

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120318\
 Data File : VX006256.D
 Acq On : 03 Dec 2018 16:30
 Operator : JC/MD
 Sample : J6203-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Dec 04 04:57:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	899002	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1338044	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	1211283	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	578002	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	436152	47.52	ug/l	0.00
Spiked Amount			Recovery	=	95.04%	
35) Dibromofluoromethane	5.51	113	423999	48.94	ug/l	0.00
Spiked Amount			Recovery	=	97.88%	
50) Toluene-d8	8.71	98	1564633	49.65	ug/l	0.00
Spiked Amount			Recovery	=	99.30%	
62) 4-Bromofluorobenzene	11.13	95	571409	48.12	ug/l	0.00
Spiked Amount			Recovery	=	96.24%	

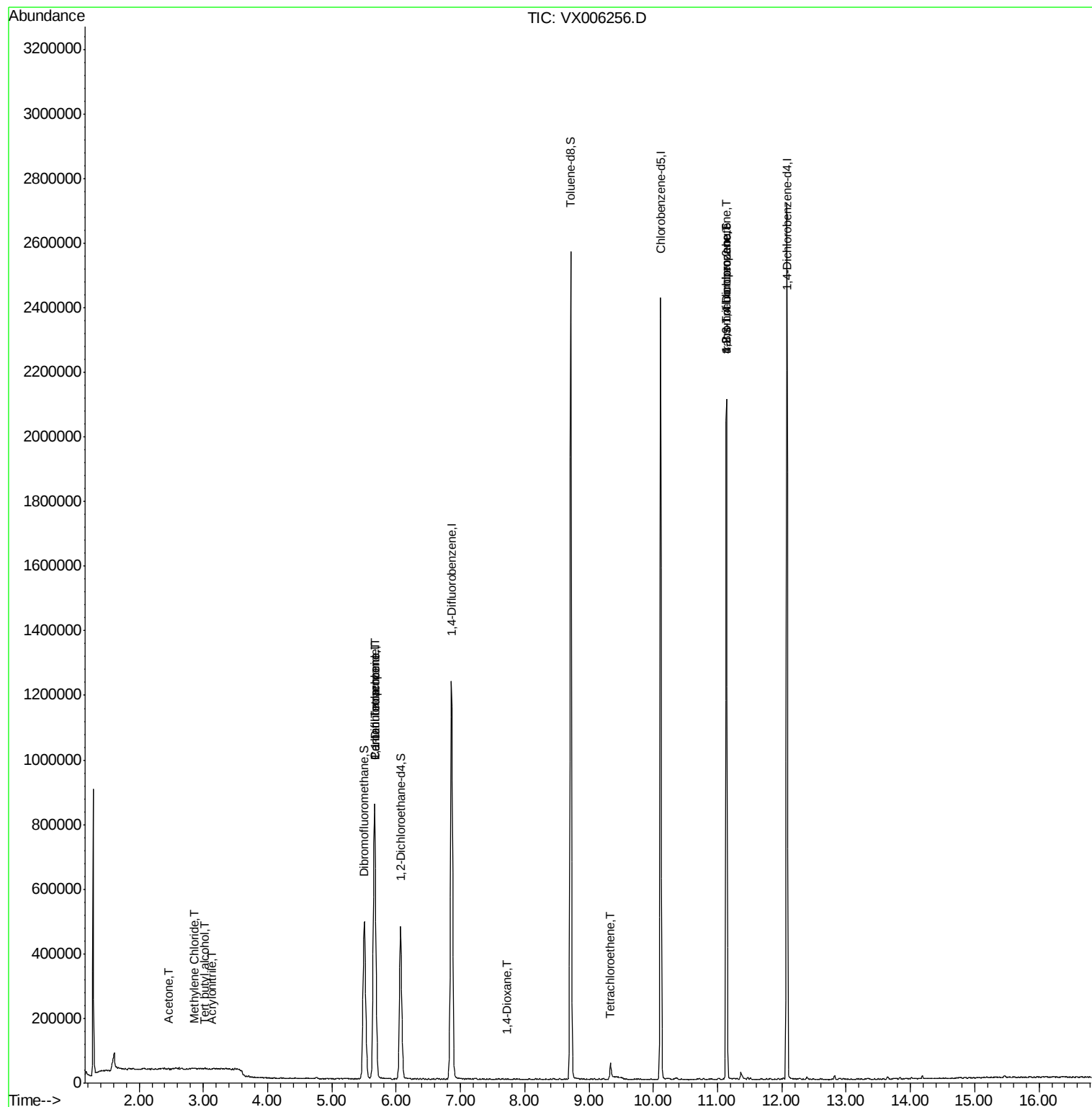
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.01	59	1463	0.583	ug/l #	2
15) Acrylonitrile	3.14	53	1992	0.380	ug/l #	38
16) Acetone	2.45	43	3456	0.802	ug/l	98
20) Methylene Chloride	2.86	84	2240	0.244	ug/l #	73
36) 1,1-Dichloropropene	5.67	75	55226	4.901	ug/l #	48
38) Carbon Tetrachloride	5.67	117	81075	6.116	ug/l #	16
49) 1,4-Dioxane	7.73	88	164	0.650	ug/l #	1
64) Tetrachloroethene	9.34	164	4196	0.460	ug/l	93
76) 1,2,3-Trichloropropane	11.13	75	263560	23.624	ug/l #	38
81) trans-1,4-Dichloro-2-buten	11.13	75	263560	55.439	ug/l #	15

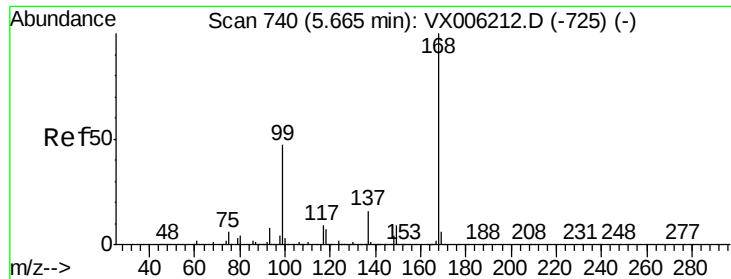
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX120318\
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Quant Time: Dec 04 04:57:42 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 30 03:55:33 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX006256.D

Acq: 03 Dec 2018 16:30

Instrument :

MSVOA_X

ClientSampleId :

