: 43 Resp: 4517

Ion Ratio Lower Upper

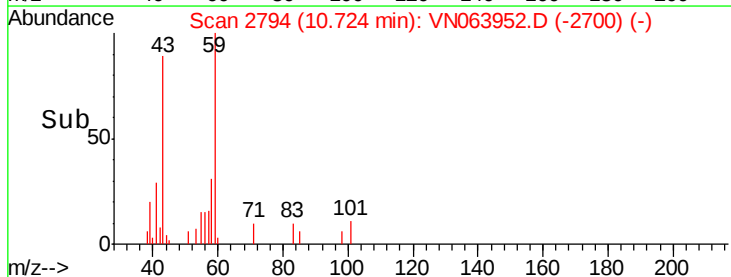
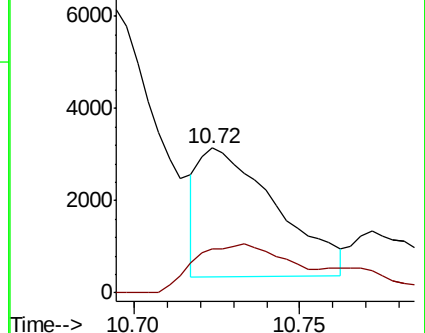
43 100

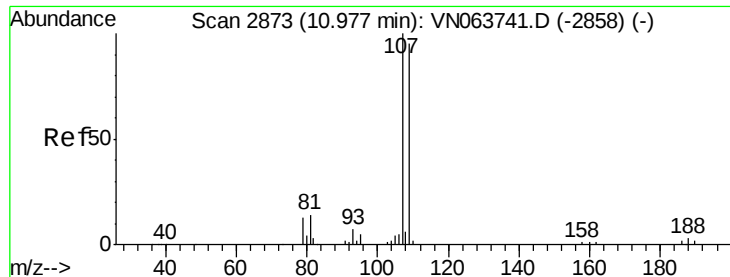
58 47.7 24.6 73.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#61

1,2-Dibromoethane

Concen: 0.244 ug/l

RT: 10.98 min Scan# 2874

Delta R.T. 0.00 min

Lab File: VN063952.D

Acq: 7 Oct 2020 18:55

Instrument :

MSVOA_N

ClientSampleId :

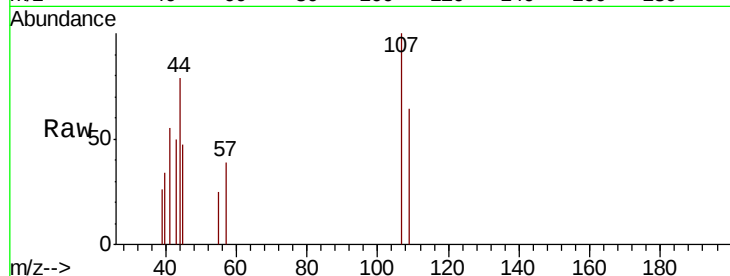
MW-12

Tot Ion: 107 Resp: 818

Ion Ratio Lower Upper

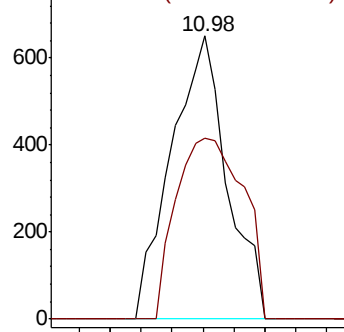
107 100

109 77.3 74.8 112.2

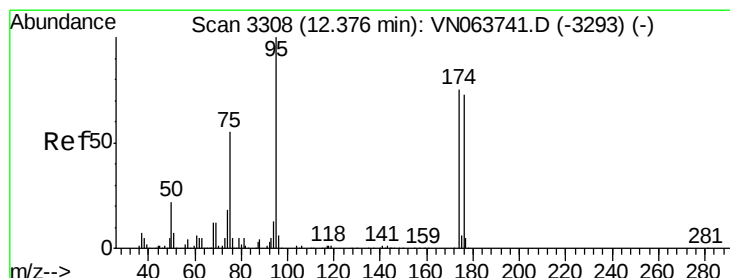
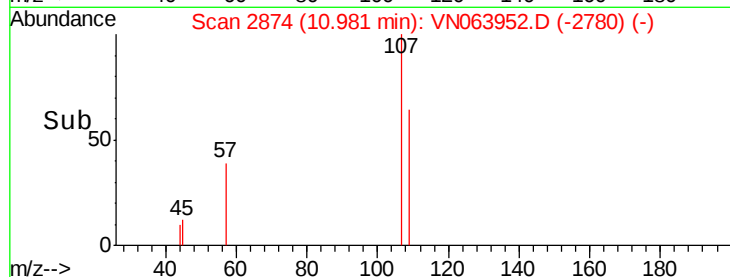


Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



Time-->



#62

4-Bromofluorobenzene

Concen: 54.308 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN063952.D

Acq: 7 Oct 2020 18:55

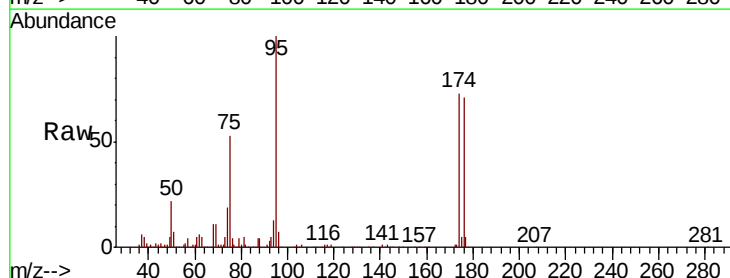
Tgt Ion: 95 Resp: 245359

Ion Ratio Lower Upper

95 100

174 75.5 0.0 150.6

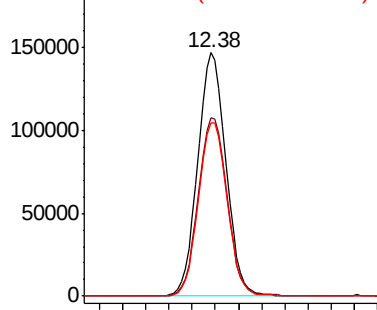
176 72.6 0.0 145.4



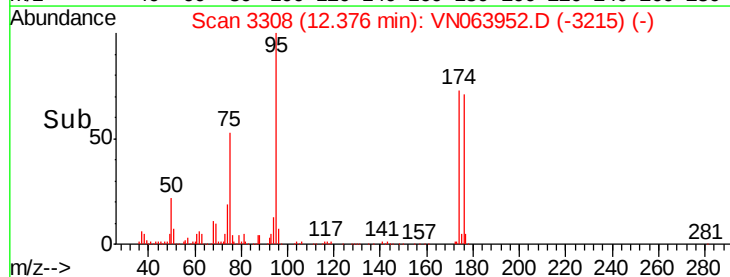
Abundance Ion 94.90 (94.60 to 95.60): VN0

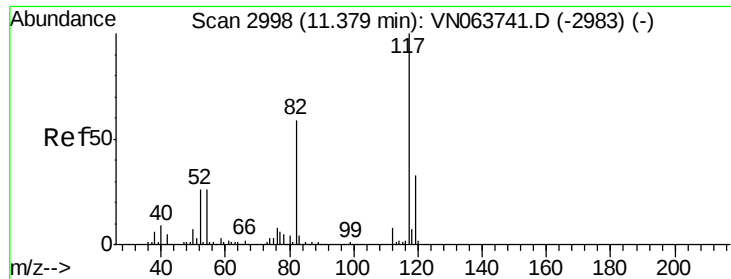
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->

