

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN033120\
 Data File : VN060792.D
 Acq On : 31 Mar 2020 17:36
 Operator : JC/MD
 Sample : L2072-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MECHANIC-BUS-LIFT

Quant Time: Apr 01 09:16:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 08:49:09 2020
 Response via : Initial Calibration

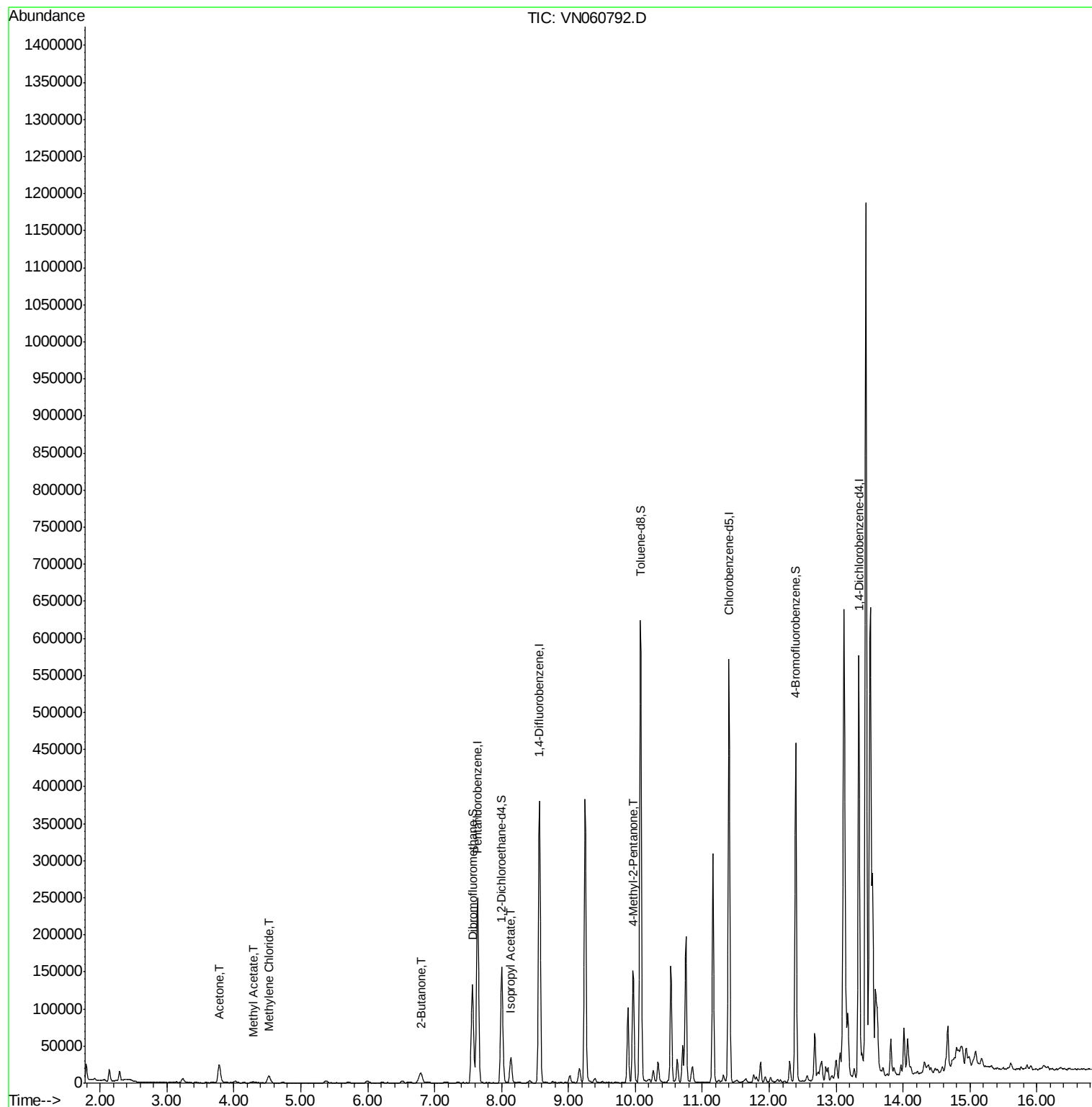
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	204546	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	339737	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	319581	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	149601	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	131776	46.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.86%	
35) Dibromofluoromethane	7.56	113	101003	49.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.34%	
50) Toluene-d8	10.08	98	423324	50.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.90%	
62) 4-Bromofluorobenzene	12.40	95	161333	52.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.92%	
Target Compounds						
16) Acetone	3.78	43	43307	43.541	ug/l	97
18) Methyl Acetate	4.30	43	2844	1.016	ug/l #	70
20) Methylene Chloride	4.52	84	7313	2.989	ug/l	98
25) 2-Butanone	6.80	43	19574	12.162	ug/l	98
43) Isopropyl Acetate	8.14	43	41409	7.064	ug/l #	90
51) 4-Methyl-2-Pentanone	9.97	43	108584	32.551	ug/l	98

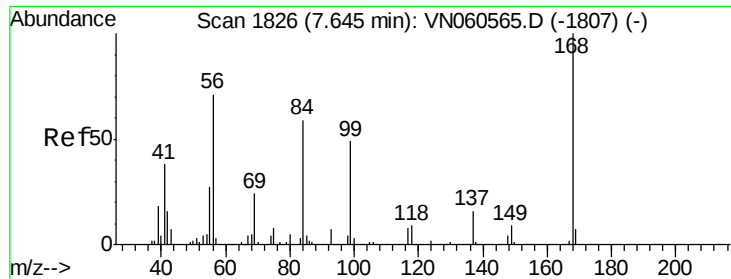
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 18 08:49:09 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060792.D

