

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081619\
 Data File : VX011589.D
 Acq On : 16 Aug 2019 18:22
 Operator : JC/SP
 Sample : K4397-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-6

Quant Time: Aug 19 03:34:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081519W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 04:15:26 2019
 Response via : Initial Calibration

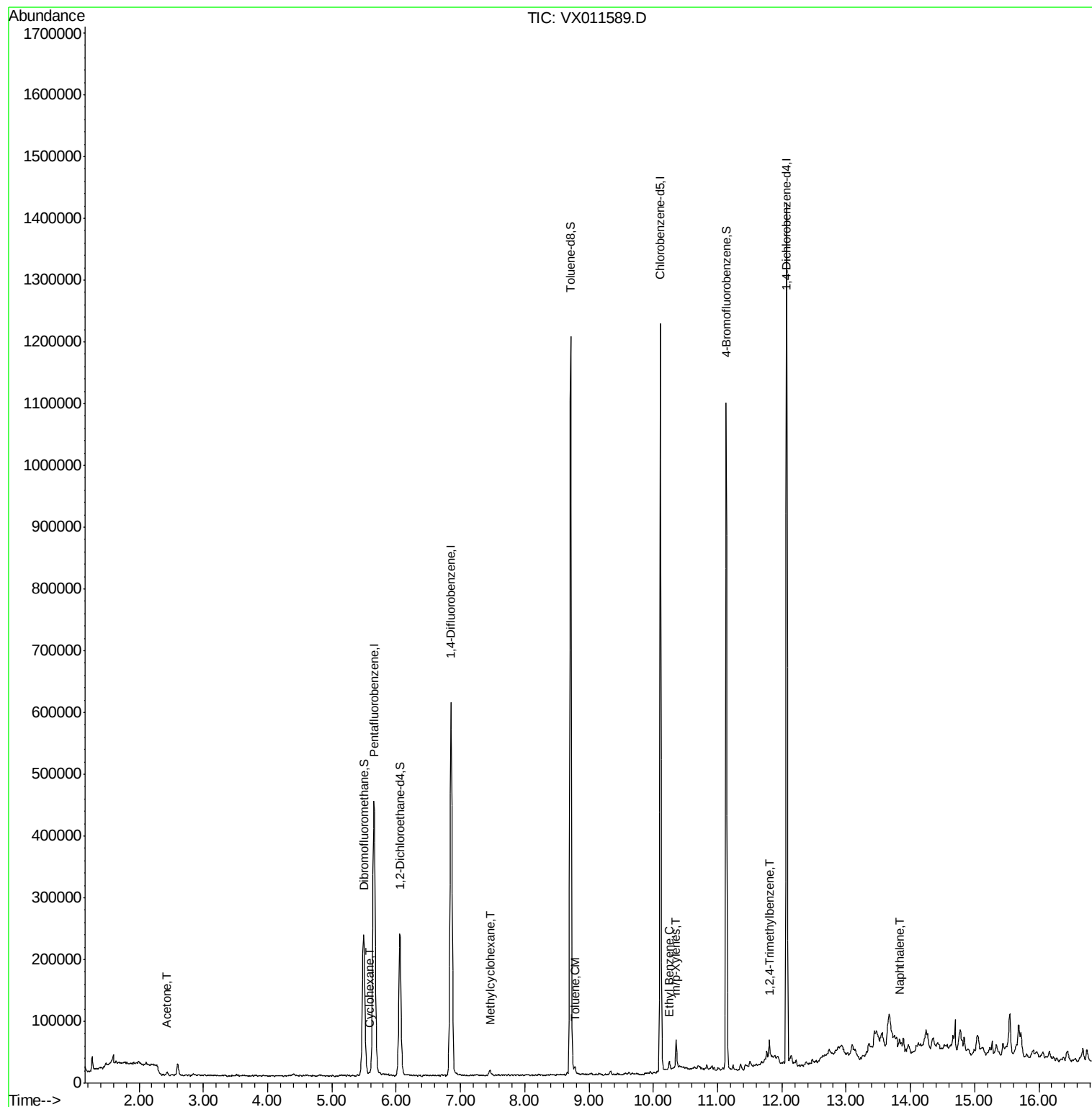
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	486010	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	659186	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	588470	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	318506	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	221473	49.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.28%	
35) Dibromofluoromethane	5.49	113	194535	45.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.24%	
50) Toluene-d8	8.71	98	750246	55.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.70%	
62) 4-Bromofluorobenzene	11.13	95	276938	48.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.68%	
Target Compounds						
					Qvalue	
16) Acetone	2.44	43	6764	2.985	ug/l #	85
31) Cyclohexane	5.58	56	2279	0.341	ug/l #	61
39) Methylcyclohexane	7.46	83	4498	0.646	ug/l	98
52) Toluene	8.78	92	3992	0.358	ug/l	84
67) Ethyl Benzene	10.25	91	8542	0.408	ug/l #	87
68) m/p-Xylenes	10.35	106	11806	1.468	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	11545	0.662	ug/l	93
95) Naphthalene	13.83	128	11159	0.499	ug/l #	92

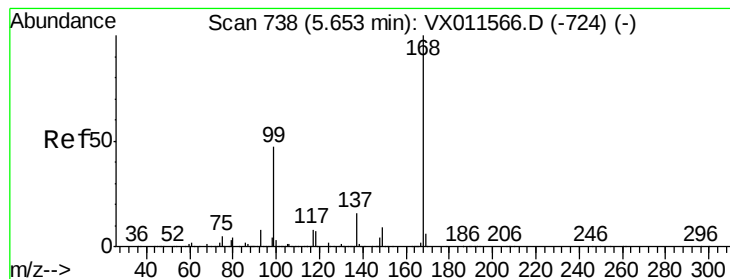
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. 0.00 min

Lab File: VX011589.D

Acq: 16 Aug 2019 18:22

Instrument :

MSVOA_X

ClientSampleId :