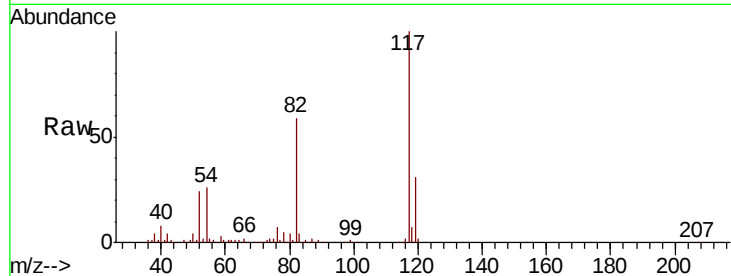




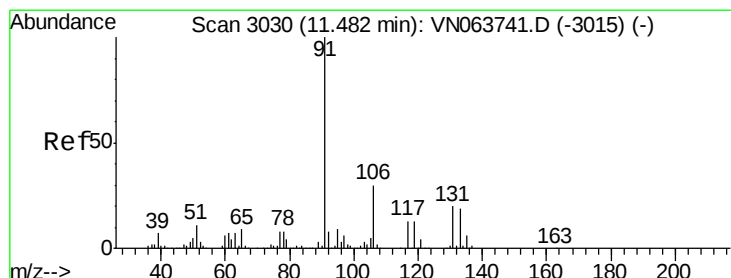
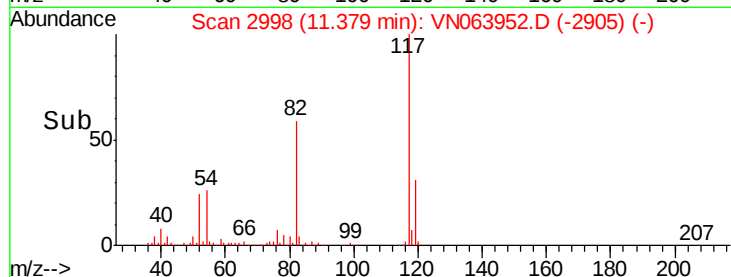
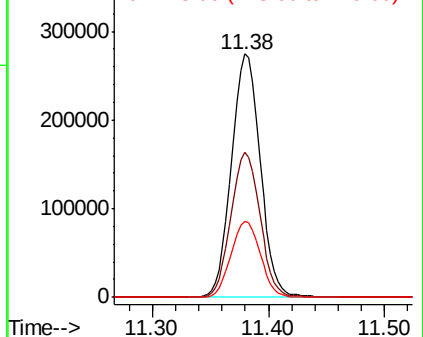
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063952.D
Acq: 7 Oct 2020 18:55

Instrument :
MSVOA_N
ClientSampleId :
MW-12

Tot Ion:117 Resp: 471475
Ion Ratio Lower Upper
117 100
82 59.4 47.4 71.2
119 31.3 26.4 39.6

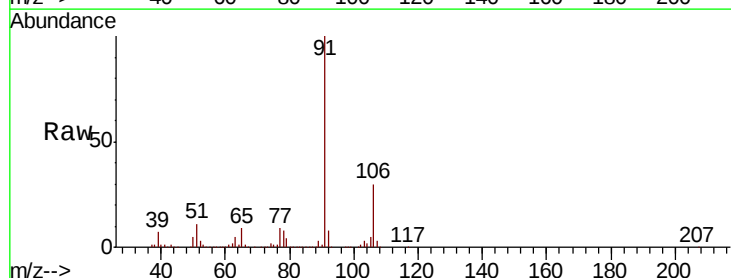


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

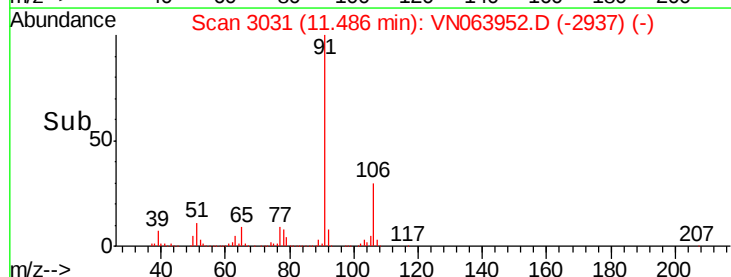
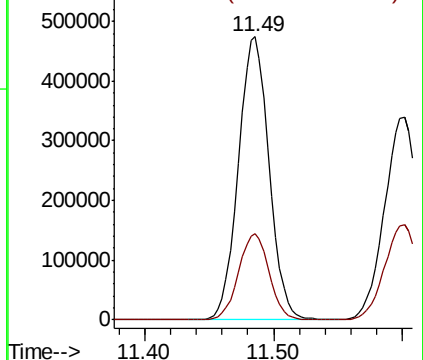


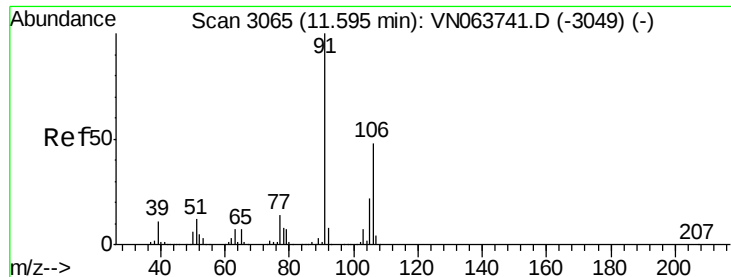
#67
Ethyl Benzene
Concen: 44.580 ug/l
RT: 11.49 min Scan# 3031
Delta R.T. 0.00 min
Lab File: VN063952.D
Acq: 7 Oct 2020 18:55

Tgt Ion: 91 Resp: 784537
Ion Ratio Lower Upper
91 100
106 30.5 24.2 36.2



Abundance Ion 91.00 (90.70 to 91.70): V
Ion 106.00 (105.70 to 106.70): V





#68

m/p-Xylenes

Concen: 44.352 ug/l

RT: 11.60 min Scan# 3067

Delta R.T. 0.01 min

Lab File: VN063952.D

Acq: 7 Oct 2020 18:55

Instrument :

MSVOA_N

ClientSampled :

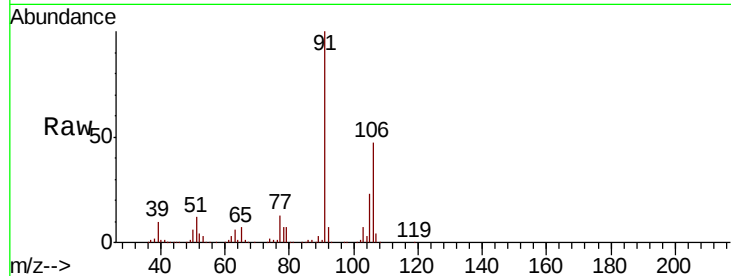
MW-12

Tot Ion:106 Resp: 290901

Ion Ratio Lower Upper

106 100

91 214.7 168.0 252.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN

400000

300000

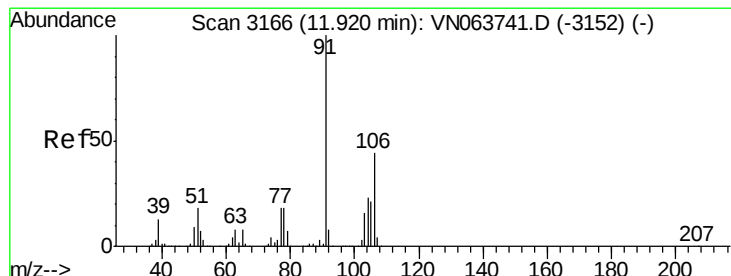
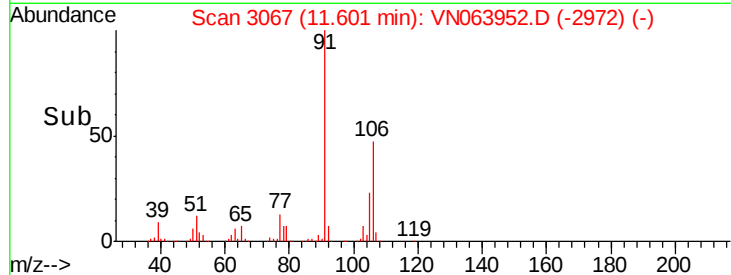
200000

