

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012619\
 Data File : VX007241.D
 Acq On : 25 Jan 2019 20:41
 Operator : JC/SP
 Sample : PB116609ZHE#07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB116609ZHE#07

Quant Time: Jan 28 01:12:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

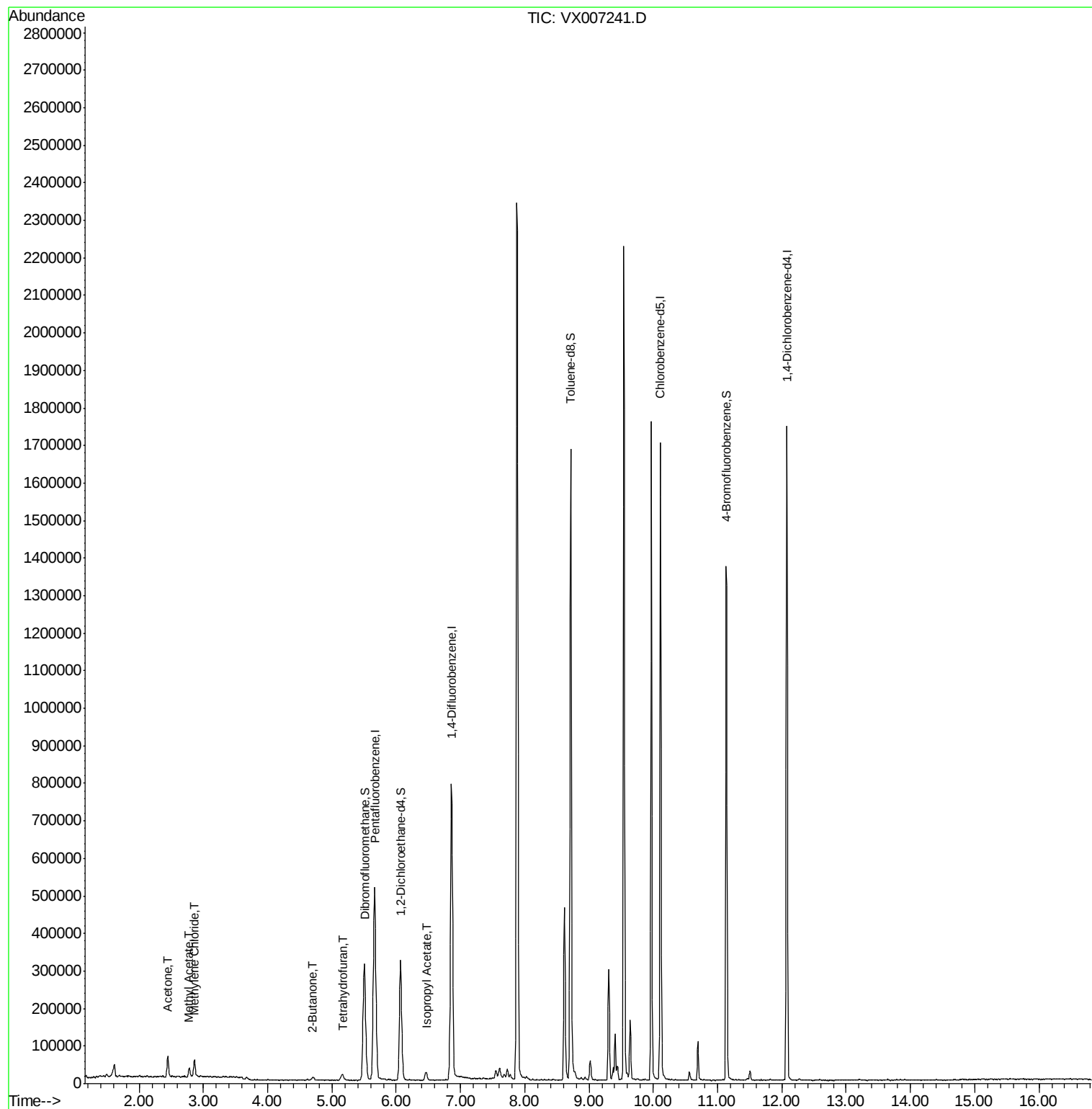
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	534271	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	832304	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	798423	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	380893	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	291674	52.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.48%	
35) Dibromofluoromethane	5.51	113	262300	49.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.42%	
50) Toluene-d8	8.71	98	1016824	52.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.24%	
62) 4-Bromofluorobenzene	11.13	95	353117	51.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.84%	
Target Compounds						
16) Acetone	2.45	43	60615	21.959	ug/l	98
18) Methyl Acetate	2.78	43	33239	4.158	ug/l	96
20) Methylene Chloride	2.86	84	21789	3.625	ug/l	90
25) 2-Butanone	4.70	43	13933	3.528	ug/l #	88
29) Tetrahydrofuran	5.16	42	14531	5.661	ug/l	99
43) Isopropyl Acetate	6.46	43	29228	2.388	ug/l	98

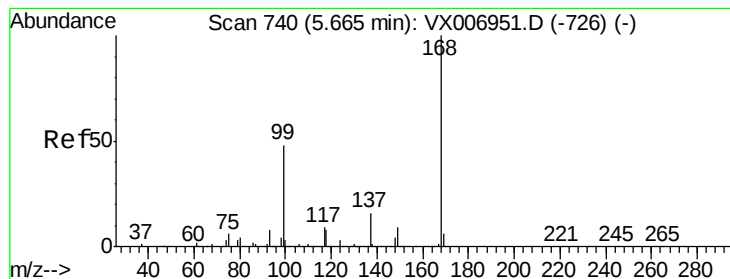
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX007241.D

