

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122118\
 Data File : VX006757.D
 Acq On : 22 Dec 2018 07:05
 Operator : JC/MD
 Sample : J6496-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WATER-1

Quant Time: Dec 22 09:50:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

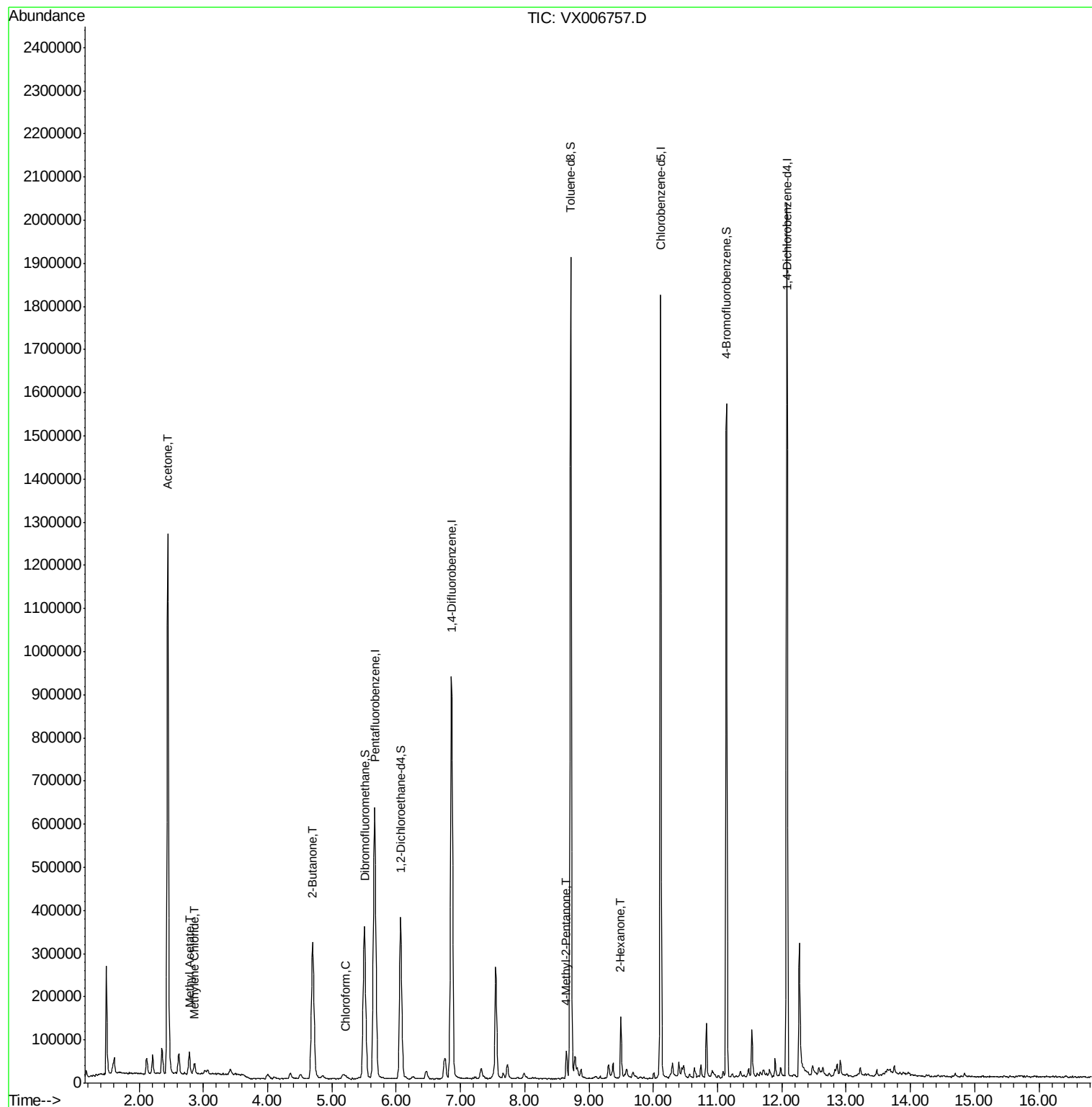
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	636659	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	997829	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	893599	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	422706	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	350731	51.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.22%	
35) Dibromofluoromethane	5.51	113	302029	47.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.72%	
50) Toluene-d8	8.71	98	1169764	49.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.34%	
62) 4-Bromofluorobenzene	11.14	95	411120	47.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.38%	
Target Compounds						
16) Acetone	2.45	43	1322679	419.572	ug/l	100
18) Methyl Acetate	2.78	43	61563	6.641	ug/l	94
20) Methylene Chloride	2.87	84	12526	1.922	ug/l	94
25) 2-Butanone	4.70	43	567822	128.052	ug/l	99
30) Chloroform	5.22	83	6169	0.570	ug/l	100
51) 4-Methyl-2-Pentanone	8.65	43	40809	4.901	ug/l	97
59) 2-Hexanone	9.49	43	78163	12.268	ug/l	100

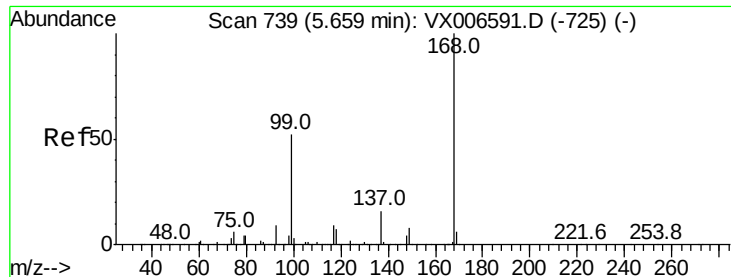
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX122118\
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Quant Time: Dec 22 09:50:18 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 19 15:20:58 2018
Response via : Initial Calibration

