

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121018\
 Data File : VX006368.D
 Acq On : 10 Dec 2018 14:25
 Operator : JC/MD
 Sample : J6332-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Dec 11 03:57:01 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	843225	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1249114	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	1133960	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	547768	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	410252	47.66	ug/l	0.00
Spiked Amount			Recovery	=	95.32%	
35) Dibromofluoromethane	5.50	113	389923	48.21	ug/l	0.00
Spiked Amount			Recovery	=	96.42%	
50) Toluene-d8	8.71	98	1453097	49.40	ug/l	0.00
Spiked Amount			Recovery	=	98.80%	
62) 4-Bromofluorobenzene	11.13	95	537581	48.49	ug/l	0.00
Spiked Amount			Recovery	=	96.98%	

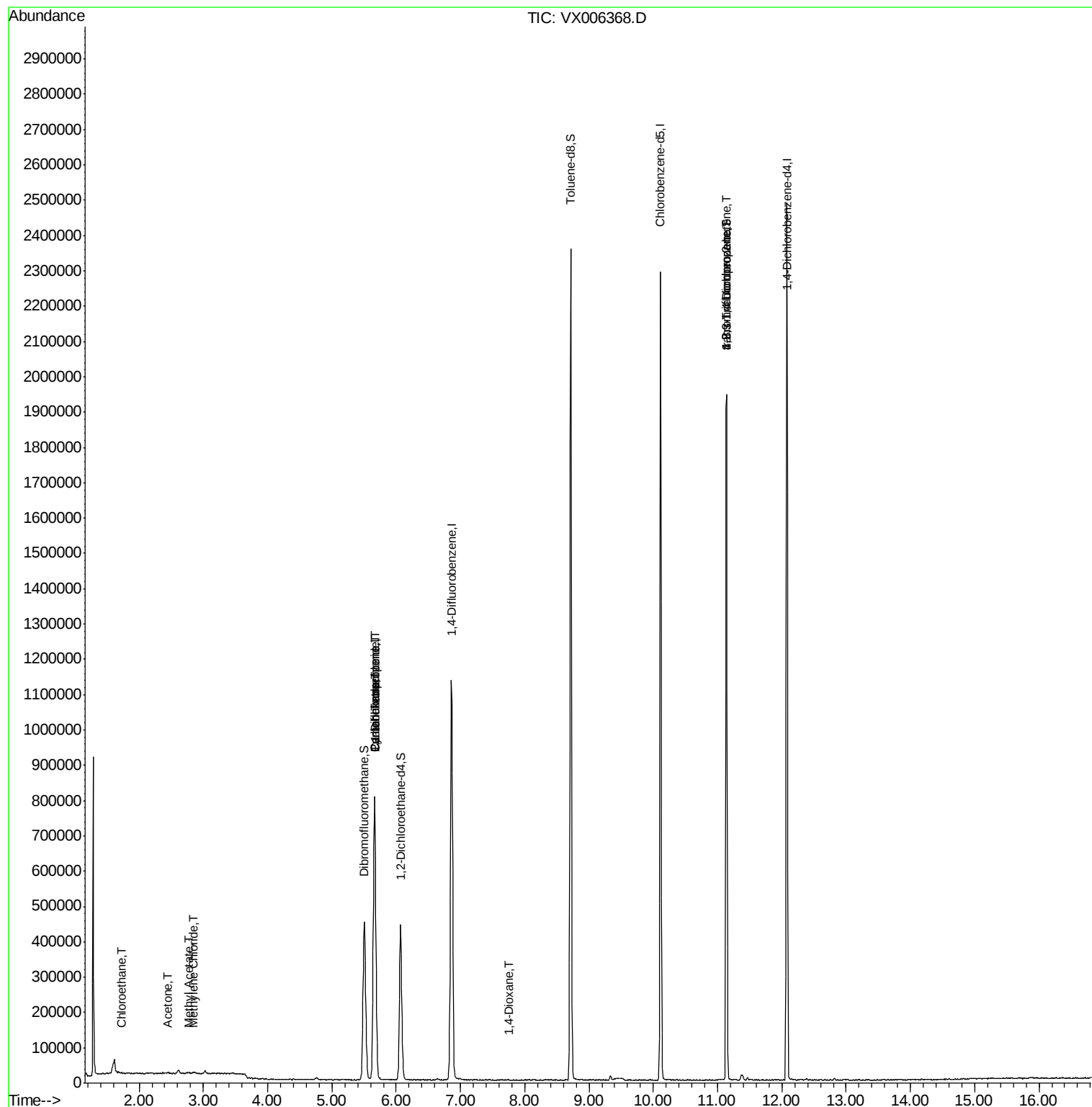
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Chloroethane	1.73	64	1376	0.246	ug/l #	62
16) Acetone	2.45	43	6286	1.556	ug/l	97
18) Methyl Acetate	2.78	43	3132	0.232	ug/l #	87
20) Methylene Chloride	2.85	84	2742	0.319	ug/l #	78
31) Cyclohexane	5.66	56	12929	1.040	ug/l #	1
36) 1,1-Dichloropropene	5.67	75	50905	4.839	ug/l #	48
38) Carbon Tetrachloride	5.67	117	73929	5.974	ug/l #	16
49) 1,4-Dioxane	7.75	88	116	0.493	ug/l #	27
76) 1,2,3-Trichloropropane	11.13	75	244290	23.105	ug/l #	37
81) trans-1,4-Dichloro-2-buten	11.13	75	244290	54.222	ug/l #	15

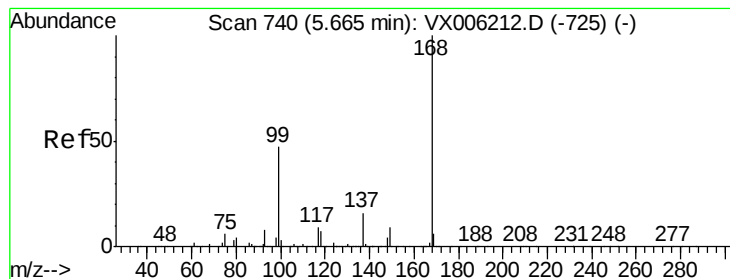
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX121018\
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Quant Time: Dec 11 03:57:01 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: VX006368.D

Acq: 10 Dec 2018 14:25

Instrument :

MSVOA_X

ClientSampleId :