Acq: 25 Jan 2019 20:41

Instrument :

MSVOA_X

ClientSampleId :

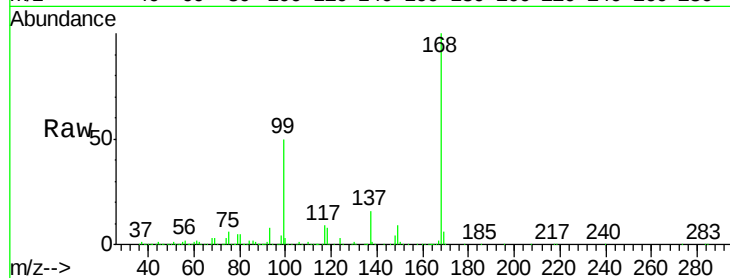
PB116609ZHE#07

Tot Ion:168 Resp: 534271

Ion Ratio Lower Upper

168 100

99 50.1 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

200000

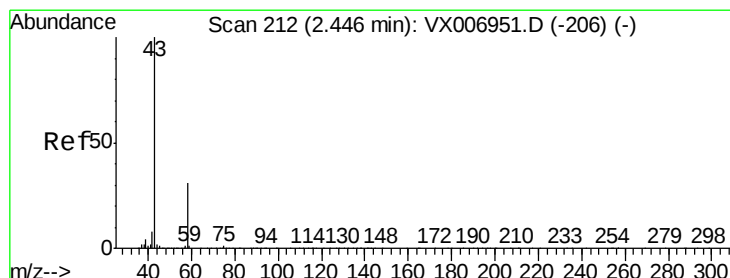
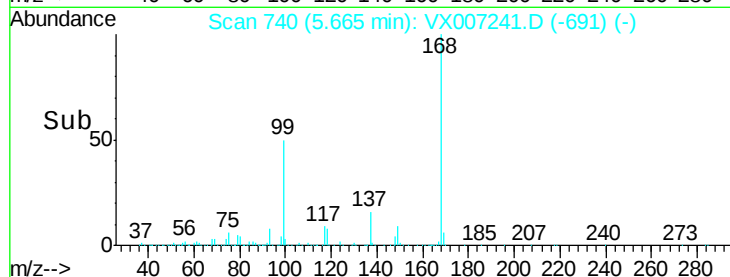
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 21.959 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007241.D