100000

0

11.50 11.55 11.60 11.65

Time-->



#69

o-Xylene

Concen: 139.461 ug/l

RT: 11.92 min Scan# 3167

Delta R.T. 0.00 min

Lab File: VN063952.D

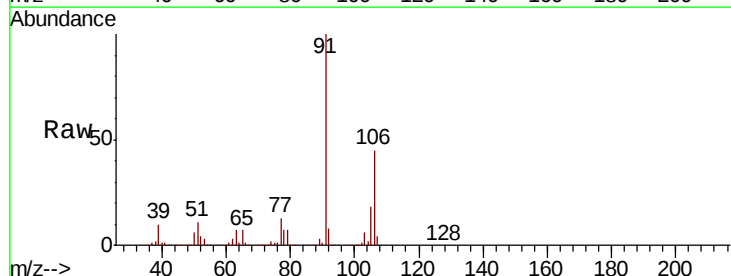
Acq: 7 Oct 2020 18:55

Tgt Ion:106 Resp: 854949

Ion Ratio Lower Upper

106 100

91 223.9 112.7 338.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN

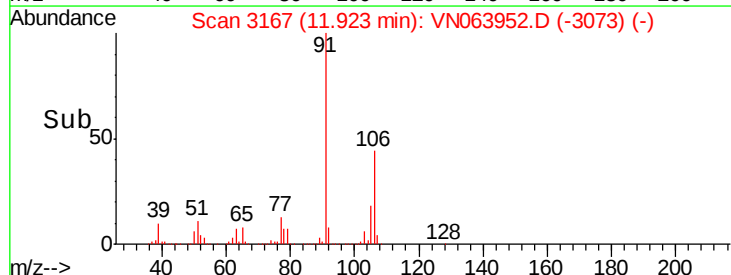
1000000

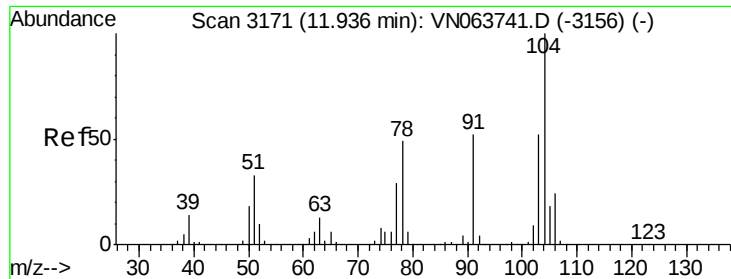
500000

0

11.90 11.92 12.00

Time-->

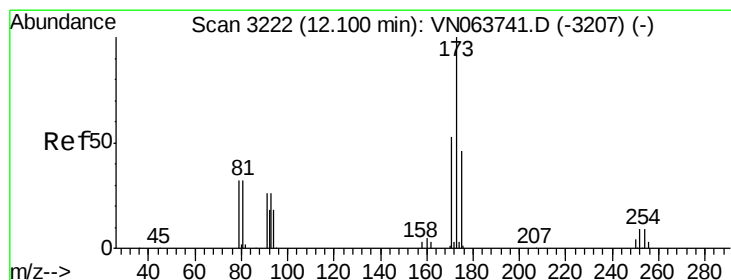
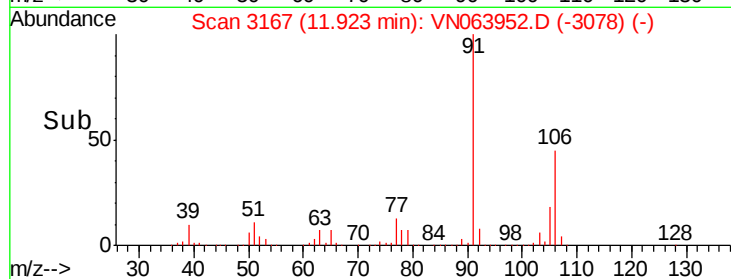
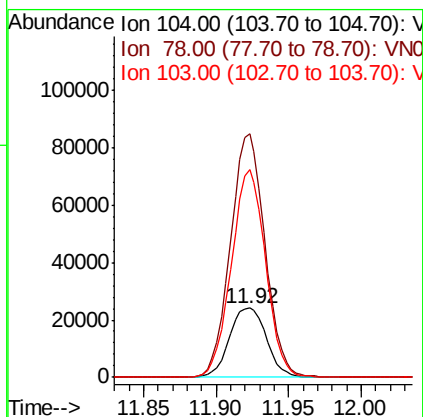
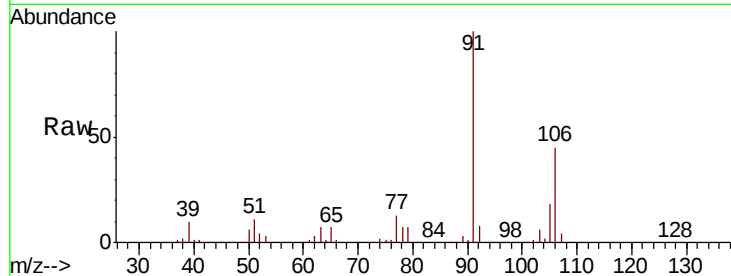




#70
Stvrene
Concen: 4.140 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. -0.01 min
Lab File: VN063952.D
Acq: 7 Oct 2020 18:55

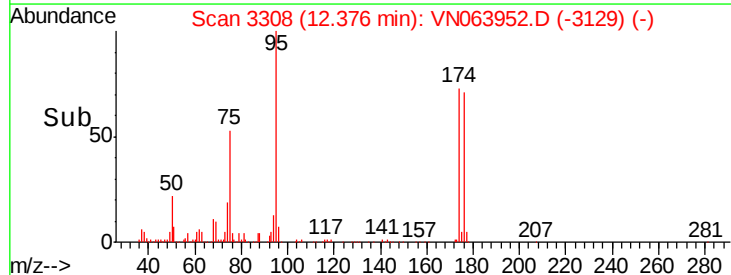
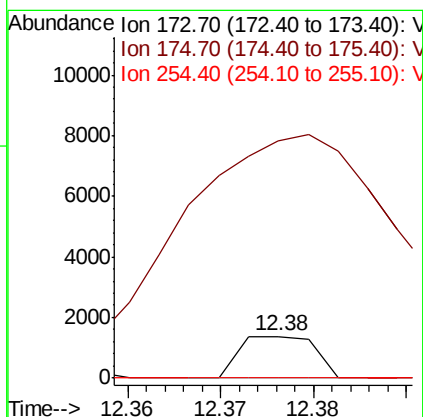
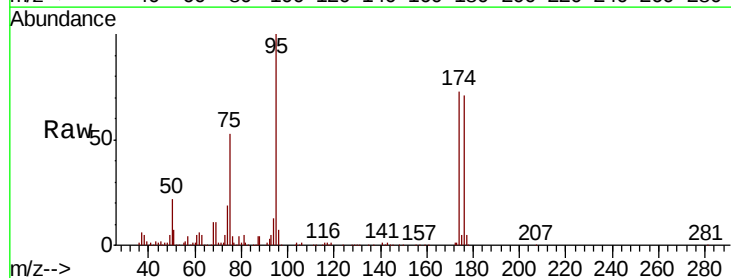
Instrument :
MSVOA_N
ClientSampled :
MW-12

