

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012819\
 Data File : VX007271.D
 Acq On : 28 Jan 2019 19:52
 Operator : JC/SP
 Sample : K1254-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SOIL-1

Quant Time: Jan 29 02:14:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

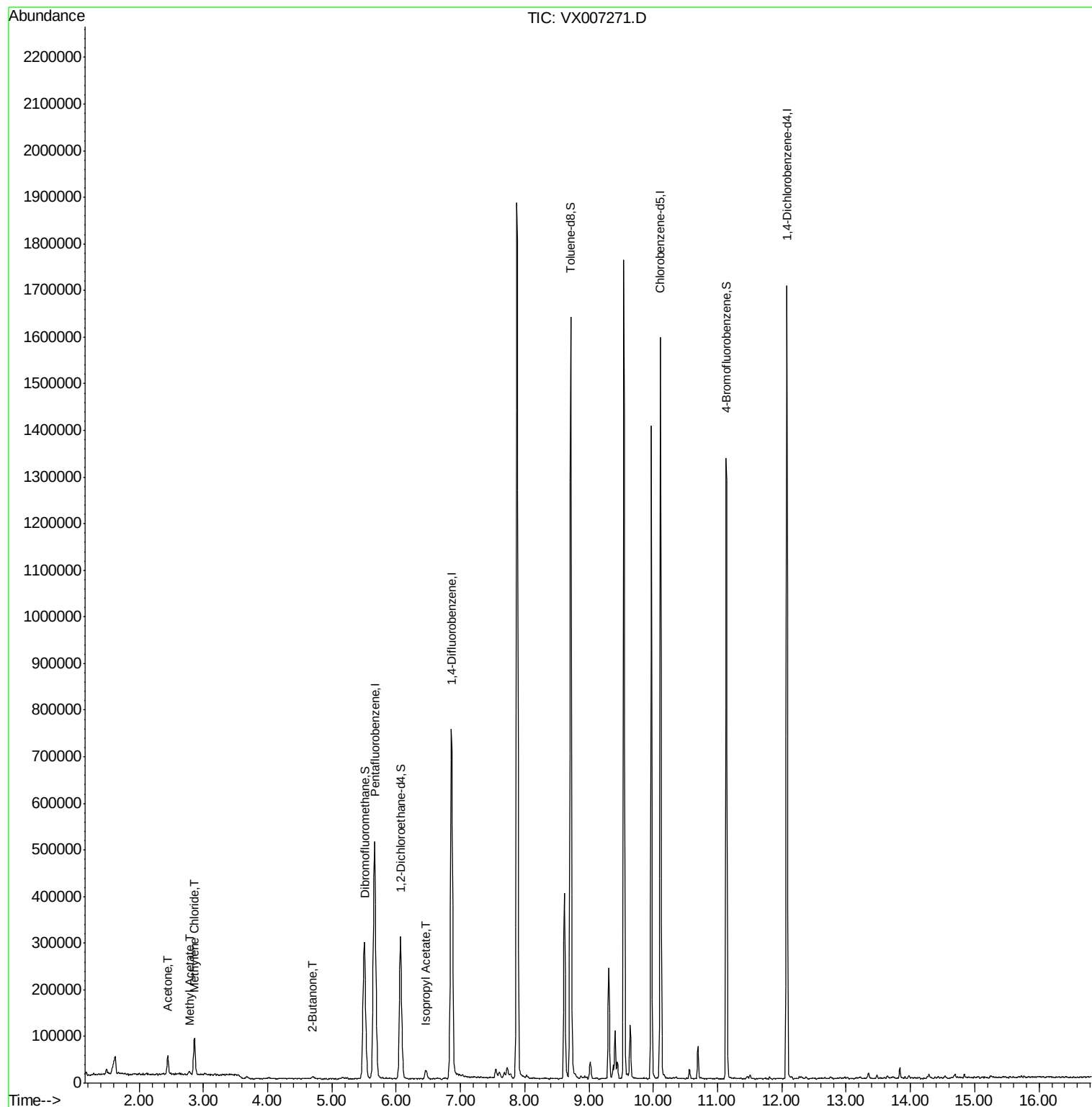
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	522157	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	799114	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	764579	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	360768	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	277059	50.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.54%	
35) Dibromofluoromethane	5.51	113	249868	48.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.66%	
50) Toluene-d8	8.71	98	986232	52.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.30%	
62) 4-Bromofluorobenzene	11.13	95	340525	52.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.30%	
Target Compounds						
16) Acetone	2.45	43	42045	15.585	ug/l	100
18) Methyl Acetate	2.78	43	9529	1.220	ug/l #	87
20) Methylene Chloride	2.86	84	38645	7.045	ug/l	97
25) 2-Butanone	4.70	43	10512	2.723	ug/l	97
43) Isopropyl Acetate	6.46	43	24385	2.075	ug/l	95