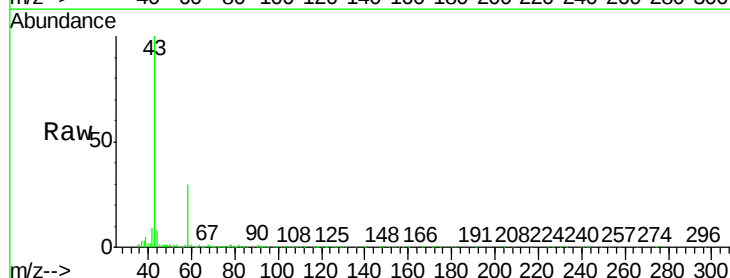
Acq: 25 Jan 2019 20:41

Tgt Ion: 43 Resp: 60615

Ion Ratio Lower Upper

43 100

58 30.4 25.0 37.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

40000

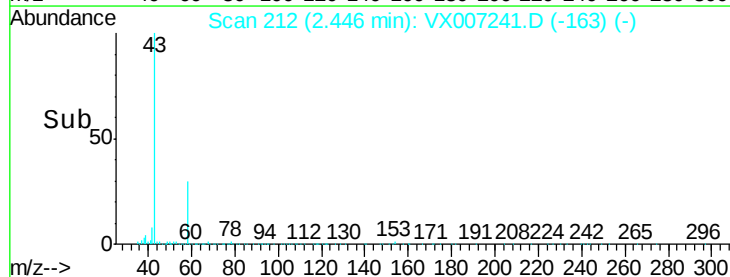
30000

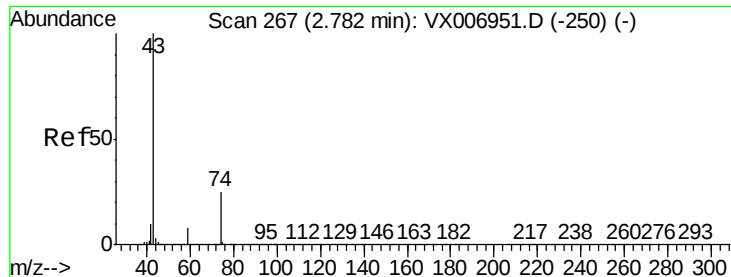
20000

10000

0

Time--> 2.35 2.40 2.45 2.50 2.55

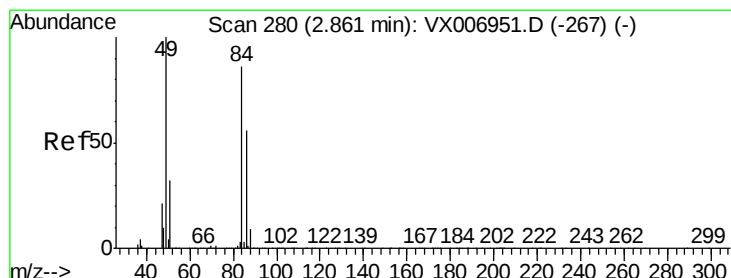
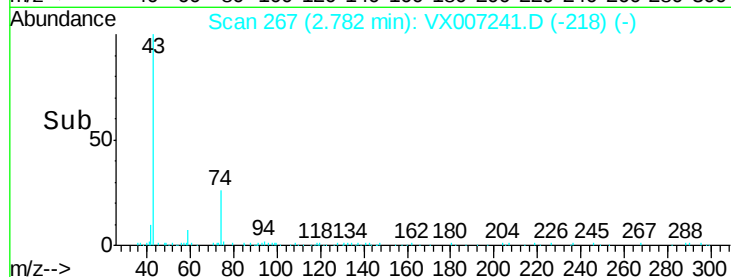
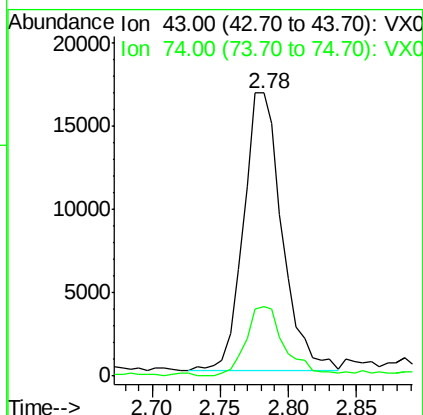
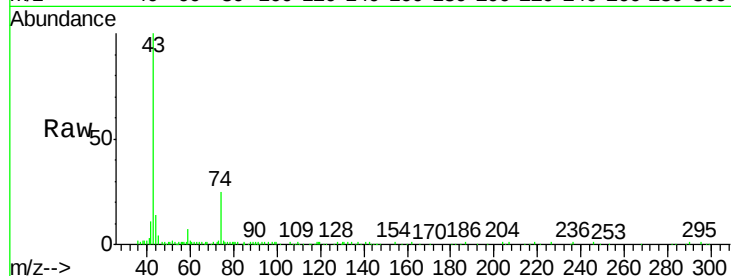




#18
Methyl Acetate
Concen: 4.158 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX007241.D
Acq: 25 Jan 2019 20:41

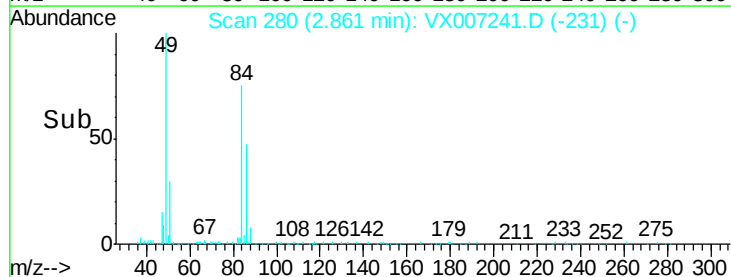
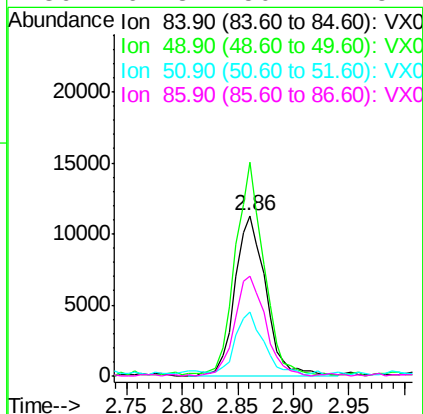
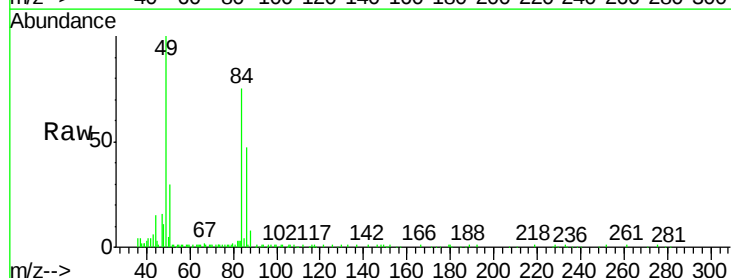
Instrument :
MSVOA_X
ClientSampleId :
PB116609ZHE#07

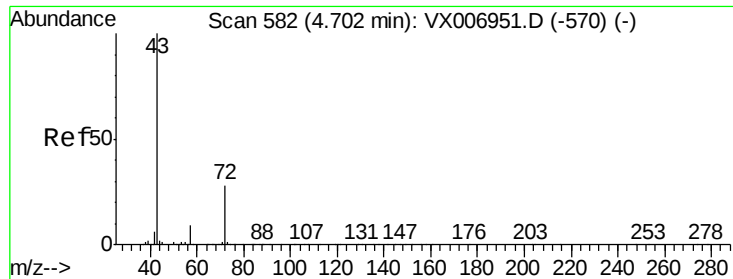
Tot Ion: 43 Resp: 33239
Ion Ratio Lower Upper
43 100
74 25.3 18.6 28.0



#20
Methylene Chloride
Concen: 3.625 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007241.D
Acq: 25 Jan 2019 20:41