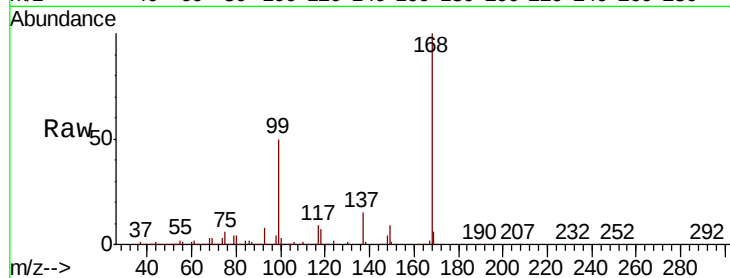
STORAGE-BLANK-SOIL-REF-6

Tot Ion:168 Resp: 843225

Ion Ratio Lower Upper

168 100

99 49.7 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

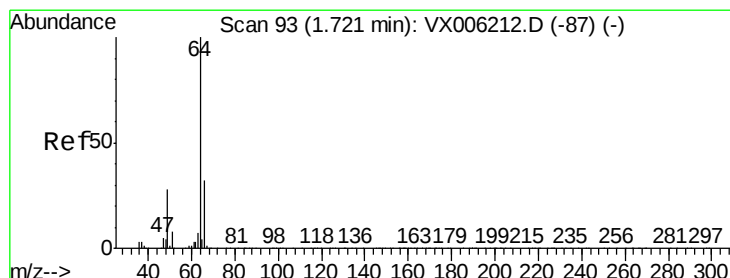
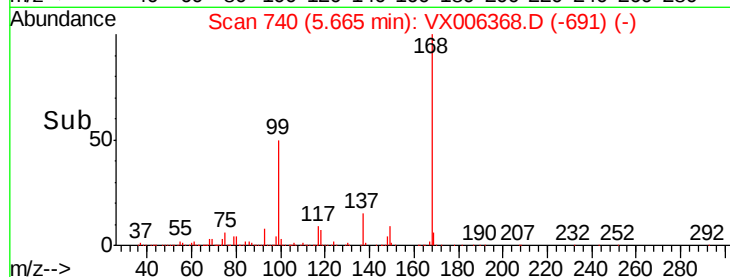
300000

200000

100000

0

Time--> 5.50 5.60 5.70 5.80



#6

Chloroethane

Concen: 0.246 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX006368.D

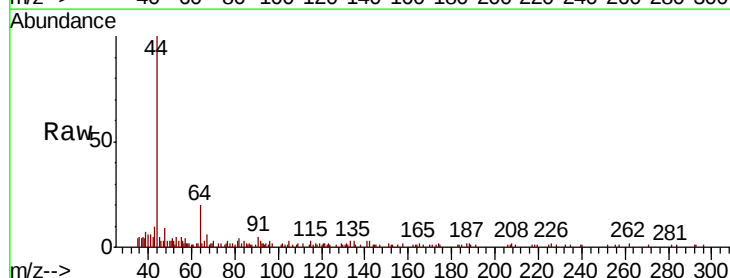
Acq: 10 Dec 2018 14:25

Tgt Ion: 64 Resp: 1376

Ion Ratio Lower Upper

64 100

66 11.4 25.9 38.9#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.73

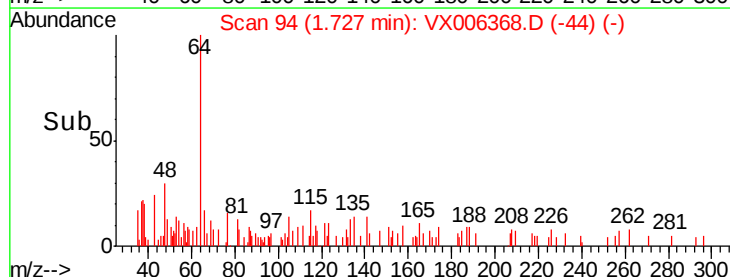
1500

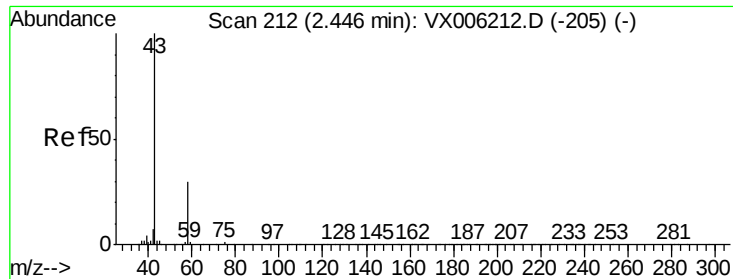
1000

500

0

Time--> 1.65 1.70 1.75

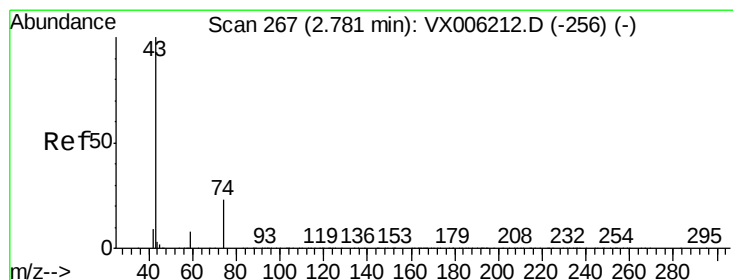
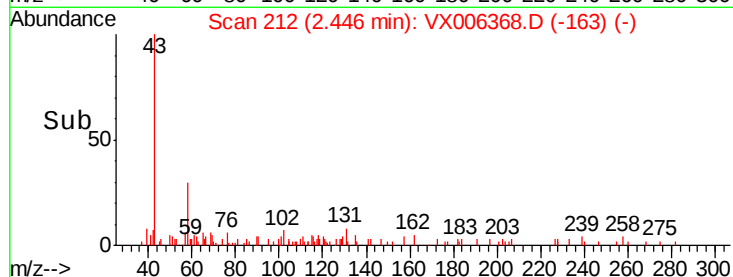
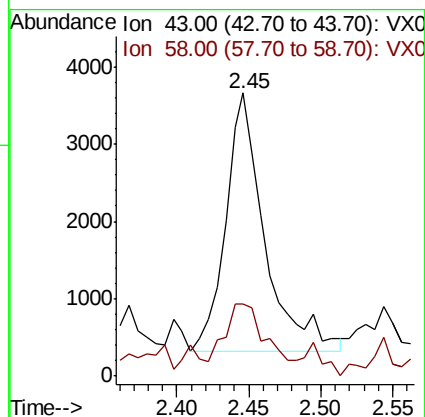
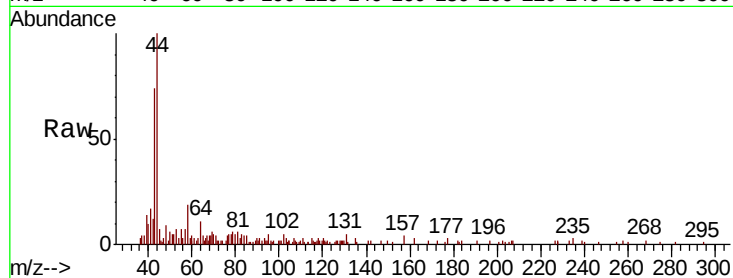




