

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY021120\
 Data File : VY001602.D
 Acq On : 11 Feb 2020 16:21
 Operator : SY/MD
 Sample : L1488-06
 Misc : 6.01G/5ML/MSVOA Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LF012-TL-SP-200207

Quant Time: Feb 12 08:22:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y020420S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 04 15:10:08 2020
 Response via : Initial Calibration

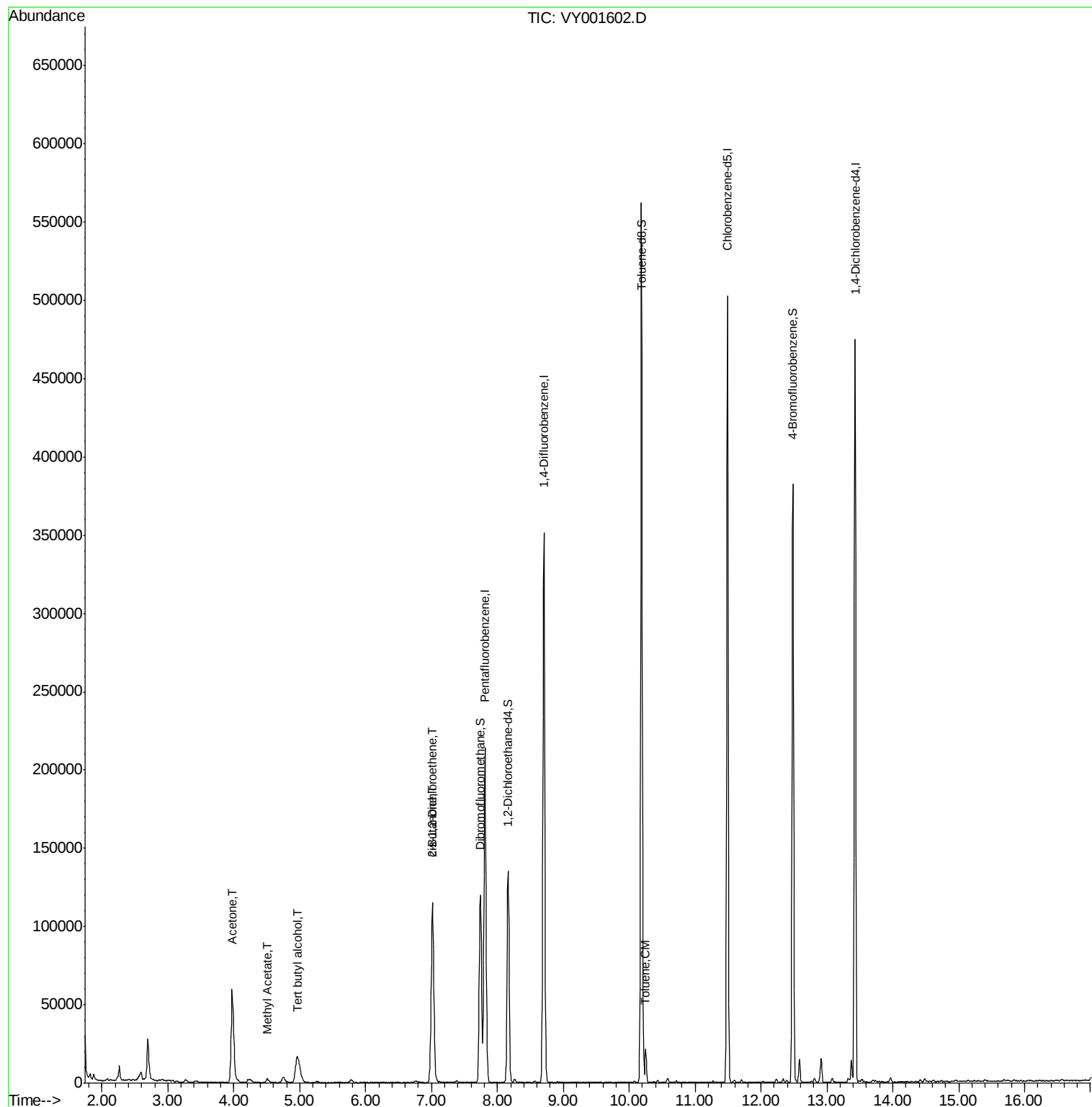
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	166399	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	301343	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	266413	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	117790	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	100868	60.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.42%	
35) Dibromofluoromethane	7.74	113	85510	49.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.42%	
50) Toluene-d8	10.19	98	360494	54.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.66%	
62) 4-Bromofluorobenzene	12.48	95	120862	46.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.34%	
Target Compounds						
11) Tert butyl alcohol	4.97	59	28184	133.889	ug/l #	92
16) Acetone	3.97	43	104120	214.846	ug/l	98
18) Methyl Acetate	4.51	43	4856	4.695	ug/l #	75
25) 2-Butanone	7.02	43	9635	15.325	ug/l	97
27) cis-1,2-Dichloroethene	7.01	96	48905	23.023	ug/l	92
52) Toluene	10.25	92	8420	1.688	ug/l	100

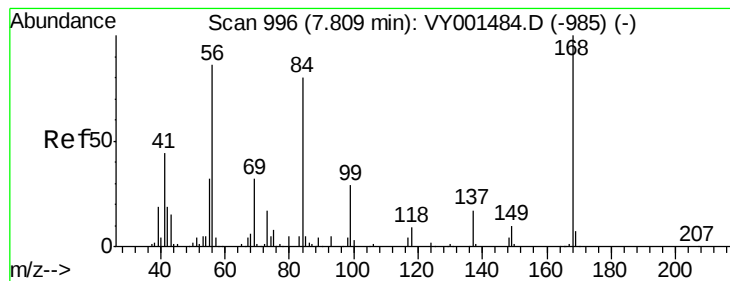
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY021120\
Data File : VY001602.D
Acq On : 11 Feb 2020 16:21
Operator : SY/MD
Sample : L1488-06
Misc : 6.01G/5ML/MSVOA Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
LF012-TL-SP-200207

