

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122118\
 Data File : VX006748.D
 Acq On : 22 Dec 2018 03:05
 Operator : JC/MD
 Sample : J6518-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 337-SOIL

Quant Time: Dec 22 05:54:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

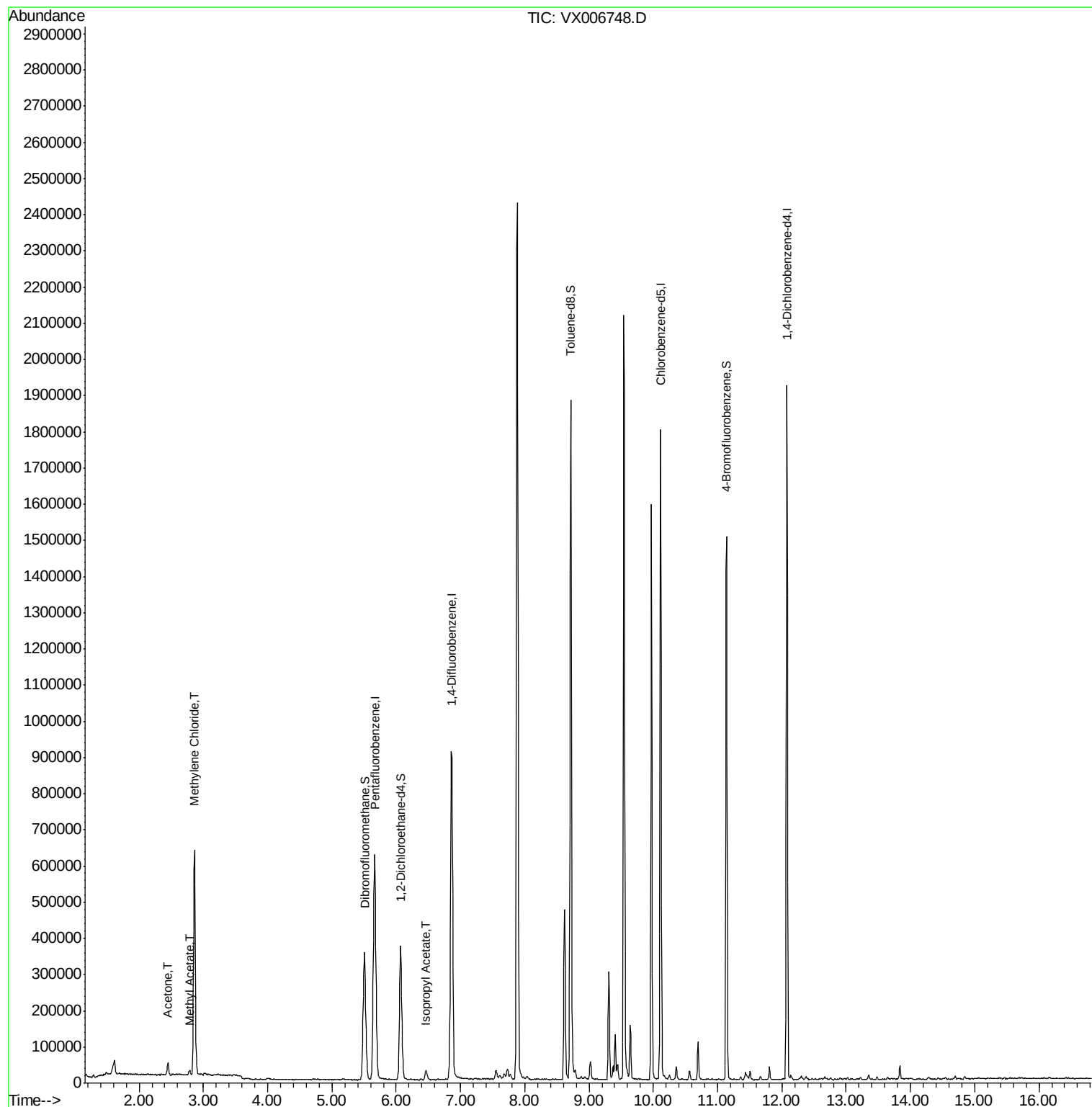
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	636416	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	986626	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	892781	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	406545	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	340609	49.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.32%	
35) Dibromofluoromethane	5.51	113	295301	47.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.66%	
50) Toluene-d8	8.71	98	1162432	49.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.84%	
62) 4-Bromofluorobenzene	11.14	95	395734	45.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.88%	
Target Compounds						
16) Acetone	2.45	43	36555	11.600	ug/l	98
18) Methyl Acetate	2.78	43	15680	1.692	ug/l #	88
20) Methylene Chloride	2.86	84	287013	44.046	ug/l	96
43) Isopropyl Acetate	6.46	43	31123	2.405	ug/l	96

