

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040419\
 Data File : VX008659.D
 Acq On : 05 Apr 2019 01:03
 Operator : JC/SP
 Sample : K2274-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-0504-190402

Quant Time: Apr 05 11:06:18 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

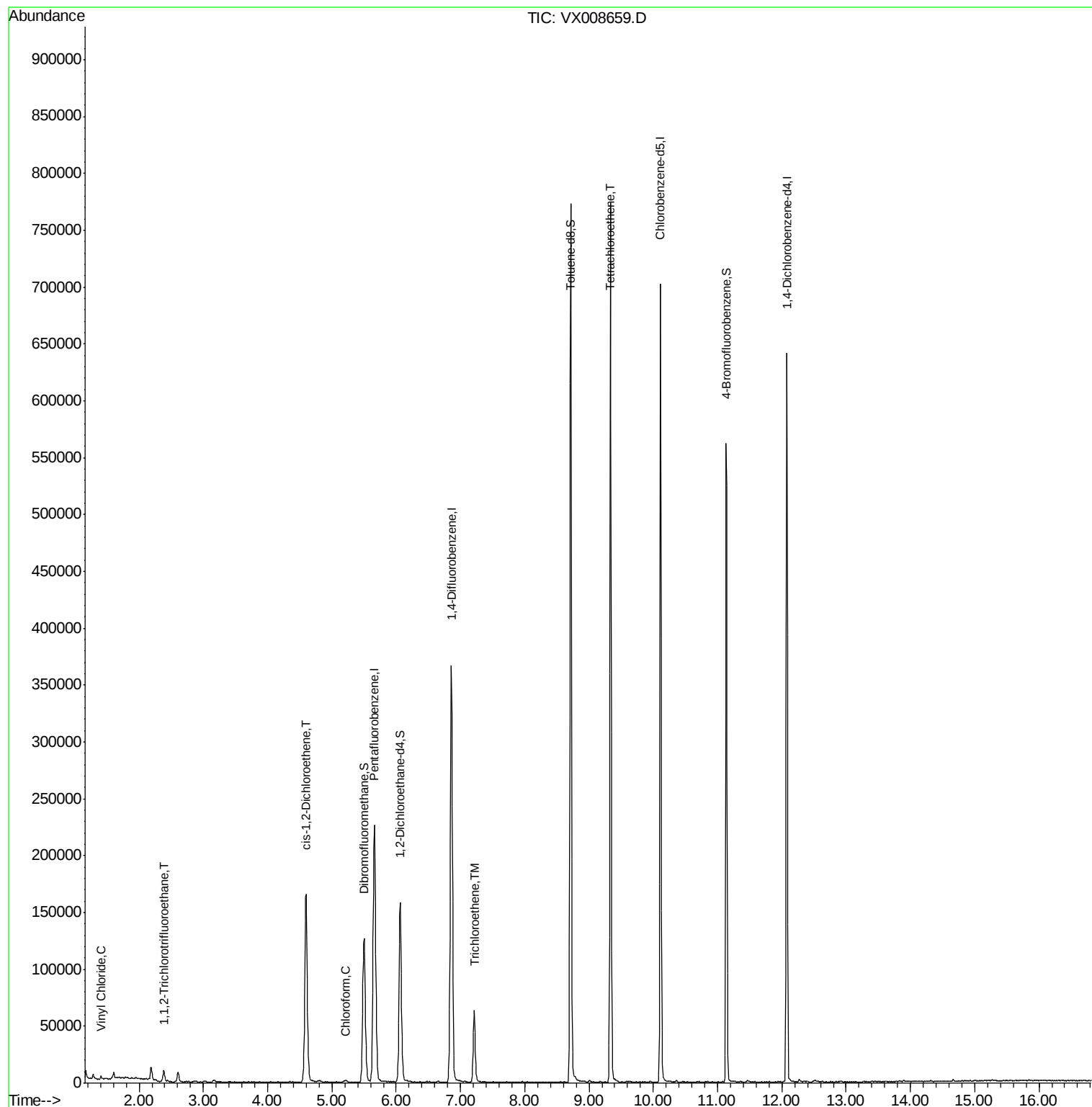
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	216573	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	359351	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	312544	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	128150	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	149304	47.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.54%	
35) Dibromofluoromethane	5.50	113	110213	47.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.94%	
50) Toluene-d8	8.71	98	452157	49.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.86%	
62) 4-Bromofluorobenzene	11.13	95	151497	46.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.40%	
Target Compounds						
4) Vinyl Chloride	1.41	62	1385	0.411	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	2.39	101	3867	1.612	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	103086	33.107	ug/l	88
30) Chloroform	5.21	83	1531	0.313	ug/l	97
44) Trichloroethene	7.21	130	23832	8.744	ug/l	96
64) Tetrachloroethene	9.34	164	143196	61.839	ug/l	98

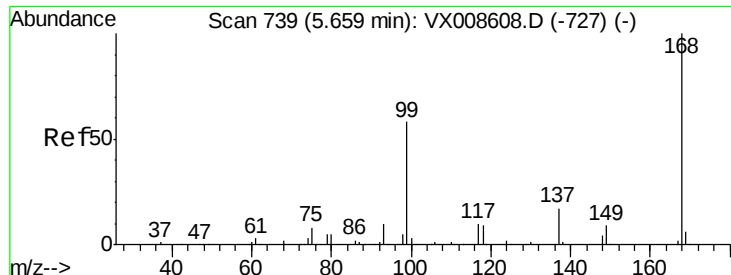
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Apr 04 04:47:41 2019
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: VX008659.D