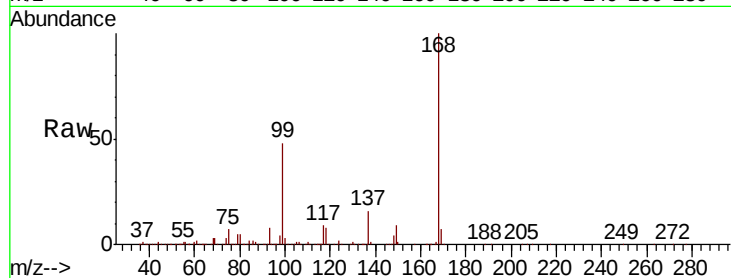
STORAGE-BLANK-SOIL-REF-6

Tot Ion:168 Resp: 899002

Ion Ratio Lower Upper

168 100

99 48.0 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

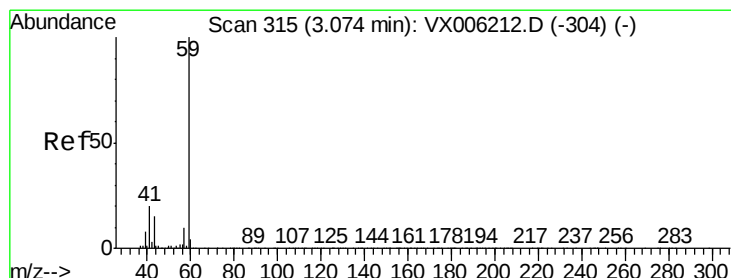
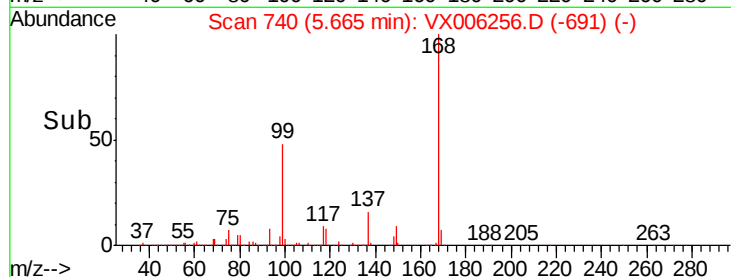
300000

200000

100000

0

Time-->



#11

Tert butyl alcohol

Concen: 0.583 ug/l

RT: 3.01 min Scan# 305

Delta R.T. -0.06 min

Lab File: VX006256.D

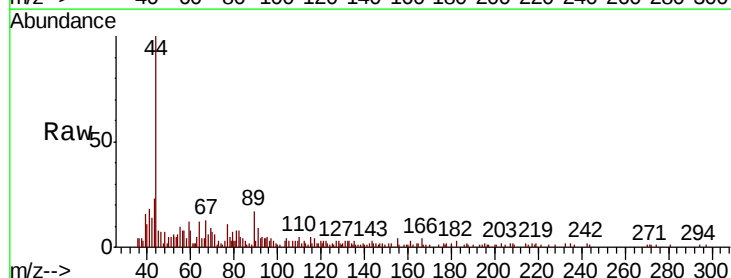
Acq: 03 Dec 2018 16:30

Tgt Ion: 59 Resp: 1463

Ion Ratio Lower Upper

59 100

57 46.8 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.01

800

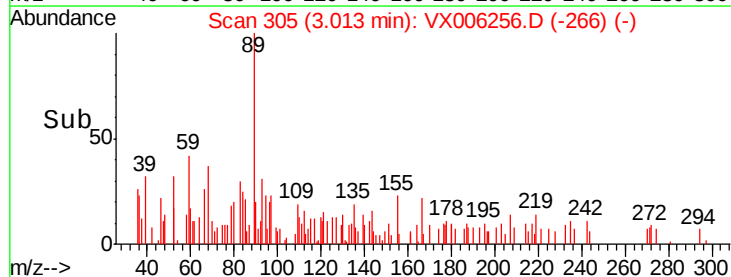
600

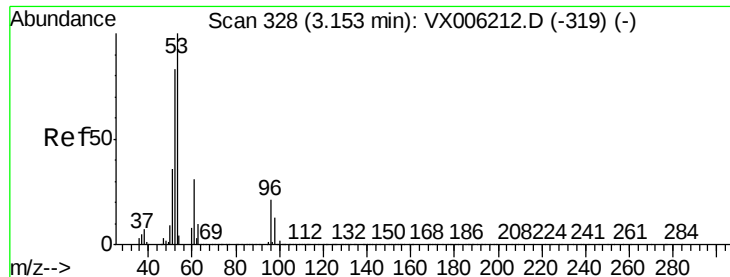
400

200

0

Time-->





#15

Acrylonitrile

Concen: 0.380 ug/l

RT: 3.14 min Scan# 325

Delta R.T. -0.02 min

Lab File: VX006256.D

Acq: 03 Dec 2018 16:30

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

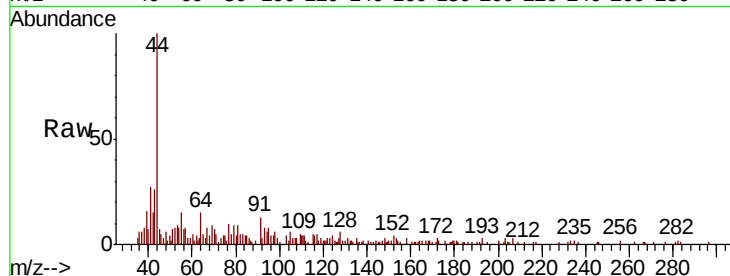
Tot Ion: 53 Resp: 1992

Ion Ratio Lower Upper

53 100

52 16.9 66.2 99.4#

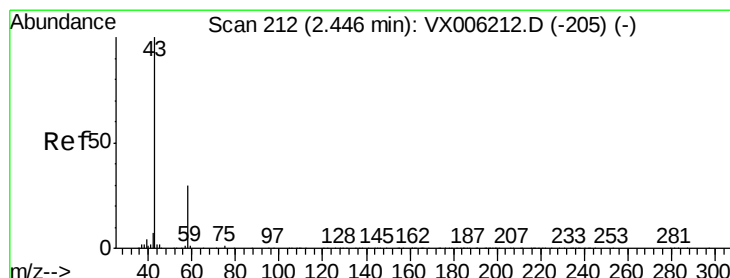
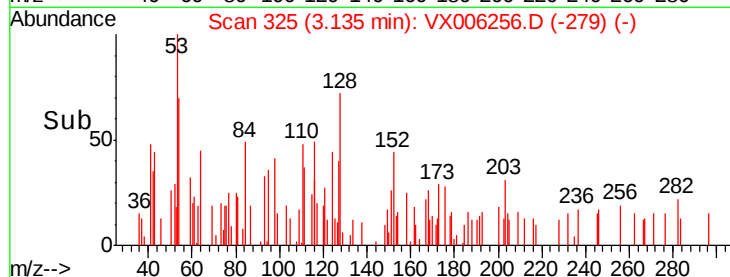
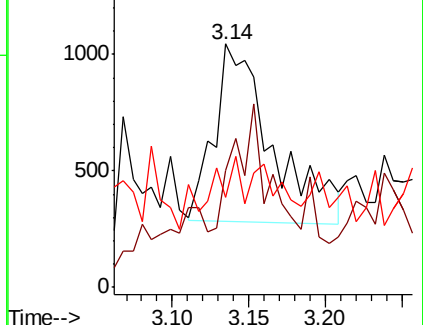
51 14.4 28.7 43.1#



