

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX040519\
 Data File : VX008692.D
 Acq On : 05 Apr 2019 19:19
 Operator : JC/SP
 Sample : K2274-08DL 40X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ST006RW149-190402DL

Quant Time: Apr 06 03:10:29 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

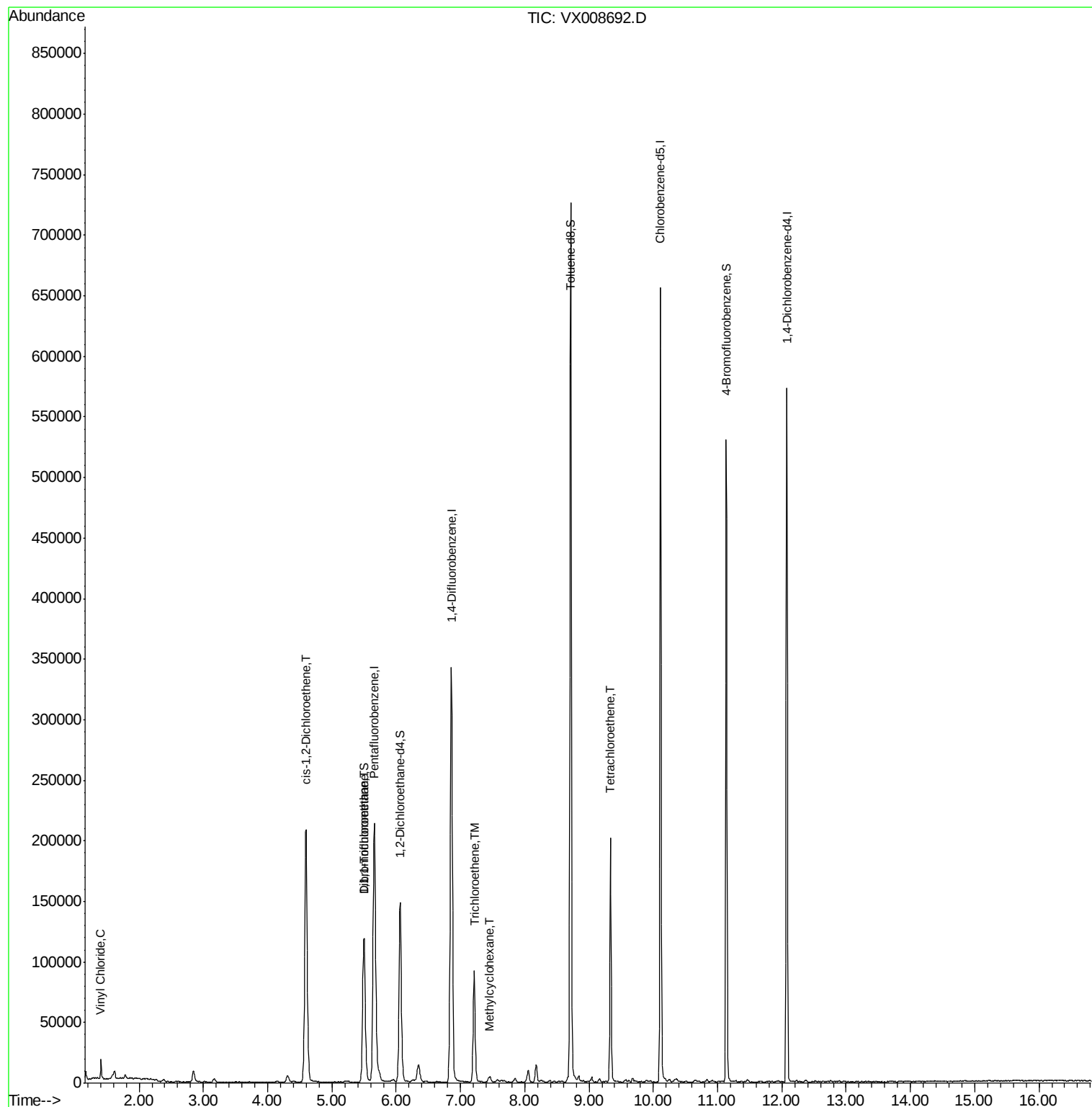
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	204681	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	339259	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	286488	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	118022	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	139713	46.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.60%	
35) Dibromofluoromethane	5.50	113	102924	47.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.90%	
50) Toluene-d8	8.71	98	423100	48.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.98%	
62) 4-Bromofluorobenzene	11.13	95	139699	45.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.22%	
Target Compounds						
4) Vinyl Chloride	1.40	62	10649	3.344	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	130138	44.223	ug/l	89
32) 1,1,1-Trichloroethane	5.50	97	1103	0.296	ug/l #	41
39) Methylcyclohexane	7.46	83	1559	0.340	ug/l #	89
44) Trichloroethene	7.21	130	33798	13.135	ug/l	99
64) Tetrachloroethene	9.34	164	38282	18.036	ug/l	99

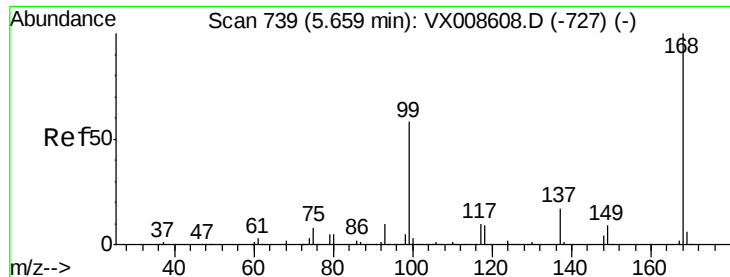
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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: VX008692.D