Acq: 31 Mar 2020 17:36

Instrument :

MSVOA_N

ClientSampleId :

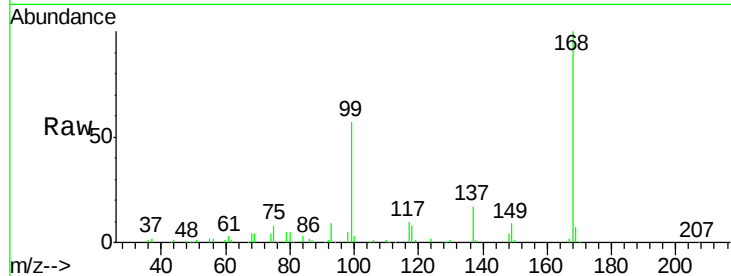
MECHANIC-BUS-LIFT

Tot Ion:168 Resp: 204546

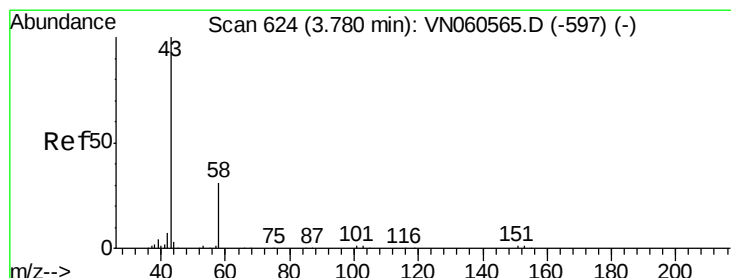
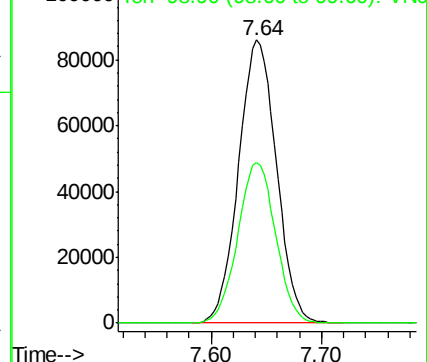
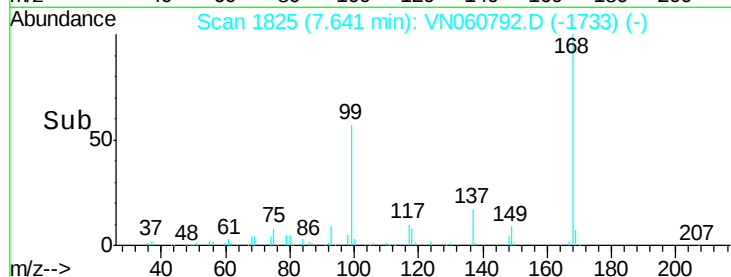
Ion Ratio Lower Upper

168 100

99 56.5 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): VN060792.D (-1733) (-)



#16

Acetone

Concen: 43.541 ug/l

RT: 3.78 min Scan# 624

Delta R.T. -0.00 min

Lab File: VN060792.D

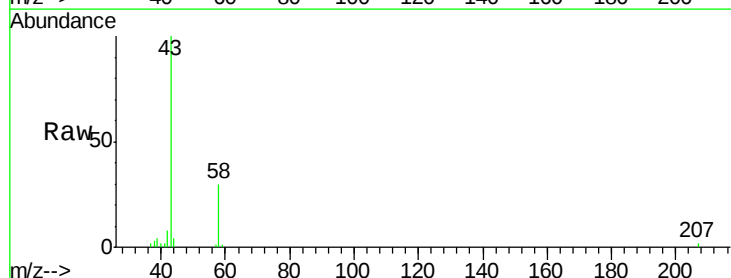
Acq: 31 Mar 2020 17:36

Tgt Ion: 43 Resp: 43307

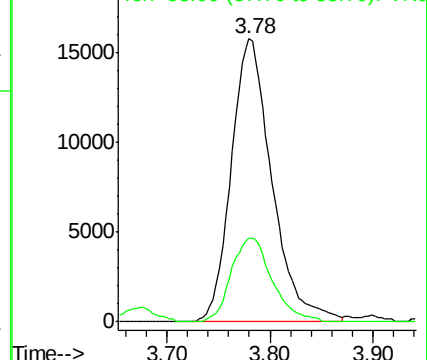
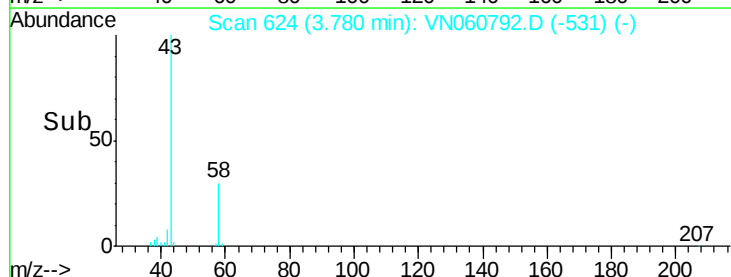
Ion Ratio Lower Upper

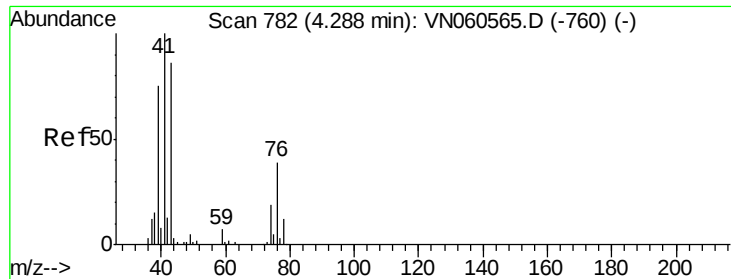
43 100

58 29.8 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VN060792.D (-531) (-)





