

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012819\
 Data File : VX007272.D
 Acq On : 28 Jan 2019 20:18
 Operator : JC/SP
 Sample : K1254-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SOIL-2

Quant Time: Jan 29 02:17:38 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	529092	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	822337	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	803363	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	393046	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	283597	51.29	ug/l	0.00
Spiked Amount			Recovery	=	102.58%	
35) Dibromofluoromethane	5.51	113	256387	48.69	ug/l	0.00
Spiked Amount			Recovery	=	97.38%	
50) Toluene-d8	8.71	98	1010381	52.42	ug/l	0.00
Spiked Amount			Recovery	=	104.84%	
62) 4-Bromofluorobenzene	11.13	95	360841	53.70	ug/l	0.00
Spiked Amount			Recovery	=	107.40%	

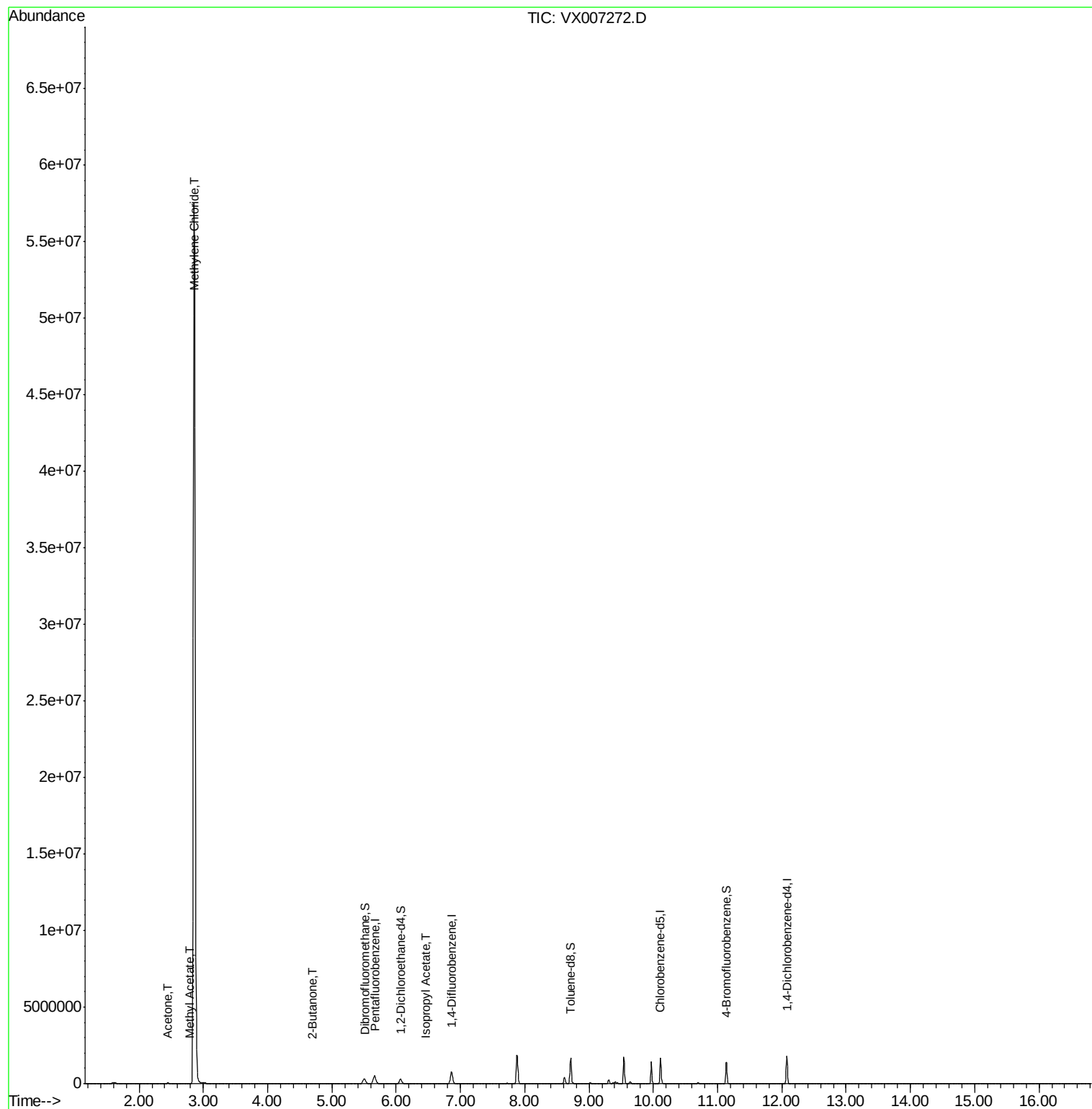
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	35157	12.861	ug/l	99
18) Methyl Acetate	2.78	43	17393	2.197	ug/l	100
20) Methylene Chloride	2.85	84	21556428	4192.911	ug/l #	69
25) 2-Butanone	4.70	43	7247	1.853	ug/l	96
43) Isopropyl Acetate	6.46	43	27145	2.245	ug/l	97