Acq: 05 Apr 2019 19:19

Instrument :

MSVOA_X

ClientSampleId :

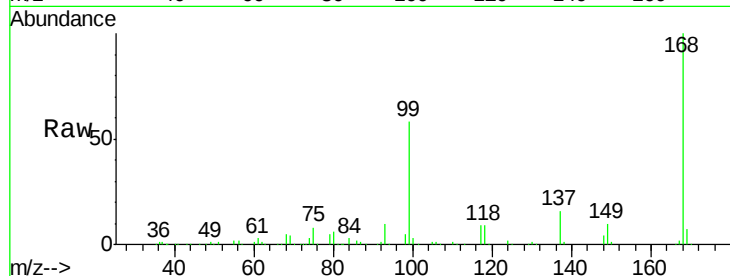
ST006RW149-190402DL

Tgt Ion:168 Resp: 204681

Ion Ratio Lower Upper

168 100

99 57.8 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

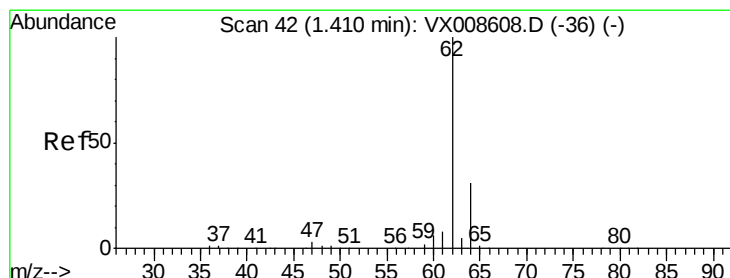
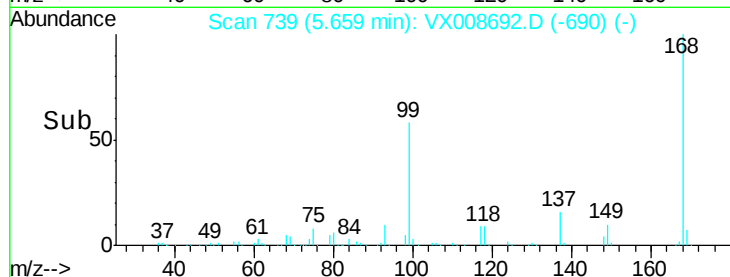
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#4

