

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050620\
 Data File : VN061320.D
 Acq On : 6 May 2020 19:18
 Operator : JC/MD
 Sample : L2492-13
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OILY-DEBRIS-COMP

Quant Time: May 07 09:19:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 05 07:01:08 2020
 Response via : Initial Calibration

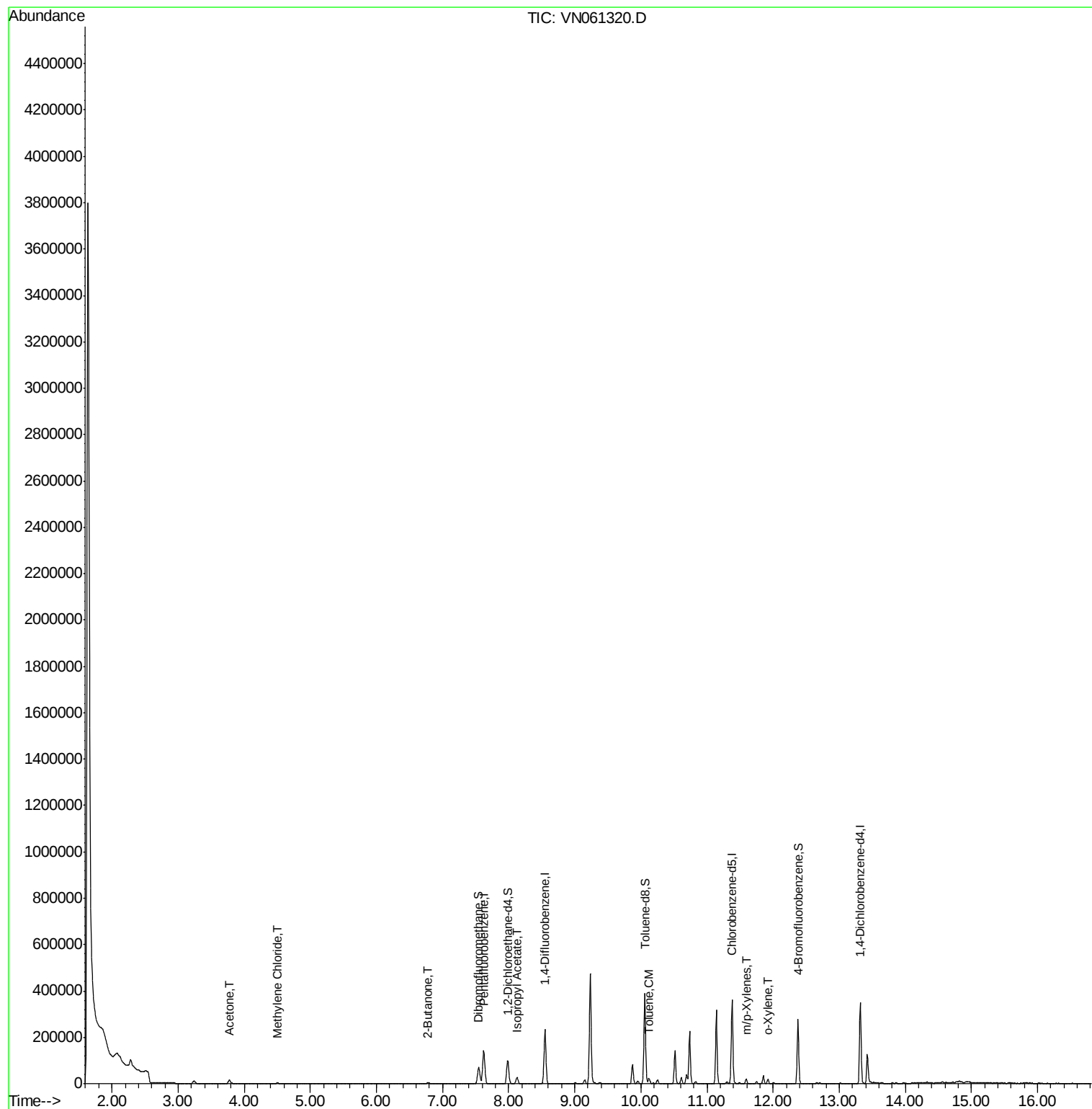
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	107127	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	194331	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	191156	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	85276	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	88643	52.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.58%	
35) Dibromofluoromethane	7.55	113	54849	47.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.46%	
50) Toluene-d8	10.06	98	245927	52.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.00%	
62) 4-Bromofluorobenzene	12.38	95	94103	53.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.76%	
Target Compounds						
16) Acetone	3.77	43	26669	35.951	ug/l	99
20) Methylene Chloride	4.49	84	2211	1.673	ug/l #	86
25) 2-Butanone	6.79	43	6109	6.091	ug/l	98
43) Isopropyl Acetate	8.12	43	35132	9.282	ug/l #	90
52) Toluene	10.12	92	9174	2.628	ug/l	97
68) m/p-Xylenes	11.59	106	5730	2.205	ug/l	93
69) o-Xylene	11.92	106	3801	1.523	ug/l	99

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

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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: VN061320.D

Acq: 6 May 2020 19:18

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ClientSampleId :