Tgt Ion: 84 Resp: 21789
Ion Ratio Lower Upper
84 100
49 132.6 91.8 137.6
51 37.8 28.5 42.7
86 61.3 50.2 75.2

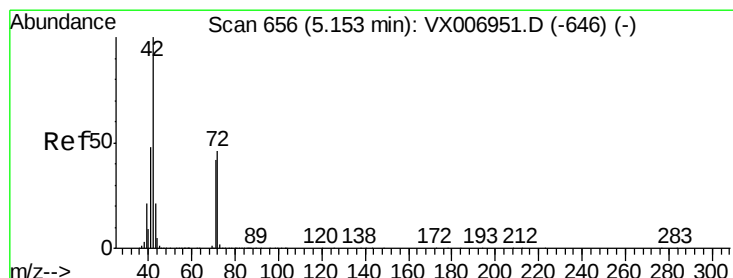
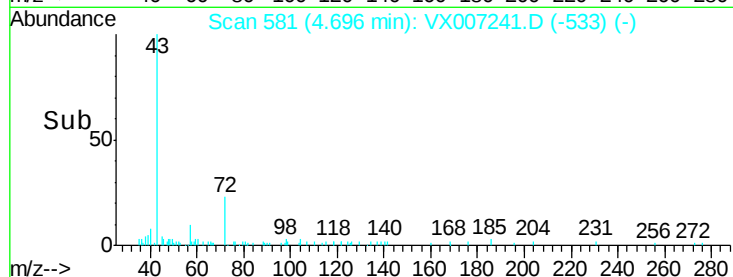
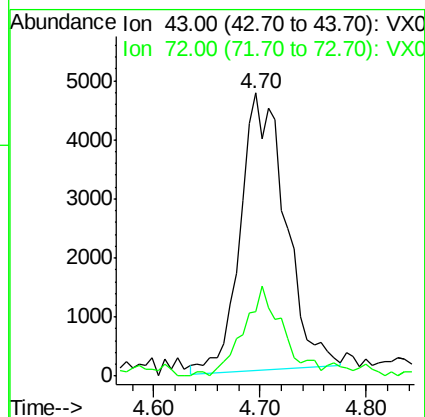
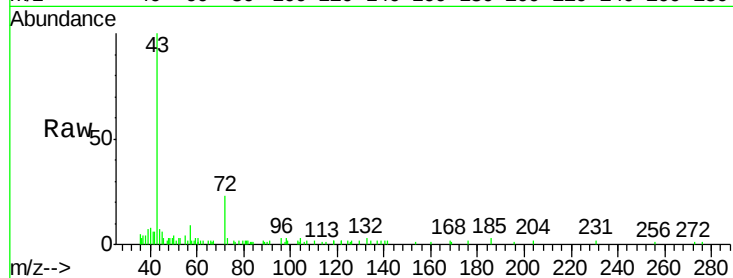




#25
2-Butanone
Concen: 3.528 ug/l
RT: 4.70 min Scan# 581
Delta R.T. -0.01 min
Lab File: VX007241.D
Acq: 25 Jan 2019 20:41

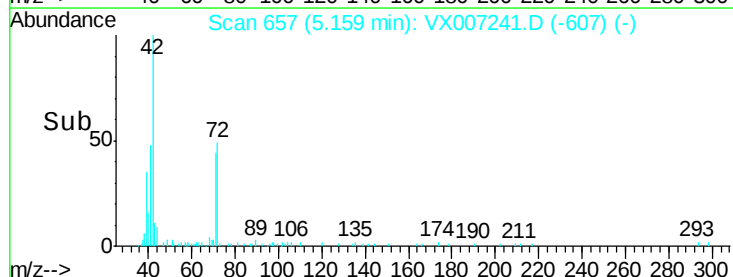
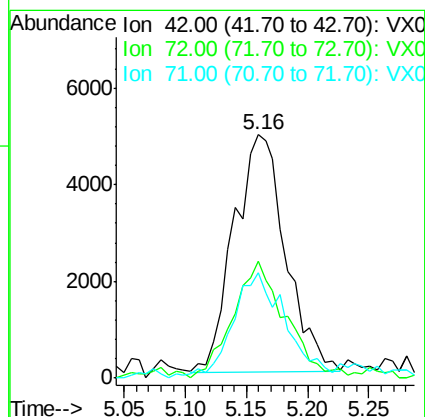
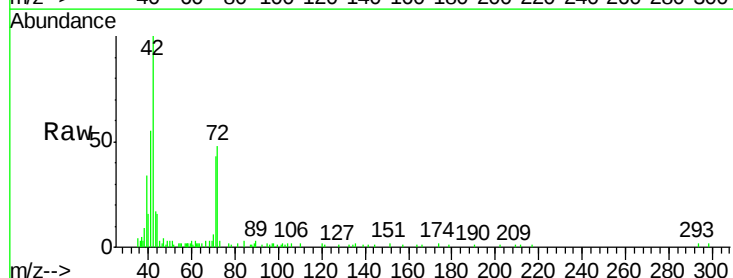
Instrument :
MSVOA_X
ClientSampleId :
PB116609ZHE#07