Vinyl Chloride

Concen: 3.344 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.01 min

Lab File: VX008692.D

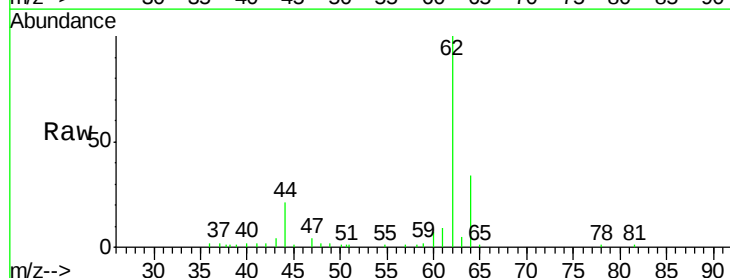
Acq: 05 Apr 2019 19:19

Tgt Ion: 62 Resp: 10649

Ion Ratio Lower Upper

62 100

64 33.0 24.7 37.1



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

10000

8000

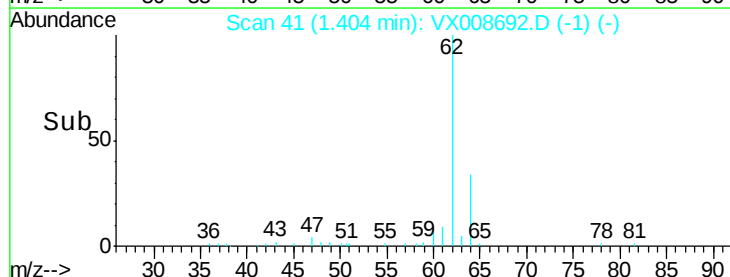
6000

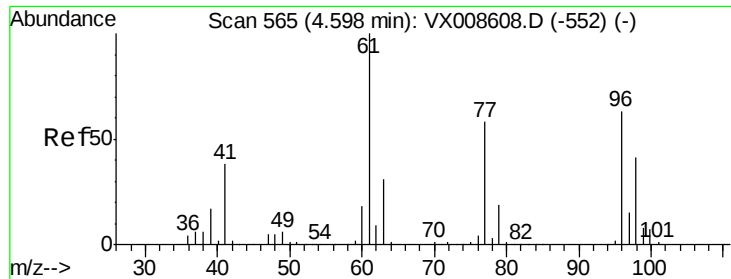
4000

2000

0

Time--> 1.35 1.40 1.45 1.50



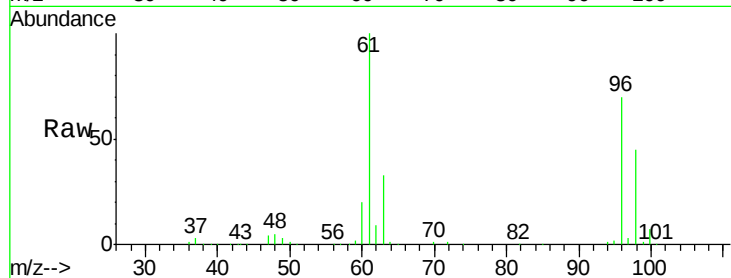


#27

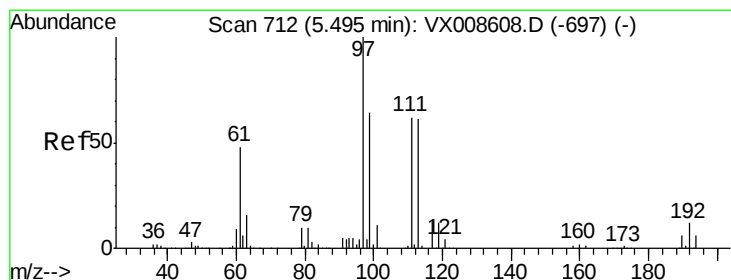
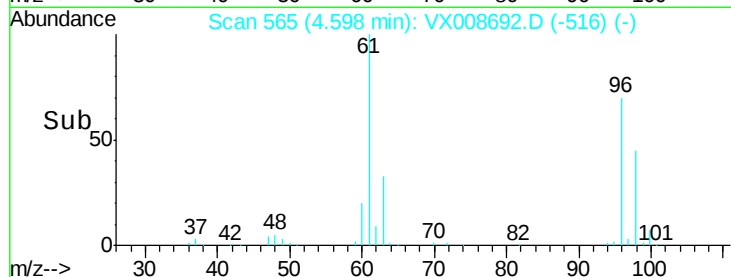
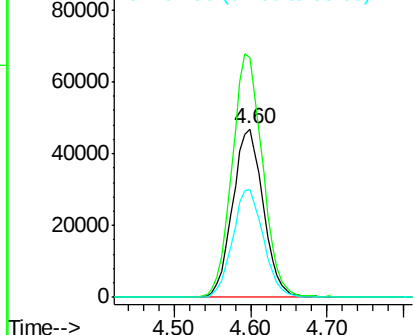
cis-1,2-Dichloroethene
Concen: 44.223 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX008692.D
Acq: 05 Apr 2019 19:19

Instrument :
MSVOA_X
ClientSampleId :
ST006RW149-190402DL

Tgt Ion: 96 Resp: 130138
Ion Ratio Lower Upper
96 100
61 143.9 0.0 327.6
98 64.4 0.0 128.6



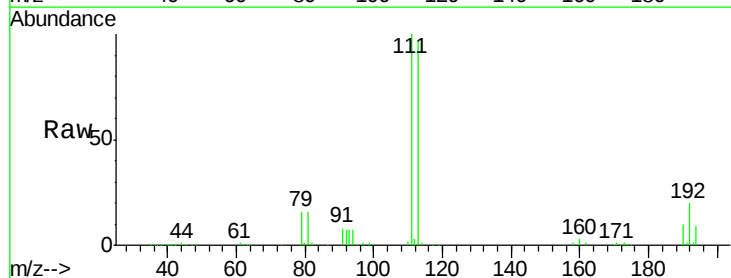
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



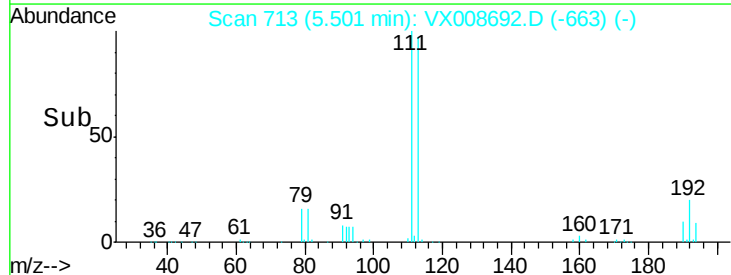
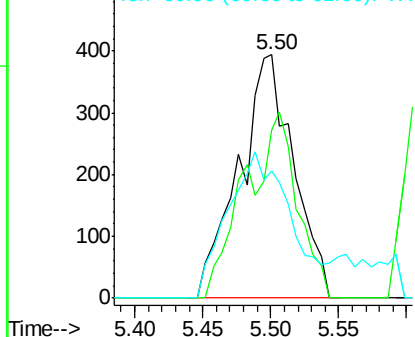
#32

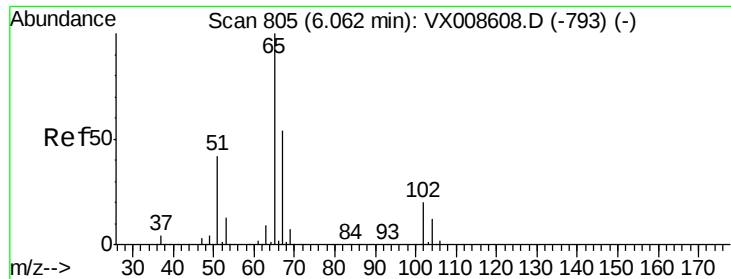
1,1,1-Trichloroethane
Concen: 0.296 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.01 min
Lab File: VX008692.D
Acq: 05 Apr 2019 19:19

Tgt Ion: 97 Resp: 1103
Ion Ratio Lower Upper
97 100
99 0.0 51.3 76.9#
61 68.0 38.9 58.3#