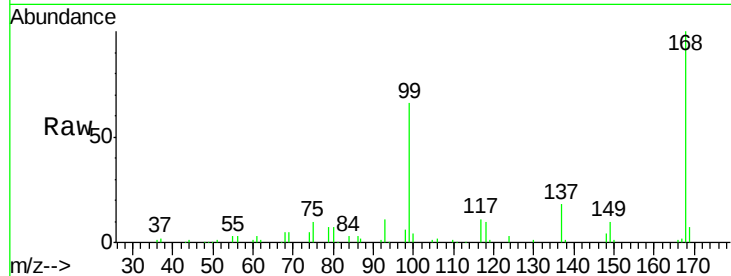
OILY-DEBRIS-COMP

Tot Ion:168 Resp: 107127

Ion Ratio Lower Upper

168 100

99 65.8 51.2 76.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

50000

40000

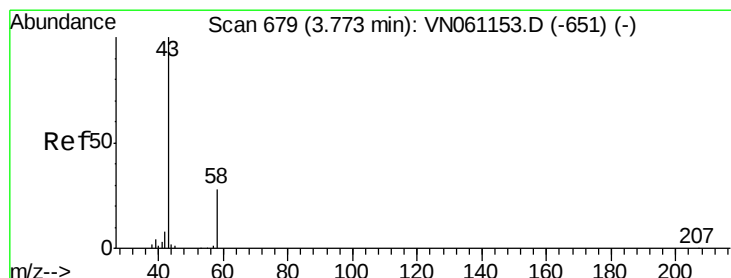
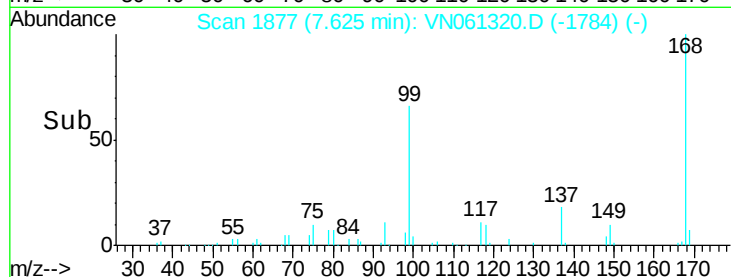
30000

20000

10000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 35.951 ug/l

RT: 3.77 min Scan# 679

Delta R.T. 0.00 min

Lab File: VN061320.D

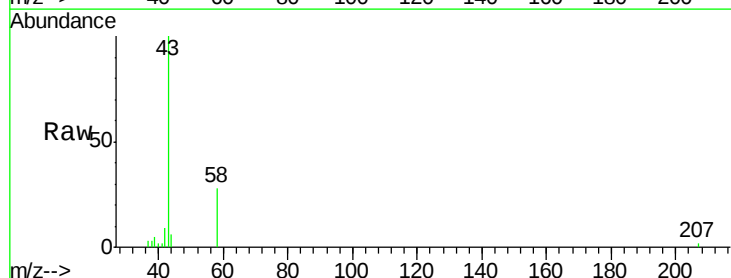
Acq: 6 May 2020 19:18

Tgt Ion: 43 Resp: 26669

Ion Ratio Lower Upper

43 100

58 28.0 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.77

10000

8000

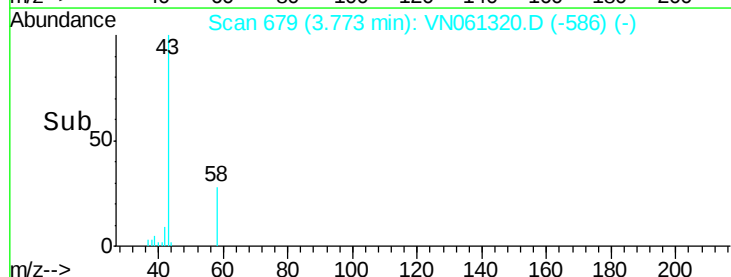
6000

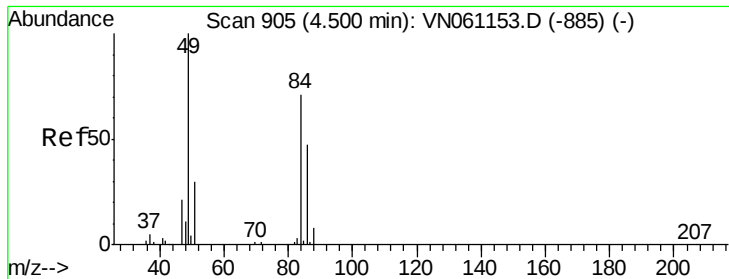
4000

2000

0

Time--> 3.70 3.80 3.90

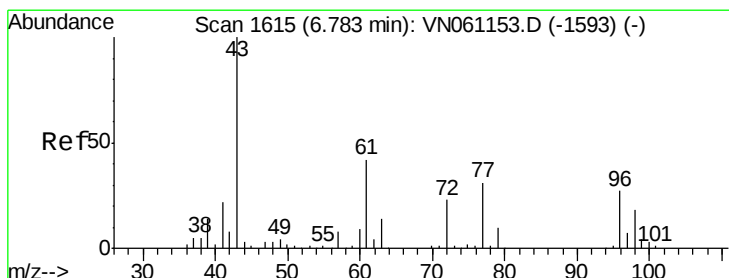
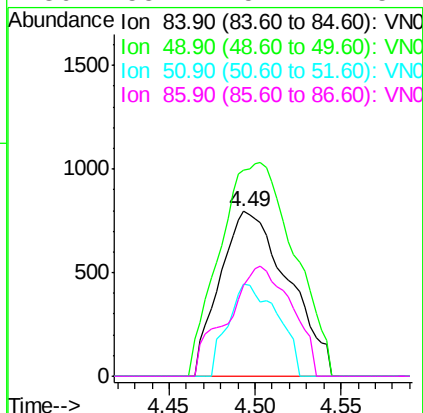
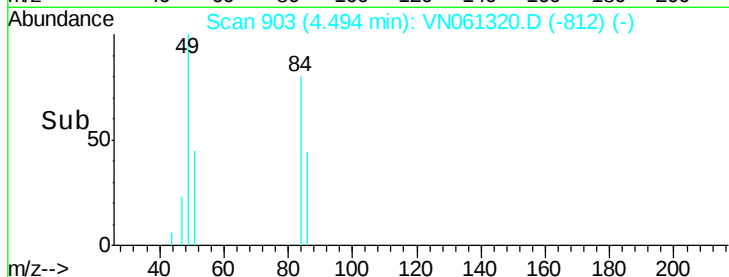
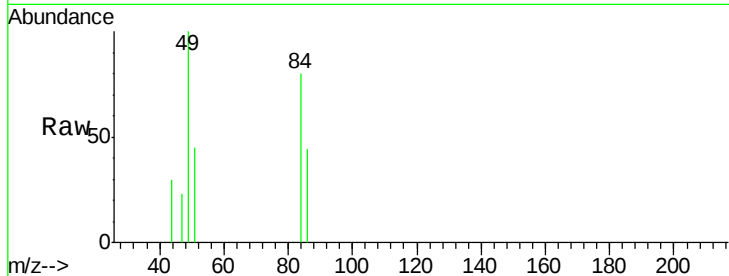




