

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031419\
 Data File : VX008069.D
 Acq On : 14 Mar 2019 14:33
 Operator : JC/SP
 Sample : K1843-01
 Misc : 5.95uL/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GATE-SOIL-BOX

Quant Time: Mar 14 15:05:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031419W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 14 14:56:31 2019
 Response via : Initial Calibration

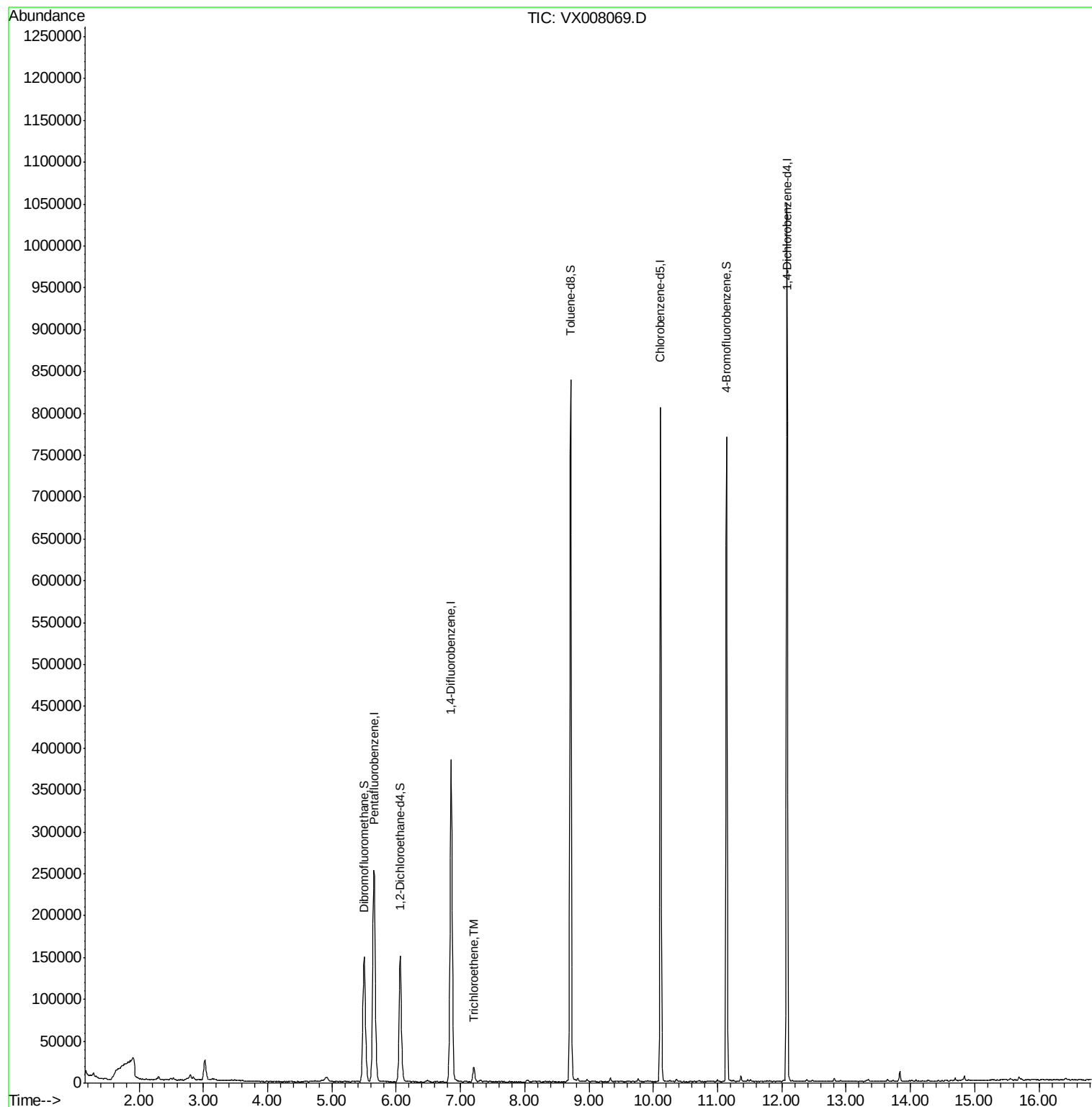
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	268120	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.85	114	412703	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	413698	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	229306	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	138298	51.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.26%	
35) Dibromofluoromethane	5.50	113	127693	48.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.58%	
50) Toluene-d8	8.71	98	506833	50.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.84%	
62) 4-Bromofluorobenzene	11.14	95	203056	56.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.90%	
Target Compounds						
44) Trichloroethene	7.21	130	7277	2.424	ug/l	Qvalue 92