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0

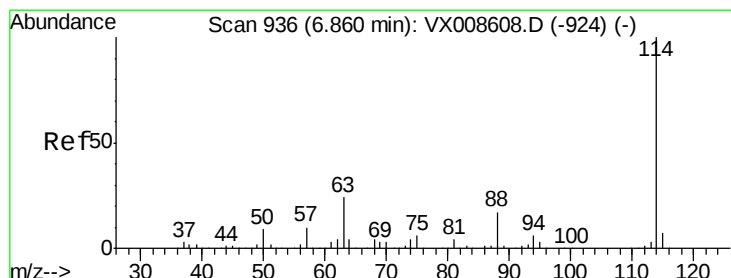
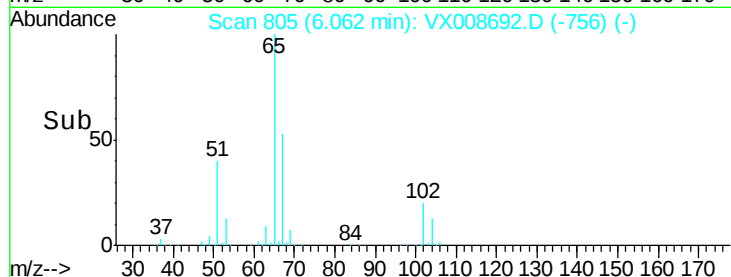
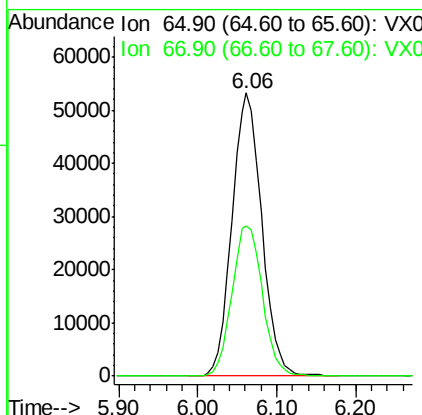
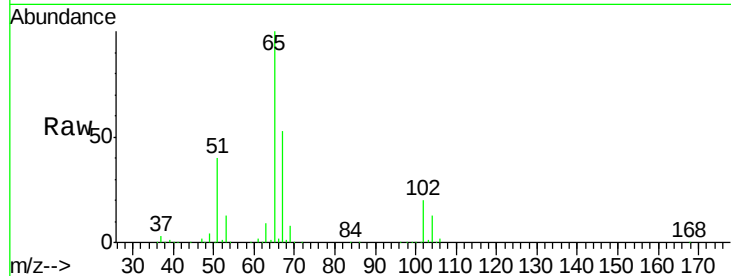




#33
 1,2-Dichloroethane-d4
 Concen: 46.799 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX008692.D
 Acq: 05 Apr 2019 19:19

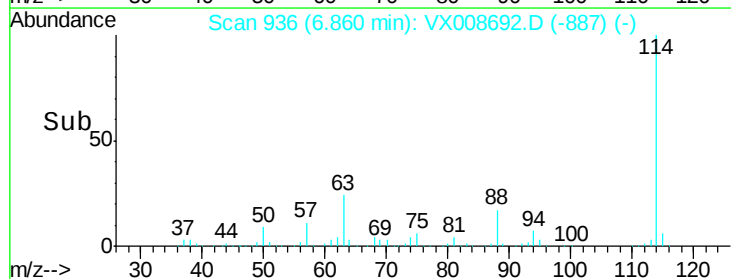
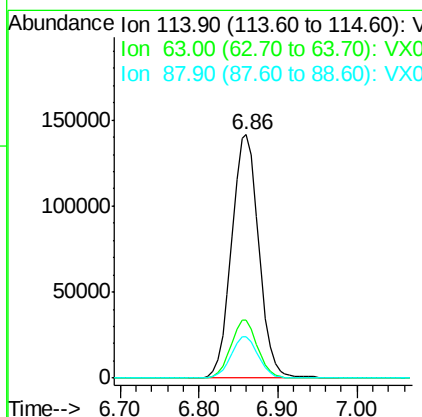
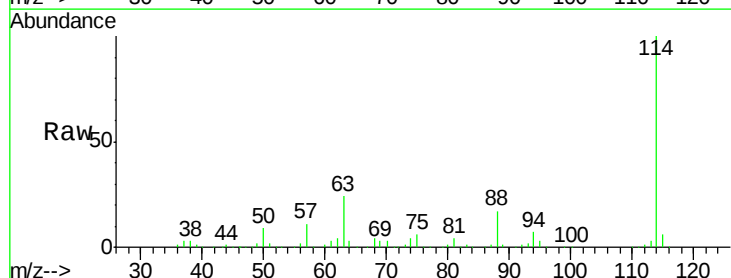
Instrument :
 MSVOA_X
 ClientSampleId :
 ST006RW149-190402DL

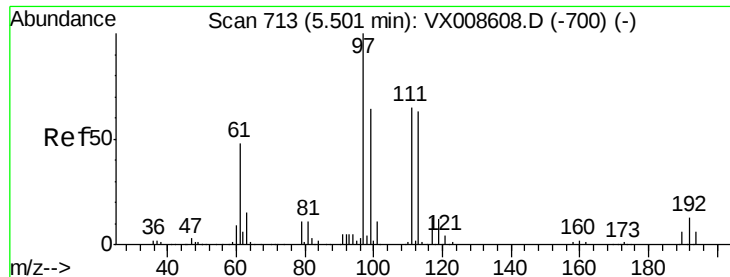
Tgt Ion: 65 Resp: 139713
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008692.D
 Acq: 05 Apr 2019 19:19