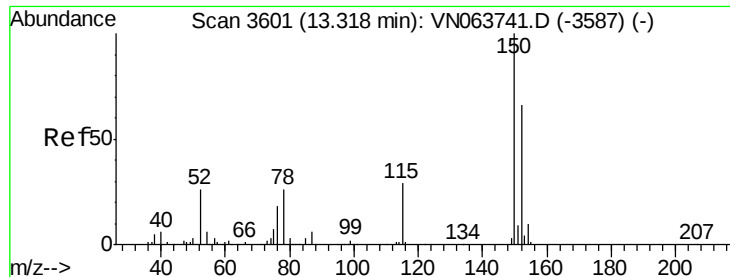
Tot Ion:104 Resp: 43080
Ion Ratio Lower Upper
104 100
78 326.3 44.1 66.1#
103 275.0 44.3 66.5#



#71
Bromoform
Concen: 0.273 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.28 min
Lab File: VN063952.D
Acq: 7 Oct 2020 18:55

Tgt Ion:173 Resp: 773
Ion Ratio Lower Upper
173 100
175 1458.9 23.5 70.5#
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN063952.D

Acq: 7 Oct 2020 18:55

Instrument :

MSVOA_N

ClientSampled :

MW-12

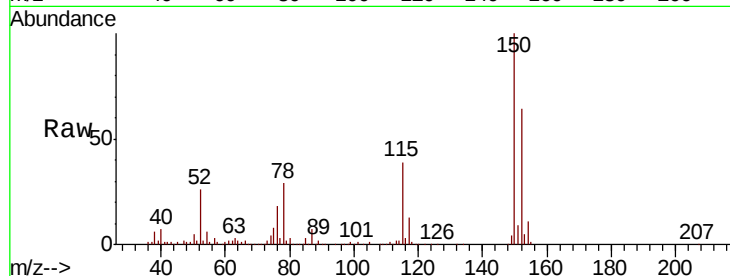
Tot Ion:152 Resp: 214858

Ion Ratio Lower Upper

152 100

115 65.6 31.3 93.8

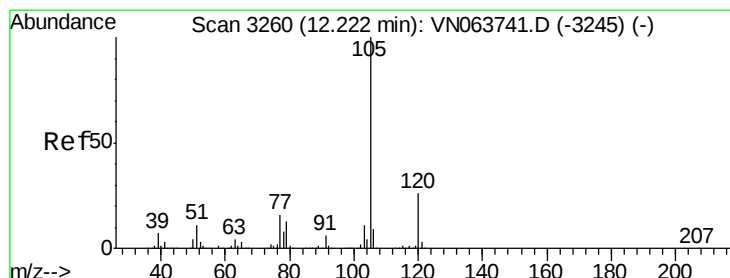
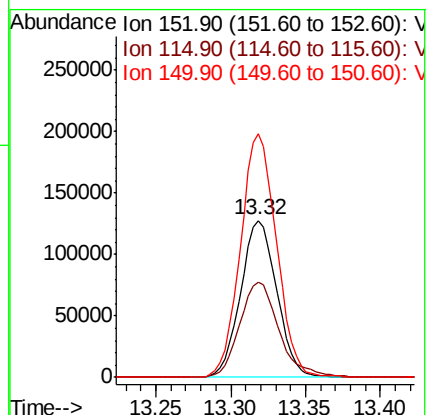
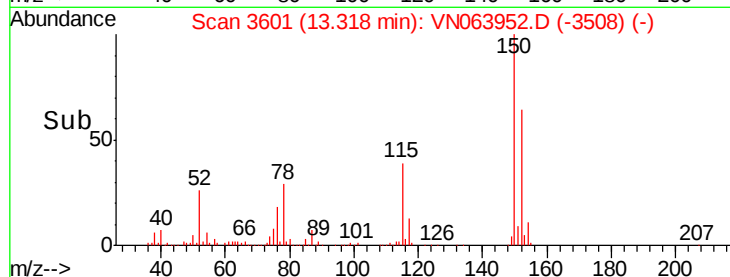
150 155.3 0.0 341.8



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: 1.704 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN063952.D

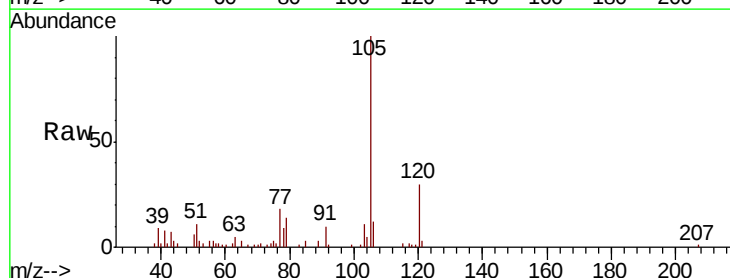
Acq: 7 Oct 2020 18:55

Tgt Ion:105 Resp: 26707

Ion Ratio Lower Upper

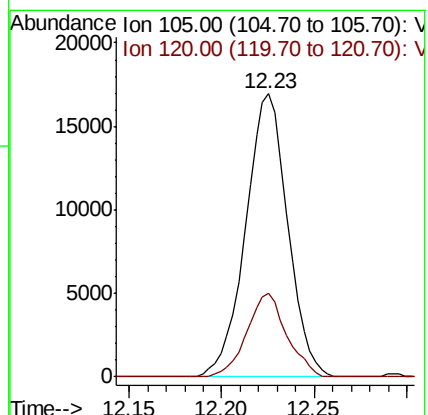
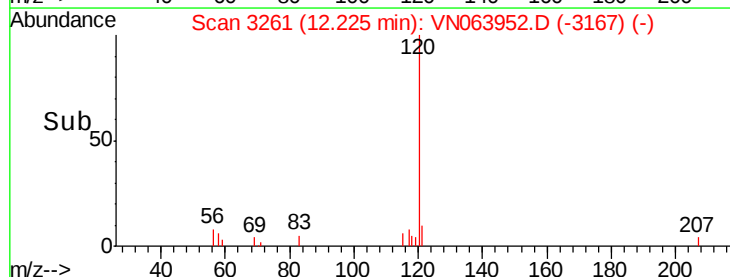
105 100

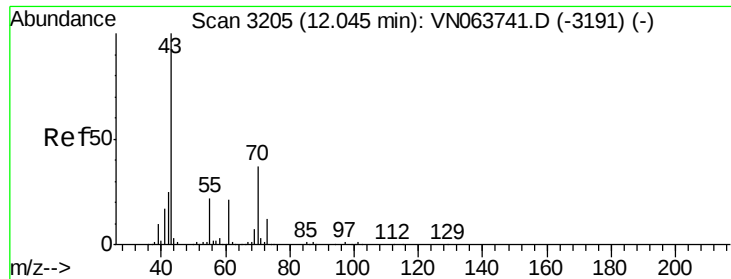
120 27.8 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

