

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042419\
 Data File : VN055223.D
 Acq On : 24 Apr 2019 13:11
 Operator : JC/SP
 Sample : K2542-16
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-11

Quant Time: Apr 25 05:13:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042219W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 05:52:53 2019
 Response via : Initial Calibration

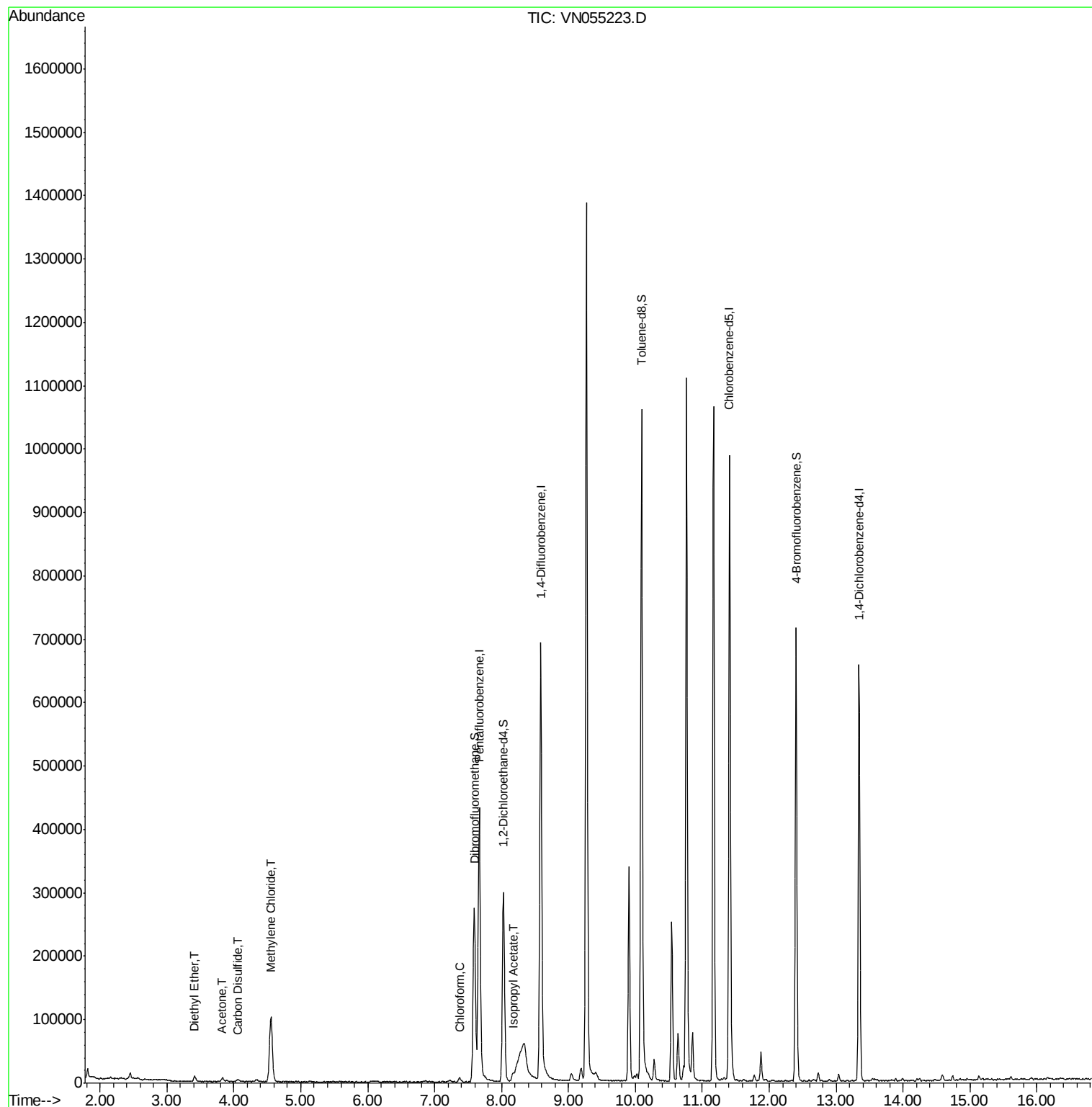
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	364235	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	638056	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	579657	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	180857	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	254306	51.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.16%	
35) Dibromofluoromethane	7.59	113	206431	47.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.24%	
50) Toluene-d8	10.09	98	780269	48.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.16%	
62) 4-Bromofluorobenzene	12.40	95	244956	48.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.32%	
Target Compounds						
8) Diethyl Ether	3.41	74	3985	1.782	ug/l	87
16) Acetone	3.82	43	10321	6.333	ug/l	91
17) Carbon Disulfide	4.05	76	5081	0.485	ug/l	100
20) Methylene Chloride	4.55	84	70956	15.144	ug/l	99
30) Chloroform	7.37	83	6723	0.890	ug/l	88
43) Isopropyl Acetate	8.17	43	16945	2.189	ug/l #	88

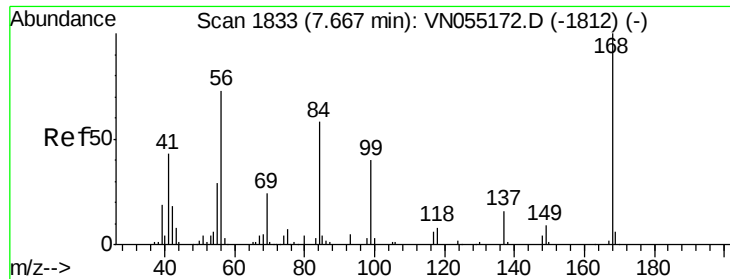
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN055223.D