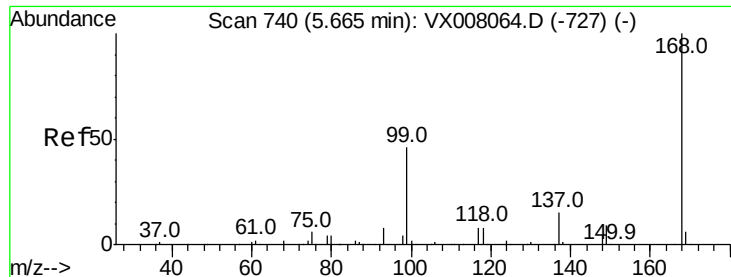
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Mar 14 14:56:31 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.01 min

Lab File: VX008069.D

Acq: 14 Mar 2019 14:33

Instrument :

MSVOA_X

ClientSampleId :

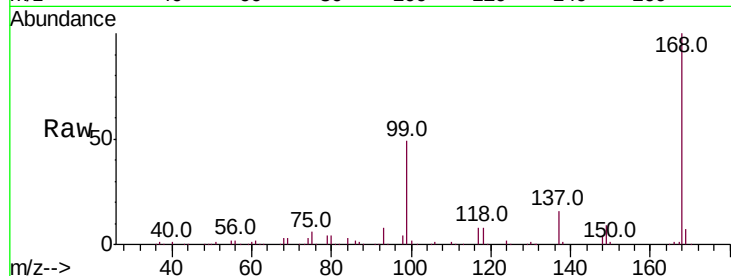
GATE-SOIL-BOX

Tot Ion:168 Resp: 268120

Ion Ratio Lower Upper

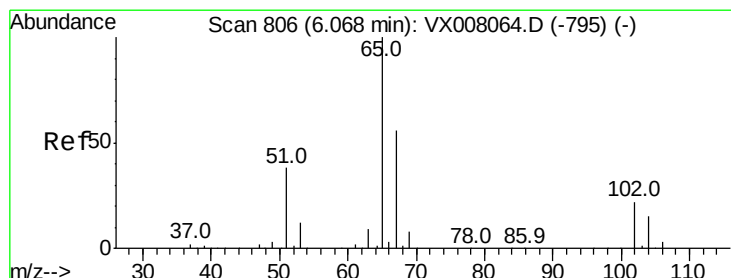
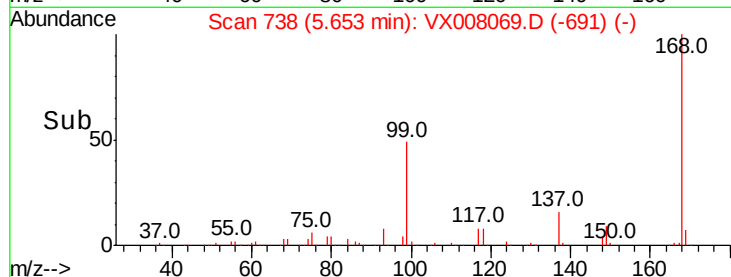
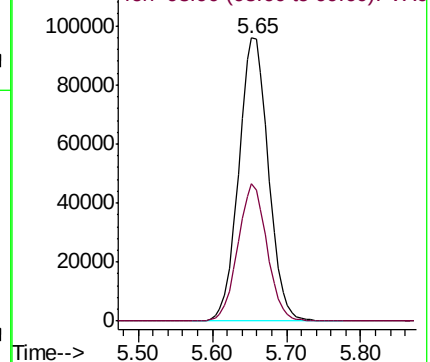
168 100