#16
Acetone
Concen: 1.556 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX006368.D
Acq: 10 Dec 2018 14:25

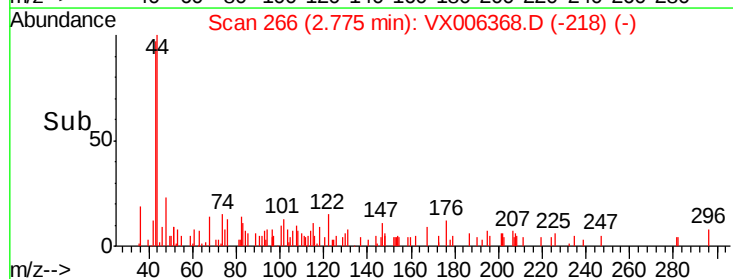
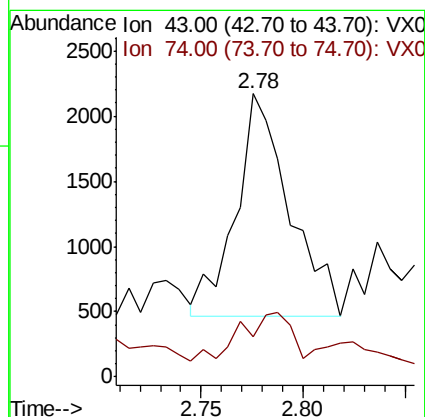
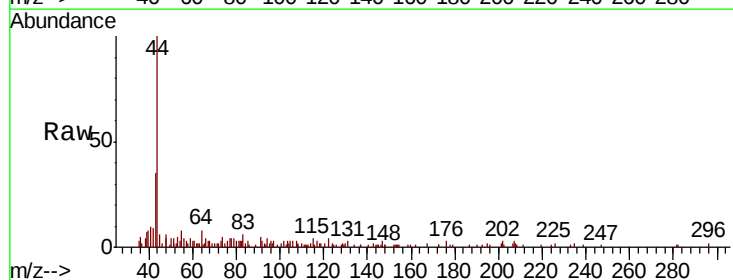
Instrument :
MSVOA_X
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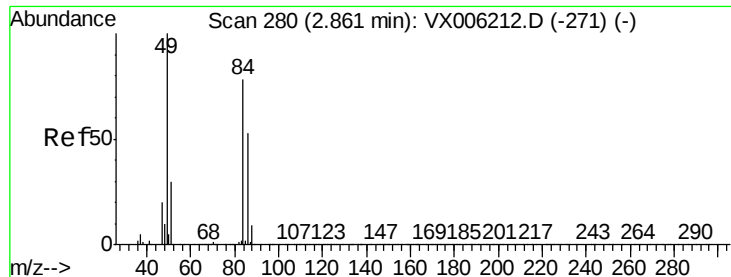
Tot Ion: 43 Resp: 6286
Ion Ratio Lower Upper
43 100
58 28.1 24.0 36.0



#18
Methyl Acetate
Concen: 0.232 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX006368.D
Acq: 10 Dec 2018 14:25

Tgt Ion: 43 Resp: 3132
Ion Ratio Lower Upper
43 100
74 28.6 17.9 26.9#

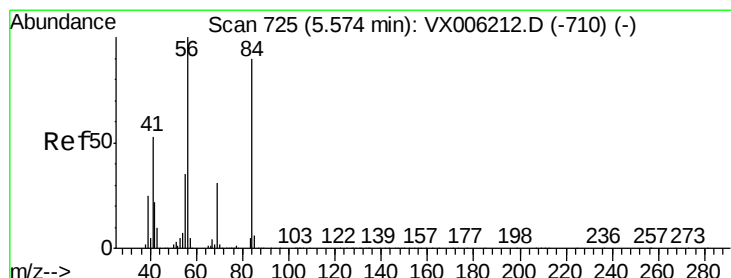
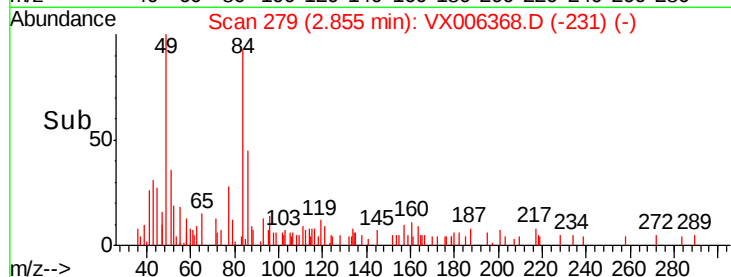
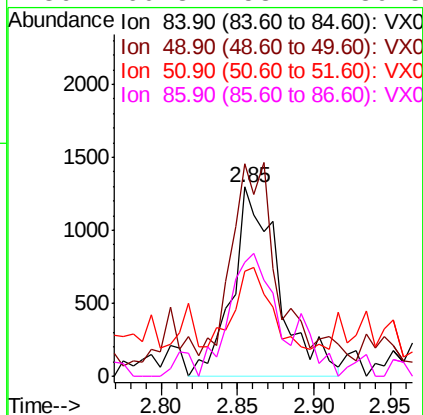
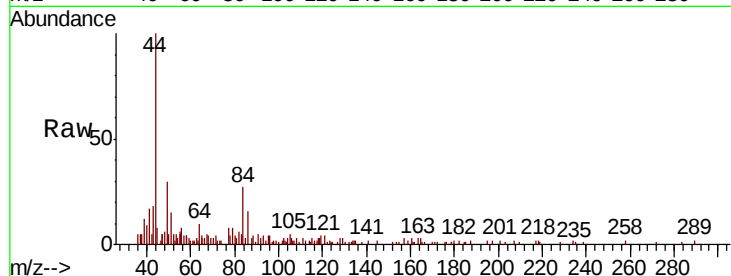




#20
Methylene Chloride
Concen: 0.319 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX006368.D
Acq: 10 Dec 2018 14:25