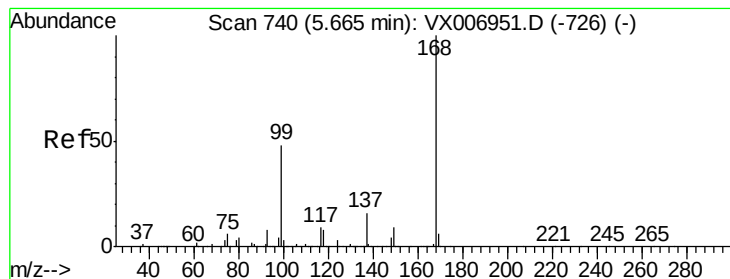
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX007272.D

Acq: 28 Jan 2019 20:18

Instrument :

MSVOA_X

ClientSampled :

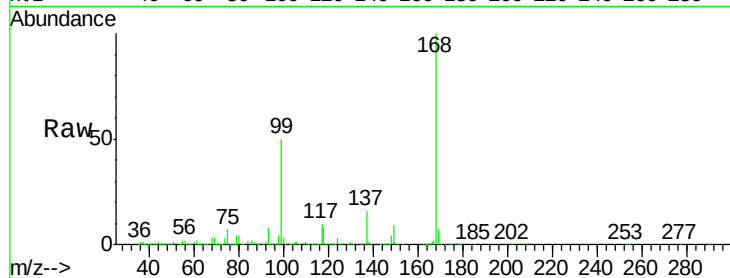
SOIL-2

Tot Ion:168 Resp: 529092

Ion Ratio Lower Upper

168 100

99 49.9 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

200000

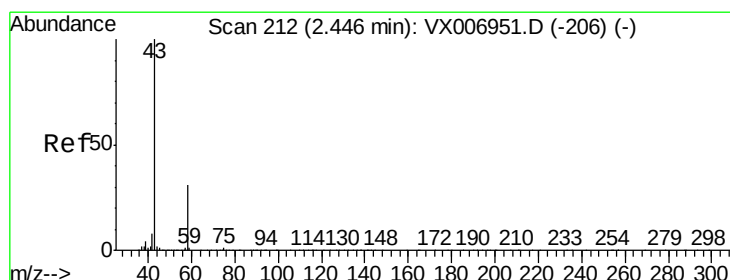
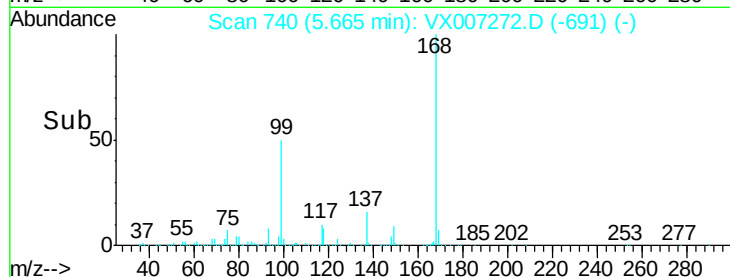
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 12.861 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX007272.D