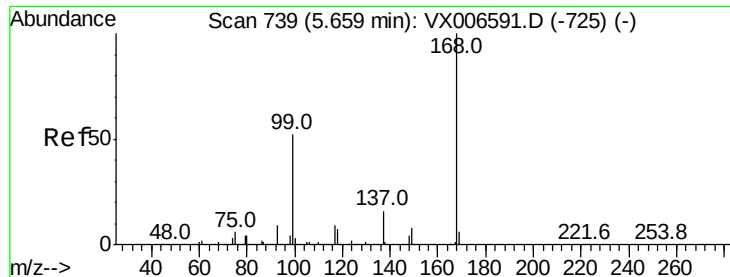
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Dec 19 15:20:58 2018
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX006748.D

Acq: 22 Dec 2018 03:05

Instrument :

MSVOA_X

ClientSampleId :

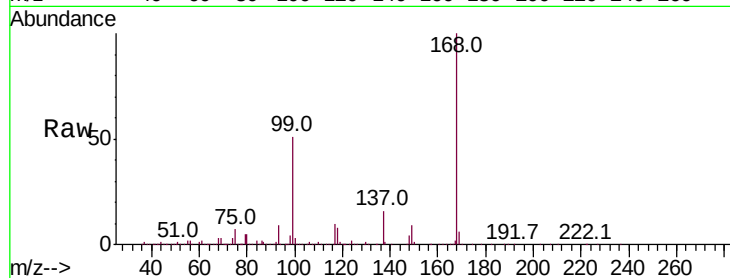
337-SOIL

Tot Ion:168 Resp: 636416

Ion Ratio Lower Upper

168 100

99 51.0 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

200000

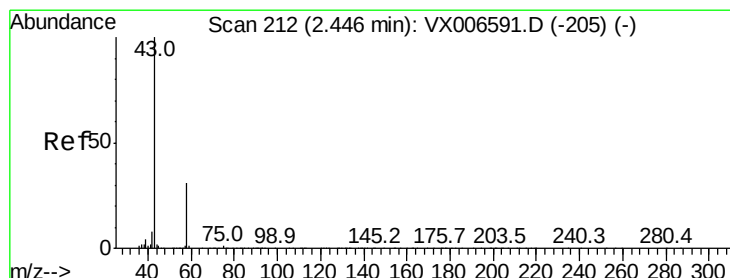
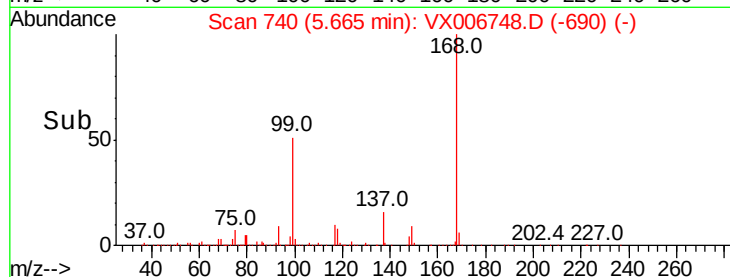
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 11.600 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX006748.D