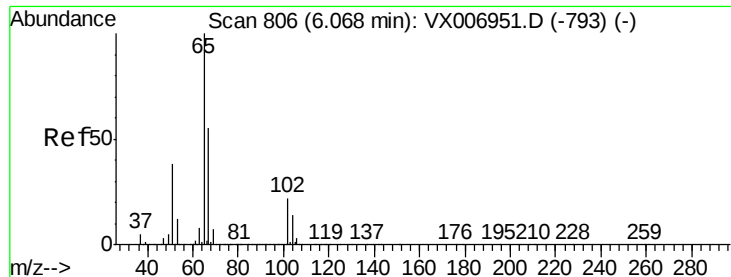
Tot Ion: 43 Resp: 13933
Ion Ratio Lower Upper
43 100
72 21.5 22.4 33.6#



#29
Tetrahydrofuran
Concen: 5.661 ug/l
RT: 5.16 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX007241.D
Acq: 25 Jan 2019 20:41

Tgt Ion: 42 Resp: 14531
Ion Ratio Lower Upper
42 100
72 49.5 38.9 58.3
71 44.9 36.2 54.4





#33

1,2-Dichloroethane-d4

Concen: 52.238 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007241.D

Acq: 25 Jan 2019 20:41

Instrument :

MSVOA_X

ClientSampleId :

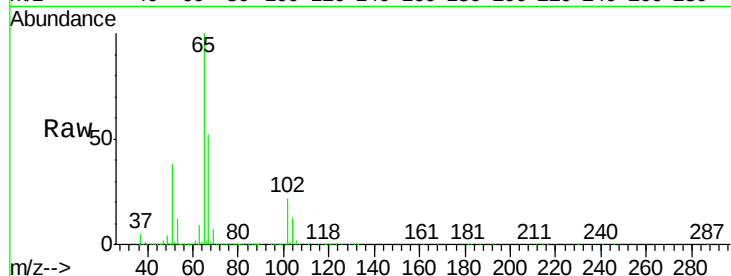
PB116609ZHE#07

Tot Ion: 65 Resp: 291674

Ion Ratio Lower Upper

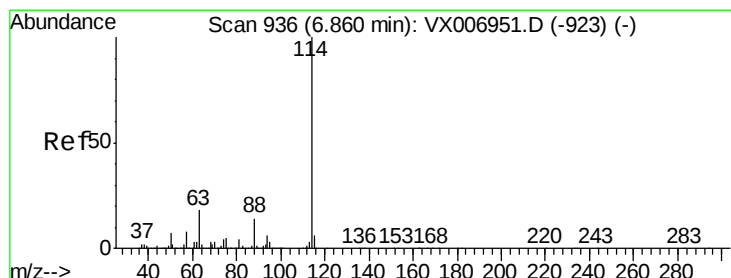
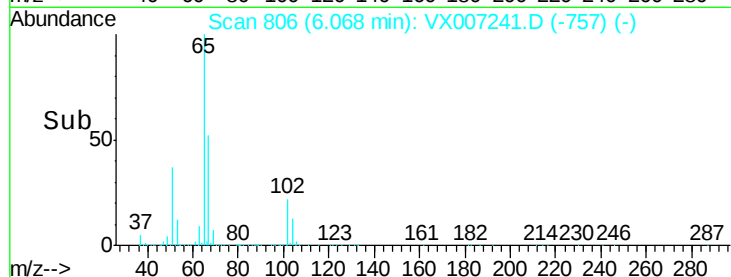
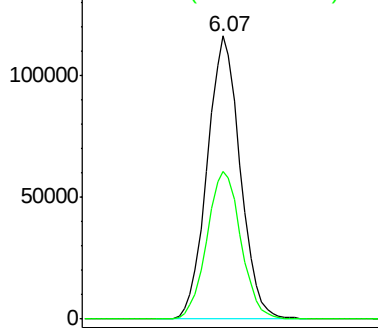
65 100

67 53.8 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007241.D

Acq: 25 Jan 2019 20:41

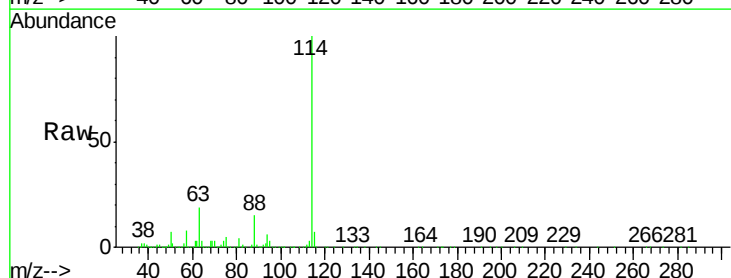
Tgt Ion: 114 Resp: 832304

Ion Ratio Lower Upper

114 100

63 18.8 0.0 34.8

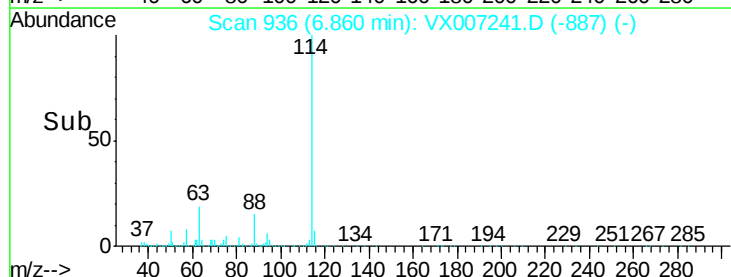
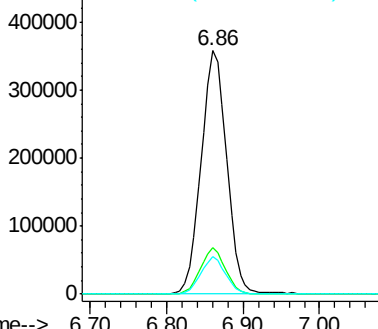
88 15.3 0.0 28.8