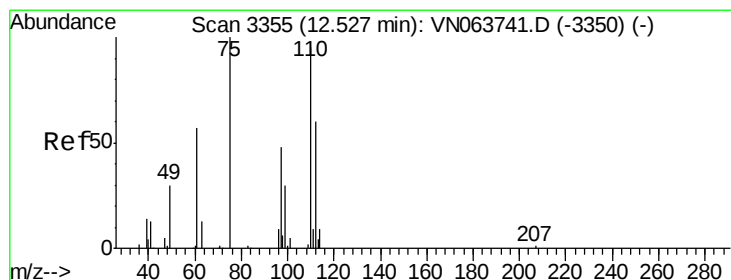
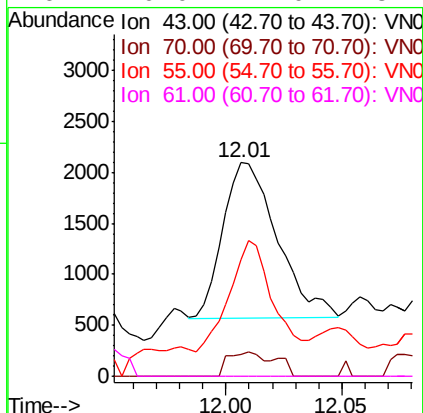
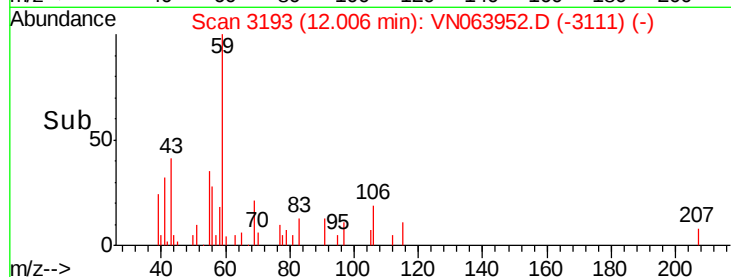
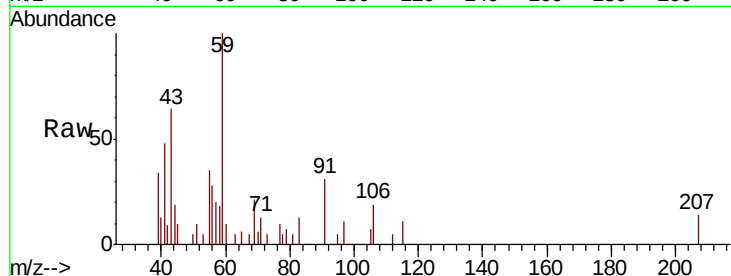




#74
N-amvl acetate
Concen: 2.539 ug/l
RT: 12.01 min Scan# 3193
Delta R.T. -0.04 min
Lab File: VN063952.D
Acq: 7 Oct 2020 18:55

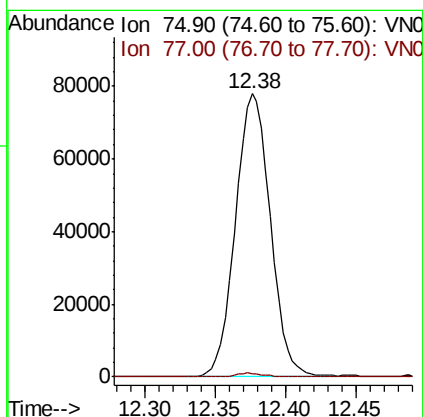
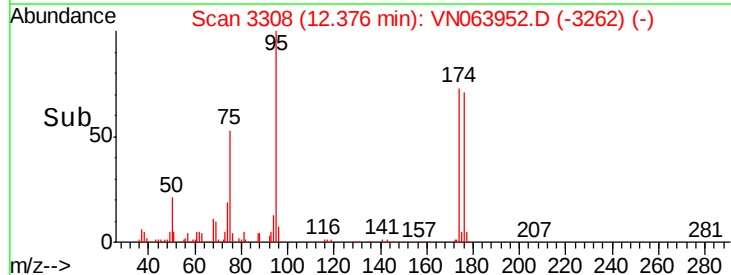
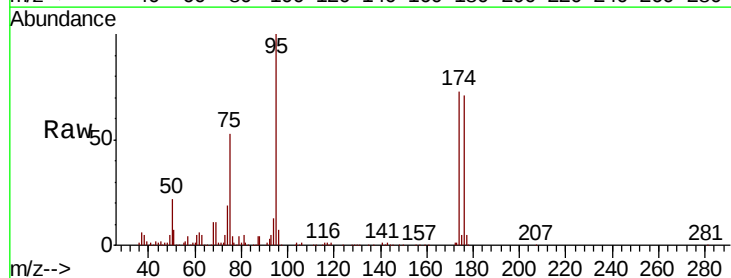
Instrument :
MSVOA_N
ClientSampled :
MW-12

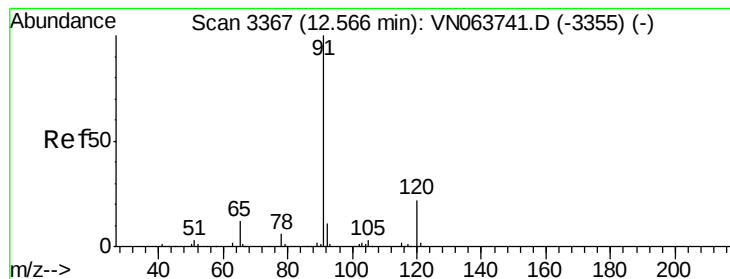
Tot Ion: 43 Resp: 2466
Ion Ratio Lower Upper
43 100
70 13.4 29.8 44.8#
55 56.0 17.9 26.9#
61 0.0 17.0 25.4#



#76
1,2,3-Trichloropropane
Concen: 28.621 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. -0.15 min
Lab File: VN063952.D
Acq: 7 Oct 2020 18:55

Tgt Ion: 75 Resp: 135557
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#





#78

n-propylbenzene

Concen: 2.463 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN063952.D

Acq: 7 Oct 2020 18:55

Instrument :

MSVOA_N

ClientSampled :

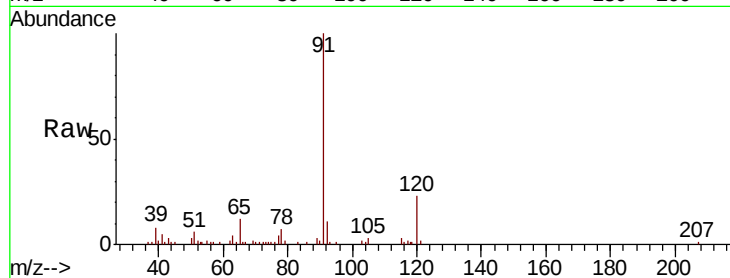
MW-12

Tot Ion: 91 Resp: 44926

Ion Ratio Lower Upper

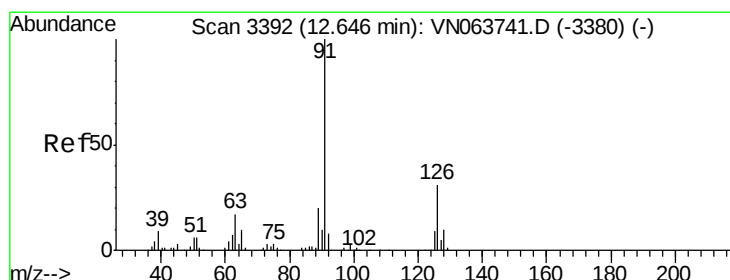
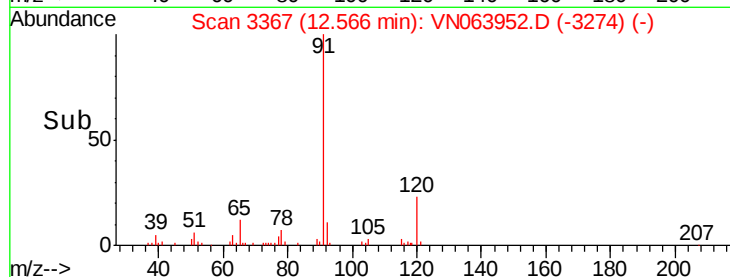
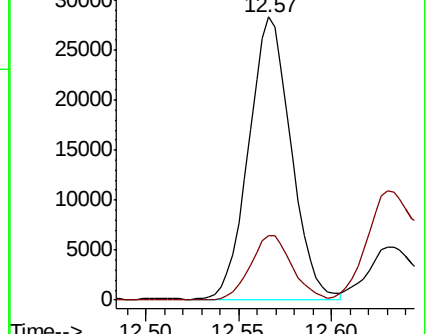
91 100