Acq: 05 Apr 2019 01:03

Instrument :

MSVOA_X

ClientSampleId :

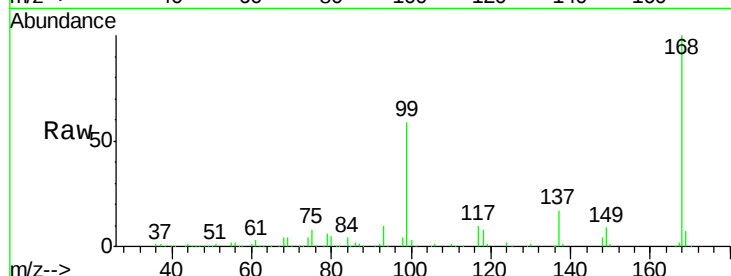
DUP-0504-190402

Tot Ion:168 Resp: 216573

Ion Ratio Lower Upper

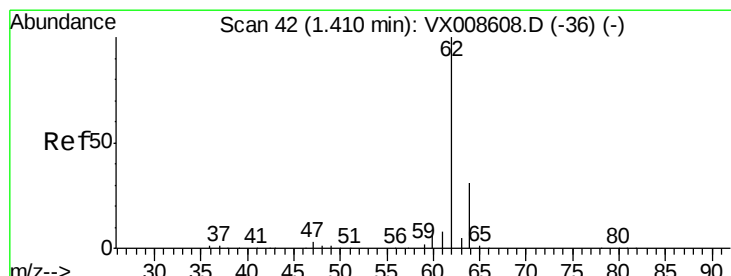
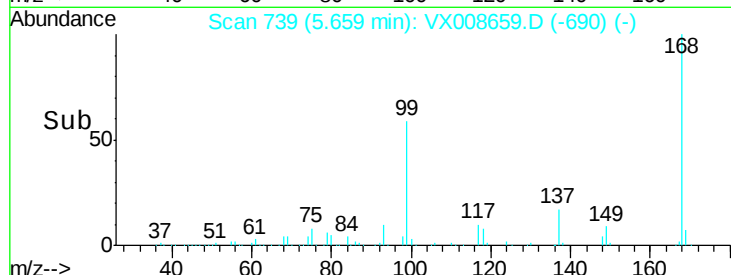
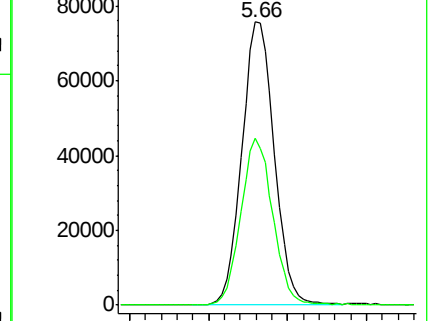
168 100

99 59.0 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: 0.411 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX008659.D

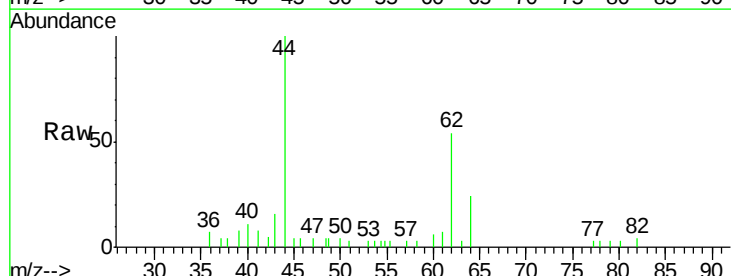
Acq: 05 Apr 2019 01:03

Tgt Ion: 62 Resp: 1385

Ion Ratio Lower Upper

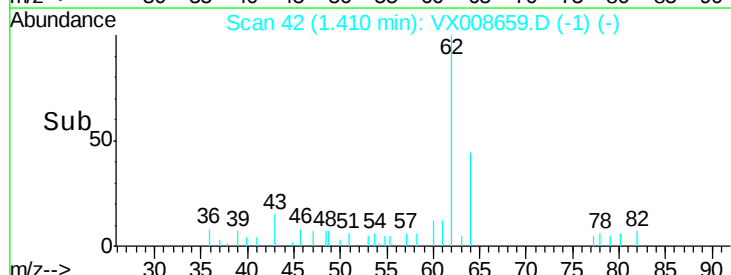
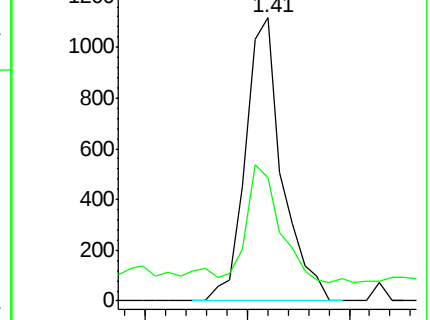
62 100

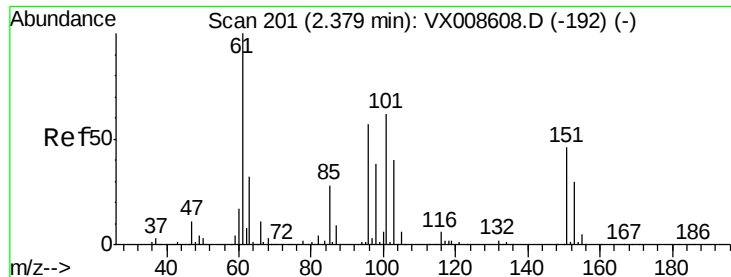
64 35.8 24.7 37.1



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: 1.612 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX008659.D