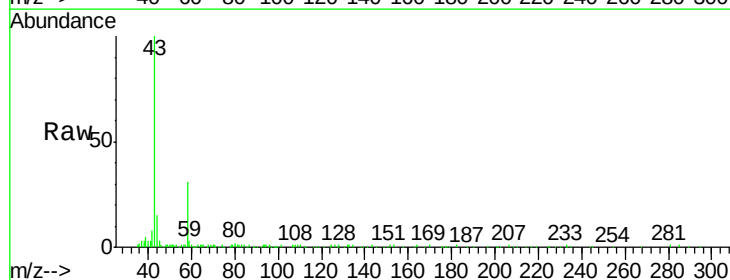
Acq: 28 Jan 2019 20:18

Tgt Ion: 43 Resp: 35157

Ion Ratio Lower Upper

43 100

58 31.0 25.0 37.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

20000

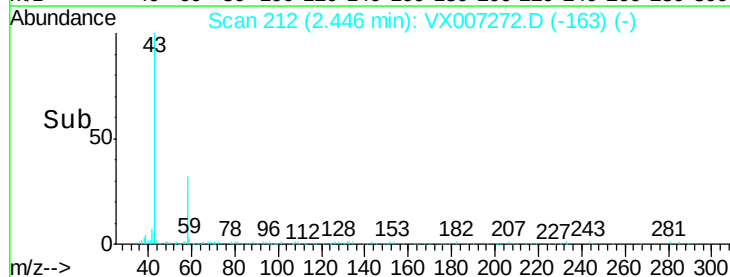
15000

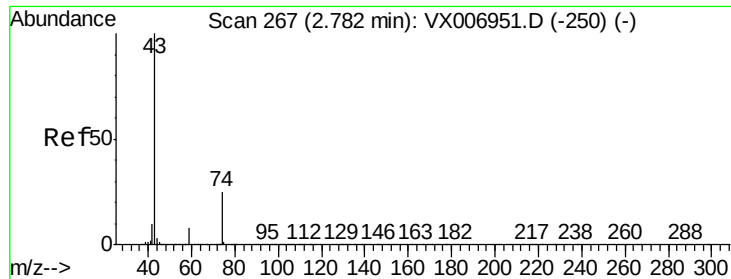
10000

5000

0

Time--> 2.40 2.50

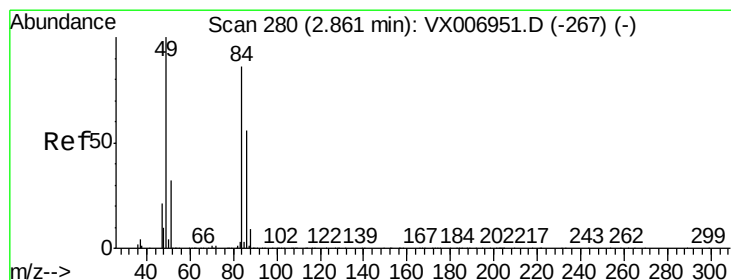
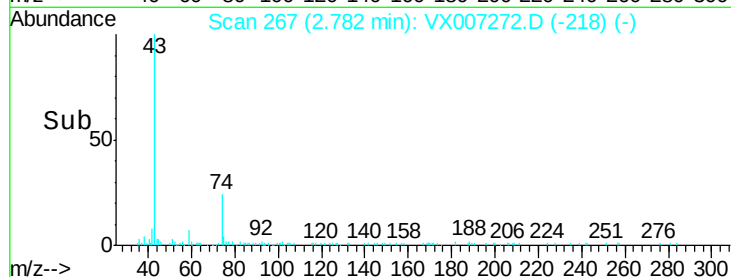
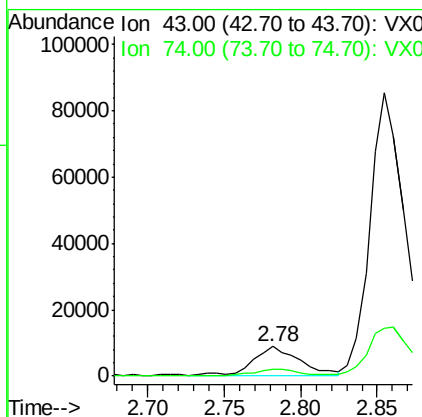
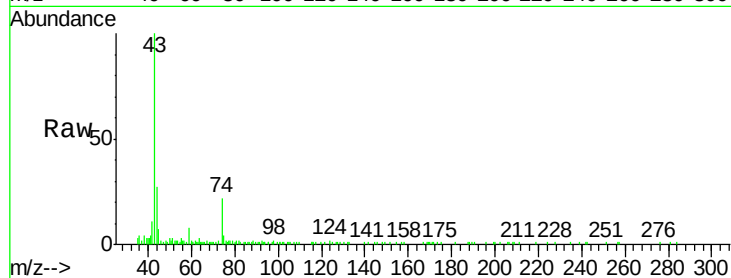




#18
Methyl Acetate
Concen: 2.197 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX007272.D
Acq: 28 Jan 2019 20:18

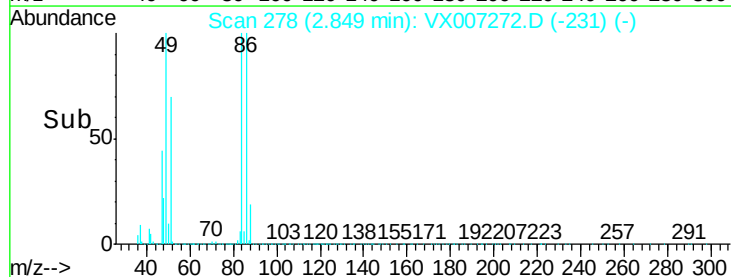
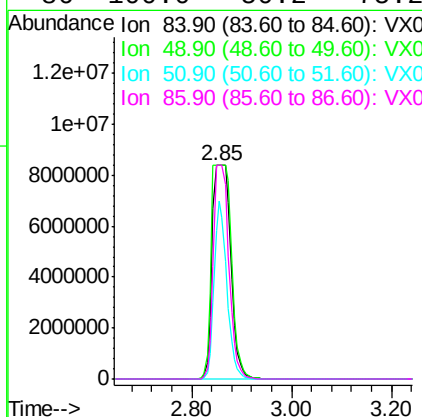
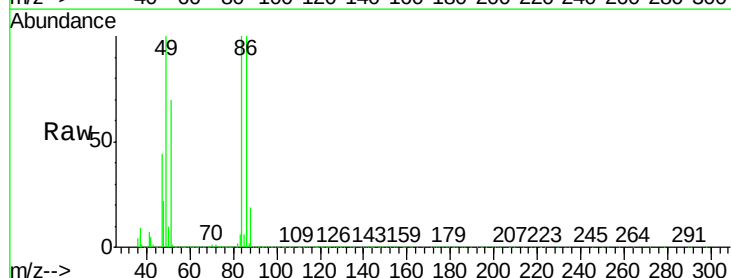
Instrument :
MSVOA_X
ClientSampleId :
SOIL-2

