

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052219\
 Data File : VX009801.D
 Acq On : 22 May 2019 14:00
 Operator : JC/SP
 Sample : K2978-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RO-SOIL

Quant Time: May 23 07:43:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

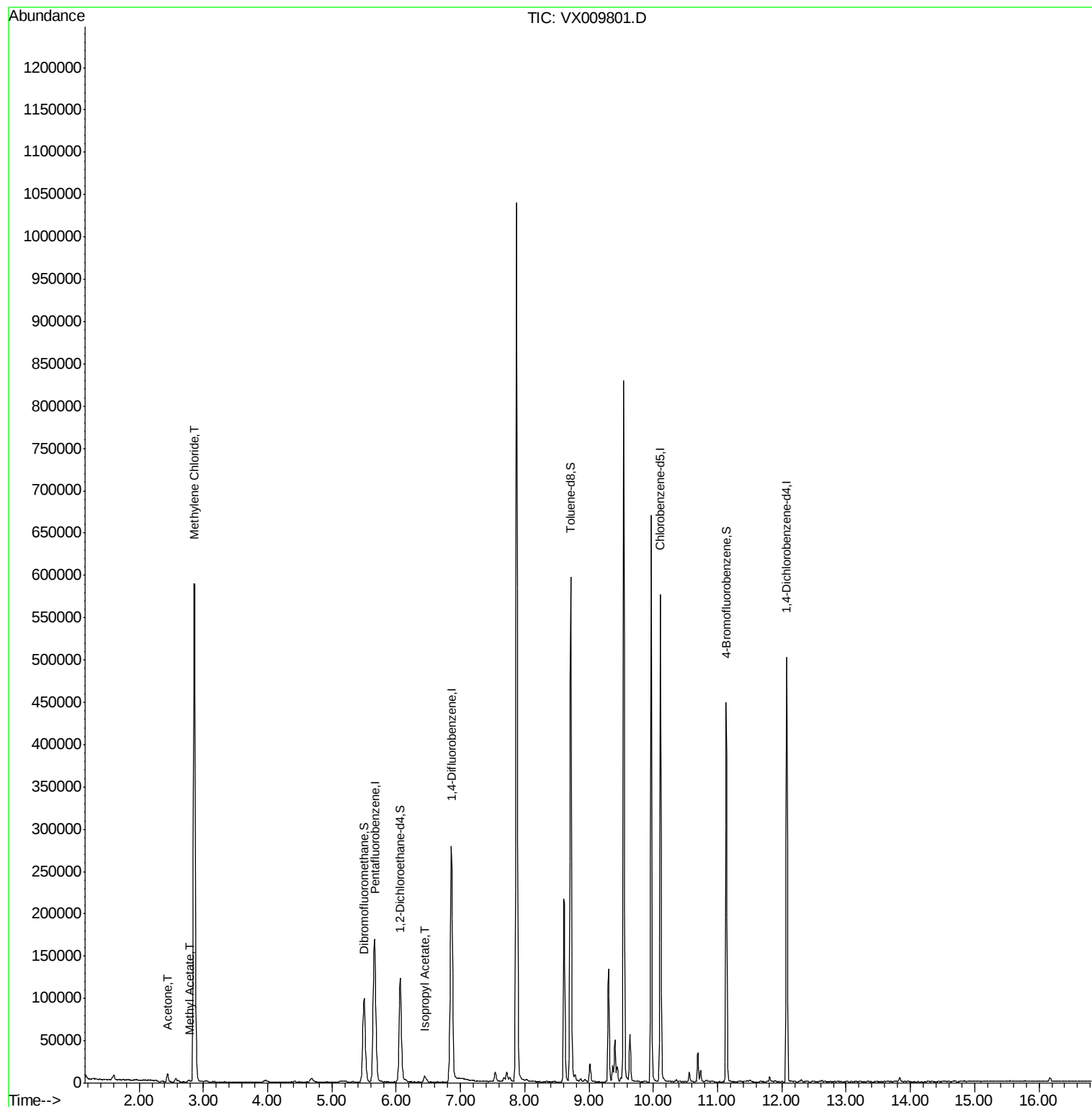
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	167576	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	270750	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	244462	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	102986	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	115352	50.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.84%	
35) Dibromofluoromethane	5.49	113	83606	49.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.24%	
50) Toluene-d8	8.71	98	346966	50.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.98%	
62) 4-Bromofluorobenzene	11.13	95	115728	46.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.70%	
Target Compounds						
16) Acetone	2.44	43	10715	8.723	ug/l	96
18) Methyl Acetate	2.78	43	3713	1.271	ug/l	99
20) Methylene Chloride	2.86	84	268944	135.223	ug/l	96
43) Isopropyl Acetate	6.45	43	11019	1.965	ug/l	99