Acq: 24 Apr 2019 13:11

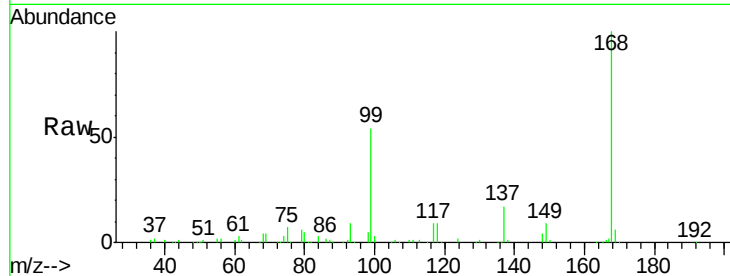
Instrument :
MSVOA_N
ClientSampled :
TP-11

Tot Ion:168 Resp: 364235

Ion Ratio Lower Upper

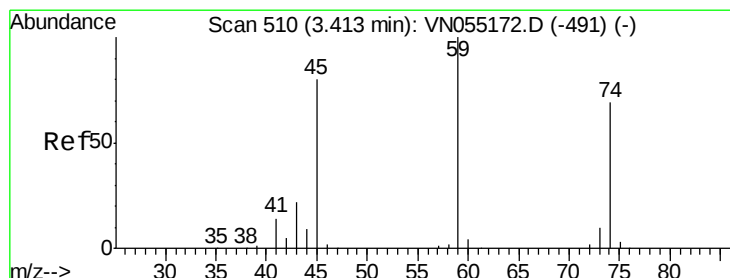
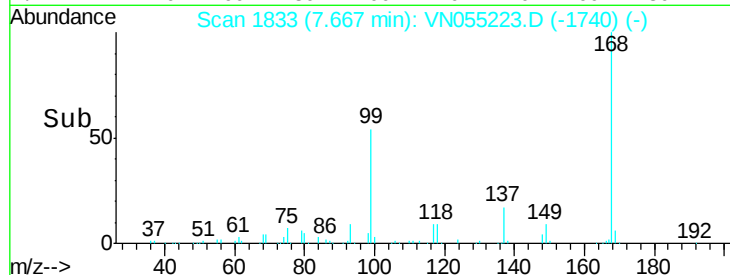
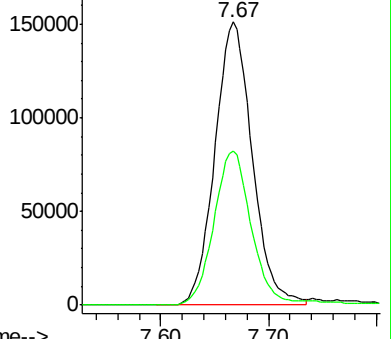
168 100

99 54.4 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#8

Diethyl Ether

Concen: 1.782 ug/l

RT: 3.41 min Scan# 509

Delta R.T. -0.00 min

Lab File: VN055223.D

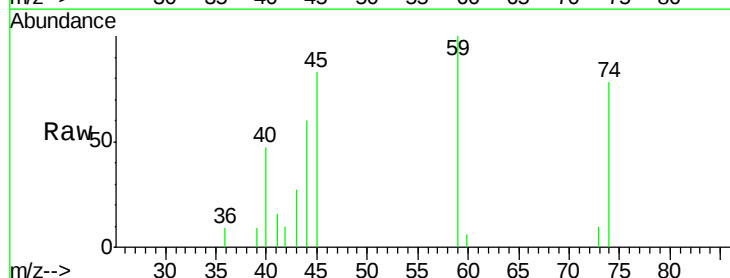
Acq: 24 Apr 2019 13:11

Tgt Ion: 74 Resp: 3985

Ion Ratio Lower Upper

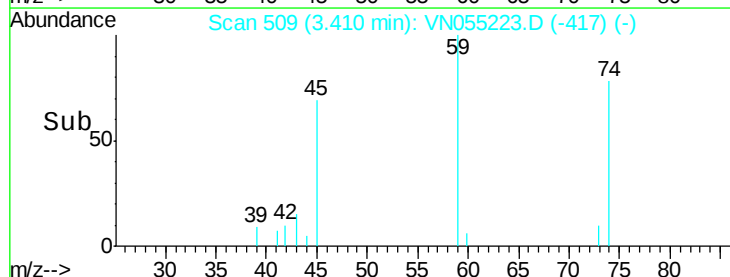
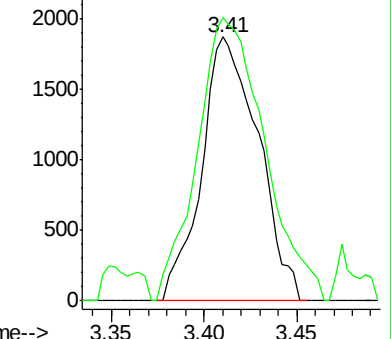
74 100

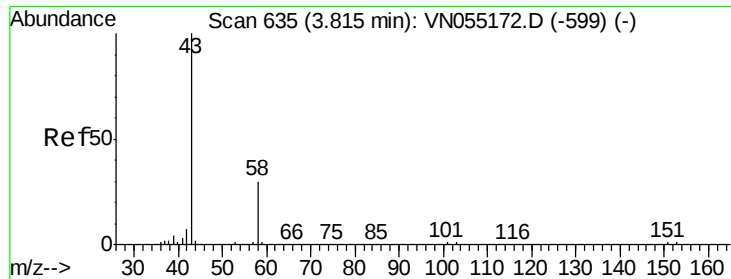
45 127.5 56.9 170.6



Abundance Ion 74.00 (73.70 to 74.70): VNO

Ion 45.00 (44.70 to 45.70): VNO





#16

Acetone

Concen: 6.333 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN055223.D

Acq: 24 Apr 2019 13:11

Instrument :