Acq: 05 Apr 2019 01:03

Instrument :

MSVOA_X

ClientSampleId :

DUP-0504-190402

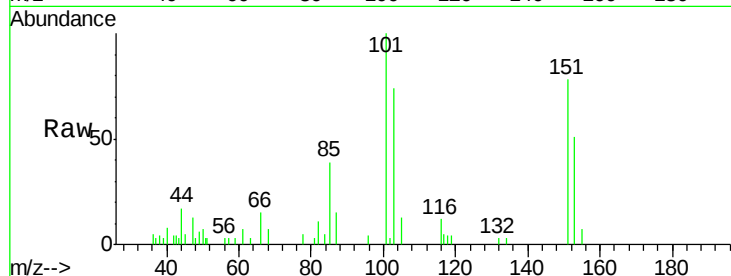
Tot Ion:101 Resp: 3867

Ion Ratio Lower Upper

101 100

85 49.5 36.0 54.0

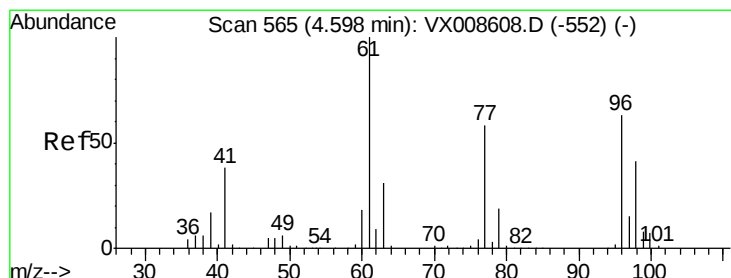
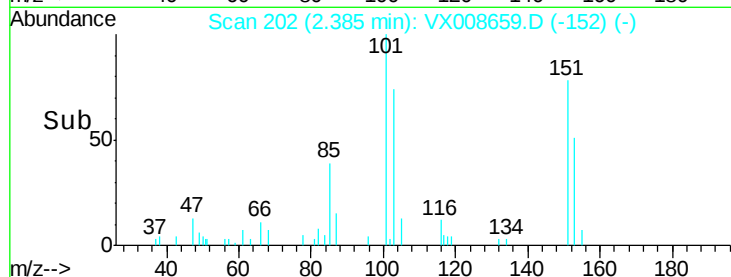
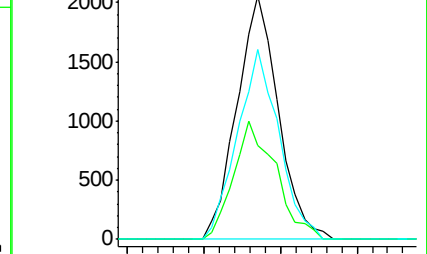
151 78.6 59.9 89.9



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: 33.107 ug/l

RT: 4.60 min Scan# 565

Delta R.T. -0.00 min

Lab File: VX008659.D

Acq: 05 Apr 2019 01:03

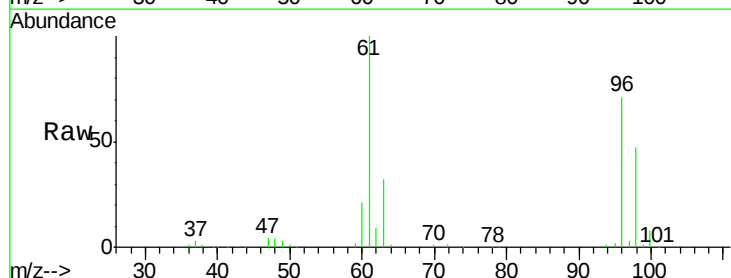
Tgt Ion: 96 Resp: 103086

Ion Ratio Lower Upper

96 100

61 142.3 0.0 327.6

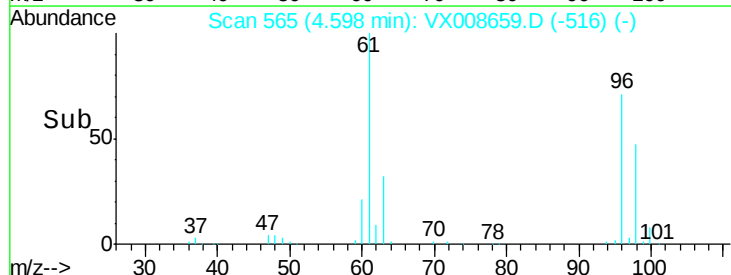
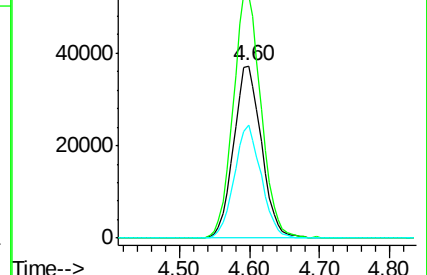
98 63.8 0.0 128.6

