

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011320\
 Data File : VX014585.D
 Acq On : 13 Jan 2020 14:35
 Operator : JC/SP
 Sample : L1091-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GRAVEL-SOIL

Quant Time: Jan 14 13:48:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 15:54:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	485608	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	757652	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	696751	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	321618	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	270049	49.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.64%	
35) Dibromofluoromethane	5.49	113	228189	49.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.50%	
50) Toluene-d8	8.71	98	913987	51.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.70%	
62) 4-Bromofluorobenzene	11.14	95	309957	47.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.88%	

Target Compounds

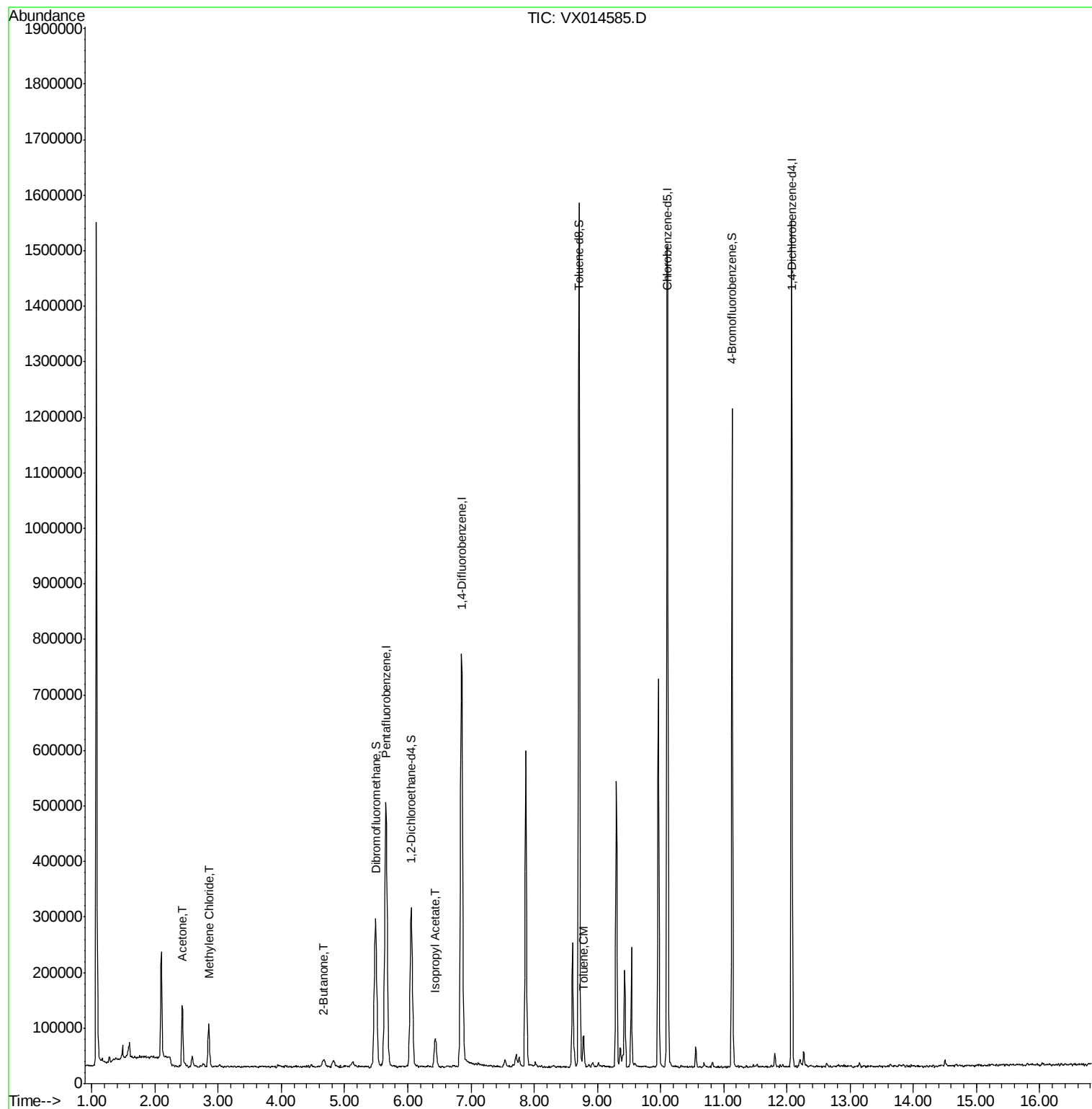
					Qvalue
16) Acetone	2.43	43	121344	41.152	ug/l 98
20) Methylene Chloride	2.85	84	35999	6.601	ug/l 98
25) 2-Butanone	4.67	43	17695	4.370	ug/l 99
43) Isopropyl Acetate	6.43	43	72320	5.785	ug/l 98
52) Toluene	8.78	92	21688	1.602	ug/l 98