99 48.6 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 51.134 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX008069.D

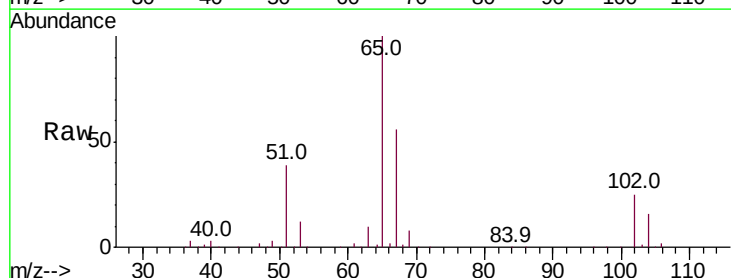
Acq: 14 Mar 2019 14:33

Tgt Ion: 65 Resp: 138298

Ion Ratio Lower Upper

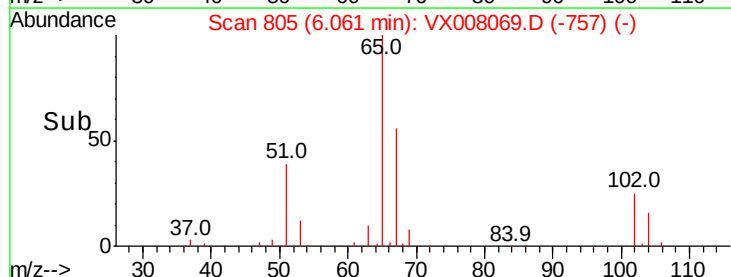
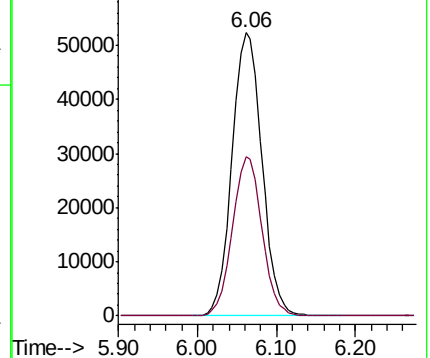
65 100

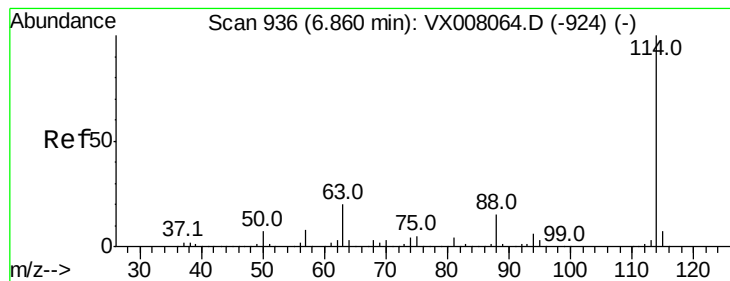
67 55.4 0.0 110.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX008069.D

Acq: 14 Mar 2019 14:33

Instrument :

MSVOA_X

ClientSampleId :