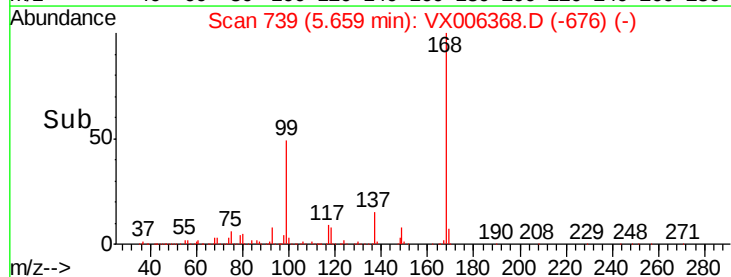
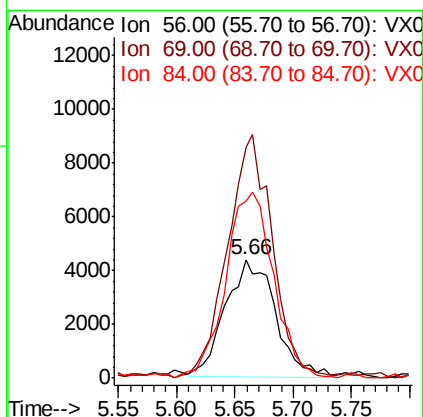
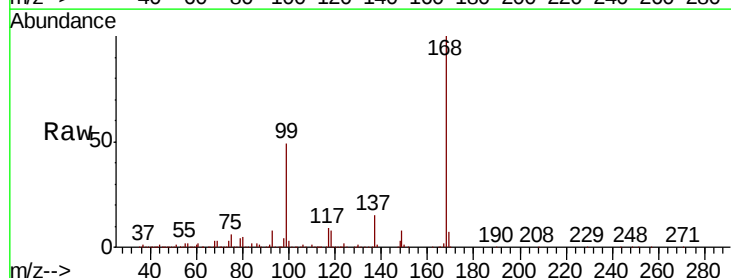
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

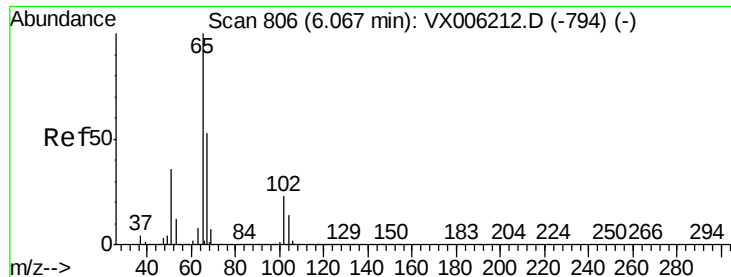
Tot Ion: 84 Resp: 2742
Ion Ratio Lower Upper
84 100
49 95.8 102.2 153.4#
51 21.5 31.1 46.7#
86 60.3 53.7 80.5



#31
Cyclohexane
Concen: 1.040 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.09 min
Lab File: VX006368.D
Acq: 10 Dec 2018 14:25

Tgt Ion: 56 Resp: 12929
Ion Ratio Lower Upper
56 100
69 195.7 24.5 36.7#
84 152.9 71.8 107.6#





#33

1,2-Dichloroethane-d4

Concen: 47.660 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006368.D

Acq: 10 Dec 2018 14:25

Instrument :

MSVOA_X

ClientSampleId :

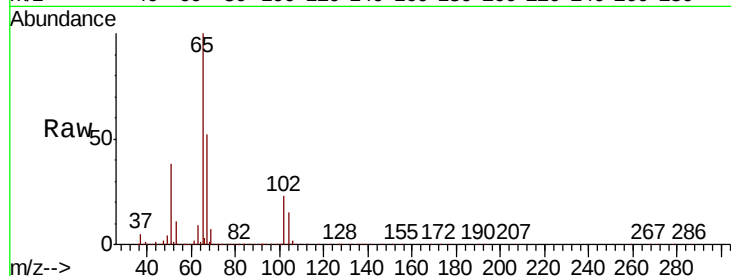
STORAGE-BLANK-SOIL-REF-6

Tot Ion: 65 Resp: 410252

Ion Ratio Lower Upper

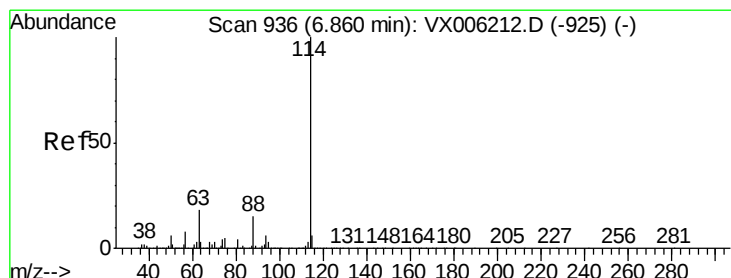
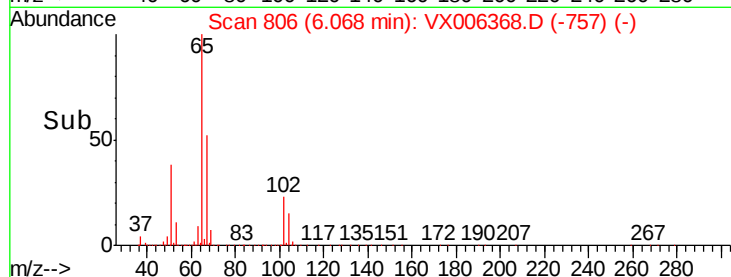
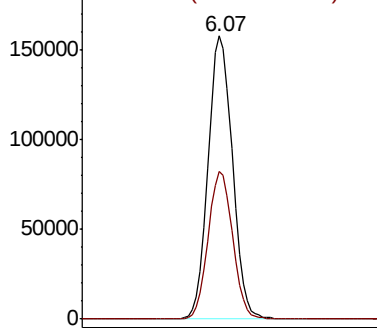
65 100

67 52.6 0.0 107.2



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: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006368.D

Acq: 10 Dec 2018 14:25

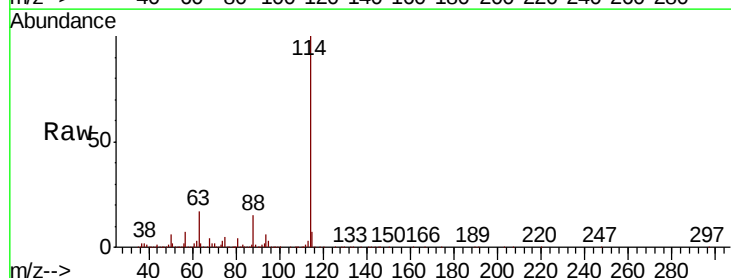
Tgt Ion: 114 Resp: 1249114

Ion Ratio Lower Upper

114 100

63 17.4 0.0 36.6

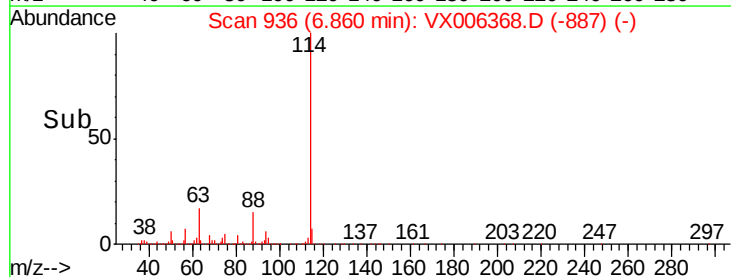
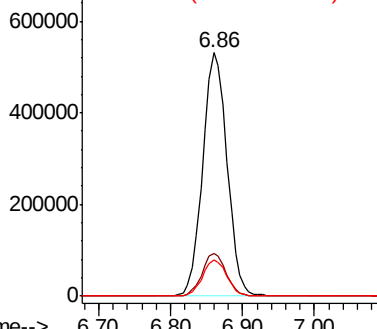
88 14.9 0.0 29.0