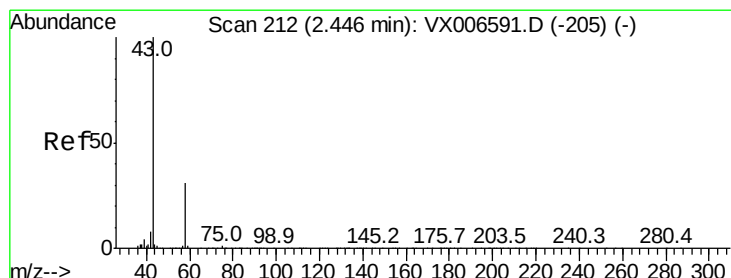
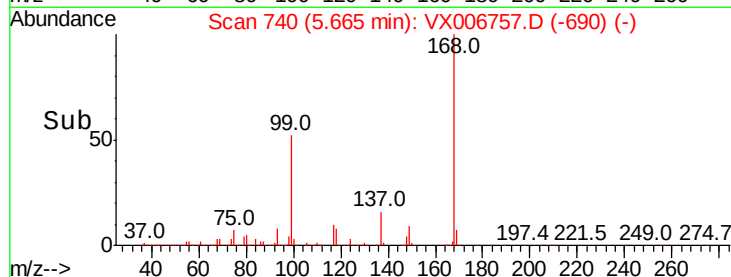
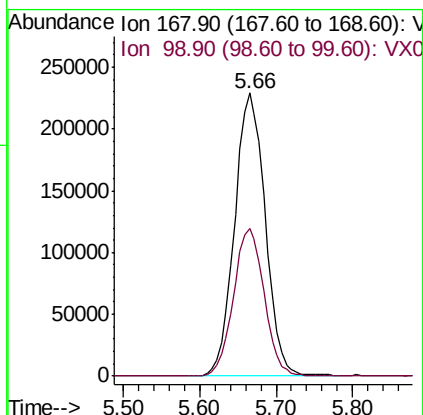
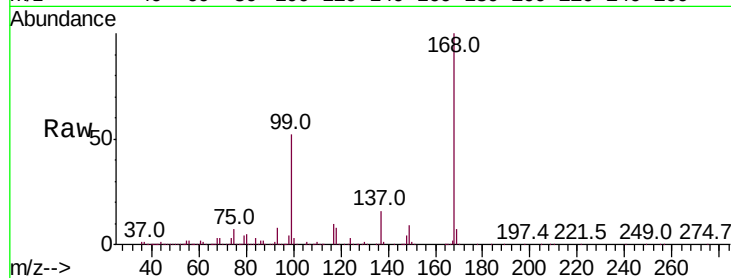




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX006757.D
Acq: 22 Dec 2018 07:05

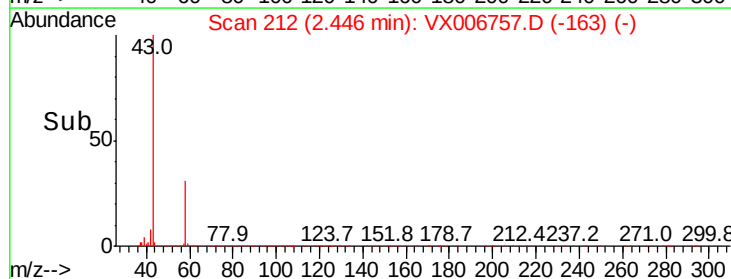
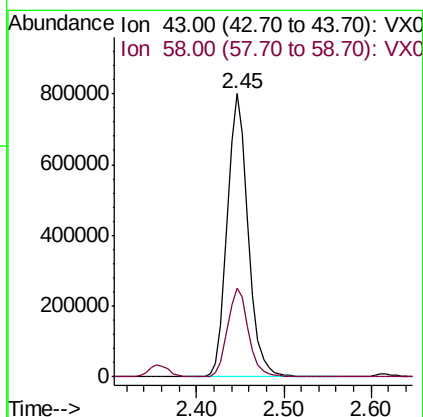
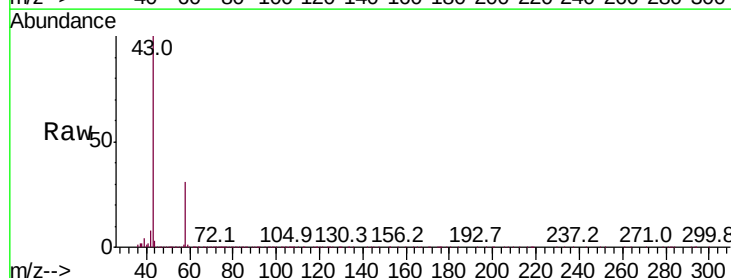
Instrument :
MSVOA_X
ClientSampleId :
WATER-1

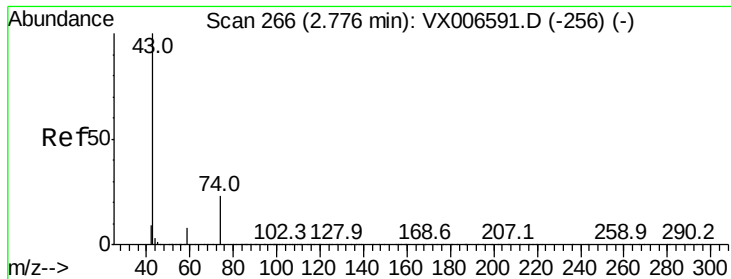
Tot Ion:168 Resp: 636659
Ion Ratio Lower Upper
168 100
99 52.1 41.8 62.8