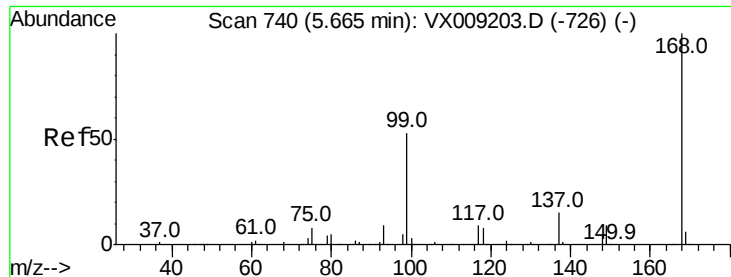
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 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: VX009801.D

Acq: 22 May 2019 14:00

Instrument :

MSVOA_X

ClientSampleId :

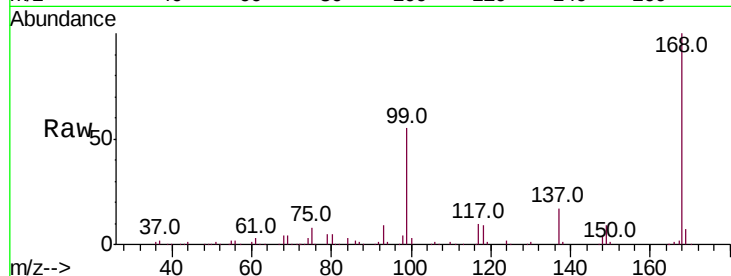
RO-SOIL

Tot Ion:168 Resp: 167576

Ion Ratio Lower Upper

168 100

99 55.5 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): VX009203.D (-726) (-)

Ion 98.90 (98.60 to 99.60): VX009203.D (-726) (-)

5.67

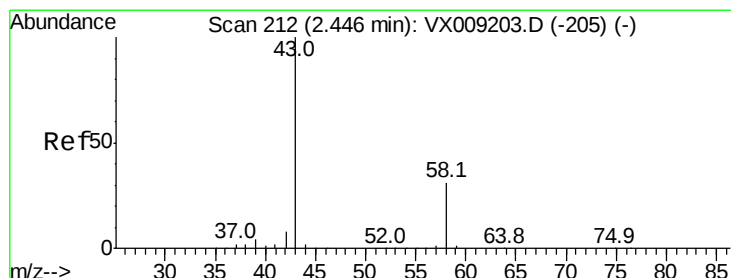
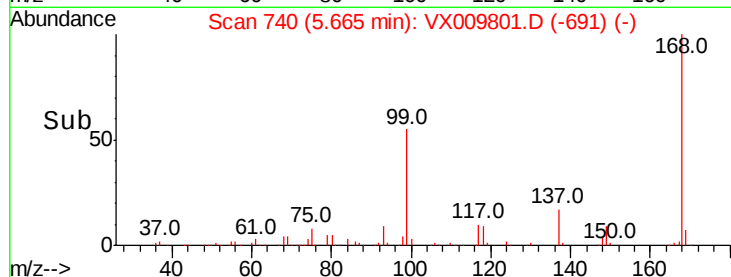
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 8.723 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX009801.D

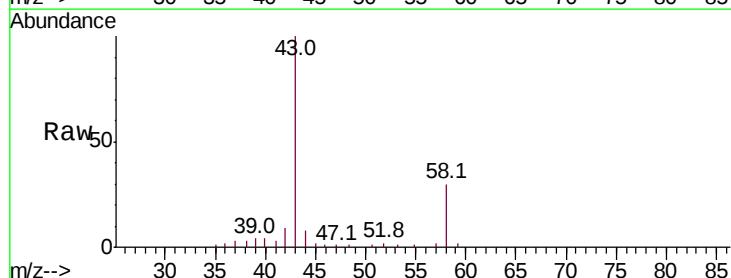
Acq: 22 May 2019 14:00

Tgt Ion: 43 Resp: 10715

Ion Ratio Lower Upper

43 100

58 29.0 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX009203.D (-205) (-)

Ion 58.00 (57.70 to 58.70): VX009203.D (-205) (-)