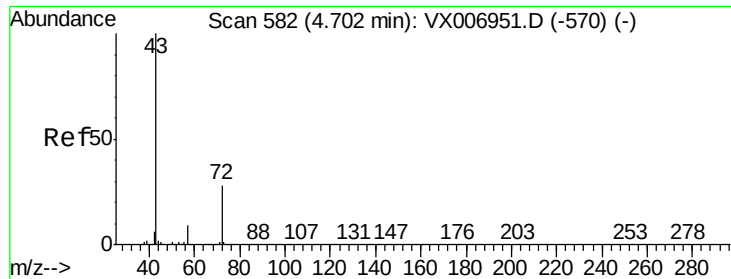
Tot Ion: 43 Resp: 17393
Ion Ratio Lower Upper
43 100
74 23.4 18.6 28.0



#20
Methylene Chloride
Concen: 4192.911 ug/l
RT: 2.85 min Scan# 278
Delta R.T. -0.01 min
Lab File: VX007272.D
Acq: 28 Jan 2019 20:18

Tgt Ion: 84 Resp: 21556428
Ion Ratio Lower Upper
84 100
49 100.0 91.8 137.6
51 69.8 28.5 42.7#
86 100.0 50.2 75.2#





#25

2-Butanone

Concen: 1.853 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX007272.D

Acq: 28 Jan 2019 20:18

Instrument :

MSVOA_X

ClientSampleId :

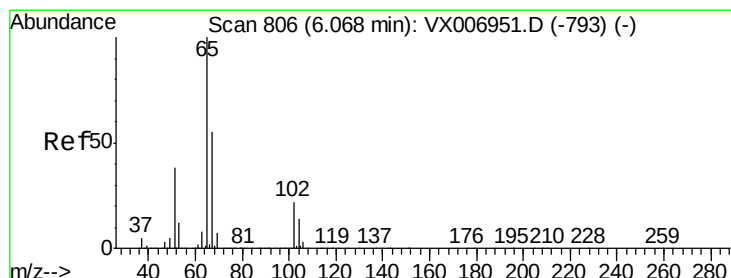
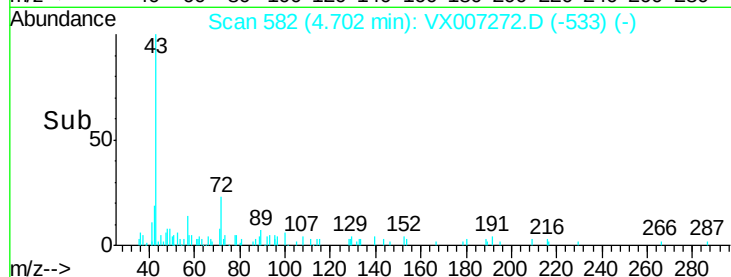
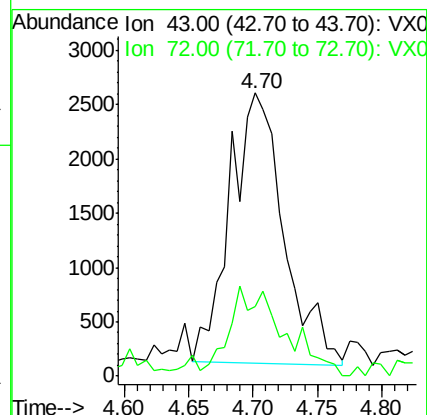
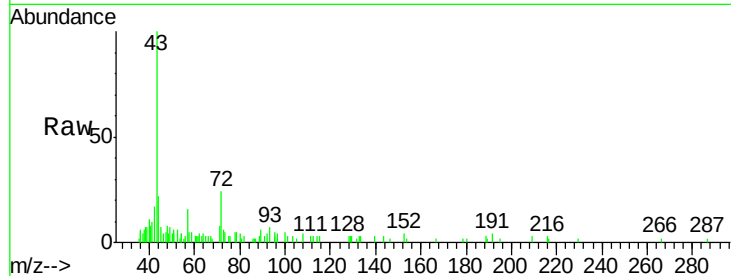
SOIL-2