#16
Acetone
Concen: 419.572 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX006757.D
Acq: 22 Dec 2018 07:05

Tgt Ion: 43 Resp: 1322679
Ion Ratio Lower Upper
43 100
58 31.4 25.0 37.6

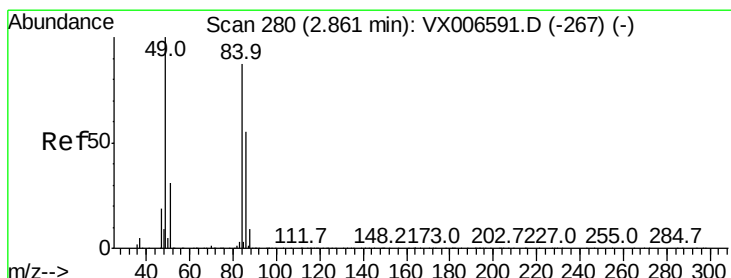
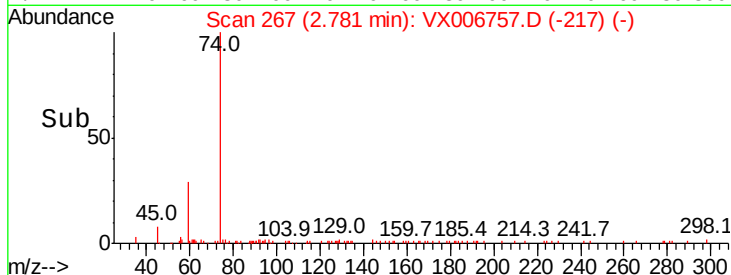
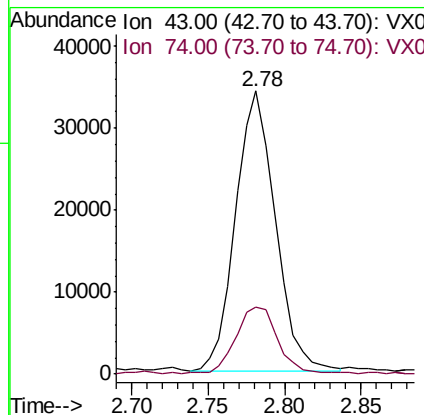
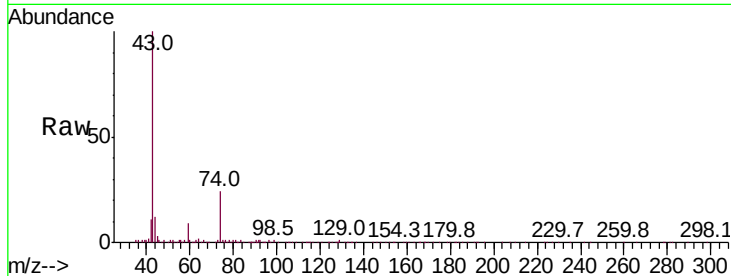




#18
Methvl Acetate
Concen: 6.641 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX006757.D
Acq: 22 Dec 2018 07:05

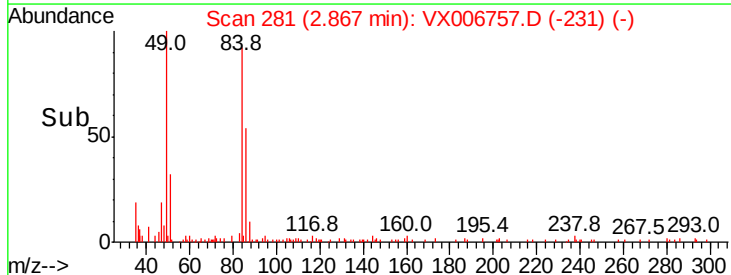
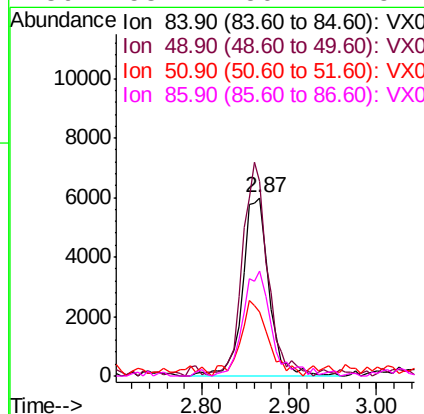
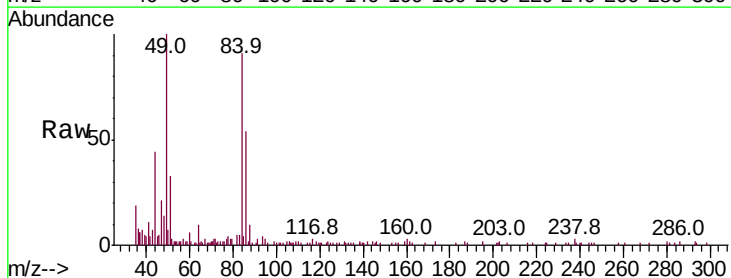
Instrument :
MSVOA_X
ClientSampleId :
WATER-1

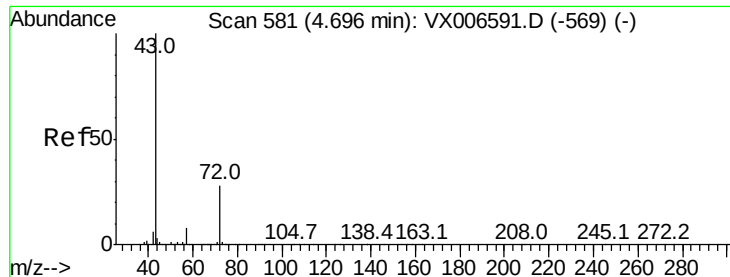
Tot Ion: 43 Resp: 61563
Ion Ratio Lower Upper
43 100
74 26.2 18.6 28.0



