

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051319\
 Data File : VX009544.D
 Acq On : 13 May 2019 15:31
 Operator : JC/SP
 Sample : K2834-09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB202-GW-438-440

Quant Time: May 14 04:38:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

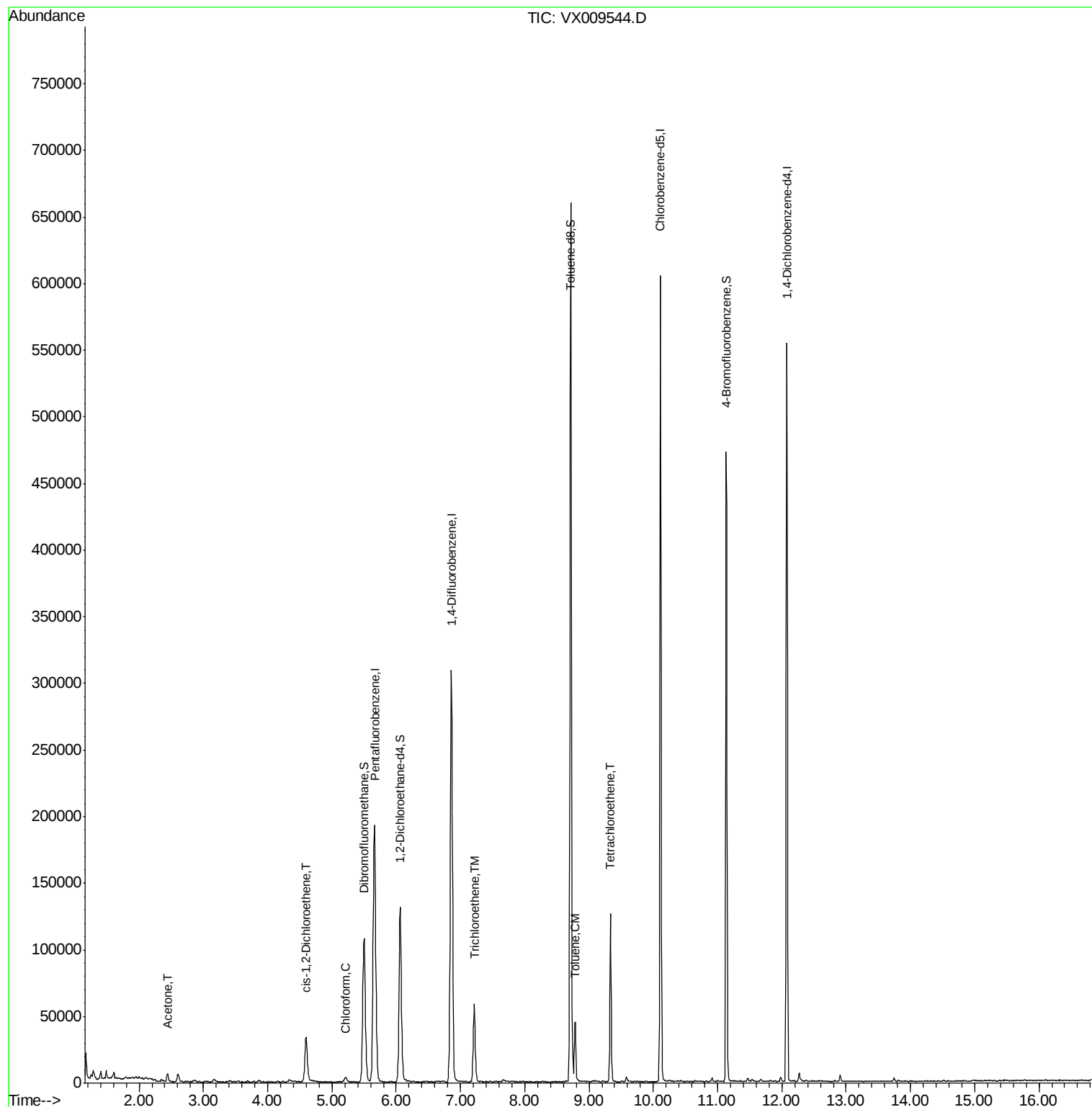
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	191184	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	303609	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	267394	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	114211	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	123166	47.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.38%	
35) Dibromofluoromethane	5.50	113	91696	48.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.08%	
50) Toluene-d8	8.71	98	379509	49.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.50%	
62) 4-Bromofluorobenzene	11.13	95	124536	44.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.96%	
Target Compounds						
16) Acetone	2.44	43	7466	5.327	ug/l	91
27) cis-1,2-Dichloroethene	4.60	96	21386	9.210	ug/l	88
30) Chloroform	5.21	83	3897	1.039	ug/l	92
44) Trichloroethene	7.21	130	21917	10.382	ug/l	97
52) Toluene	8.79	92	16490	3.107	ug/l	100
64) Tetrachloroethene	9.34	164	24126	13.153	ug/l	99

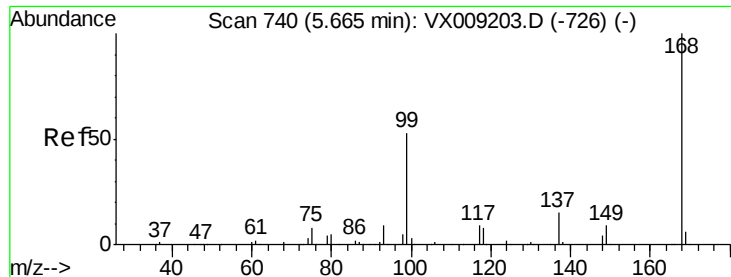
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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ClientSampleId :
BP-VPB202-GW-438-440