Tgt Ion: 114 Resp: 339259
 Ion Ratio Lower Upper
 114 100
 63 23.7 0.0 47.2
 88 17.0 0.0 34.0





#35

Dibromofluoromethane

Concen: 47.450 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX008692.D

Acq: 05 Apr 2019 19:19

Instrument :

MSVOA_X

ClientSampleId :

ST006RW149-190402DL

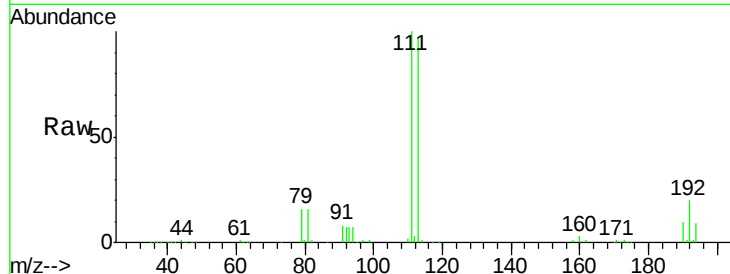
Tgt Ion:113 Resp: 102924

Ion Ratio Lower Upper

113 100

111 103.0 83.4 125.2

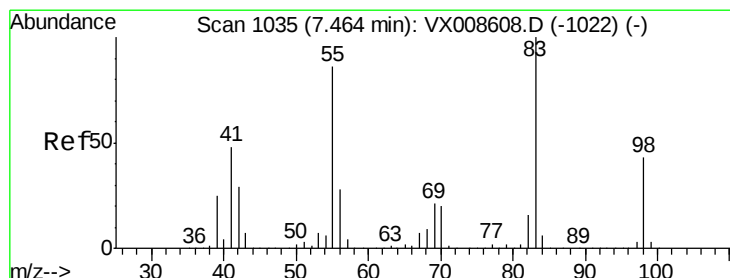
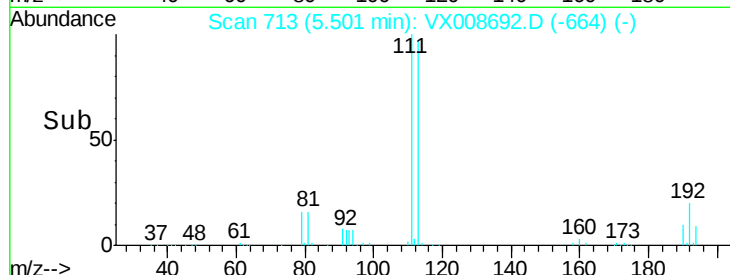
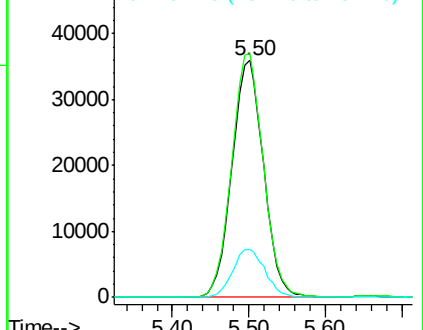
192 20.6 16.1 24.1



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



#39

Methylcyclohexane

Concen: 0.340 ug/l

RT: 7.46 min Scan# 1034

Delta R.T. -0.01 min

Lab File: VX008692.D

Acq: 05 Apr 2019 19:19

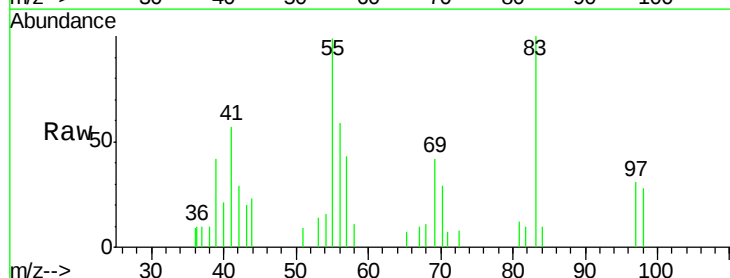
Tgt Ion: 83 Resp: 1559

Ion Ratio Lower Upper

83 100

55 91.3 69.0 103.6

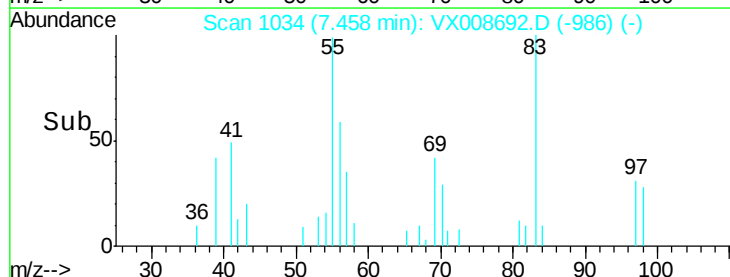
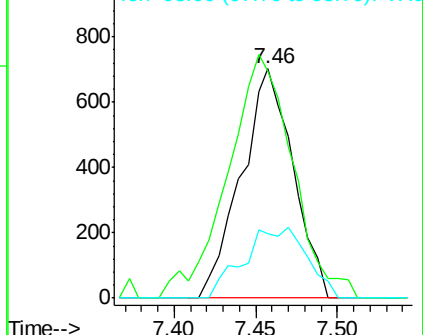
98 28.0 34.4 51.6#