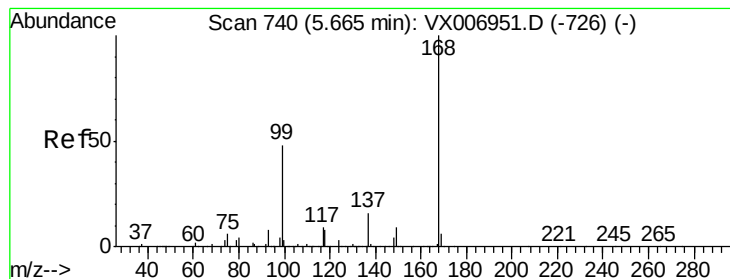
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jan 08 14:06:59 2019
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: VX007271.D

Acq: 28 Jan 2019 19:52

Instrument :

MSVOA_X

ClientSampleId :

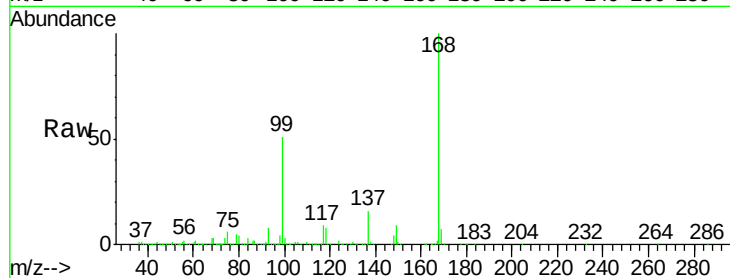
SOIL-1

Tot Ion:168 Resp: 522157

Ion Ratio Lower Upper

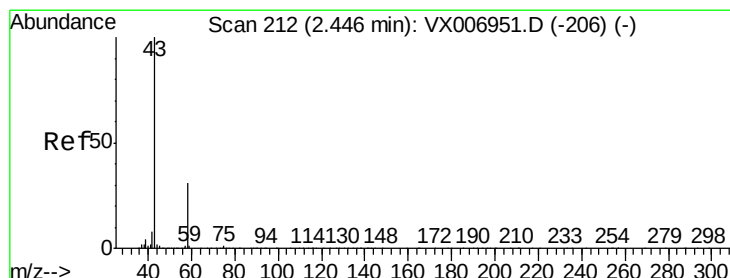
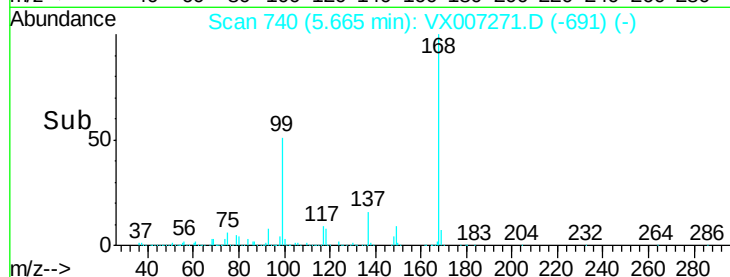
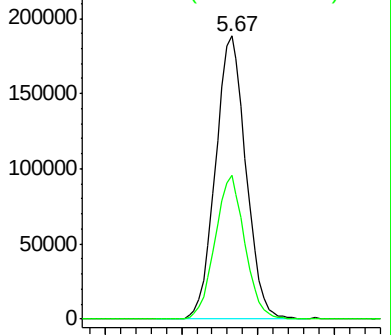
168 100

99 50.8 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 15.585 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007271.D

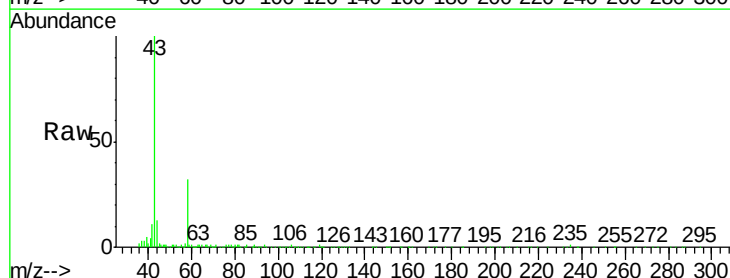
Acq: 28 Jan 2019 19:52

Tgt Ion: 43 Resp: 42045

Ion Ratio Lower Upper

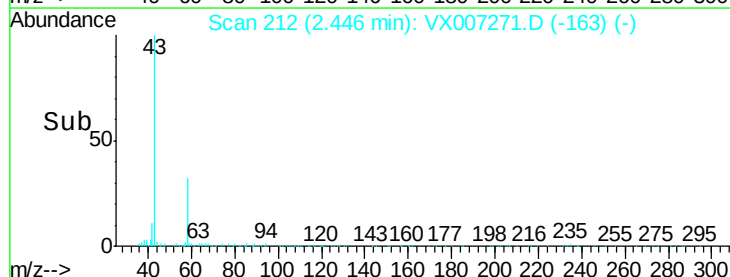
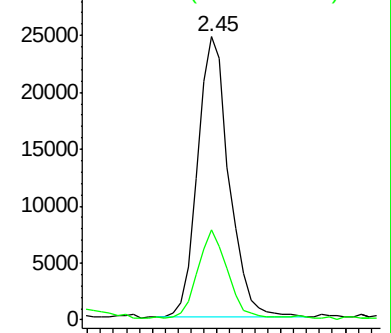
43 100