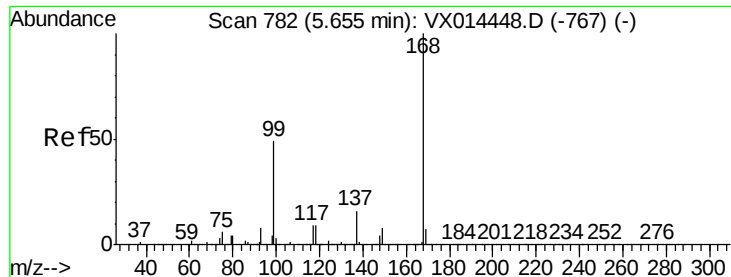
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 07 15:54:41 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.00 min

Lab File: VX014585.D

Acq: 13 Jan 2020 14:35

Instrument :

MSVOA_X

ClientSampleId :

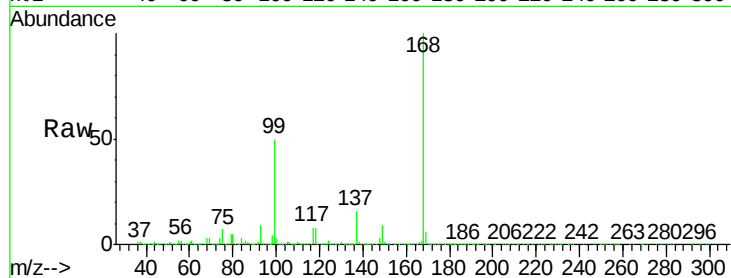
GRAVEL-SOIL

Tot Ion:168 Resp: 485608

Ion Ratio Lower Upper

168 100

99 49.6 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

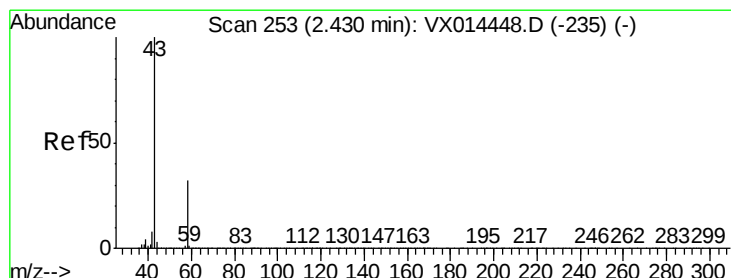
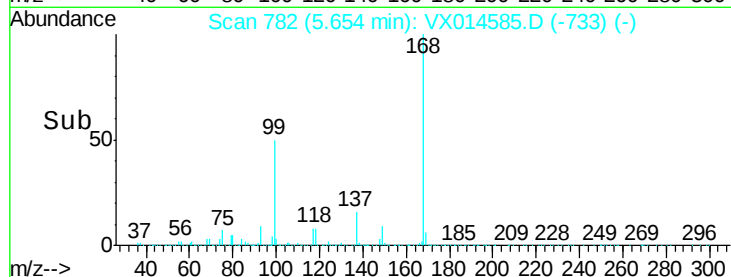
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 41.152 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX014585.D

