

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040419\
 Data File : VX008657.D
 Acq On : 05 Apr 2019 00:16
 Operator : JC/SP
 Sample : K2274-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ST006RW116-190402

Quant Time: Apr 05 11:02:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

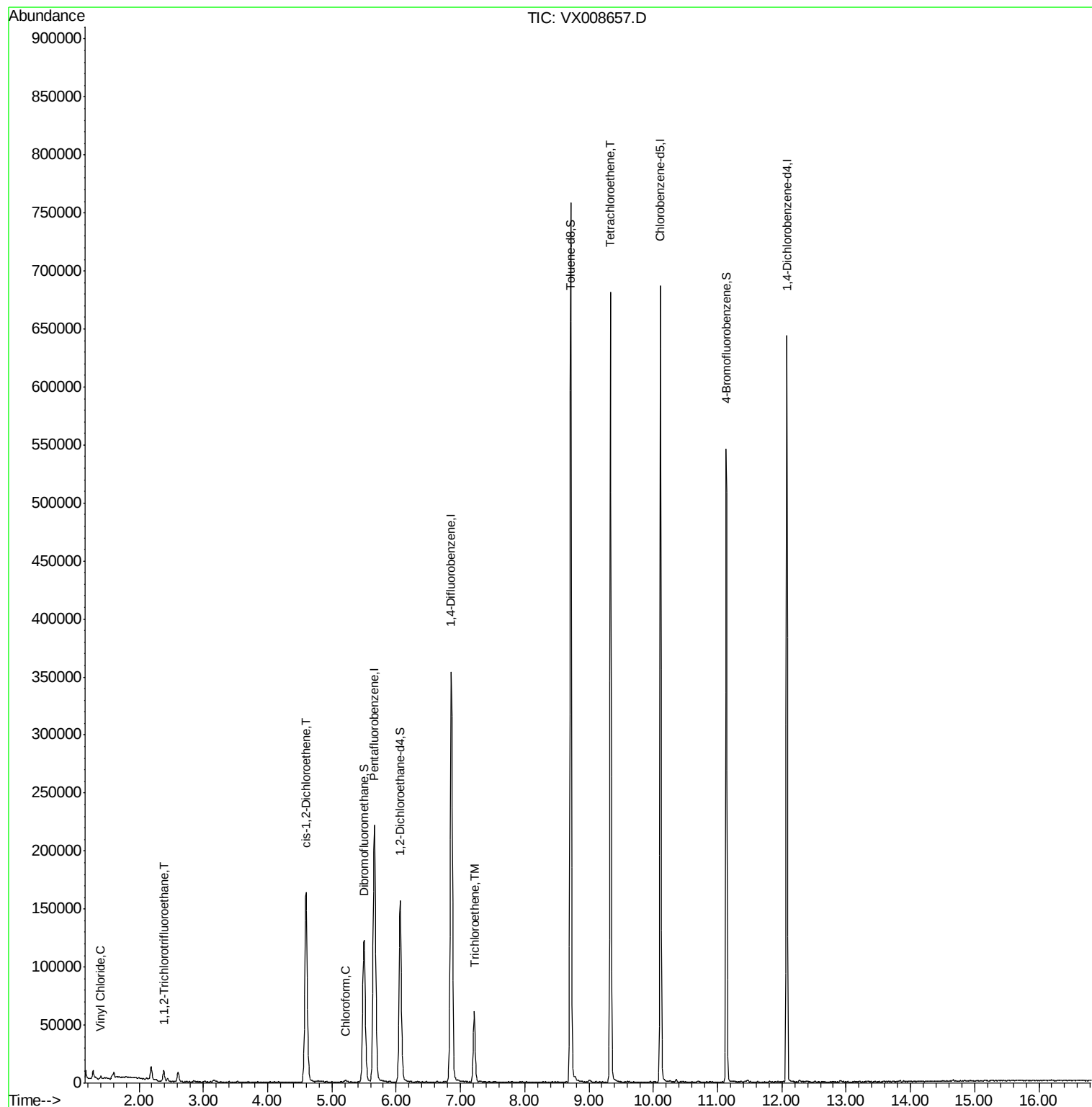
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	211666	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	353347	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	301561	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	127011	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	145313	47.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.14%	
35) Dibromofluoromethane	5.49	113	107420	47.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.10%	
50) Toluene-d8	8.71	98	436983	48.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.16%	
62) 4-Bromofluorobenzene	11.13	95	148164	46.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.90%	
Target Compounds						
4) Vinyl Chloride	1.40	62	1250	0.380	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.39	101	3968	1.693	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	101914	33.489	ug/l	89
30) Chloroform	5.21	83	1440	0.302	ug/l	95
44) Trichloroethene	7.21	130	22253	8.303	ug/l	100
64) Tetrachloroethene	9.34	164	129244	57.847	ug/l	97

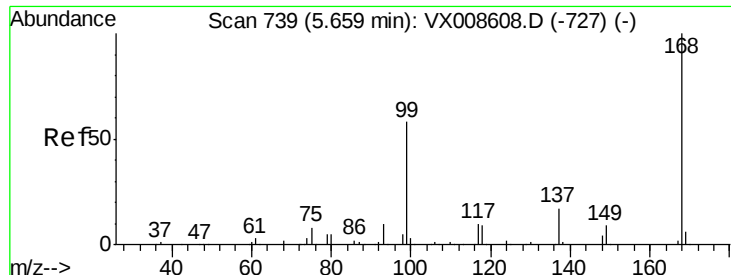
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.00 min