Quant Time: Feb 12 08:22:06 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y020420S.M
Quant Title : SW846 8260
QLast Update : Tue Feb 04 15:10:08 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.01 min

Lab File: VY001602.D

Acq: 11 Feb 2020 16:21

Instrument :

MSVOA_Y

ClientSampleId :

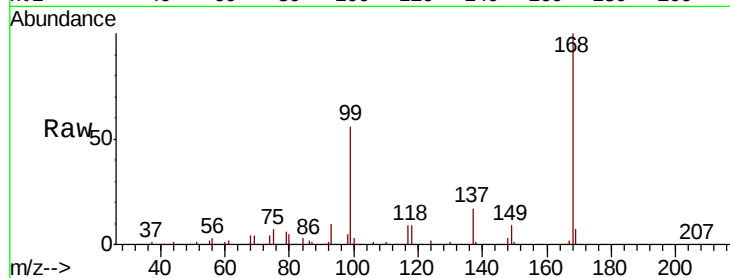
LF012-TL-SP-200207

Tot Ion:168 Resp: 166399

Ion Ratio Lower Upper

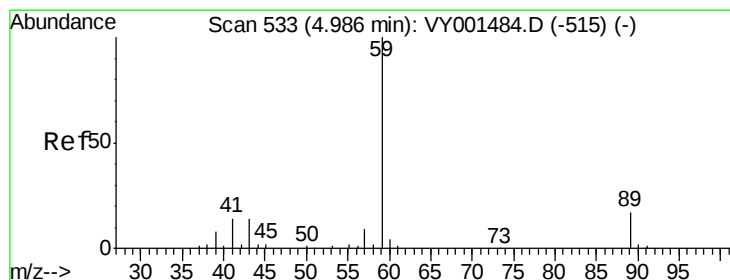
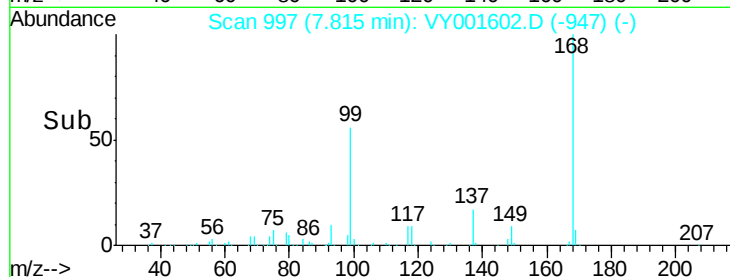
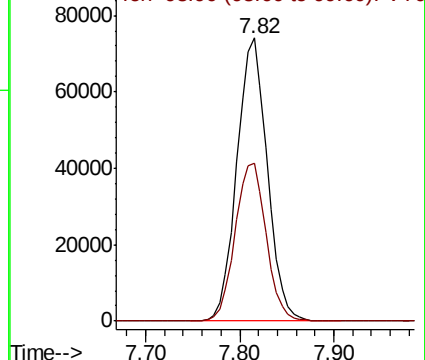
168 100

99 55.7 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VY001602.D (-947) (-)

Ion 98.90 (98.60 to 99.60): VY001602.D (-947) (-)



#11

Tert butyl alcohol

Concen: 133.889 ug/l

RT: 4.97 min Scan# 531

Delta R.T. -0.01 min

Lab File: VY001602.D

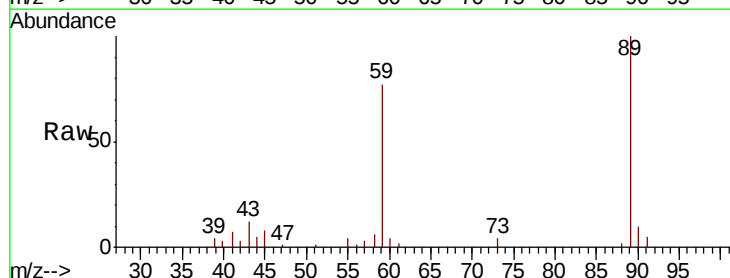
Acq: 11 Feb 2020 16:21

Tgt Ion: 59 Resp: 28184

Ion Ratio Lower Upper

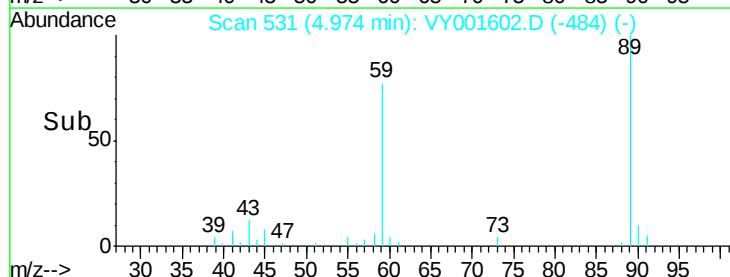
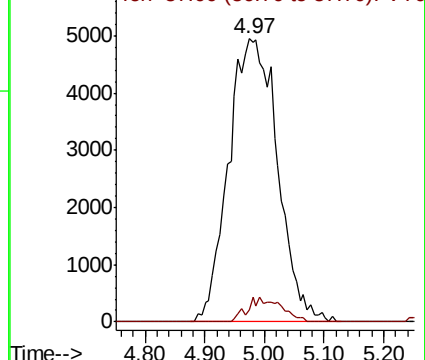
59 100