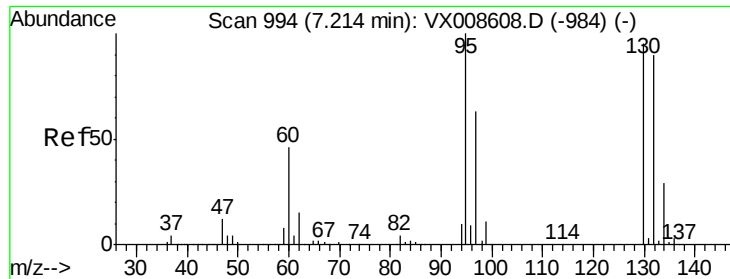


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#44

Trichloroethene

Concen: 13.135 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX008692.D

Acq: 05 Apr 2019 19:19

Instrument :

MSVOA_X

ClientSampleId :

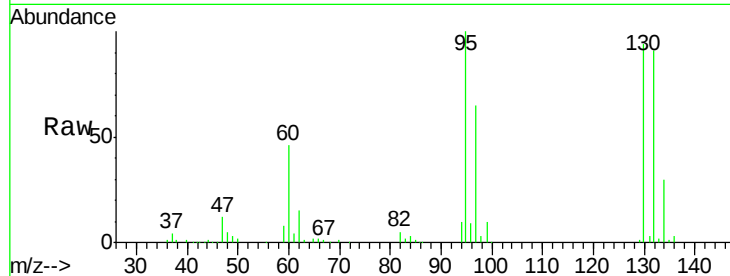
ST006RW149-190402DL

Tgt Ion:130 Resp: 33798

Ion Ratio Lower Upper

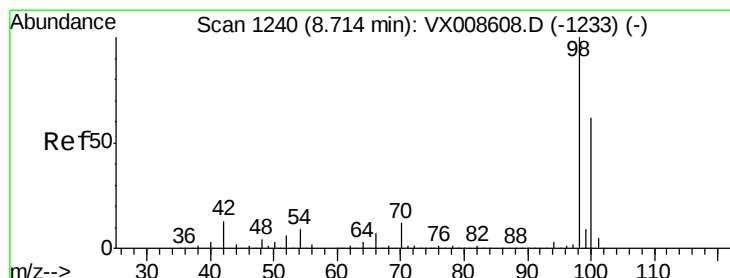
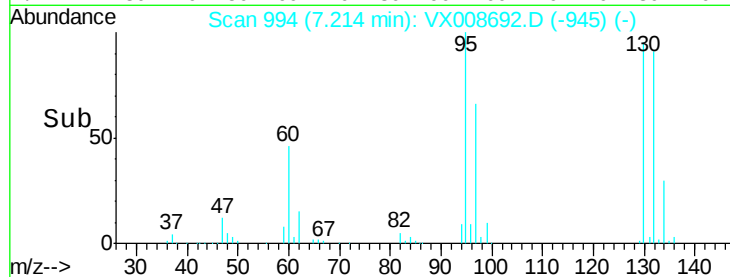
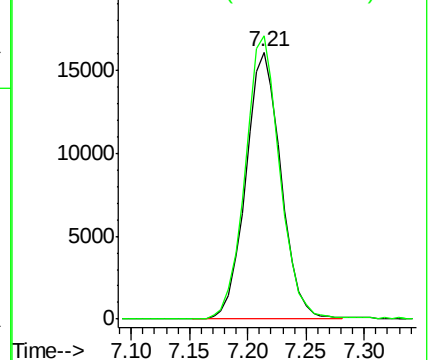
130 100

95 105.9 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: 48.988 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008692.D

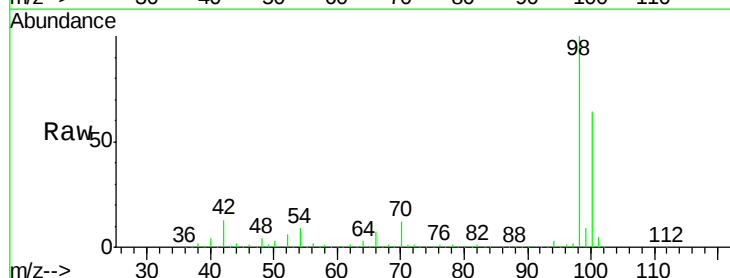
Acq: 05 Apr 2019 19:19

Tgt Ion: 98 Resp: 423100

Ion Ratio Lower Upper

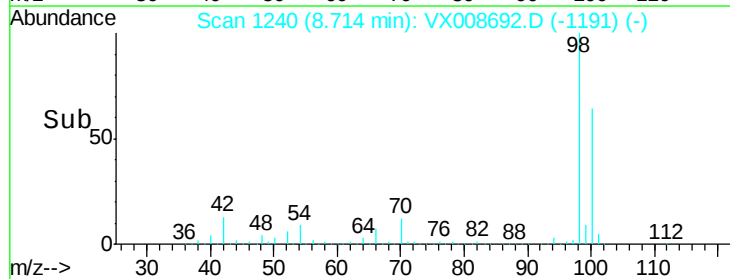
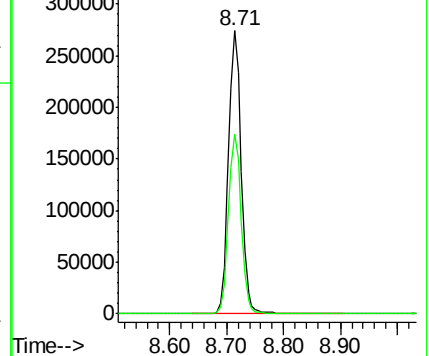
98 100