2.44

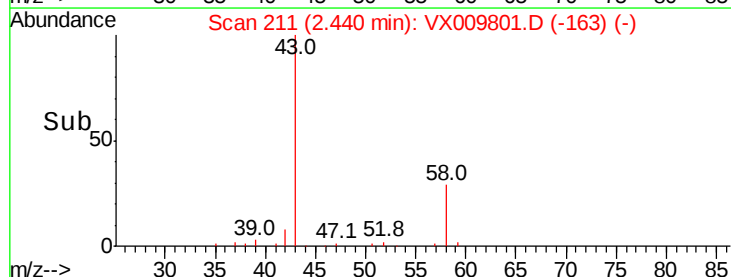
6000

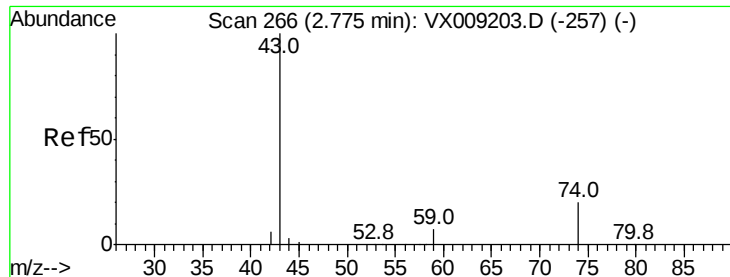
4000

2000

0

Time--> 2.35 2.40 2.45 2.50

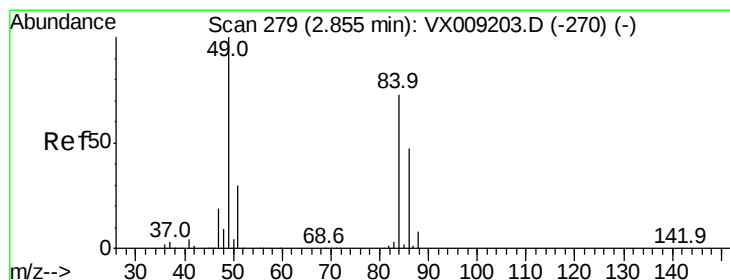
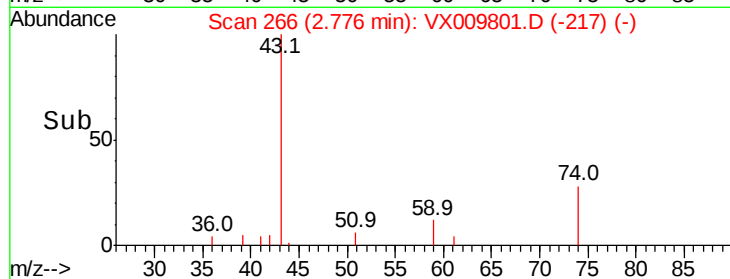
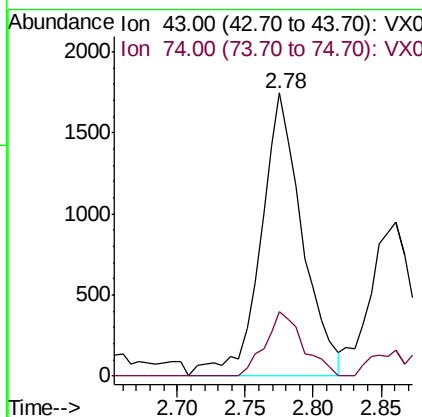
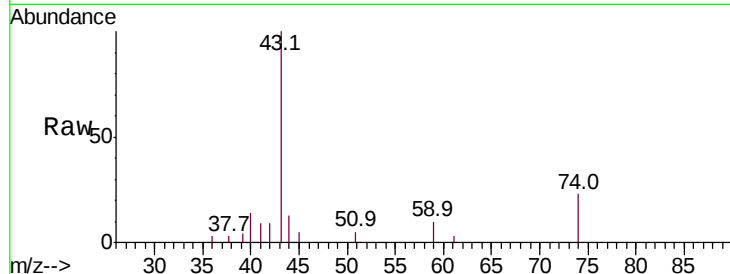




#18
Methvl Acetate
Concen: 1.271 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX009801.D
Acq: 22 May 2019 14:00