Lab File: VX008657.D

Acq: 05 Apr 2019 00:16

Instrument :

MSVOA_X

ClientSampleId :

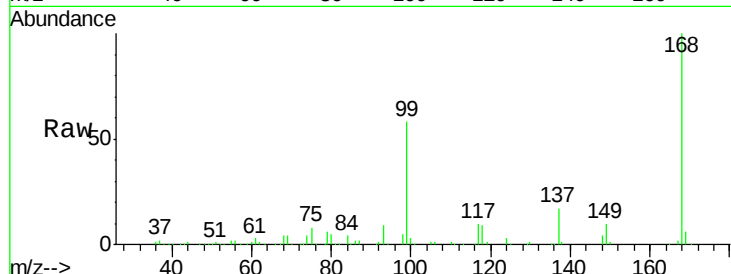
ST006RW116-190402

Tot Ion:168 Resp: 211666

Ion Ratio Lower Upper

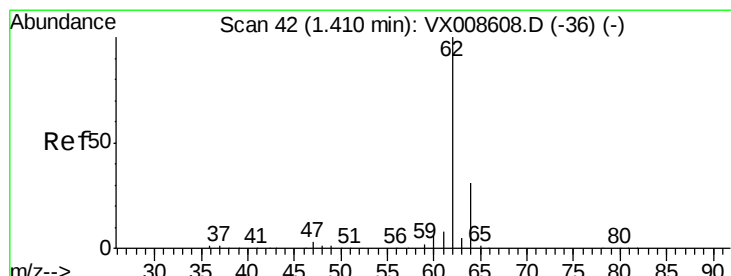
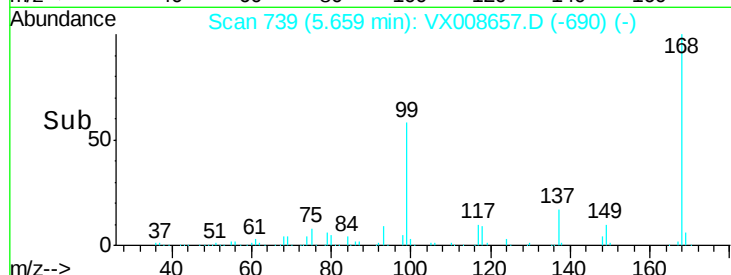
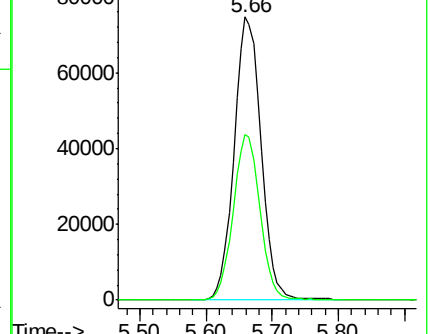
168 100

99 58.4 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#4

Vinyl Chloride

Concen: 0.380 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.01 min

Lab File: VX008657.D

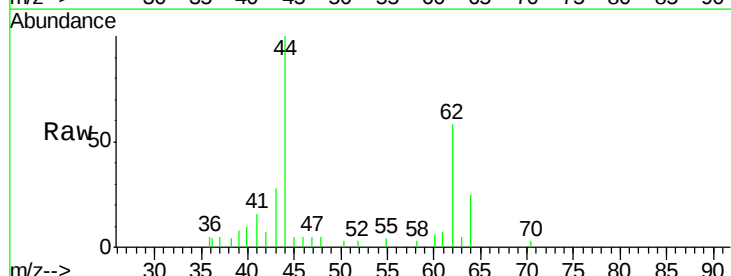
Acq: 05 Apr 2019 00:16

Tgt Ion: 62 Resp: 1250

Ion Ratio Lower Upper

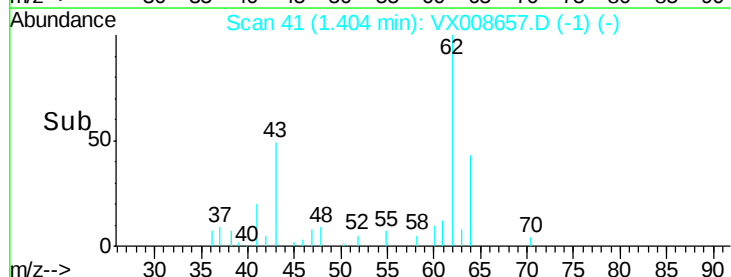
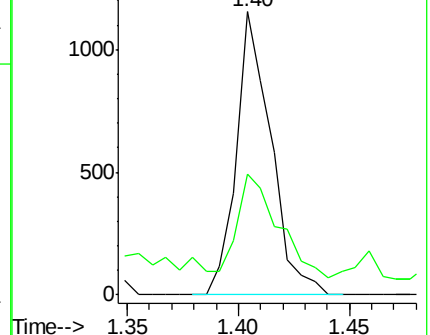
62 100

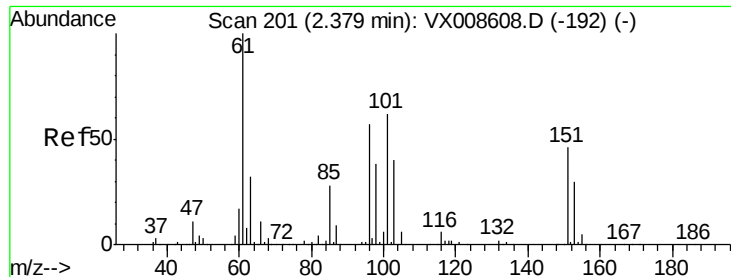
64 34.3 24.7 37.1



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.693 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX008657.D