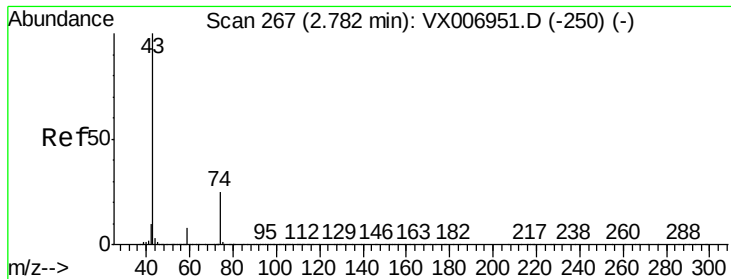
58 31.1 25.0 37.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

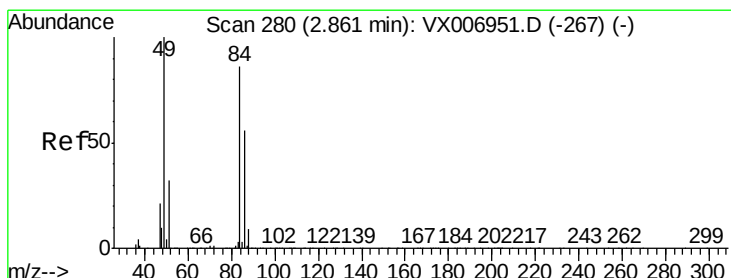
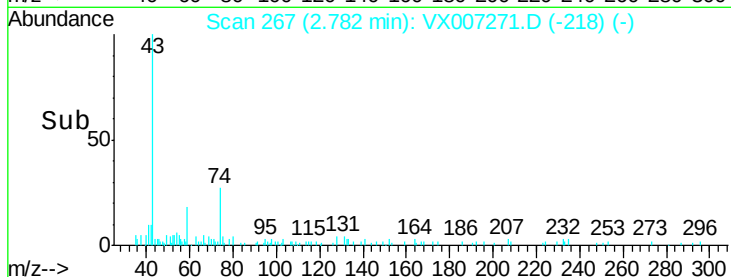
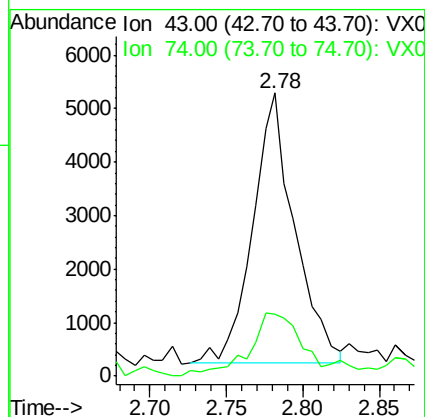
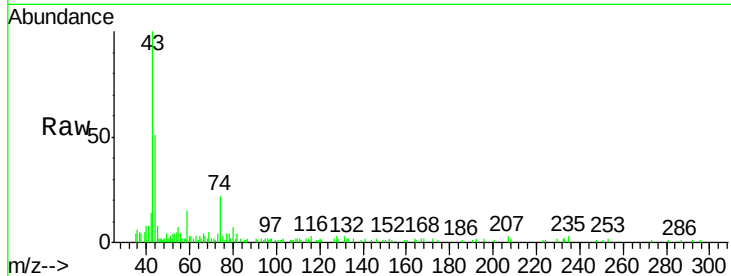




#18
Methyl Acetate
Concen: 1.220 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX007271.D
Acq: 28 Jan 2019 19:52

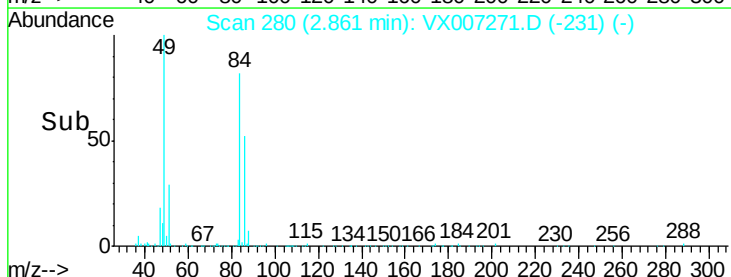
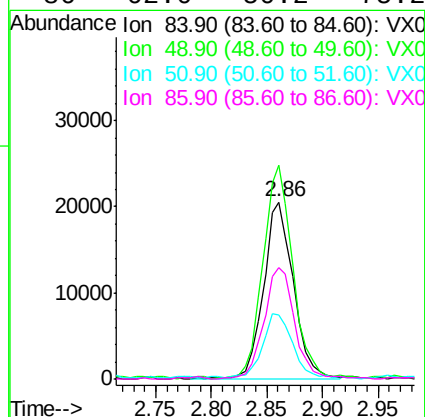
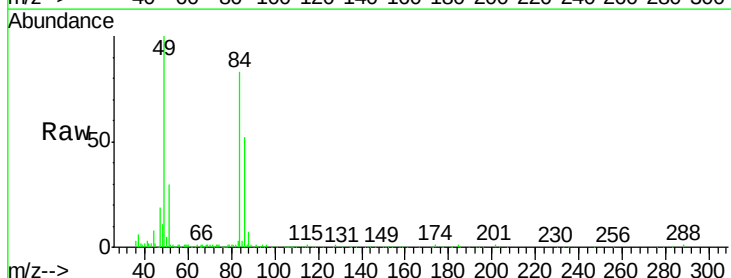
Instrument :
MSVOA_X
ClientSampleId :
SOIL-1