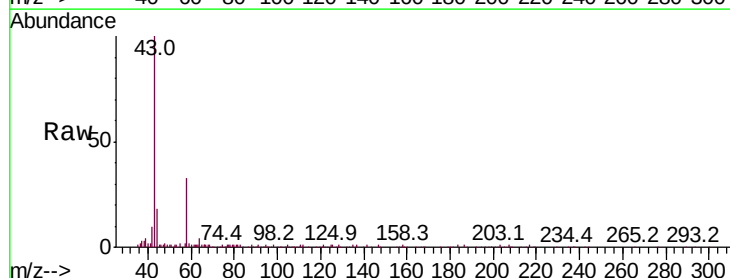
Acq: 22 Dec 2018 03:05

Tgt Ion: 43 Resp: 36555

Ion Ratio Lower Upper

43 100

58 32.5 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

25000

20000

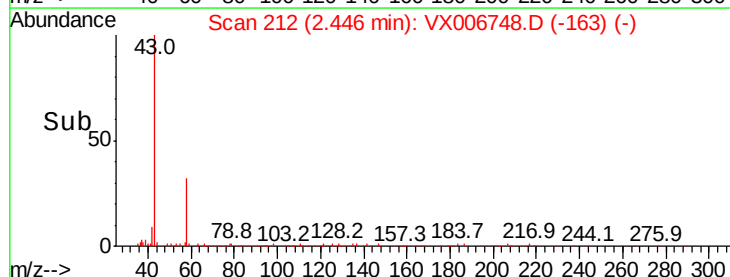
15000

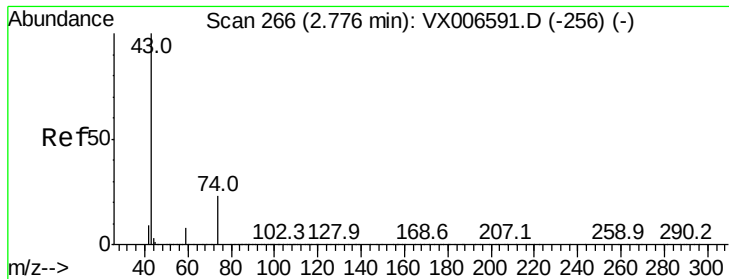
10000

5000

0

Time--> 2.35 2.40 2.45 2.50

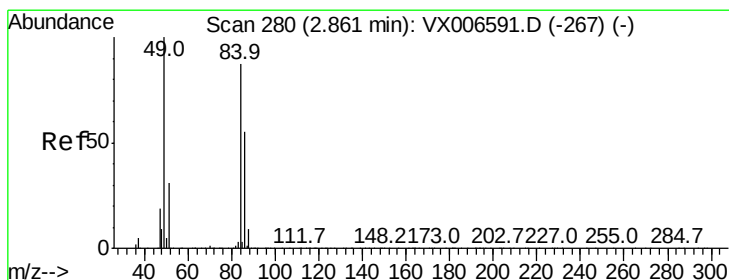
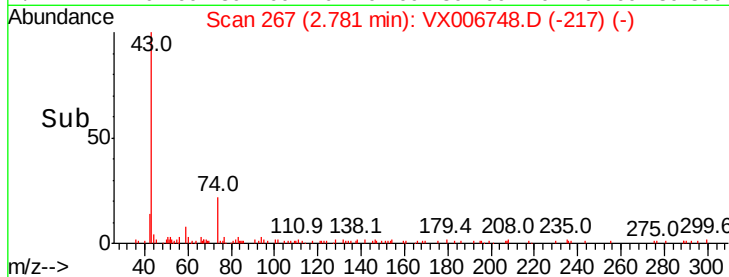
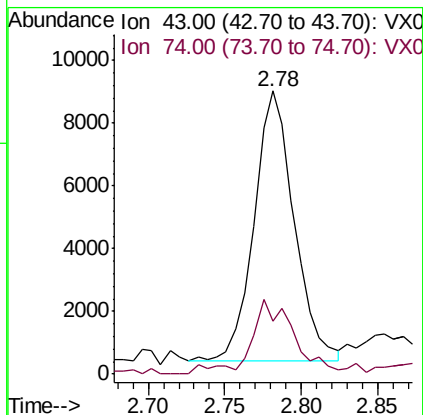
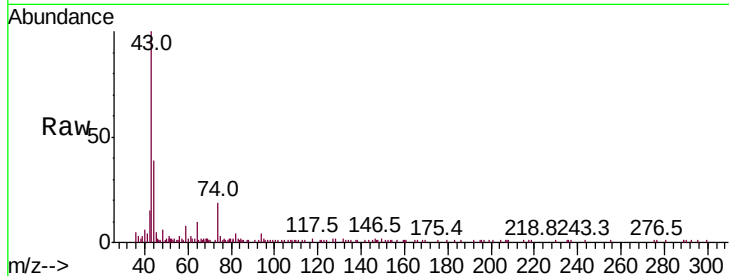




#18
Methvl Acetate
Concen: 1.692 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX006748.D
Acq: 22 Dec 2018 03:05