Acq: 05 Apr 2019 00:16

Instrument :

MSVOA_X

ClientSampleId :

ST006RW116-190402

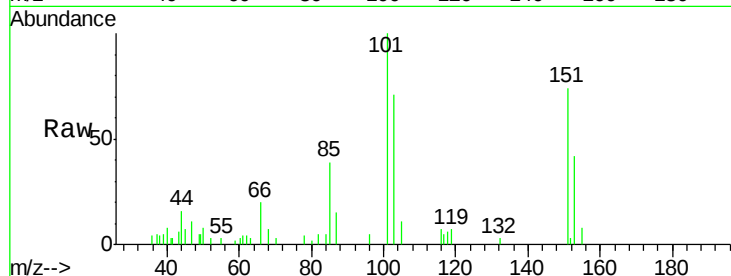
Tot Ion:101 Resp: 3968

Ion Ratio Lower Upper

101 100

85 42.7 36.0 54.0

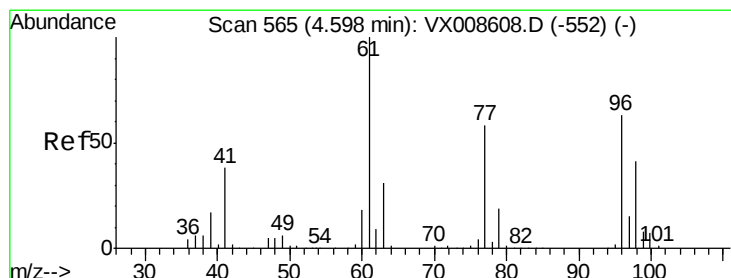
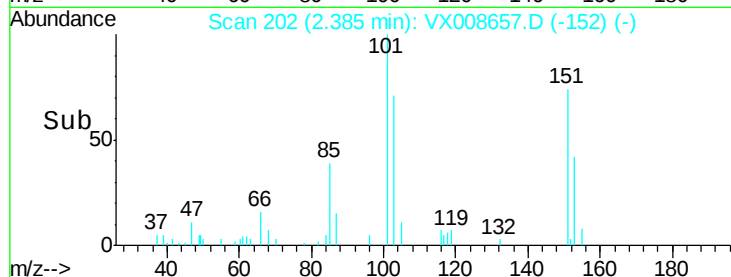
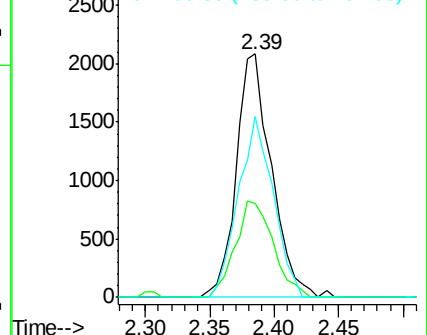
151 73.7 59.9 89.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#27

cis-1,2-Dichloroethene

Concen: 33.489 ug/l

RT: 4.60 min Scan# 565

Delta R.T. 0.00 min

Lab File: VX008657.D

Acq: 05 Apr 2019 00:16

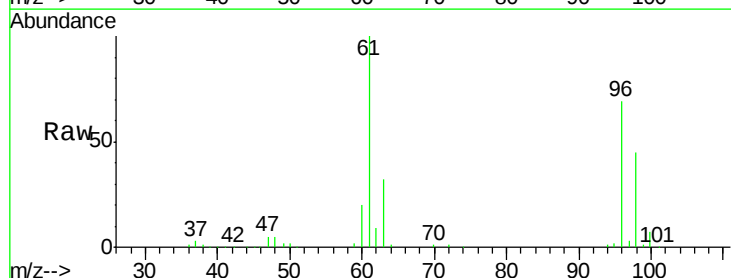
Tgt Ion: 96 Resp: 101914

Ion Ratio Lower Upper

96 100

61 144.0 0.0 327.6

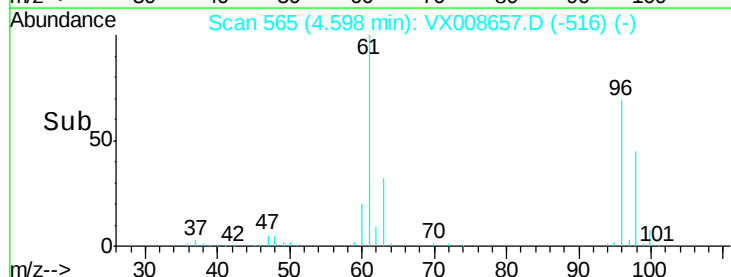
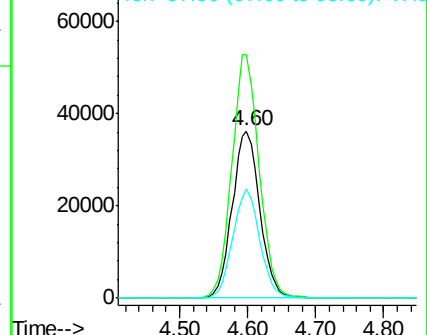
98 63.9 0.0 128.6