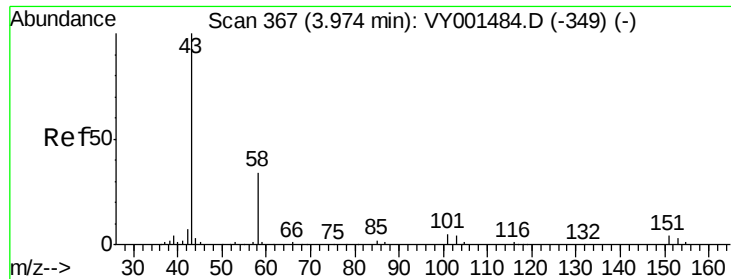
57 6.0 7.0 10.6#



Abundance Ion 59.00 (58.70 to 59.70): VY001602.D (-484) (-)

Ion 57.00 (56.70 to 57.70): VY001602.D (-484) (-)





#16

Acetone

Concen: 214.846 ug/l

RT: 3.97 min Scan# 367

Delta R.T. -0.00 min

Lab File: VY001602.D

Acq: 11 Feb 2020 16:21

Instrument :

MSVOA_Y

ClientSampleId :

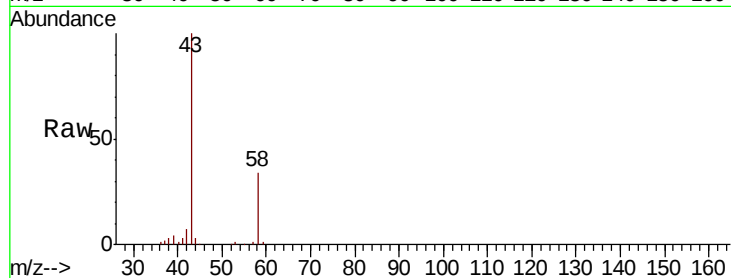
LF012-TL-SP-200207

Tot Ion: 43 Resp: 104120

Ion Ratio Lower Upper

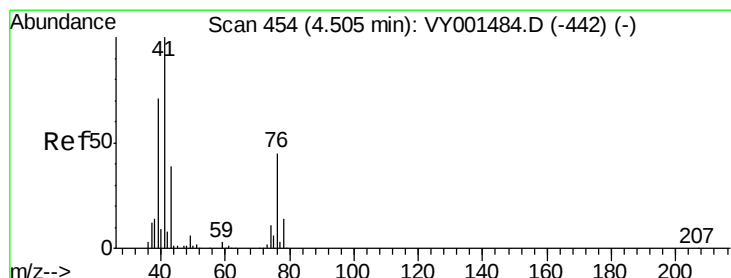
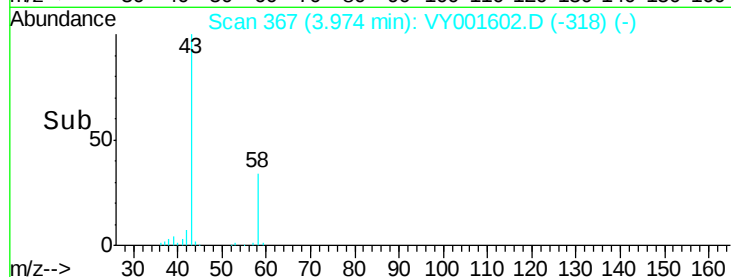
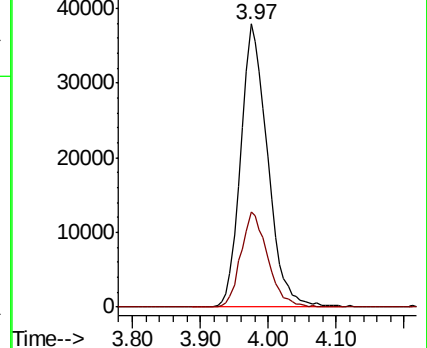
43 100

58 33.5 27.5 41.3



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#18

Methyl Acetate

Concen: 4.695 ug/l

RT: 4.51 min Scan# 455

Delta R.T. 0.01 min

Lab File: VY001602.D

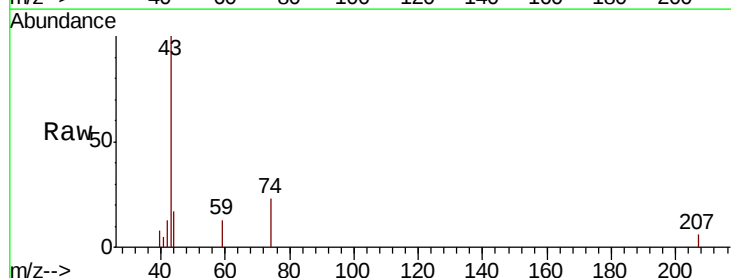
Acq: 11 Feb 2020 16:21

Tgt Ion: 43 Resp: 4856

Ion Ratio Lower Upper

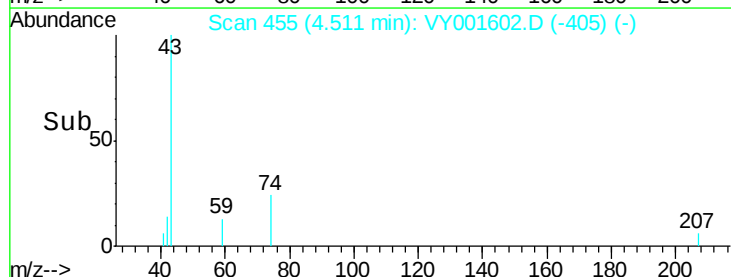
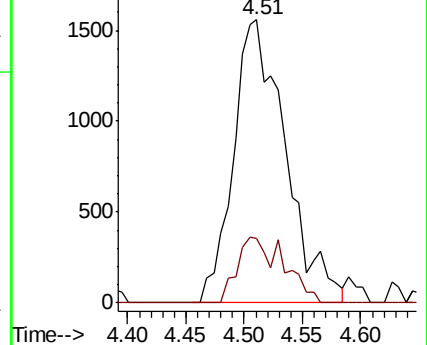
43 100