Quant Time: May 14 04:38:16 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 2019
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: VX009544.D

Acq: 13 May 2019 15:31

Instrument :

MSVOA_X

ClientSampleId :

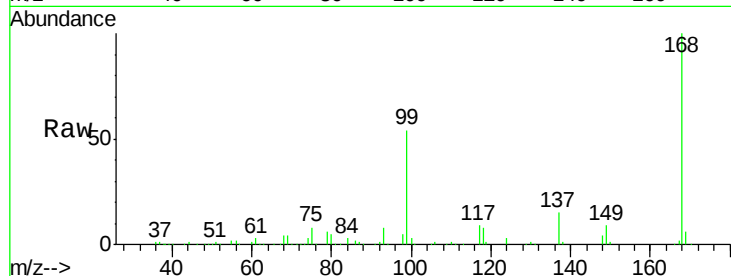
BP-VPB202-GW-438-440

Tot Ion:168 Resp: 191184

Ion Ratio Lower Upper

168 100

99 53.8 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

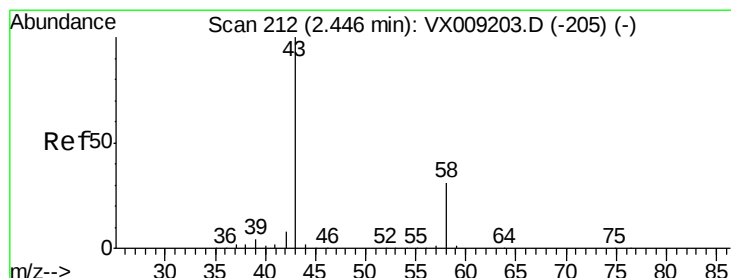
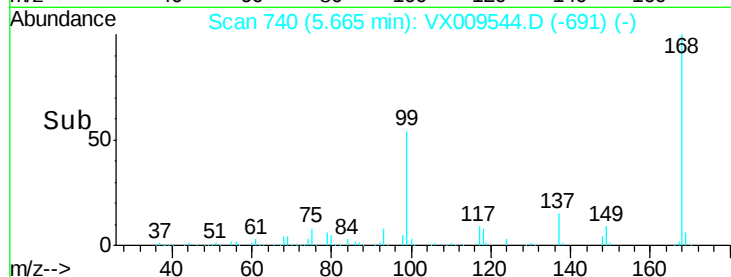
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 5.327 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX009544.D