MSVOA_N

ClientSampled :

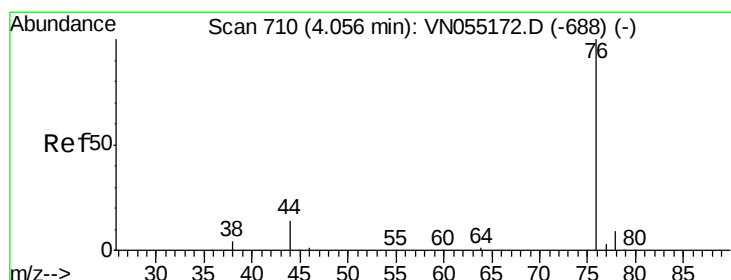
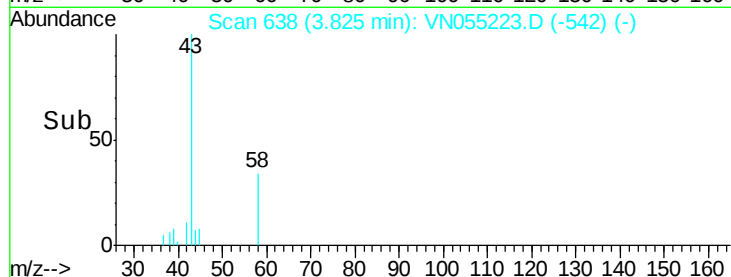
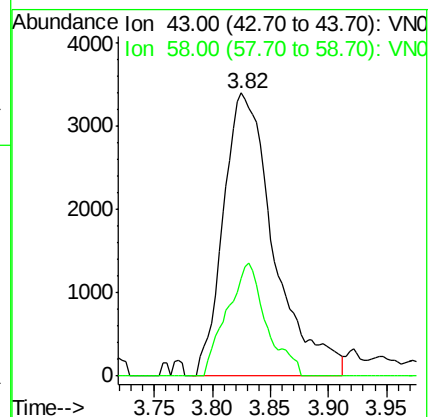
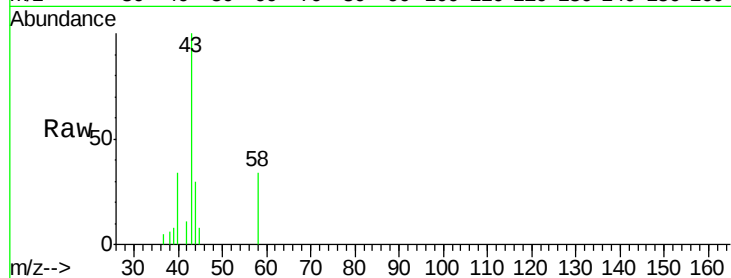
TP-11

Tot Ion: 43 Resp: 10321

Ion Ratio Lower Upper

43 100

58 34.5 23.8 35.8



#17

Carbon Disulfide

Concen: 0.485 ug/l

RT: 4.05 min Scan# 709

Delta R.T. -0.00 min

Lab File: VN055223.D

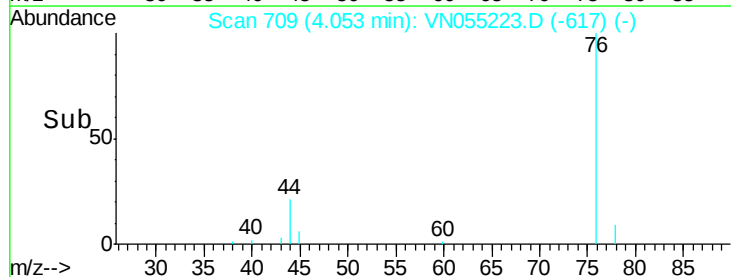
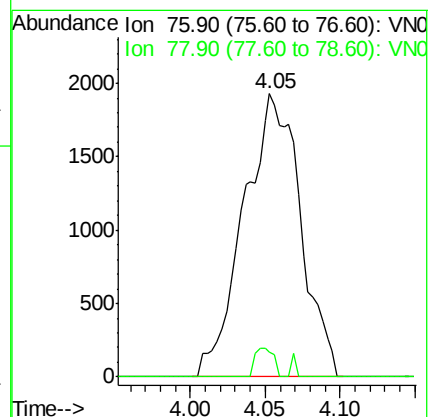
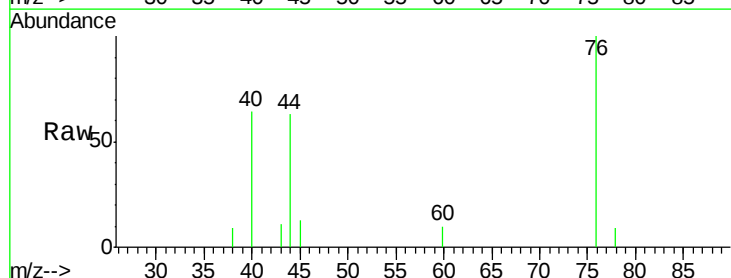
Acq: 24 Apr 2019 13:11