#20
Methvlene Chloride
Concen: 1.673 ug/l
RT: 4.49 min Scan# 903
Delta R.T. -0.01 min
Lab File: VN061320.D
Acq: 6 May 2020 19:18

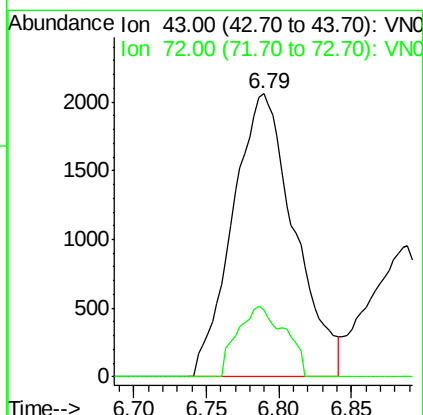
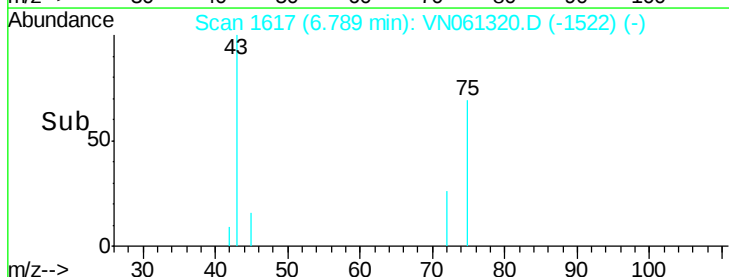
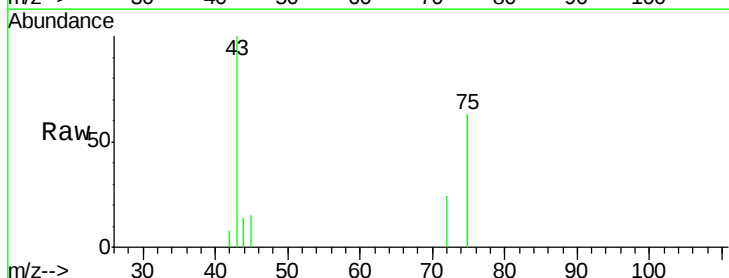
Instrument :
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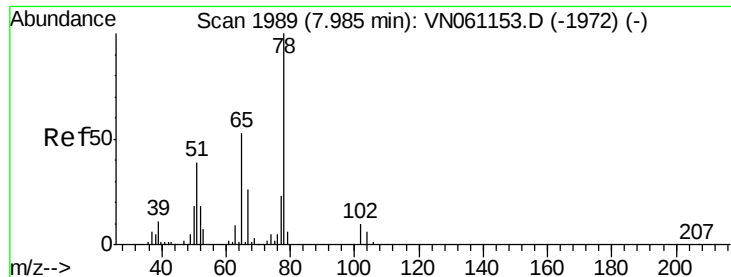
Tot Ion: 84 Resp: 2211
Ion Ratio Lower Upper
84 100
49 125.1 112.0 168.0
51 55.7 33.6 50.4#
86 55.2 52.1 78.1



#25
2-Butanone
Concen: 6.091 ug/l
RT: 6.79 min Scan# 1617
Delta R.T. 0.01 min
Lab File: VN061320.D
Acq: 6 May 2020 19:18

Tgt Ion: 43 Resp: 6109
Ion Ratio Lower Upper
43 100
72 23.6 18.2 27.4





#33

1,2-Dichloroethane-d4

Concen: 52.294 ug/l

RT: 7.99 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN061320.D

Acq: 6 May 2020 19:18

Instrument :

MSVOA_N

ClientSampleId :