GATE-SOIL-BOX

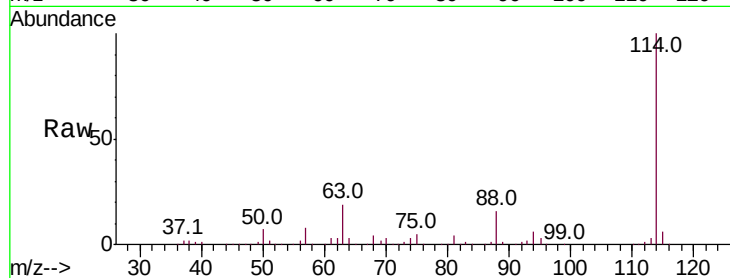
Tot Ion:114 Resp: 412703

Ion Ratio Lower Upper

114 100

63 18.9 0.0 39.8

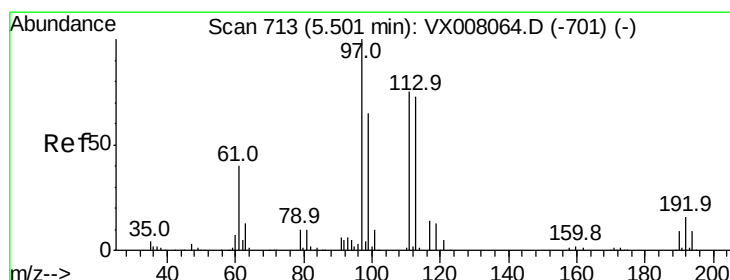
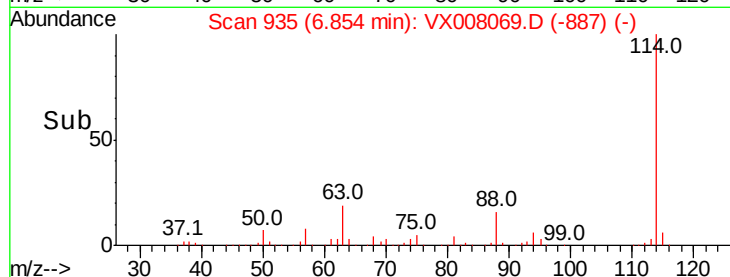
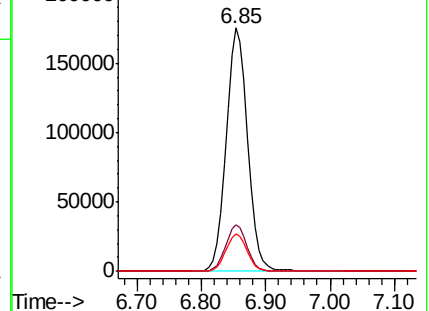
88 15.6 0.0 31.4



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: 48.791 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX008069.D

Acq: 14 Mar 2019 14:33

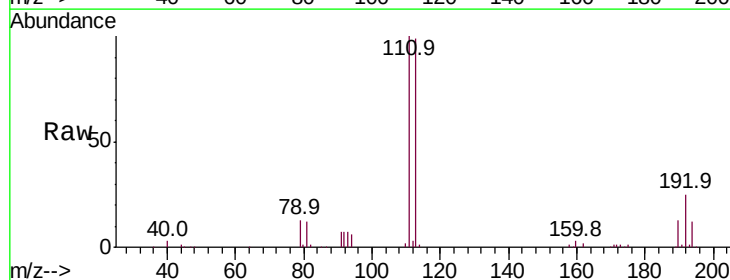
Tgt Ion:113 Resp: 127693

Ion Ratio Lower Upper

113 100

111 102.6 81.4 122.0

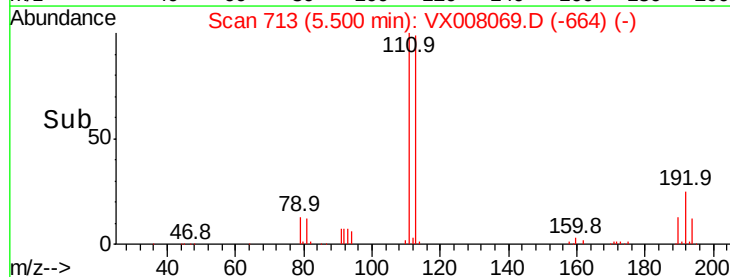
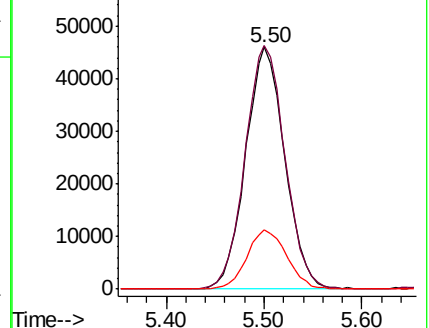
192 25.0 19.4 29.0