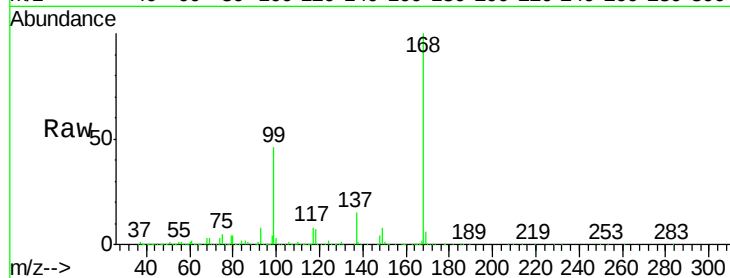
STORAGE-BLANK-SOIL-REF-6

Tot Ion:168 Resp: 486010

Ion Ratio Lower Upper

168 100

99 45.8 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

200000

150000

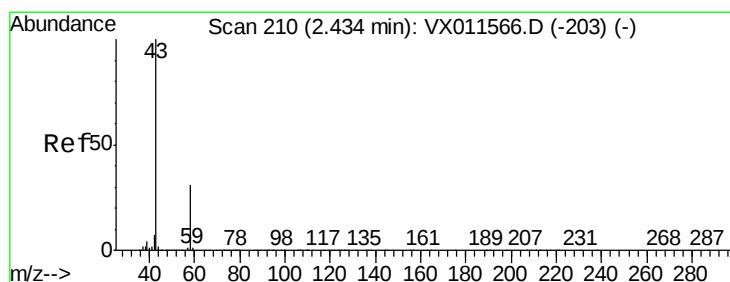
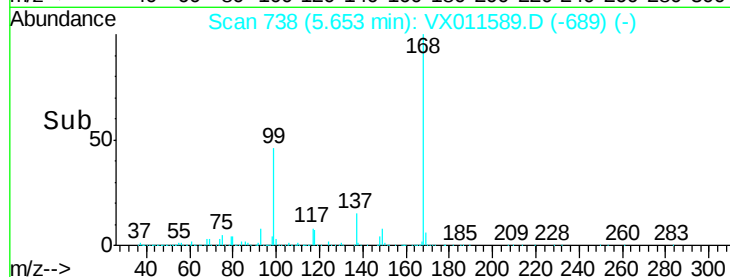
100000

50000

0

5.50 5.60 5.70 5.80 5.90

Time-->



#16

Acetone

Concen: 2.985 ug/l

RT: 2.44 min Scan# 211

Delta R.T. 0.01 min

Lab File: VX011589.D

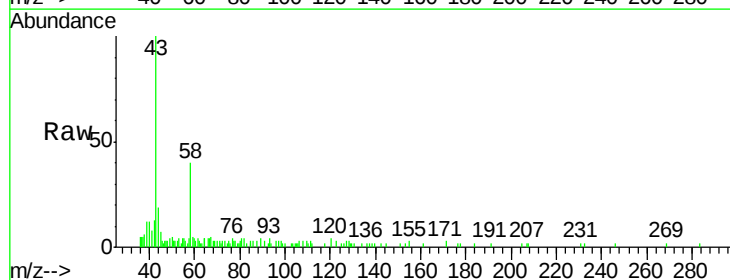
Acq: 16 Aug 2019 18:22

Tgt Ion: 43 Resp: 6764

Ion Ratio Lower Upper

43 100

58 39.9 25.2 37.8#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

4000

3000

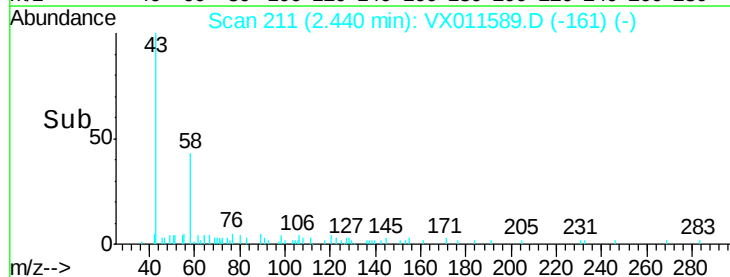
2000

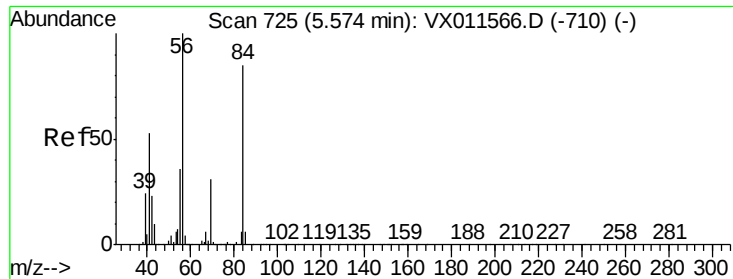
1000

0

2.35 2.40 2.45 2.50

Time-->

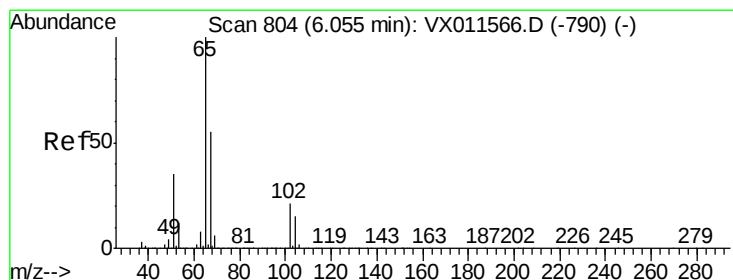
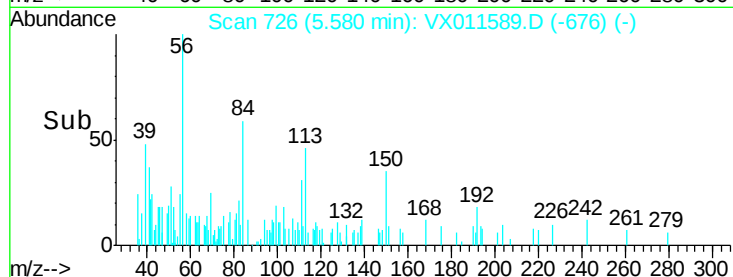
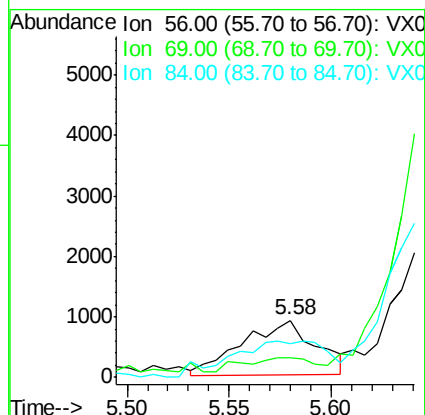
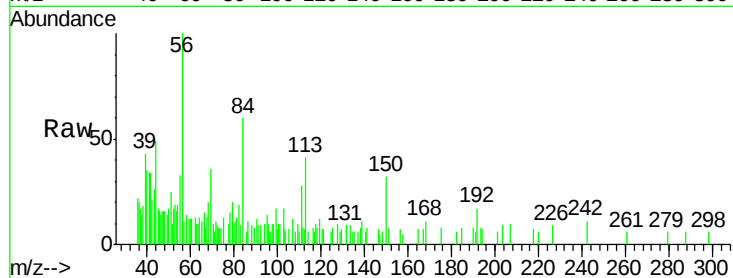