#18

Methyl Acetate

Concen: 1.016 ug/l

RT: 4.30 min Scan# 785

Delta R.T. 0.01 min

Lab File: VN060792.D

Acq: 31 Mar 2020 17:36

Instrument :

MSVOA_N

ClientSampleId :

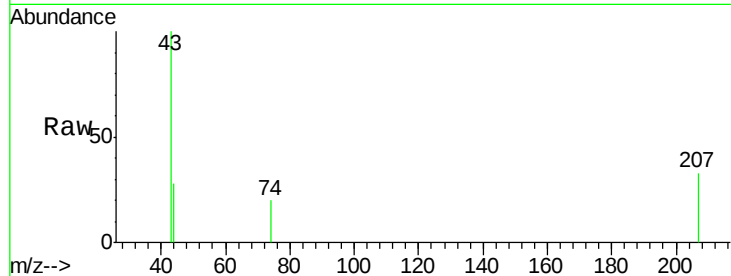
MECHANIC-BUS-LIFT

Tot Ion: 43 Resp: 2844

Ion Ratio Lower Upper

43 100

74 7.4 17.5 26.3#



Abundance Ion 43.00 (42.70 to 43.70): VN060792.D (-689) (-)

Ion 74.00 (73.70 to 74.70): VN060792.D (-689) (-)

4.30

1000

800

600

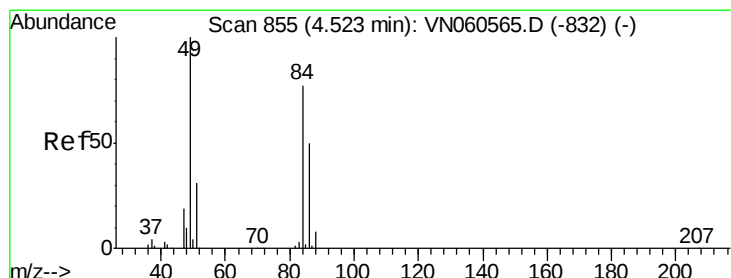
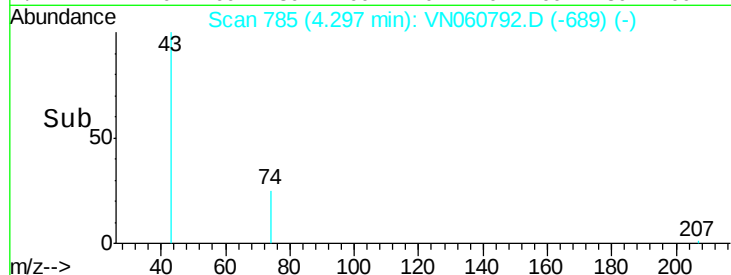
400

200

0

4.20 4.25 4.30 4.35

Time-->



#20

Methylene Chloride

Concen: 2.989 ug/l

RT: 4.52 min Scan# 853

Delta R.T. -0.01 min

Lab File: VN060792.D

Acq: 31 Mar 2020 17:36

Tgt Ion: 84 Resp: 7313

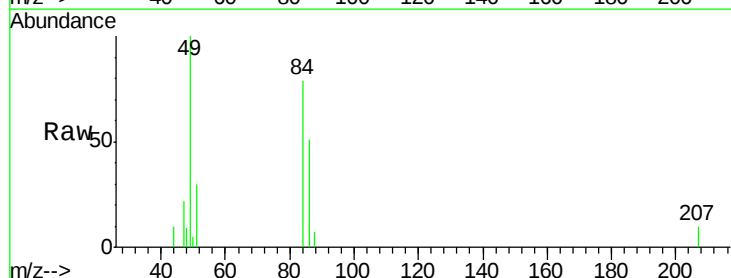
Ion Ratio Lower Upper

84 100

49 126.6 103.3 154.9

51 38.0 31.6 47.4

86 64.8 52.0 78.0



Abundance Ion 83.90 (83.60 to 84.60): VN060792.D (-762) (-)

Ion 48.90 (48.60 to 49.60): VN060792.D (-762) (-)

Ion 50.90 (50.60 to 51.60): VN060792.D (-762) (-)

Ion 85.90 (85.60 to 86.60): VN060792.D (-762) (-)

4.52

5000

4000

3000

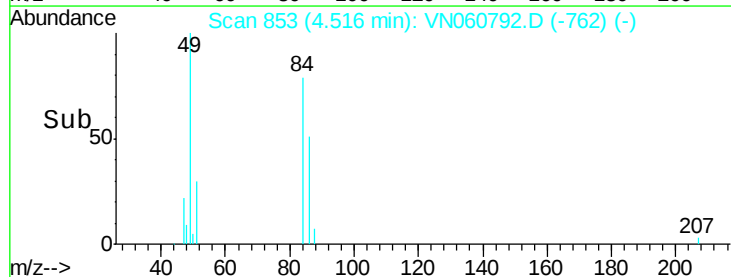
2000

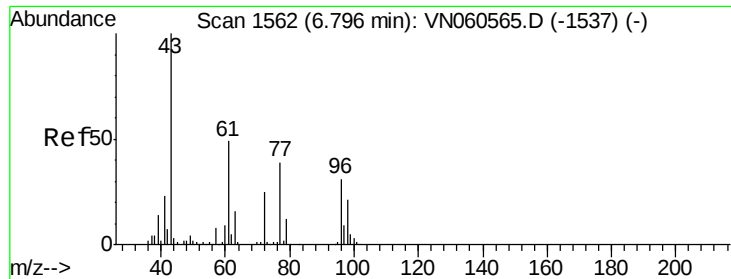
1000

0

4.45 4.50 4.55 4.60

Time-->





#25

2-Butanone

Concen: 12.162 ug/l

RT: 6.80 min Scan# 1564

Delta R.T. 0.01 min

Lab File: VN060792.D

Acq: 31 Mar 2020 17:36

Instrument :