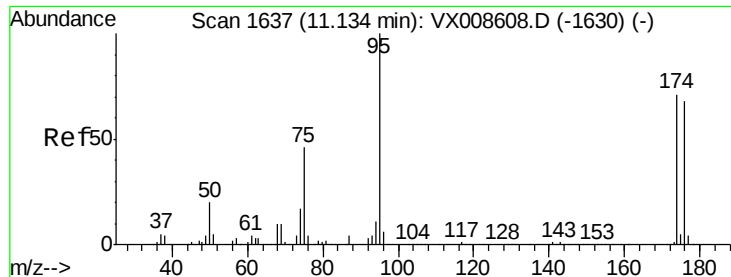
100 63.9 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 45.613 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008692.D

Acq: 05 Apr 2019 19:19

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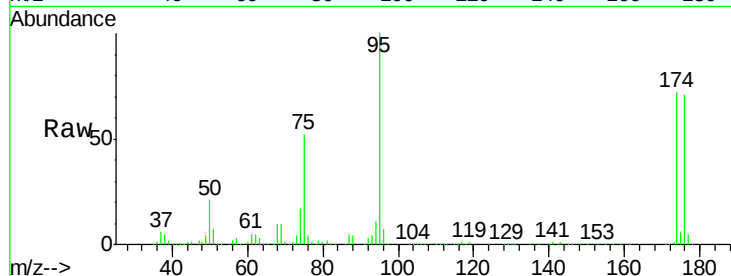
Tgt Ion: 95 Resp: 139699

Ion Ratio Lower Upper

95 100

174 76.8 0.0 151.8

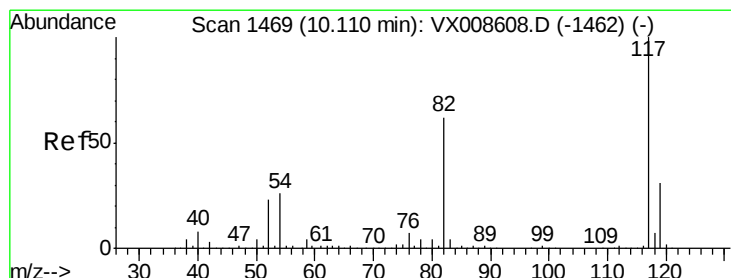
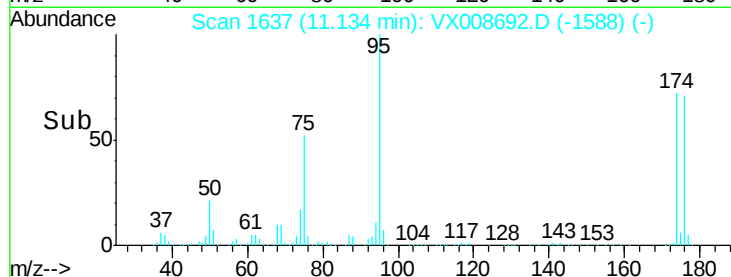
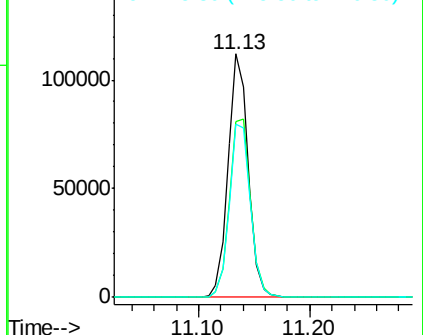
176 74.6 0.0 145.8



Abundance Ion 94.90 (94.60 to 95.60): VX008692.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX008692.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX008692.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX008692.D

Acq: 05 Apr 2019 19:19

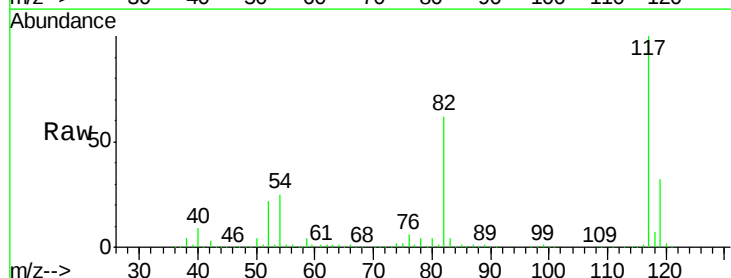
Tgt Ion: 117 Resp: 286488

Ion Ratio Lower Upper

117 100

82 62.2 49.6 74.4

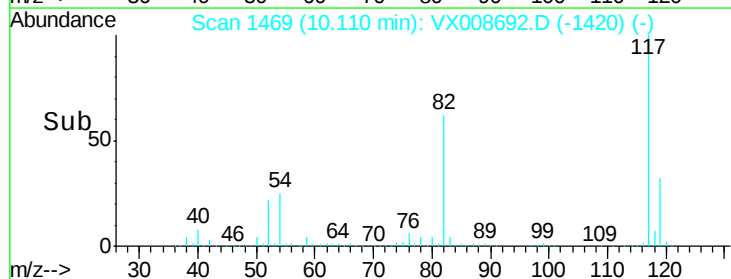
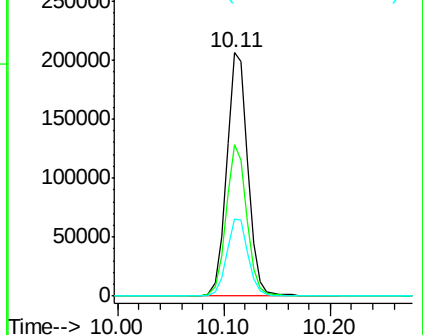
119 31.9 25.0 37.4