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 0.802 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX006256.D

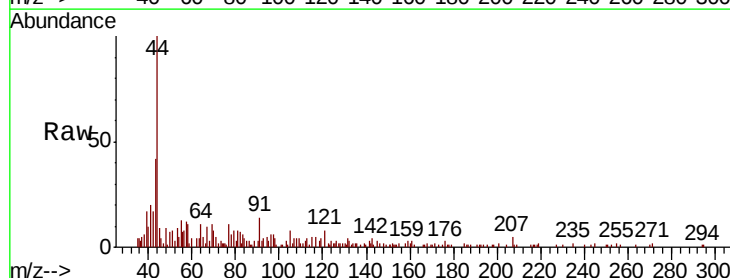
Acq: 03 Dec 2018 16:30

Tgt Ion: 43 Resp: 3456

Ion Ratio Lower Upper

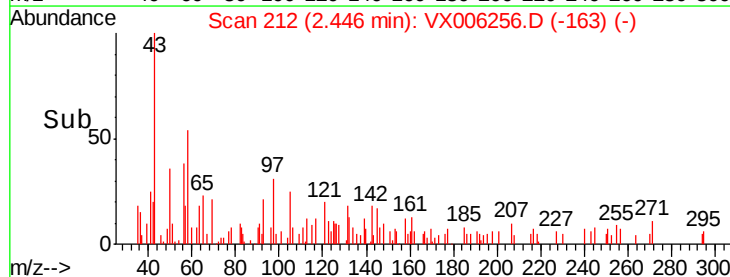
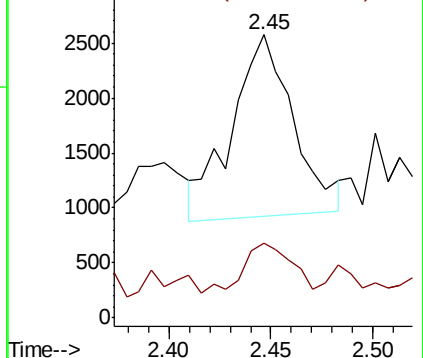
43 100

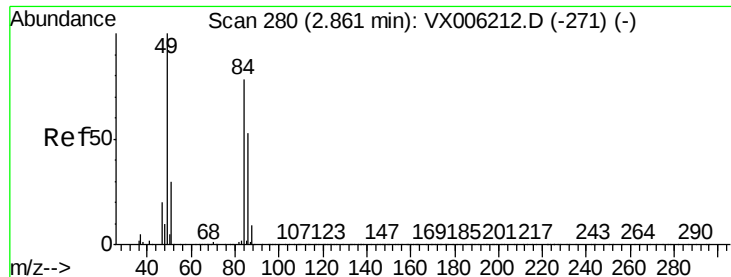
58 31.1 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

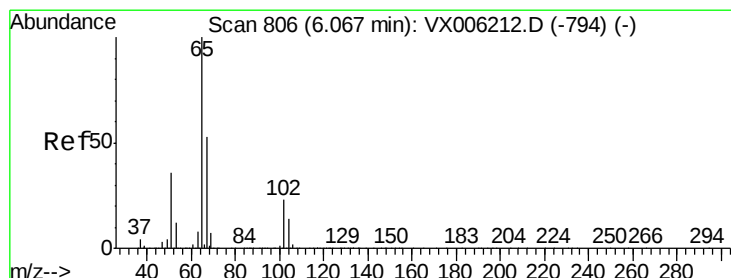
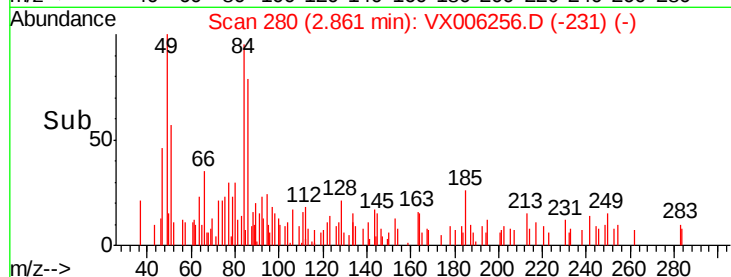
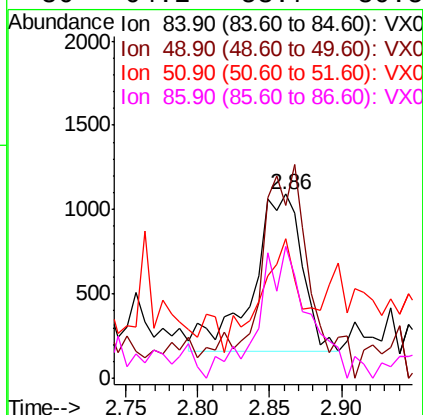
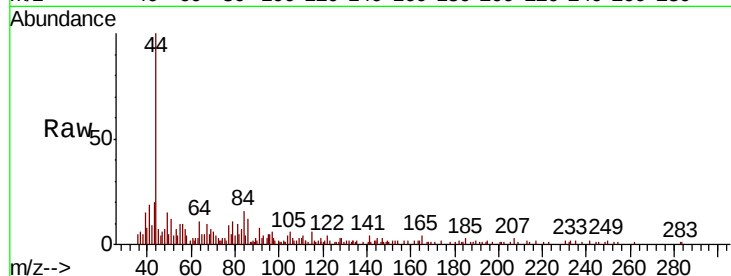




#20
Methvlene Chloride
Concen: 0.244 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX006256.D
Acq: 03 Dec 2018 16:30

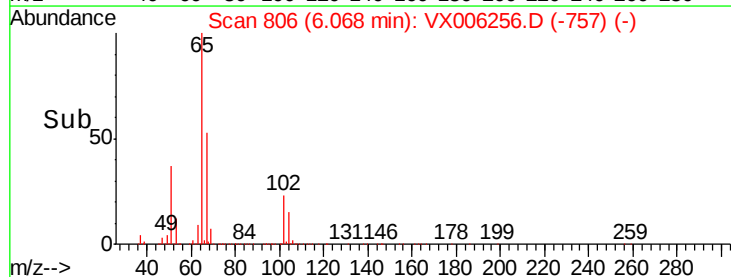
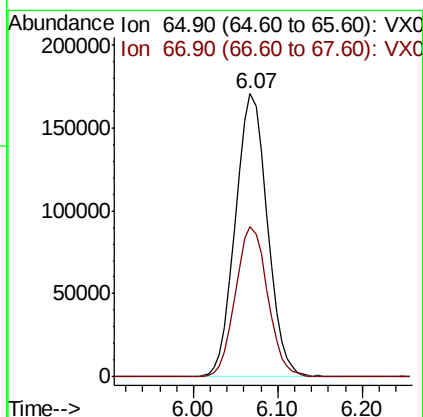
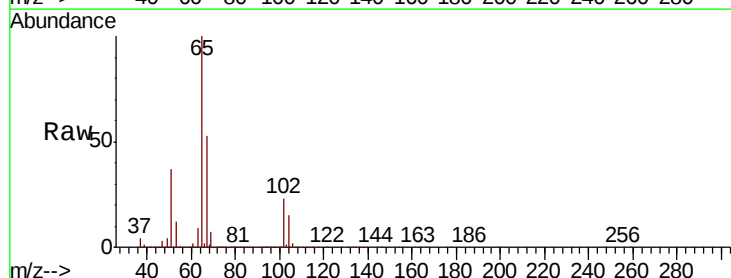
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