MSVOA_N

ClientSampleId :

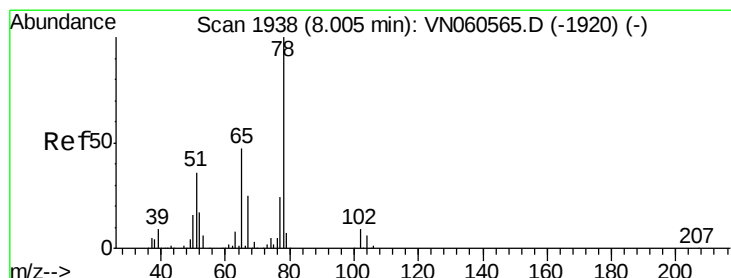
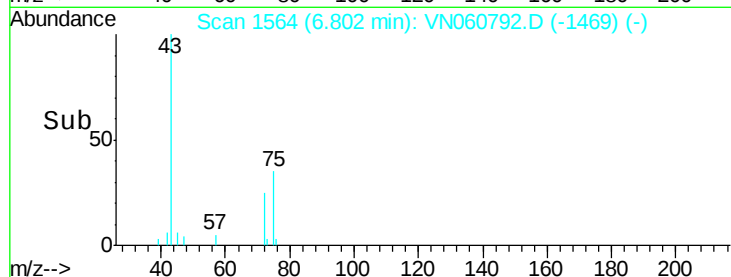
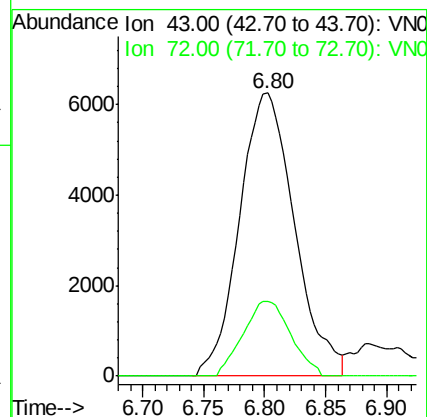
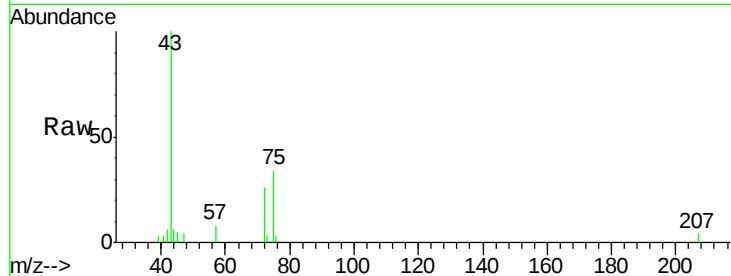
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Tot Ion: 43 Resp: 19574

Ion Ratio Lower Upper

43 100

72 26.3 20.4 30.6



#33

1,2-Dichloroethane-d4

Concen: 46.930 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VN060792.D

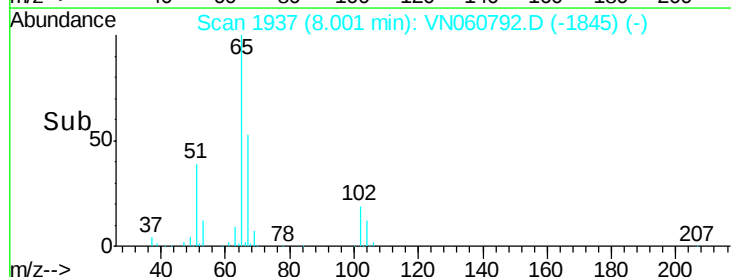
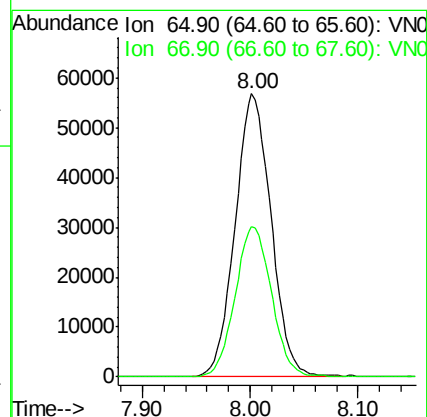
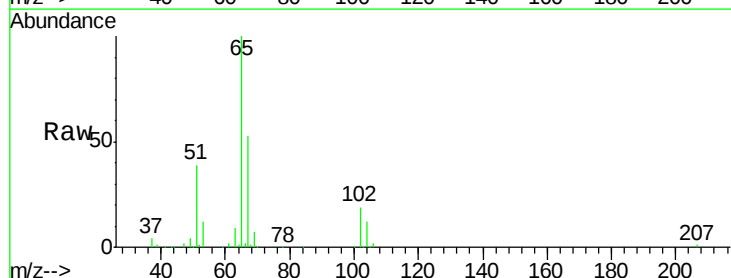
Acq: 31 Mar 2020 17:36

