

Data File : VN061215.D
Acq On : 30 Apr 2020 20:34
Operator : JC/MD
Sample : L2453-07
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-7

Quant Time: May 01 02:22:42 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 29 08:14:26 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	129393	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	229243	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	219958	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	99806	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	99369	48.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.06%	
35) Dibromofluoromethane	7.55	113	64556	47.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.24%	
50) Toluene-d8	10.06	98	286165	51.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.58%	
62) 4-Bromofluorobenzene	12.38	95	108857	52.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.70%	

Target Compounds						Qvalue
14) Allyl chloride	4.02	41	1791	0.708	ug/l	89
16) Acetone	3.78	43	8777	5.685	ug/l	96
18) Methyl Acetate	4.30	43	161	0.741	ug/l #	55
30) Chloroform	7.33	83	5283	1.700	ug/l	89
31) Cyclohexane	7.63	56	3295	1.106	ug/l #	1
36) 1,1-Dichloropropene	7.63	75	11460	4.994	ug/l #	50
38) Carbon Tetrachloride	7.63	117	13444	8.414	ug/l #	16
51) 4-Methyl-2-Pentanone	10.06	43	1424	0.542	ug/l #	1
71) Bromoform	12.37	173	374	0.326	ug/l #	1
76) 1,2,3-Trichloropropane	12.38	75	58129	27.626	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	58129	70.154	ug/l #	8
84) 1,2,4-Trimethylbenzene	13.01	105	2394	0.383	ug/l	82
85) sec-Butylbenzene	13.01	105	2394	0.343	ug/l #	58
95) Naphthalene	15.11	128	1437	0.242	ug/l #	69

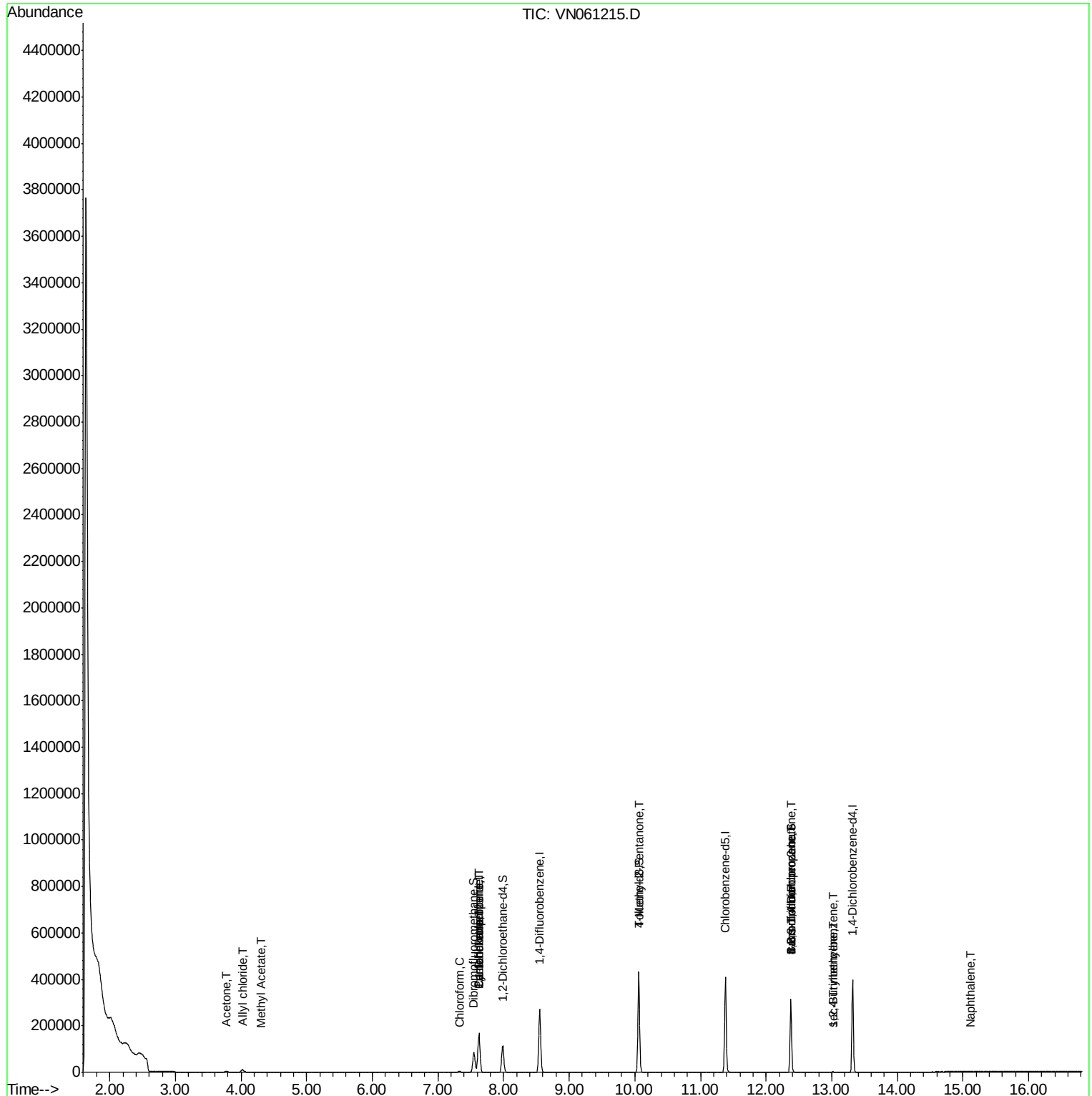
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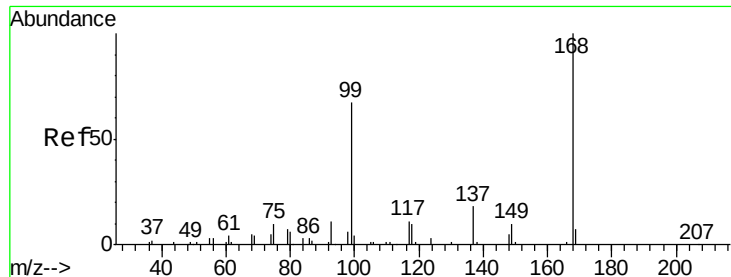
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ALS Vial     : 18      Sample Multiplier: 1
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QLast Update : Wed Apr 29 08:14:26 2020
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VN061215.D

Acq: 30 Apr 2020 20:34

Instrument :

MSVOA_N

ClientSampled :

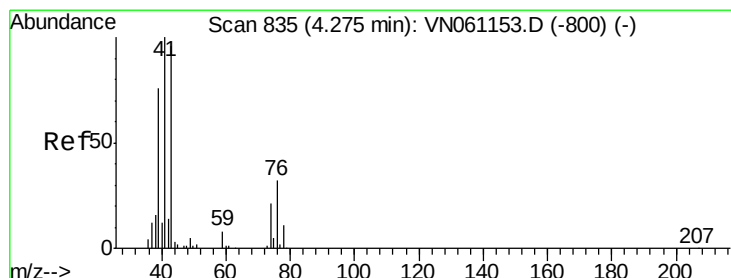
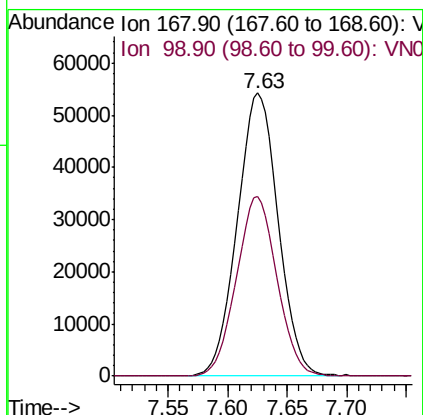
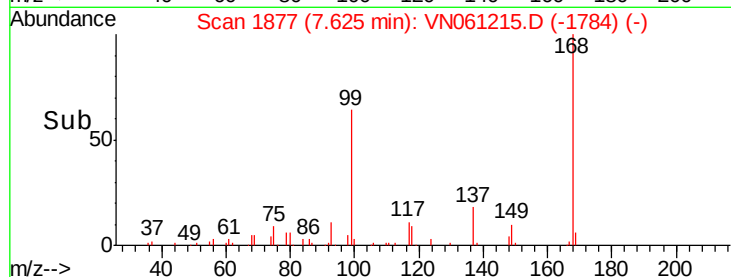
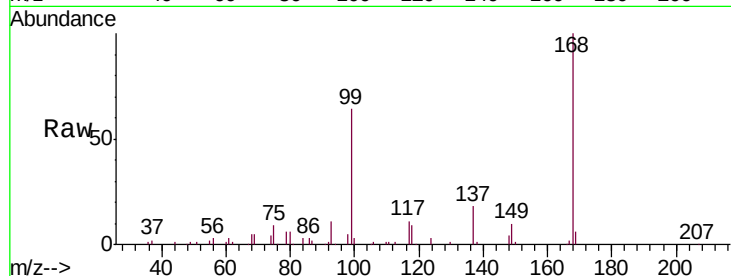
MW-7