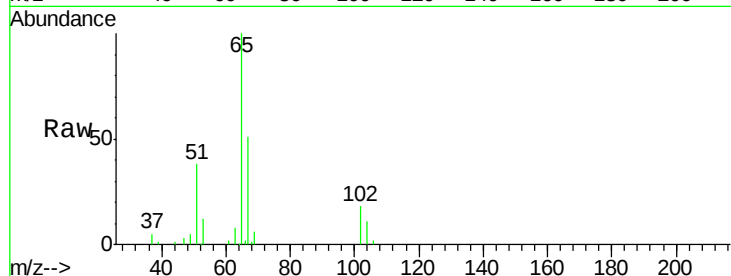
OILY-DEBRIS-COMP

Tot Ion: 65 Resp: 88643

Ion Ratio Lower Upper

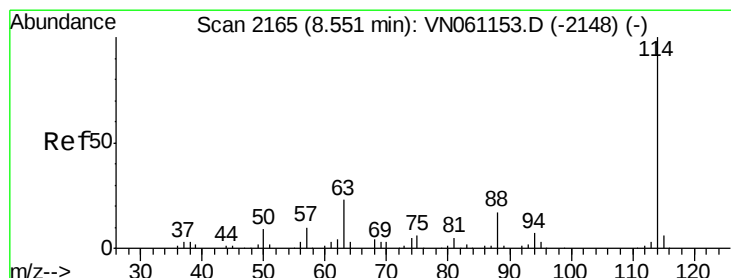
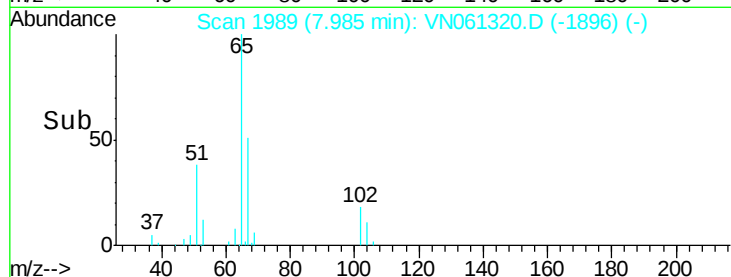
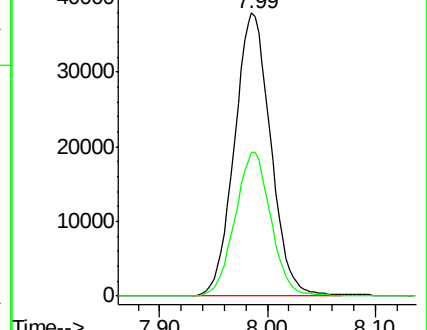
65 100

67 50.2 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VN061153.D (-1972) (-)

Ion 66.90 (66.60 to 67.60): VN061153.D (-1972) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2164

Delta R.T. -0.00 min

Lab File: VN061320.D

Acq: 6 May 2020 19:18

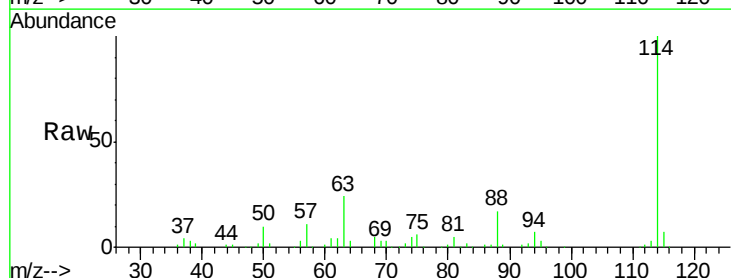
Tgt Ion: 114 Resp: 194331

Ion Ratio Lower Upper

114 100

63 23.9 0.0 46.6

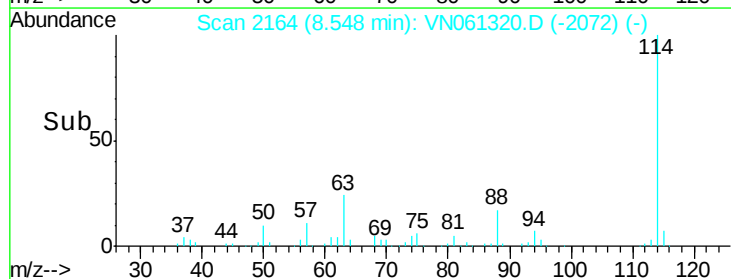
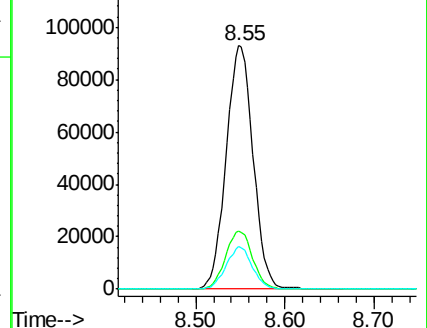
88 17.5 0.0 33.4

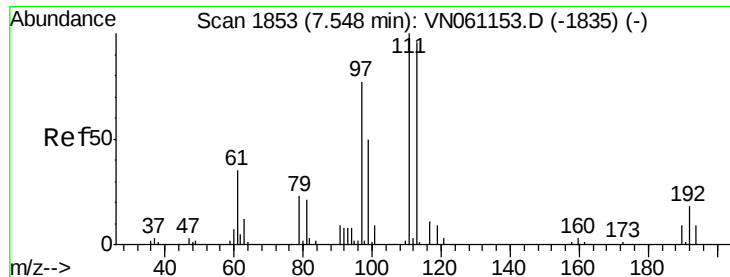


Abundance Ion 113.90 (113.60 to 114.60): VN061153.D (-2148) (-)

Ion 63.00 (62.70 to 63.70): VN061153.D (-2148) (-)

Ion 87.90 (87.60 to 88.60): VN061153.D (-2148) (-)