#31
Cyclohexane
Concen: 0.341 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.01 min
Lab File: VX011589.D
Acq: 16 Aug 2019 18:22

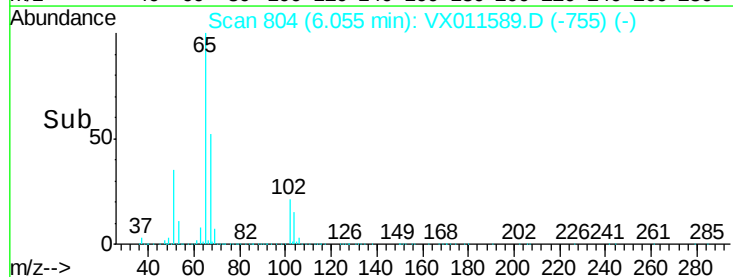
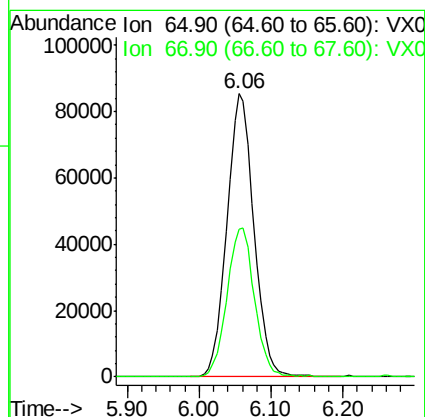
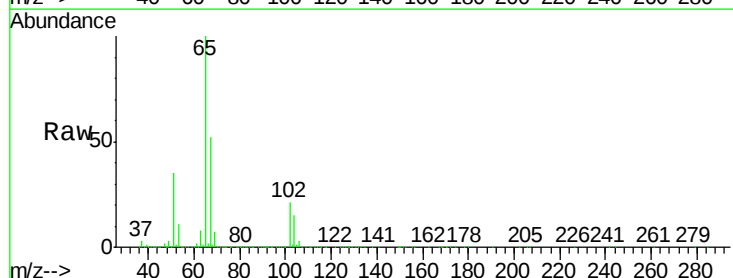
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

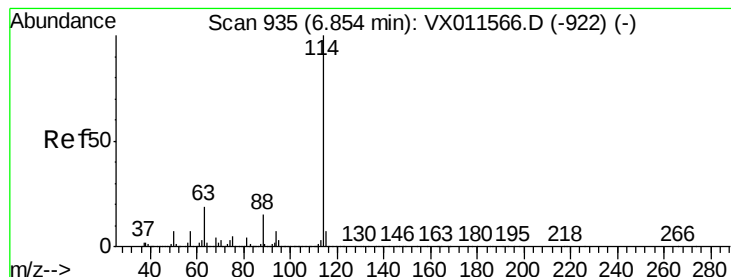
Tot Ion: 56 Resp: 2279
Ion Ratio Lower Upper
56 100
69 14.4 24.8 37.2#
84 46.0 67.9 101.9#



#33
1,2-Dichloroethane-d4
Concen: 49.139 ug/l
RT: 6.06 min Scan# 804
Delta R.T. 0.00 min
Lab File: VX011589.D
Acq: 16 Aug 2019 18:22

Tgt Ion: 65 Resp: 221473
Ion Ratio Lower Upper
65 100
67 53.8 0.0 107.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. 0.00 min