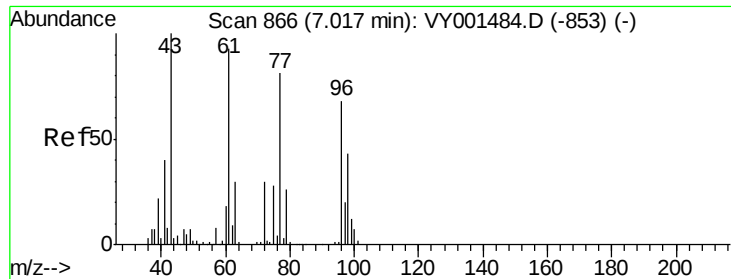
74 13.3 21.0 31.6#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0





#25

2-Butanone

Concen: 15.325 ug/l

RT: 7.02 min Scan# 867

Delta R.T. 0.01 min

Lab File: VY001602.D

Acq: 11 Feb 2020 16:21

Instrument :

MSVOA_Y

ClientSampleId :

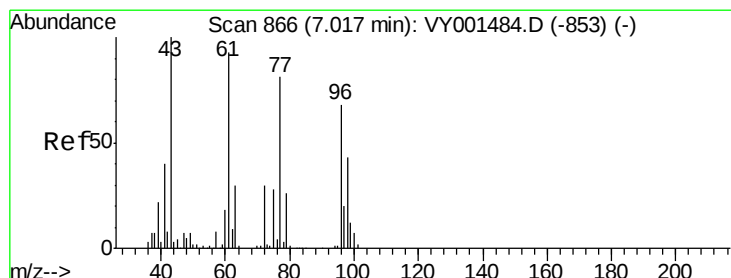
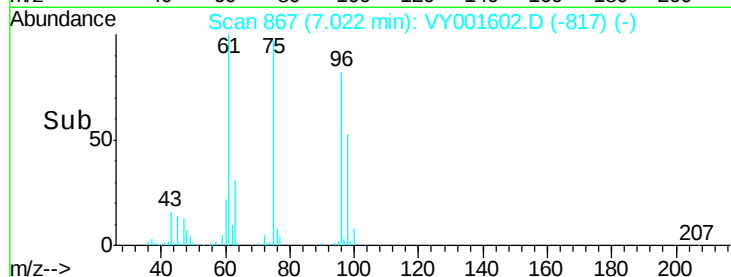
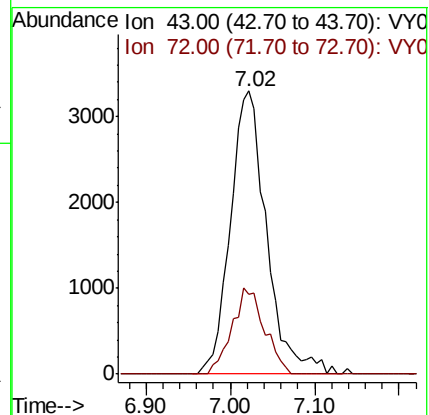
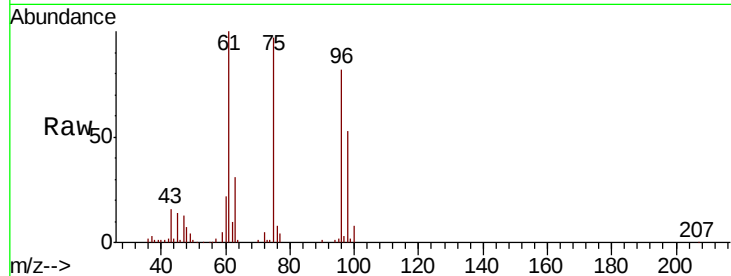
LF012-TL-SP-200207

Tot Ion: 43 Resp: 9635

Ion Ratio Lower Upper

43 100

72 28.4 23.8 35.8



#27

cis-1,2-Dichloroethene

Concen: 23.023 ug/l

RT: 7.01 min Scan# 865

Delta R.T. -0.01 min

Lab File: VY001602.D

Acq: 11 Feb 2020 16:21

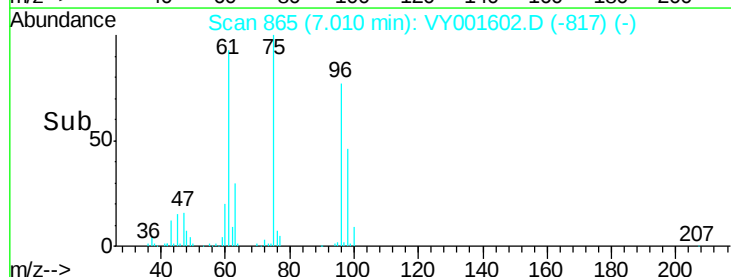
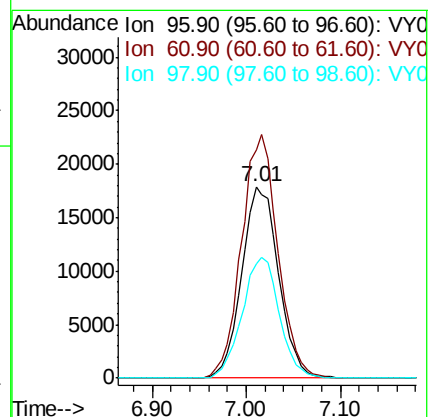
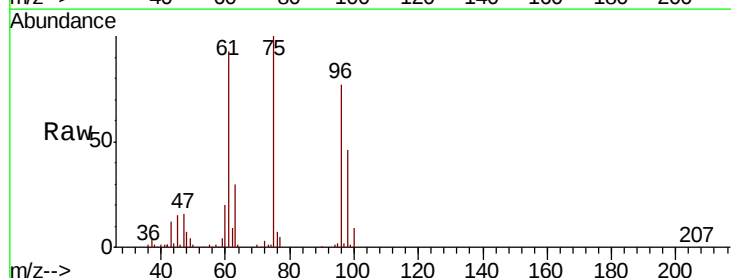
Tgt Ion: 96 Resp: 48905