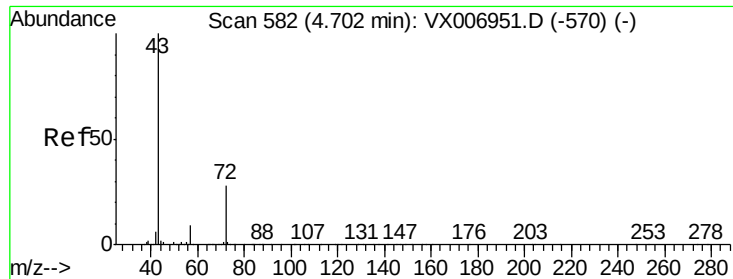
Tot Ion: 43 Resp: 9529
Ion Ratio Lower Upper
43 100
74 29.6 18.6 28.0#



#20
Methylene Chloride
Concen: 7.045 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007271.D
Acq: 28 Jan 2019 19:52

Tgt Ion: 84 Resp: 38645
Ion Ratio Lower Upper
84 100
49 119.5 91.8 137.6
51 34.8 28.5 42.7
86 62.0 50.2 75.2

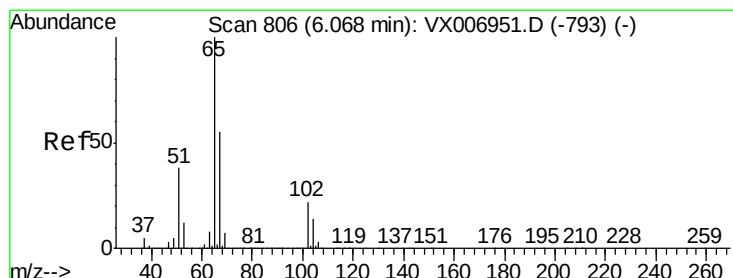
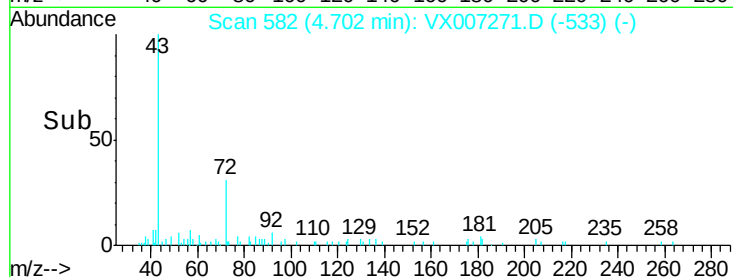
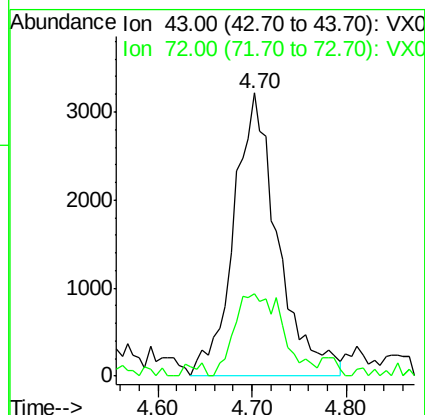
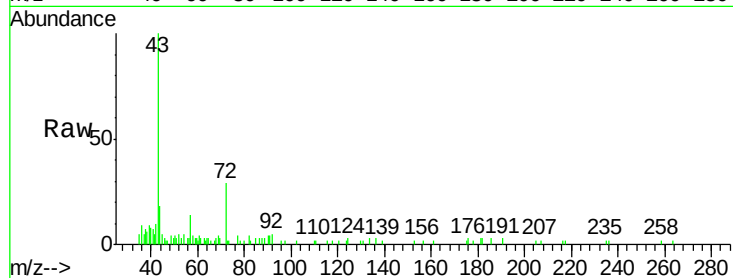




#25
2-Butanone
Concen: 2.723 ug/l
RT: 4.70 min Scan# 582
Delta R.T. -0.00 min
Lab File: VX007271.D
Acq: 28 Jan 2019 19:52