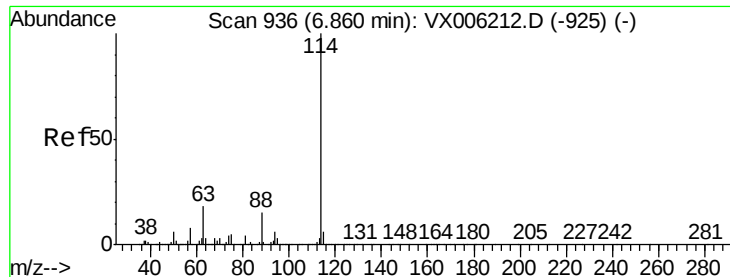
Tot Ion: 84 Resp: 2240
Ion Ratio Lower Upper
84 100
49 83.9 102.2 153.4#
51 57.9 31.1 46.7#
86 64.2 53.7 80.5



#33
1,2-Dichloroethane-d4
Concen: 47.525 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX006256.D
Acq: 03 Dec 2018 16:30

Tgt Ion: 65 Resp: 436152
Ion Ratio Lower Upper
65 100
67 53.5 0.0 107.2

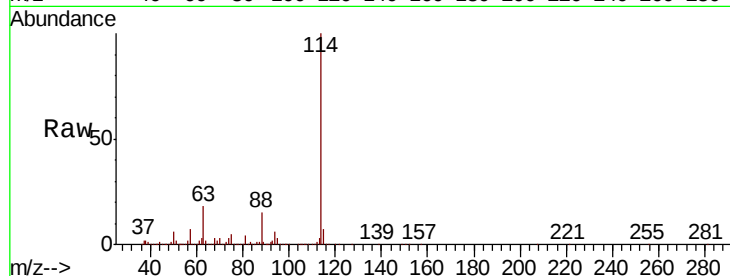




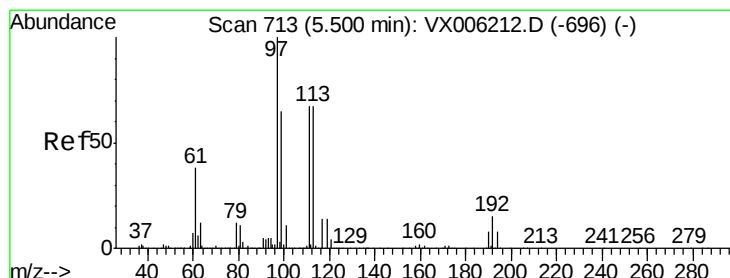
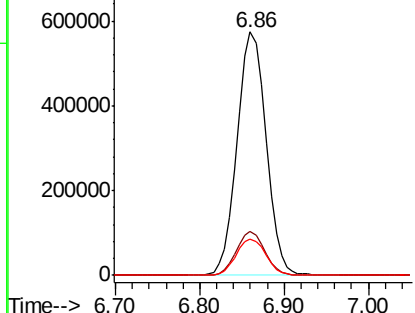
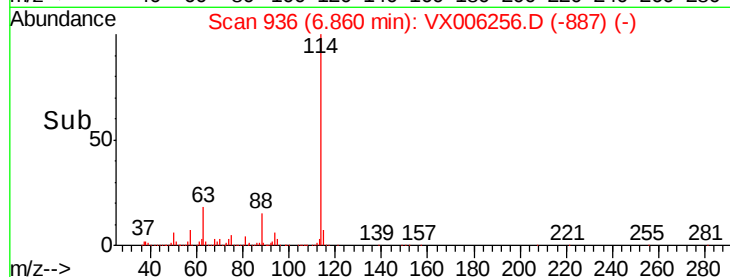
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX006256.D
 Acq: 03 Dec 2018 16:30

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

Tot Ion:114 Resp: 1338044
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 36.6
 88 14.9 0.0 29.0

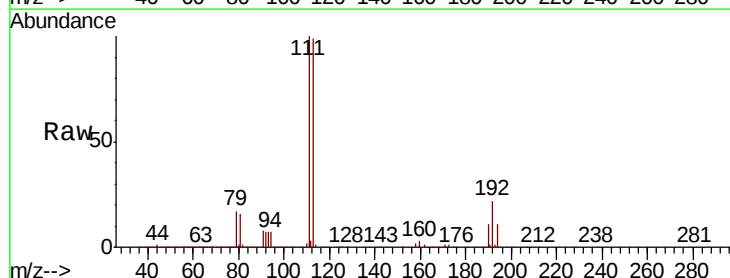


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

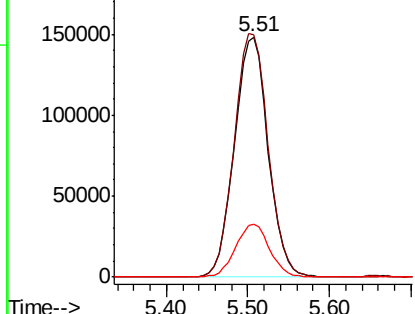
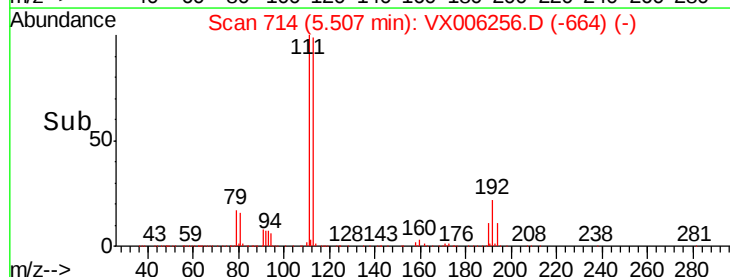