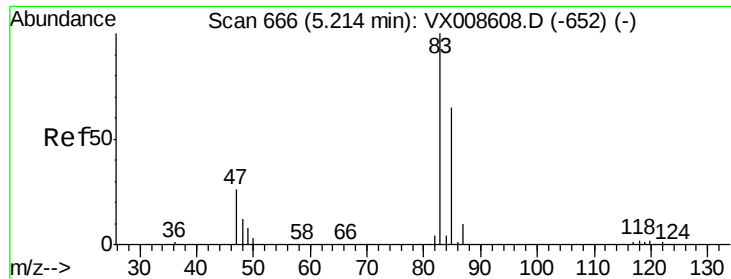


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

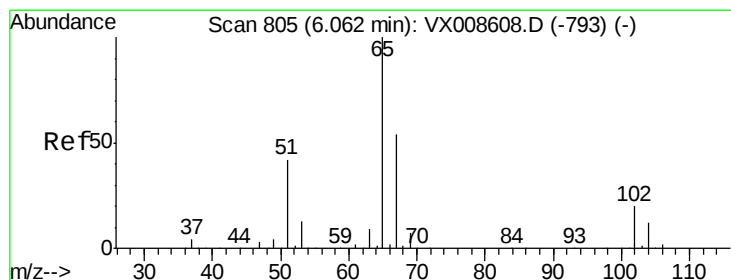
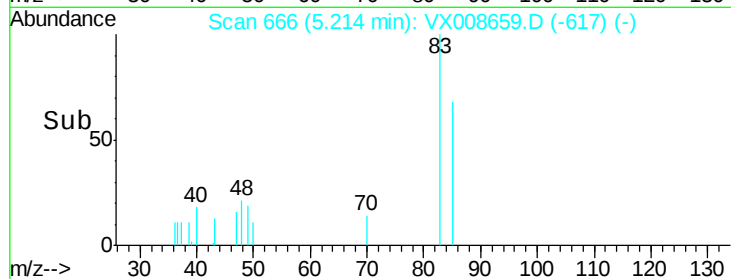
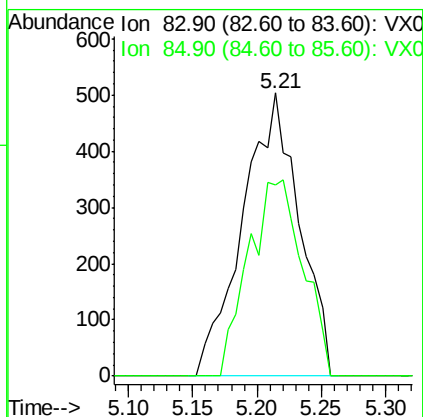
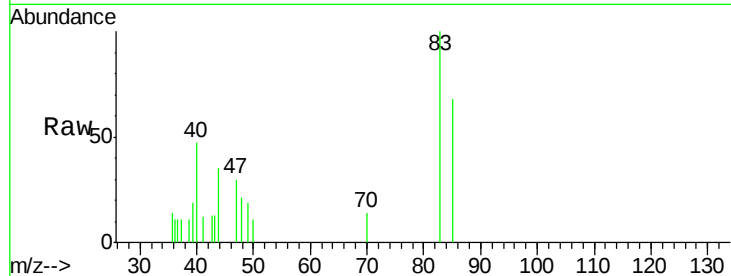




#30
Chloroform
Concen: 0.313 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX008659.D
Acq: 05 Apr 2019 01:03

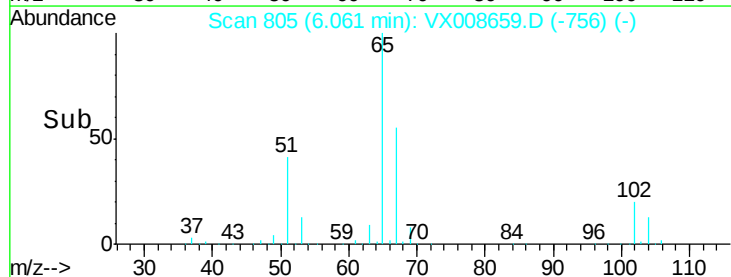
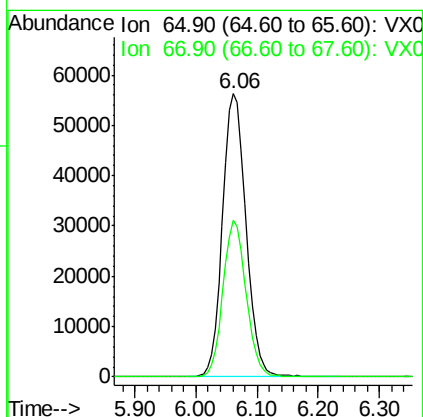
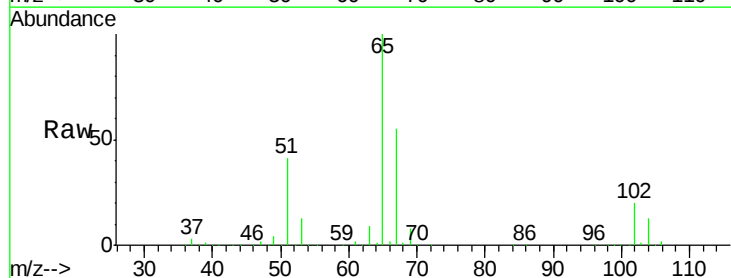
Instrument :
MSVOA_X
ClientSampleId :
DUP-0504-190402