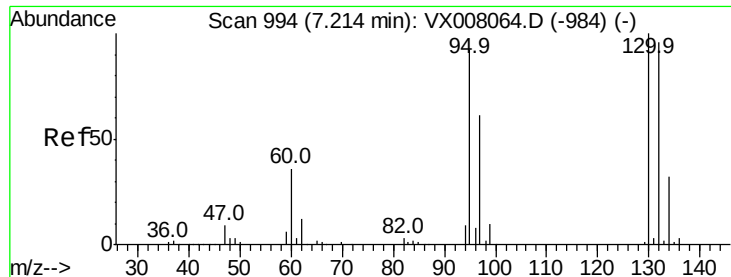


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 2.424 ug/l

RT: 7.21 min Scan# 993

Delta R.T. -0.01 min

Lab File: VX008069.D

Acq: 14 Mar 2019 14:33

Instrument :

MSVOA_X

ClientSampleId :

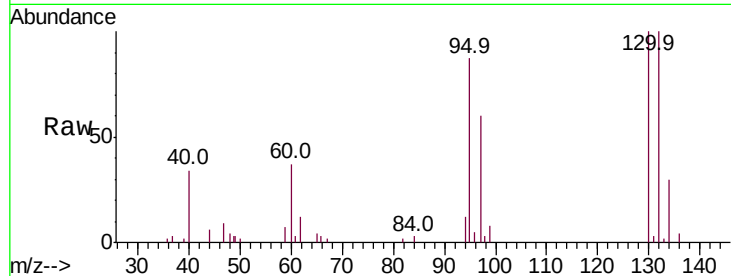
GATE-SOIL-BOX

Tot Ion:130 Resp: 7277

Ion Ratio Lower Upper

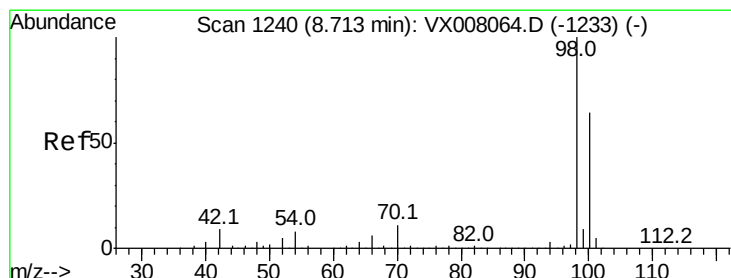
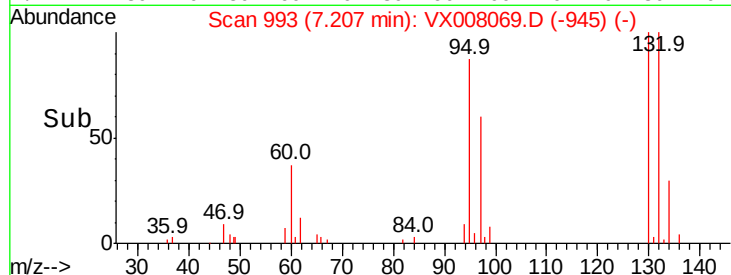
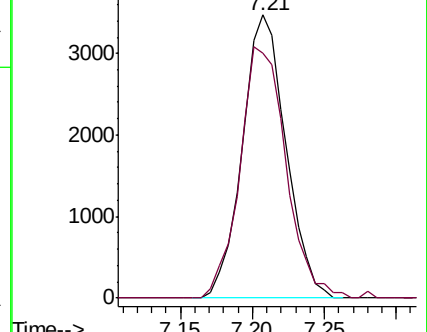
130 100

95 86.6 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 50.919 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008069.D