Tgt Ion: 168 Resp: 129393

Ion Ratio Lower Upper

168 100

99 63.5 51.2 76.8



#14

Allyl chloride

Concen: 0.708 ug/l

RT: 4.02 min Scan# 757

Delta R.T. -0.25 min

Lab File: VN061215.D

Acq: 30 Apr 2020 20:34

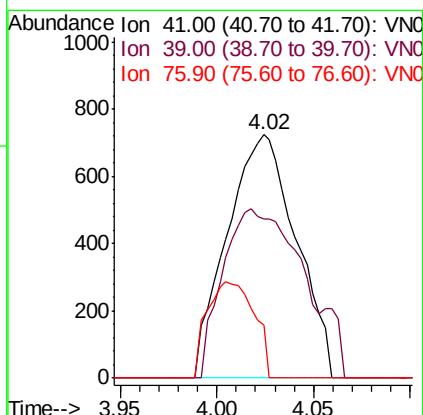
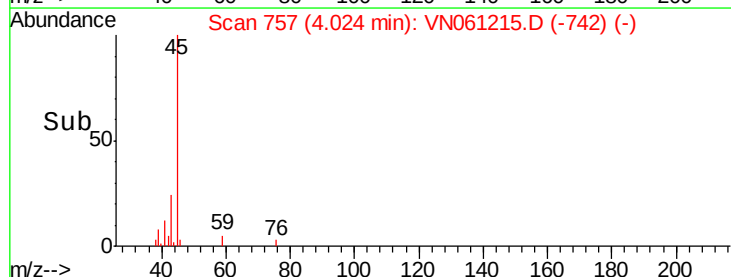
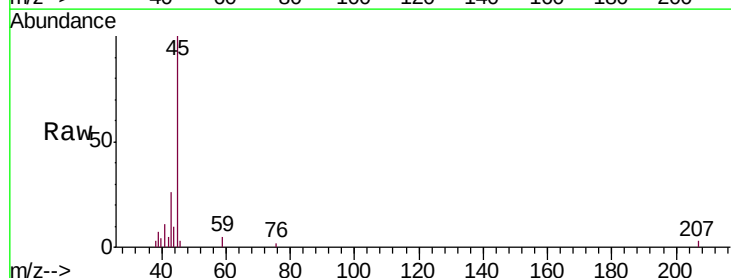
Tgt Ion: 41 Resp: 1791

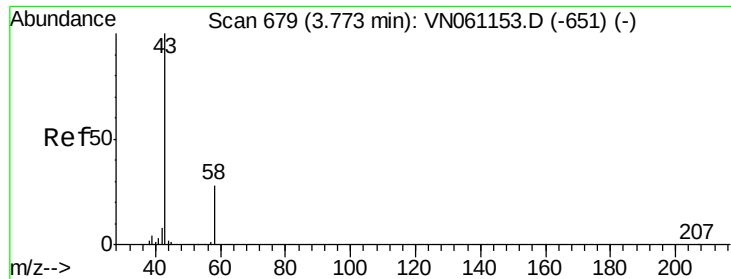
Ion Ratio Lower Upper

41 100

39 82.4 57.1 85.7

76 27.0 24.3 36.5





#16

Acetone

Concen: 5.685 ug/l

RT: 3.78 min Scan# 680

Delta R.T. 0.00 min

Lab File: VN061215.D

Acq: 30 Apr 2020 20:34

Instrument :

MSVOA_N

ClientSampled :

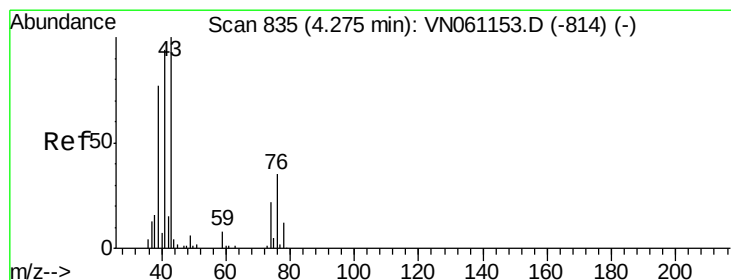
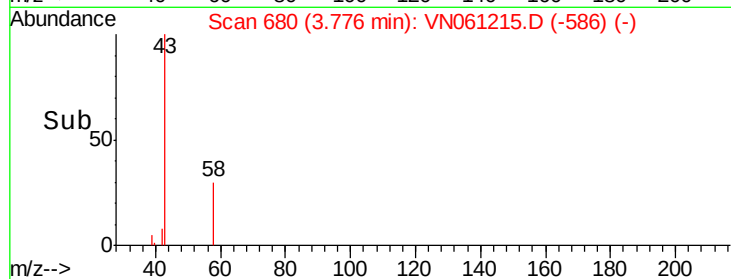
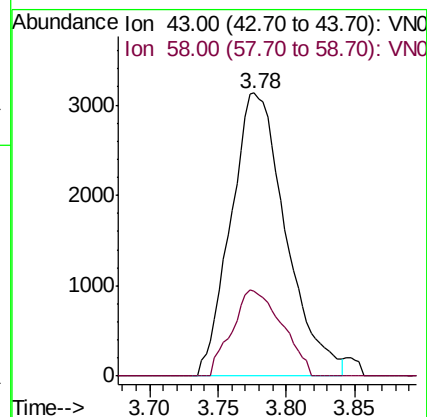
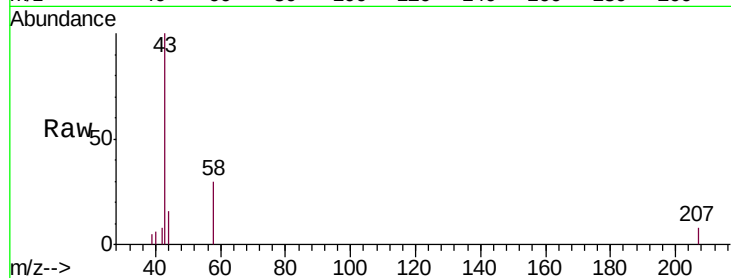
MW-7

Tgt Ion: 43 Resp: 8777

Ion Ratio Lower Upper

43 100

58 30.0 22.2 33.2



#18

Methyl Acetate

Concen: 0.741 ug/l

RT: 4.30 min Scan# 843

Delta R.T. 0.03 min

Lab File: VN061215.D

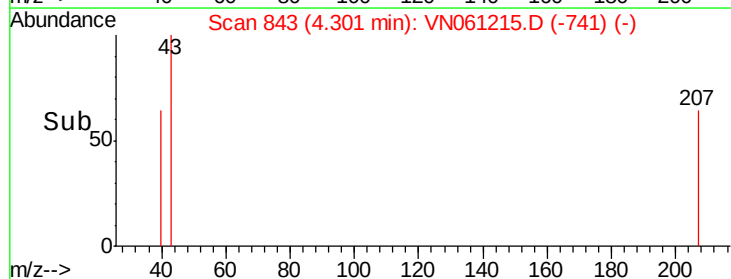
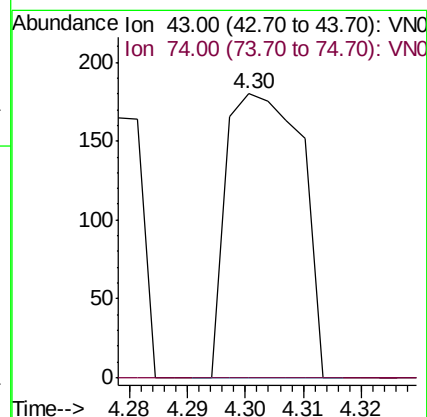
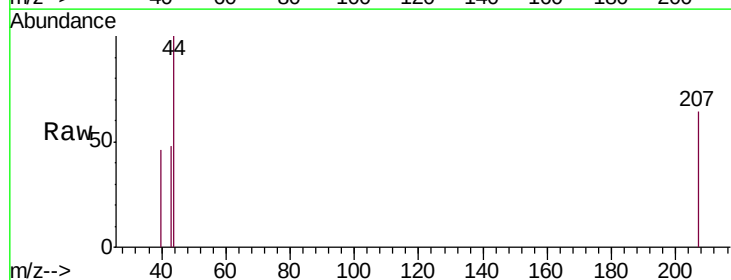
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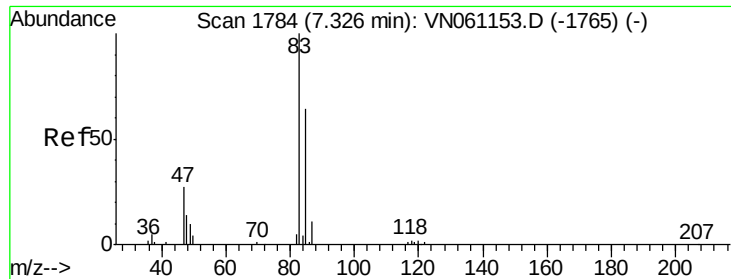
Tgt Ion: 43 Resp: 161