120 22.4 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 0.776 ug/l

RT: 12.63 min Scan# 3387

Delta R.T. -0.02 min

Lab File: VN063952.D

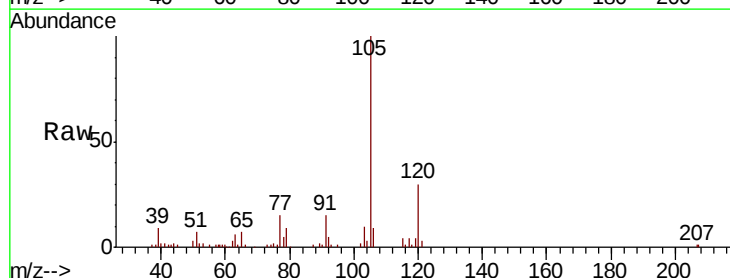
Acq: 7 Oct 2020 18:55

Tgt Ion: 91 Resp: 8704

Ion Ratio Lower Upper

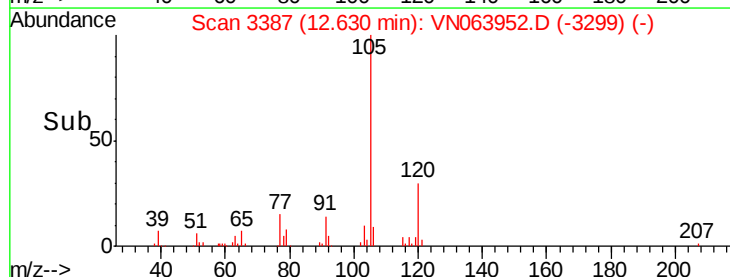
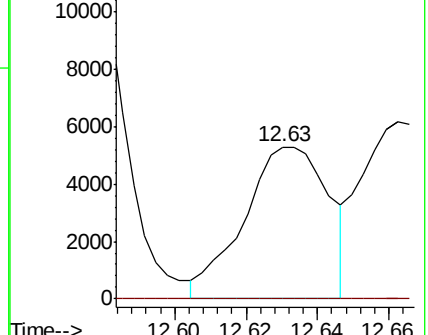
91 100

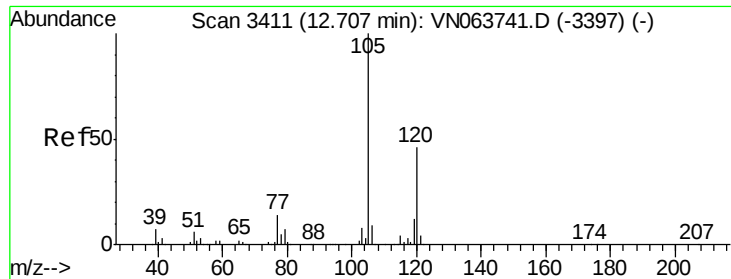
126 0.0 15.9 47.7#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

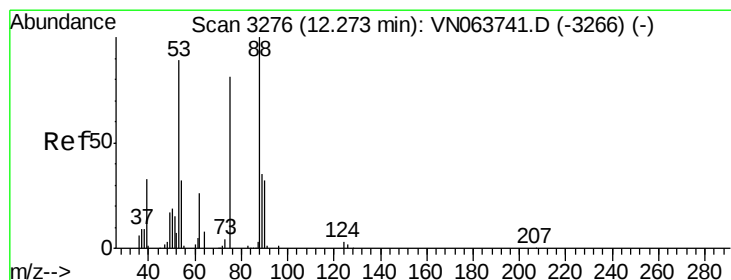
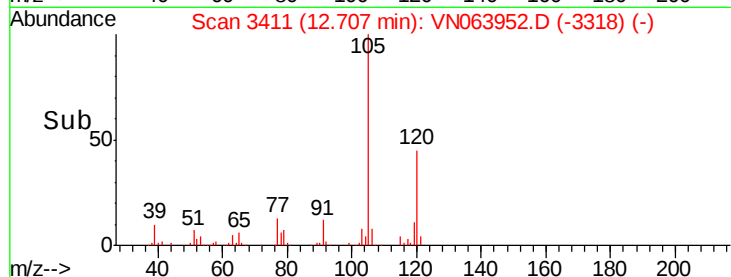
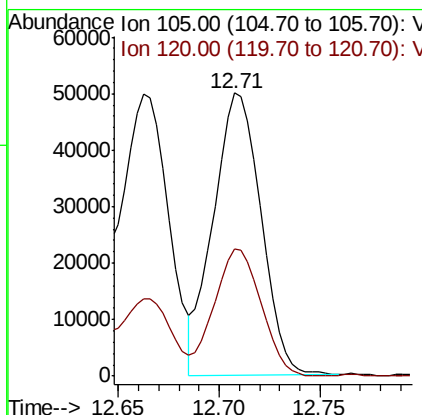
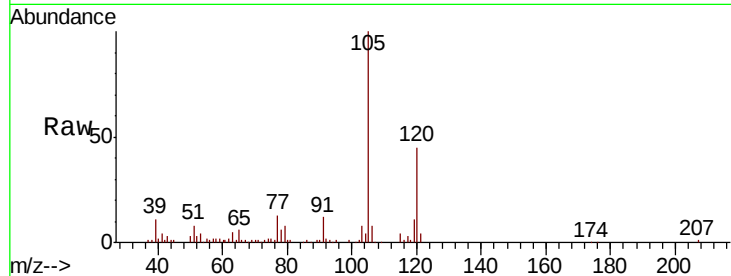




#80
 1,3,5-Trimethylbenzene
 Concen: 6.248 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. 0.00 min
 Lab File: VN063952.D
 Acq: 7 Oct 2020 18:55

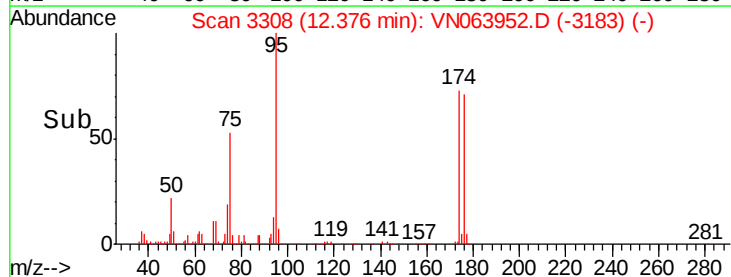
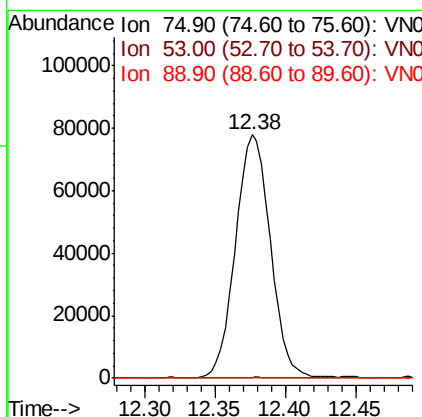
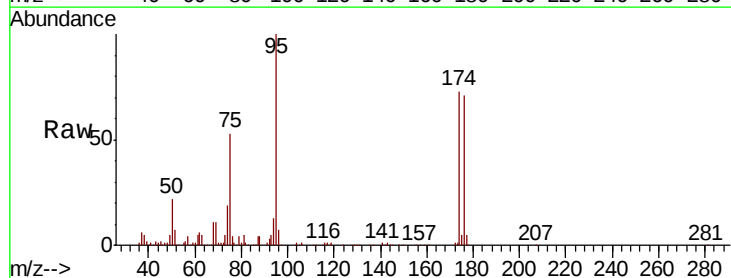
Instrument :
 MSVOA_N
 ClientSampled :
 MW-12