Tot Ion: 43 Resp: 7247

Ion Ratio Lower Upper

43 100

72 25.7 22.4 33.6



#33

1,2-Dichloroethane-d4

Concen: 51.288 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007272.D

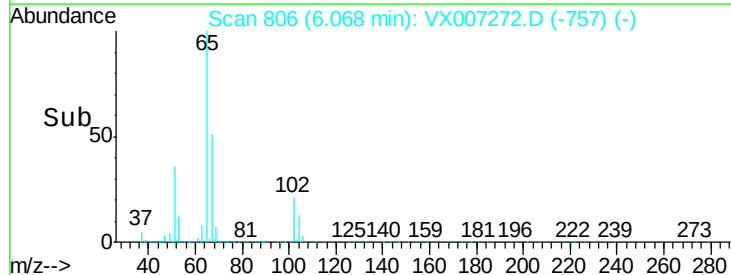
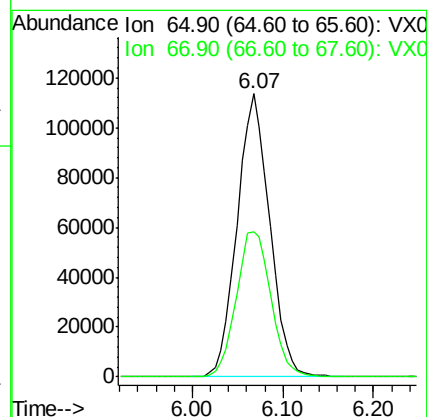
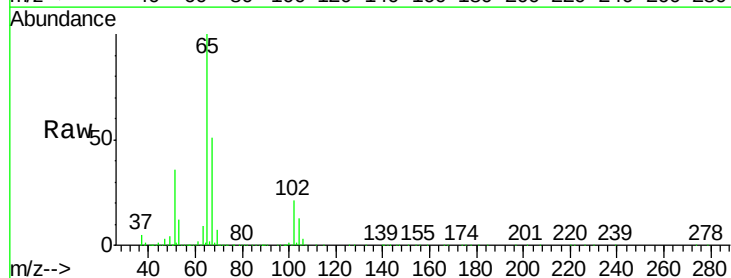
Acq: 28 Jan 2019 20:18

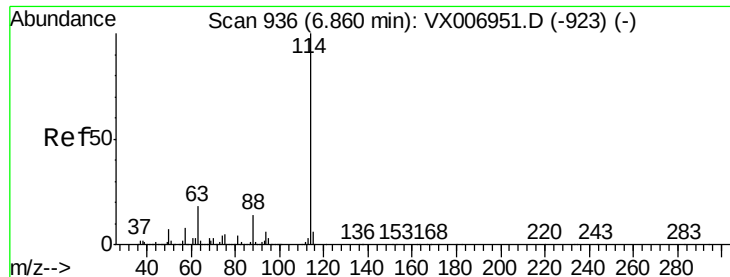
Tgt Ion: 65 Resp: 283597

Ion Ratio Lower Upper

65 100

67 54.6 0.0 105.0

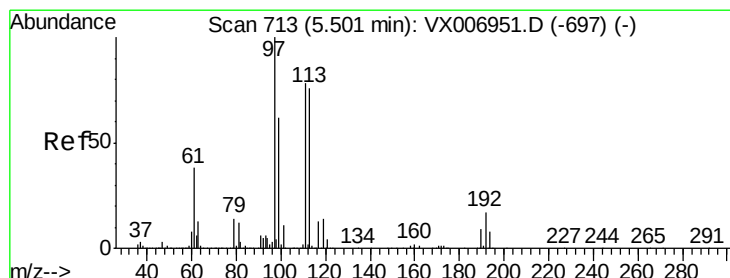
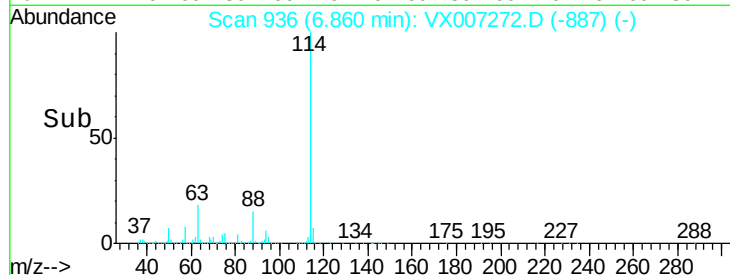
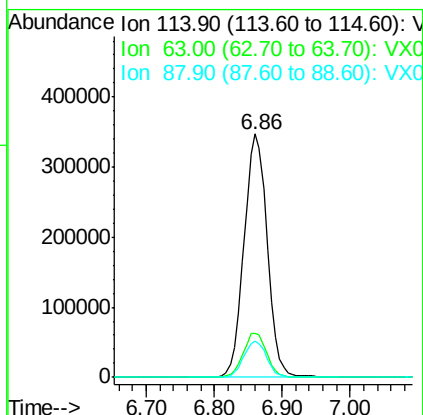
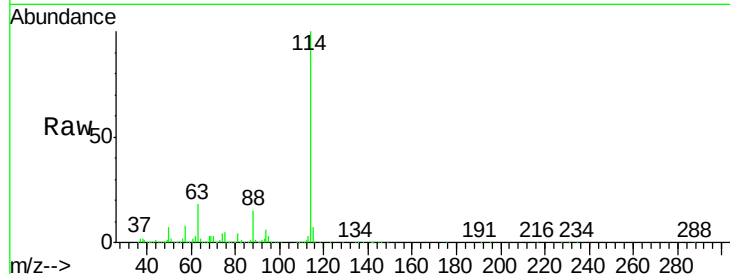




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX007272.D
 Acq: 28 Jan 2019 20:18