Ion Ratio Lower Upper

43 100

74 0.0 17.0 25.4#

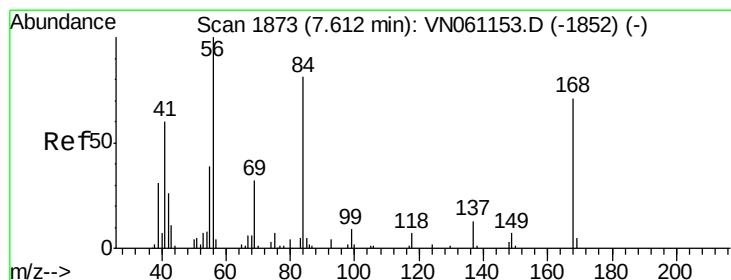
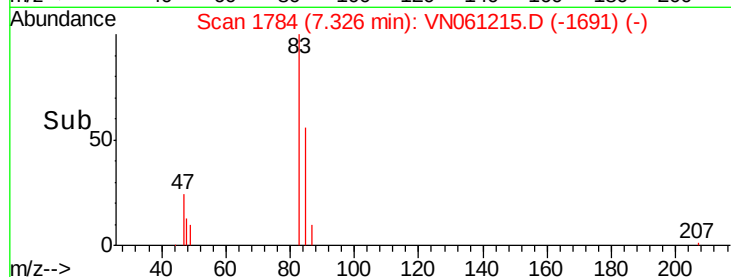
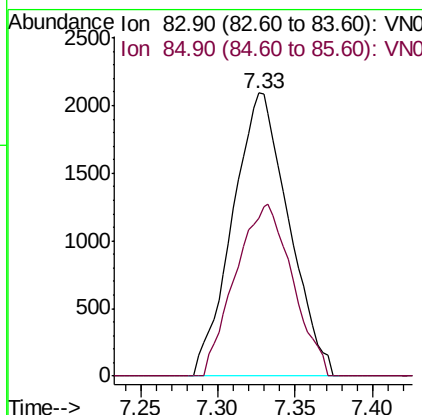
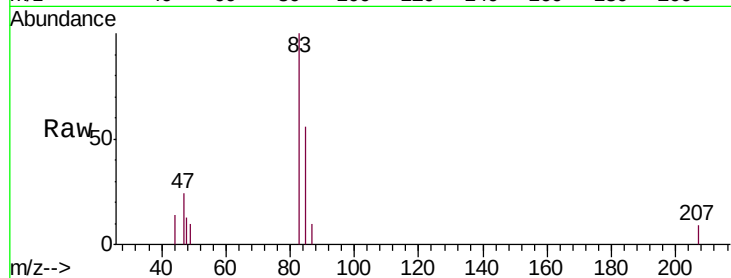




#30
Chloroform
Concen: 1.700 ug/l
RT: 7.33 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VN061215.D
Acq: 30 Apr 2020 20:34

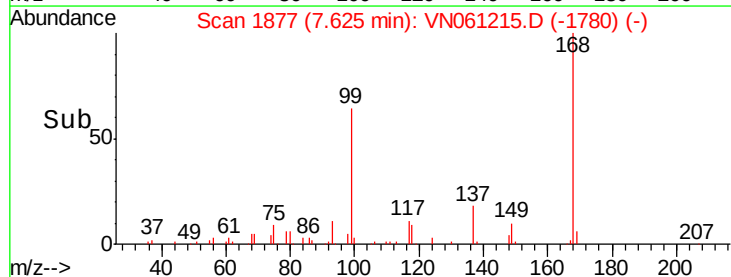
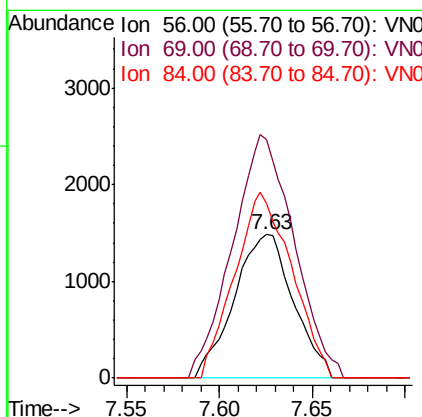
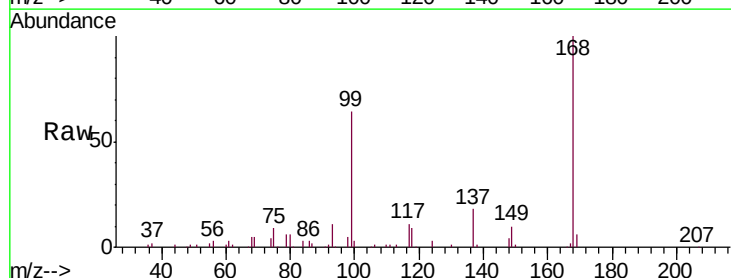
Instrument :
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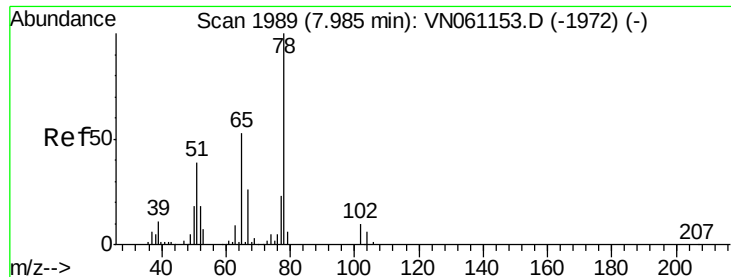
Tgt Ion: 83 Resp: 5283
Ion Ratio Lower Upper
83 100
85 55.7 51.1 76.7



#31
Cyclohexane
Concen: 1.106 ug/l
RT: 7.63 min Scan# 1877
Delta R.T. 0.01 min
Lab File: VN061215.D
Acq: 30 Apr 2020 20:34

Tgt Ion: 56 Resp: 3295
Ion Ratio Lower Upper
56 100
69 166.7 25.7 38.5#
84 122.2 64.6 97.0#

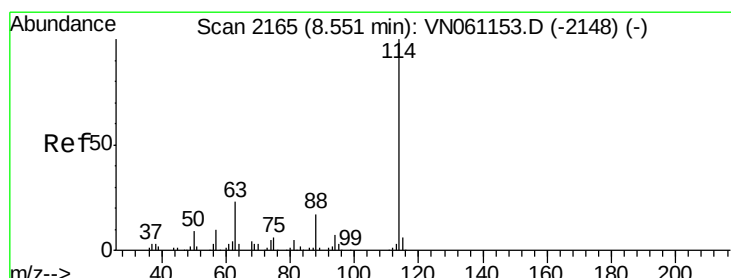
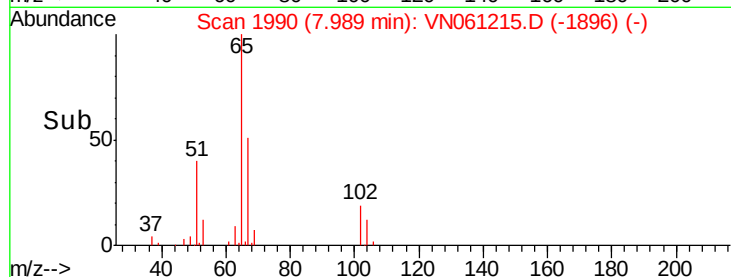
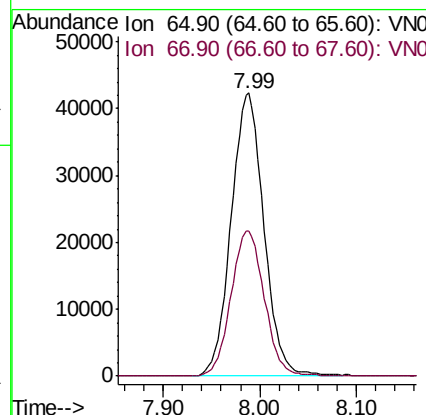
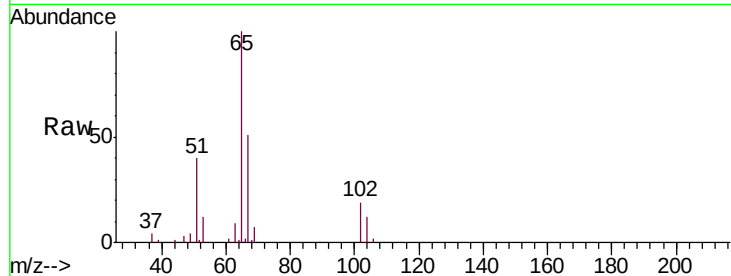