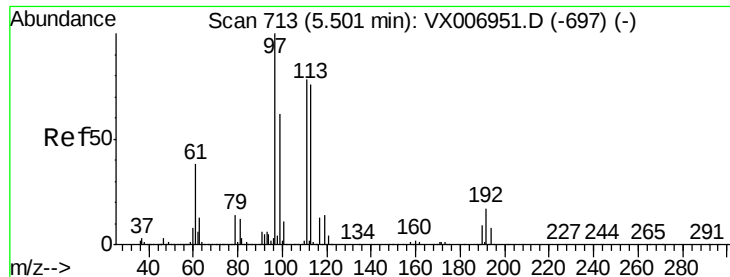


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.212 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX007241.D

Acq: 25 Jan 2019 20:41

Instrument :

MSVOA_X

ClientSampleId :

PB116609ZHE#07

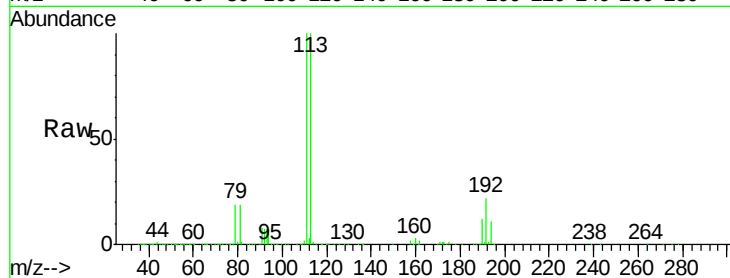
Tot Ion:113 Resp: 262300

Ion Ratio Lower Upper

113 100

111 102.2 81.6 122.4

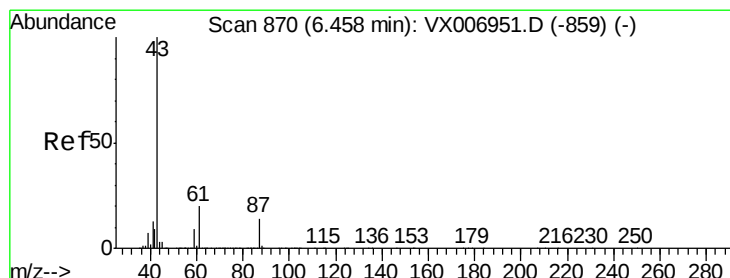
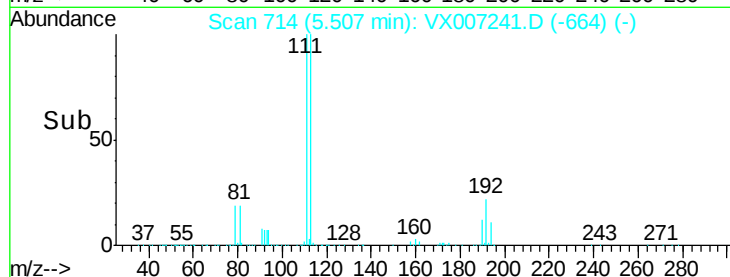
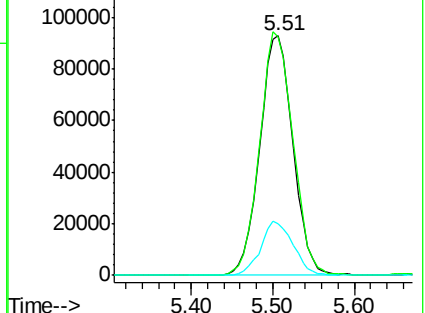
192 22.1 16.7 25.1



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: 2.388 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.01 min

Lab File: VX007241.D

Acq: 25 Jan 2019 20:41

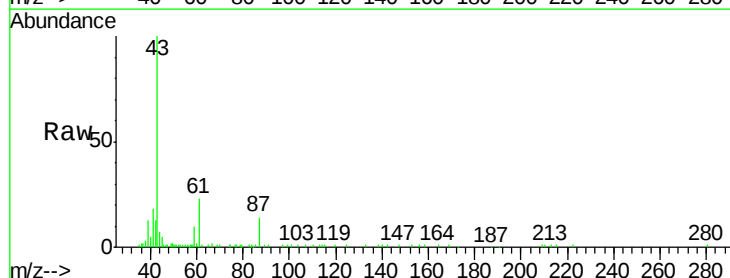
Tgt Ion: 43 Resp: 29228

Ion Ratio Lower Upper

43 100

61 22.9 16.8 25.2

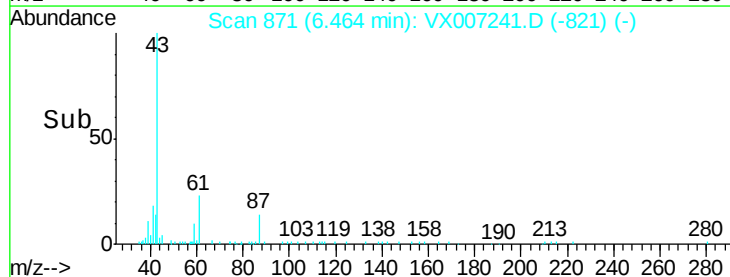
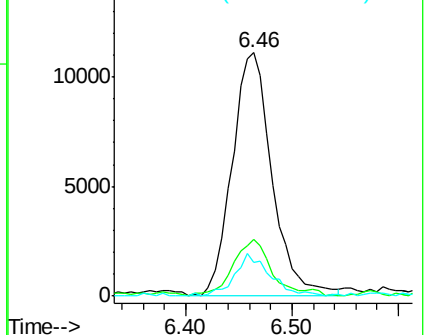
87 15.5 12.4 18.6