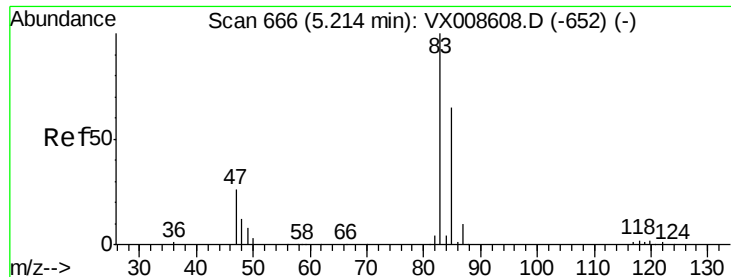


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

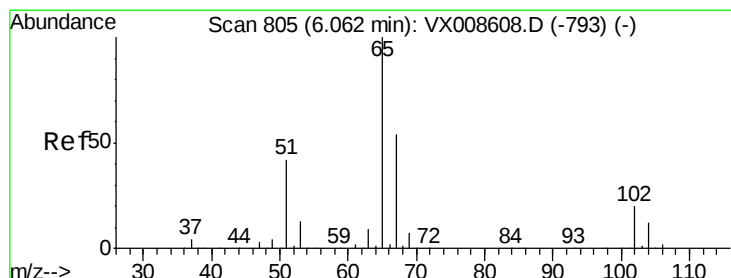
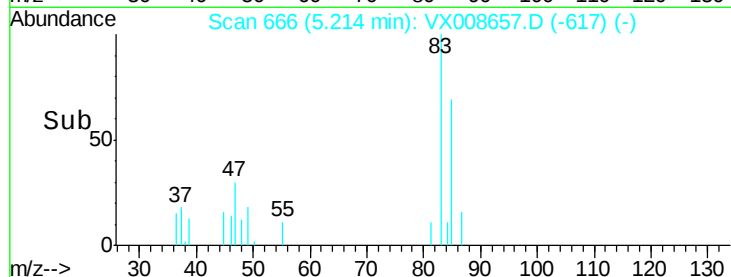
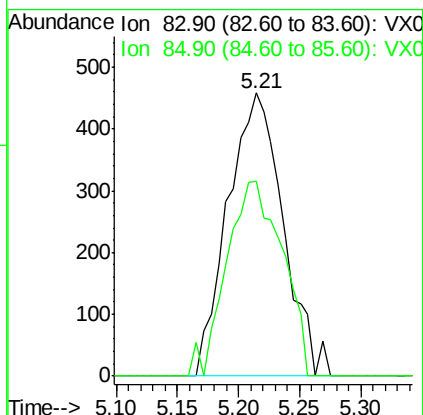
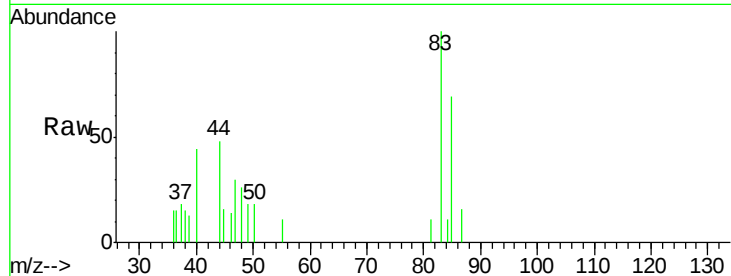




#30
Chloroform
Concen: 0.302 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX008657.D
Acq: 05 Apr 2019 00:16

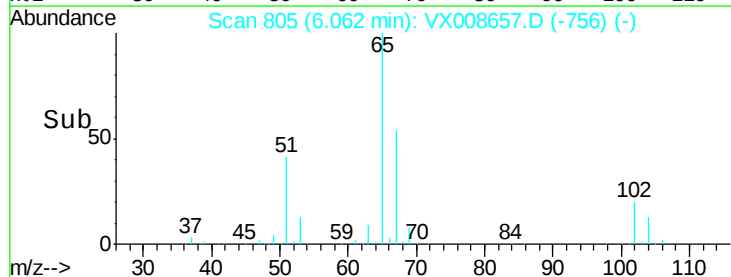
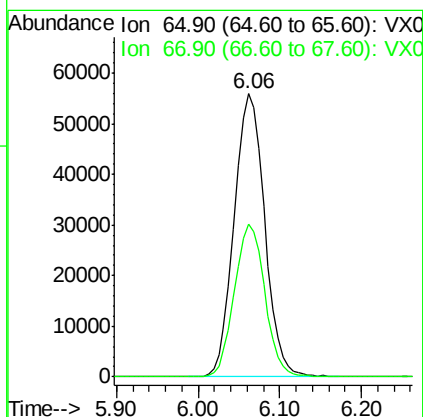
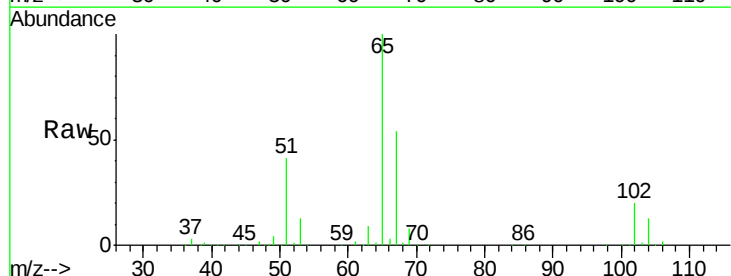
Instrument :
MSVOA_X
ClientSampleId :
ST006RW116-190402