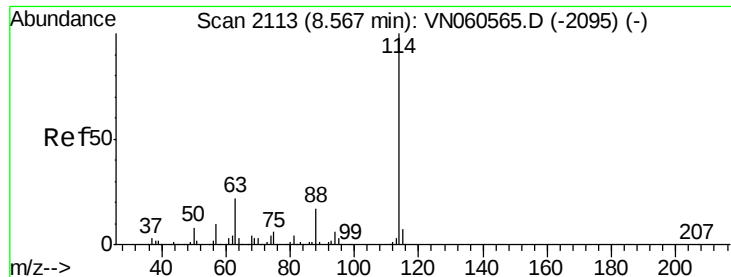
Tgt Ion: 65 Resp: 131776

Ion Ratio Lower Upper

65 100

67 53.7 0.0 107.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.56 min Scan# 2112

Delta R.T. -0.00 min

Lab File: VN060792.D

Acq: 31 Mar 2020 17:36

Instrument :

MSVOA_N

ClientSampleId :

MECHANIC-BUS-LIFT

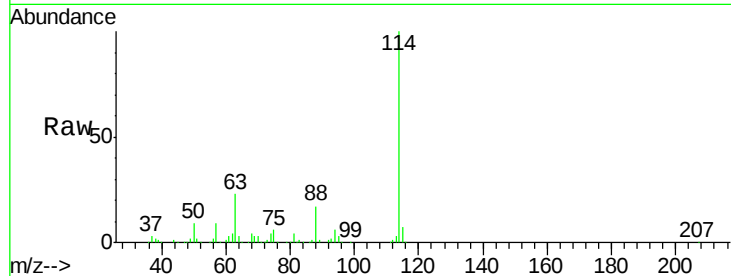
Tot Ion:114 Resp: 339737

Ion Ratio Lower Upper

114 100

63 22.8 0.0 43.8

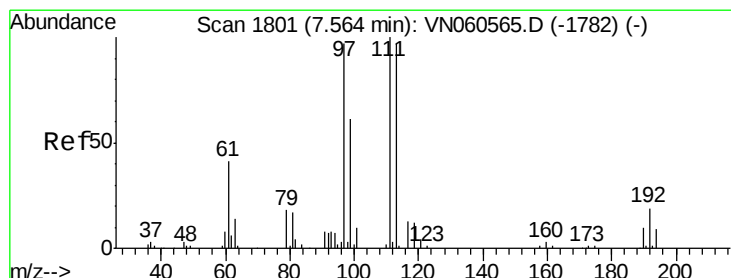
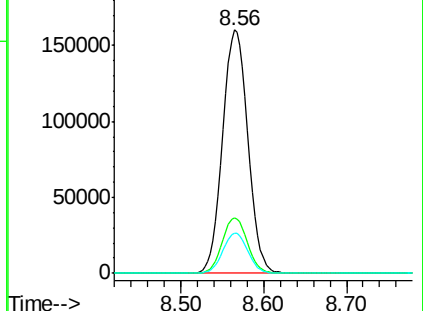
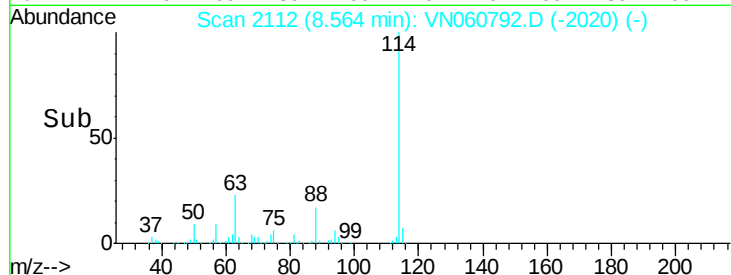
88 16.6 0.0 33.0



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: 49.167 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. -0.00 min

Lab File: VN060792.D

Acq: 31 Mar 2020 17:36

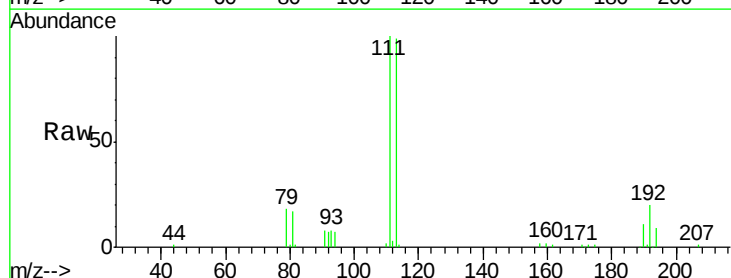
Tgt Ion:113 Resp: 101003

Ion Ratio Lower Upper

113 100

111 103.0 82.9 124.3

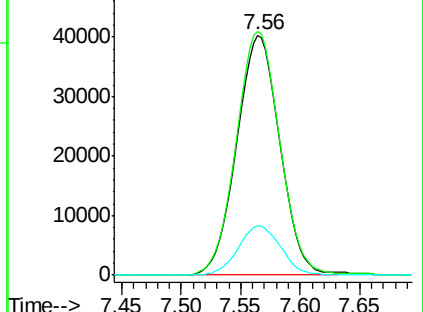
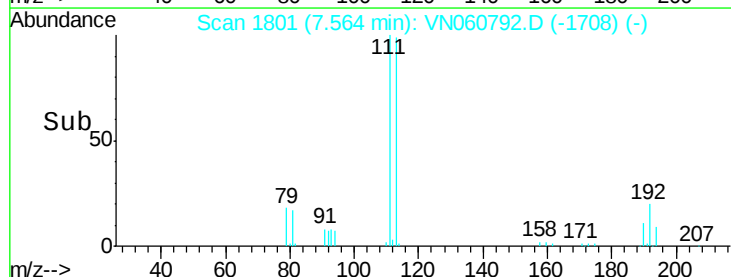
192 20.3 15.8 23.8