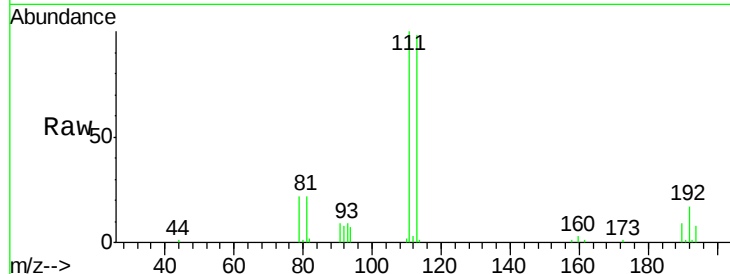




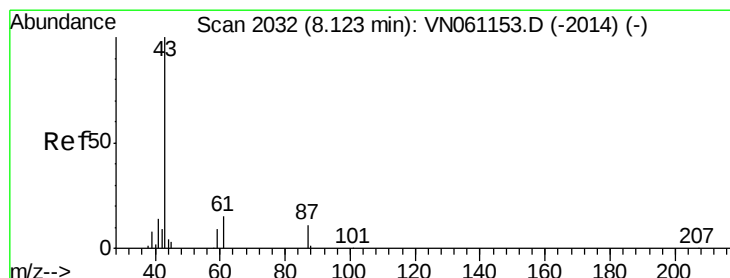
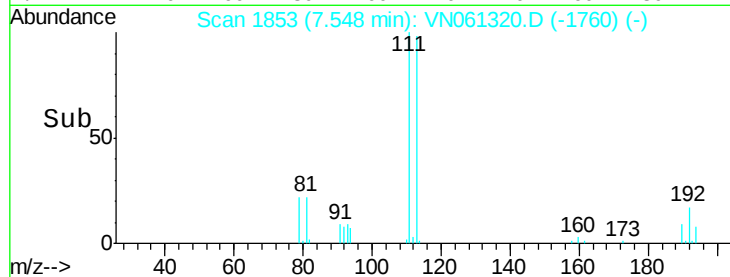
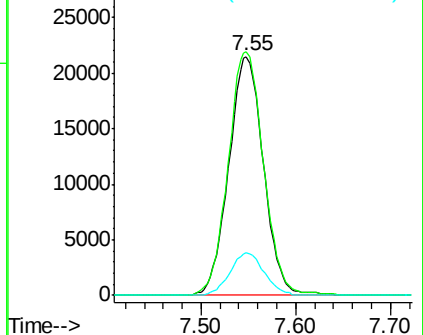
#35
 Dibromofluoromethane
 Concen: 47.731 ug/l
 RT: 7.55 min Scan# 1853
 Delta R.T. 0.00 min
 Lab File: VN061320.D
 Acq: 6 May 2020 19:18

Instrument :
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 OILY-DEBRIS-COMP

Tot Ion:113 Resp: 54849
 Ion Ratio Lower Upper
 113 100
 111 103.6 82.9 124.3
 192 17.5 14.7 22.1

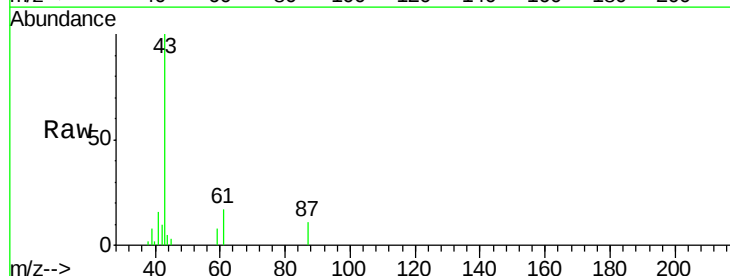


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

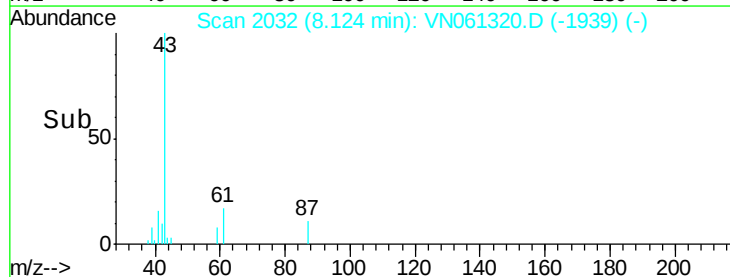
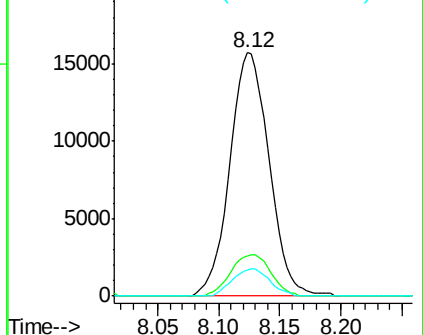


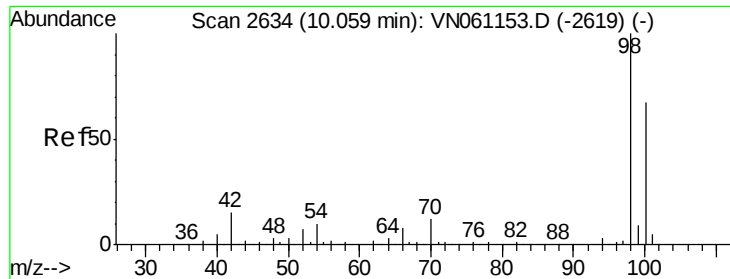
#43
 Isopropyl Acetate
 Concen: 9.282 ug/l
 RT: 8.12 min Scan# 2032
 Delta R.T. 0.00 min
 Lab File: VN061320.D
 Acq: 6 May 2020 19:18

Tgt Ion: 43 Resp: 35132
 Ion Ratio Lower Upper
 43 100
 61 17.3 19.5 29.3#
 87 10.6 8.9 13.3