#33
 1,2-Dichloroethane-d4
 Concen: 48.534 ug/l
 RT: 7.99 min Scan# 1990
 Delta R.T. 0.00 min
 Lab File: VN061215.D
 Acq: 30 Apr 2020 20:34

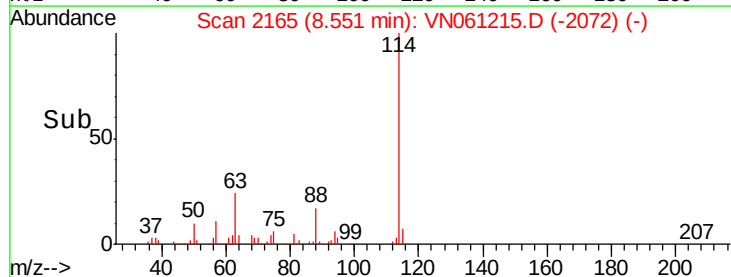
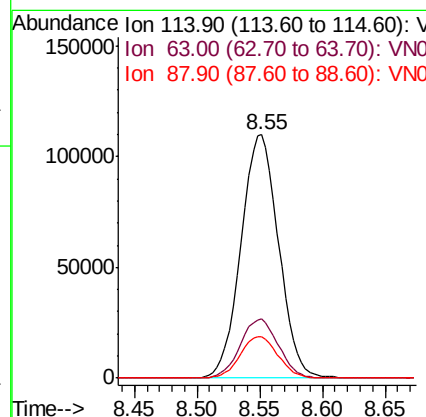
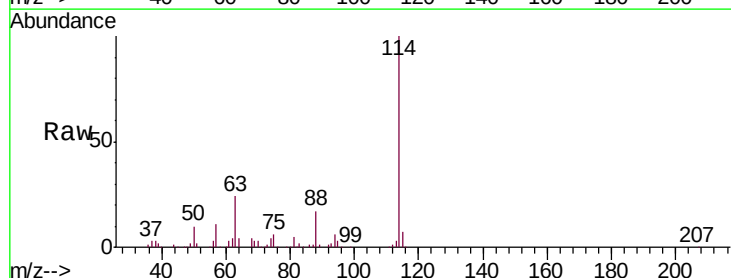
Instrument :
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 ClientSampleId :
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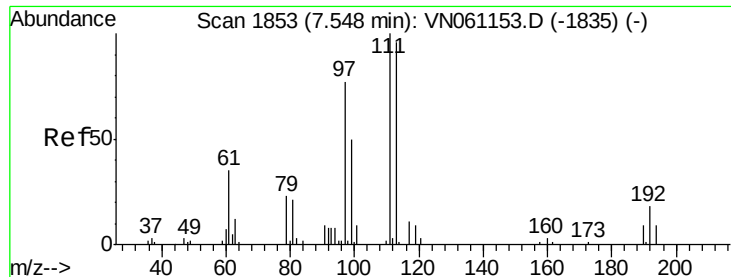
Tgt Ion: 65 Resp: 99369
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VN061215.D
 Acq: 30 Apr 2020 20:34

Tgt Ion: 114 Resp: 229243
 Ion Ratio Lower Upper
 114 100
 63 24.1 0.0 46.6
 88 17.0 0.0 33.4

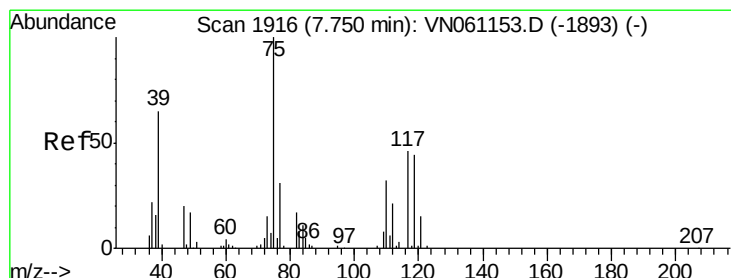
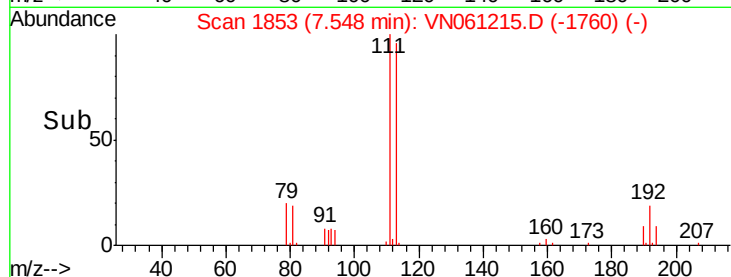
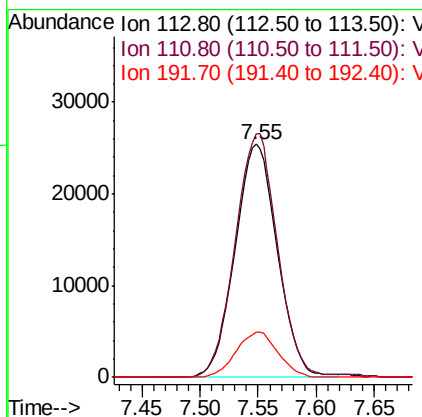
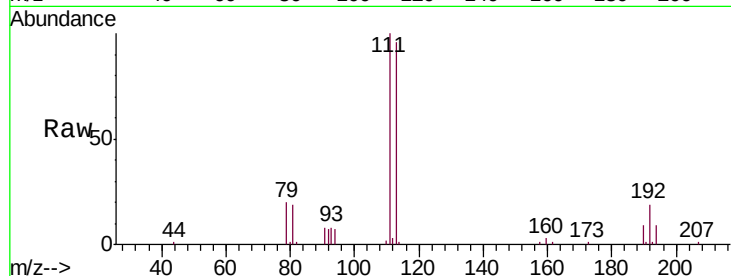




#35
 Dibromofluoromethane
 Concen: 47.623 ug/l
 RT: 7.55 min Scan# 1853
 Delta R.T. 0.00 min
 Lab File: VN061215.D
 Acq: 30 Apr 2020 20:34

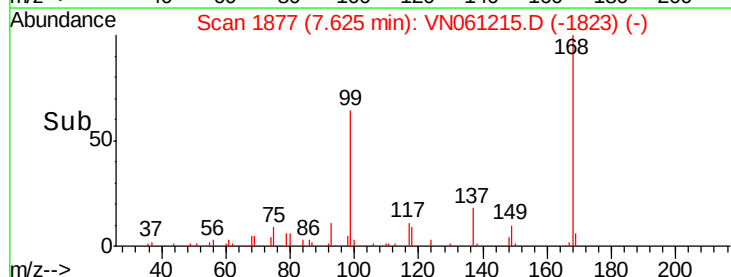
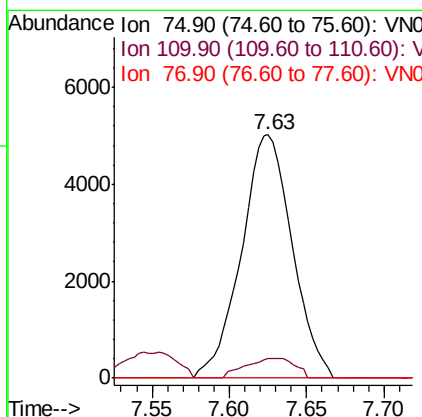
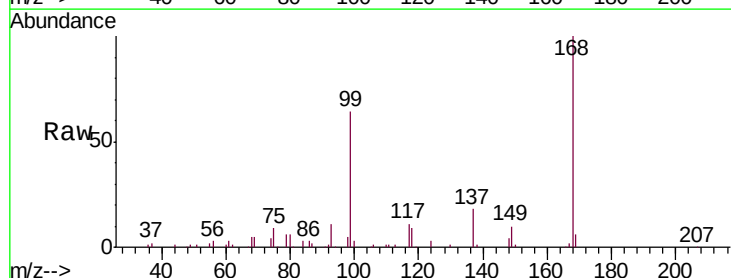
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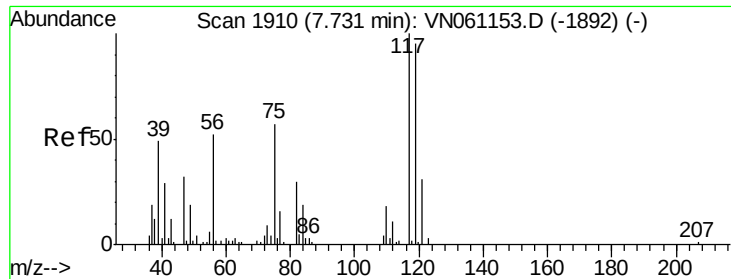
Tgt Ion:113 Resp: 64556
 Ion Ratio Lower Upper
 113 100
 111 105.2 82.9 124.3
 192 19.2 14.7 22.1