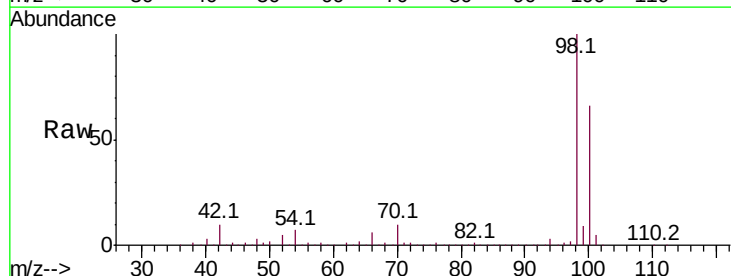
Acq: 14 Mar 2019 14:33

Tgt Ion: 98 Resp: 506833

Ion Ratio Lower Upper

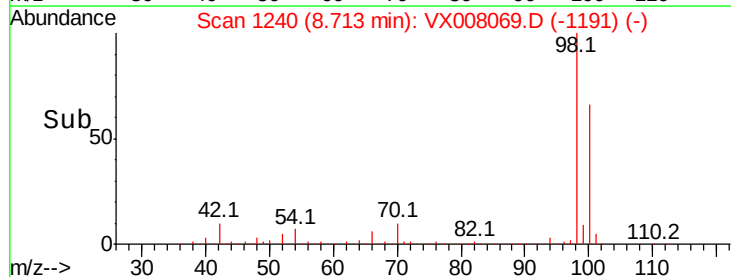
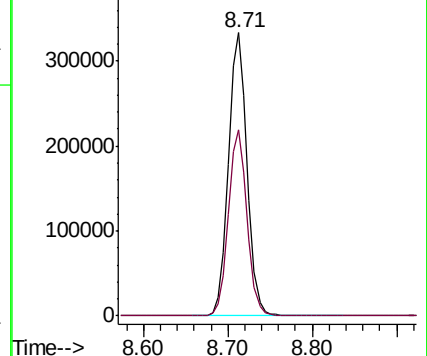
98 100

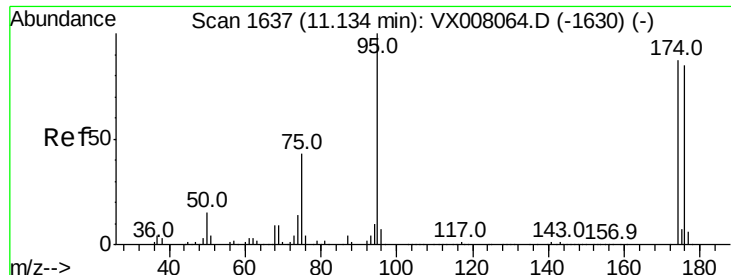
100 65.7 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 56.946 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.01 min

Lab File: VX008069.D

Acq: 14 Mar 2019 14:33

Instrument :

MSVOA_X

ClientSampleId :

GATE-SOIL-BOX

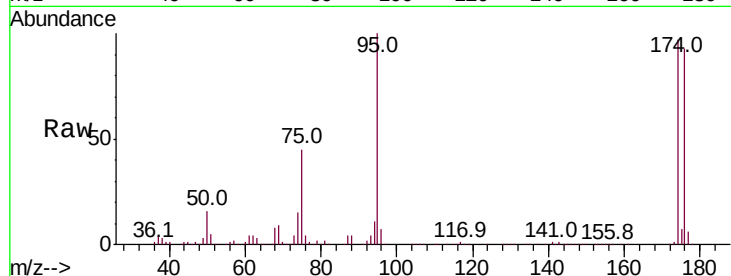
Tot Ion: 95 Resp: 203056

Ion Ratio Lower Upper

95 100

174 94.6 0.0 182.8

176 90.8 0.0 178.0



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

200000

150000

100000

50000

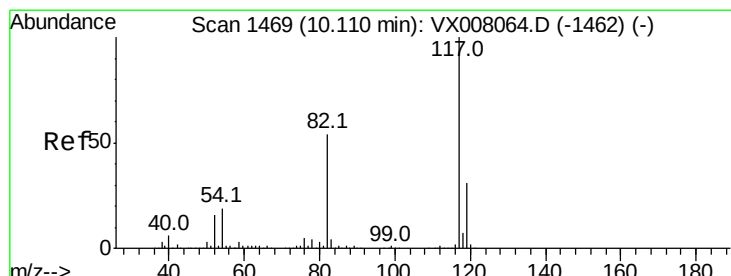
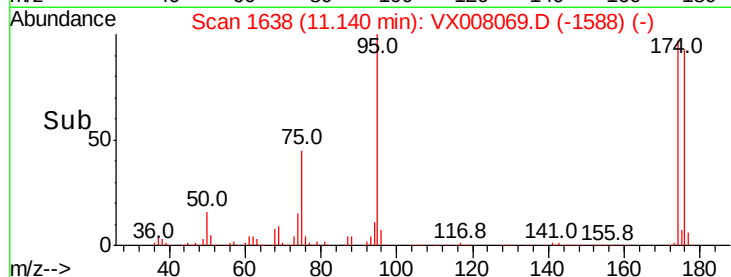
0