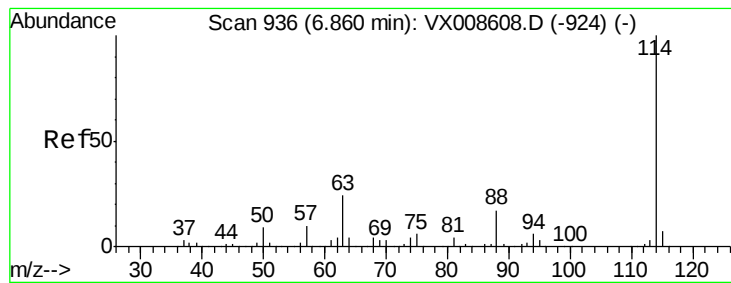
Tot Ion: 83 Resp: 1440
Ion Ratio Lower Upper
83 100
85 68.8 52.1 78.1



#33
1,2-Dichloroethane-d4
Concen: 47.068 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX008657.D
Acq: 05 Apr 2019 00:16

Tgt Ion: 65 Resp: 145313
Ion Ratio Lower Upper
65 100
67 53.7 0.0 107.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX008657.D

Acq: 05 Apr 2019 00:16

Instrument :

MSVOA_X

ClientSampleId :

ST006RW116-190402

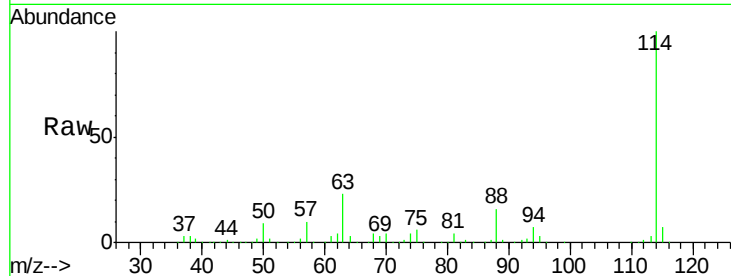
Tot Ion:114 Resp: 353347

Ion Ratio Lower Upper

114 100

63 22.8 0.0 47.2

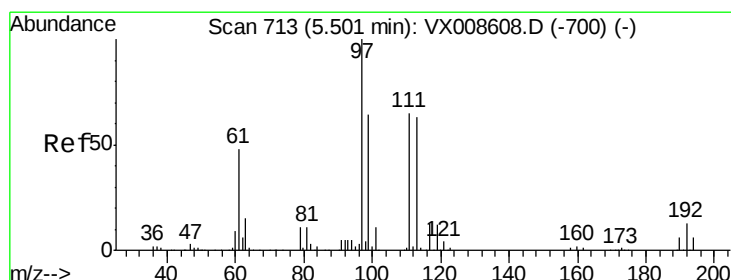
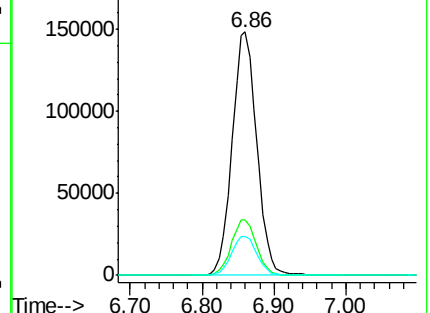
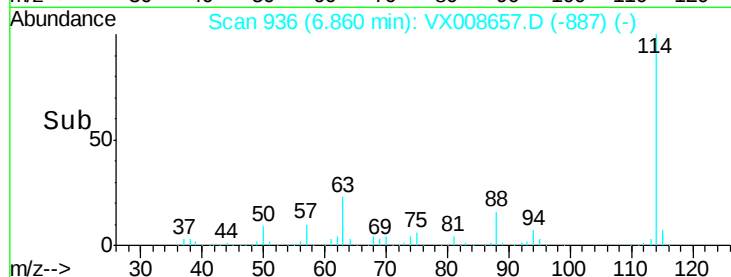
88 16.1 0.0 34.0



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: 47.548 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX008657.D

Acq: 05 Apr 2019 00:16

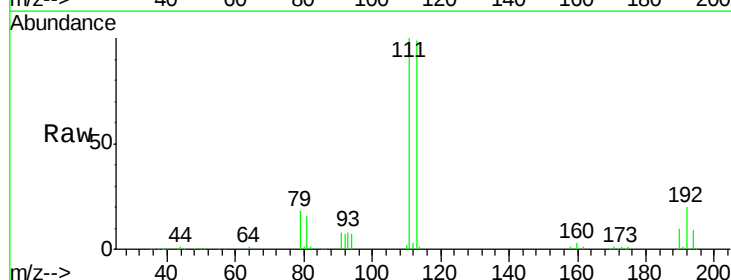
Tgt Ion:113 Resp: 107420

Ion Ratio Lower Upper

113 100

111 102.4 83.4 125.2

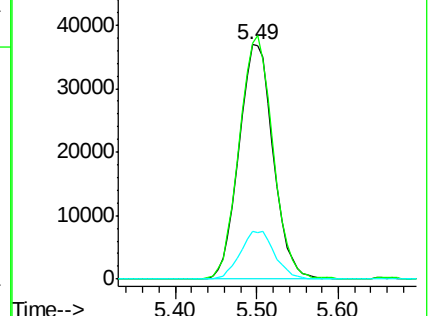
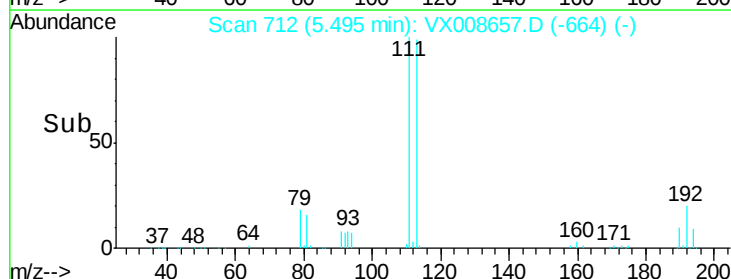
192 20.4 16.1 24.1