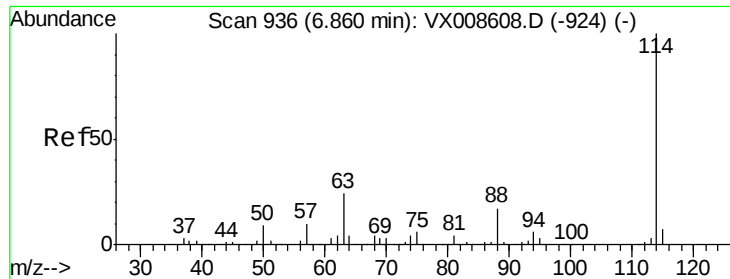
Tot Ion: 83 Resp: 1531
Ion Ratio Lower Upper
83 100
85 67.6 52.1 78.1



#33
1,2-Dichloroethane-d4
Concen: 47.265 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX008659.D
Acq: 05 Apr 2019 01:03

Tgt Ion: 65 Resp: 149304
Ion Ratio Lower Upper
65 100
67 54.0 0.0 107.2

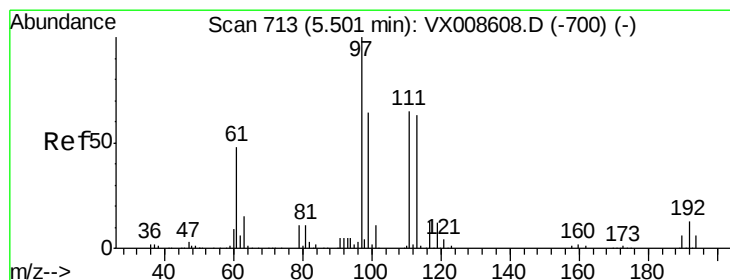
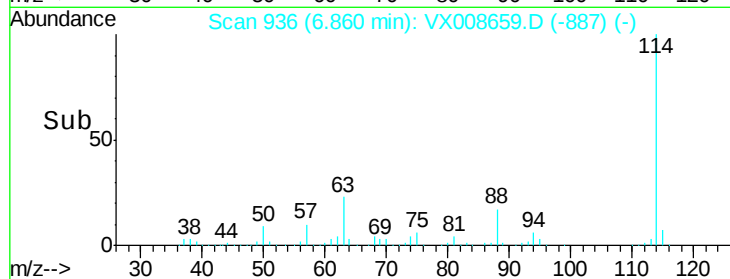
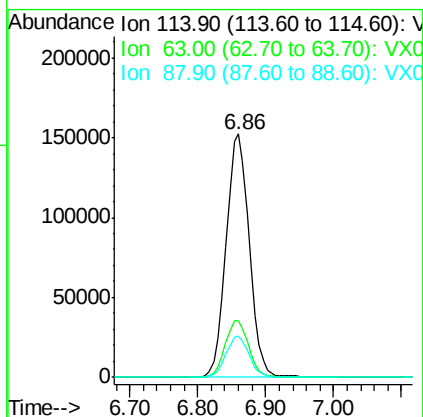
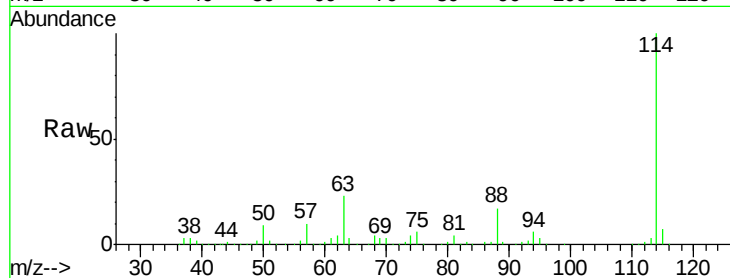




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008659.D
 Acq: 05 Apr 2019 01:03

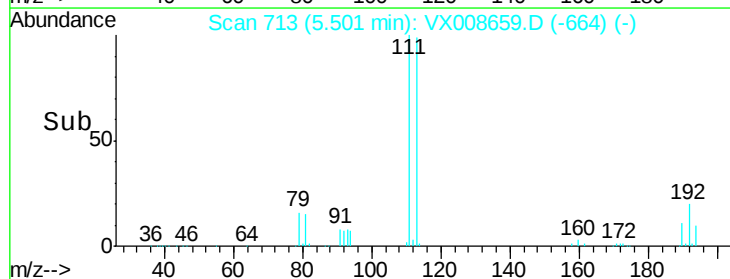
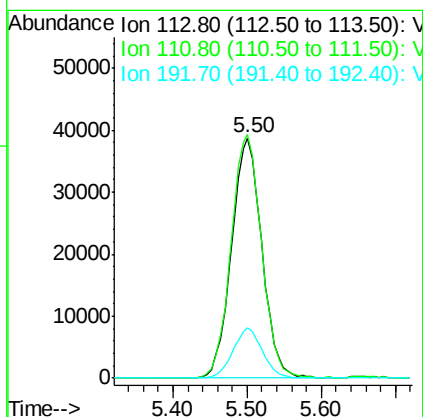
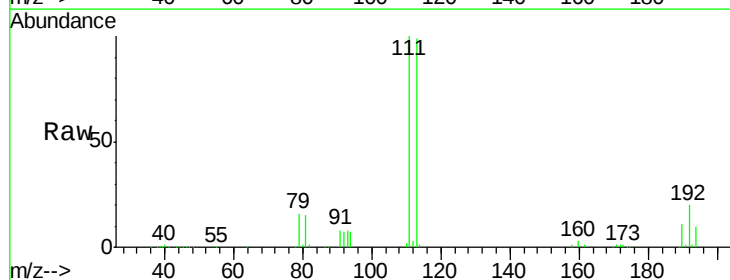
Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-0504-190402