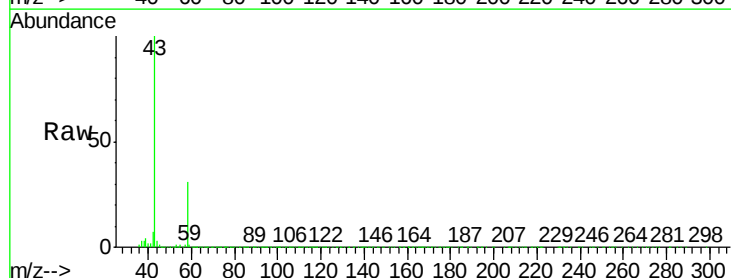
Acq: 13 Jan 2020 14:35

Tgt Ion: 43 Resp: 121344

Ion Ratio Lower Upper

43 100

58 30.6 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.43

80000

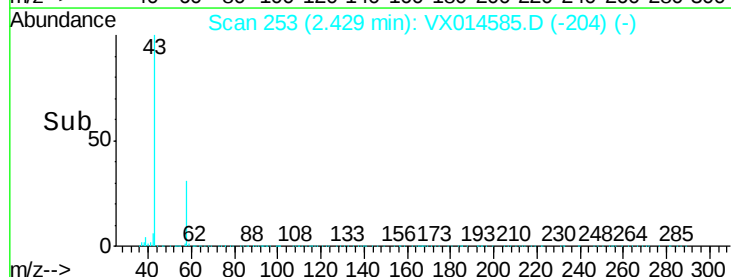
60000

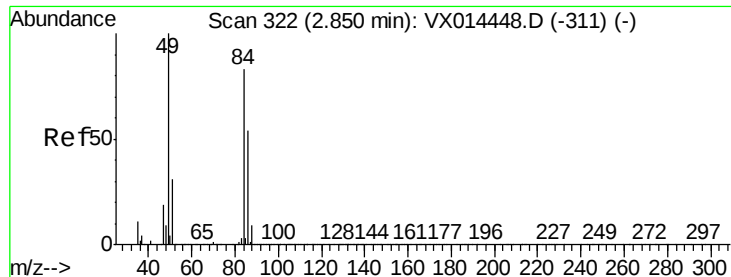
40000

20000

0

Time-->

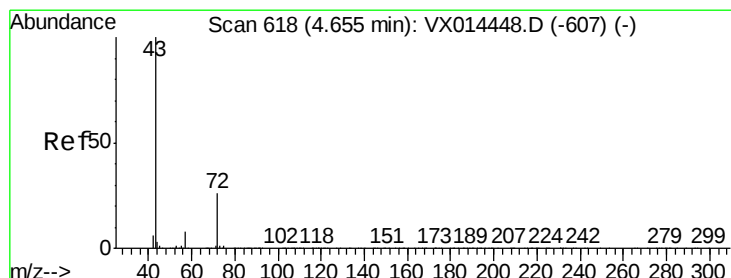
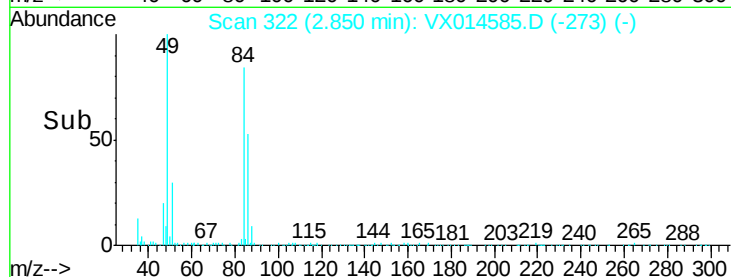
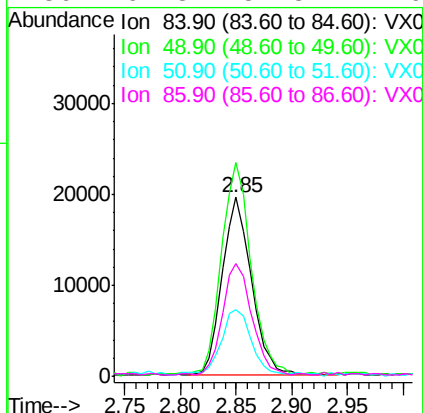
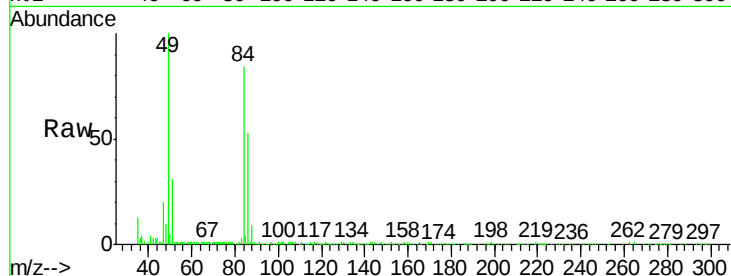




#20
Methvlene Chloride
Concen: 6.601 ug/l
RT: 2.85 min Scan# 322
Delta R.T. -0.00 min
Lab File: VX014585.D
Acq: 13 Jan 2020 14:35

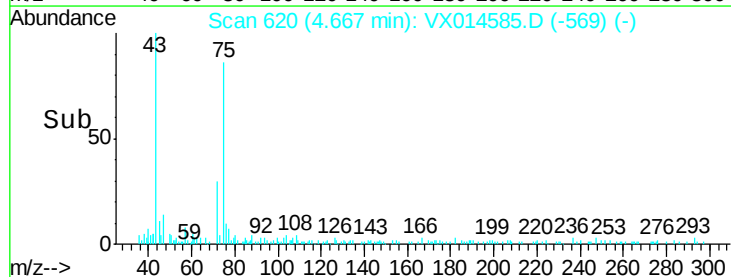
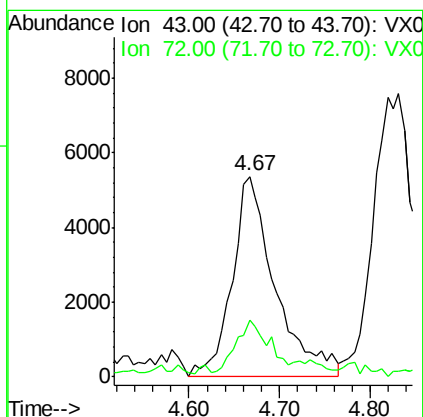
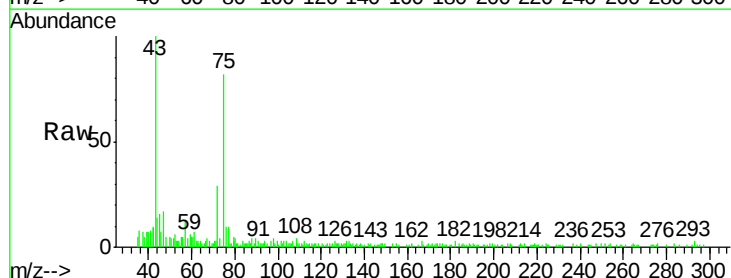
Instrument :
MSVOA_X
ClientSampleId :
GRAVEL-SOIL