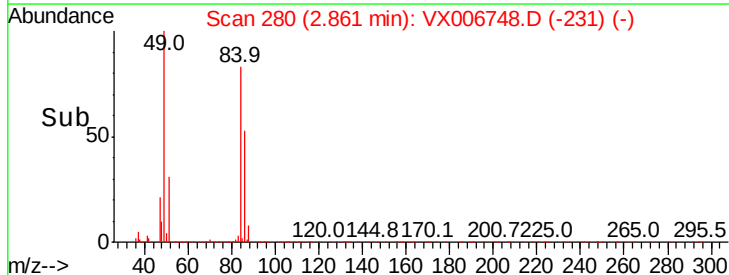
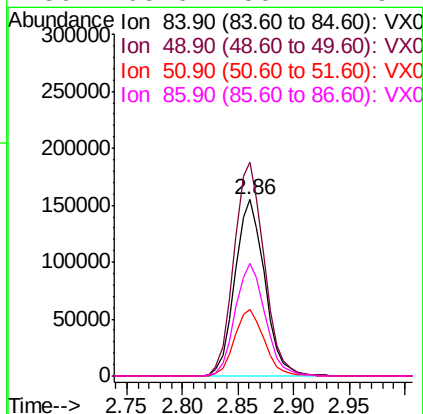
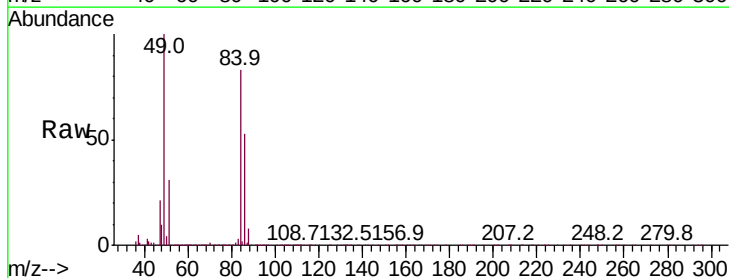
Instrument :
MSVOA_X
ClientSampleId :
337-SOIL

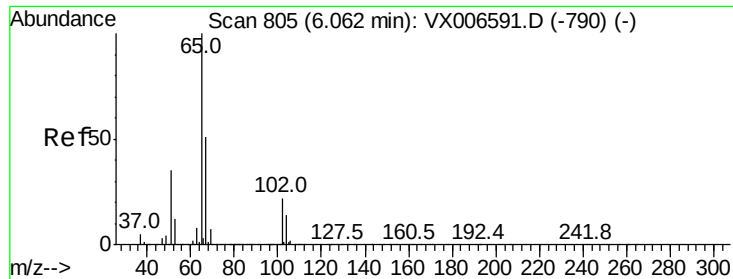
Tot Ion: 43 Resp: 15680
Ion Ratio Lower Upper
43 100
74 29.4 18.6 28.0#



#20
Methylene Chloride
Concen: 44.046 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX006748.D
Acq: 22 Dec 2018 03:05

Tgt Ion: 84 Resp: 287013
Ion Ratio Lower Upper
84 100
49 120.9 91.8 137.6
51 37.2 28.5 42.7
86 63.6 50.2 75.2





#33

1,2-Dichloroethane-d4

Concen: 49.659 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX006748.D

Acq: 22 Dec 2018 03:05

Instrument :

MSVOA_X

ClientSampled :