#20
Methylene Chloride
Concen: 1.922 ug/l
RT: 2.87 min Scan# 281
Delta R.T. 0.01 min
Lab File: VX006757.D
Acq: 22 Dec 2018 07:05

Tgt Ion: 84 Resp: 12526
Ion Ratio Lower Upper
84 100
49 105.9 91.8 137.6
51 34.1 28.5 42.7
86 58.7 50.2 75.2





#25

2-Butanone

Concen: 128.052 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX006757.D

Acq: 22 Dec 2018 07:05

Instrument :

MSVOA_X

ClientSampled :

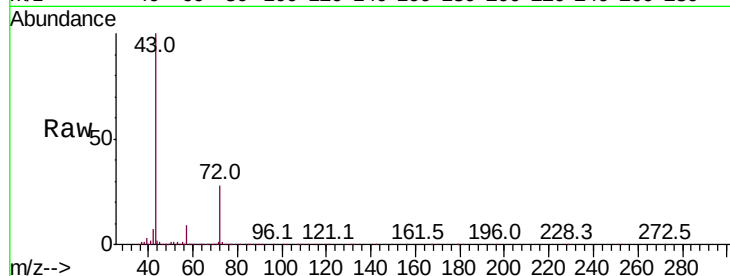
WATER-1

Tot Ion: 43 Resp: 567822

Ion Ratio Lower Upper

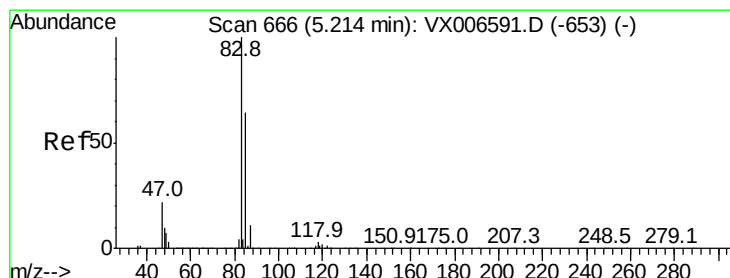
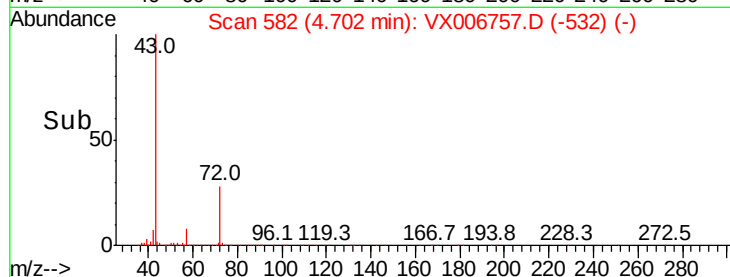
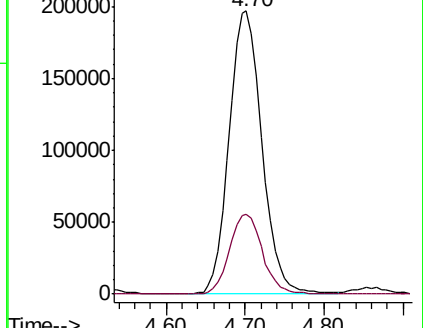
43 100

72 28.3 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#30

Chloroform

Concen: 0.570 ug/l

RT: 5.22 min Scan# 667

Delta R.T. 0.01 min

Lab File: VX006757.D

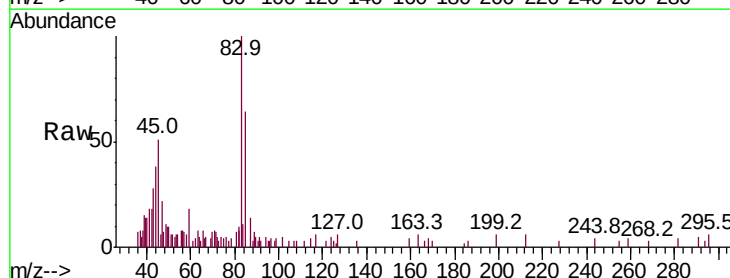
Acq: 22 Dec 2018 07:05

Tgt Ion: 83 Resp: 6169

Ion Ratio Lower Upper

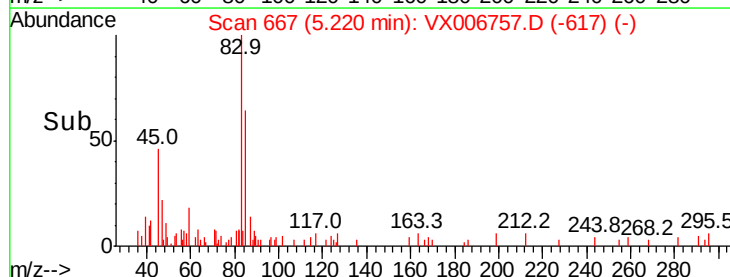
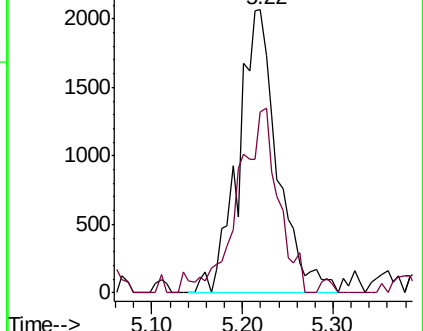
83 100