Lab File: VX011589.D

Acq: 16 Aug 2019 18:22

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

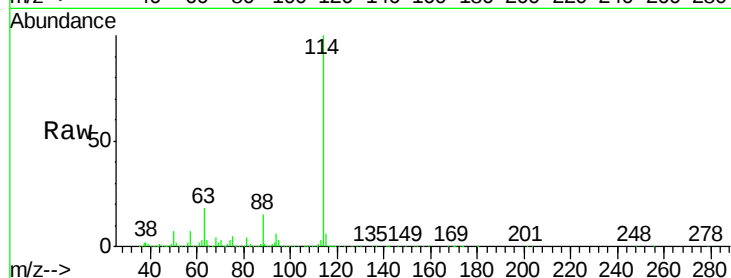
Tot Ion:114 Resp: 659186

Ion Ratio Lower Upper

114 100

63 18.3 0.0 37.8

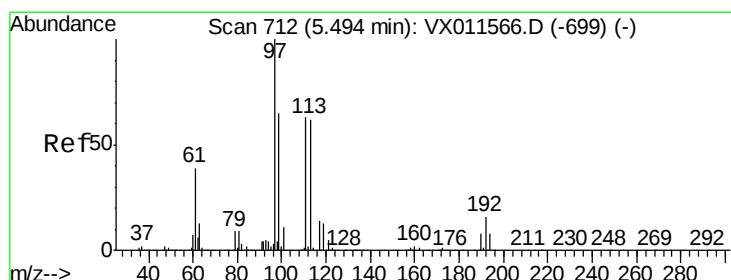
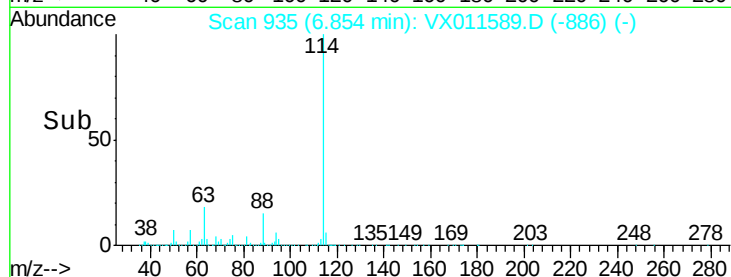
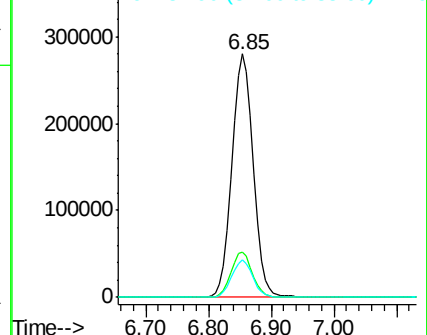
88 15.4 0.0 30.2



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: 45.120 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX011589.D

Acq: 16 Aug 2019 18:22

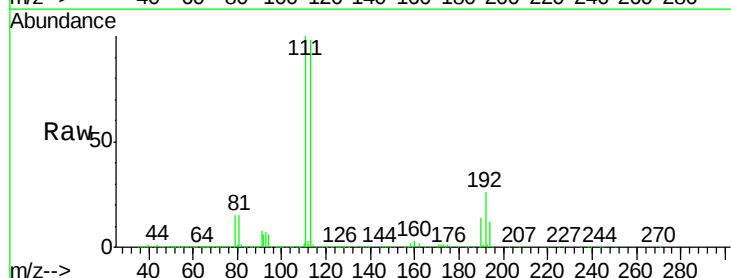
Tgt Ion:113 Resp: 194535

Ion Ratio Lower Upper

113 100

111 101.4 81.1 121.7

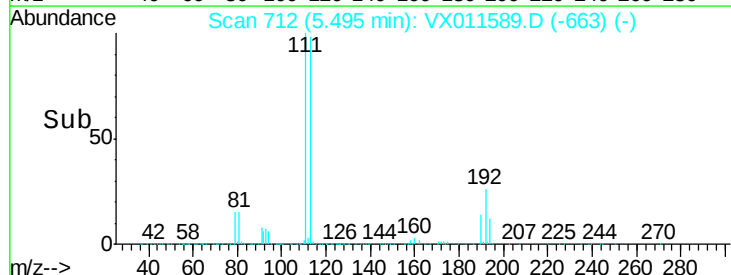
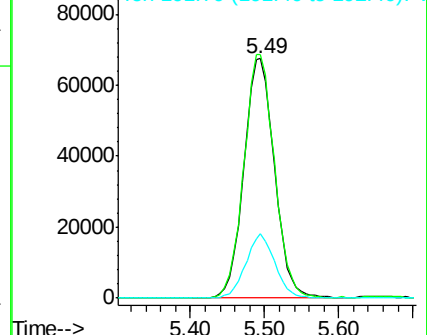
192 25.8 20.8 31.2

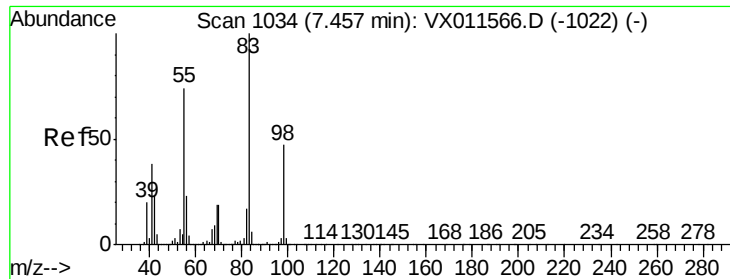


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

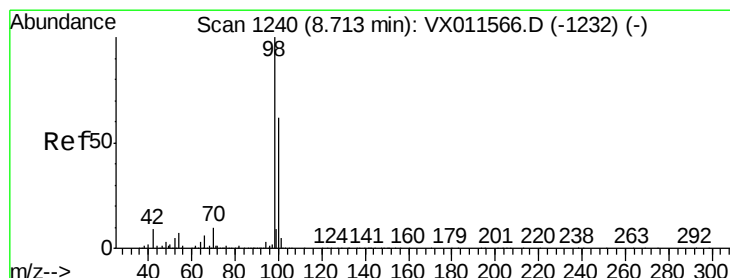
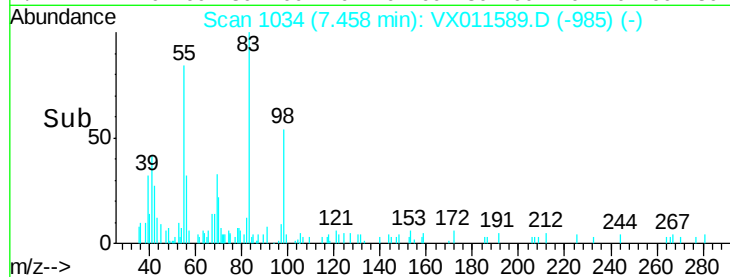
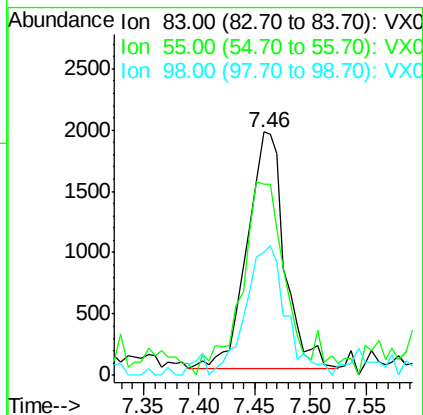
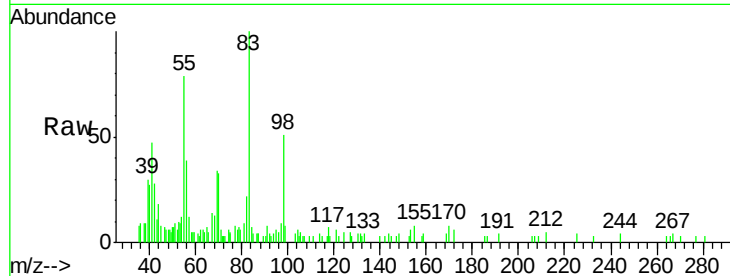