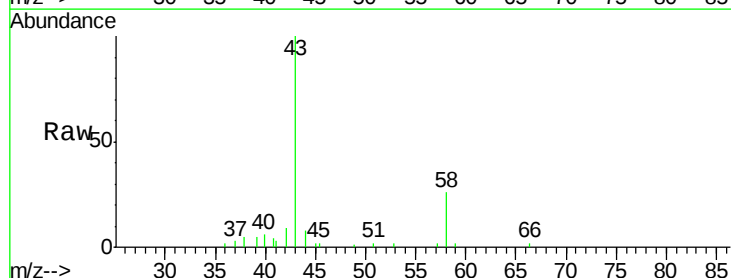
Acq: 13 May 2019 15:31

Tgt Ion: 43 Resp: 7466

Ion Ratio Lower Upper

43 100

58 26.2 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.44

4000

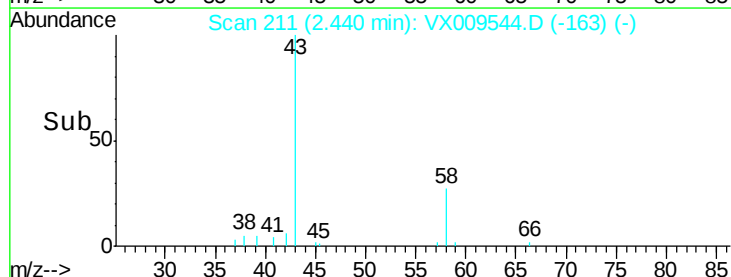
3000

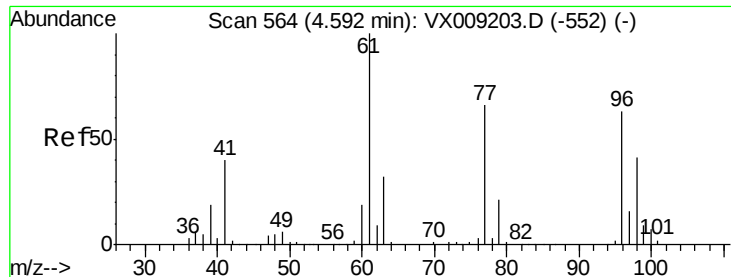
2000

1000

0

Time--> 2.40 2.50



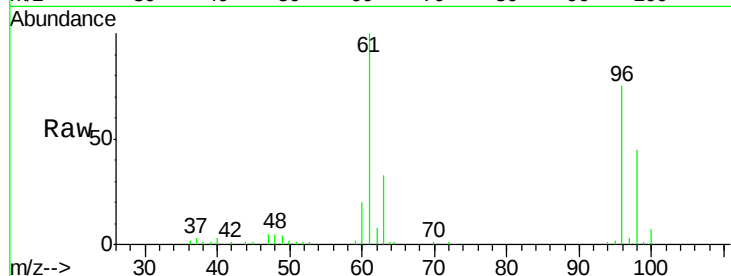


#27

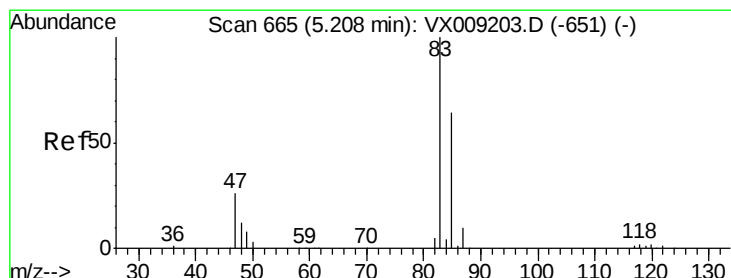
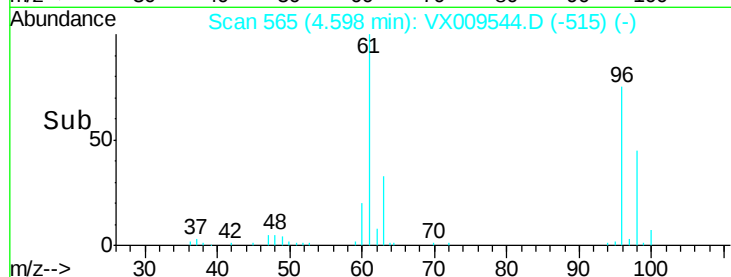
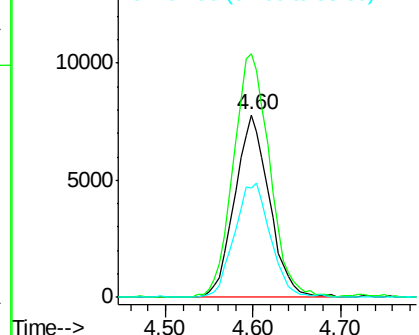
cis-1,2-Dichloroethene
 Concen: 9.210 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.01 min
 Lab File: VX009544.D
 Acq: 13 May 2019 15:31

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB202-GW-438-440

Tot Ion: 96 Resp: 21386
 Ion Ratio Lower Upper
 96 100
 61 140.4 0.0 324.0
 98 65.6 0.0 130.4



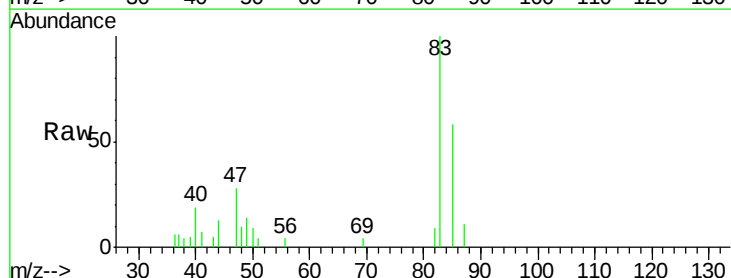
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



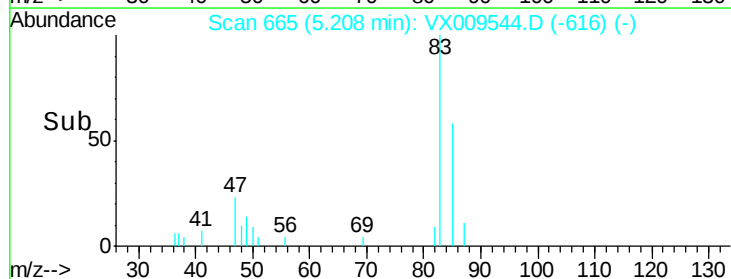
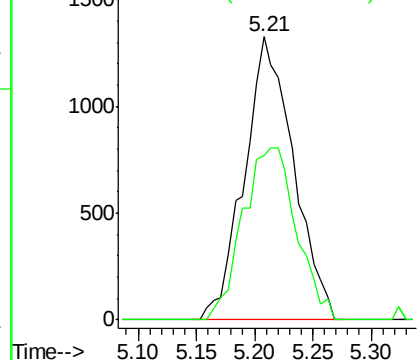
#30

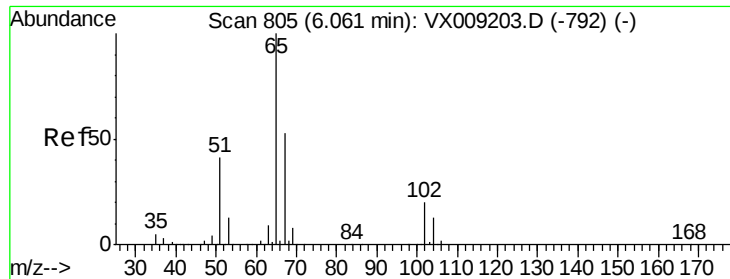
Chloroform
 Concen: 1.039 ug/l
 RT: 5.21 min Scan# 665
 Delta R.T. -0.00 min
 Lab File: VX009544.D
 Acq: 13 May 2019 15:31

Tgt Ion: 83 Resp: 3897
 Ion Ratio Lower Upper
 83 100
 85 58.2 51.5 77.3



Abundance Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 47.192 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX009544.D

Acq: 13 May 2019 15:31

Instrument :

MSVOA_X

ClientSampleId :