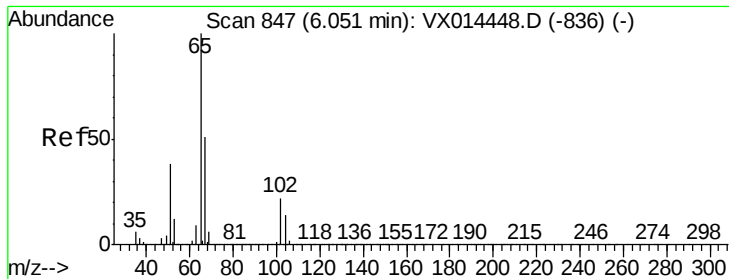
Tot Ion:	84	Resp:	35999
Ion	Ratio	Lower	Upper
84	100		
49	118.7	95.8	143.8
51	35.4	30.2	45.4
86	61.8	51.8	77.6



#25
2-Butanone
Concen: 4.370 ug/l
RT: 4.67 min Scan# 620
Delta R.T. 0.01 min
Lab File: VX014585.D
Acq: 13 Jan 2020 14:35

Tgt Ion:	43	Resp:	17695
Ion	Ratio	Lower	Upper
43	100		
72	25.2	20.6	31.0

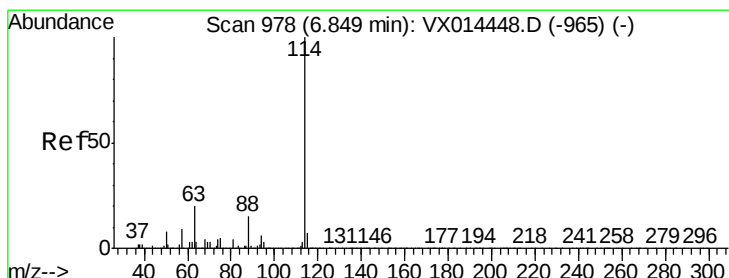
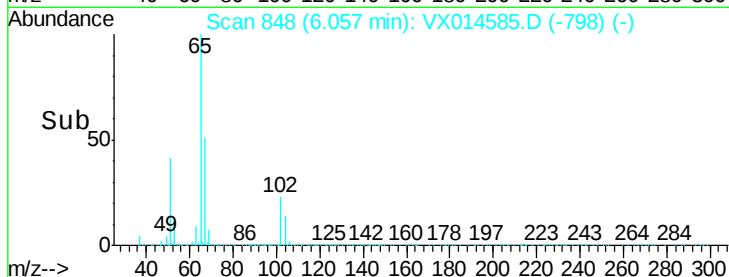
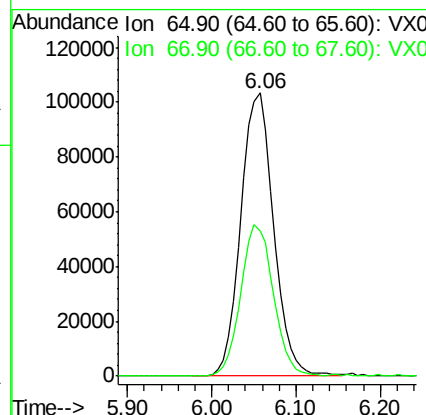
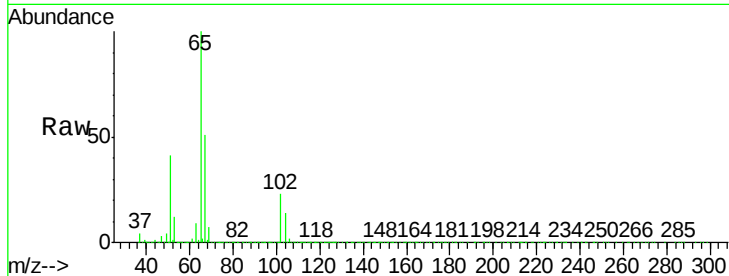




#33
 1,2-Dichloroethane-d4
 Concen: 49.815 ug/l
 RT: 6.06 min Scan# 848
 Delta R.T. 0.01 min
 Lab File: VX014585.D
 Acq: 13 Jan 2020 14:35