#39
Methvlcvclohexane
Concen: 0.646 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. 0.00 min
Lab File: VX011589.D
Acq: 16 Aug 2019 18:22

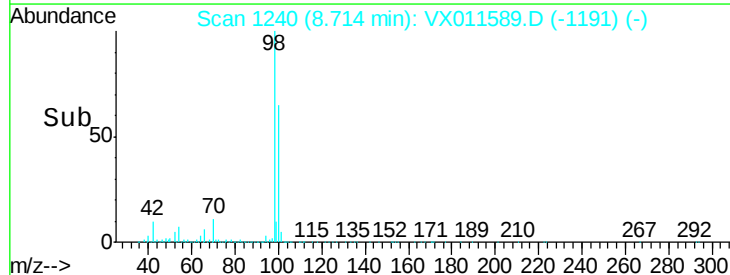
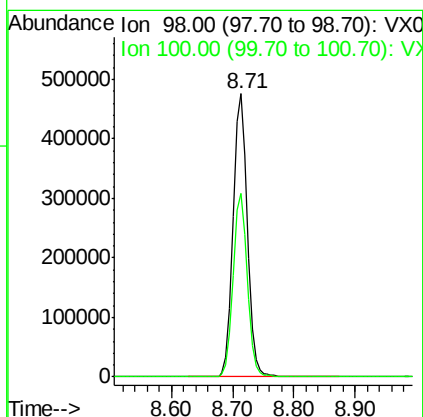
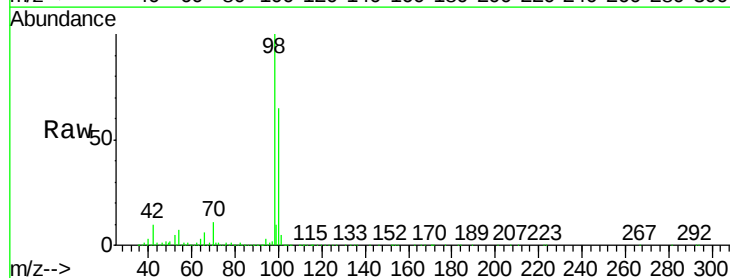
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

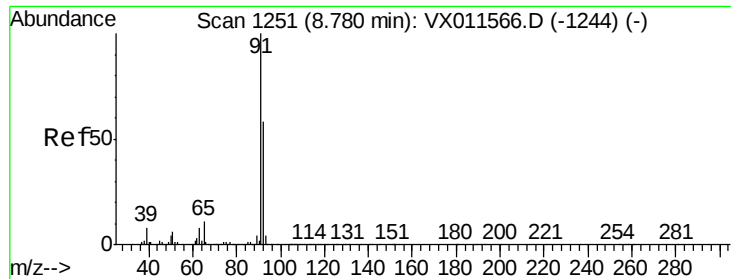
Tot Ion: 83 Resp: 4498
Ion Ratio Lower Upper
83 100
55 76.0 58.8 88.2
98 48.0 37.8 56.6



#50
Toluene-d8
Concen: 55.846 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX011589.D
Acq: 16 Aug 2019 18:22

Tgt Ion: 98 Resp: 750246
Ion Ratio Lower Upper
98 100
100 64.4 52.4 78.6





#52

Toluene

Concen: 0.358 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. 0.00 min

Lab File: VX011589.D

Acq: 16 Aug 2019 18:22

Instrument :

MSVOA_X

ClientSampleId :

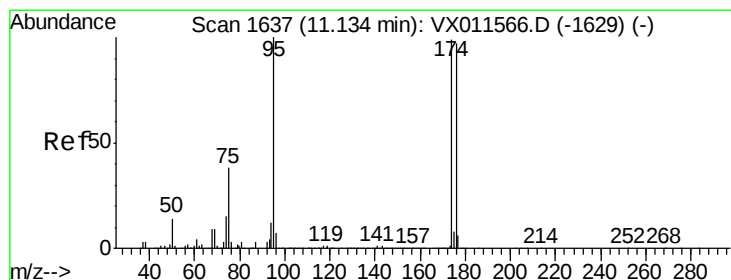
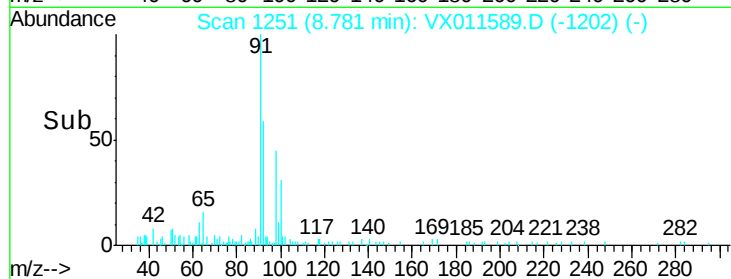
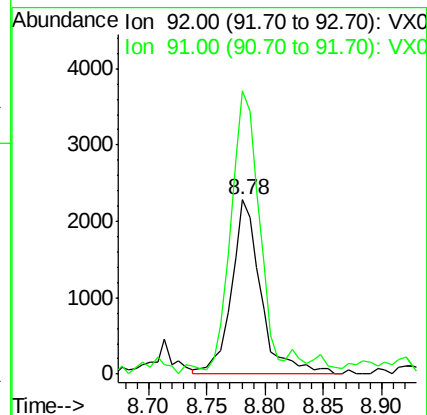
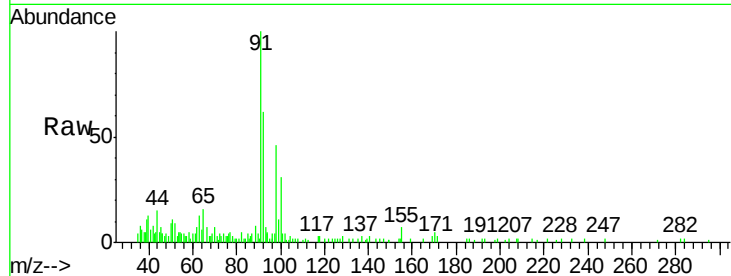
STORAGE-BLANK-SOIL-REF-6