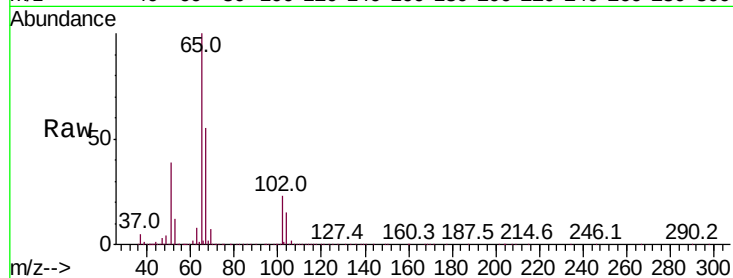
337-SOIL

Tot Ion: 65 Resp: 340609

Ion Ratio Lower Upper

65 100

67 53.2 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

150000

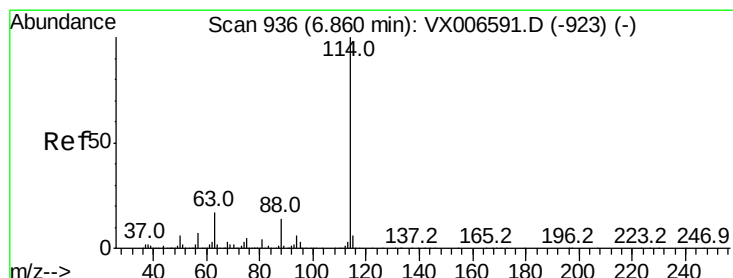
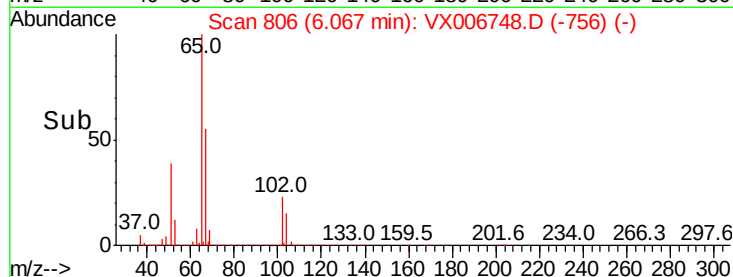
100000

50000

0

6.07

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX006748.D

Acq: 22 Dec 2018 03:05

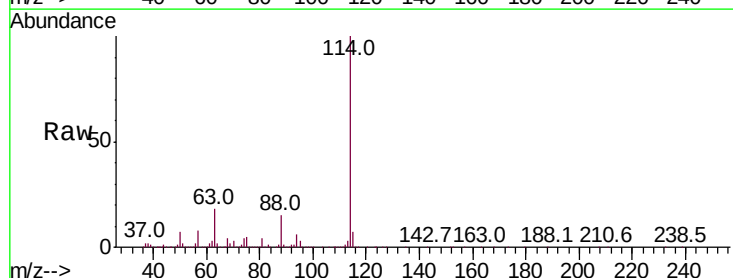
Tgt Ion:114 Resp: 986626

Ion Ratio Lower Upper

114 100

63 18.4 0.0 34.8

88 15.3 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

500000

400000

300000

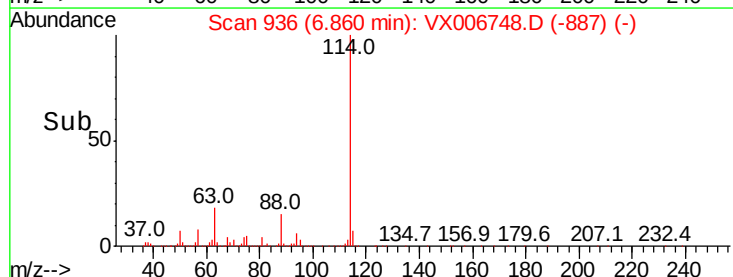
200000

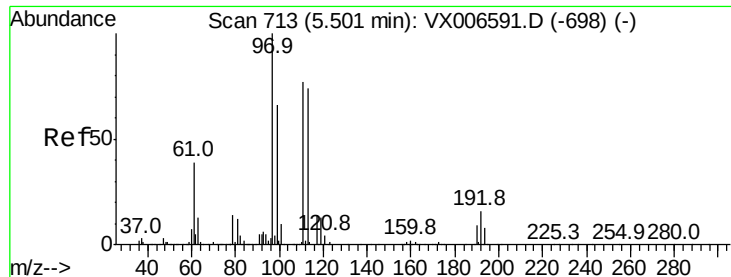
100000

0

6.86

Time-->





#35

Dibromofluoromethane

Concen: 47.330 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006748.D

Acq: 22 Dec 2018 03:05

Instrument :

MSVOA_X

ClientSampled :