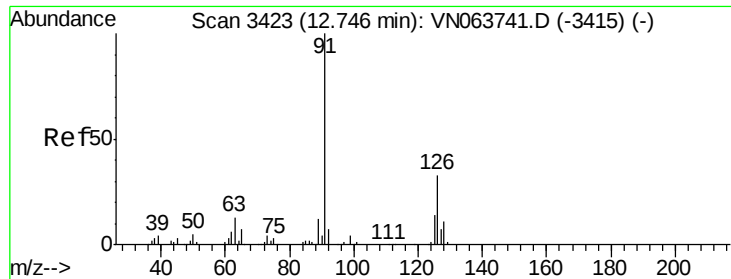
Tot Ion:105 Resp: 82152
 Ion Ratio Lower Upper
 105 100
 120 44.5 23.3 69.9



#81
 trans-1,4-Dichloro-2-butene
 Concen: 82.432 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. 0.10 min
 Lab File: VN063952.D
 Acq: 7 Oct 2020 18:55

Tgt Ion: 75 Resp: 135557
 Ion Ratio Lower Upper
 75 100
 53 0.4 88.2 132.2#
 89 0.0 36.0 54.0#





#82

4-Chlorotoluene

Concen: 0.943 ug/l

RT: 12.71 min Scan# 3412

Delta R.T. -0.04 min

Lab File: VN063952.D

Acq: 7 Oct 2020 18:55

Instrument :

MSVOA_N

ClientSampled :

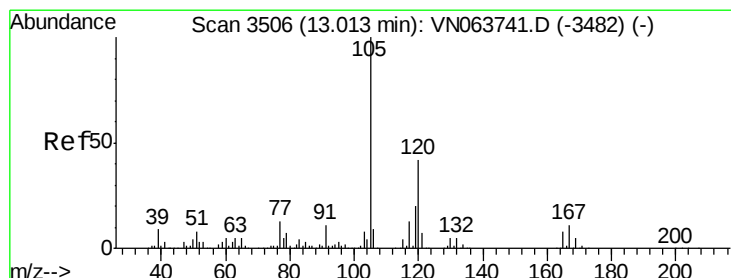
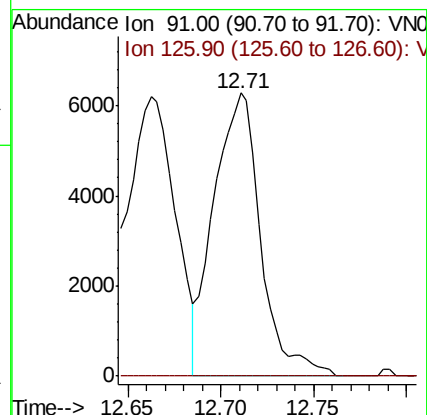
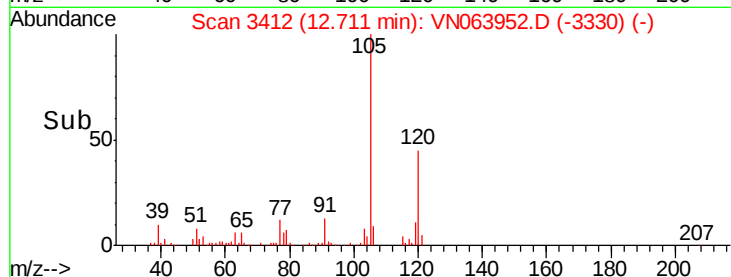
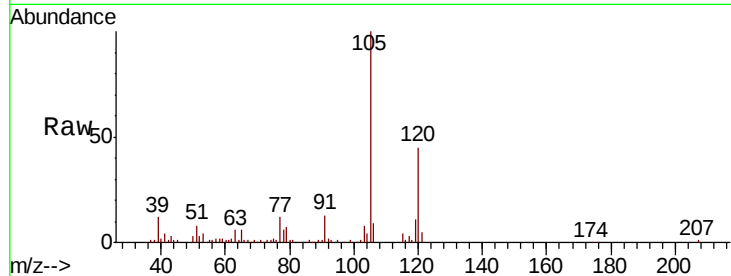
MW-12

Tot Ion: 91 Resp: 10985

Ion Ratio Lower Upper

91 100

126 0.0 15.4 46.2#



#84

1,2,4-Trimethylbenzene

Concen: 1.442 ug/l

RT: 13.02 min Scan# 3507

Delta R.T. 0.00 min

Lab File: VN063952.D

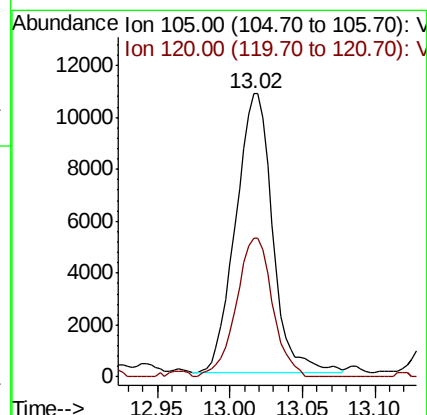
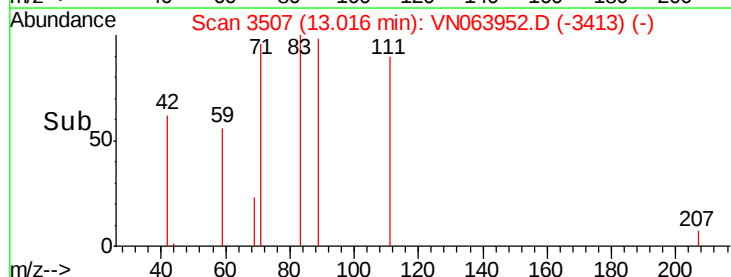
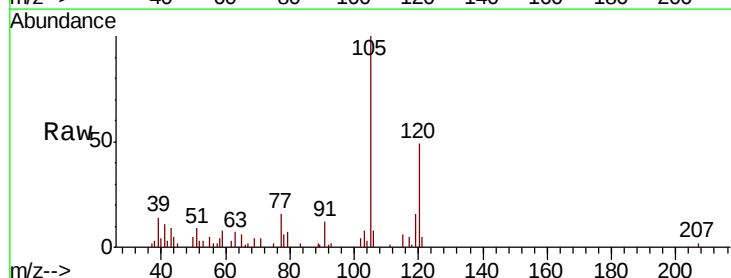
Acq: 7 Oct 2020 18:55

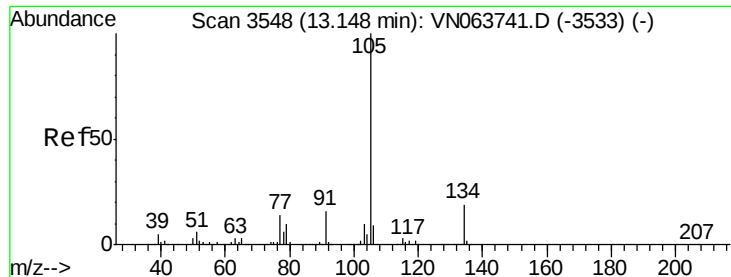
Tgt Ion: 105 Resp: 18934

Ion Ratio Lower Upper

105 100

120 49.1 20.9 62.7





#85

sec-Butylbenzene

Concen: 1.340 ug/l

RT: 13.02 min Scan# 3507

Delta R.T. -0.13 min

Lab File: VN063952.D

Acq: 7 Oct 2020 18:55

Instrument :