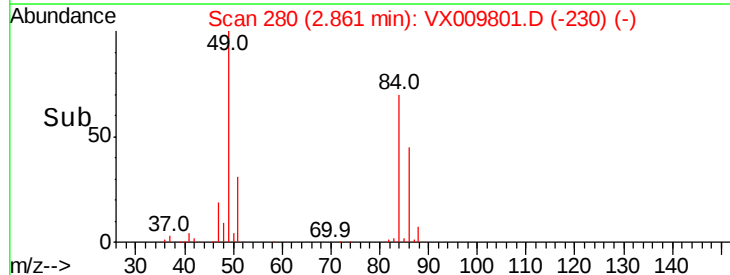
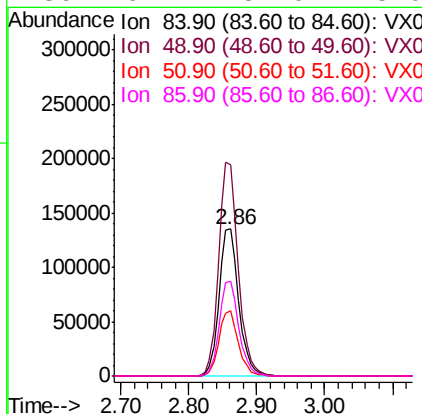
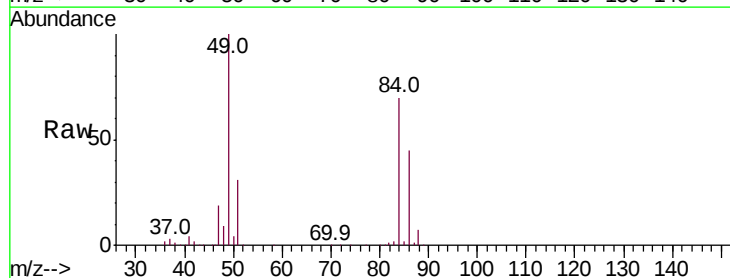
Instrument :
MSVOA_X
ClientSampleId :
RO-SOIL

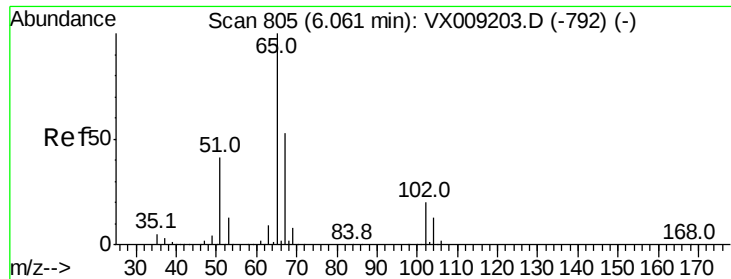
Tot Ion: 43 Resp: 3713
Ion Ratio Lower Upper
43 100
74 20.7 16.2 24.4



#20
Methylene Chloride
Concen: 135.223 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX009801.D
Acq: 22 May 2019 14:00

Tgt Ion: 84 Resp: 268944
Ion Ratio Lower Upper
84 100
49 143.3 109.9 164.9
51 44.5 32.7 49.1
86 64.1 52.0 78.0





#33

1,2-Dichloroethane-d4

Concen: 50.425 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX009801.D

Acq: 22 May 2019 14:00

Instrument :

MSVOA_X

ClientSampleId :

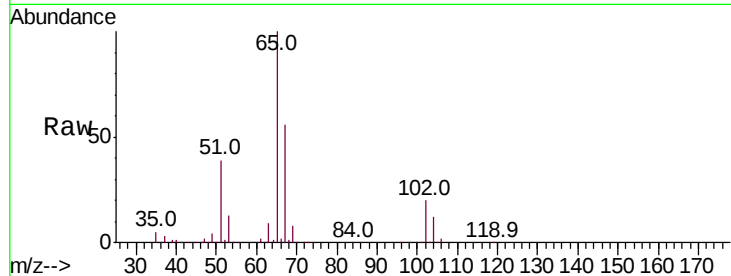
RO-SOIL

Tot Ion: 65 Resp: 115352

Ion Ratio Lower Upper

65 100

67 53.5 0.0 106.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

50000

40000

30000

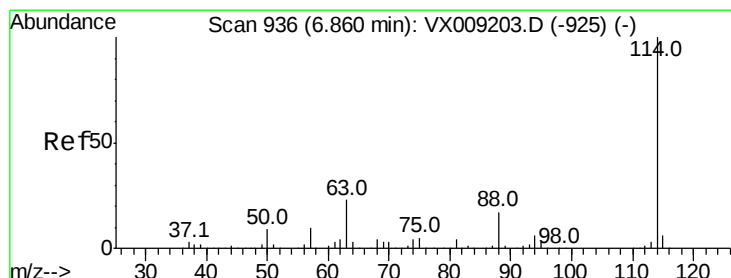
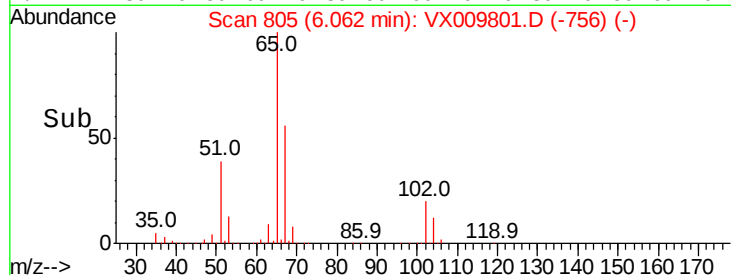
20000