337-SOIL

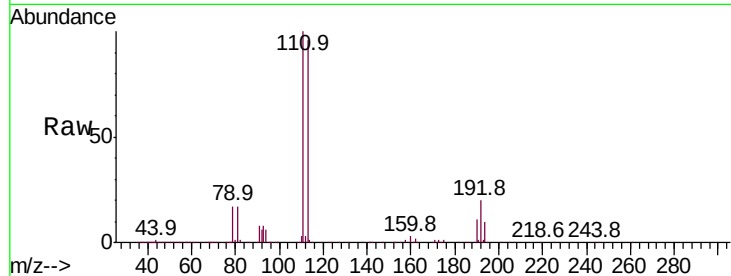
Tot Ion:113 Resp: 295301

Ion Ratio Lower Upper

113 100

111 104.4 81.6 122.4

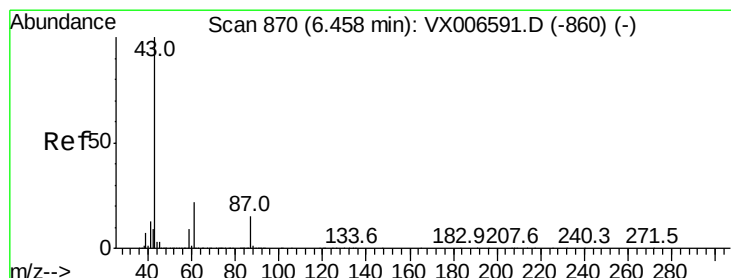
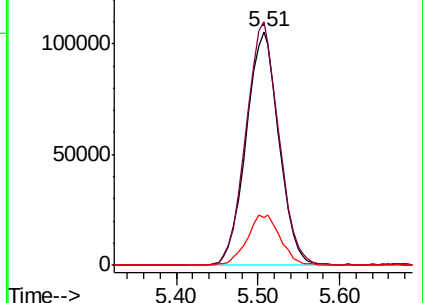
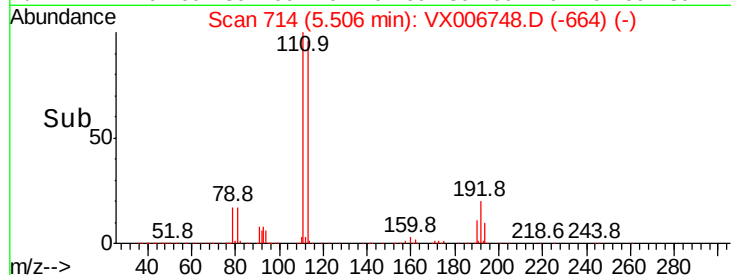
192 22.0 16.7 25.1



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: 2.405 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.01 min

Lab File: VX006748.D

Acq: 22 Dec 2018 03:05

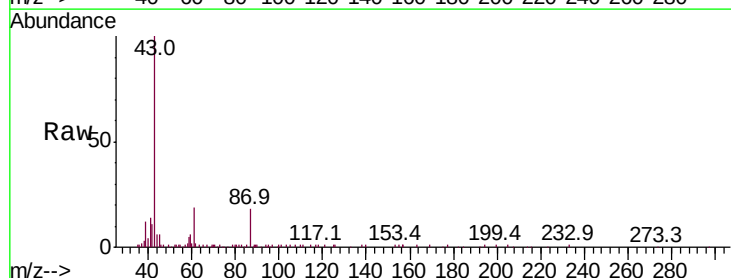
Tgt Ion: 43 Resp: 31123

Ion Ratio Lower Upper

43 100

61 23.5 16.8 25.2

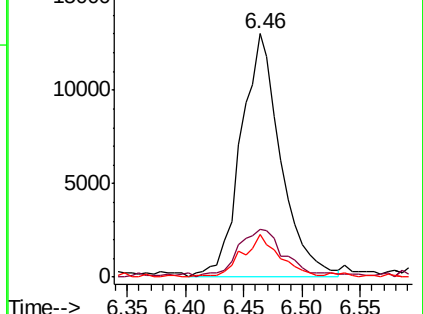
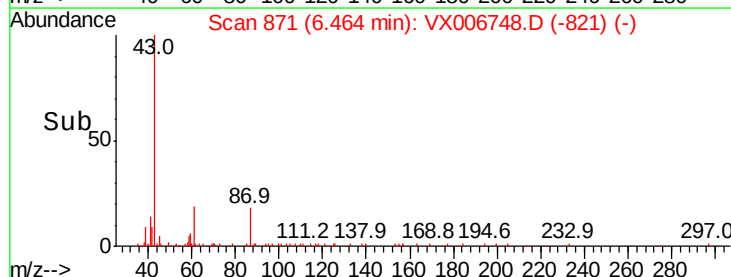
87 16.4 12.4 18.6

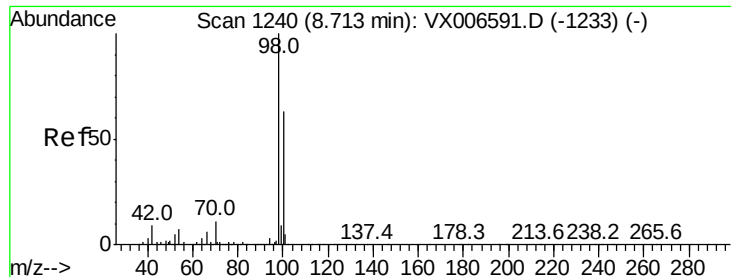


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#50

Toluene-d8

Concen: 49.419 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX006748.D

Acq: 22 Dec 2018 03:05

Instrument :

MSVOA_X

ClientSampleId :