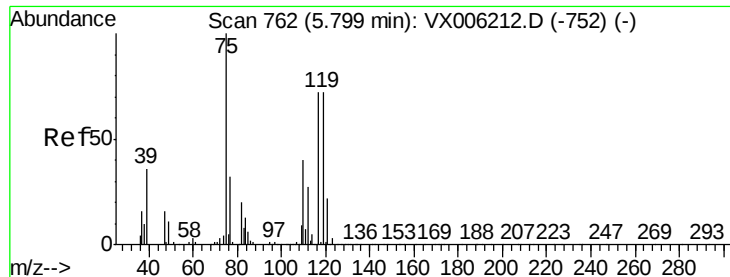
#35
 Dibromofluoromethane
 Concen: 48.942 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX006256.D
 Acq: 03 Dec 2018 16:30

Tgt Ion:113 Resp: 423999
 Ion Ratio Lower Upper
 113 100
 111 102.7 81.1 121.7
 192 22.3 18.2 27.2



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





#36

1,1-Dichloropropene

Concen: 4.901 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX006256.D

Acq: 03 Dec 2018 16:30

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

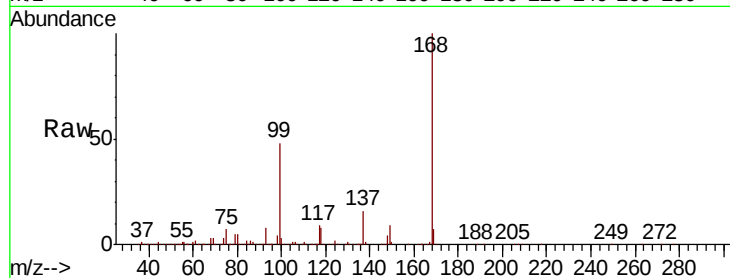
Tot Ion: 75 Resp: 55226

Ion Ratio Lower Upper

75 100

110 10.5 20.4 61.3#

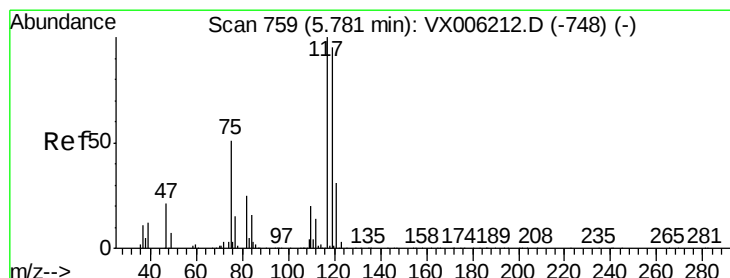
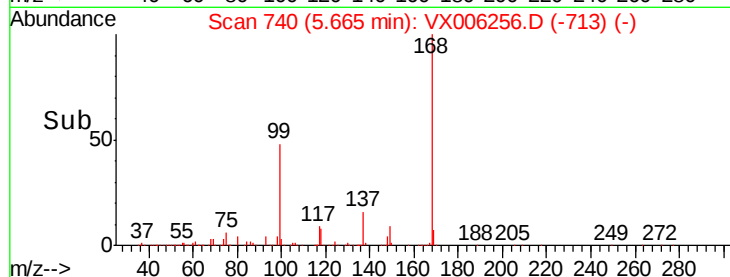
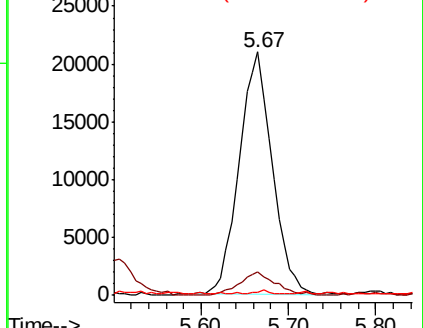
77 0.5 24.9 37.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0



#38

Carbon Tetrachloride

Concen: 6.116 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX006256.D

Acq: 03 Dec 2018 16:30

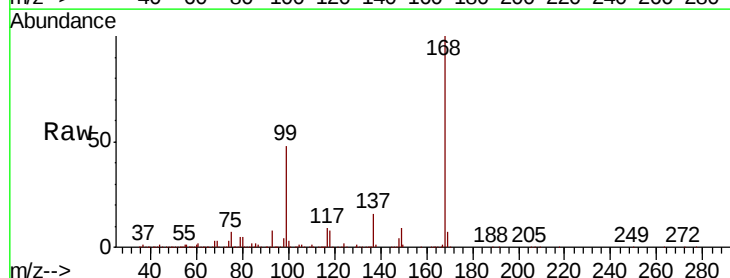
Tgt Ion: 117 Resp: 81075

Ion Ratio Lower Upper

117 100

119 4.2 75.8 113.8#

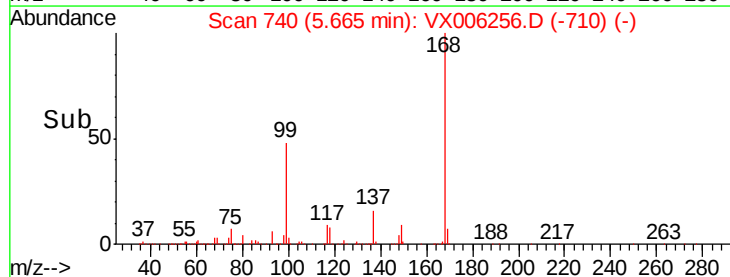
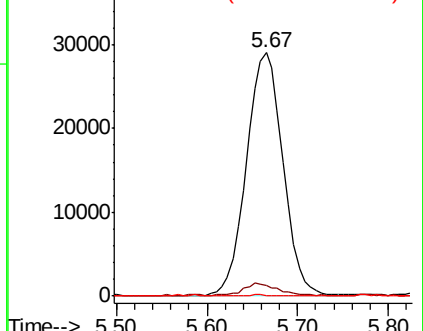
121 0.3 24.6 37.0#