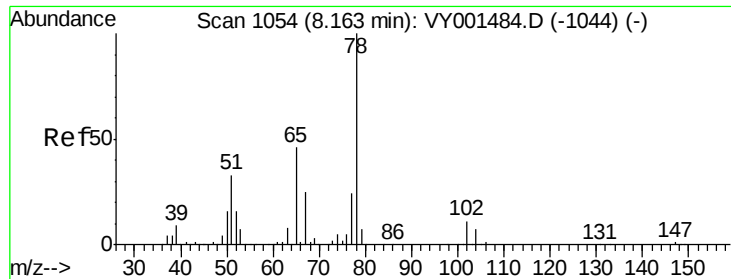
Ion Ratio Lower Upper

96 100

61 125.7 0.0 278.8

98 63.6 0.0 128.8

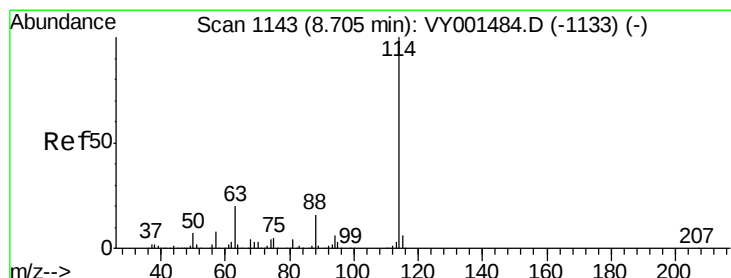
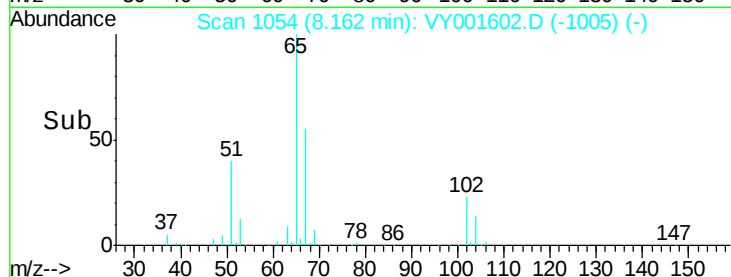
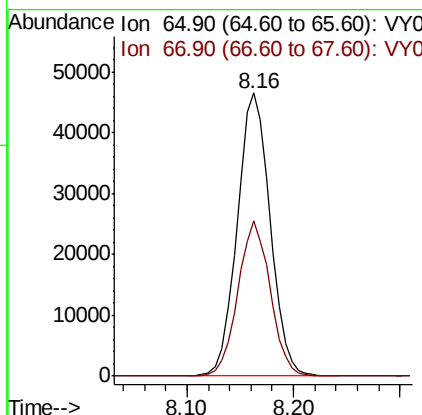
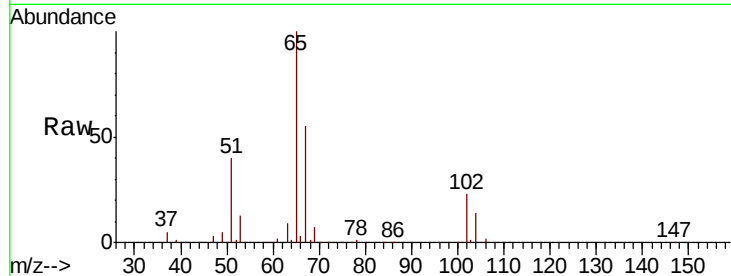




#33
 1,2-Dichloroethane-d4
 Concen: 60.205 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. -0.00 min
 Lab File: VY001602.D
 Acq: 11 Feb 2020 16:21

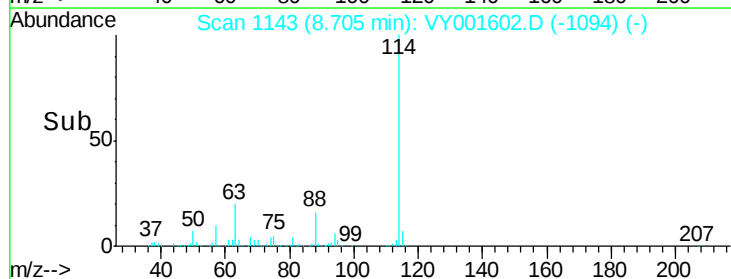
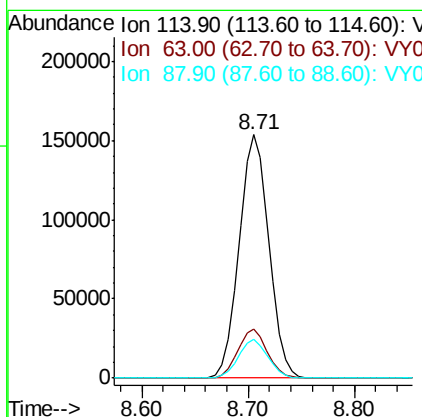
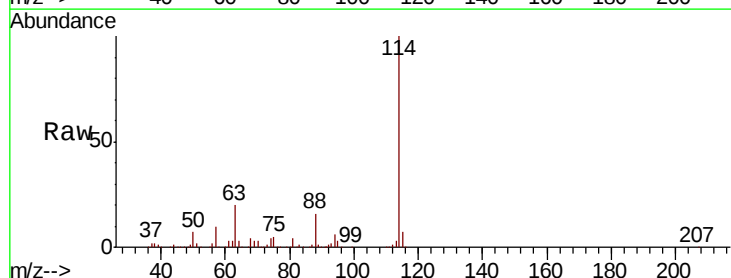
Instrument :
 MSVOA_Y
 ClientSampleId :
 LF012-TL-SP-200207