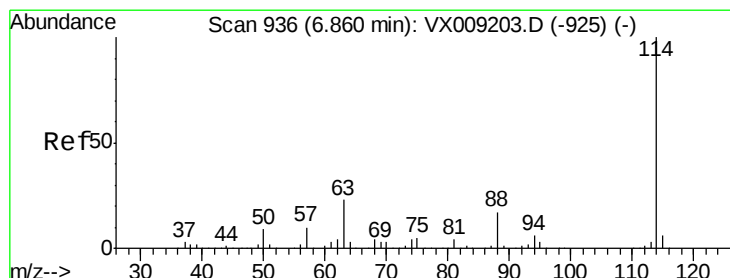
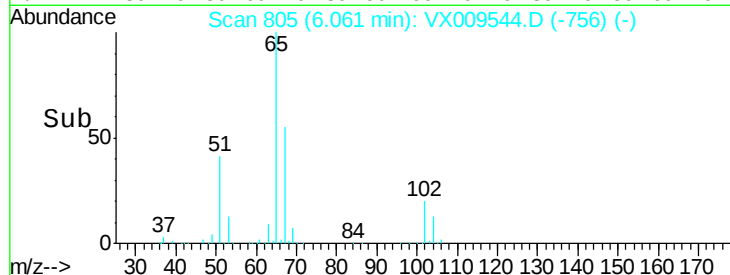
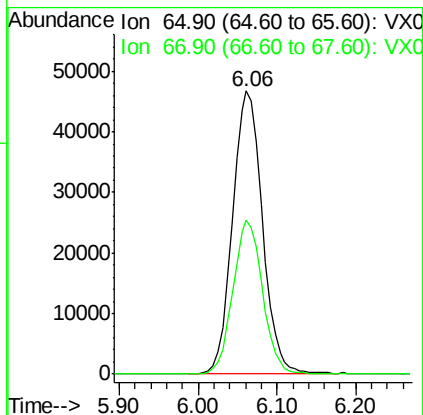
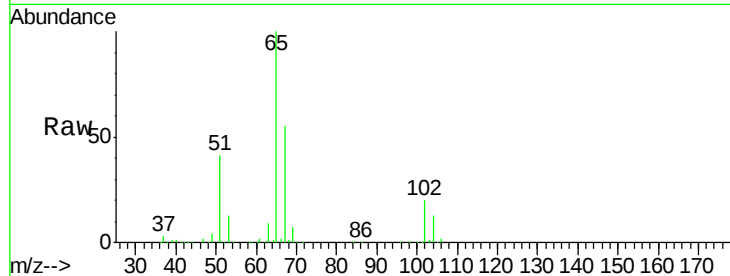
BP-VPB202-GW-438-440

Tot Ion: 65 Resp: 123166

Ion Ratio Lower Upper

65 100

67 53.9 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX009544.D

Acq: 13 May 2019 15:31

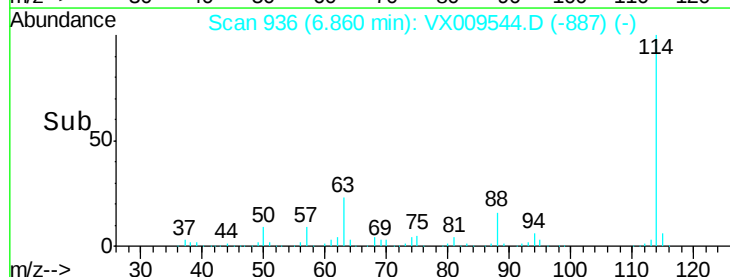
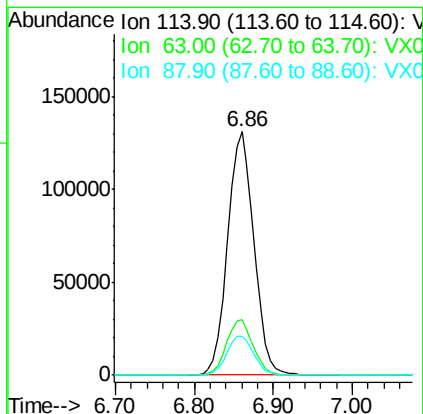
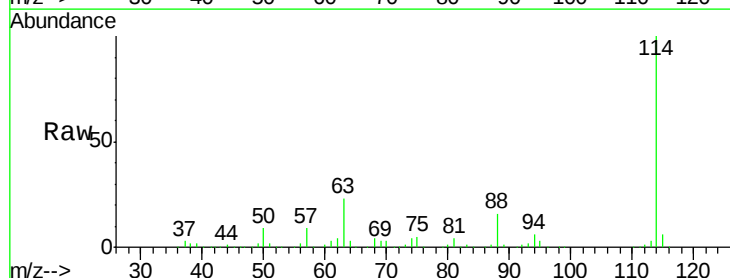
Tgt Ion: 114 Resp: 303609