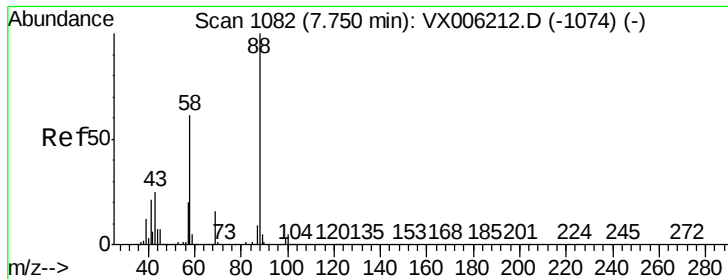


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

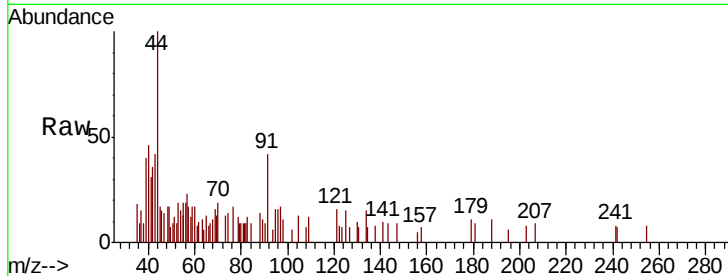




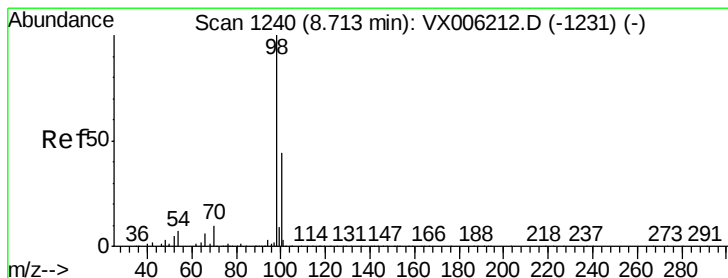
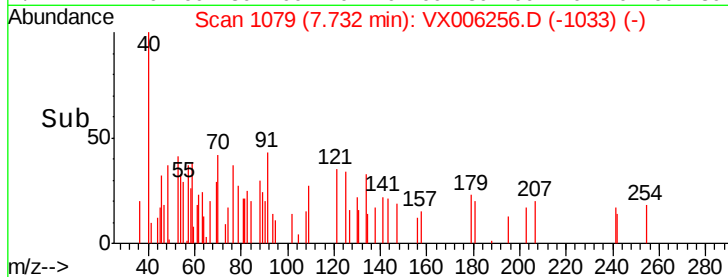
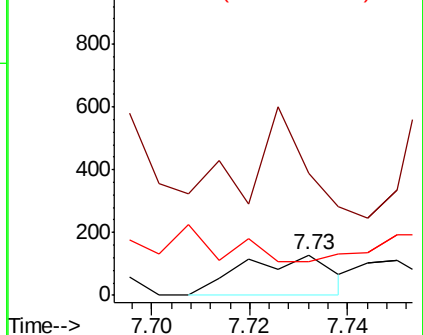
#49
1,4-Dioxane
Concen: 0.650 ug/l
RT: 7.73 min Scan# 1079
Delta R.T. -0.02 min
Lab File: VX006256.D
Acq: 03 Dec 2018 16:30

Instrument :
MSVOA_X
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Tot Ion: 88 Resp: 164
Ion Ratio Lower Upper
88 100
43 204.9 23.2 34.8#
58 0.0 51.4 77.0#

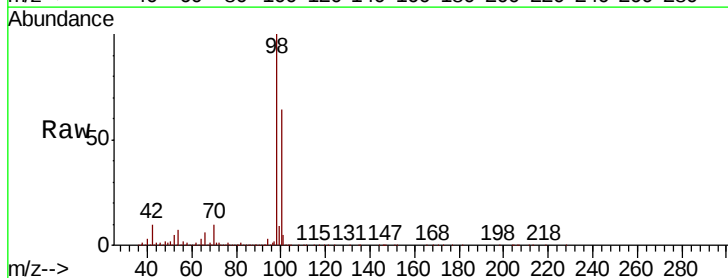


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

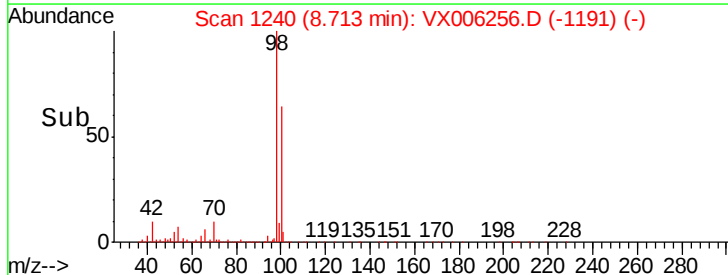
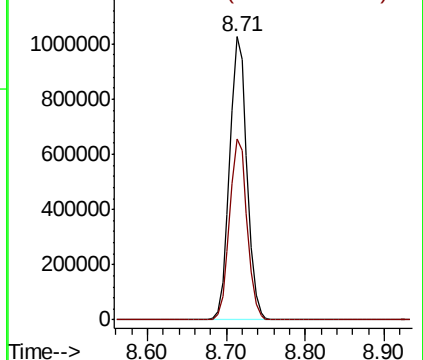


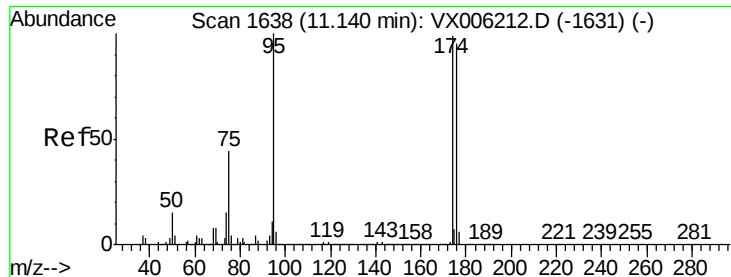
#50
Toluene-d8
Concen: 49.652 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006256.D
Acq: 03 Dec 2018 16:30

Tgt Ion: 98 Resp: 1564633
Ion Ratio Lower Upper
98 100
100 64.6 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 48.120 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006256.D

Acq: 03 Dec 2018 16:30

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

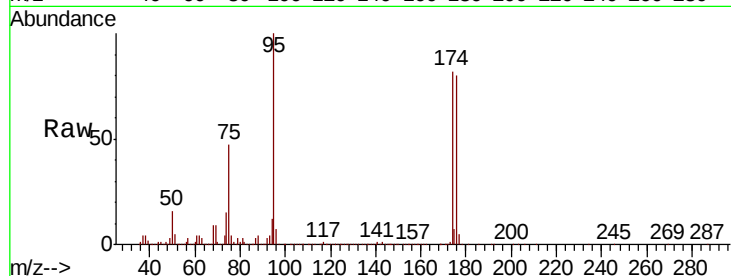
Tot Ion: 95 Resp: 571409

Ion Ratio Lower Upper

95 100

174 89.7 0.0 187.0

176 86.9 0.0 181.8

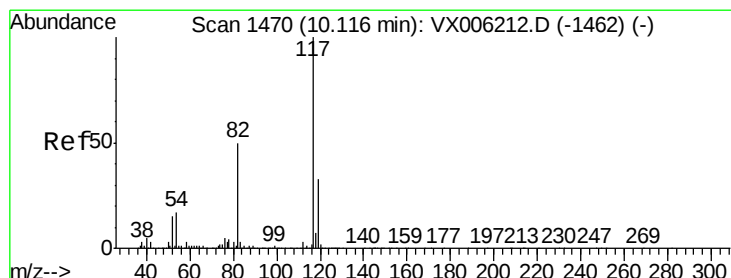
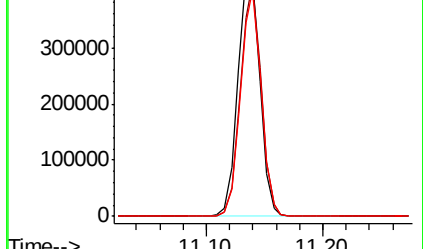
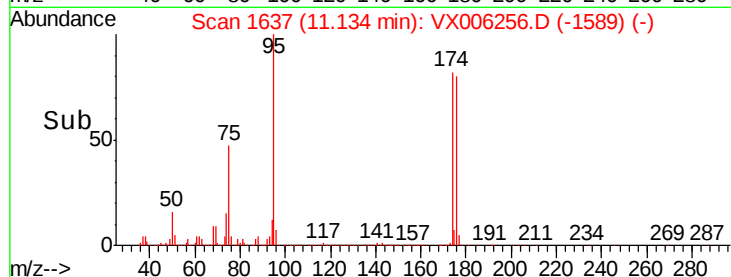