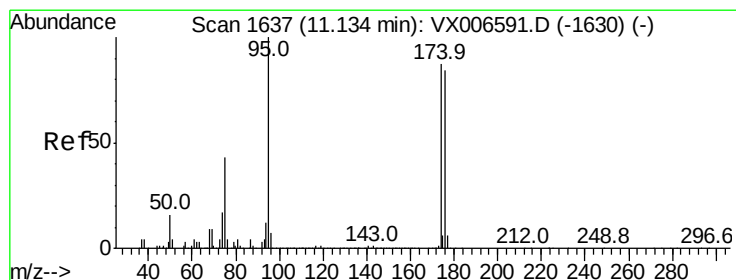
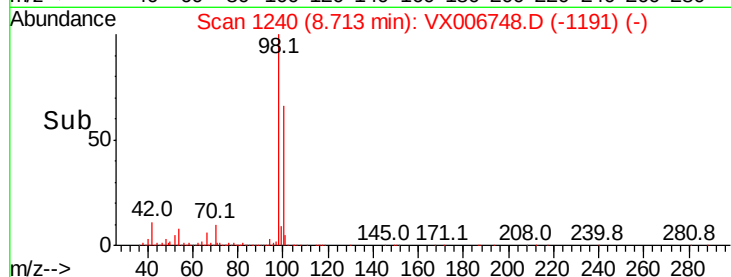
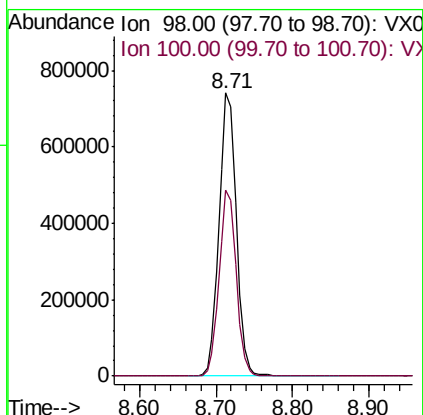
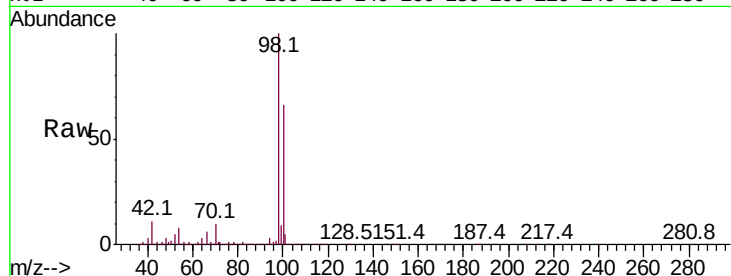
337-SOIL

Tot Ion: 98 Resp: 1162432

Ion Ratio Lower Upper

98 100

100 64.9 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 45.937 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.01 min

Lab File: VX006748.D

Acq: 22 Dec 2018 03:05

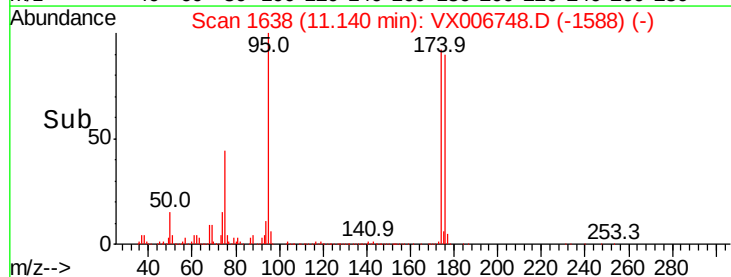
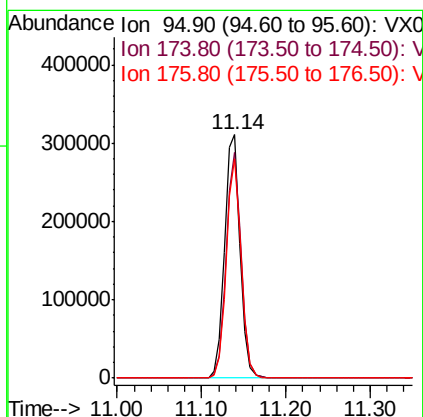
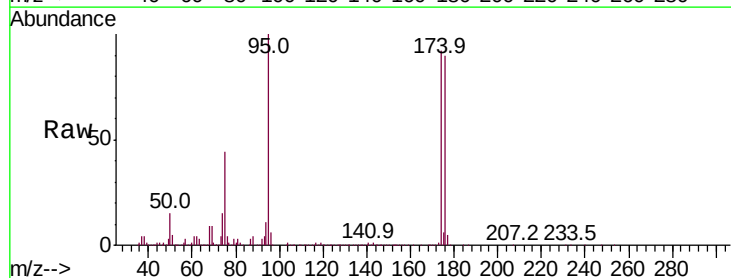
Tgt Ion: 95 Resp: 395734