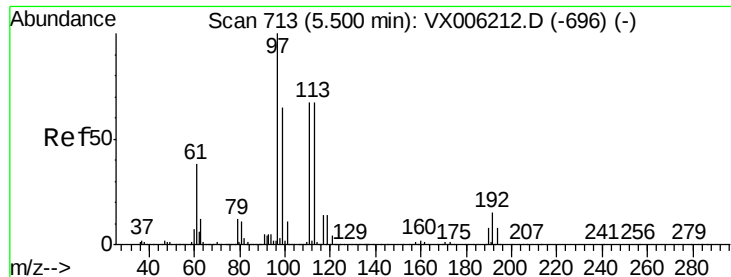


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

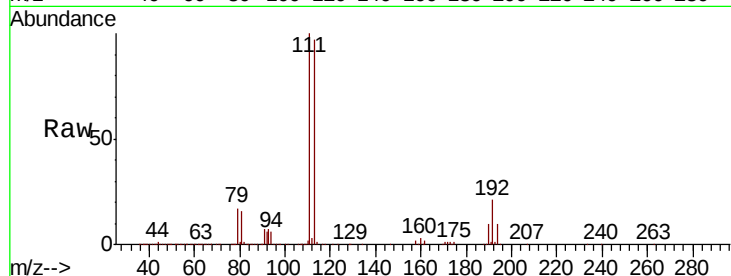




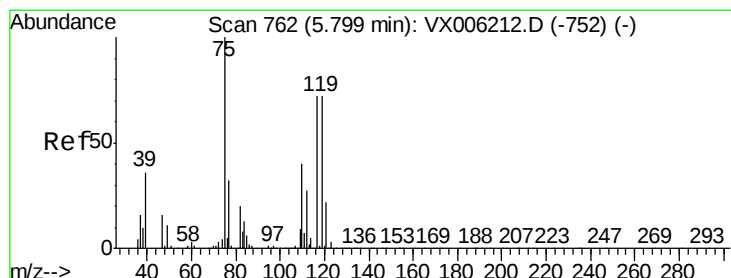
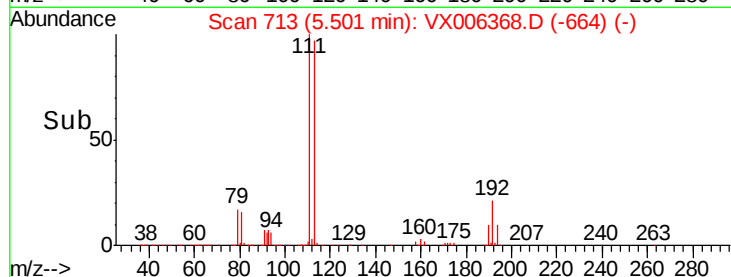
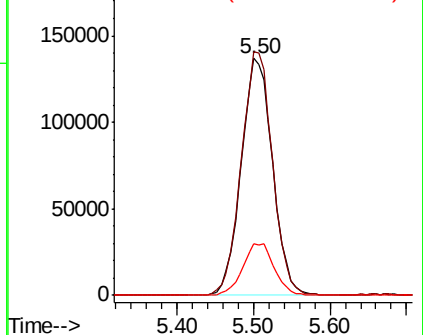
#35
 Dibromofluoromethane
 Concen: 48.213 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX006368.D
 Acq: 10 Dec 2018 14:25

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

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.1	121.7
192	22.0	18.2	27.2

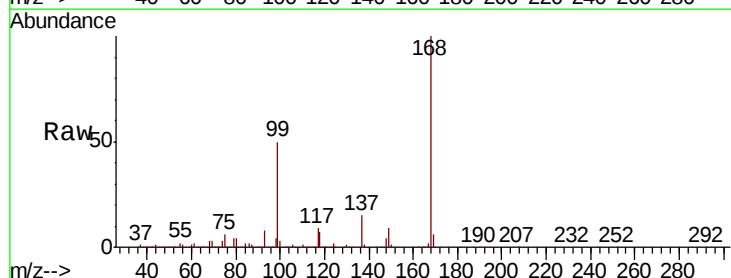


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

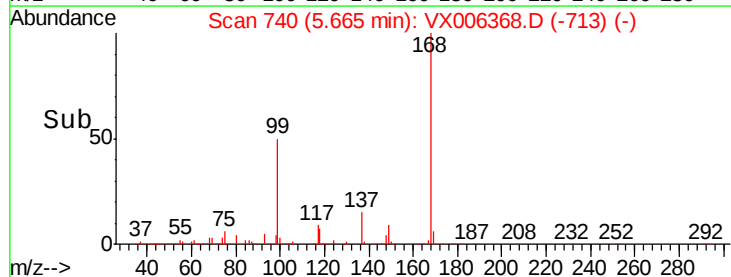
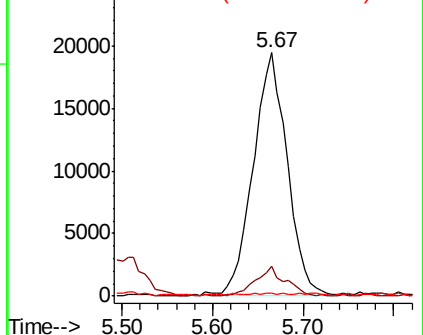


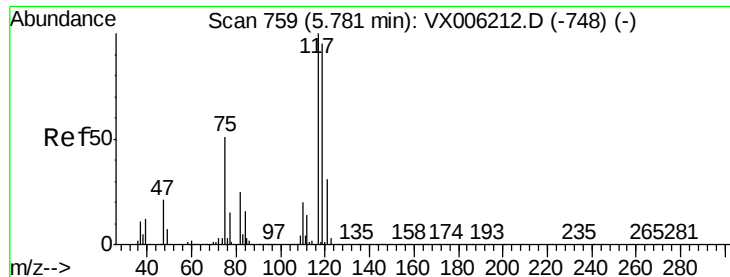
#36
 1,1-Dichloropropene
 Concen: 4.839 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.13 min
 Lab File: VX006368.D
 Acq: 10 Dec 2018 14:25

Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.7	20.4	61.3#
77	0.3	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: 5.974 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX006368.D

Acq: 10 Dec 2018 14:25

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

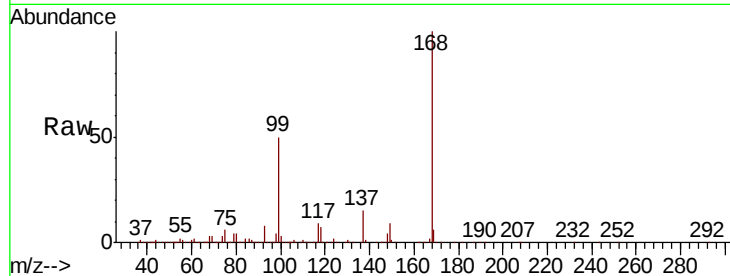
Tot Ion:117 Resp: 73929

Ion Ratio Lower Upper

117 100

119 4.8 75.8 113.8#

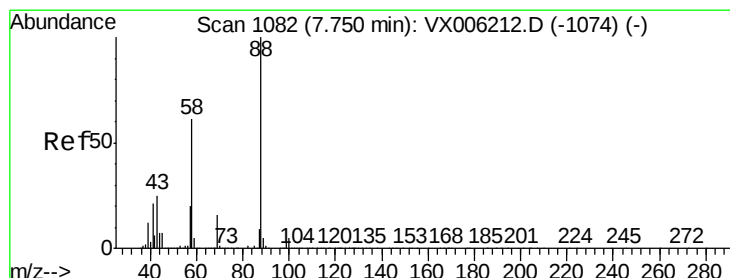
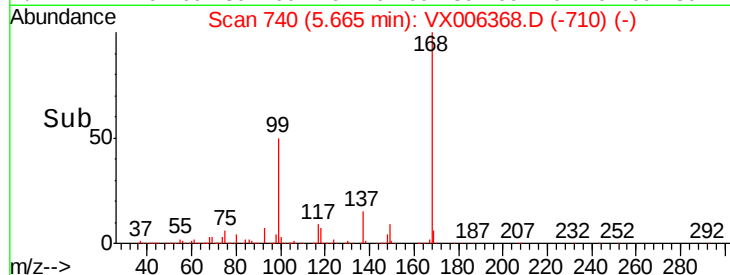
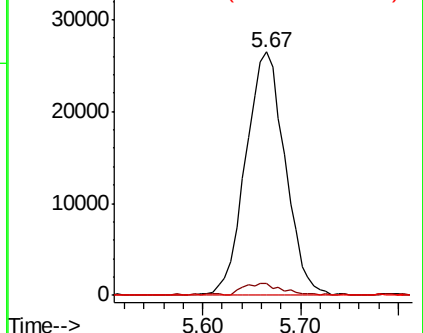
121 0.3 24.6 37.0#



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: 0.493 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX006368.D

Acq: 10 Dec 2018 14:25

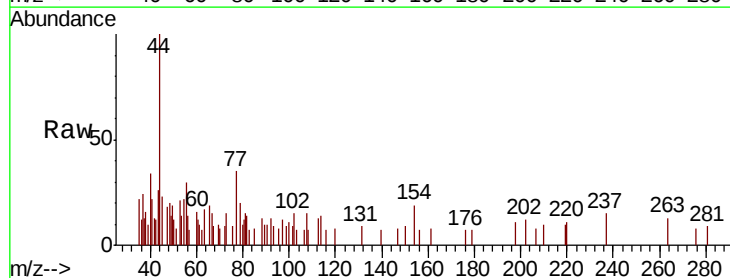
Tgt Ion: 88 Resp: 116

Ion Ratio Lower Upper

88 100

43 0.0 23.2 34.8#

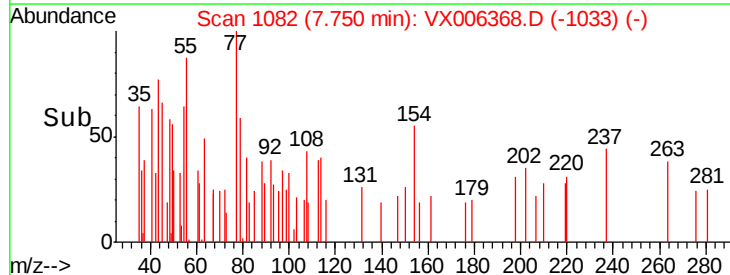
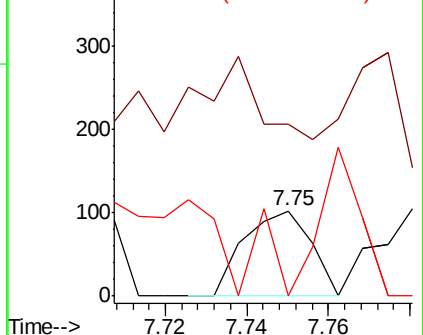
58 0.0 51.4 77.0#