MSVOA_N

ClientSampled :

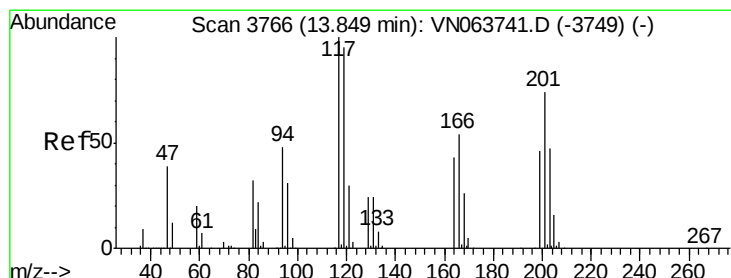
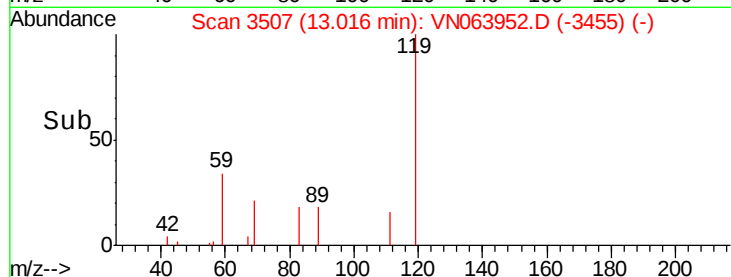
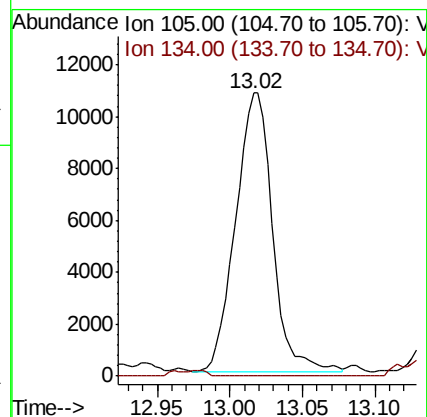
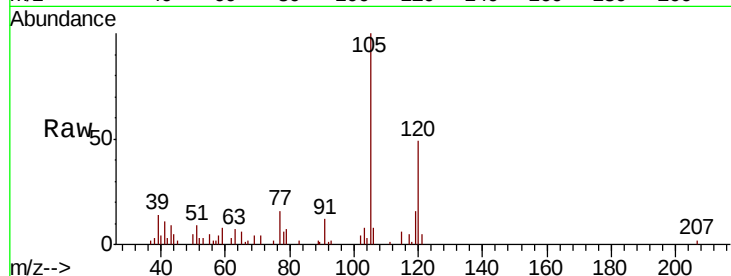
MW-12

Tot Ion:105 Resp: 18934

Ion Ratio Lower Upper

105 100

134 0.0 9.5 28.5#



#90

Hexachloroethane

Concen: 2.465 ug/l

RT: 13.92 min Scan# 3788

Delta R.T. 0.07 min

Lab File: VN063952.D

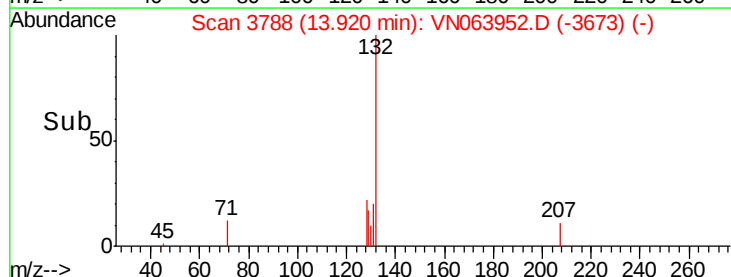
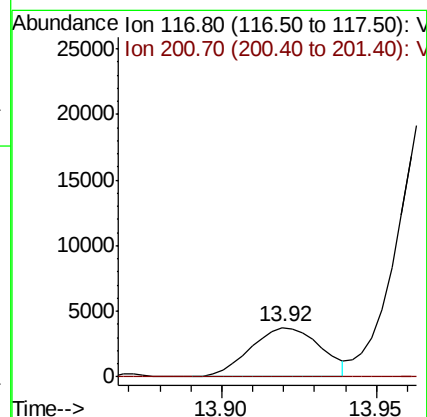
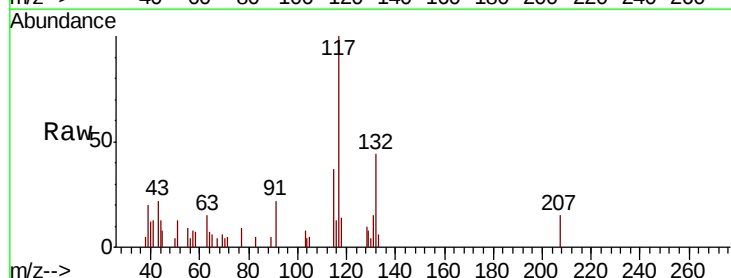
Acq: 7 Oct 2020 18:55

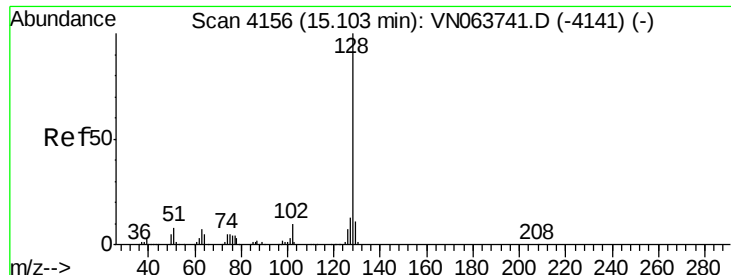
Tgt Ion:117 Resp: 5970

Ion Ratio Lower Upper

117 100

201 0.0 36.0 108.0#





#95

Naphthalene

Concen: 3.142 ug/l

RT: 15.11 min Scan# 4157

Delta R.T. 0.00 min

Lab File: VN063952.D

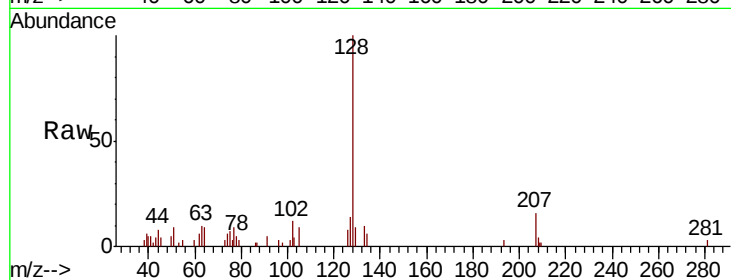
Acq: 7 Oct 2020 18:55

Instrument :

MSVOA_N

ClientSampleId :

MW-12



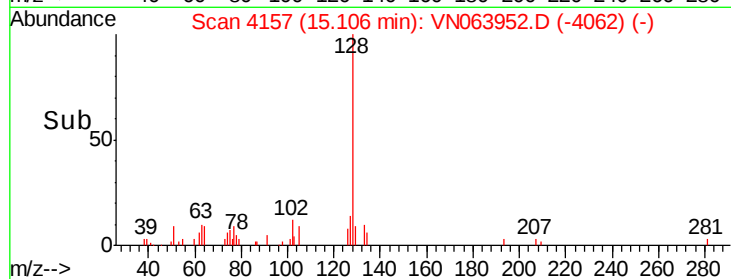
Tot Ion:128 Resp: 14680

Ion Ratio Lower Upper

128 100

127 13.4 10.5 15.7

129 6.1 8.7 13.1#



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