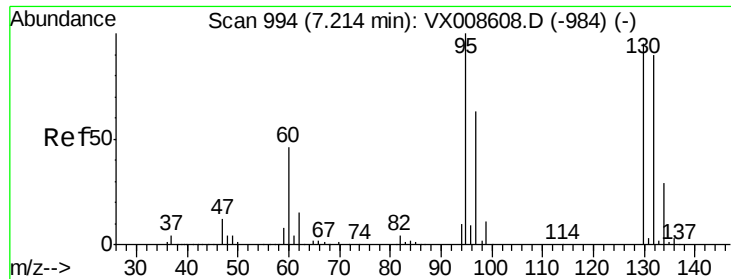


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

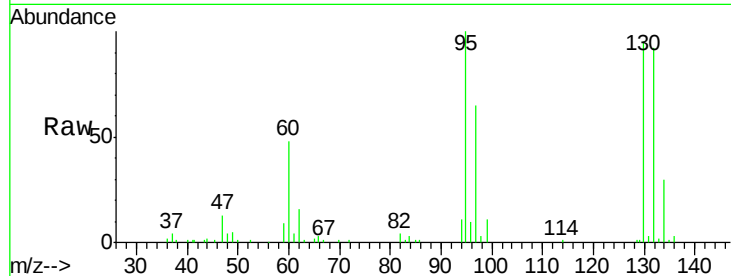




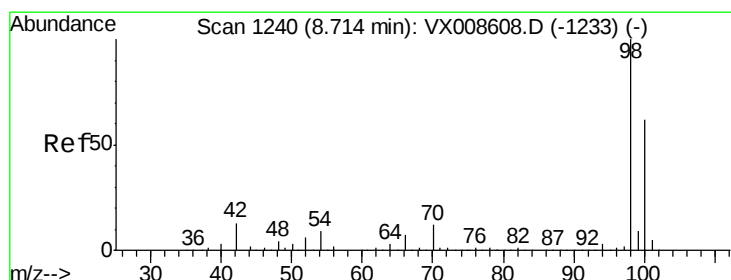
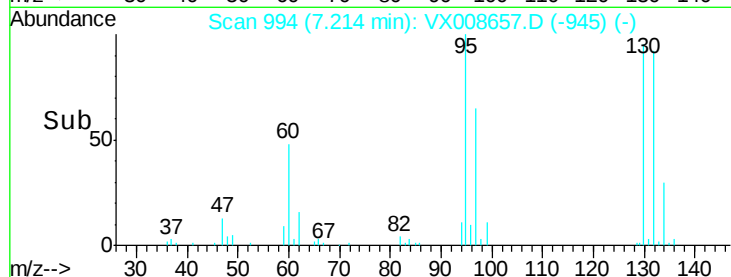
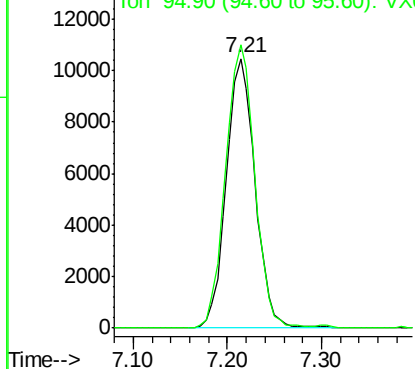
#44
 Trichloroethene
 Concen: 8.303 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX008657.D
 Acq: 05 Apr 2019 00:16

Instrument :
 MSVOA_X
 ClientSampleId :
 ST006RW116-190402

Tot Ion:130 Resp: 22253
 Ion Ratio Lower Upper
 130 100
 95 104.9 0.0 209.8

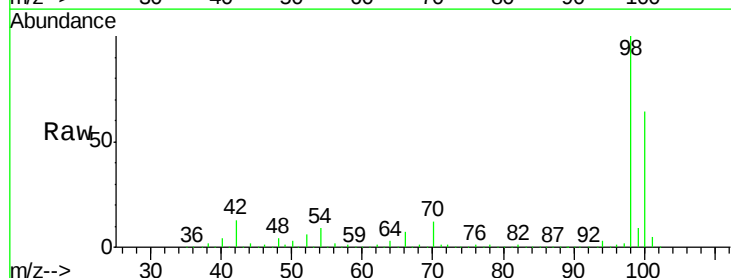


Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0

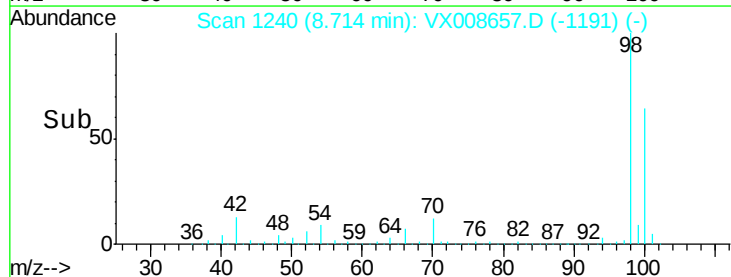
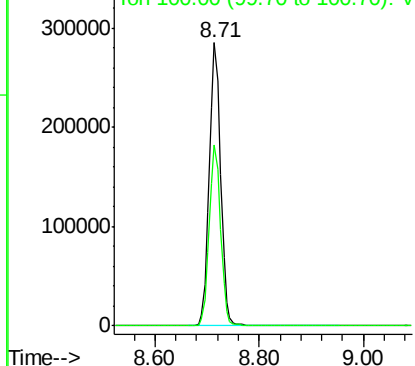