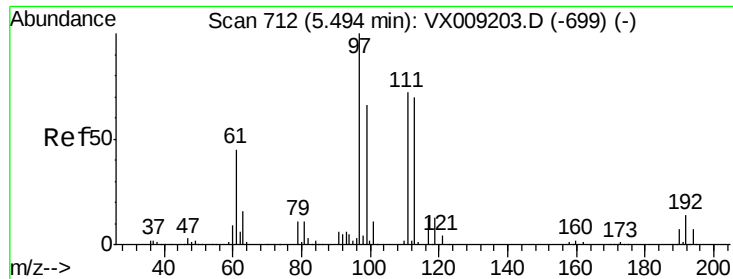
Ion Ratio Lower Upper

114 100

63 22.6 0.0 45.6

88 15.7 0.0 33.2

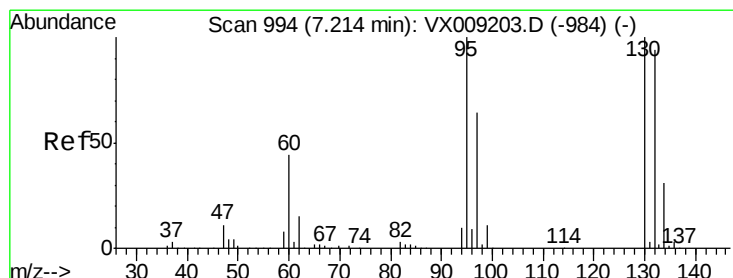
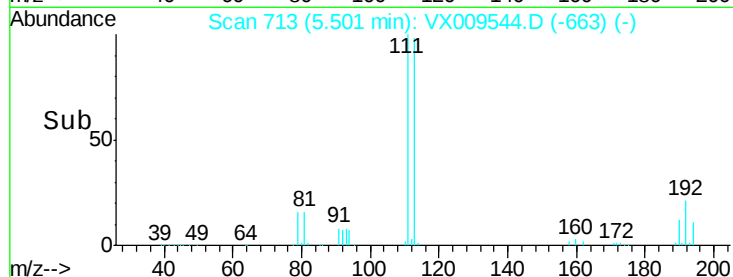
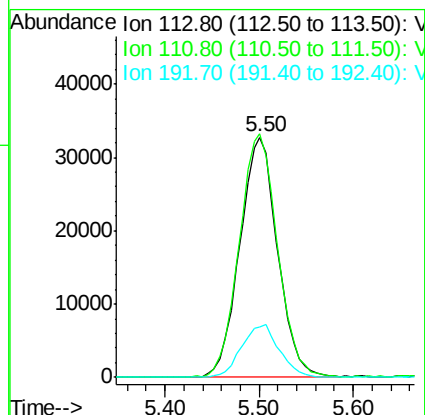
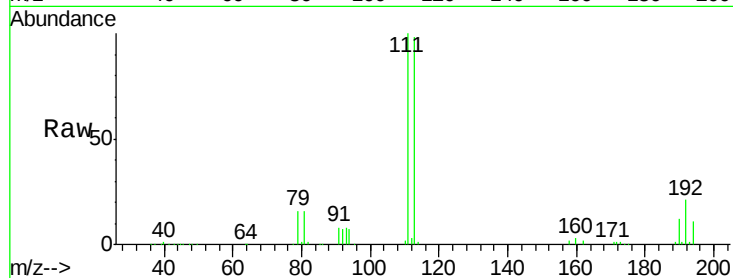




#35
Dibromofluoromethane
Concen: 48.043 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.01 min
Lab File: VX009544.D
Acq: 13 May 2019 15:31

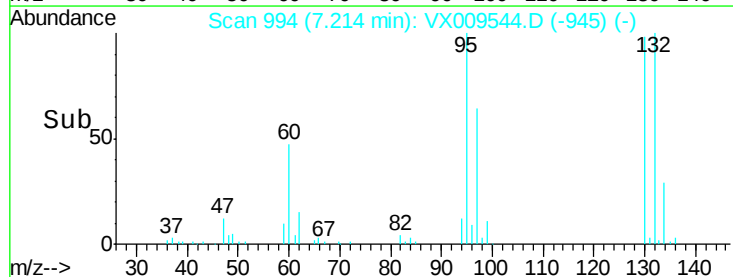
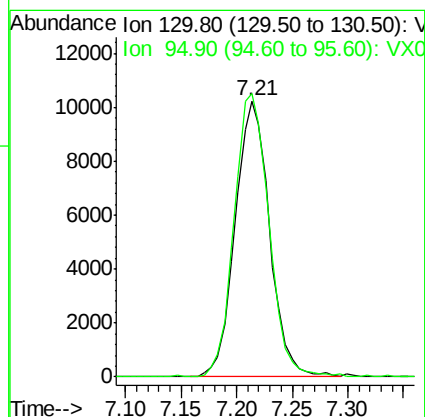
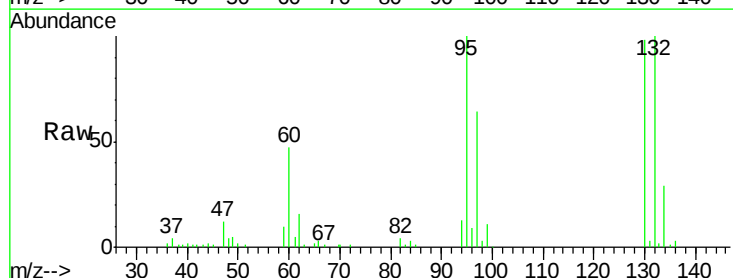
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB202-GW-438-440