#36
 1,1-Dichloropropene
 Concen: 4.994 ug/l
 RT: 7.63 min Scan# 1877
 Delta R.T. -0.13 min
 Lab File: VN061215.D
 Acq: 30 Apr 2020 20:34

Tgt Ion: 75 Resp: 11460
 Ion Ratio Lower Upper
 75 100
 110 7.9 16.0 48.0#
 77 0.0 24.6 37.0#

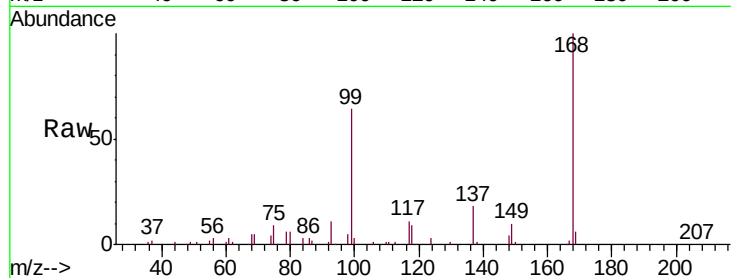




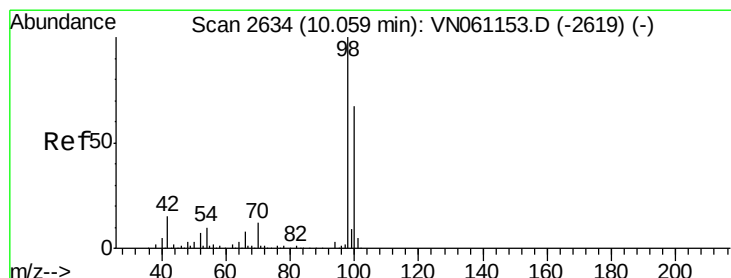
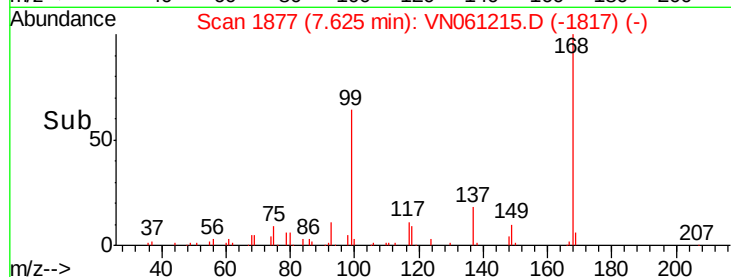
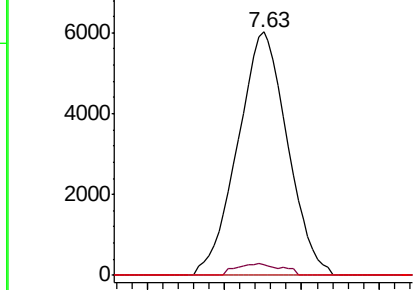
#38
Carbon Tetrachloride
Concen: 8.414 ug/l
RT: 7.63 min Scan# 1877
Delta R.T. -0.11 min
Lab File: VN061215.D
Acq: 30 Apr 2020 20:34

Instrument :
MSVOA_N
ClientSampled :
MW-7

Tgt Ion:117 Resp: 13444
Ion Ratio Lower Upper
117 100
119 4.4 75.8 113.6#
121 0.0 24.7 37.1#

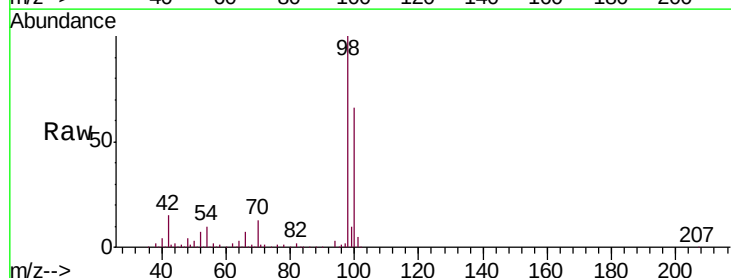


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

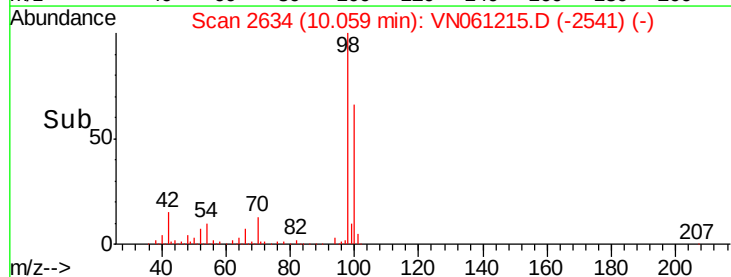
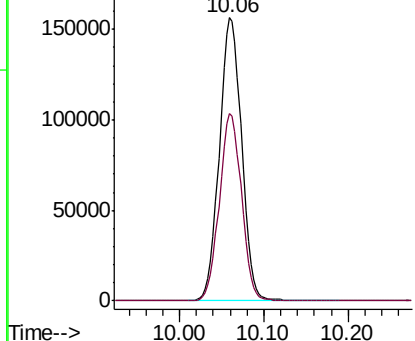


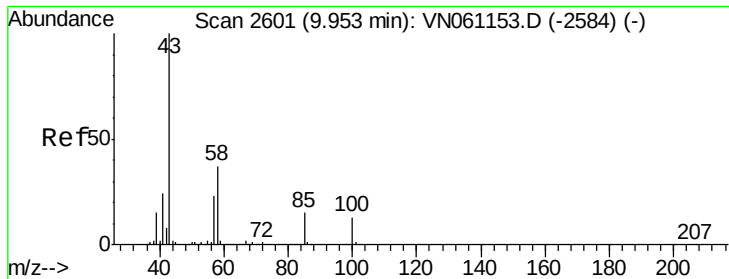
#50
Toluene-d8
Concen: 51.785 ug/l
RT: 10.06 min Scan# 2634
Delta R.T. 0.00 min
Lab File: VN061215.D
Acq: 30 Apr 2020 20:34

Tgt Ion: 98 Resp: 286165
Ion Ratio Lower Upper
98 100
100 65.8 53.4 80.0



Abundance Ion 98.00 (97.70 to 98.70): VN
Ion 100.00 (99.70 to 100.70): VN

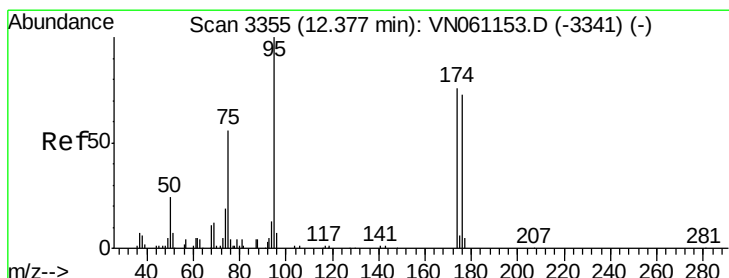
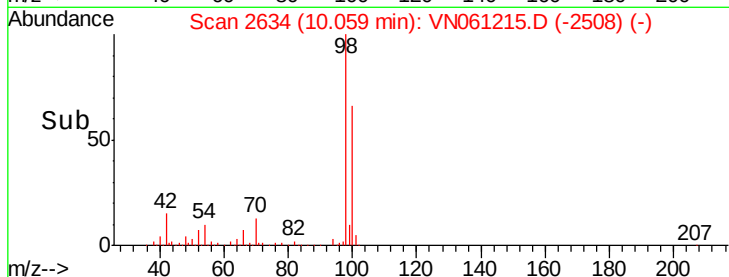
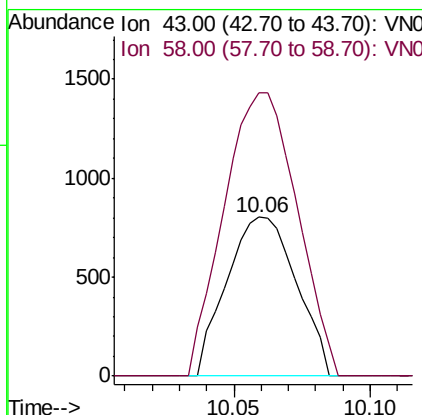
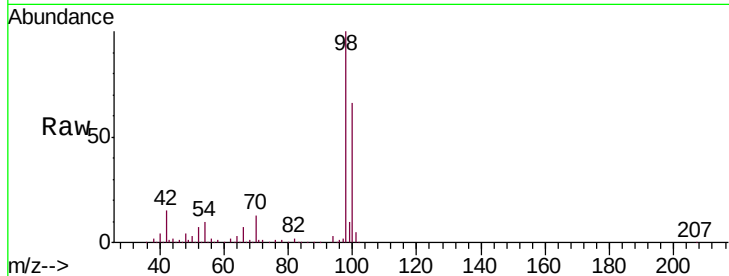