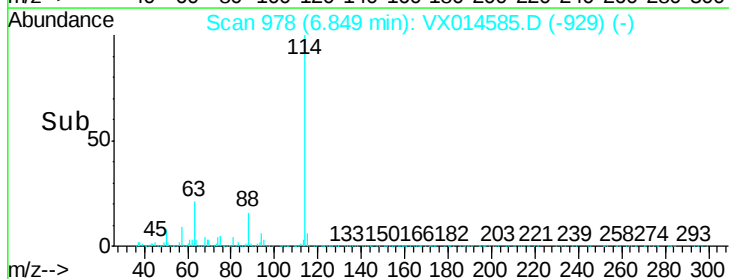
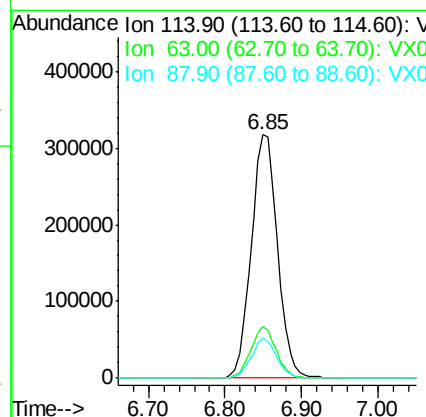
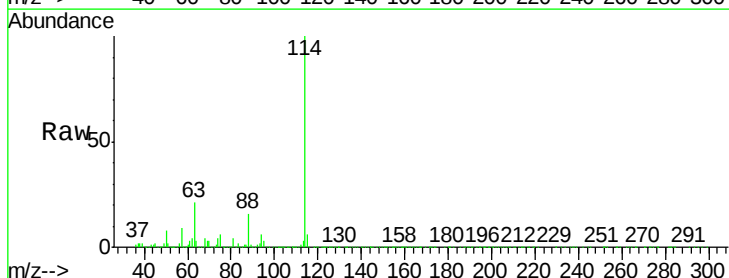
Instrument :
 MSVOA_X
 ClientSampleId :
 GRAVEL-SOIL

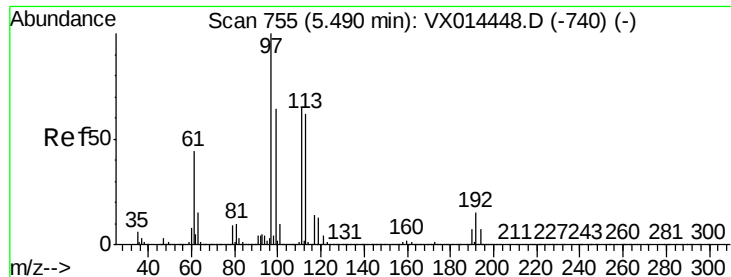
Tot Ion: 65 Resp: 270049
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX014585.D
 Acq: 13 Jan 2020 14:35

Tgt Ion: 114 Resp: 757652
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 39.6
 88 16.4 0.0 30.8

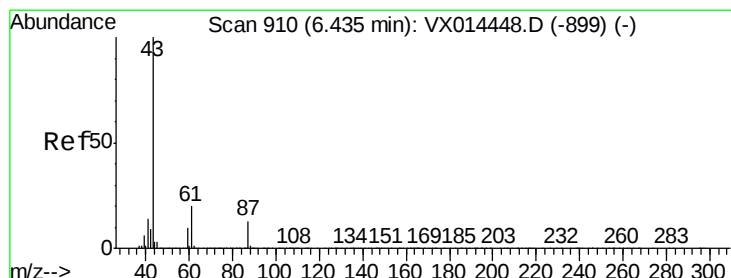
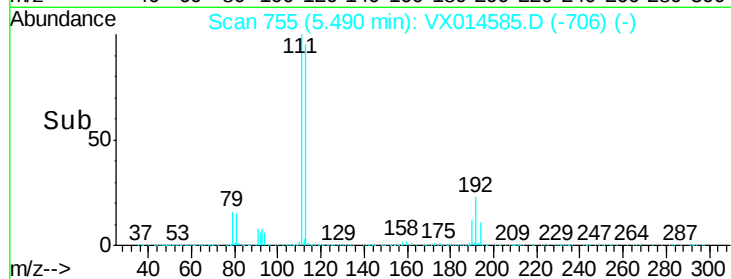
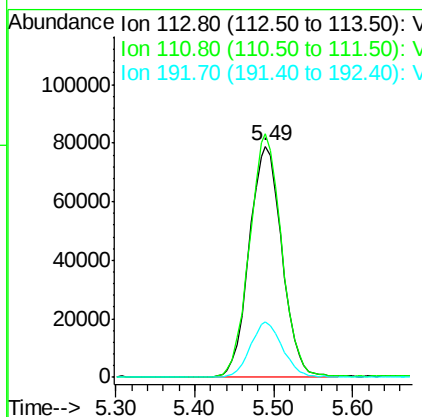
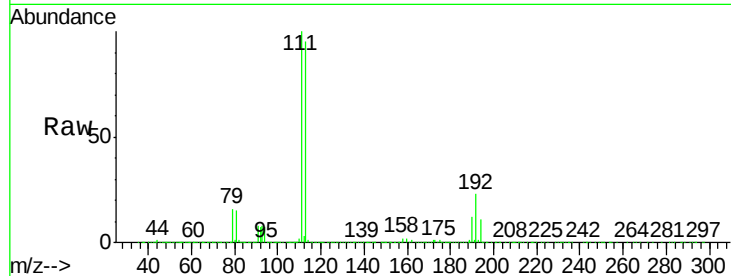




#35
Dibromofluoromethane
Concen: 49.753 ug/l
RT: 5.49 min Scan# 755
Delta R.T. -0.00 min
Lab File: VX014585.D
Acq: 13 Jan 2020 14:35