11.14

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: VX008069.D

Acq: 14 Mar 2019 14:33

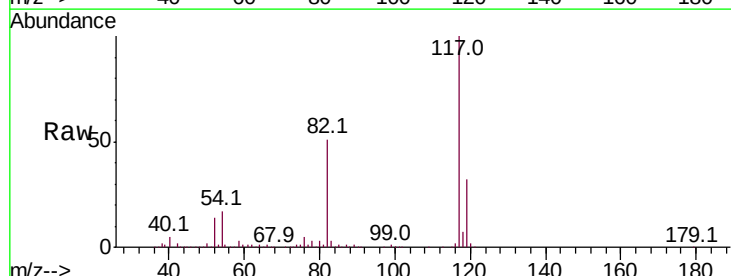
Tgt Ion: 117 Resp: 413698

Ion Ratio Lower Upper

117 100

82 51.4 44.3 66.5

119 31.7 25.3 37.9



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

400000

300000

200000

100000

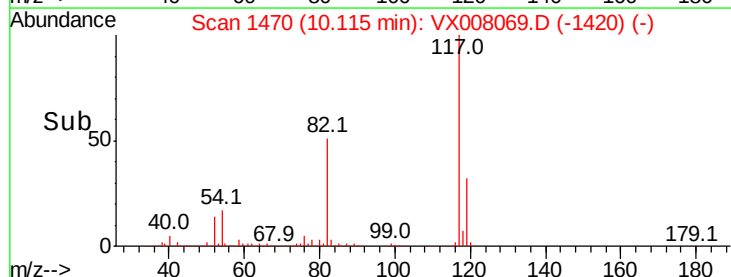
0

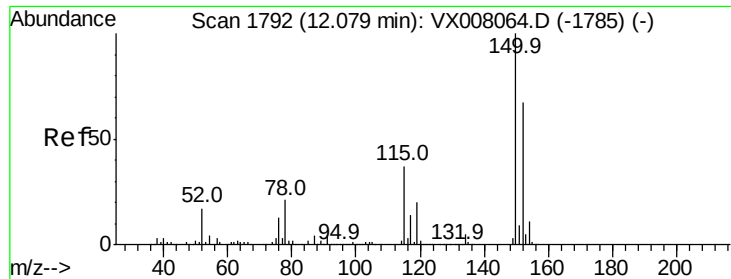
10.12

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: VX008069.D

Acq: 14 Mar 2019 14:33

Instrument :

MSVOA_X

ClientSampleId :

GATE-SOIL-BOX

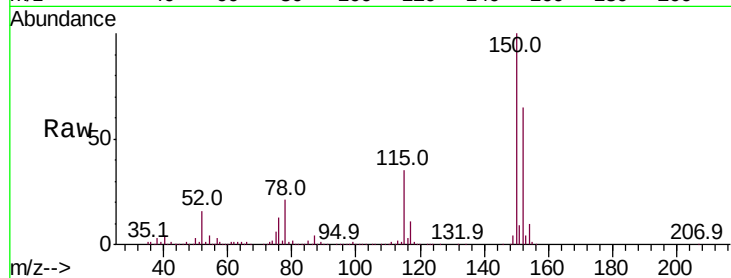
Tot Ion:152 Resp: 229306

Ion Ratio Lower Upper

152 100

115 54.2 38.6 115.7

150 155.8 0.0 348.4



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