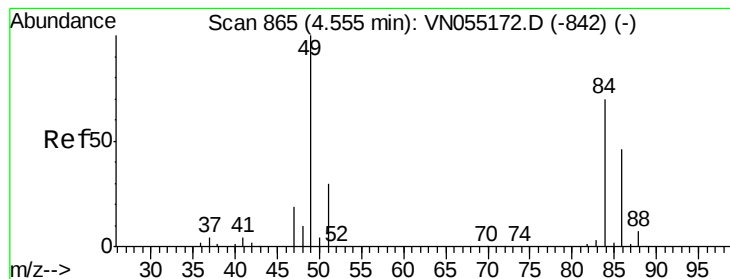
Tgt Ion: 76 Resp: 5081

Ion Ratio Lower Upper

76 100

78 9.0 7.3 10.9





#20

Methylene Chloride

Concen: 15.144 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.00 min

Lab File: VN055223.D

Acq: 24 Apr 2019 13:11

Instrument :

MSVOA_N

ClientSampled :

TP-11

Tot Ion: 84 Resp: 70956

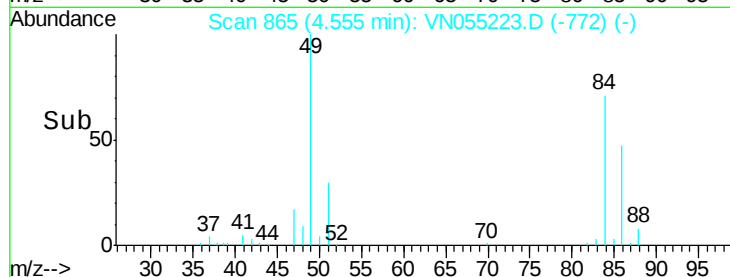
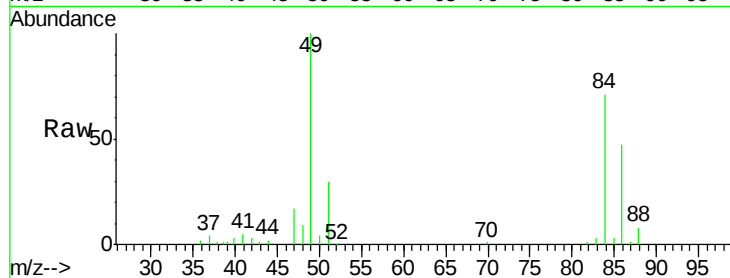
Ion Ratio Lower Upper

84 100

49 140.7 113.8 170.6

51 42.0 34.0 51.0

86 65.9 52.3 78.5

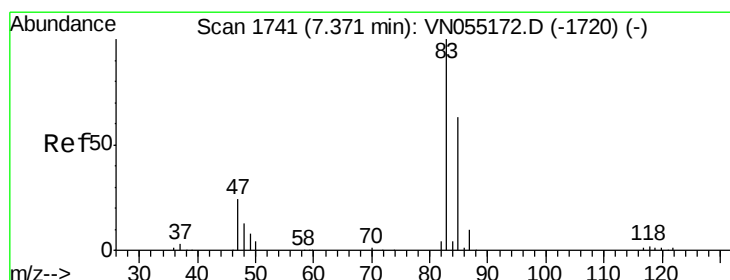
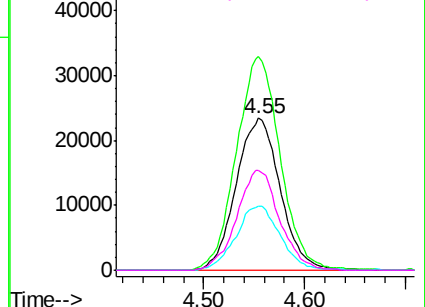


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#30

Chloroform

Concen: 0.890 ug/l

RT: 7.37 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VN055223.D

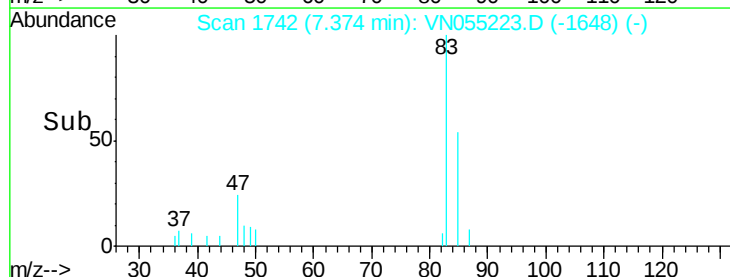
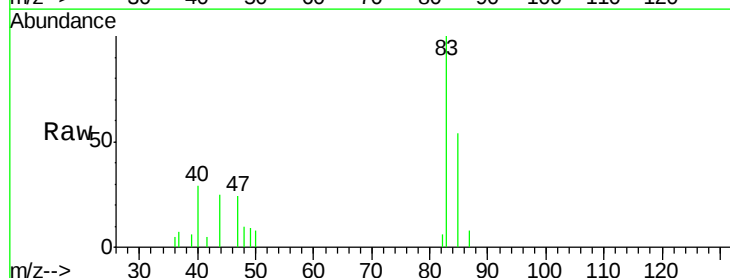
Acq: 24 Apr 2019 13:11