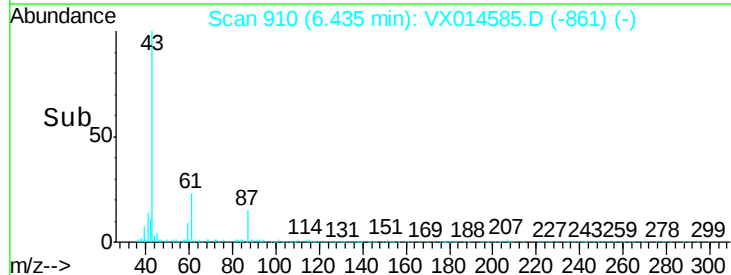
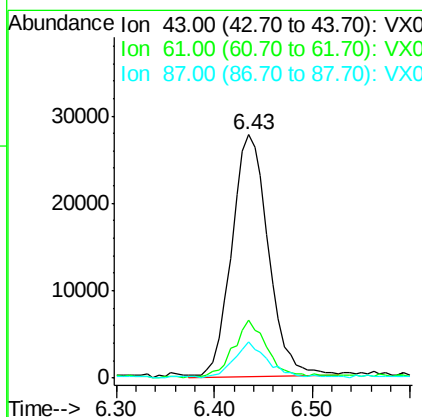
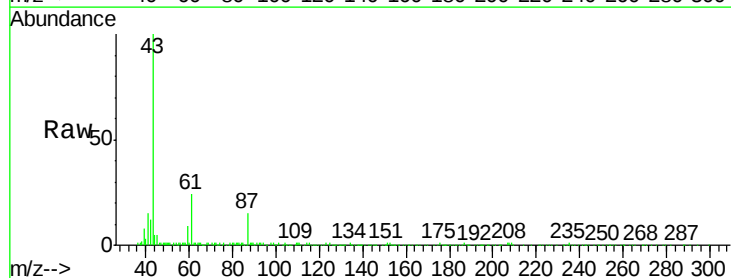
Instrument :
MSVOA_X
ClientSampled :
GRAVEL-SOIL

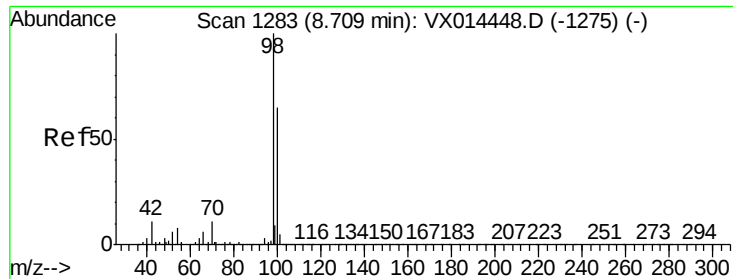
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.5	122.3
192	23.6	19.2	28.8



#43
Isopropyl Acetate
Concen: 5.785 ug/l
RT: 6.43 min Scan# 910
Delta R.T. -0.00 min
Lab File: VX014585.D
Acq: 13 Jan 2020 14:35

Tgt Ion	Ratio	Lower	Upper
43	100		
61	22.1	16.6	24.8
87	13.1	10.8	16.2

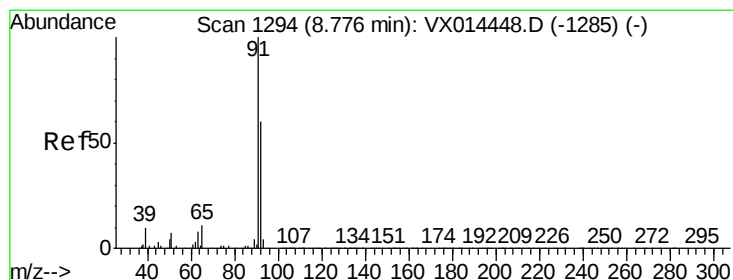
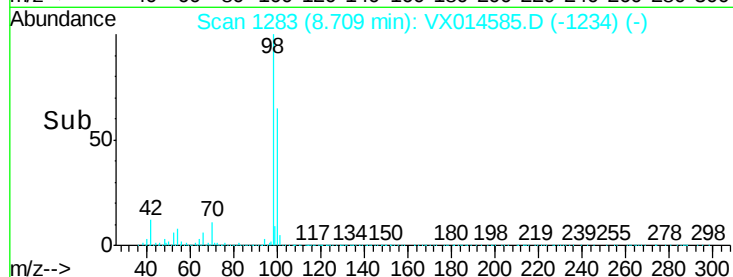
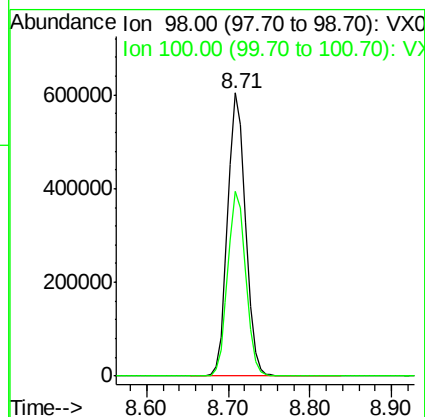
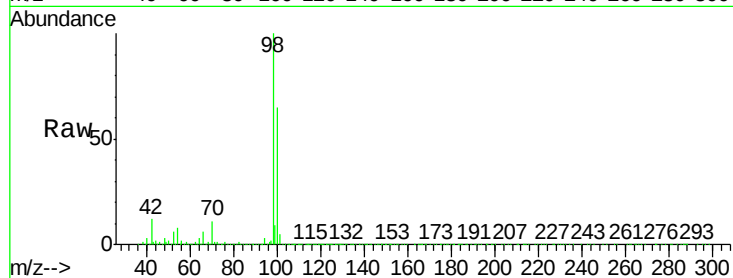