Tot Ion: 92 Resp: 3992

Ion Ratio Lower Upper

92 100

91 150.3 138.0 207.0



#62

4-Bromofluorobenzene

Concen: 48.840 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011589.D

Acq: 16 Aug 2019 18:22

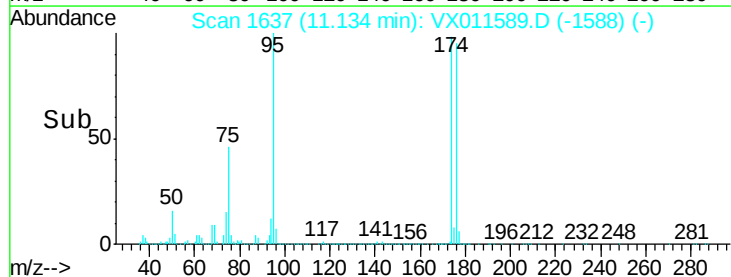
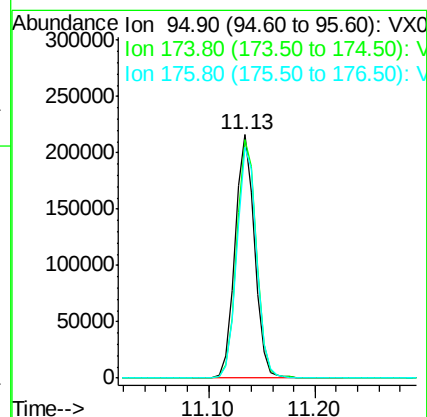
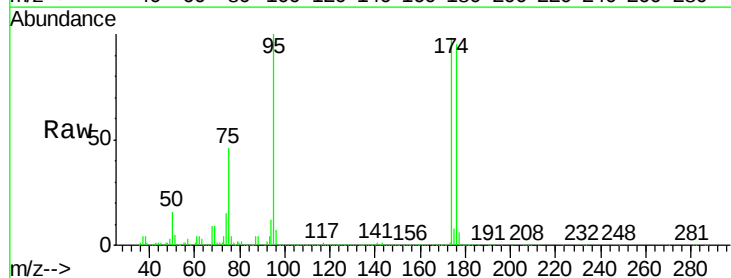
Tgt Ion: 95 Resp: 276938

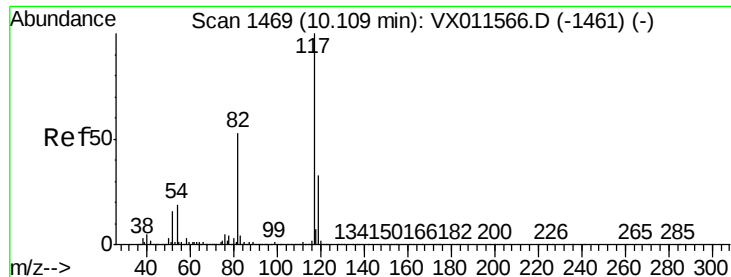
Ion Ratio Lower Upper

95 100

174 99.7 0.0 200.6

176 96.2 0.0 196.6

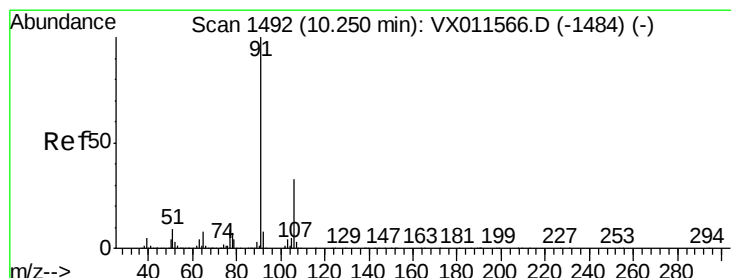
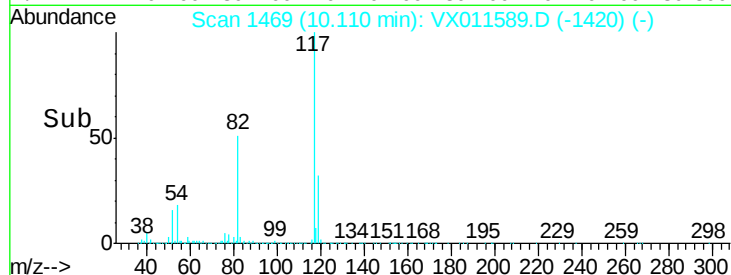
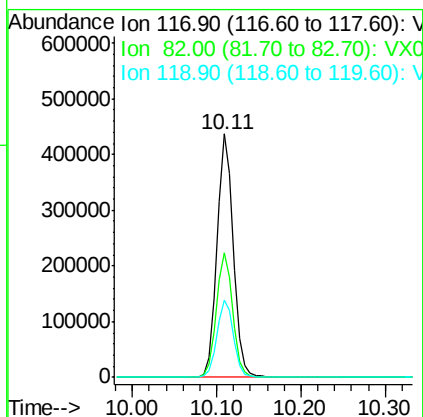
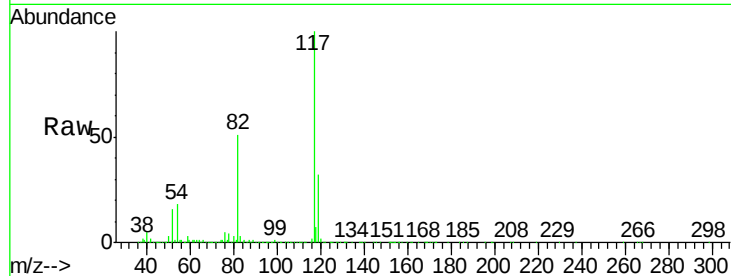




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011589.D
Acq: 16 Aug 2019 18:22