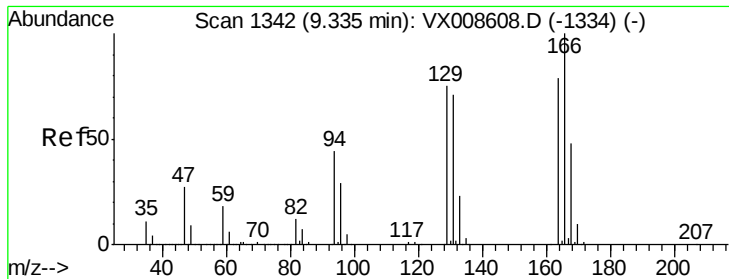


Abundance Ion 116.90 (116.60 to 117.60): VX008692.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX008692.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX008692.D (-1420) (-)





#64

Tetrachloroethene

Concen: 18.036 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX008692.D

Acq: 05 Apr 2019 19:19

Instrument :

MSVOA_X

ClientSampleId :

ST006RW149-190402DL

Tgt Ion:164 Resp: 38282

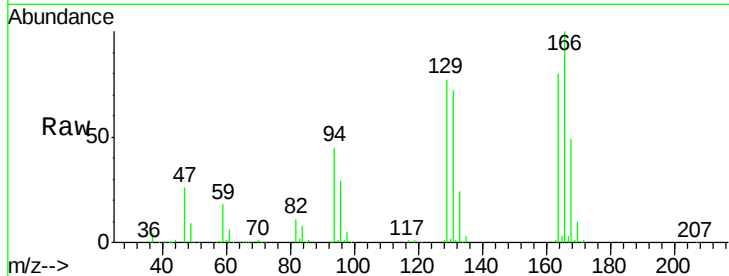
Ion Ratio Lower Upper

164 100

166 125.6 101.0 151.6

129 96.4 75.8 113.8

131 90.6 71.8 107.8

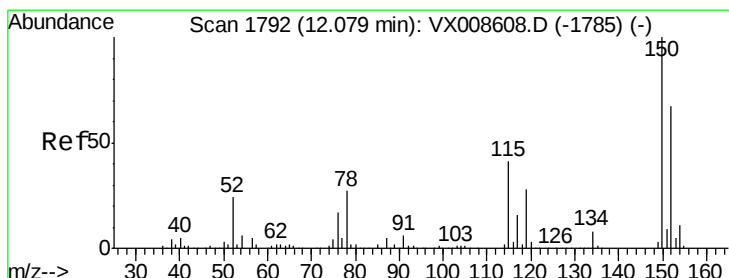
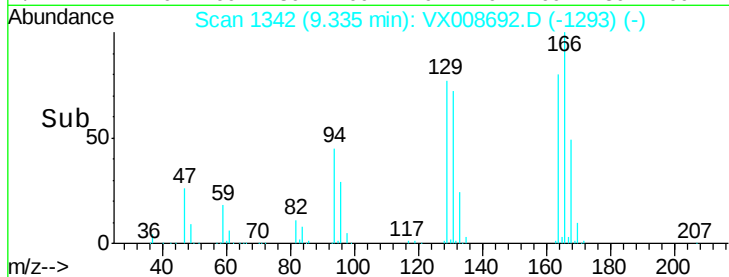
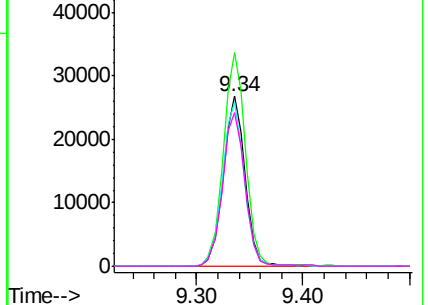


Abundance Ion 163.80 (163.50 to 164.50): V

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: VX008692.D

Acq: 05 Apr 2019 19:19

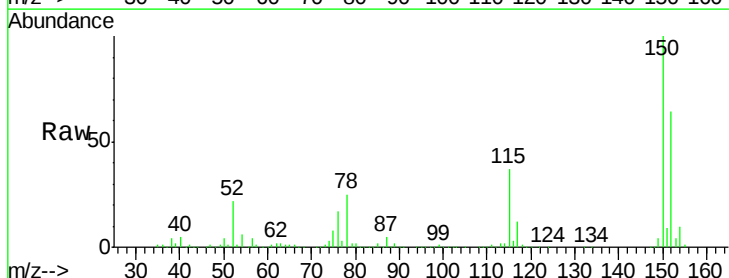
Tgt Ion:152 Resp: 118022

Ion Ratio Lower Upper

152 100

115 59.7 43.5 130.5

150 156.5 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