Tgt Ion: 83 Resp: 6723

Ion Ratio Lower Upper

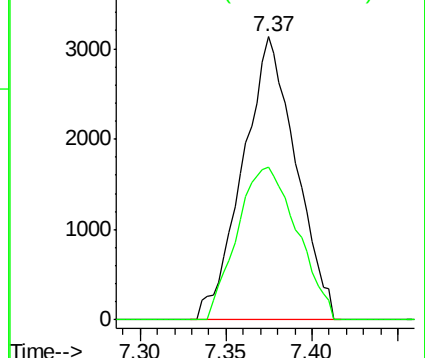
83 100

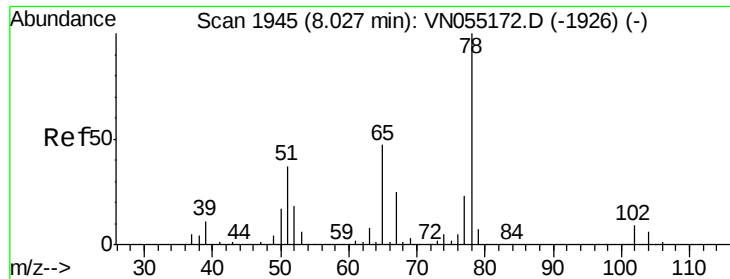
85 54.2 50.6 76.0



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

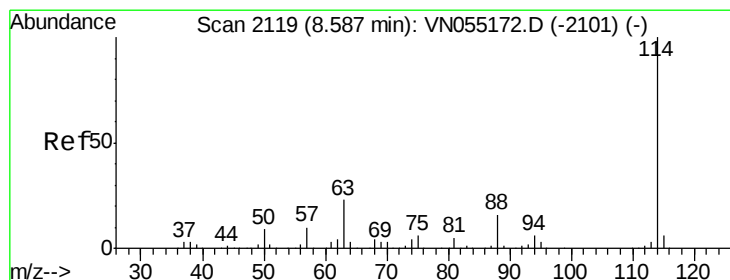
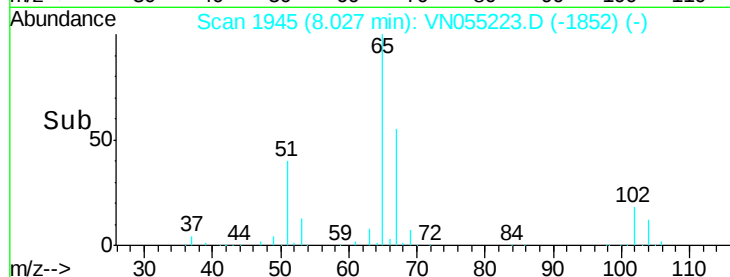
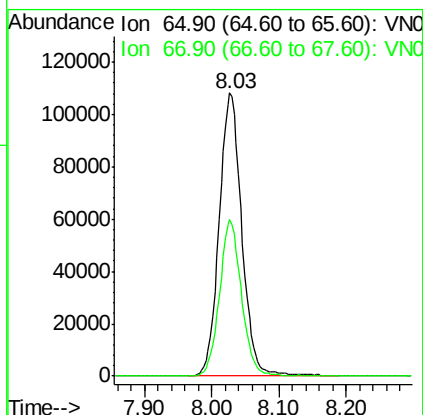
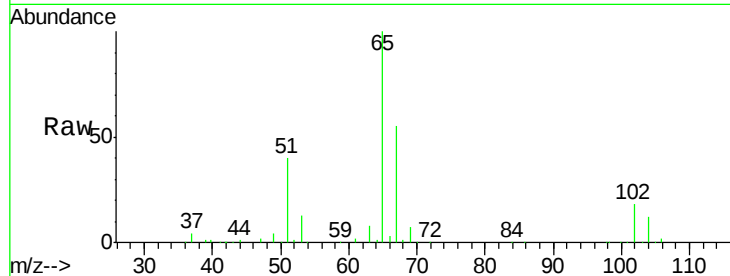




#33
 1,2-Dichloroethane-d4
 Concen: 51.583 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN055223.D
 Acq: 24 Apr 2019 13:11

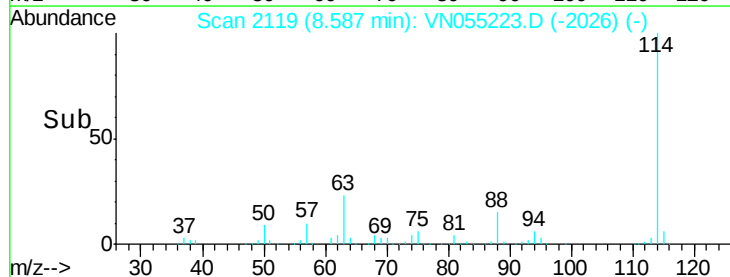
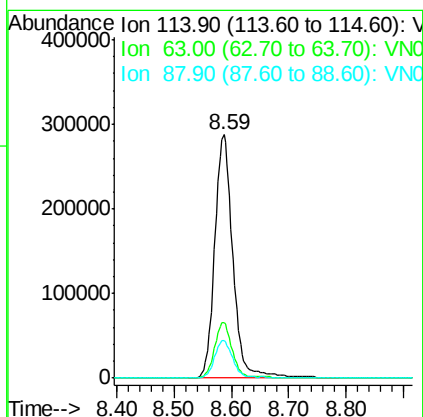
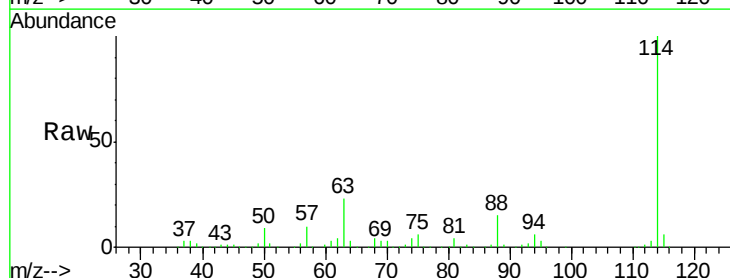
Instrument :
 MSVOA_N
 ClientSampled :
 TP-11