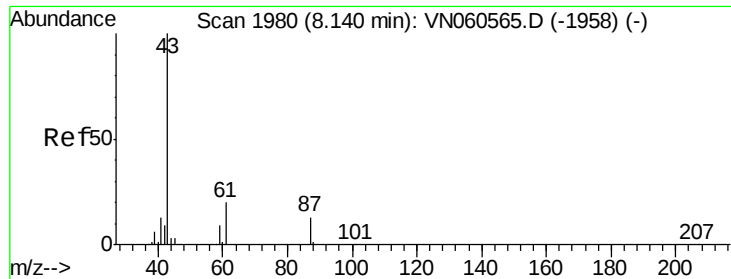


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

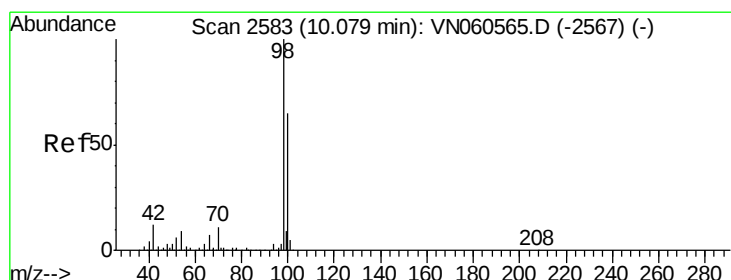
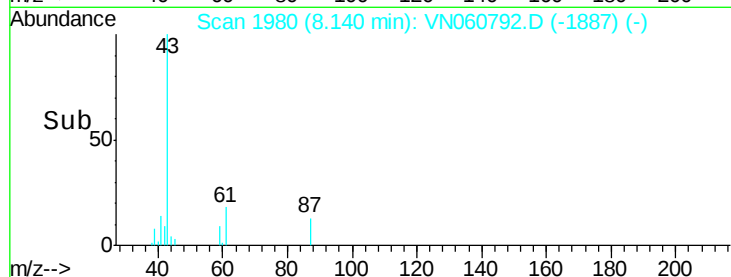
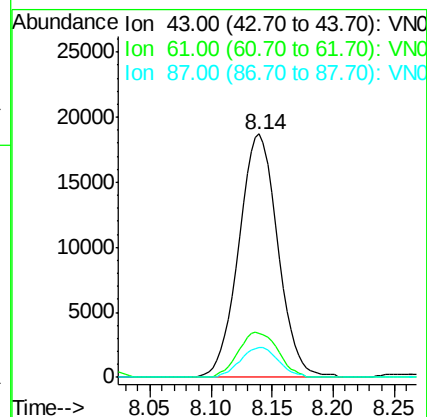
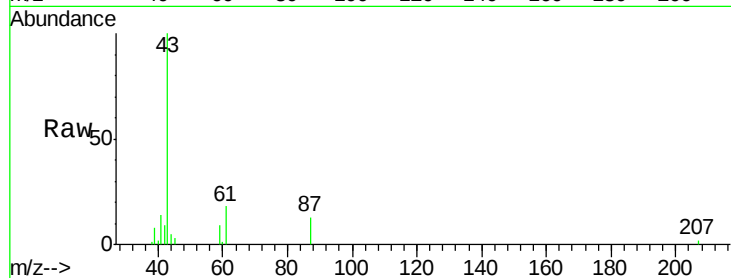




#43
Isopropyl Acetate
Concen: 7.064 ug/l
RT: 8.14 min Scan# 1980
Delta R.T. -0.00 min
Lab File: VN060792.D
Acq: 31 Mar 2020 17:36

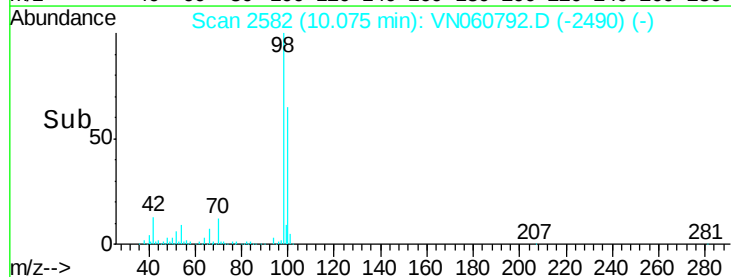
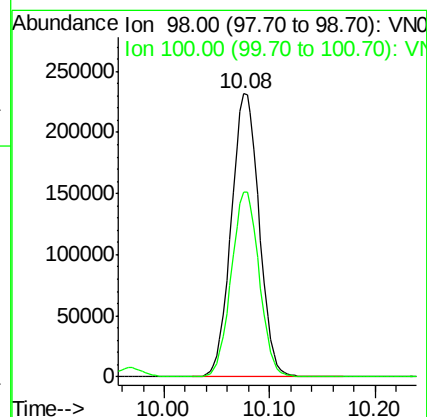
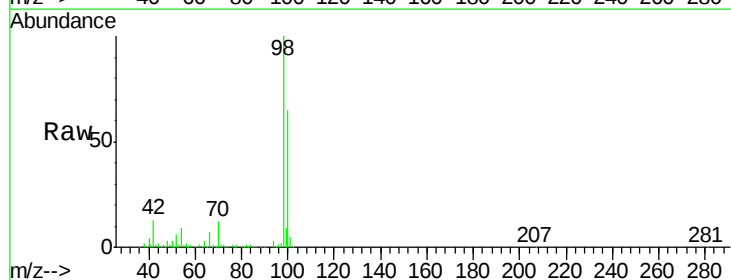
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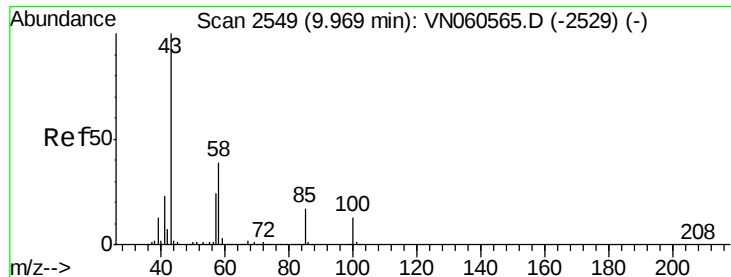
Tot Ion: 43 Resp: 41409
Ion Ratio Lower Upper
43 100
61 18.9 20.7 31.1#
87 12.0 9.8 14.8