#50
Toluene-d8
Concen: 51.353 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX014585.D
Acq: 13 Jan 2020 14:35

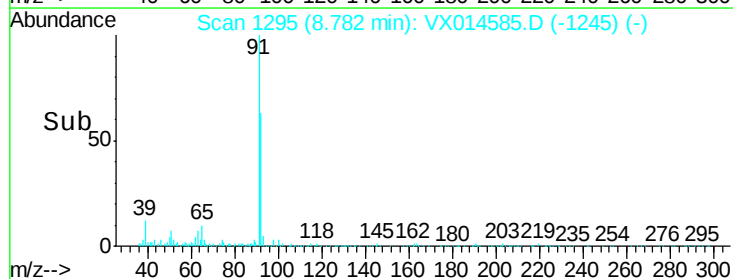
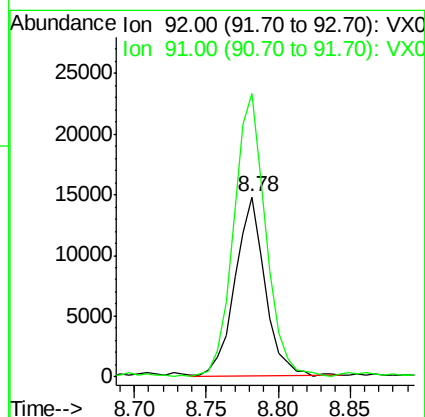
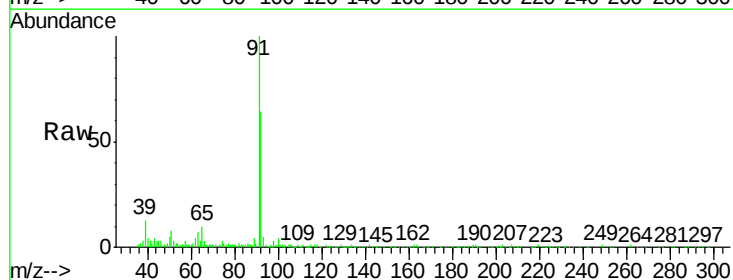
Instrument :
MSVOA_X
ClientSampleId :
GRAVEL-SOIL

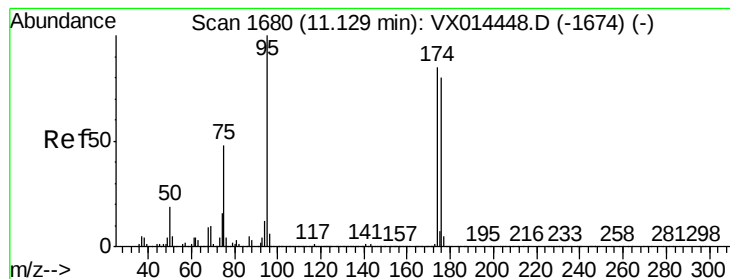
Tot Ion: 98 Resp: 913987
Ion Ratio Lower Upper
98 100
100 65.6 53.2 79.8



#52
Toluene
Concen: 1.602 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. 0.01 min
Lab File: VX014585.D
Acq: 13 Jan 2020 14:35

Tgt Ion: 92 Resp: 21688
Ion Ratio Lower Upper
92 100
91 166.6 135.7 203.5





#62

4-Bromofluorobenzene

Concen: 47.438 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VX014585.D

Acq: 13 Jan 2020 14:35

Instrument :

MSVOA_X

ClientSampleId :

GRAVEL-SOIL

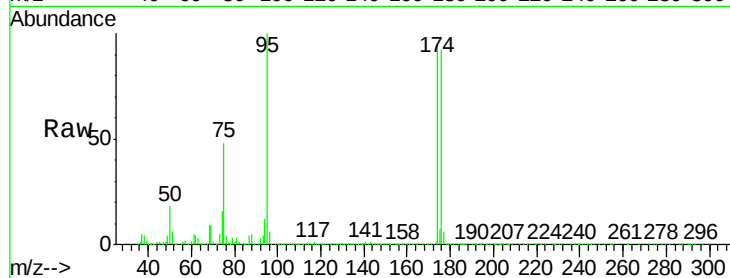
Tot Ion: 95 Resp: 309957

Ion Ratio Lower Upper

95 100

174 89.4 0.0 180.8

176 87.2 0.0 172.8

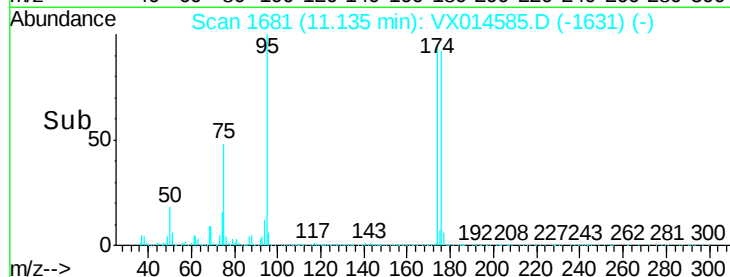


Abundance Ion 94.90 (94.60 to 95.60): VX014448.D (-1674) (-)