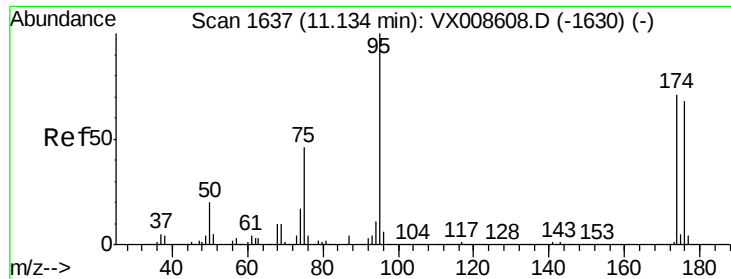
#50
 Toluene-d8
 Concen: 48.578 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX008657.D
 Acq: 05 Apr 2019 00:16

Tgt Ion: 98 Resp: 436983
 Ion Ratio Lower Upper
 98 100
 100 64.0 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VX0
 Ion 100.00 (99.70 to 100.70): VX0

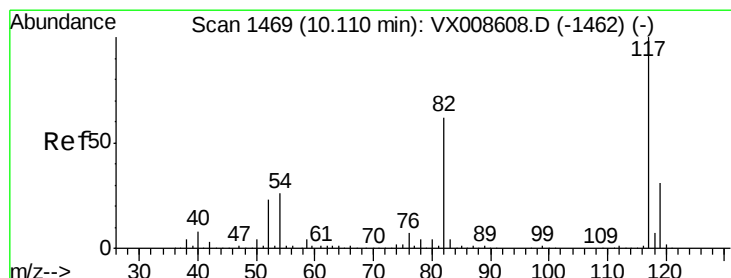
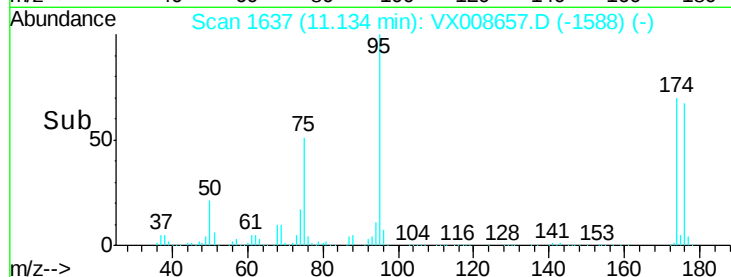
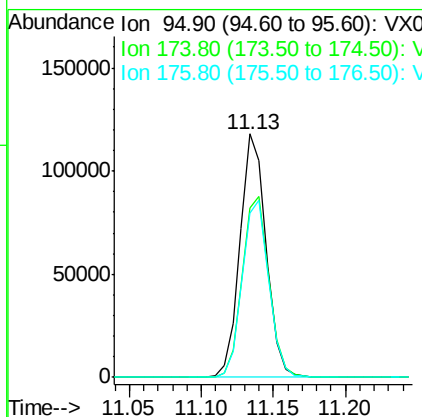
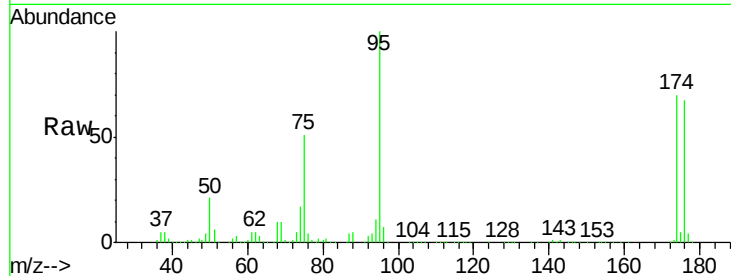




#62
4-Bromofluorobenzene
Concen: 46.448 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX008657.D
Acq: 05 Apr 2019 00:16

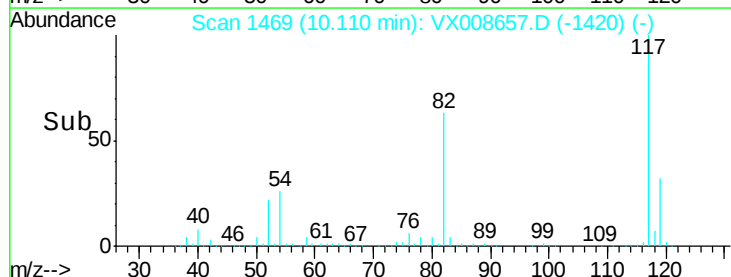
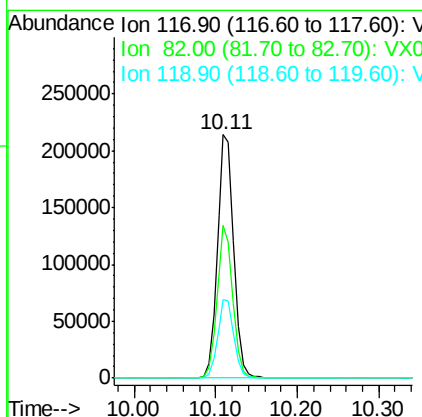
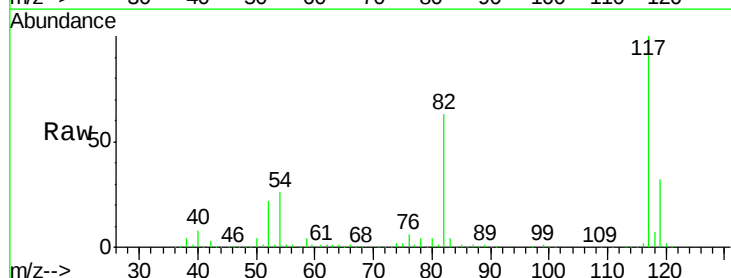
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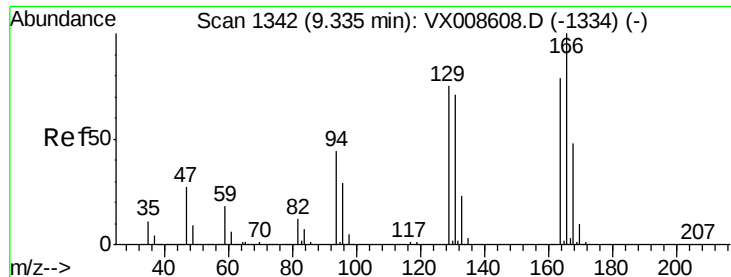
Tot Ion: 95 Resp: 148164
Ion Ratio Lower Upper
95 100
174 76.0 0.0 151.8
176 74.0 0.0 145.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008657.D
Acq: 05 Apr 2019 00:16