#50
Toluene-d8
Concen: 50.450 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. -0.00 min
Lab File: VN060792.D
Acq: 31 Mar 2020 17:36

Tgt Ion: 98 Resp: 423324
Ion Ratio Lower Upper
98 100
100 65.4 51.8 77.8

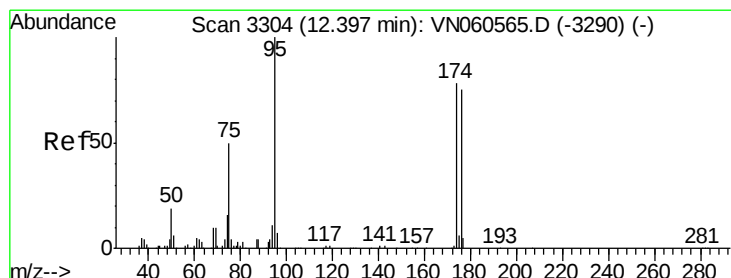
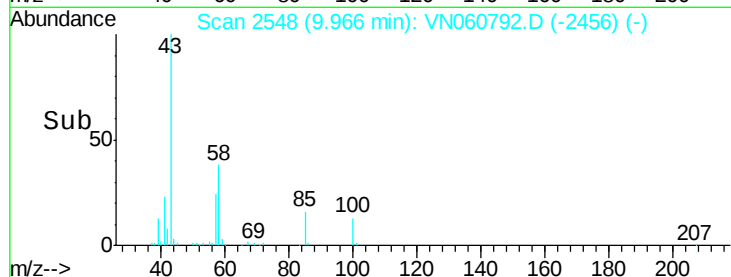
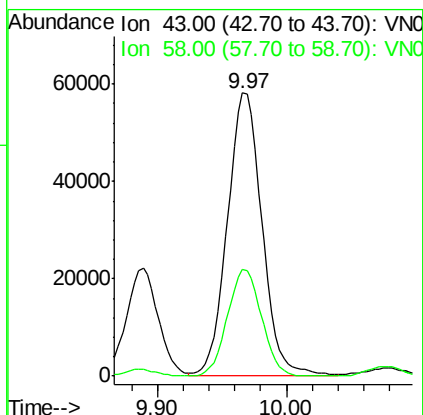
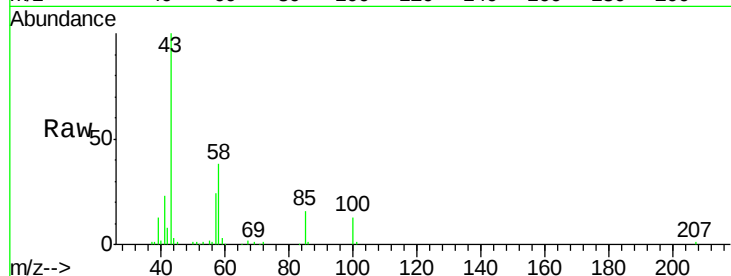




#51
4-Methyl-2-Pentanone
Concen: 32.551 ug/l
RT: 9.97 min Scan# 2548
Delta R.T. -0.00 min
Lab File: VN060792.D
Acq: 31 Mar 2020 17:36

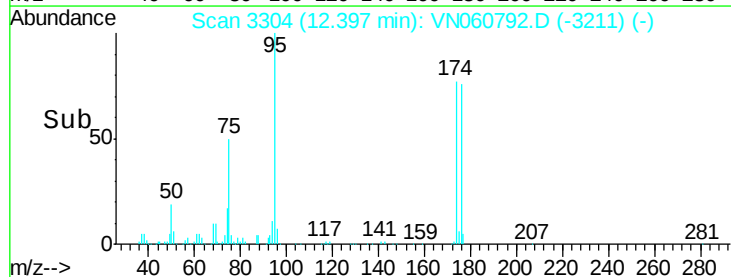
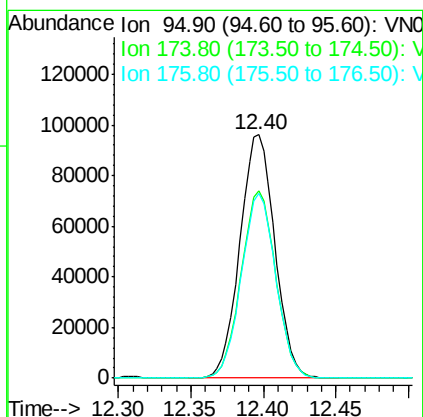
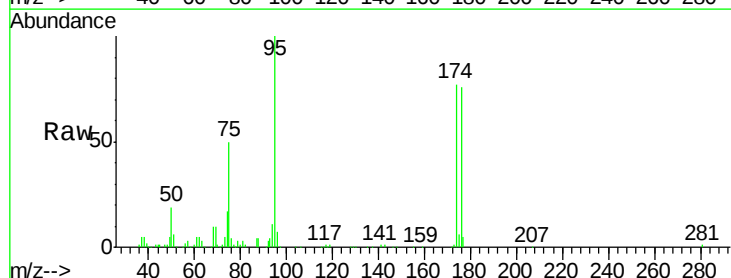
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MECHANIC-BUS-LIFT