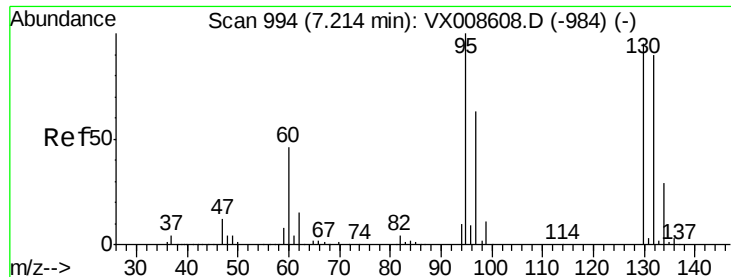
Tot Ion:114 Resp: 359351
 Ion Ratio Lower Upper
 114 100
 63 23.4 0.0 47.2
 88 17.0 0.0 34.0



#35
 Dibromofluoromethane
 Concen: 47.970 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX008659.D
 Acq: 05 Apr 2019 01:03

Tgt Ion:113 Resp: 110213
 Ion Ratio Lower Upper
 113 100
 111 102.2 83.4 125.2
 192 20.3 16.1 24.1





#44

Trichloroethene

Concen: 8.744 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX008659.D

Acq: 05 Apr 2019 01:03

Instrument :

MSVOA_X

ClientSampleId :

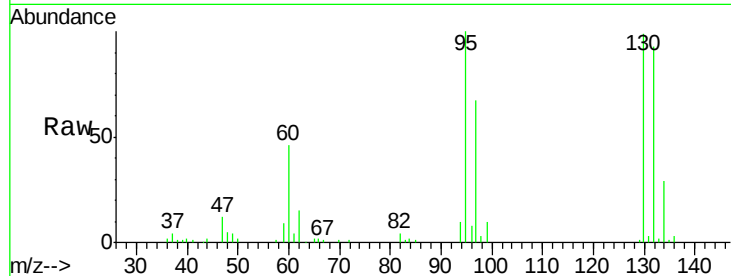
DUP-0504-190402

Tot Ion:130 Resp: 23832

Ion Ratio Lower Upper

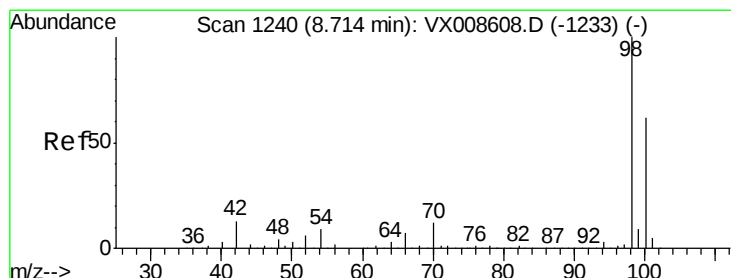
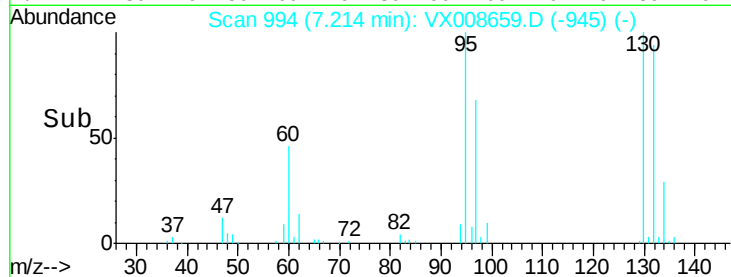
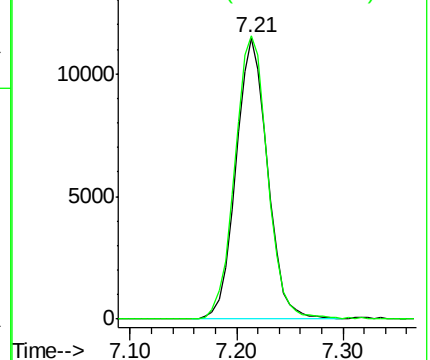
130 100

95 100.8 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: 49.426 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008659.D

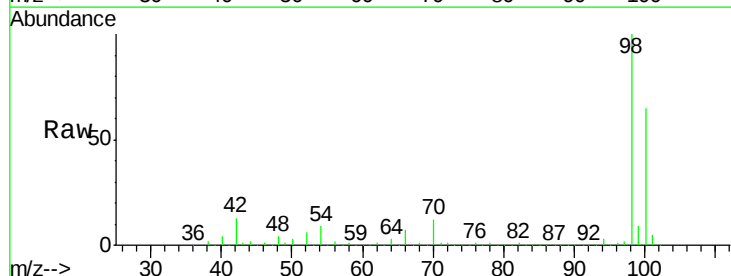
Acq: 05 Apr 2019 01:03

Tgt Ion: 98 Resp: 452157

Ion Ratio Lower Upper

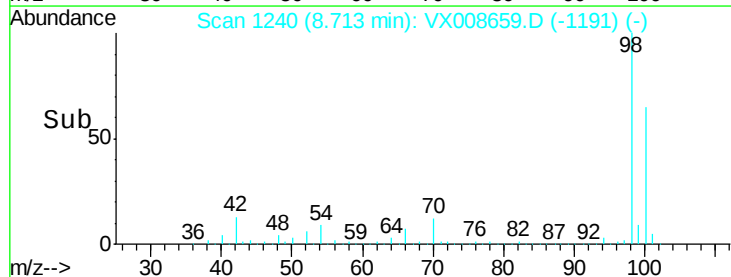
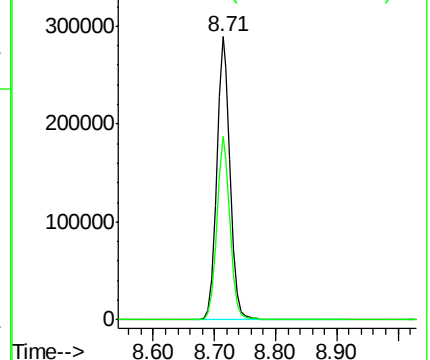
98 100