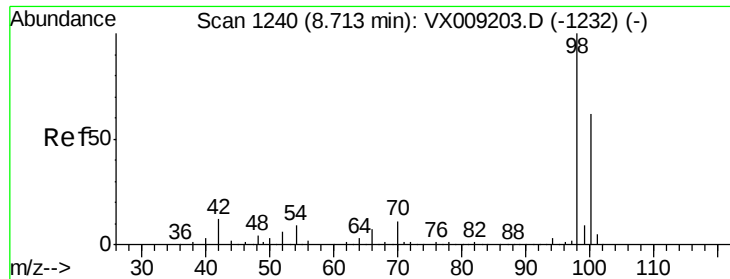
Tot Ion:113 Resp: 91696
Ion Ratio Lower Upper
113 100
111 103.3 82.8 124.2
192 22.1 17.0 25.6



#44
Trichloroethene
Concen: 10.382 ug/l
RT: 7.21 min Scan# 994
Delta R.T. -0.00 min
Lab File: VX009544.D
Acq: 13 May 2019 15:31

Tgt Ion:130 Resp: 21917
Ion Ratio Lower Upper
130 100
95 102.5 0.0 199.2

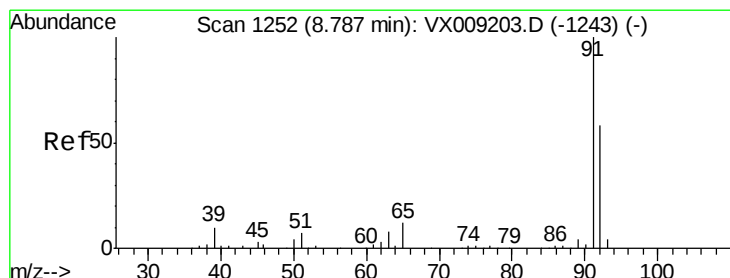
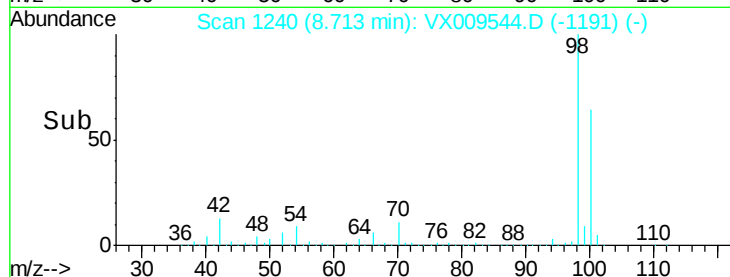
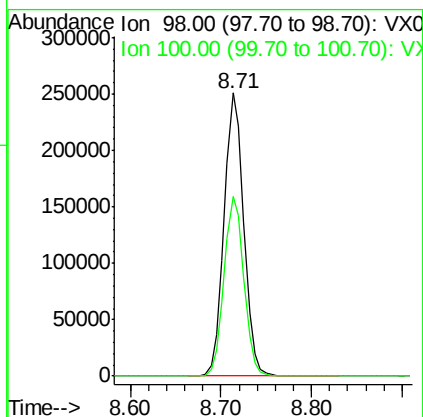
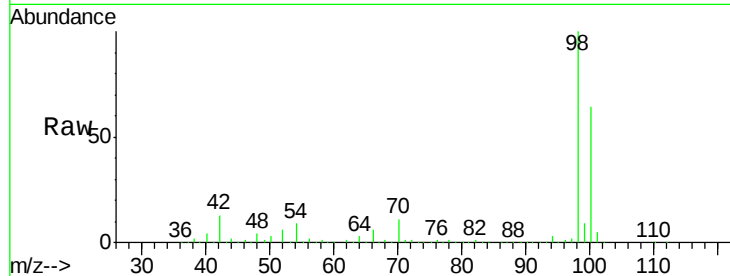




#50
Toluene-d8
Concen: 49.252 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX009544.D
Acq: 13 May 2019 15:31

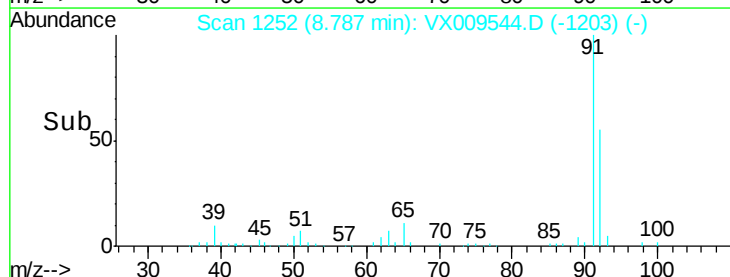
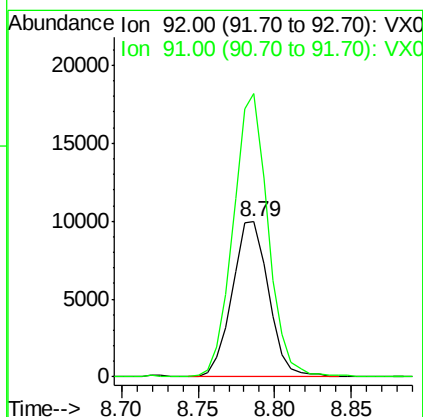
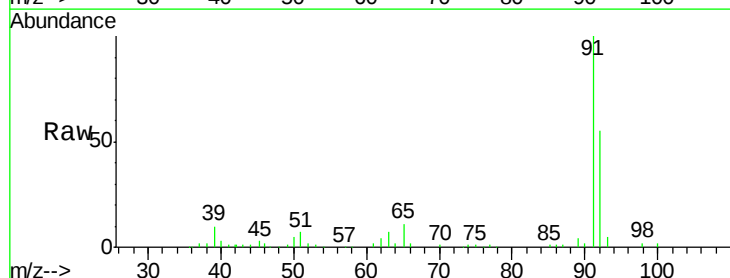
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB202-GW-438-440