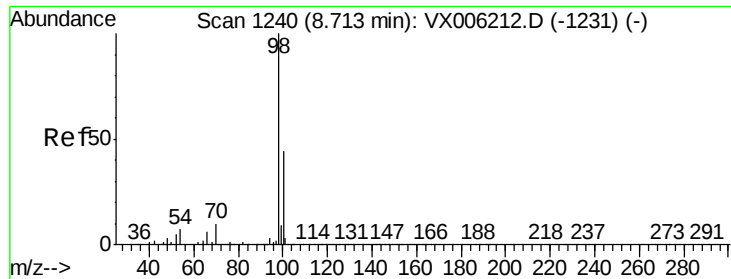


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

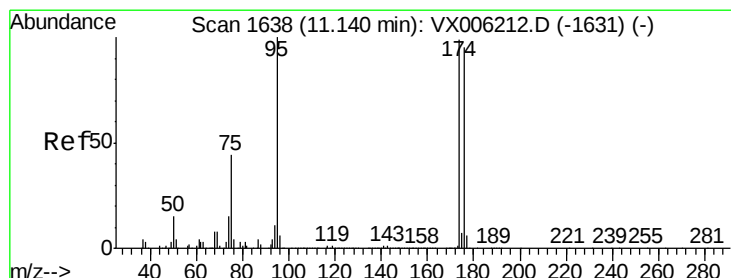
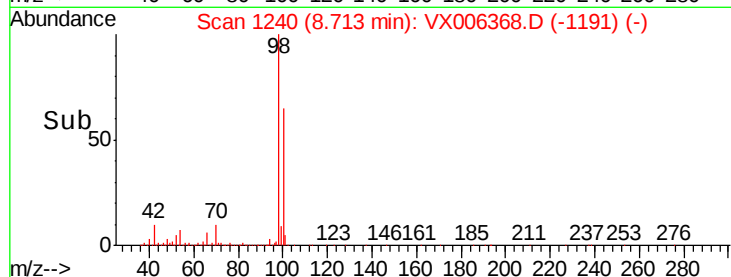
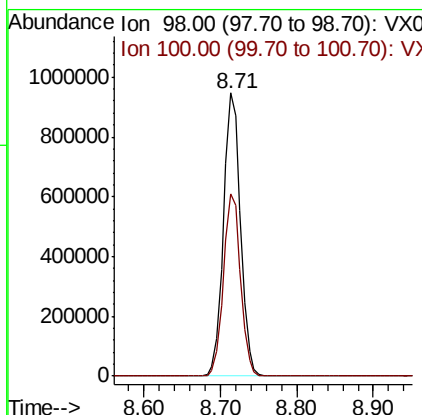
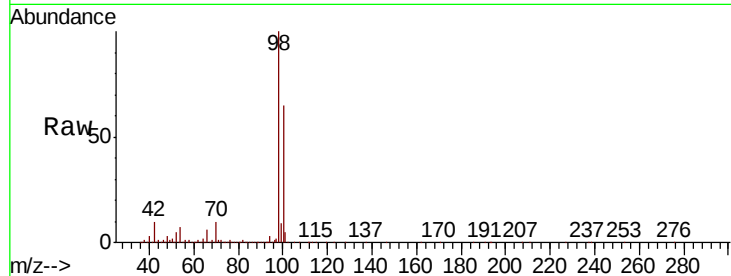




#50
Toluene-d8
Concen: 49.395 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006368.D
Acq: 10 Dec 2018 14:25

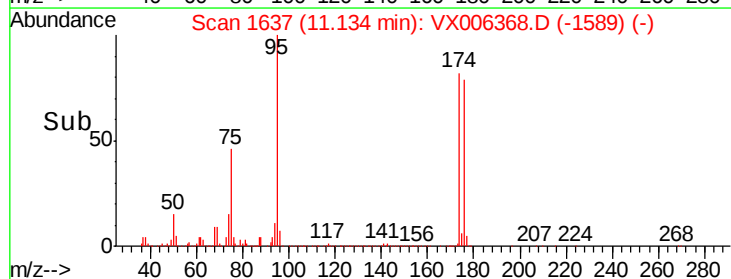
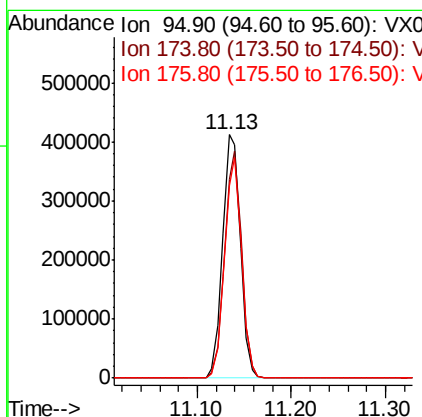
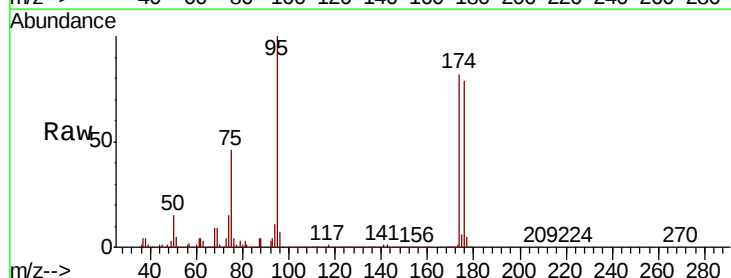
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

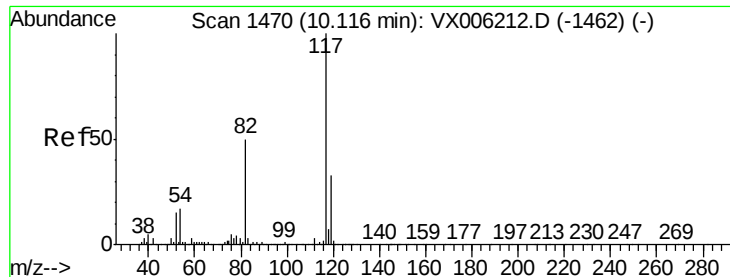
Tot Ion: 98 Resp: 1453097
Ion Ratio Lower Upper
98 100
100 64.7 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 48.494 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.01 min
Lab File: VX006368.D
Acq: 10 Dec 2018 14:25

Tgt Ion: 95 Resp: 537581
Ion Ratio Lower Upper
95 100
174 89.5 0.0 187.0
176 86.9 0.0 181.8

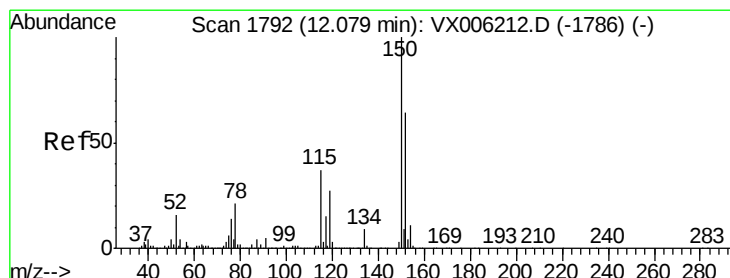
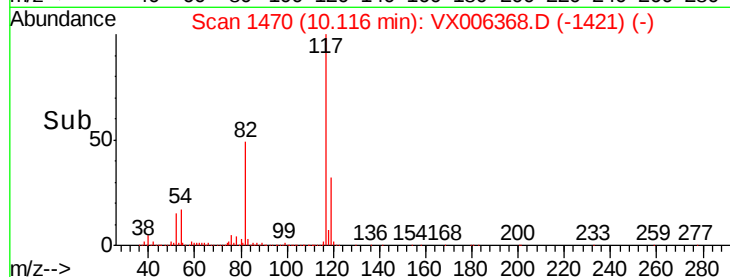
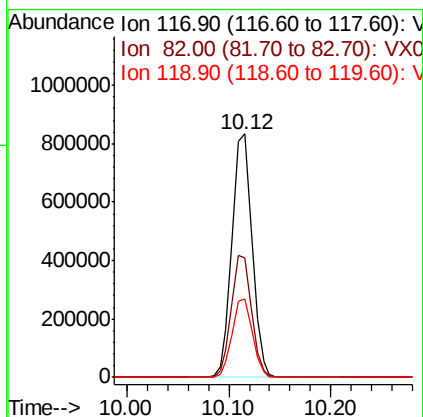
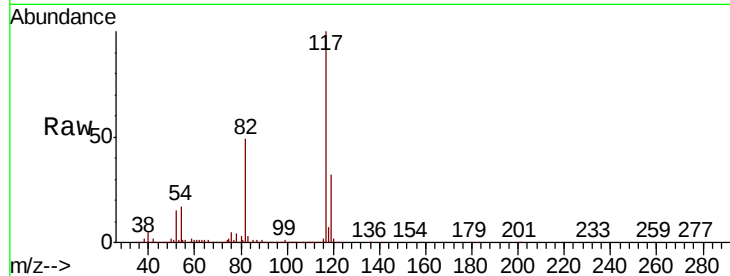