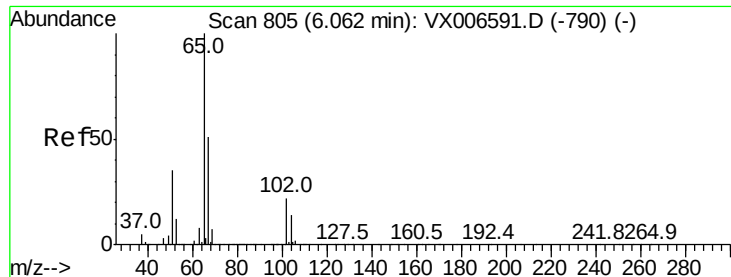
85 64.0 51.2 76.8



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: 51.115 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX006757.D

Acq: 22 Dec 2018 07:05

Instrument :

MSVOA_X

ClientSampleId :

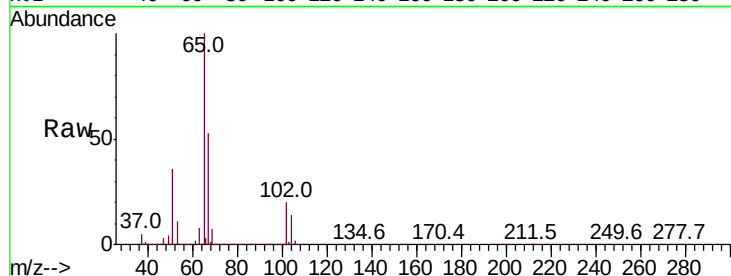
WATER-1

Tot Ion: 65 Resp: 350731

Ion Ratio Lower Upper

65 100

67 52.1 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

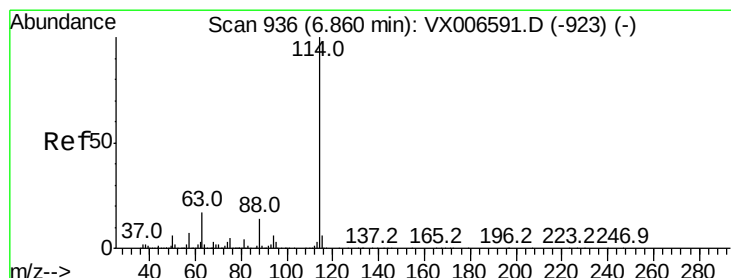
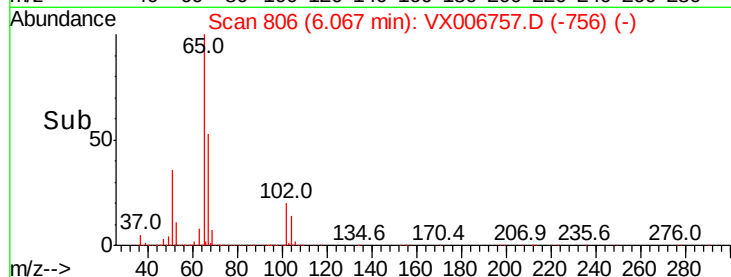
150000

100000

50000

0

Time--> 5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX006757.D

Acq: 22 Dec 2018 07:05

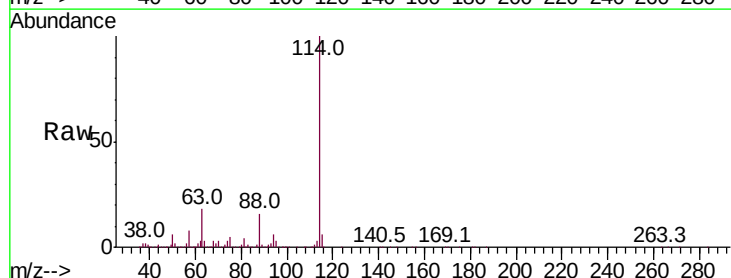
Tgt Ion: 114 Resp: 997829

Ion Ratio Lower Upper

114 100

63 18.2 0.0 34.8

88 15.5 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

6.86

600000

500000

400000

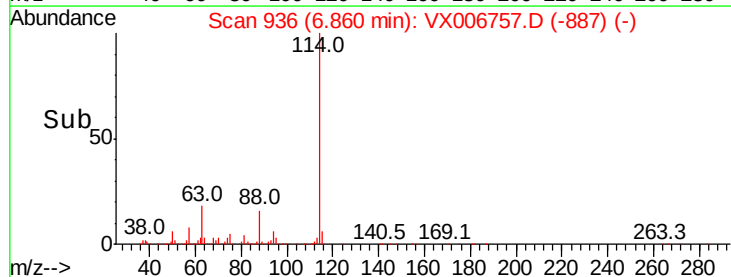
300000

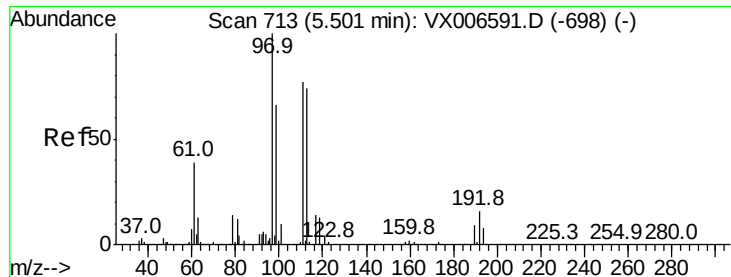
200000

100000

0

Time--> 6.70 6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 47.865 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006757.D

Acq: 22 Dec 2018 07:05

Instrument :

MSVOA_X

ClientSampled :