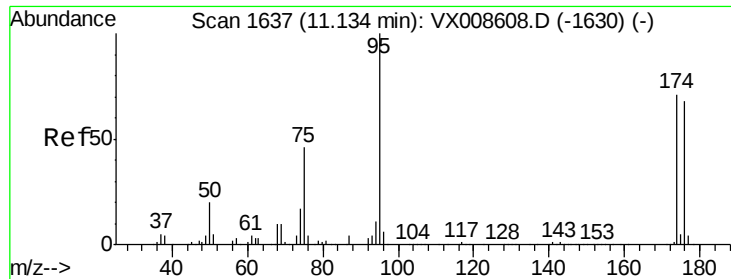
100 64.2 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 46.699 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008659.D

Acq: 05 Apr 2019 01:03

Instrument :

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ClientSampleId :

DUP-0504-190402

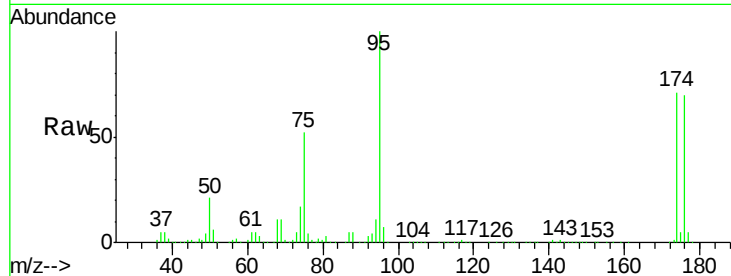
Tot Ion: 95 Resp: 151497

Ion Ratio Lower Upper

95 100

174 76.0 0.0 151.8

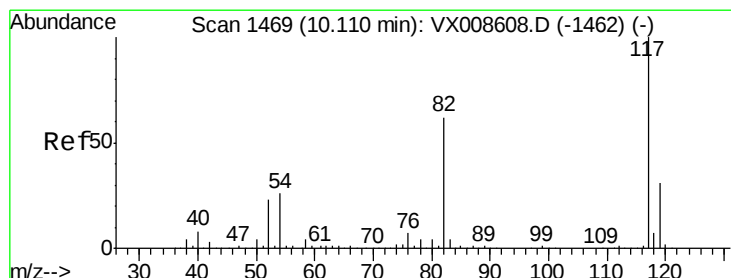
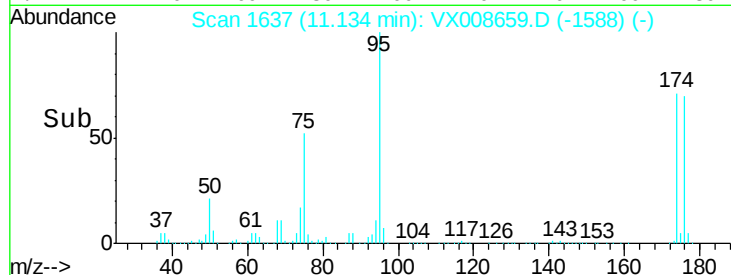
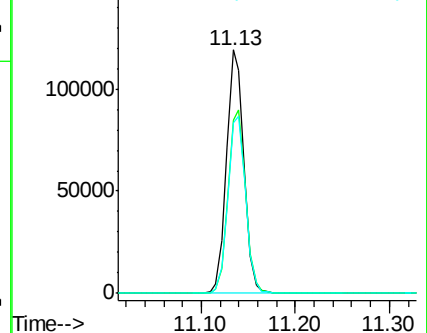
176 74.3 0.0 145.8