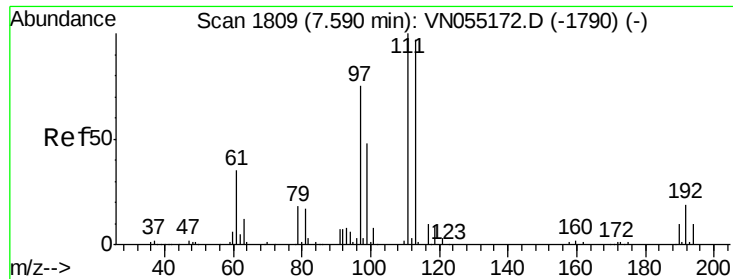
Tot Ion: 65 Resp: 254306
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055223.D
 Acq: 24 Apr 2019 13:11

Tgt Ion: 114 Resp: 638056
 Ion Ratio Lower Upper
 114 100
 63 22.9 0.0 45.2
 88 15.5 0.0 32.8

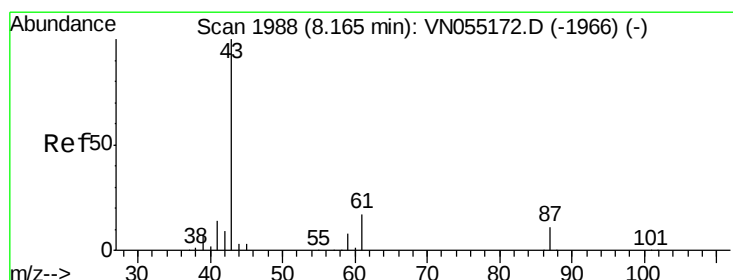
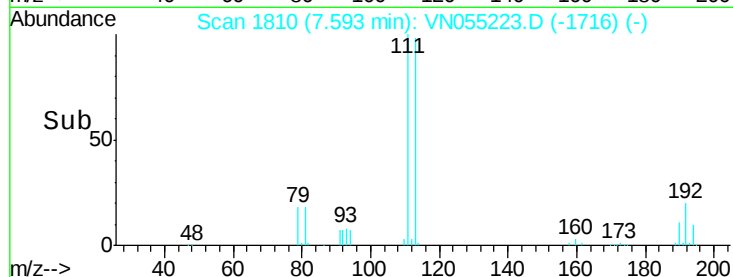
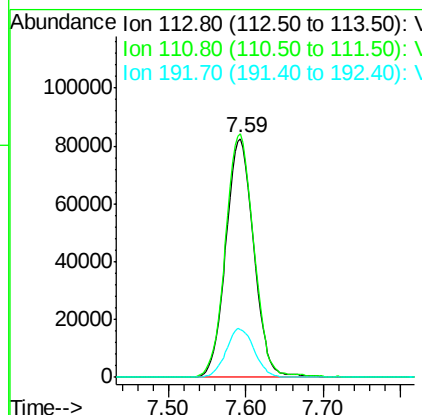
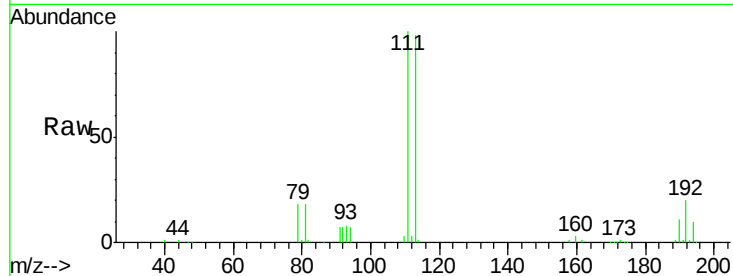




#35
 Dibromofluoromethane
 Concen: 47.624 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN055223.D
 Acq: 24 Apr 2019 13:11

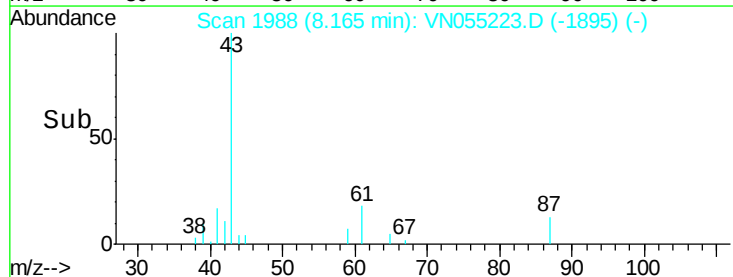
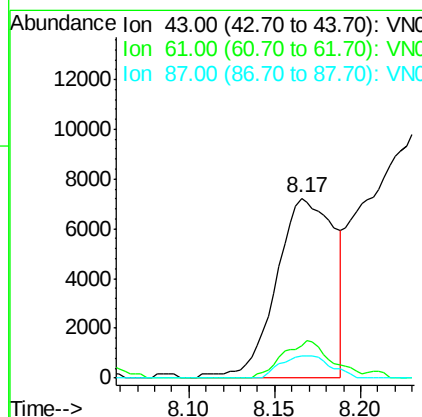
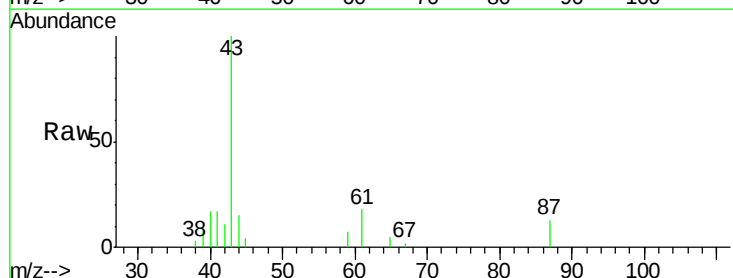
Instrument :
 MSVOA_N
 ClientSampled :
 TP-11