WATER-1

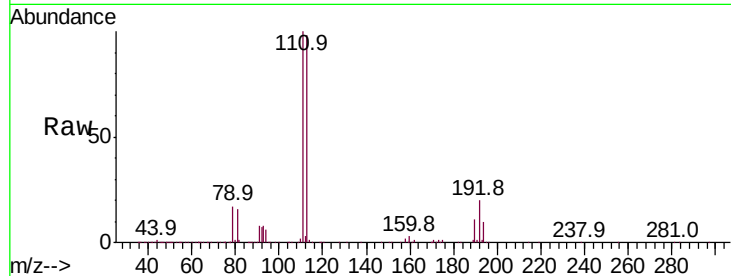
Tot Ion:113 Resp: 302029

Ion Ratio Lower Upper

113 100

111 102.0 81.6 122.4

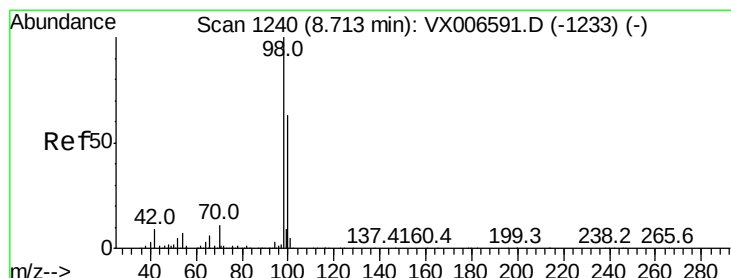
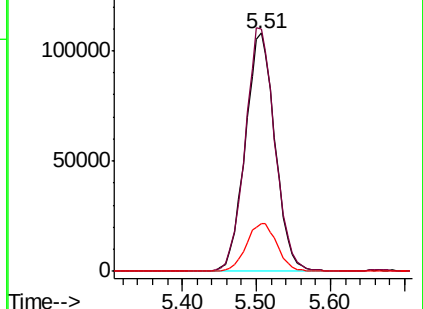
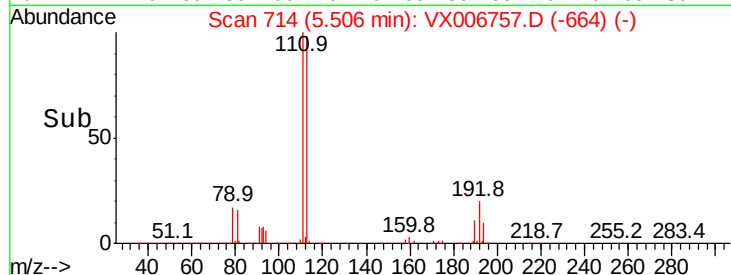
192 20.8 16.7 25.1



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



#50

Toluene-d8

Concen: 49.172 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX006757.D

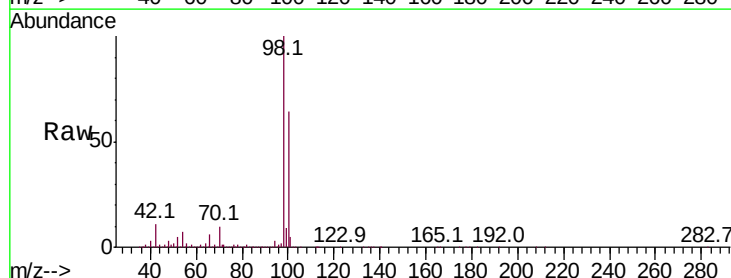
Acq: 22 Dec 2018 07:05

Tgt Ion: 98 Resp: 1169764

Ion Ratio Lower Upper

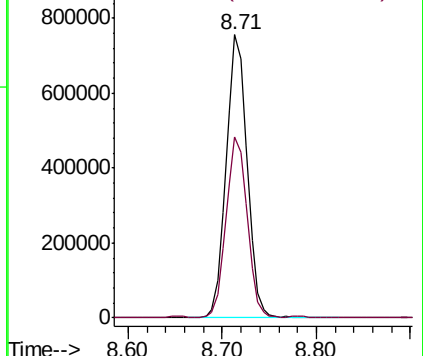
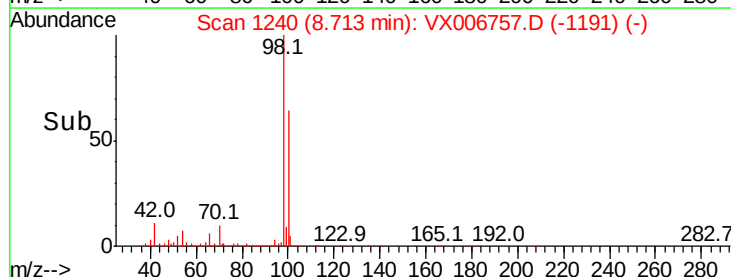
98 100

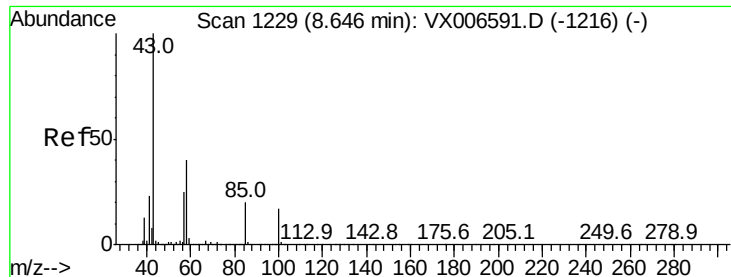
100 64.1 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 4.901 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX006757.D

Acq: 22 Dec 2018 07:05

Instrument :

MSVOA_X

ClientSampled :