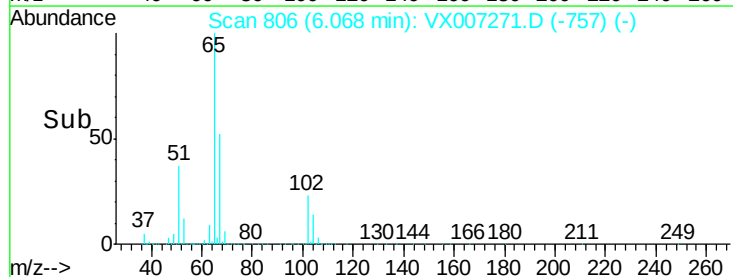
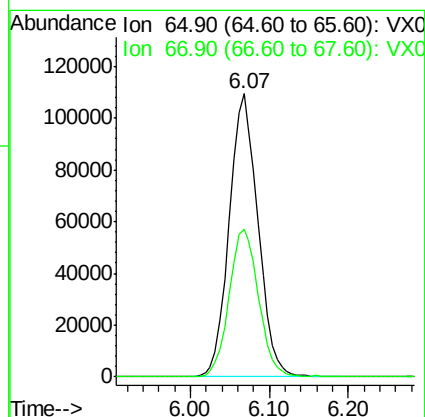
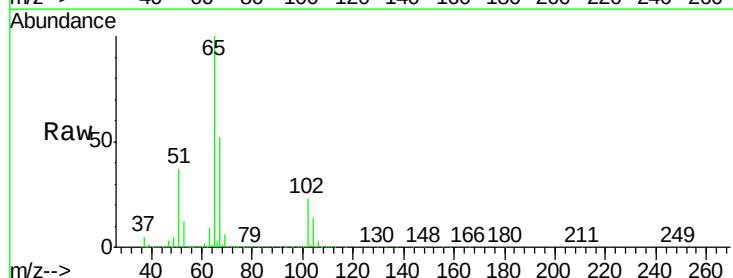
Instrument :
MSVOA_X
ClientSampled :
SOIL-1

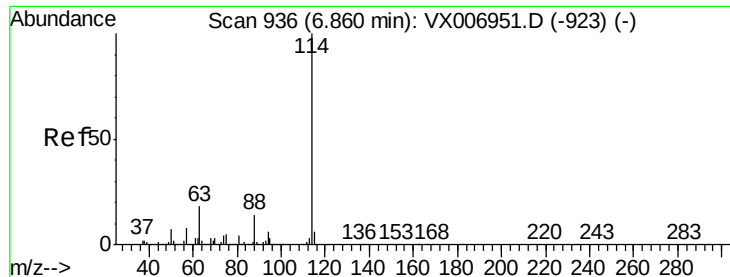
Tot Ion: 43 Resp: 10512
Ion Ratio Lower Upper
43 100
72 26.5 22.4 33.6



#33
1,2-Dichloroethane-d4
Concen: 50.771 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX007271.D
Acq: 28 Jan 2019 19:52

Tgt Ion: 65 Resp: 277059
Ion Ratio Lower Upper
65 100
67 53.3 0.0 105.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007271.D

Acq: 28 Jan 2019 19:52

Instrument :

MSVOA_X

ClientSampleId :

SOIL-1

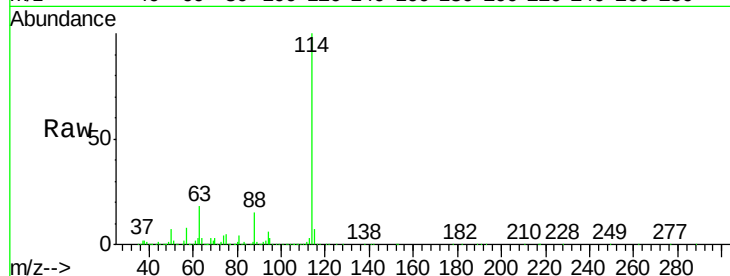
Tot Ion:114 Resp: 799114

Ion Ratio Lower Upper

114 100

63 17.7 0.0 34.8

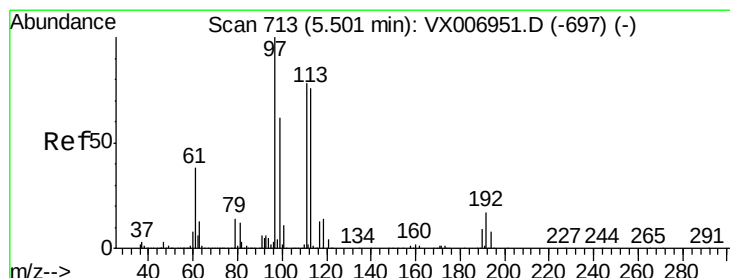
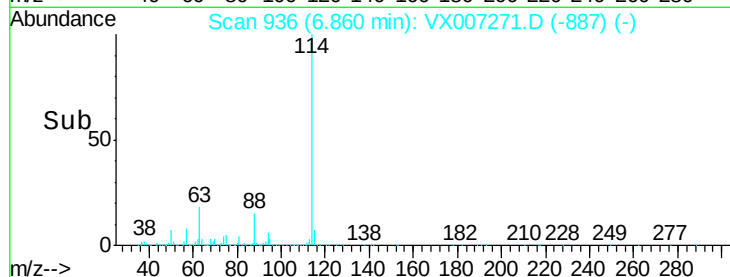
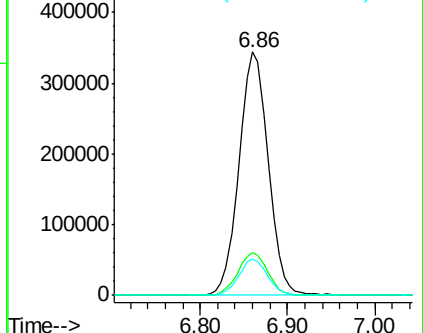
88 14.7 0.0 28.8