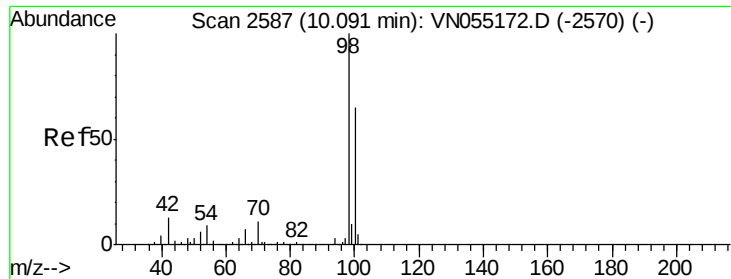
Tot Ion:113 Resp: 206431
 Ion Ratio Lower Upper
 113 100
 111 102.7 81.0 121.4
 192 20.6 16.2 24.4



#43
 Isopropyl Acetate
 Concen: 2.189 ug/l
 RT: 8.17 min Scan# 1988
 Delta R.T. 0.00 min
 Lab File: VN055223.D
 Acq: 24 Apr 2019 13:11

Tgt Ion: 43 Resp: 16945
 Ion Ratio Lower Upper
 43 100
 61 17.3 20.6 30.8#
 87 10.7 8.8 13.2





#50

Toluene-d8

Concen: 48.583 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055223.D

Acq: 24 Apr 2019 13:11

Instrument :

MSVOA_N

ClientSampled :

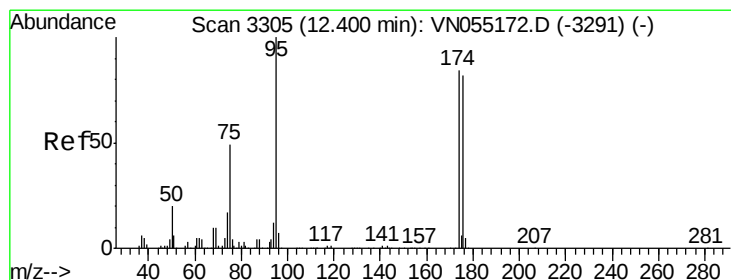
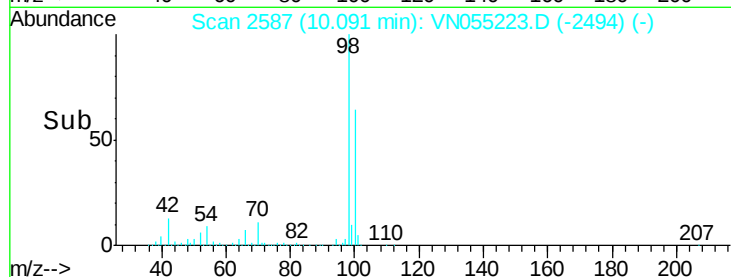
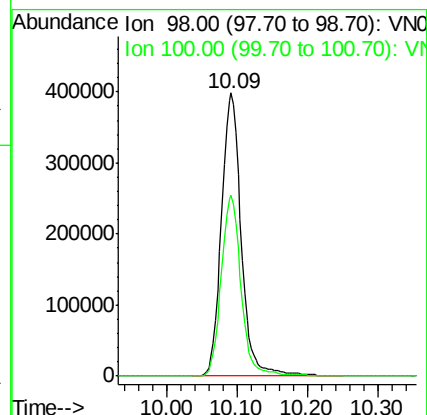
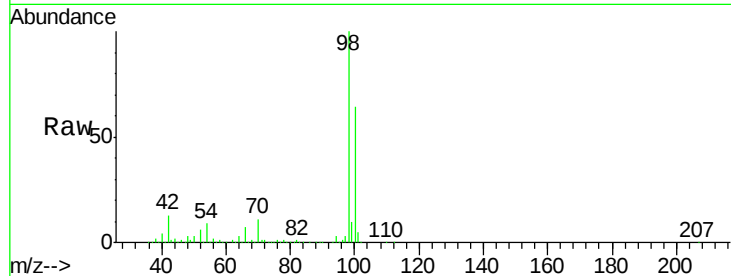
TP-11