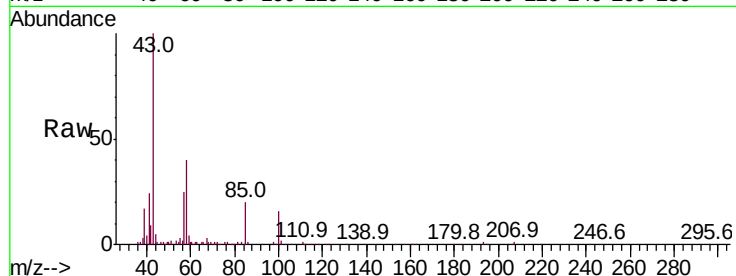
WATER-1

Tot Ion: 43 Resp: 40809

Ion Ratio Lower Upper

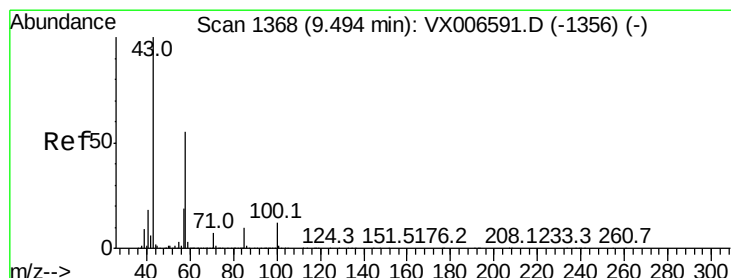
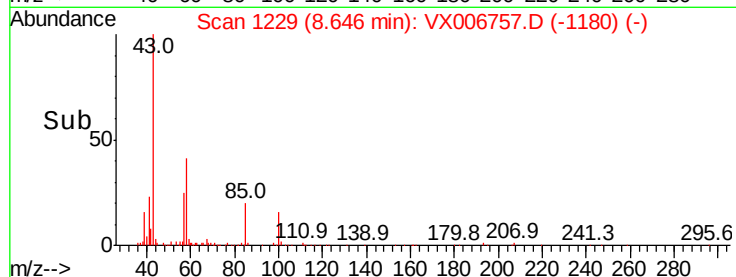
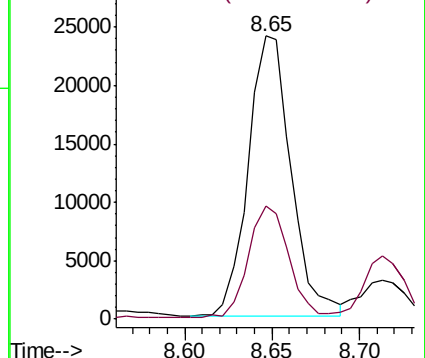
43 100

58 37.8 31.8 47.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#59

2-Hexanone

Concen: 12.268 ug/l

RT: 9.49 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VX006757.D

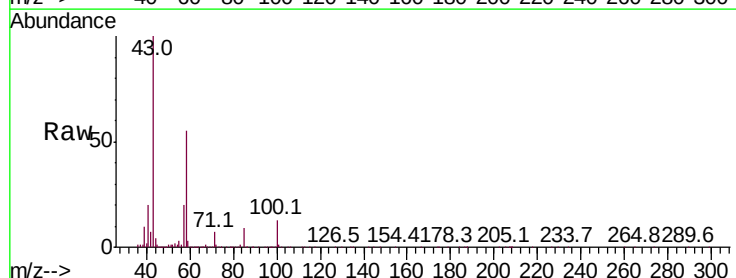
Acq: 22 Dec 2018 07:05

Tgt Ion: 43 Resp: 78163

Ion Ratio Lower Upper

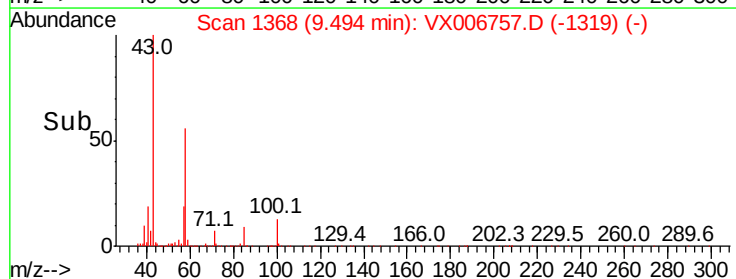
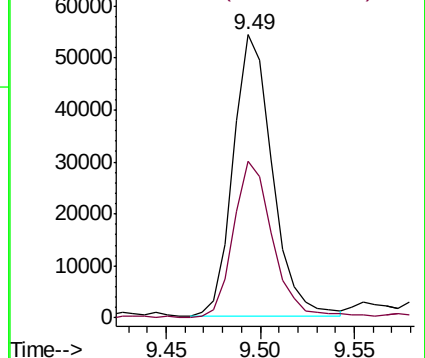
43 100

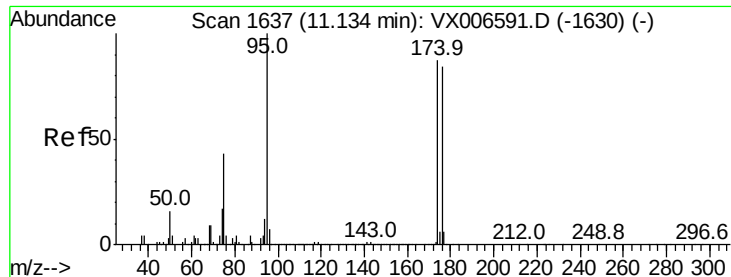
58 55.5 27.7 83.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#62

4-Bromofluorobenzene

Concen: 47.187 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.01 min

Lab File: VX006757.D

Acq: 22 Dec 2018 07:05

Instrument :

MSVOA_X

ClientSampleId :