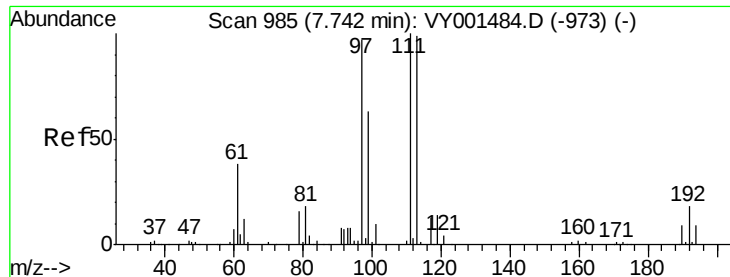
Tot Ion: 65 Resp: 100868
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. -0.00 min
 Lab File: VY001602.D
 Acq: 11 Feb 2020 16:21

Tgt Ion: 114 Resp: 301343
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 39.8
 88 16.0 0.0 32.6





#35

Dibromofluoromethane

Concen: 49.209 ug/l

RT: 7.74 min Scan# 985

Delta R.T. -0.00 min

Lab File: VY001602.D

Acq: 11 Feb 2020 16:21

Instrument :

MSVOA_Y

ClientSampleId :

LF012-TL-SP-200207

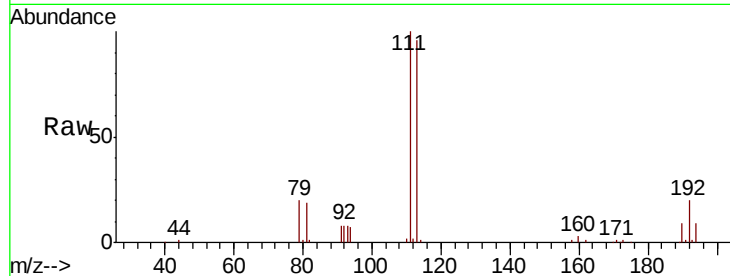
Tot Ion:113 Resp: 85510

Ion Ratio Lower Upper

113 100

111 103.0 82.9 124.3

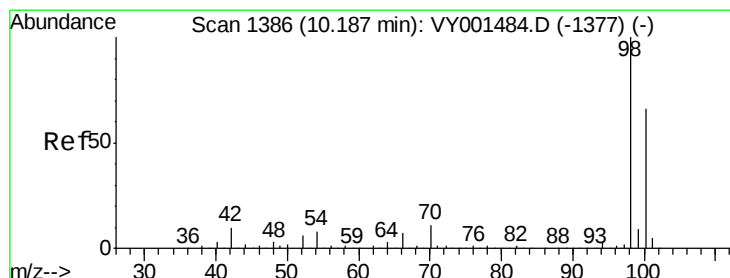
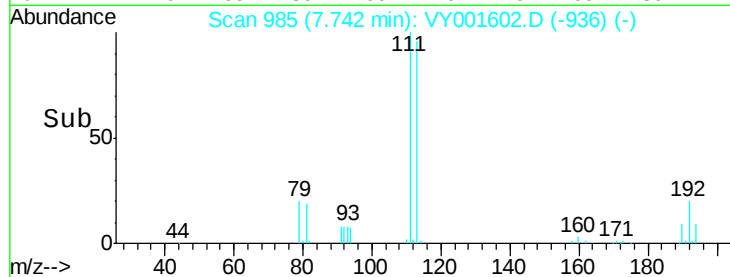
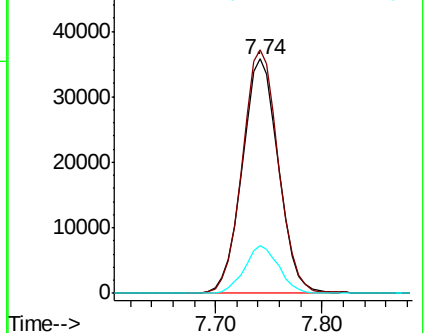
192 19.4 14.6 22.0