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

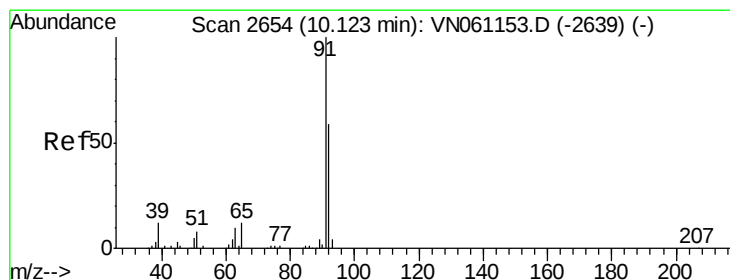
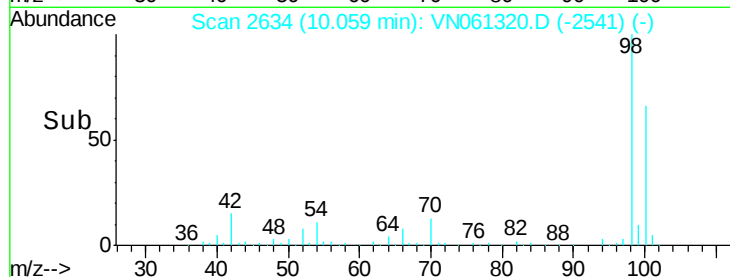
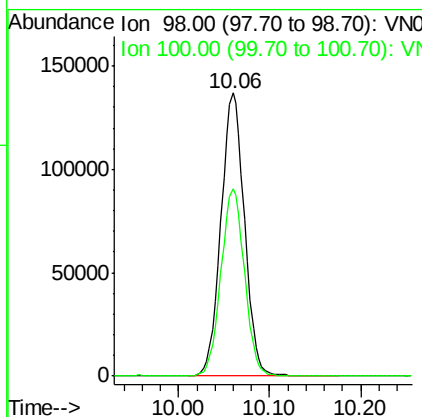
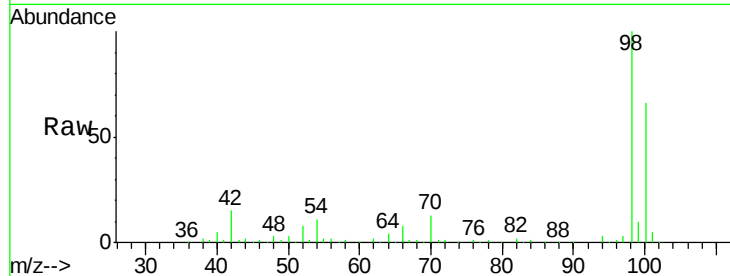




#50
Toluene-d8
Concen: 52.499 ug/l
RT: 10.06 min Scan# 2634
Delta R.T. 0.00 min
Lab File: VN061320.D
Acq: 6 May 2020 19:18

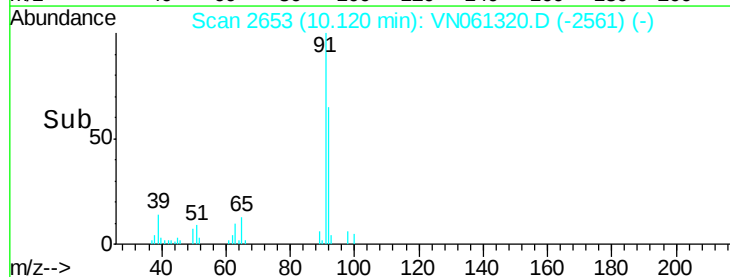
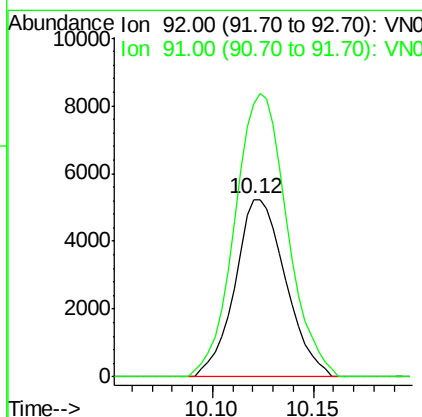
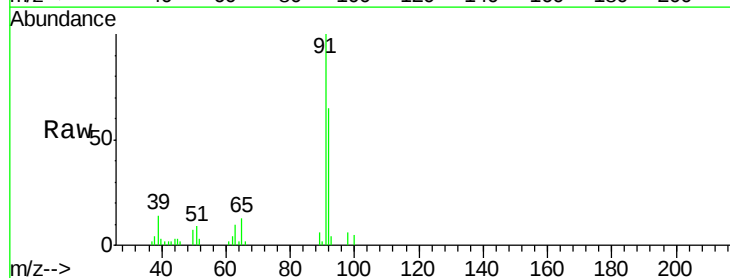
Instrument :
MSVOA_N
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OILY-DEBRIS-COMP

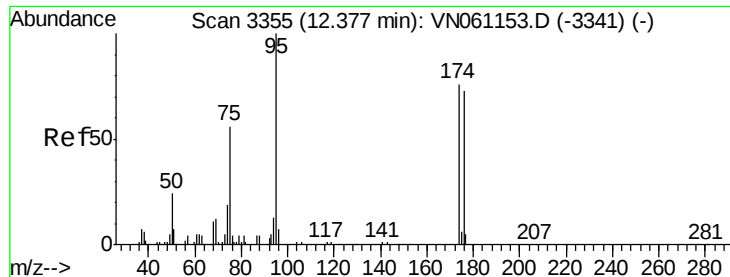
Tot Ion: 98 Resp: 245927
Ion Ratio Lower Upper
98 100
100 66.3 53.4 80.0



#52
Toluene
Concen: 2.628 ug/l
RT: 10.12 min Scan# 2653
Delta R.T. -0.00 min
Lab File: VN061320.D
Acq: 6 May 2020 19:18

Tgt Ion: 92 Resp: 9174
Ion Ratio Lower Upper
92 100
91 165.7 136.2 204.2





#62

4-Bromofluorobenzene

Concen: 53.382 ug/l

RT: 12.38 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN061320.D

Acq: 6 May 2020 19:18

Instrument :

MSVOA_N

ClientSampleId :