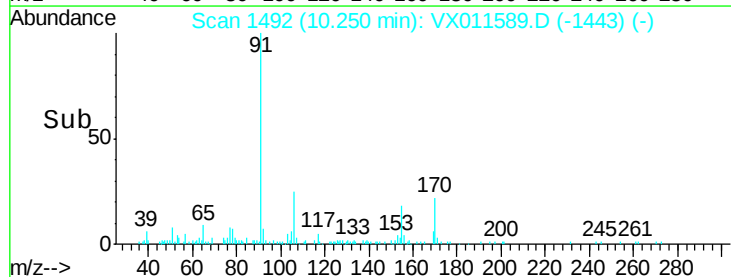
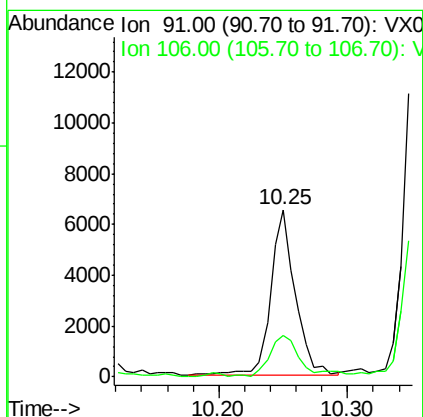
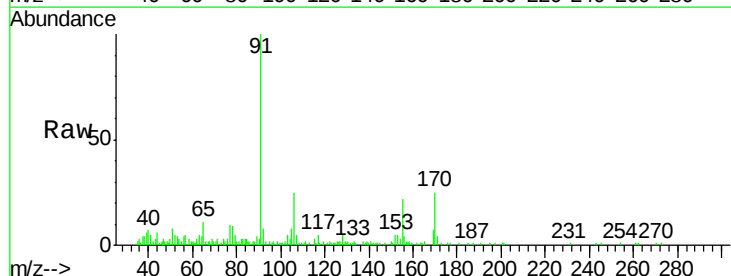
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STORAGE-BLANK-SOIL-REF-6

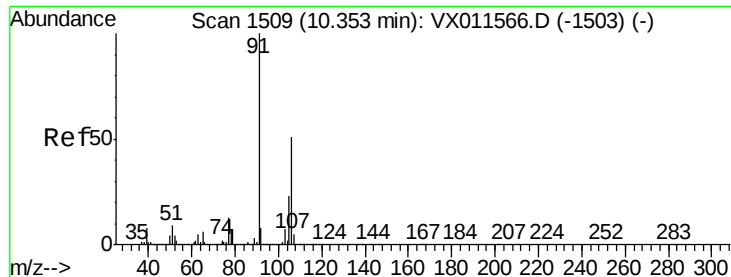
Tot Ion:117 Resp: 588470
Ion Ratio Lower Upper
117 100
82 51.1 42.0 63.0
119 31.9 26.5 39.7



#67
Ethyl Benzene
Concen: 0.408 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX011589.D
Acq: 16 Aug 2019 18:22

Tgt Ion: 91 Resp: 8542
Ion Ratio Lower Upper
91 100
106 24.9 26.0 39.0#





#68

m/p-Xvlenes

Concen: 1.468 ug/l

RT: 10.35 min Scan# 1509

Delta R.T. 0.00 min

Lab File: VX011589.D

Acq: 16 Aug 2019 18:22

Instrument :

MSVOA_X

ClientSampleId :

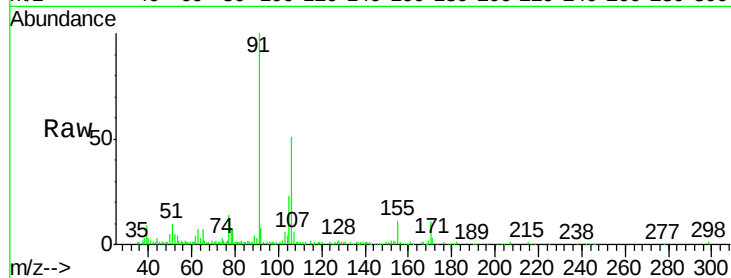
STORAGE-BLANK-SOIL-REF-6

Tot Ion:106 Resp: 11806

Ion Ratio Lower Upper

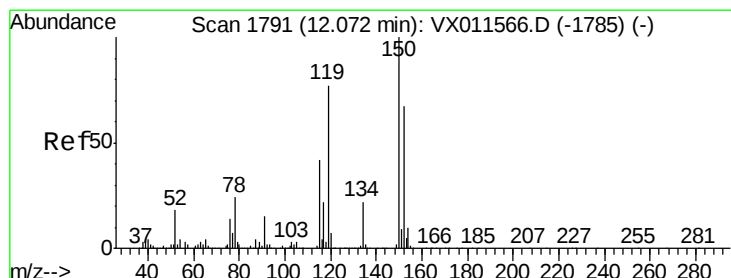
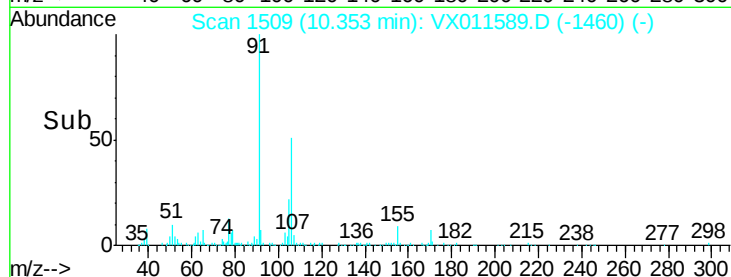
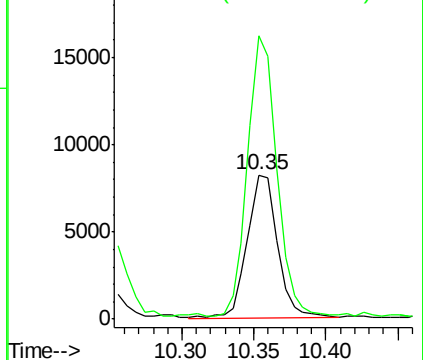
106 100