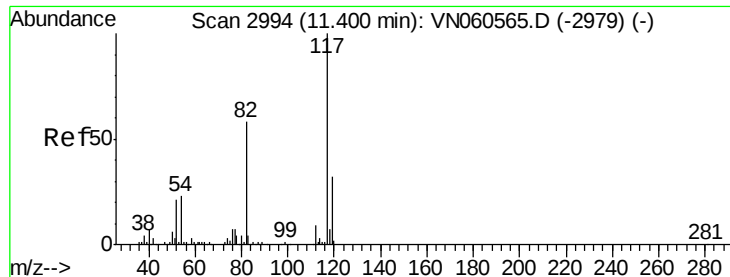
Tot Ion: 43 Resp: 108584
Ion Ratio Lower Upper
43 100
58 37.0 30.8 46.2



#62
4-Bromofluorobenzene
Concen: 52.463 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. -0.00 min
Lab File: VN060792.D
Acq: 31 Mar 2020 17:36

Tgt Ion: 95 Resp: 161333
Ion Ratio Lower Upper
95 100
174 76.3 0.0 157.6
176 74.9 0.0 150.6

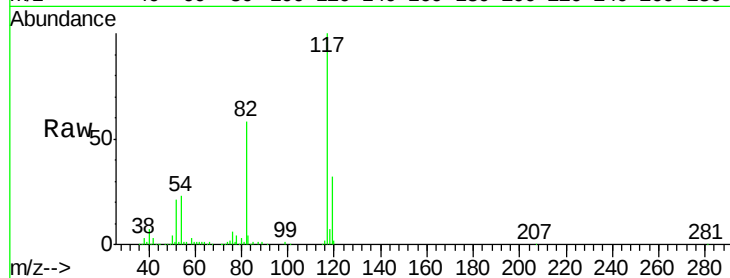




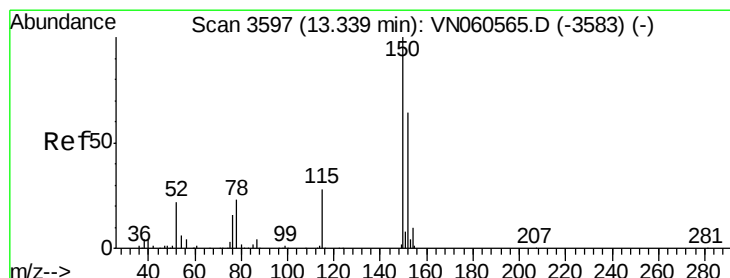
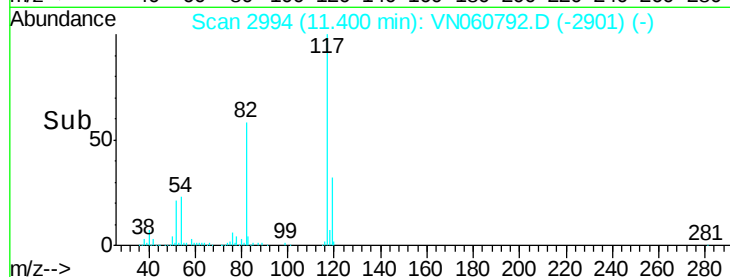
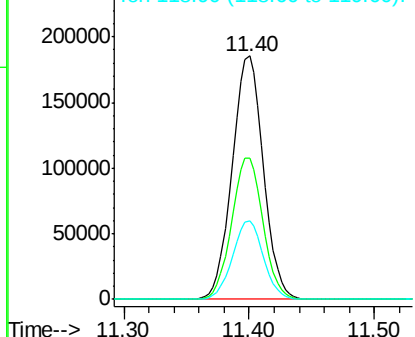
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN060792.D
Acq: 31 Mar 2020 17:36

Instrument :
MSVOA_N
ClientSampleId :
MECHANIC-BUS-LIFT

Tot Ion:117 Resp: 319581
Ion Ratio Lower Upper
117 100
82 57.9 46.7 70.1
119 32.4 25.5 38.3

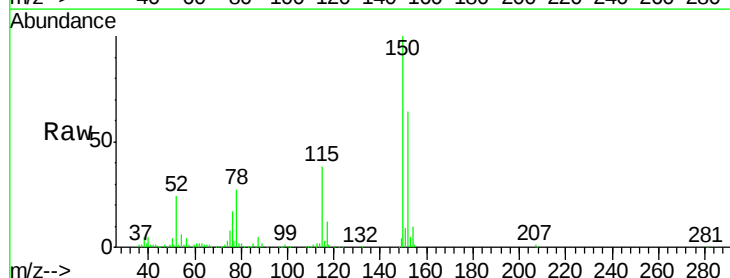


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. -0.00 min
Lab File: VN060792.D
Acq: 31 Mar 2020 17:36

Tgt Ion:152 Resp: 149601
Ion Ratio Lower Upper
152 100
115 59.9 30.2 90.6
150 156.4 0.0 350.2



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