Abundance Ion 94.90 (94.60 to 95.60): VX006212.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX006212.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX006212.D (-1631) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VX006256.D

Acq: 03 Dec 2018 16:30

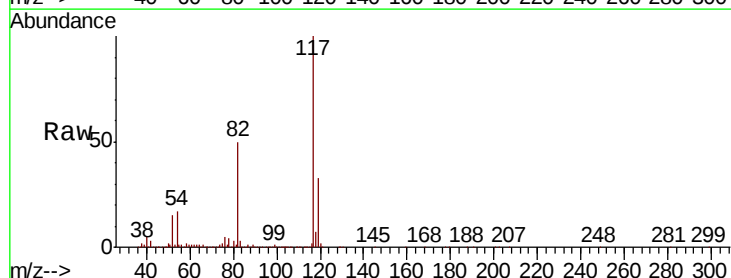
Tgt Ion: 117 Resp: 1211283

Ion Ratio Lower Upper

117 100

82 49.7 39.6 59.4

119 32.5 26.3 39.5

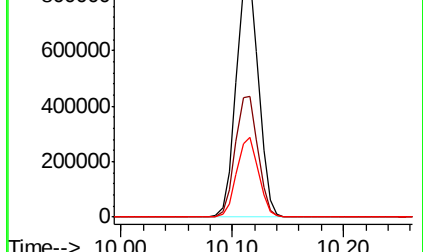
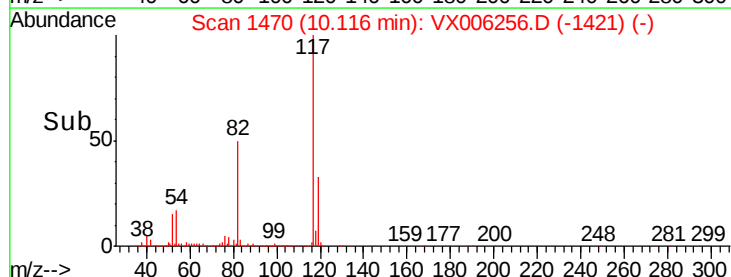


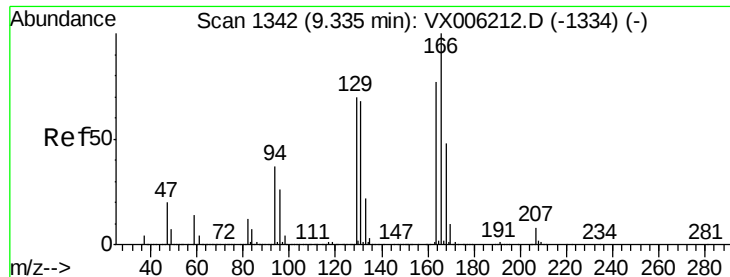
Abundance Ion 116.90 (116.60 to 117.60): VX006212.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX006212.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX006212.D (-1462) (-)

Time-->





#64

Tetrachloroethene

Concen: 0.460 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX006256.D

Acq: 03 Dec 2018 16:30

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

Tot Ion:164 Resp: 4196

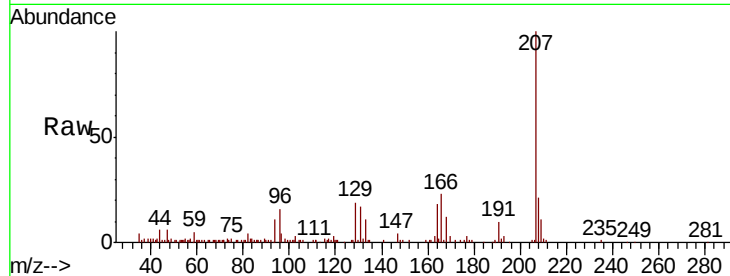
Ion Ratio Lower Upper

164 100

166 130.7 104.2 156.2

129 104.8 72.6 108.8

131 96.2 70.3 105.5

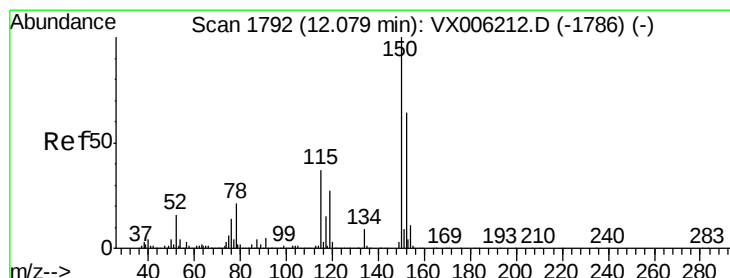
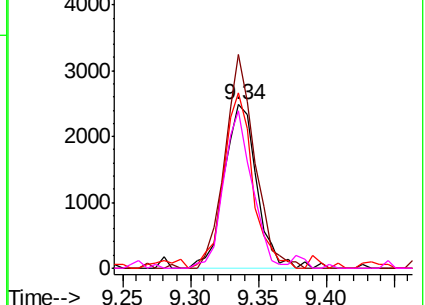
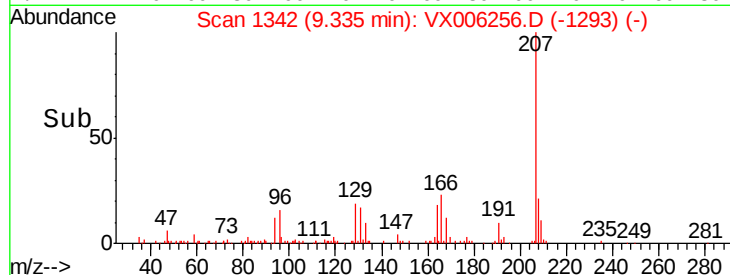