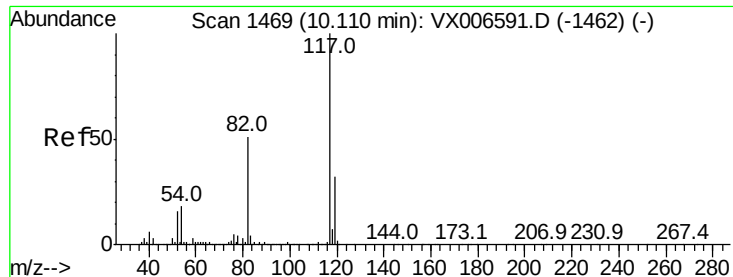
Ion Ratio Lower Upper

95 100

174 89.7 0.0 182.2

176 86.2 0.0 178.8

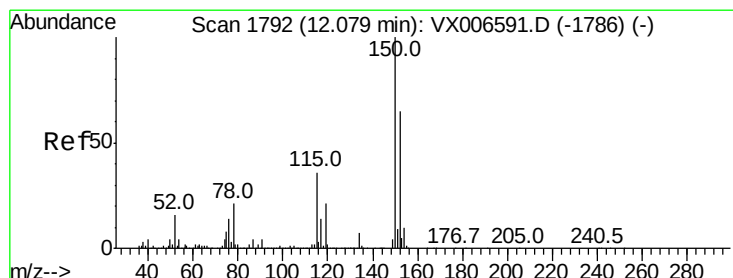
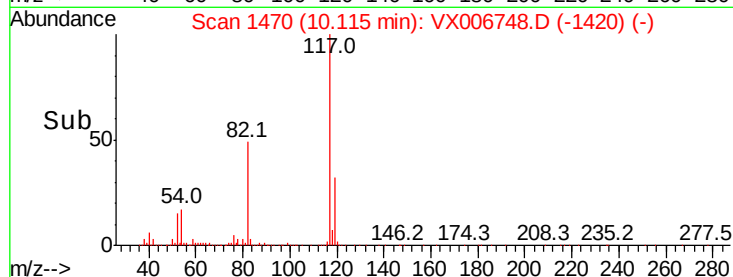
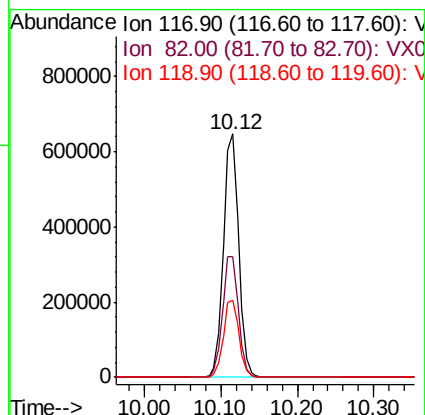
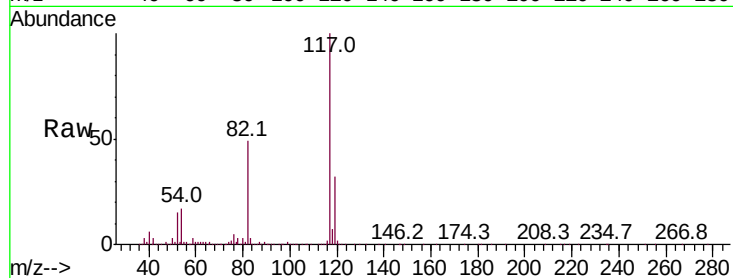




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX006748.D
Acq: 22 Dec 2018 03:05

Instrument :
MSVOA_X
ClientSampled :
337-SOIL

Tot Ion:117 Resp: 892781
Ion Ratio Lower Upper
117 100
82 49.4 41.0 61.6
119 32.0 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: VX006748.D
Acq: 22 Dec 2018 03:05

Tgt Ion:152 Resp: 406545
Ion Ratio Lower Upper
152 100
115 55.6 39.1 117.2
150 155.6 0.0 344.8