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



#35

Dibromofluoromethane

Concen: 48.826 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX007271.D

Acq: 28 Jan 2019 19:52

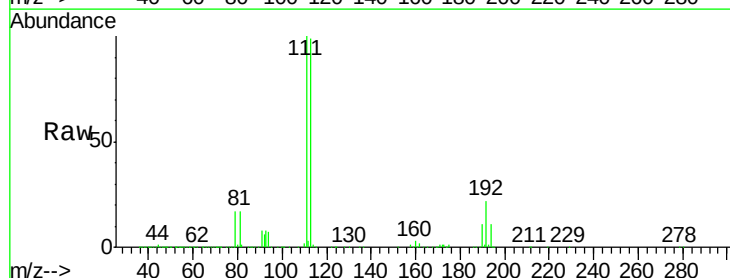
Tgt Ion:113 Resp: 249868

Ion Ratio Lower Upper

113 100

111 102.2 81.6 122.4

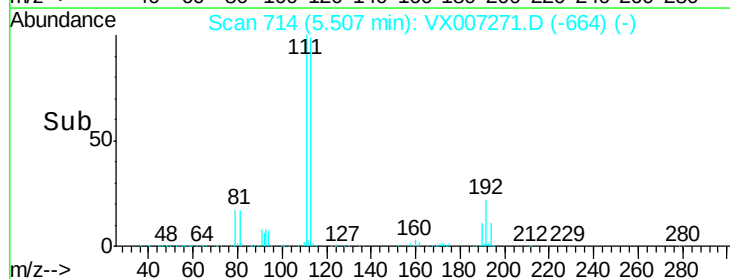
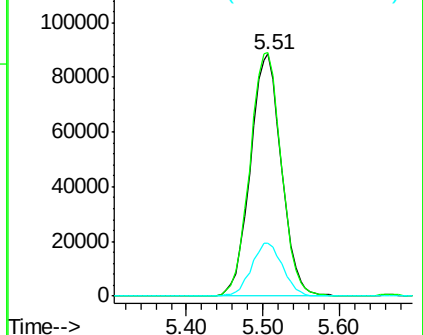
192 22.0 16.7 25.1

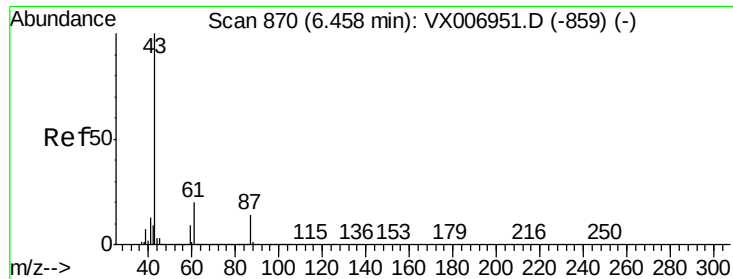


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.075 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.01 min

Lab File: VX007271.D

Acq: 28 Jan 2019 19:52

Instrument :

MSVOA_X

ClientSampled :