OILY-DEBRIS-COMP

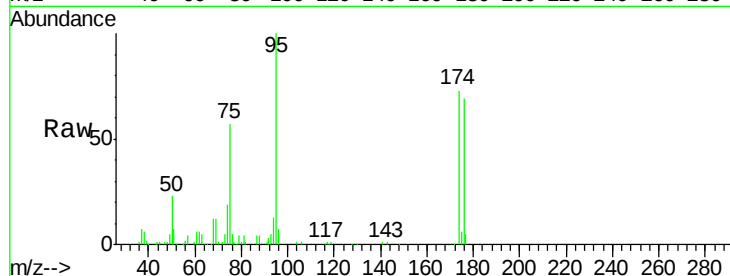
Tot Ion: 95 Resp: 94103

Ion Ratio Lower Upper

95 100

174 72.7 0.0 149.4

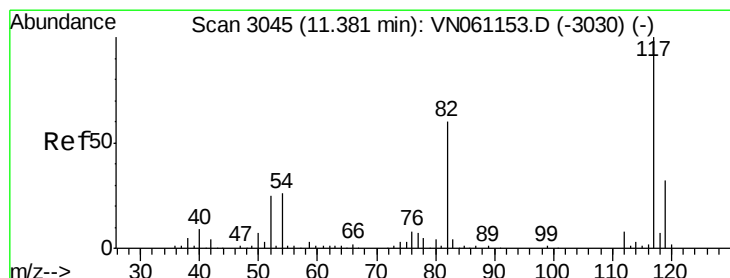
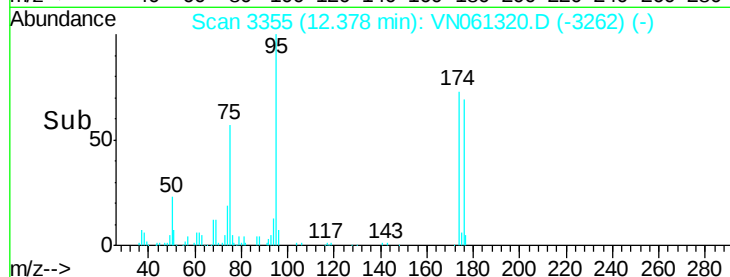
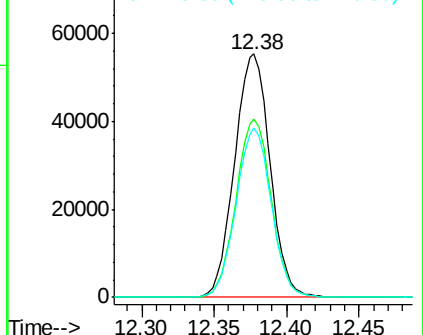
176 68.9 0.0 144.8



Abundance Ion 94.90 (94.60 to 95.60): VN061320.D (-3262) (-)

Ion 173.80 (173.50 to 174.50): VN061320.D (-3262) (-)

Ion 175.80 (175.50 to 176.50): VN061320.D (-3262) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 3045

Delta R.T. 0.00 min

Lab File: VN061320.D

Acq: 6 May 2020 19:18

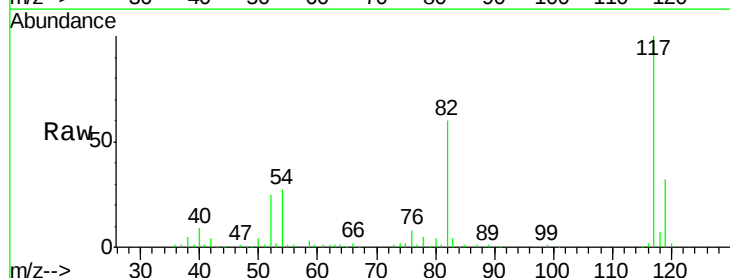
Tgt Ion: 117 Resp: 191156

Ion Ratio Lower Upper

117 100

82 60.0 47.8 71.8

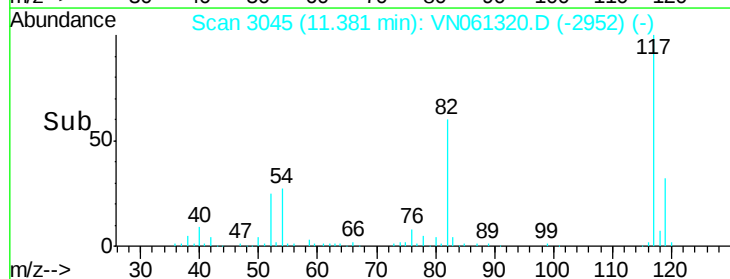
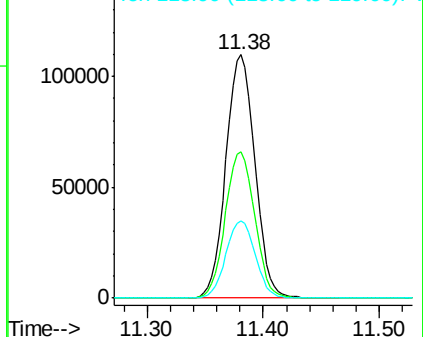
119 31.7 25.8 38.6

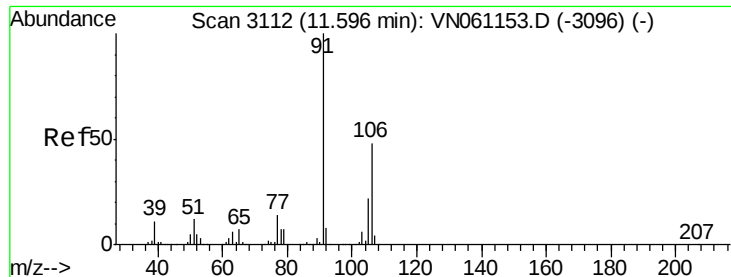


Abundance Ion 116.90 (116.60 to 117.60): VN061320.D (-2952) (-)

Ion 82.00 (81.70 to 82.70): VN061320.D (-2952) (-)

Ion 118.90 (118.60 to 119.60): VN061320.D (-2952) (-)





#68

m/p-Xylenes

Concen: 2.205 ug/l

RT: 11.59 min Scan# 3111

Delta R.T. -0.00 min

Lab File: VN061320.D

Acq: 6 May 2020 19:18

Instrument :

MSVOA_N

ClientSampleId :