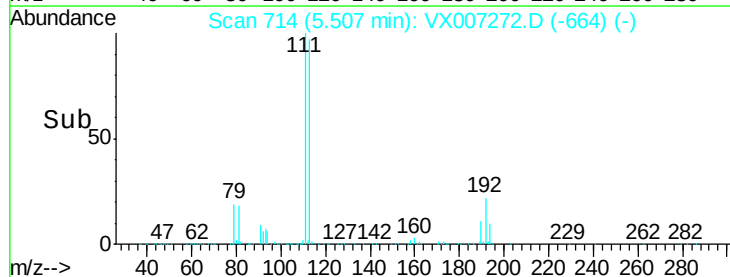
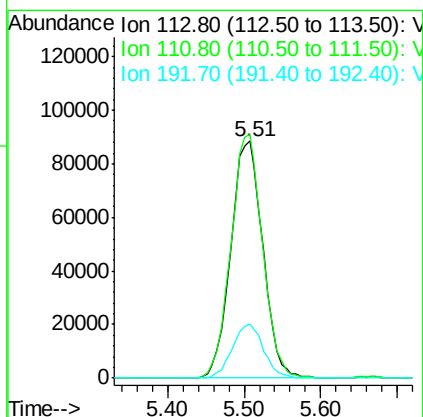
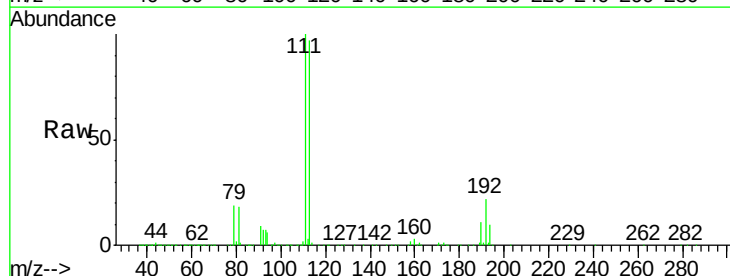
Instrument :
 MSVOA_X
 ClientSampleId :
 SOIL-2

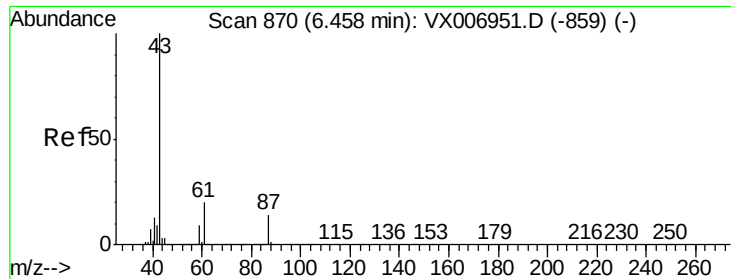
Tot Ion:	114	Resp:	822337
Ion	Ratio	Lower	Upper
114	100		
63	17.8	0.0	34.8
88	15.1	0.0	28.8



#35
 Dibromofluoromethane
 Concen: 48.685 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX007272.D
 Acq: 28 Jan 2019 20:18

Tgt Ion:	113	Resp:	256387
Ion	Ratio	Lower	Upper
113	100		
111	101.6	81.6	122.4
192	22.3	16.7	25.1





#43

Isopropyl Acetate

Concen: 2.245 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.01 min

Lab File: VX007272.D

Acq: 28 Jan 2019 20:18

Instrument :

MSVOA_X

ClientSampled :

SOIL-2

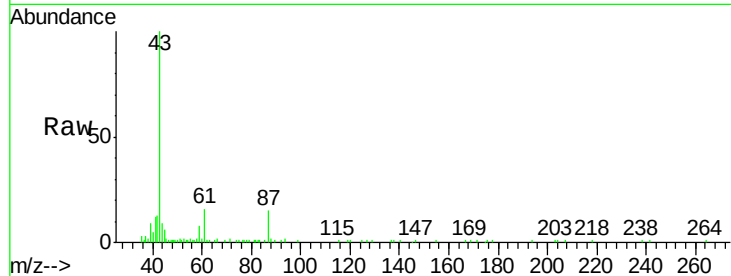
Tot Ion: 43 Resp: 27145

Ion Ratio Lower Upper

43 100

61 19.3 16.8 25.2

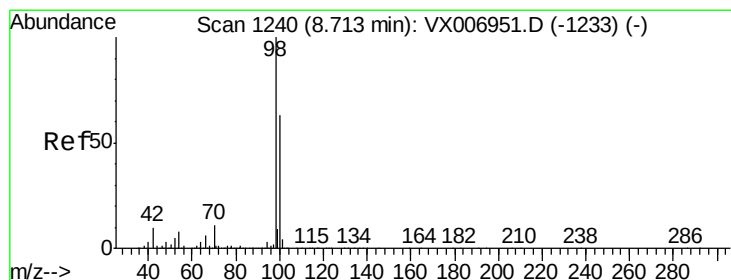
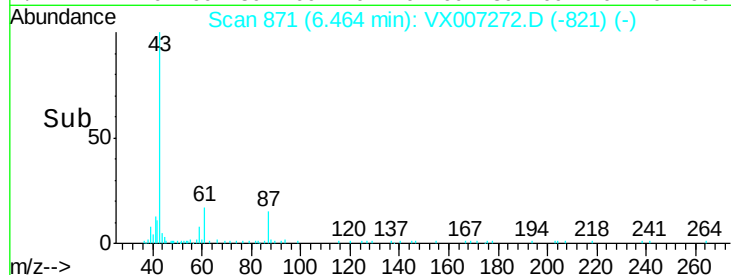
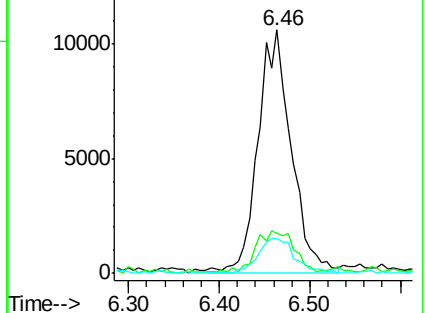
87 16.0 12.4 18.6