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



#50

Toluene-d8

Concen: 54.833 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.00 min

Lab File: VY001602.D

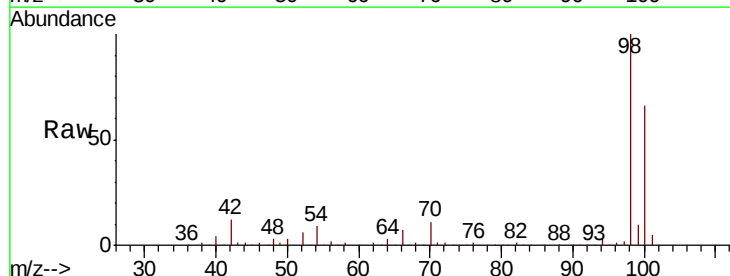
Acq: 11 Feb 2020 16:21

Tgt Ion: 98 Resp: 360494

Ion Ratio Lower Upper

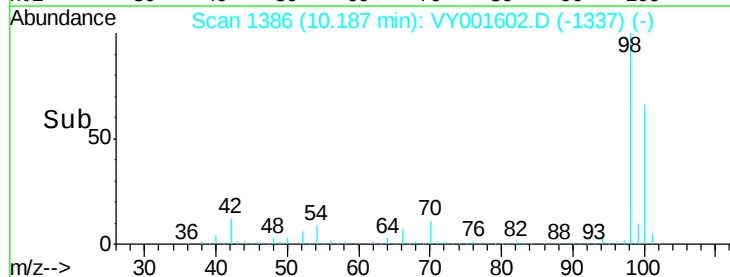
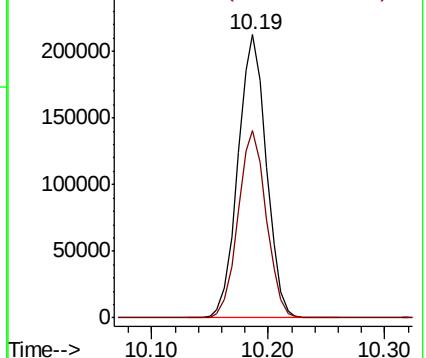
98 100

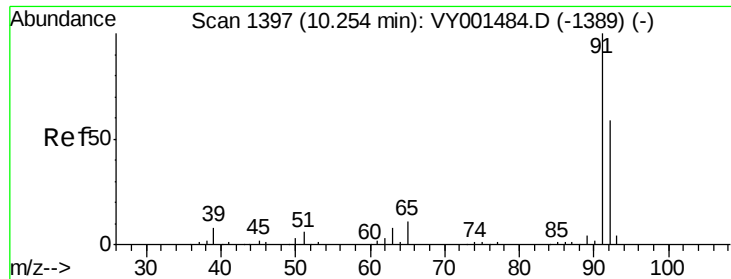
100 65.7 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY





#52

Toluene

Concen: 1.688 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. -0.01 min

Lab File: VY001602.D

Acq: 11 Feb 2020 16:21

Instrument :

MSVOA_Y

ClientSampleId :

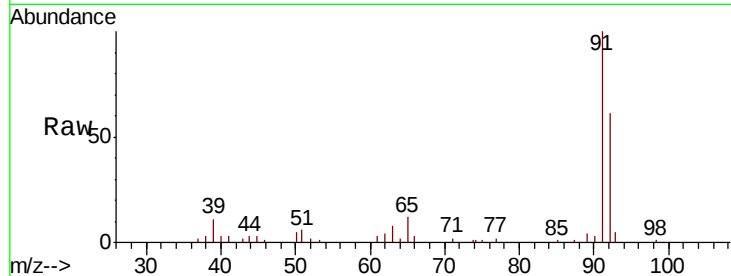
LF012-TL-SP-200207

Tot Ion: 92 Resp: 8420

Ion Ratio Lower Upper

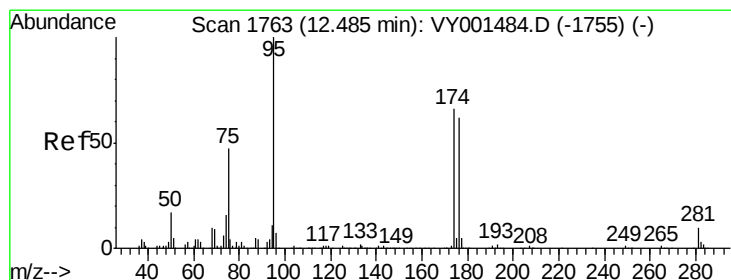
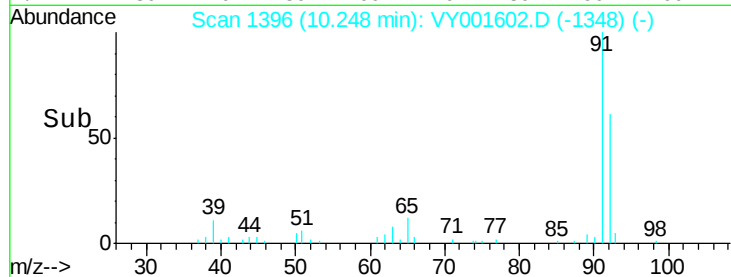
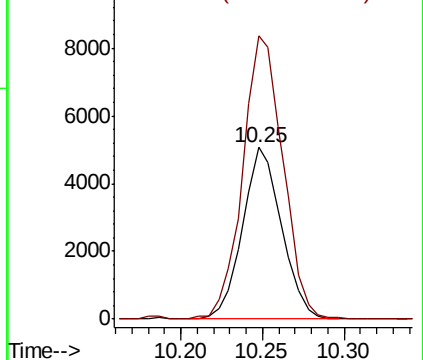
92 100