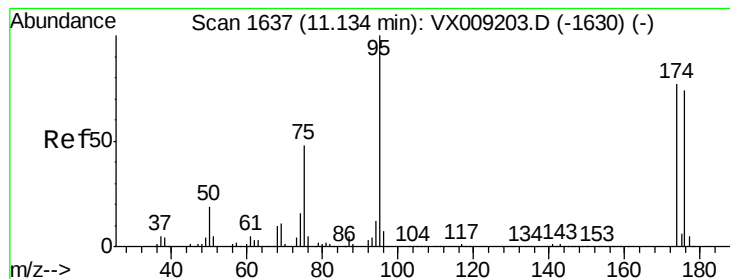
Tot Ion: 98 Resp: 379509
Ion Ratio Lower Upper
98 100
100 63.9 51.2 76.8



#52
Toluene
Concen: 3.107 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX009544.D
Acq: 13 May 2019 15:31

Tgt Ion: 92 Resp: 16490
Ion Ratio Lower Upper
92 100
91 174.1 138.8 208.2





#62

4-Bromofluorobenzene

Concen: 44.479 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009544.D

Acq: 13 May 2019 15:31

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB202-GW-438-440

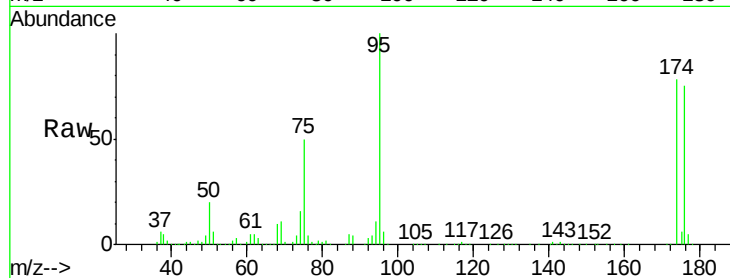
Tot Ion: 95 Resp: 124536

Ion Ratio Lower Upper

95 100

174 82.6 0.0 161.6

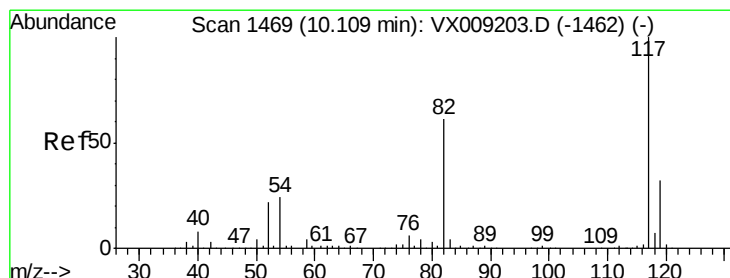
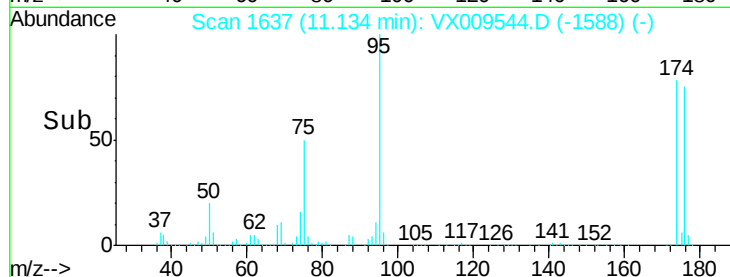
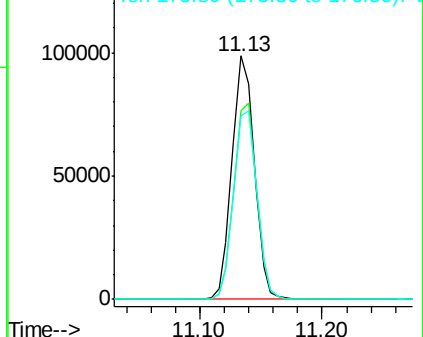
176 80.8 0.0 159.2



Abundance Ion 94.90 (94.60 to 95.60): VX009544.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX009544.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX009544.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX009544.D