91 190.0 156.0 234.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1791

Delta R.T. 0.00 min

Lab File: VX011589.D

Acq: 16 Aug 2019 18:22

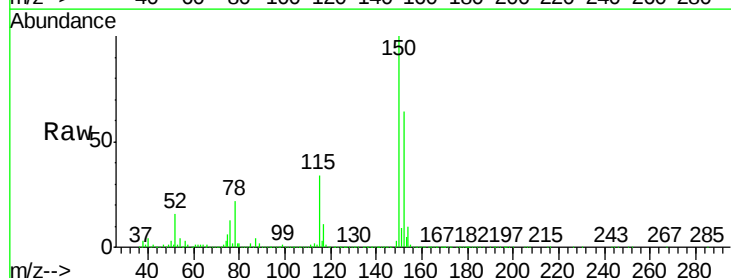
Tgt Ion:152 Resp: 318506

Ion Ratio Lower Upper

152 100

115 52.6 37.3 111.9

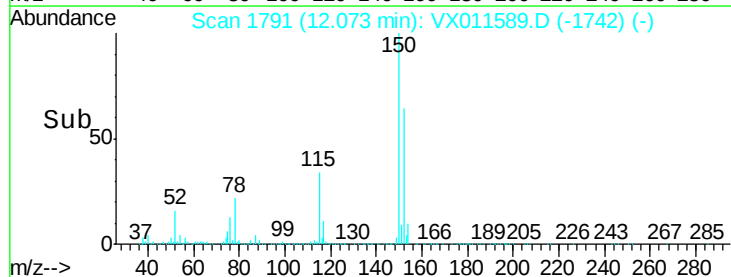
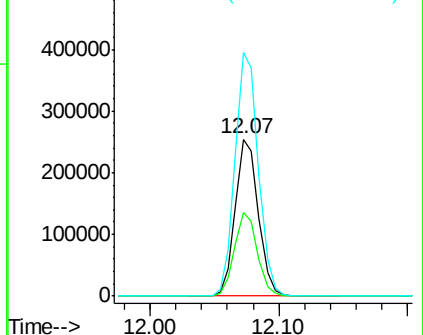
150 156.7 0.0 346.2

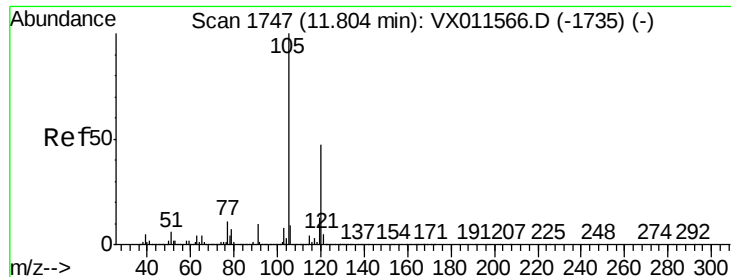


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

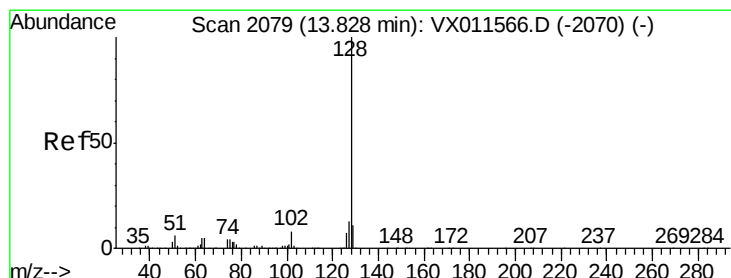
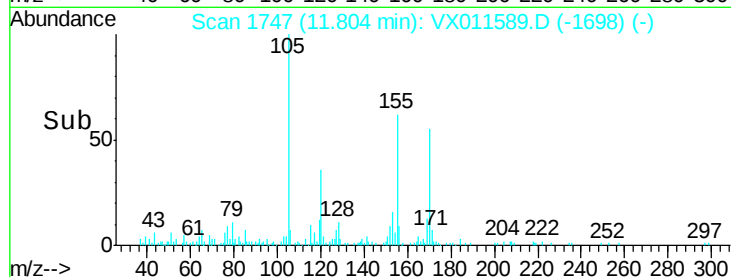
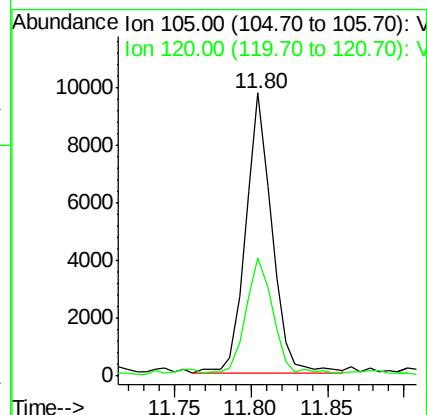
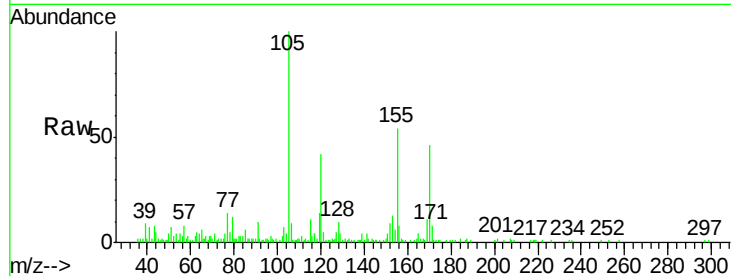




#84
 1,2,4-Trimethylbenzene
 Concen: 0.662 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX011589.D
 Acq: 16 Aug 2019 18:22

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-6

Tot Ion:105 Resp: 11545
 Ion Ratio Lower Upper
 105 100
 120 42.0 23.3 69.9



#95
 Naphthalene
 Concen: 0.499 ug/l
 RT: 13.83 min Scan# 2079
 Delta R.T. 0.00 min
 Lab File: VX011589.D
 Acq: 16 Aug 2019 18:22

Tgt Ion:128 Resp: 11159
 Ion Ratio Lower Upper
 128 100
 127 10.6 10.3 15.5
 129 15.0 8.7 13.1#