#51
 4-Methyl-2-Pentanone
 Concen: 0.542 ug/l
 RT: 10.06 min Scan# 2634
 Delta R.T. 0.11 min
 Lab File: VN061215.D
 Acq: 30 Apr 2020 20:34

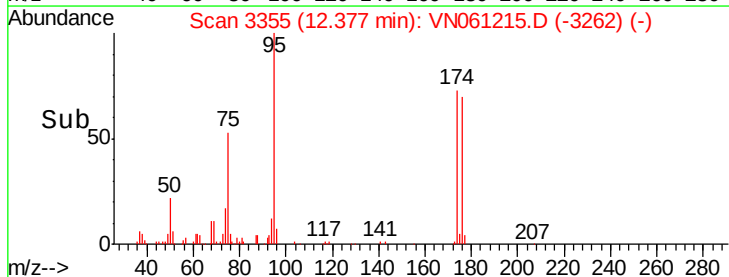
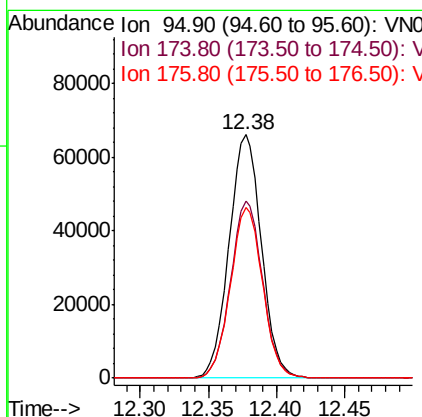
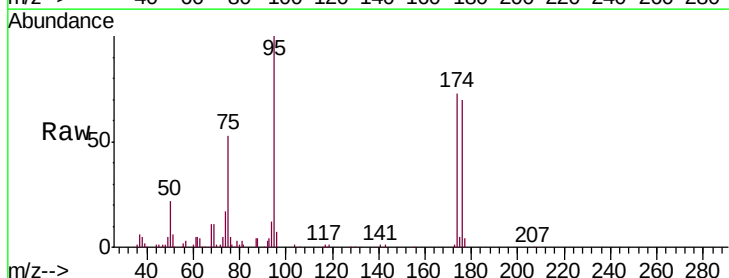
Instrument :
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 MW-7

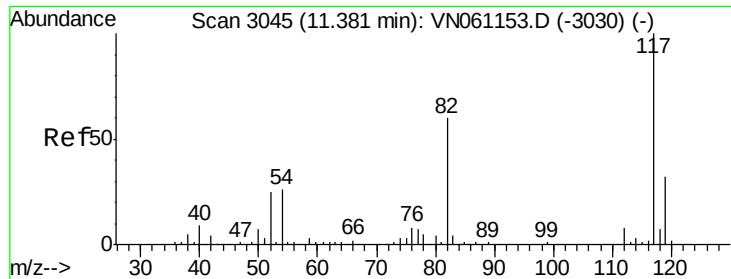
Tgt Ion: 43 Resp: 1424
 Ion Ratio Lower Upper
 43 100
 58 187.0 29.1 43.7#



#62
 4-Bromofluorobenzene
 Concen: 52.347 ug/l
 RT: 12.38 min Scan# 3355
 Delta R.T. 0.00 min
 Lab File: VN061215.D
 Acq: 30 Apr 2020 20:34

Tgt Ion: 95 Resp: 108857
 Ion Ratio Lower Upper
 95 100
 174 72.3 0.0 149.4
 176 69.9 0.0 144.8

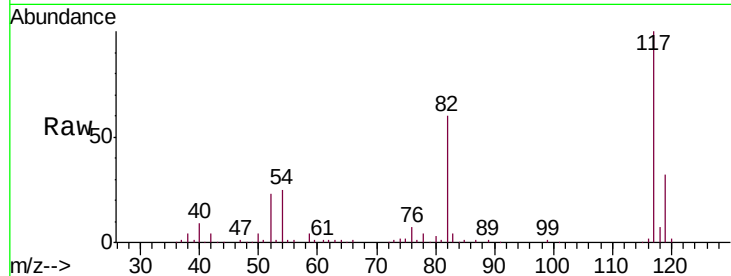




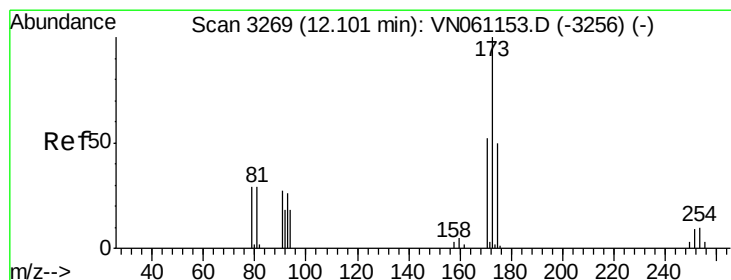
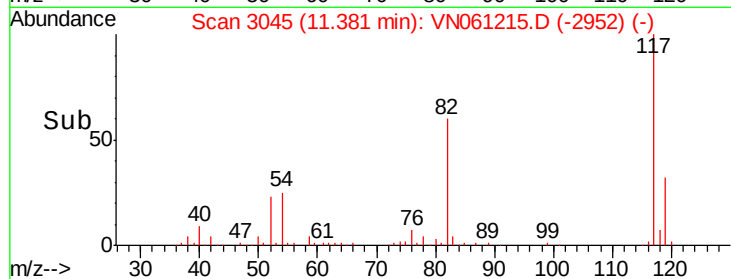
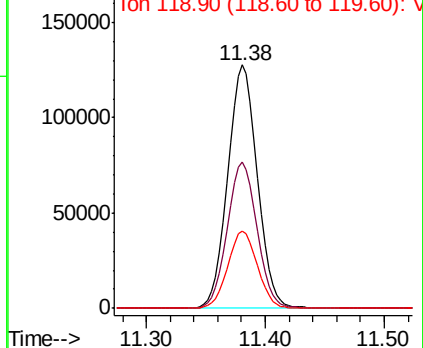
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 3045
Delta R.T. 0.00 min
Lab File: VN061215.D
Acq: 30 Apr 2020 20:34

Instrument :
MSVOA_N
ClientSampleId :
MW-7

Tgt Ion:117 Resp: 219958
Ion Ratio Lower Upper
117 100
82 60.0 47.8 71.8
119 31.7 25.8 38.6

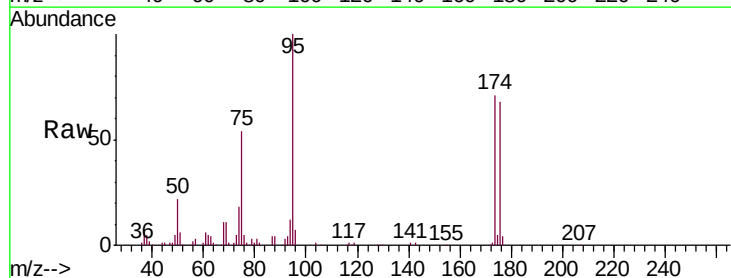


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

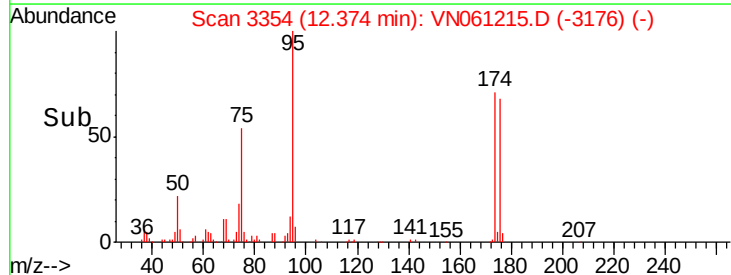
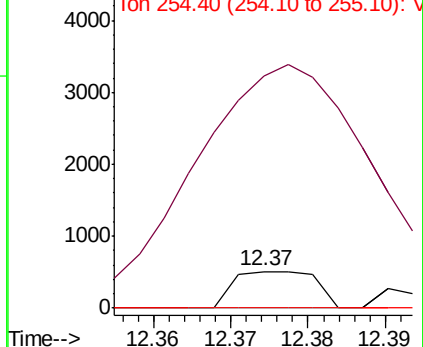