Acq: 13 May 2019 15:31

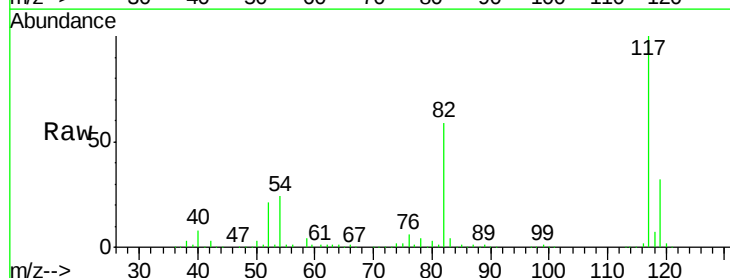
Tgt Ion: 117 Resp: 267394

Ion Ratio Lower Upper

117 100

82 59.1 48.8 73.2

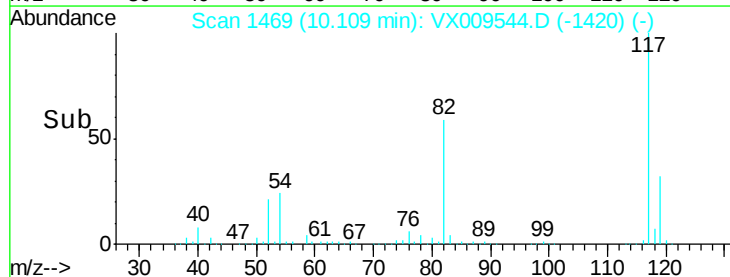
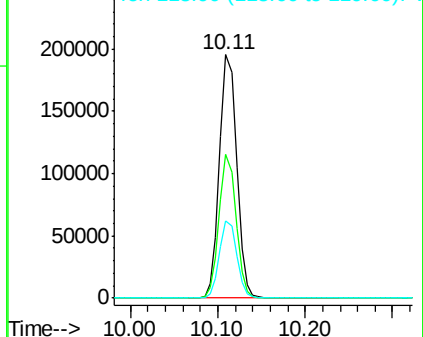
119 31.6 25.8 38.6

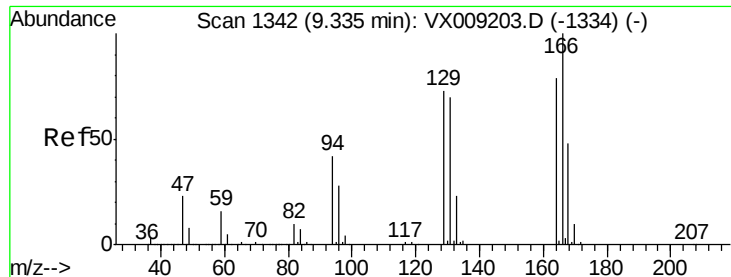


Abundance Ion 116.90 (116.60 to 117.60): VX009544.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX009544.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX009544.D (-1420) (-)





#64

Tetrachloroethene

Concen: 13.153 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX009544.D

Acq: 13 May 2019 15:31

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB202-GW-438-440

Tot Ion:164 Resp: 24126

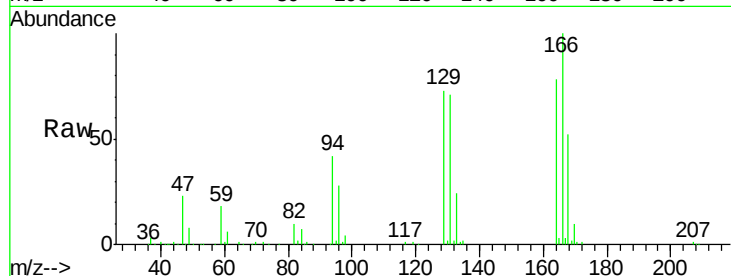
Ion Ratio Lower Upper

164 100

166 128.0 101.2 151.8

129 94.1 74.3 111.5

131 90.6 71.0 106.6

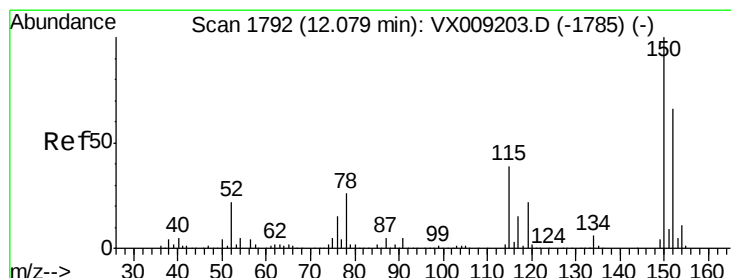
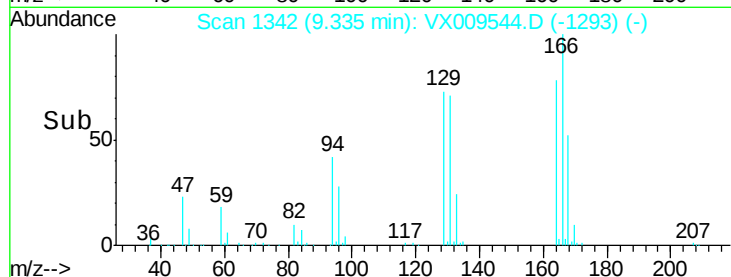
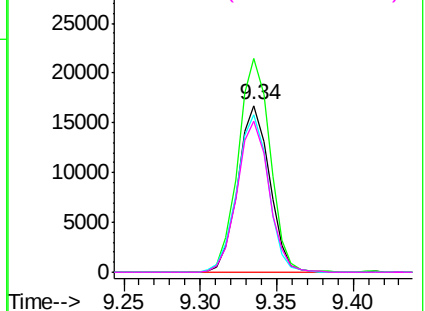


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): 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: VX009544.D

Acq: 13 May 2019 15:31

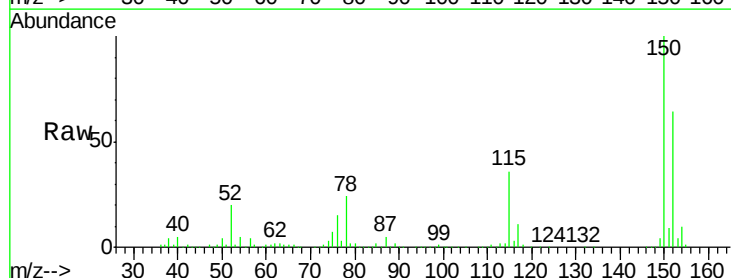
Tgt Ion:152 Resp: 114211

Ion Ratio Lower Upper

152 100

115 58.1 41.2 123.6

150 156.6 0.0 346.4



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