91 170.4 136.6 204.8



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0



#62

4-Bromofluorobenzene

Concen: 46.665 ug/l

RT: 12.48 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VY001602.D

Acq: 11 Feb 2020 16:21

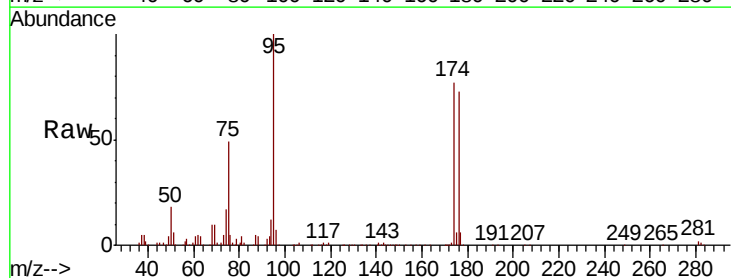
Tgt Ion: 95 Resp: 120862

Ion Ratio Lower Upper

95 100

174 75.9 0.0 141.4

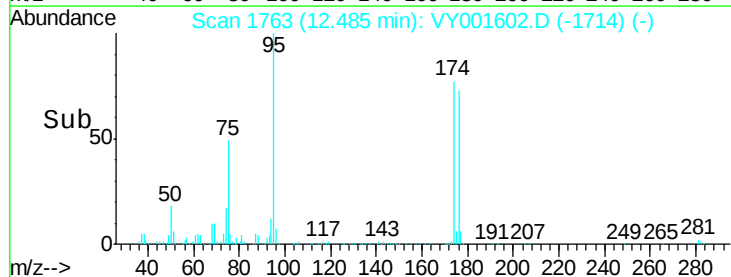
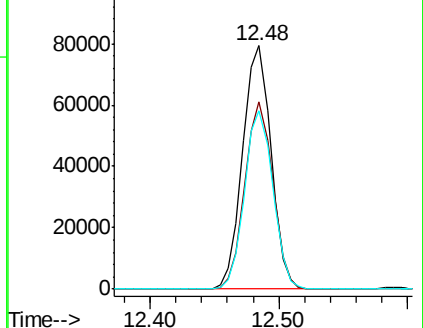
176 72.8 0.0 135.4

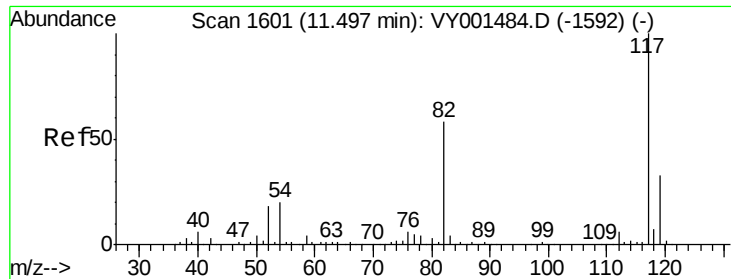


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

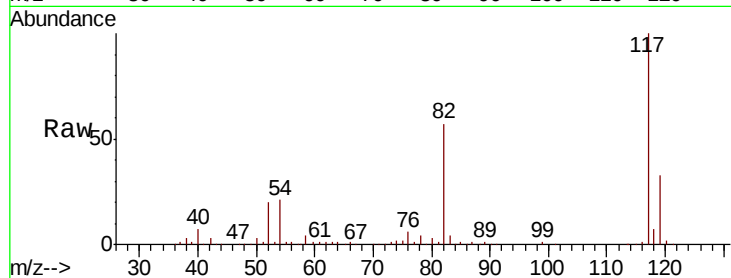




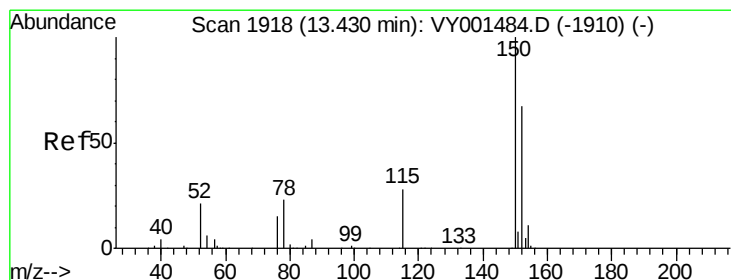
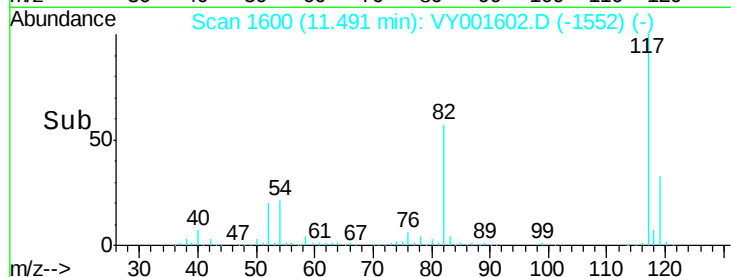
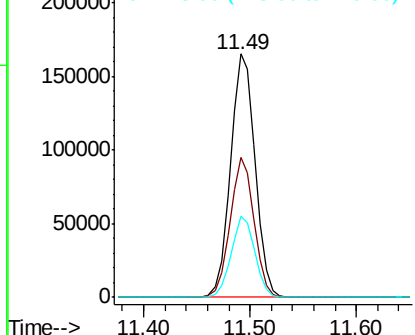
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY001602.D
Acq: 11 Feb 2020 16:21

Instrument :
MSVOA_Y
ClientSampleId :
LF012-TL-SP-200207

Tot Ion:117 Resp: 266413
Ion Ratio Lower Upper
117 100
82 57.5 46.1 69.1
119 33.1 26.1 39.1

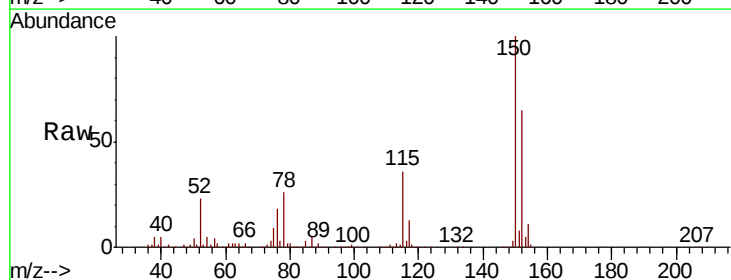


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.00 min
Lab File: VY001602.D
Acq: 11 Feb 2020 16:21

Tgt Ion:152 Resp: 117790
Ion Ratio Lower Upper
152 100
115 59.4 31.4 94.3
150 156.7 0.0 346.8



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