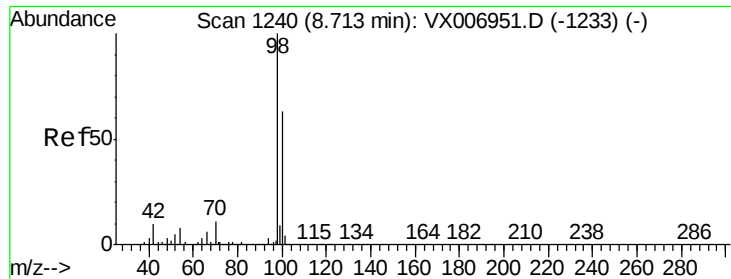


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#50

Toluene-d8

Concen: 52.119 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007241.D

Acq: 25 Jan 2019 20:41

Instrument :

MSVOA_X

ClientSampleId :

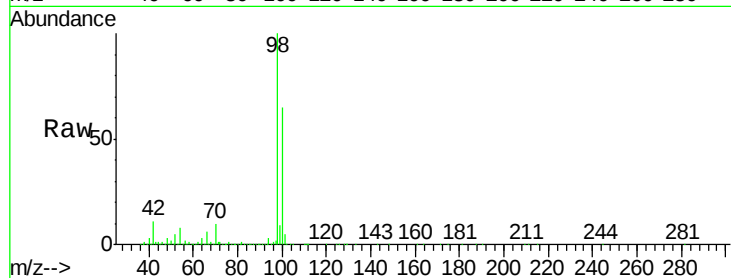
PB116609ZHE#07

Tot Ion: 98 Resp: 1016824

Ion Ratio Lower Upper

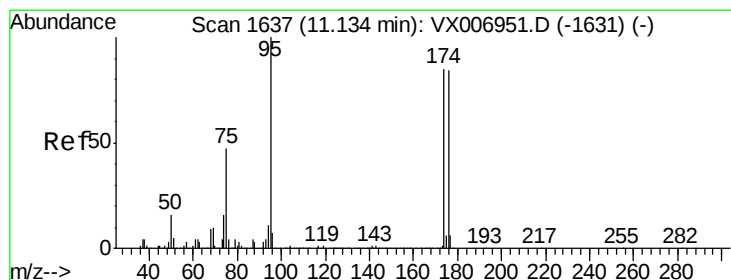
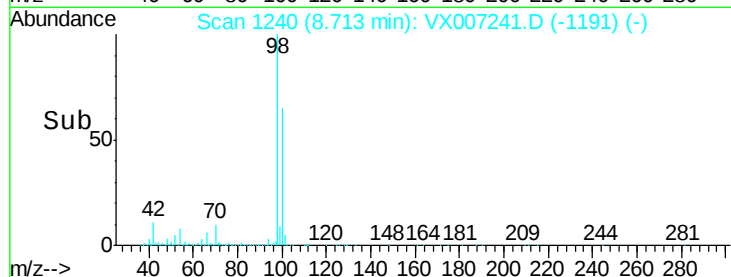
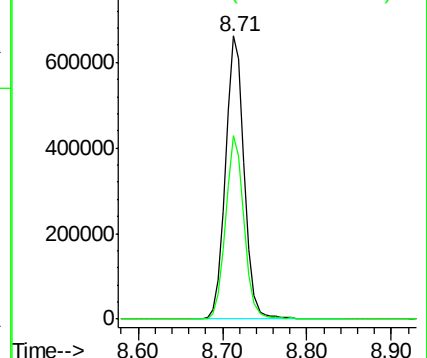
98 100

100 63.8 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 51.918 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007241.D