Tot Ion: 98 Resp: 780269

Ion Ratio Lower Upper

98 100

100 64.0 51.8 77.6



#62

4-Bromofluorobenzene

Concen: 48.164 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055223.D

Acq: 24 Apr 2019 13:11

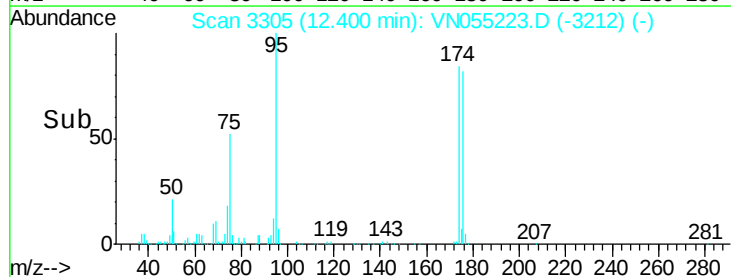
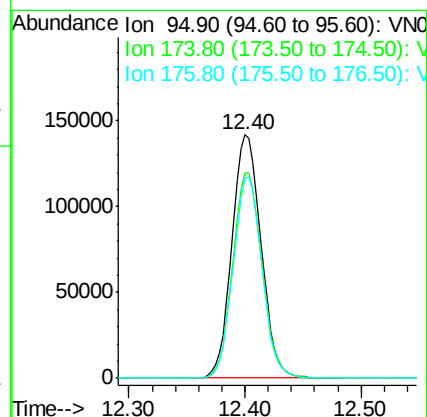
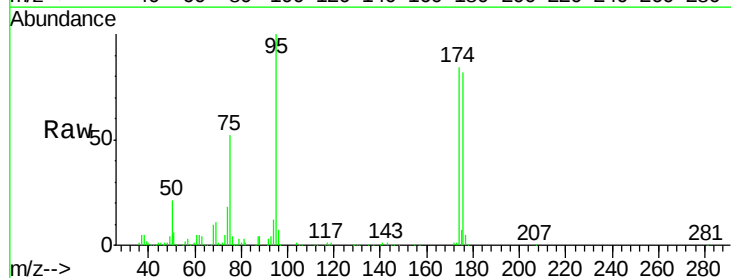
Tgt Ion: 95 Resp: 244956

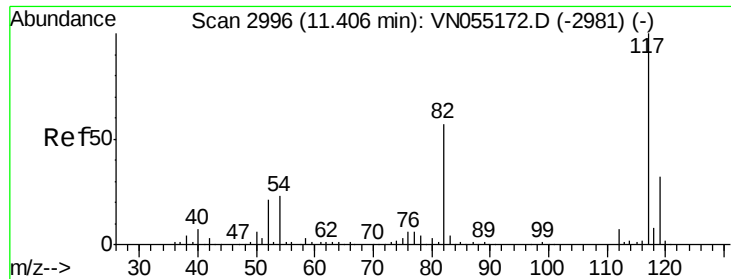
Ion Ratio Lower Upper

95 100

174 84.9 0.0 168.4

176 81.6 0.0 164.0

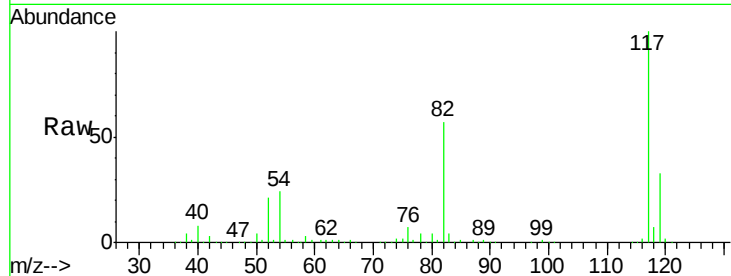




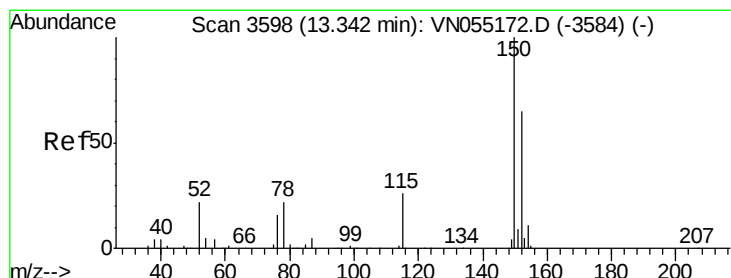
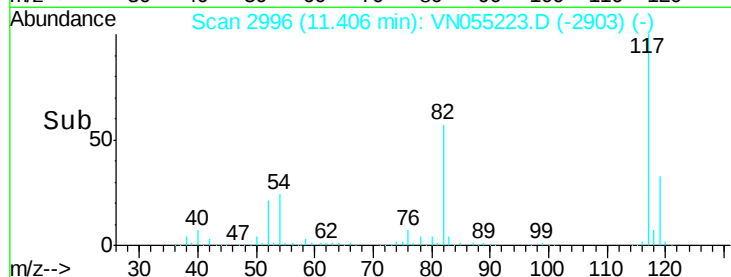
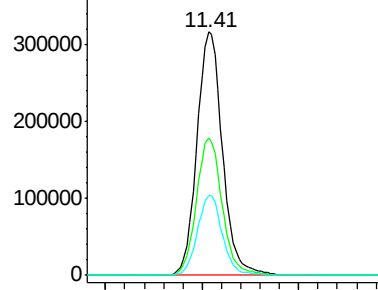
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055223.D
Acq: 24 Apr 2019 13:11

Instrument :
MSVOA_N
ClientSampleId :
TP-11

Tot Ion:117 Resp: 579657
Ion Ratio Lower Upper
117 100
82 56.7 45.7 68.5
119 33.0 25.4 38.2

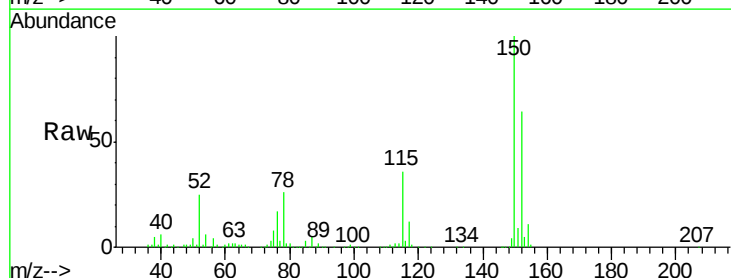


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN055223.D
Acq: 24 Apr 2019 13:11

Tgt Ion:152 Resp: 180857
Ion Ratio Lower Upper
152 100
115 57.3 28.9 86.7
150 155.1 0.0 346.6



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