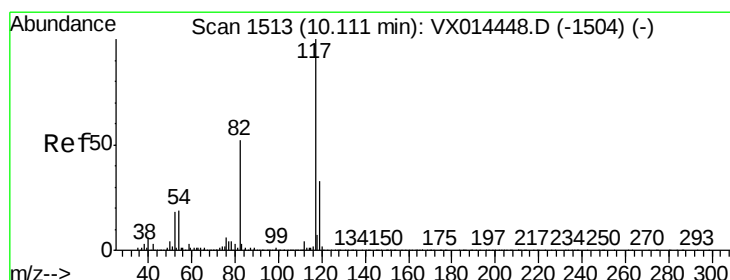
Ion 173.80 (173.50 to 174.50): VX014448.D (-1674) (-)

Ion 175.80 (175.50 to 176.50): VX014448.D (-1674) (-)

Time-->



Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX014585.D

Acq: 13 Jan 2020 14:35

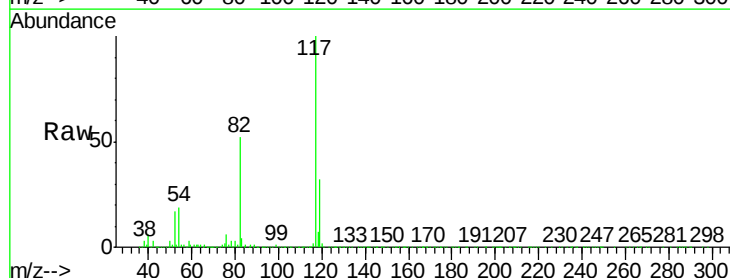
Tgt Ion: 117 Resp: 696751

Ion Ratio Lower Upper

117 100

82 52.3 41.8 62.6

119 32.2 26.2 39.4

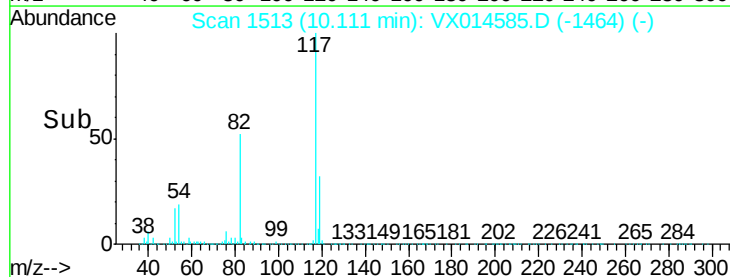


Abundance Ion 116.90 (116.60 to 117.60): VX014448.D (-1504) (-)

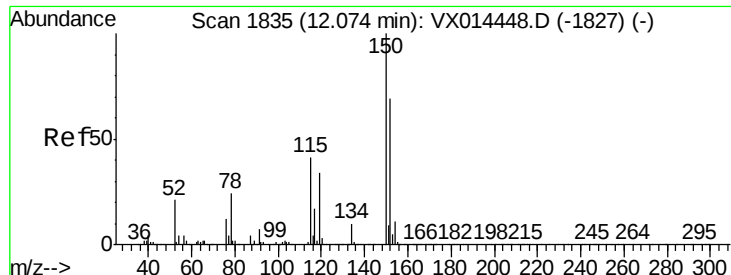
Ion 82.00 (81.70 to 82.70): VX014448.D (-1504) (-)

Ion 118.90 (118.60 to 119.60): VX014448.D (-1504) (-)

Time-->



Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX014585.D

Acq: 13 Jan 2020 14:35

Instrument :

MSVOA_X

ClientSampleId :

GRAVEL-SOIL

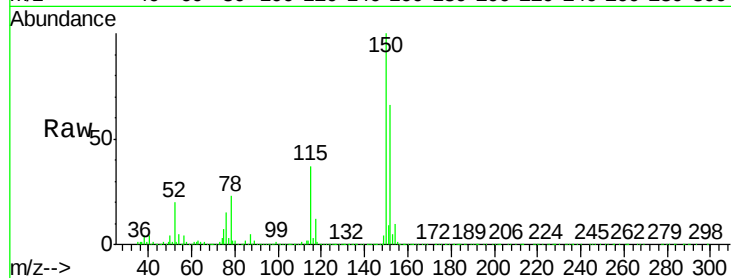
Tot Ion:152 Resp: 321618

Ion Ratio Lower Upper

152 100

115 55.1 39.5 118.3

150 153.9 0.0 350.2



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