SOIL-1

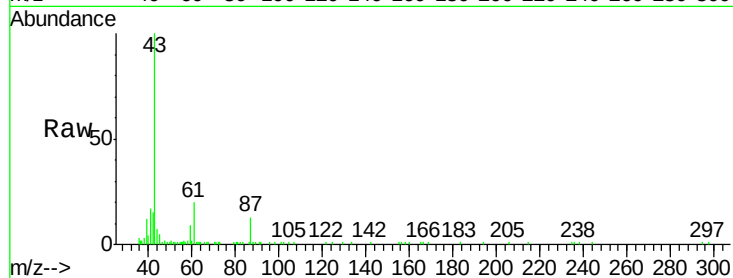
Tot Ion: 43 Resp: 24385

Ion Ratio Lower Upper

43 100

61 23.7 16.8 25.2

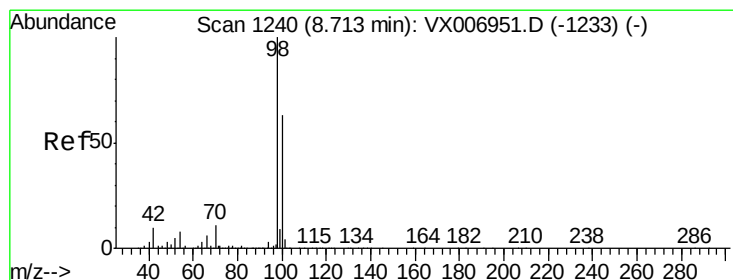
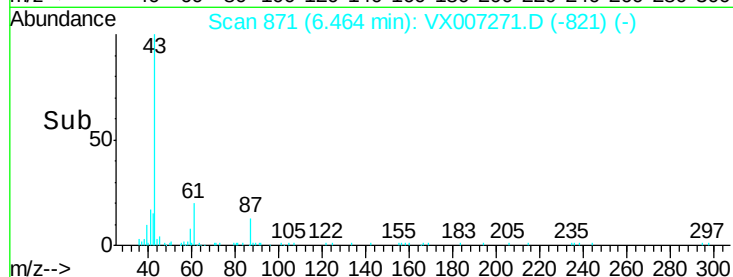
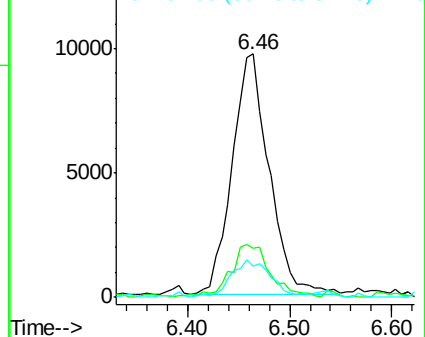
87 16.7 12.4 18.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#50

Toluene-d8

Concen: 52.651 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007271.D

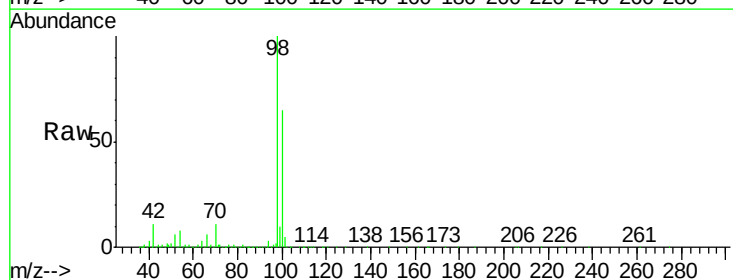
Acq: 28 Jan 2019 19:52

Tgt Ion: 98 Resp: 986232

Ion Ratio Lower Upper

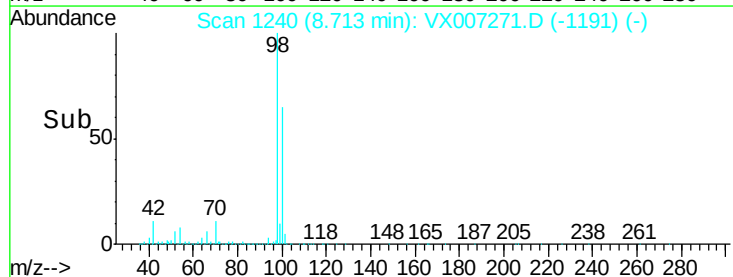
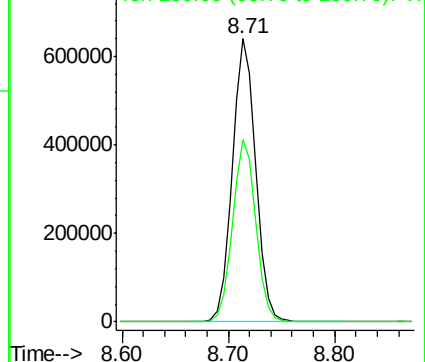
98 100

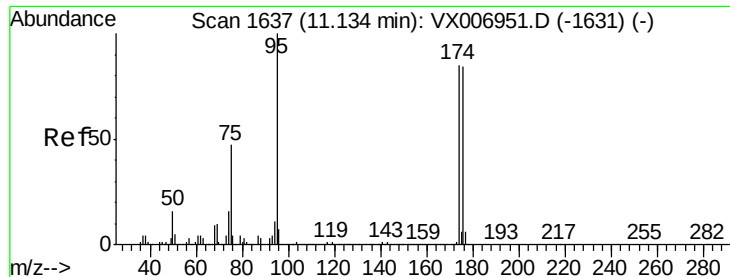
100 64.1 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