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: 52.417 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX007272.D

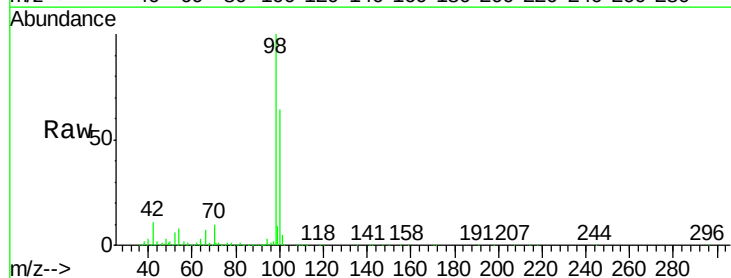
Acq: 28 Jan 2019 20:18

Tgt Ion: 98 Resp: 1010381

Ion Ratio Lower Upper

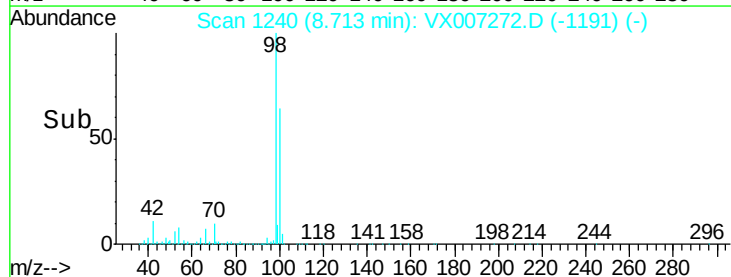
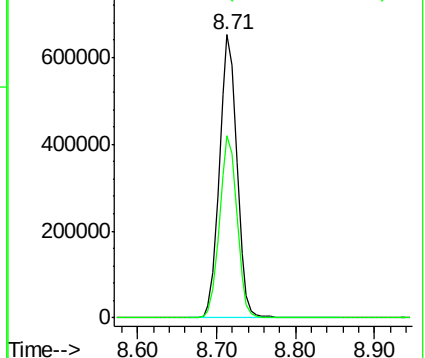
98 100

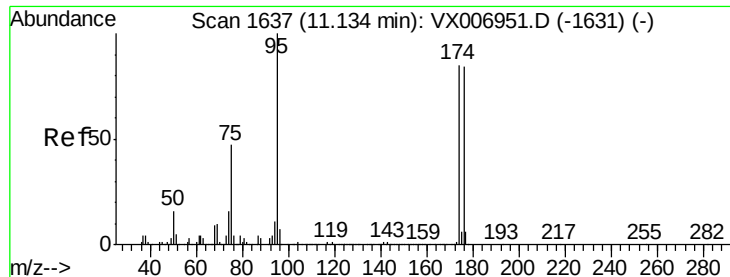
100 64.0 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

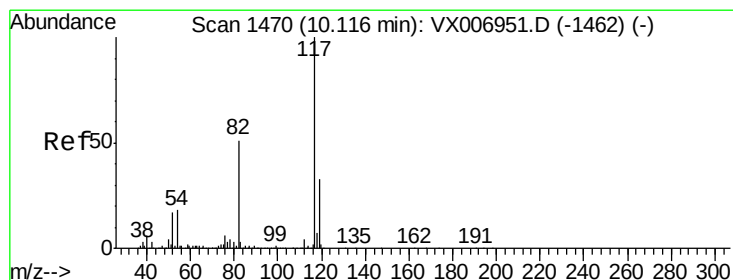
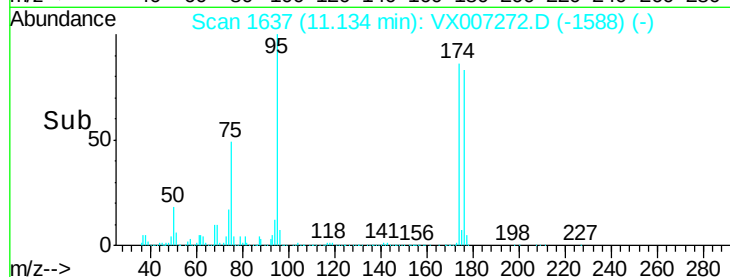
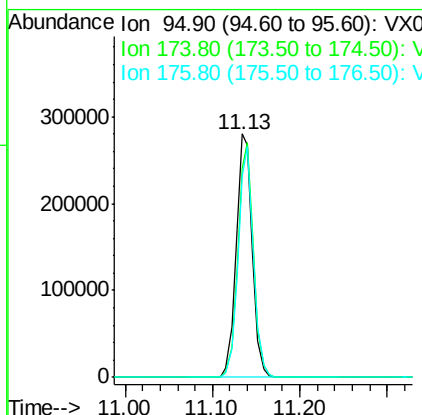
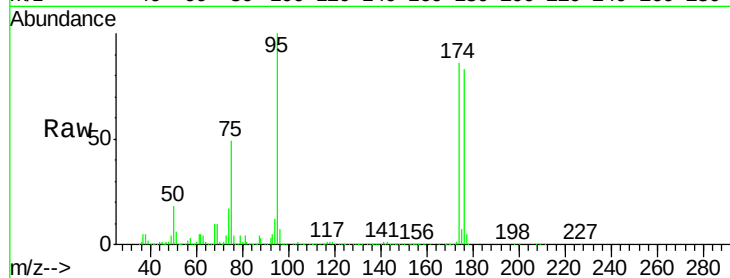