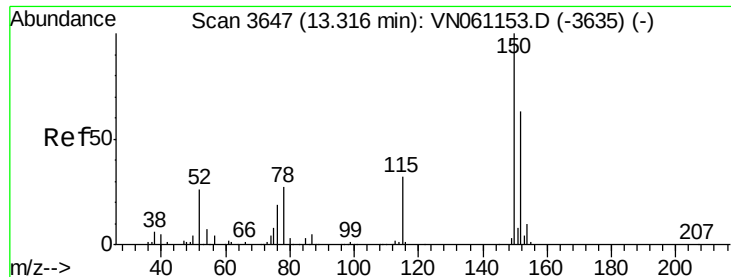
#71
Bromoform
Concen: 0.326 ug/l
RT: 12.37 min Scan# 3354
Delta R.T. 0.27 min
Lab File: VN061215.D
Acq: 30 Apr 2020 20:34

Tgt Ion:173 Resp: 374
Ion Ratio Lower Upper
173 100
175 1272.7 24.1 72.4#
254 0.0 0.0 0.0



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





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3648

Delta R.T. 0.00 min

Lab File: VN061215.D

Acq: 30 Apr 2020 20:34

Instrument :

MSVOA_N

ClientSampled :

MW-7

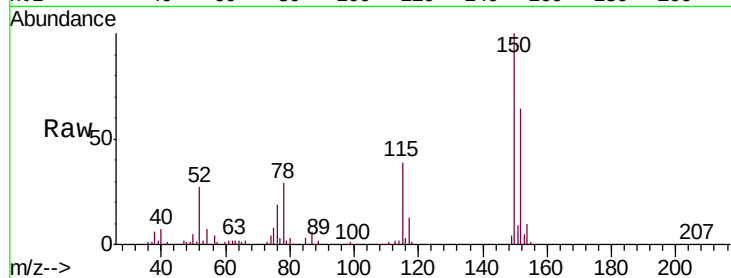
Tgt Ion:152 Resp: 99806

Ion Ratio Lower Upper

152 100

115 61.3 31.0 93.0

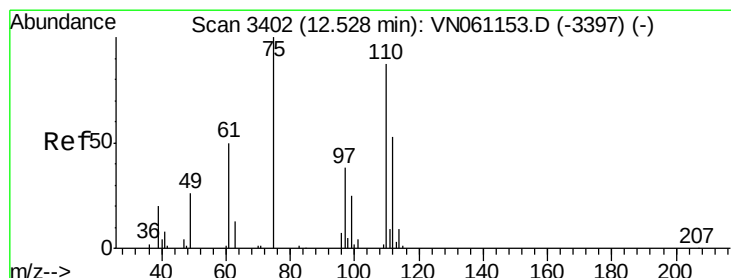
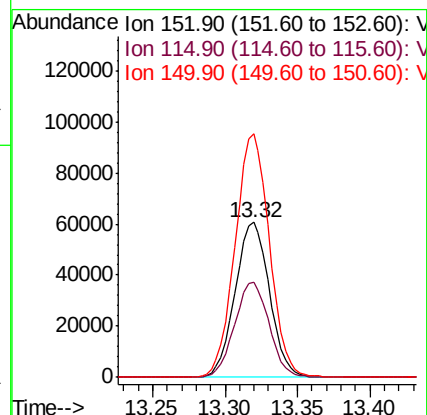
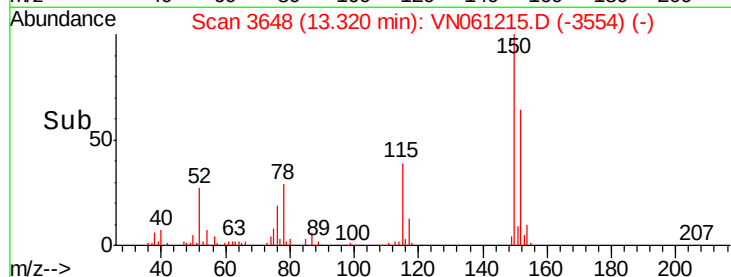
150 156.4 0.0 351.8



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



#76

1,2,3-Trichloropropane

Concen: 27.626 ug/l

RT: 12.38 min Scan# 3355

Delta R.T. -0.15 min

Lab File: VN061215.D

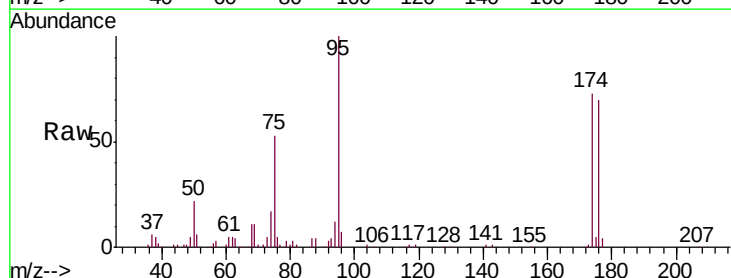
Acq: 30 Apr 2020 20:34

Tgt Ion: 75 Resp: 58129

Ion Ratio Lower Upper

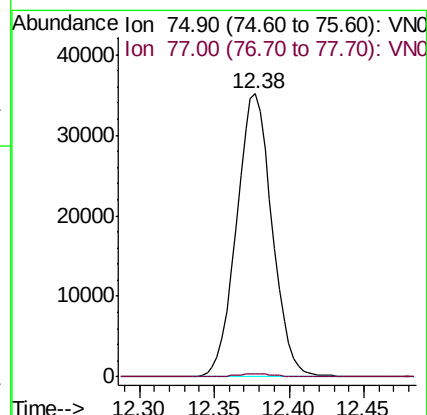
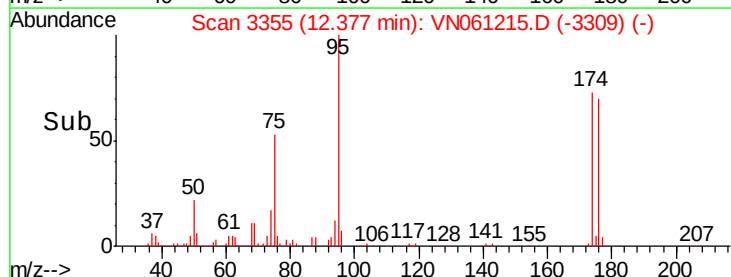
75 100

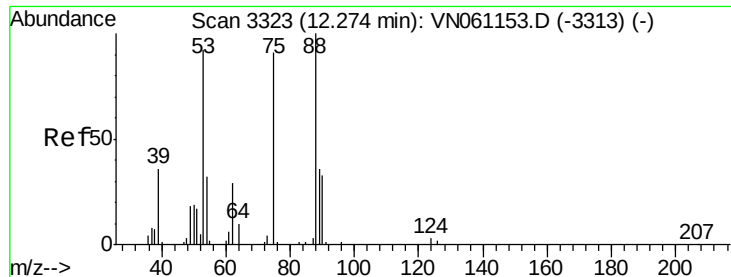
77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V

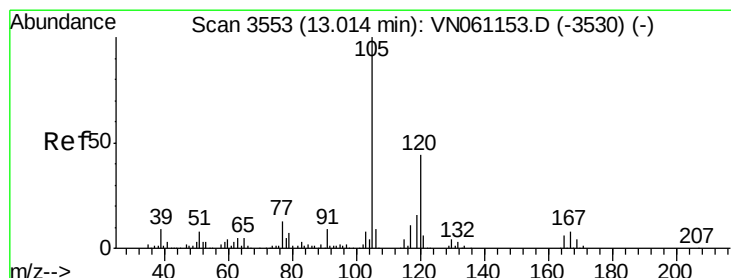
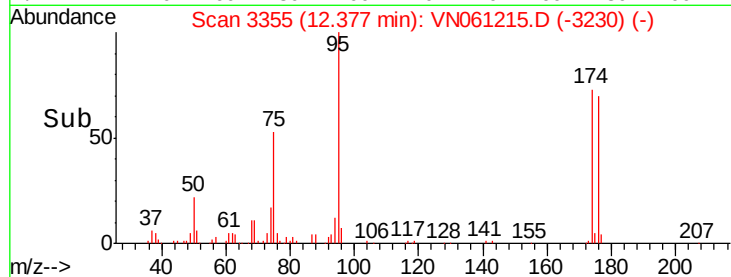
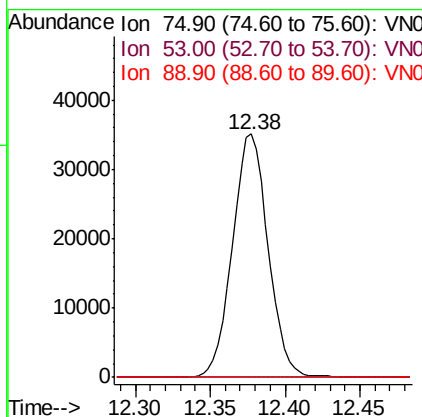
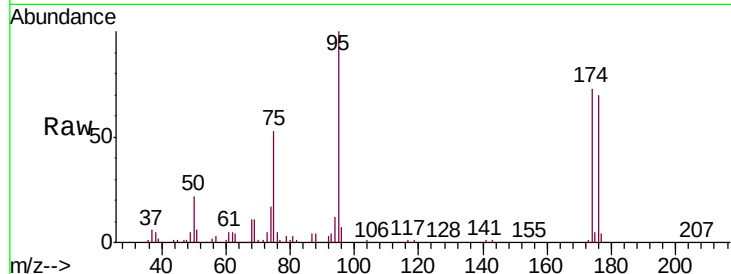