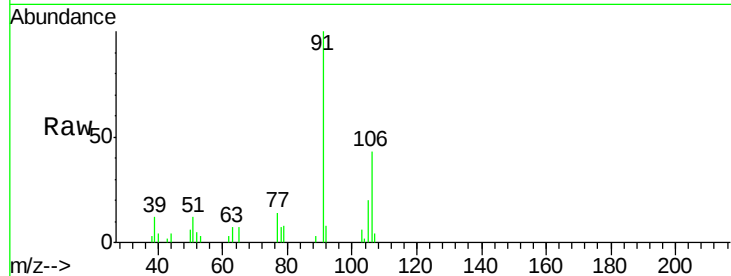
OILY-DEBRIS-COMP

Tot Ion:106 Resp: 5730

Ion Ratio Lower Upper

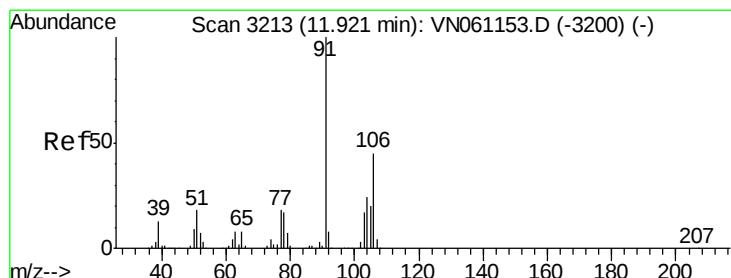
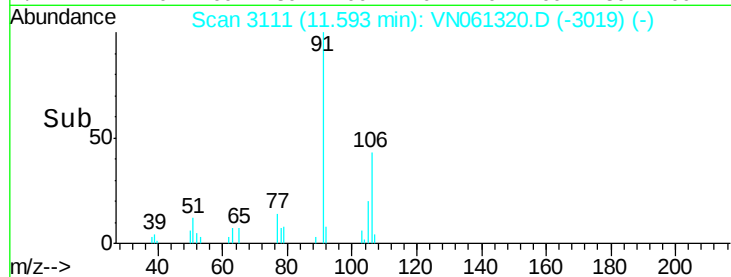
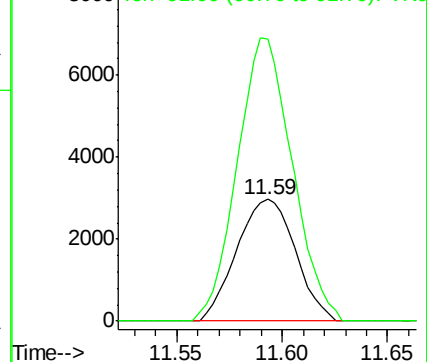
106 100

91 218.4 166.4 249.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0



#69

o-Xylene

Concen: 1.523 ug/l

RT: 11.92 min Scan# 3213

Delta R.T. 0.00 min

Lab File: VN061320.D

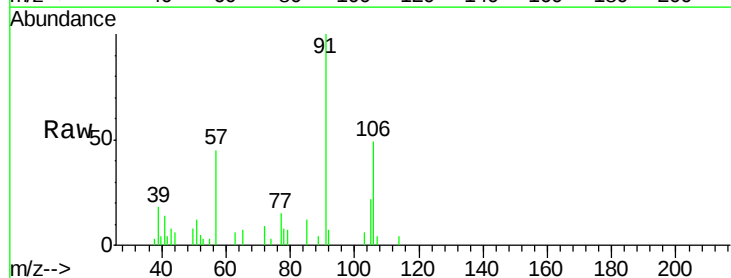
Acq: 6 May 2020 19:18

Tgt Ion:106 Resp: 3801

Ion Ratio Lower Upper

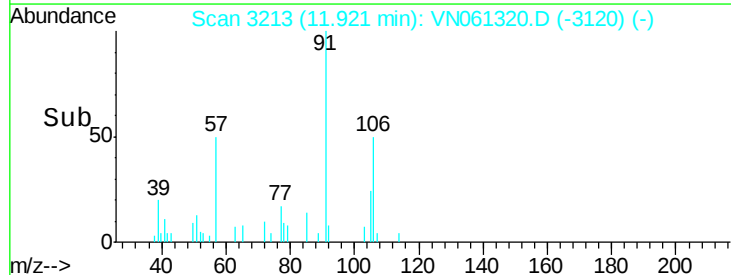
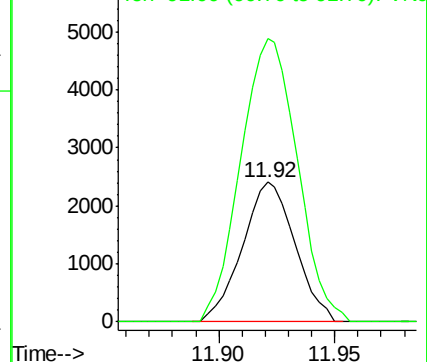
106 100

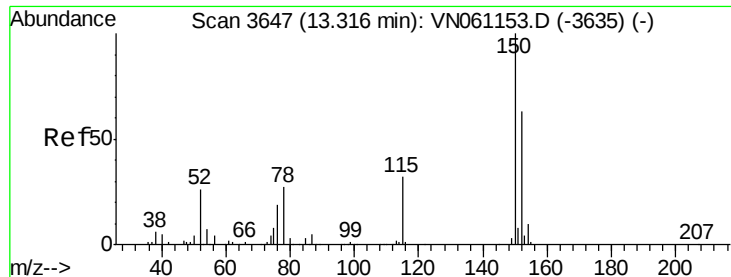
91 217.7 109.7 329.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.32 min Scan# 3647
 Delta R.T. 0.00 min
 Lab File: VN061320.D
 Acq: 6 May 2020 19:18

Instrument :
 MSVOA_N
 ClientSampleId :
 OILY-DEBRIS-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
115	63.7	31.0	93.0
150	158.4	0.0	351.8