Acq: 25 Jan 2019 20:41

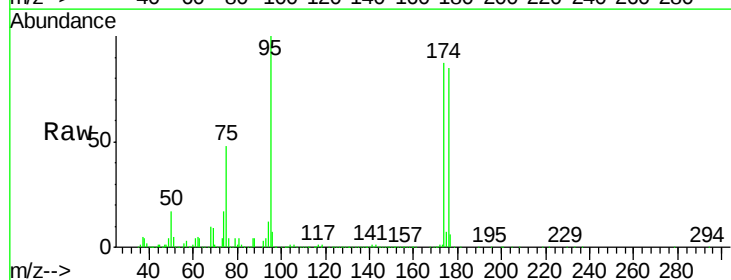
Tgt Ion: 95 Resp: 353117

Ion Ratio Lower Upper

95 100

174 93.9 0.0 182.2

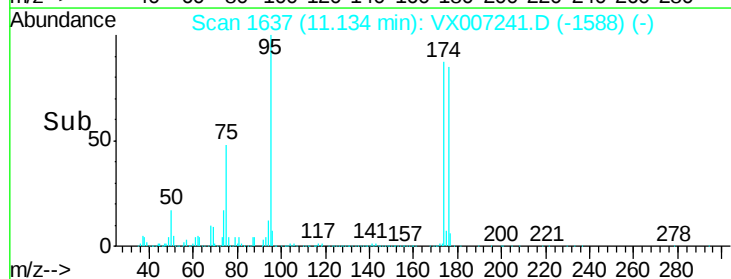
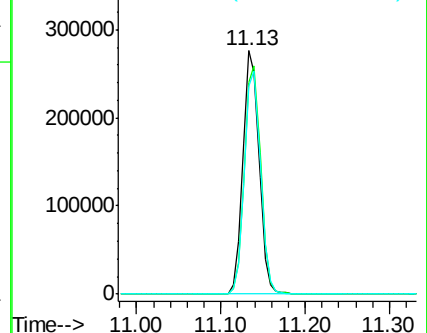
176 91.4 0.0 178.8

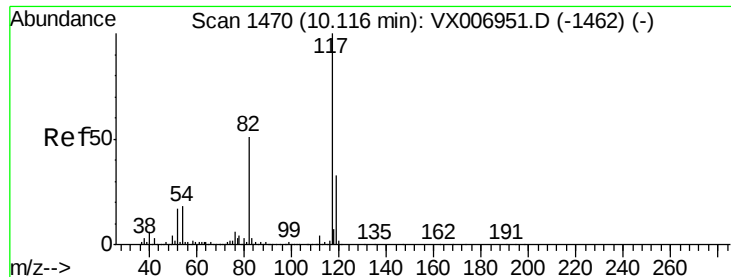


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

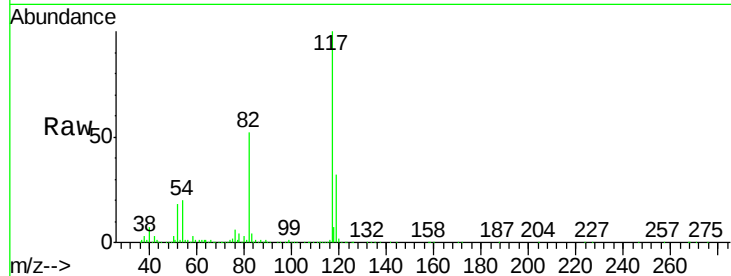




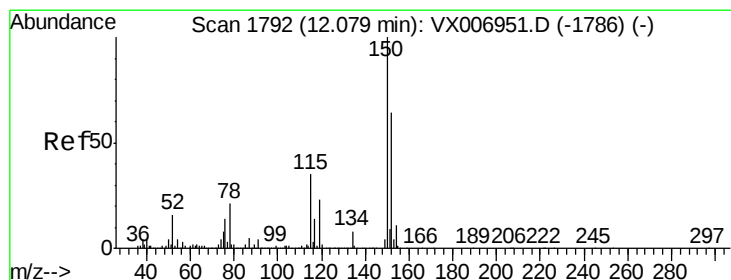
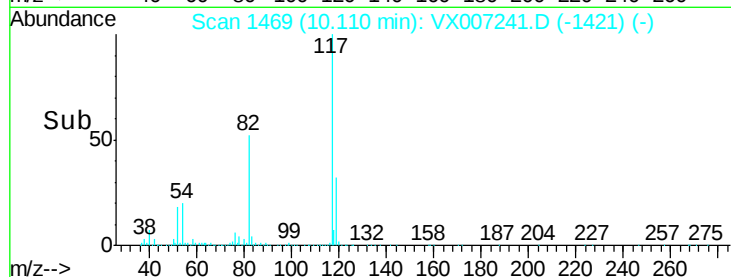
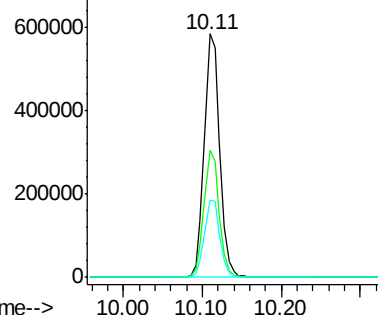
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VX007241.D
Acq: 25 Jan 2019 20:41

Instrument :
MSVOA_X
ClientSampleId :
PB116609ZHE#07

Tot Ion:117 Resp: 798423
Ion Ratio Lower Upper
117 100
82 52.3 41.0 61.6
119 31.9 25.4 38.0

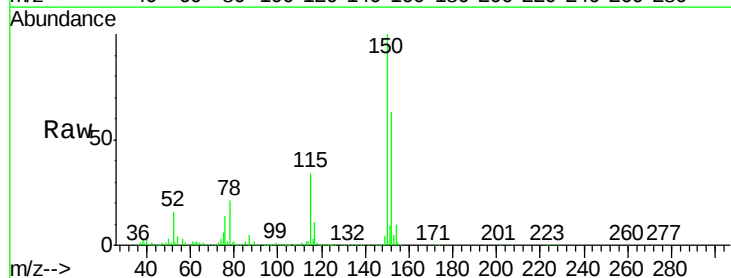


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX007241.D
Acq: 25 Jan 2019 20:41

Tgt Ion:152 Resp: 380893
Ion Ratio Lower Upper
152 100
115 54.4 39.1 117.2
150 159.4 0.0 344.8



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