#81
 trans-1,4-Dichloro-2-butene
 Concen: 70.154 ug/l
 RT: 12.38 min Scan# 3355
 Delta R.T. 0.10 min
 Lab File: VN061215.D
 Acq: 30 Apr 2020 20:34

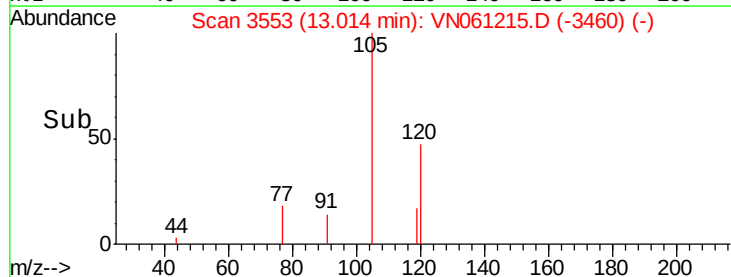
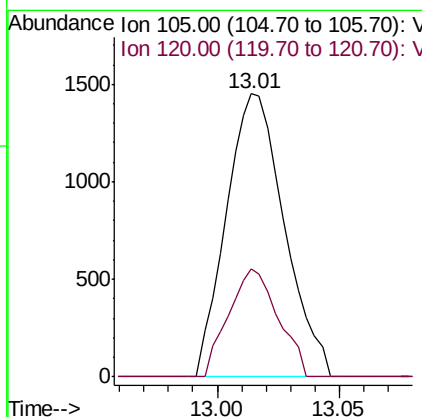
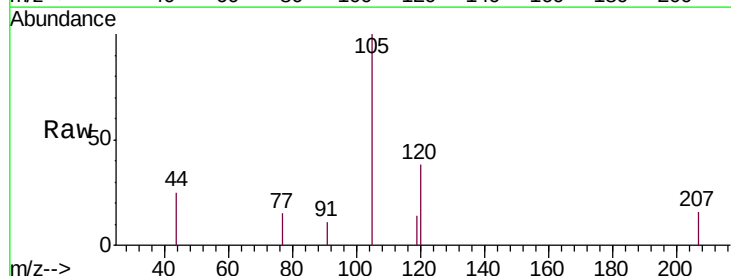
Instrument :
 MSVOA_N
 ClientSampled :
 MW-7

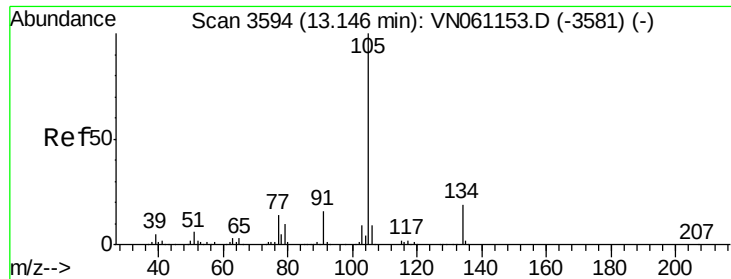
Tgt Ion: 75 Resp: 58129
 Ion Ratio Lower Upper
 75 100
 53 0.0 84.1 126.1#
 89 0.0 35.2 52.8#



#84
 1,2,4-Trimethylbenzene
 Concen: 0.383 ug/l
 RT: 13.01 min Scan# 3553
 Delta R.T. 0.00 min
 Lab File: VN061215.D
 Acq: 30 Apr 2020 20:34

Tgt Ion: 105 Resp: 2394
 Ion Ratio Lower Upper
 105 100
 120 32.5 22.2 66.6





#85

sec-Butylbenzene

Concen: 0.343 ug/l

RT: 13.01 min Scan# 3553

Delta R.T. -0.13 min

Lab File: VN061215.D

Acq: 30 Apr 2020 20:34

Instrument :

MSVOA_N

ClientSampleId :

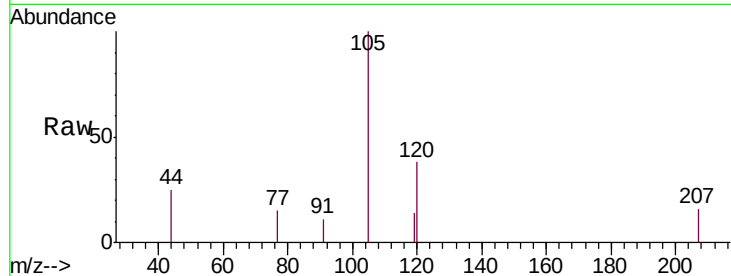
MW-7

Tgt Ion:105 Resp: 2394

Ion Ratio Lower Upper

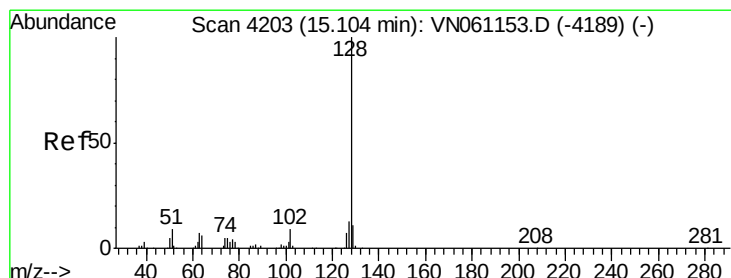
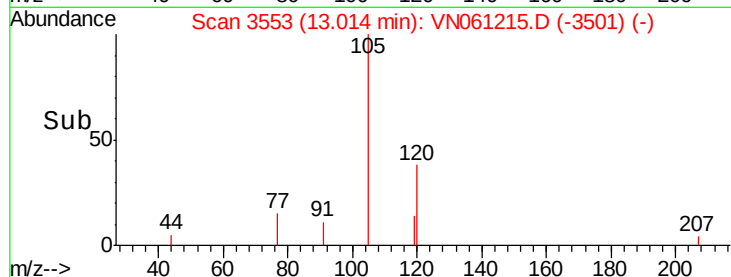
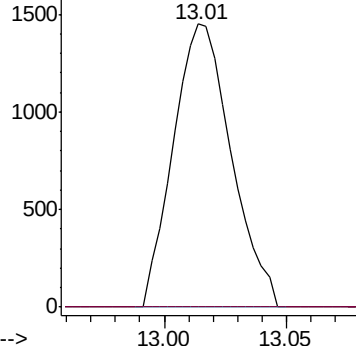
105 100

134 0.0 9.6 28.8#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#95

Naphthalene

Concen: 0.242 ug/l

RT: 15.11 min Scan# 4204

Delta R.T. 0.00 min

Lab File: VN061215.D

Acq: 30 Apr 2020 20:34

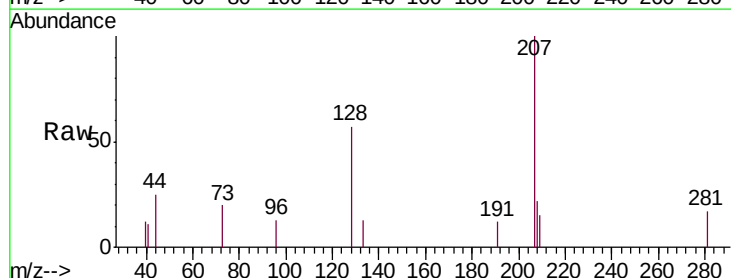
Tgt Ion:128 Resp: 1437

Ion Ratio Lower Upper

128 100

127 0.0 10.4 15.6#

129 0.0 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