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. -0.00 min

Lab File: VX008659.D

Acq: 05 Apr 2019 01:03

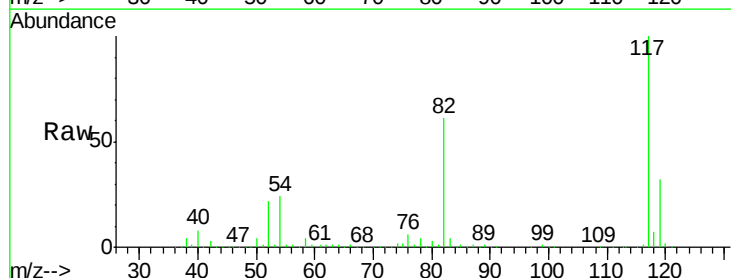
Tgt Ion: 117 Resp: 312544

Ion Ratio Lower Upper

117 100

82 60.9 49.6 74.4

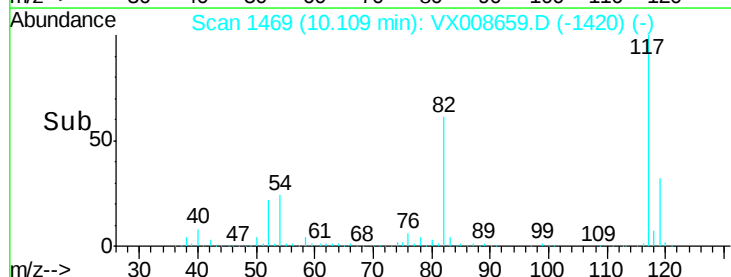
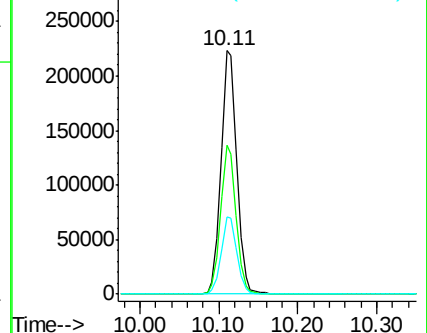
119 31.6 25.0 37.4

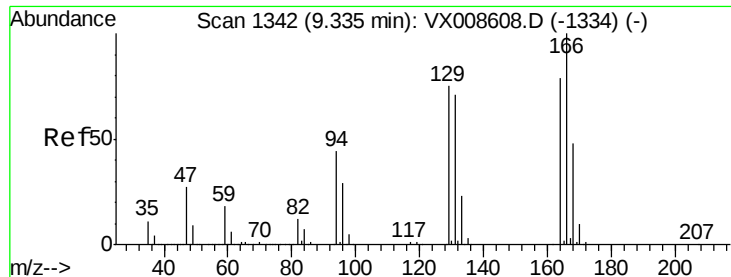


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#64

Tetrachloroethene

Concen: 61.839 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX008659.D

Acq: 05 Apr 2019 01:03

Instrument :

MSVOA_X

ClientSampleId :

DUP-0504-190402

Tot Ion:164 Resp: 143196

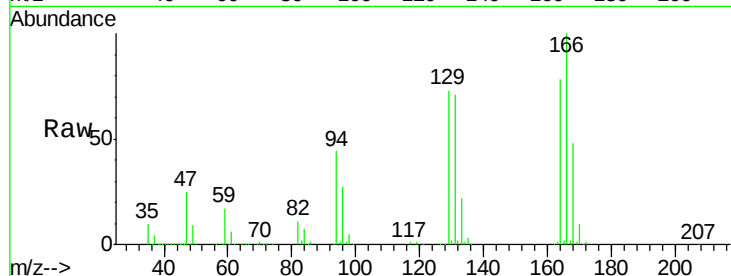
Ion Ratio Lower Upper

164 100

166 128.9 101.0 151.6

129 94.7 75.8 113.8

131 91.7 71.8 107.8

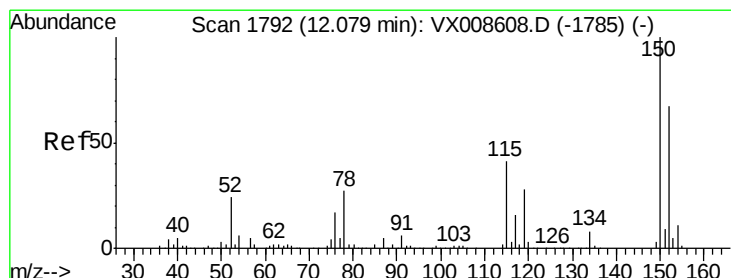
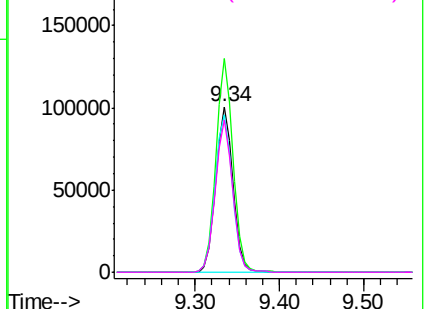
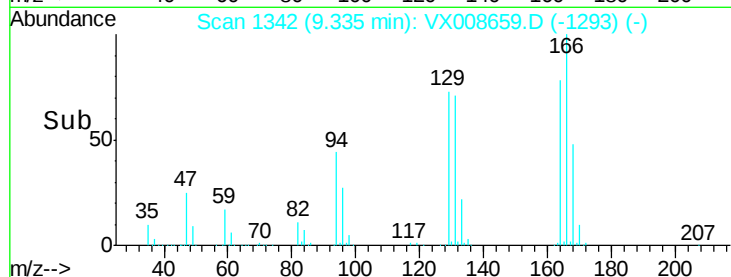


Abundance Ion 163.80 (163.50 to 164.50): V

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: VX008659.D

Acq: 05 Apr 2019 01:03

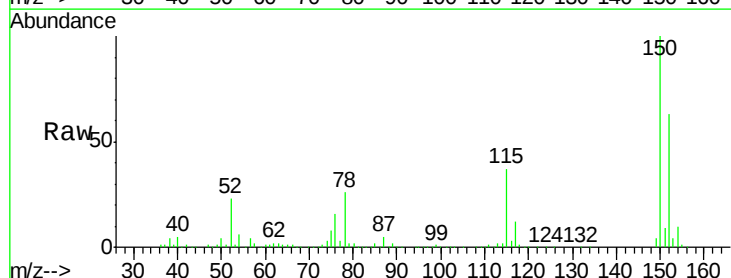
Tgt Ion:152 Resp: 128150

Ion Ratio Lower Upper

152 100

115 60.1 43.5 130.5

150 157.4 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