Tgt Ion: 117 Resp: 301561
Ion Ratio Lower Upper
117 100
82 62.8 49.6 74.4
119 32.2 25.0 37.4





#64

Tetrachloroethene

Concen: 57.847 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX008657.D

Acq: 05 Apr 2019 00:16

Instrument :

MSVOA_X

ClientSampleId :

ST006RW116-190402

Tot Ion:164 Resp: 129244

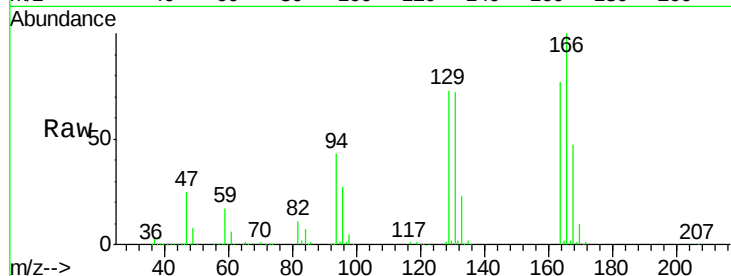
Ion Ratio Lower Upper

164 100

166 130.4 101.0 151.6

129 94.9 75.8 113.8

131 93.2 71.8 107.8

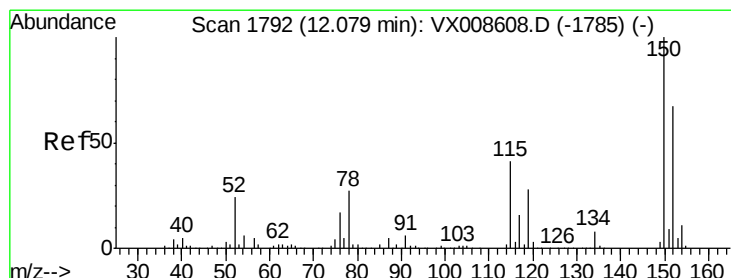
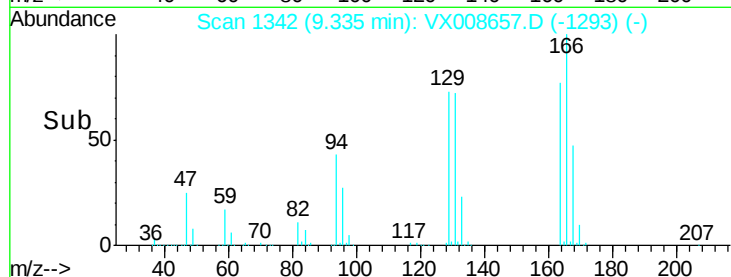
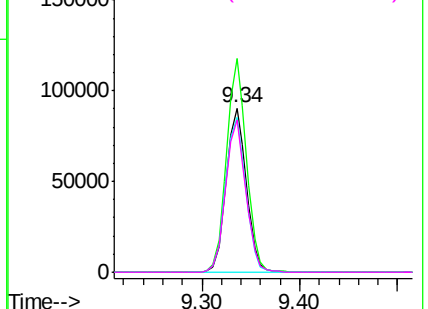


Abundance Ion 163.80 (163.50 to 164.50): V

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: VX008657.D

Acq: 05 Apr 2019 00:16

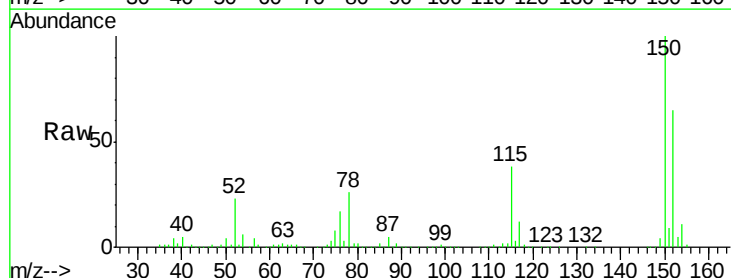
Tgt Ion:152 Resp: 127011

Ion Ratio Lower Upper

152 100

115 59.6 43.5 130.5

150 157.1 0.0 348.8



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