Abundance Ion 163.80 (163.50 to 164.50): V

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: VX006256.D

Acq: 03 Dec 2018 16:30

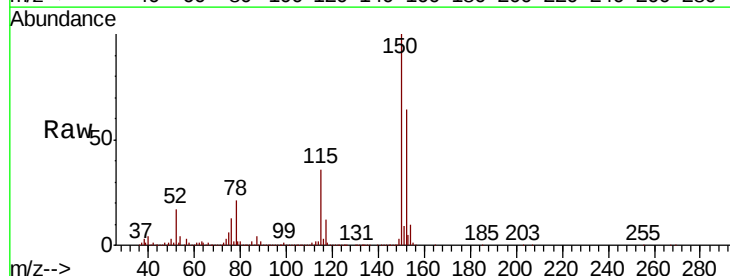
Tgt Ion:152 Resp: 578002

Ion Ratio Lower Upper

152 100

115 55.9 39.0 116.9

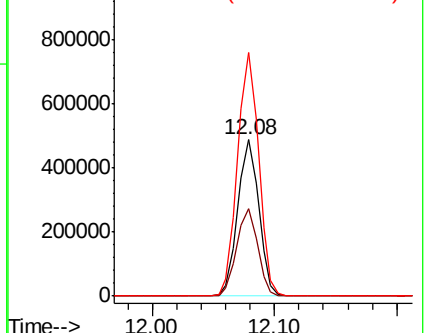
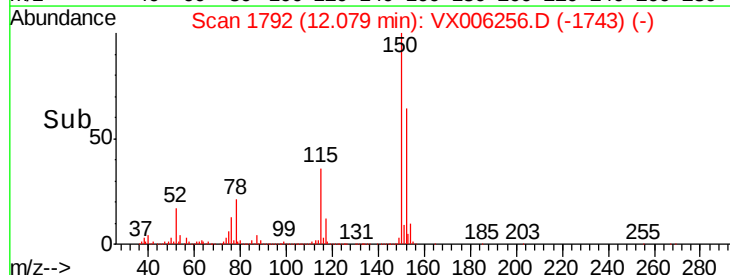
150 156.6 0.0 345.8

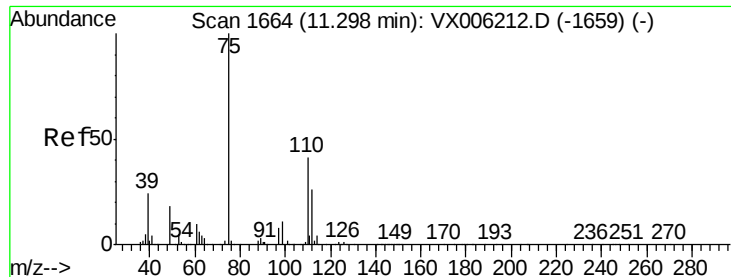


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 23.624 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX006256.D

Acq: 03 Dec 2018 16:30

Instrument :

MSVOA_X

ClientSampleId :

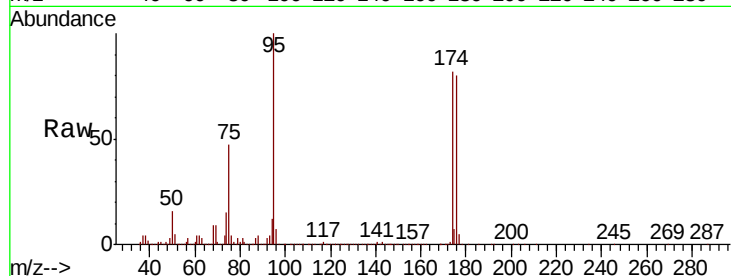
STORAGE-BLANK-SOIL-REF-6

Tot Ion: 75 Resp: 263560

Ion Ratio Lower Upper

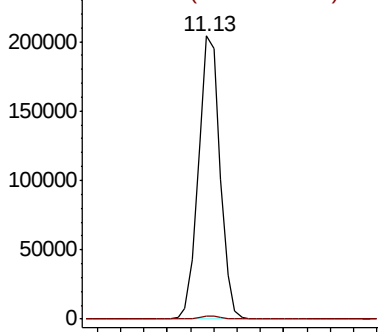
75 100

77 1.3 19.9 59.7#

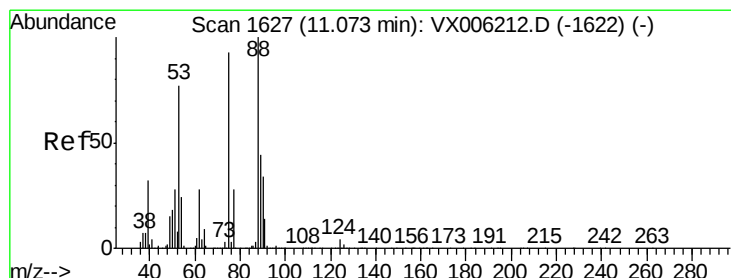
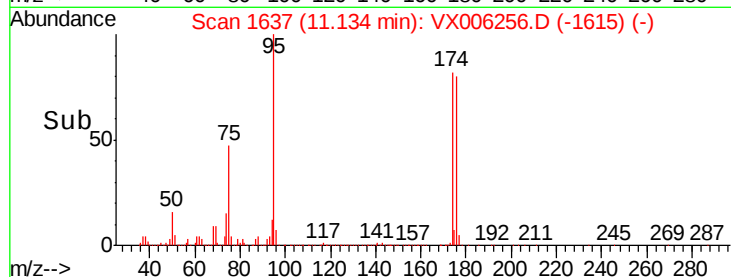


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 55.439 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX006256.D

Acq: 03 Dec 2018 16:30

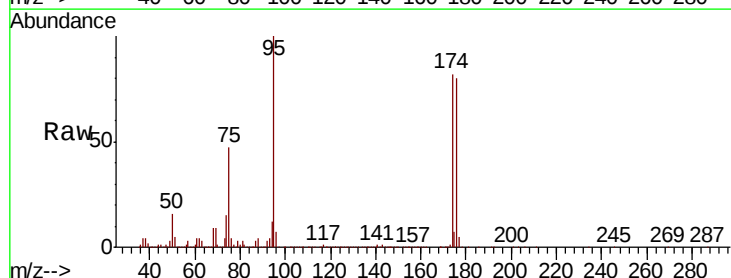
Tgt Ion: 75 Resp: 263560

Ion Ratio Lower Upper

75 100

53 0.1 64.4 96.6#

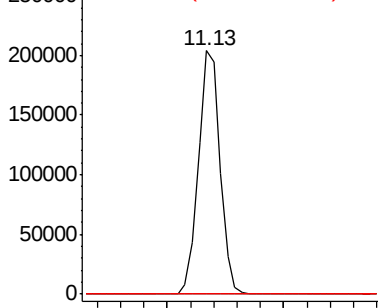
89 0.1 44.2 66.4#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



Time-->