#62
4-Bromofluorobenzene
Concen: 53.696 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX007272.D
Acq: 28 Jan 2019 20:18

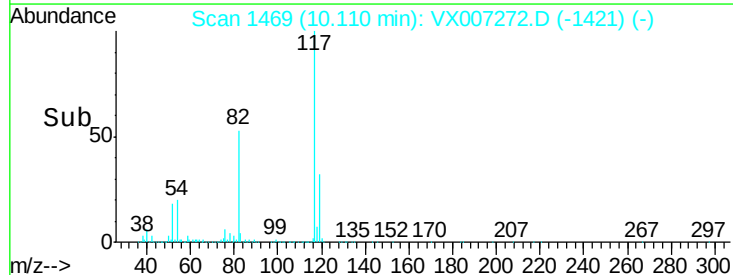
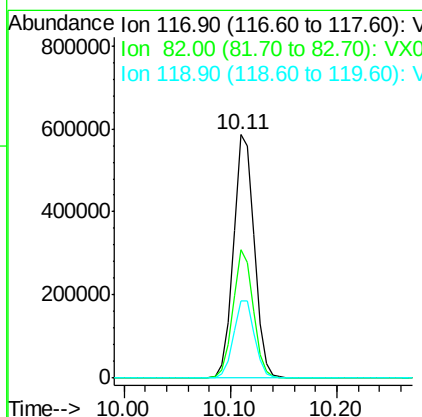
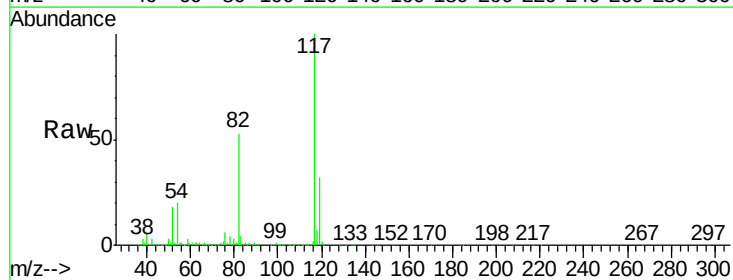
Instrument :
MSVOA_X
ClientSampleId :
SOIL-2

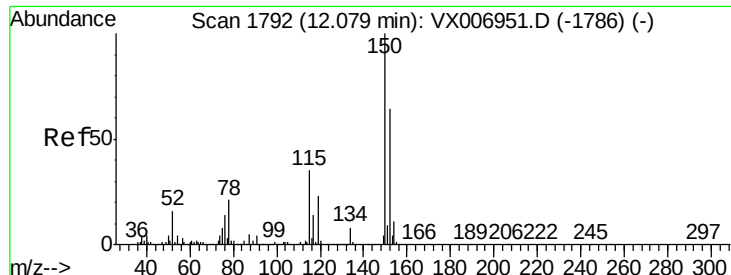
Tot Ion: 95 Resp: 360841
Ion Ratio Lower Upper
95 100
174 93.4 0.0 182.2
176 90.4 0.0 178.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VX007272.D
Acq: 28 Jan 2019 20:18

Tgt Ion: 117 Resp: 803363
Ion Ratio Lower Upper
117 100
82 52.6 41.0 61.6
119 31.7 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: VX007272.D

Acq: 28 Jan 2019 20:18

Instrument :

MSVOA_X

ClientSampleId :

SOIL-2

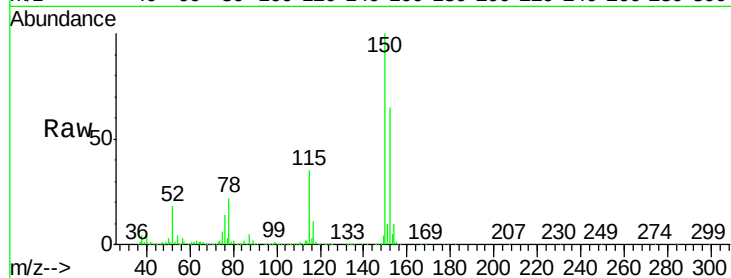
Tot Ion:152 Resp: 393046

Ion Ratio Lower Upper

152 100

115 54.5 39.1 117.2

150 156.3 0.0 344.8



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