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006368.D
Acq: 10 Dec 2018 14:25

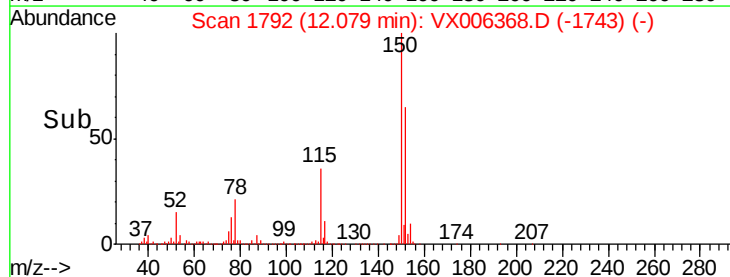
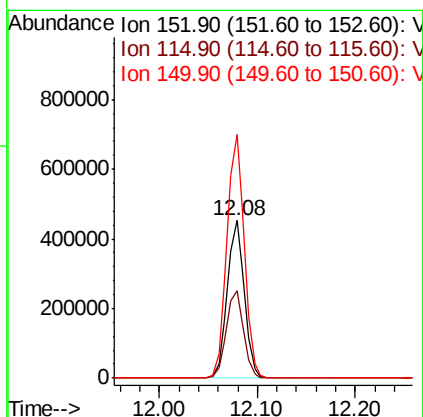
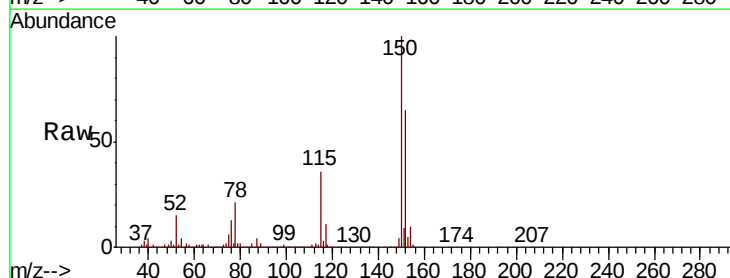
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

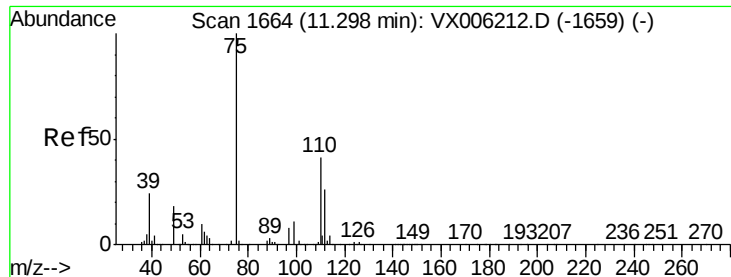
Tot Ion:117 Resp: 1133960
Ion Ratio Lower Upper
117 100
82 49.0 39.6 59.4
119 32.0 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006368.D
Acq: 10 Dec 2018 14:25

Tgt Ion:152 Resp: 547768
Ion Ratio Lower Upper
152 100
115 56.3 39.0 116.9
150 157.5 0.0 345.8

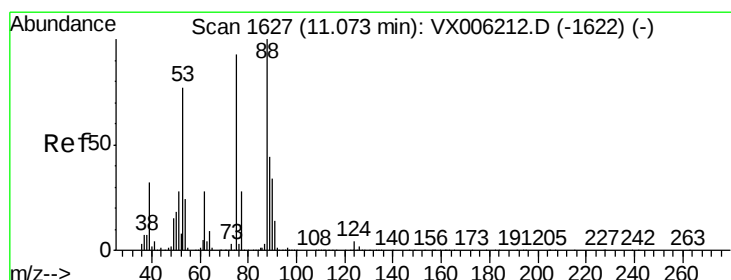
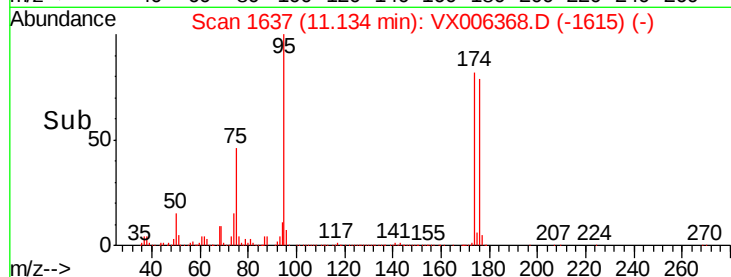
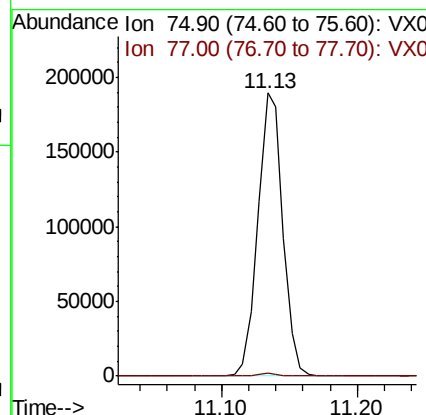
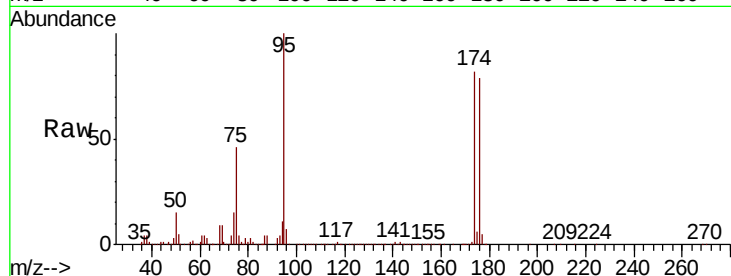




#76
 1,2,3-Trichloropropane
 Concen: 23.105 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.16 min
 Lab File: VX006368.D
 Acq: 10 Dec 2018 14:25

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

Tot Ion: 75 Resp: 244290
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.9 59.7#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 54.222 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX006368.D
 Acq: 10 Dec 2018 14:25

Tgt Ion: 75 Resp: 244290
 Ion Ratio Lower Upper
 75 100
 53 0.0 64.4 96.6#
 89 0.0 44.2 66.4#