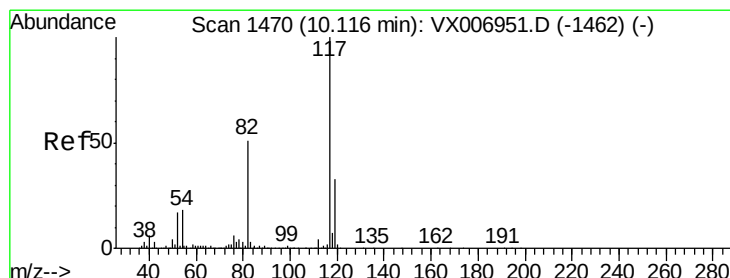
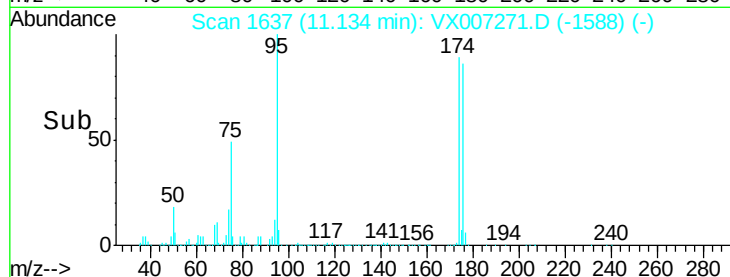
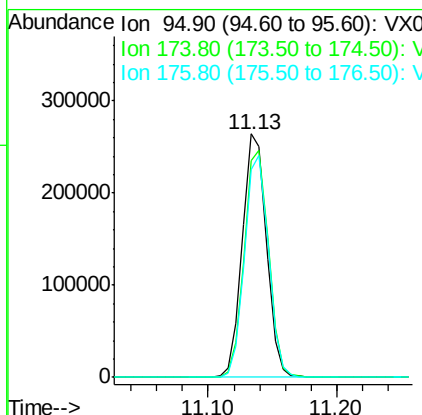
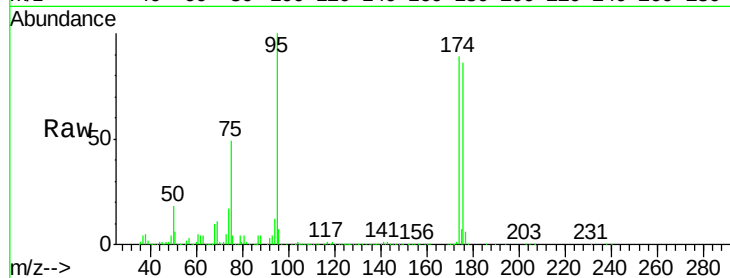




#62
4-Bromofluorobenzene
Concen: 52.146 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX007271.D
Acq: 28 Jan 2019 19:52

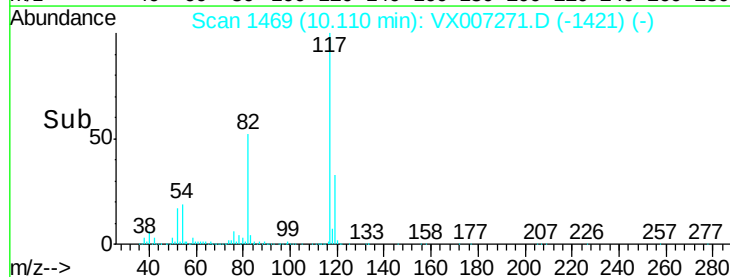
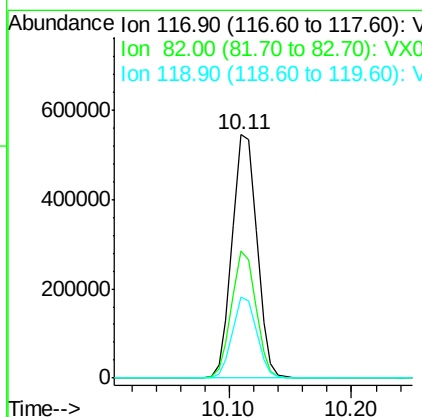
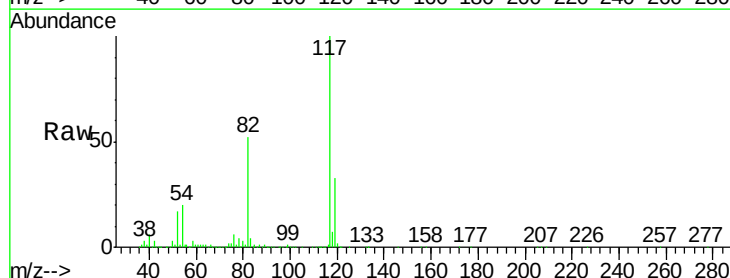
Instrument :
MSVOA_X
ClientSampled :
SOIL-1

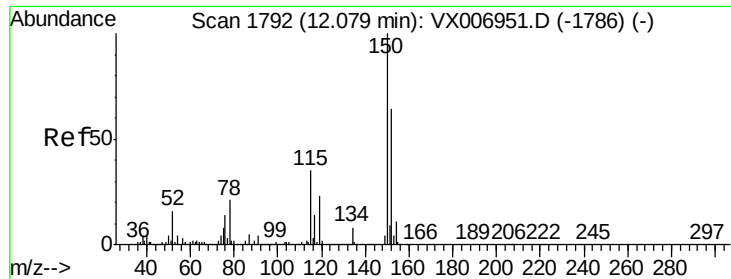
Tot Ion: 95 Resp: 340525
Ion Ratio Lower Upper
95 100
174 93.9 0.0 182.2
176 90.5 0.0 178.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VX007271.D
Acq: 28 Jan 2019 19:52

Tgt Ion: 117 Resp: 764579
Ion Ratio Lower Upper
117 100
82 52.0 41.0 61.6
119 33.1 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX007271.D

Acq: 28 Jan 2019 19:52

Instrument :

MSVOA_X

ClientSampleId :

SOIL-1

Tot Ion:152 Resp: 360768

Ion Ratio Lower Upper

152 100

115 54.3 39.1 117.2

150 156.4 0.0 344.8