WATER-1

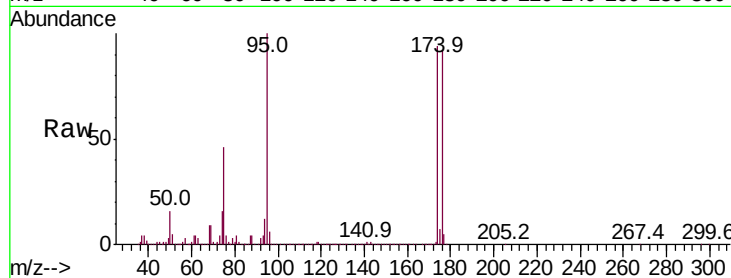
Tot Ion: 95 Resp: 411120

Ion Ratio Lower Upper

95 100

174 89.0 0.0 182.2

176 86.4 0.0 178.8



Abundance Ion 94.90 (94.60 to 95.60): VX006591.D (-1630) (-)

Ion 173.80 (173.50 to 174.50): VX006591.D (-1630) (-)

Ion 175.80 (175.50 to 176.50): VX006591.D (-1630) (-)

11.14

300000

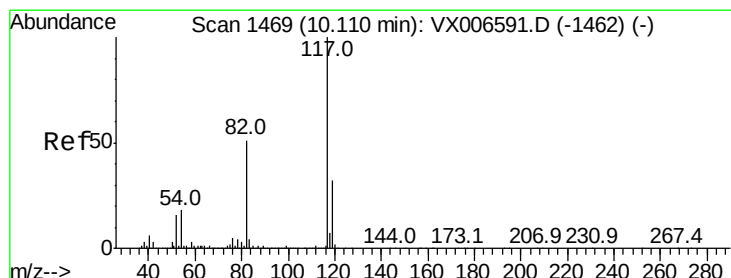
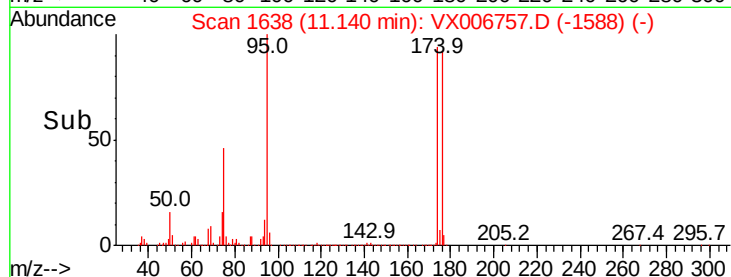
200000

100000

0

11.10 11.20

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VX006757.D

Acq: 22 Dec 2018 07:05

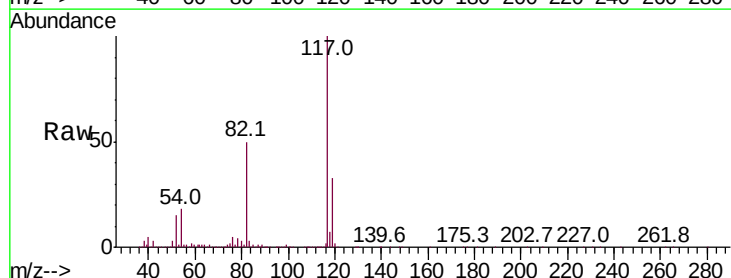
Tgt Ion: 117 Resp: 893599

Ion Ratio Lower Upper

117 100

82 50.5 41.0 61.6

119 32.7 25.4 38.0



Abundance Ion 116.90 (116.60 to 117.60): VX006591.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX006591.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX006591.D (-1462) (-)

10.12

800000

600000

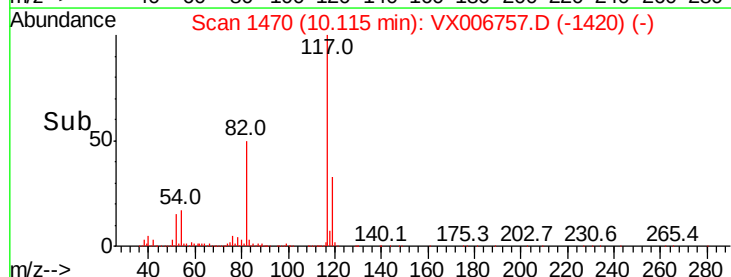
400000

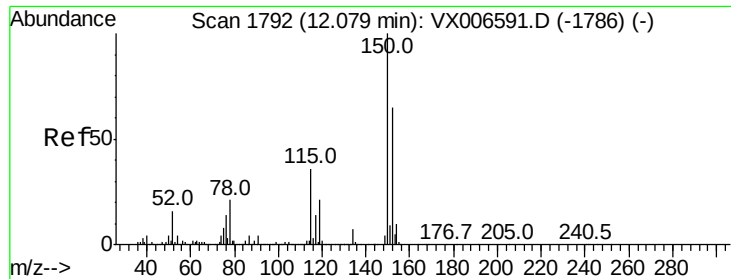
200000

0

10.00 10.10 10.20

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX006757.D

Acq: 22 Dec 2018 07:05

Instrument :

MSVOA_X

ClientSampleId :

WATER-1

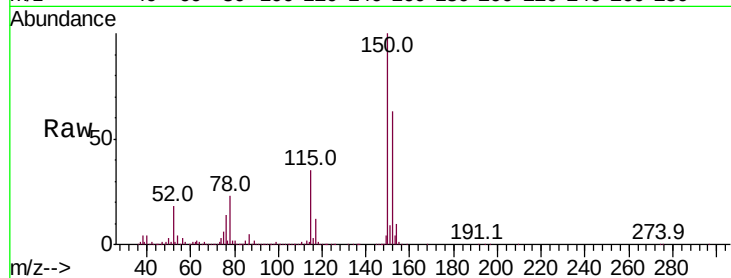
Tot Ion:152 Resp: 422706

Ion Ratio Lower Upper

152 100

115 55.7 39.1 117.2

150 156.4 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