10000

0

Time-->

5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX009801.D

Acq: 22 May 2019 14:00

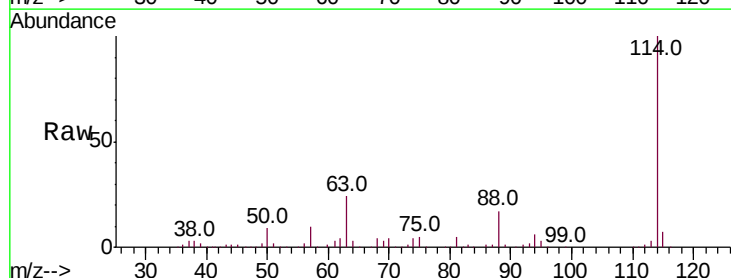
Tgt Ion:114 Resp: 270750

Ion Ratio Lower Upper

114 100

63 23.6 0.0 45.6

88 16.7 0.0 33.2



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

150000

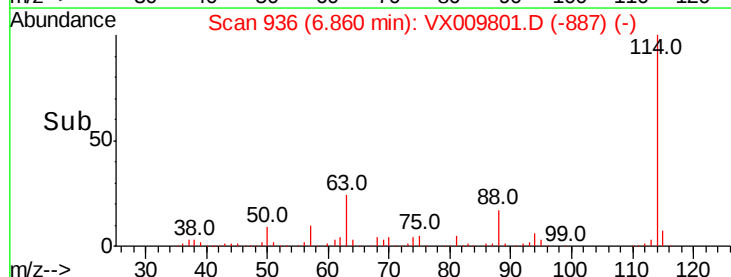
100000

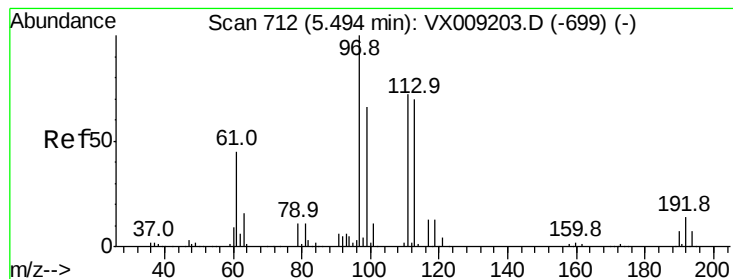
50000

0

Time-->

6.70 6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 49.121 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX009801.D

Acq: 22 May 2019 14:00

Instrument :

MSVOA_X

ClientSampled :

RO-SOIL

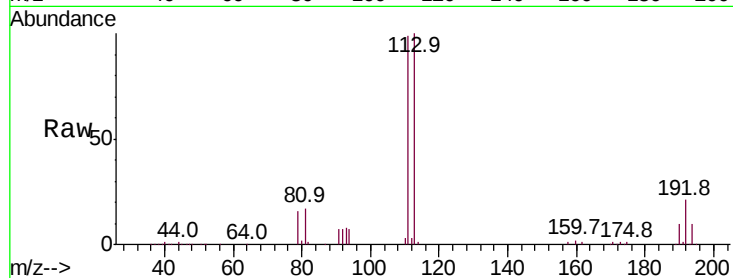
Tot Ion:113 Resp: 83606

Ion Ratio Lower Upper

113 100

111 102.7 82.8 124.2

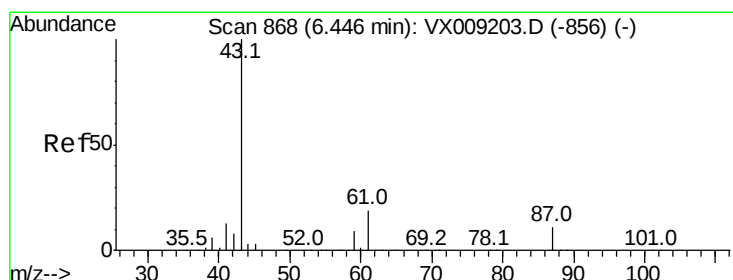
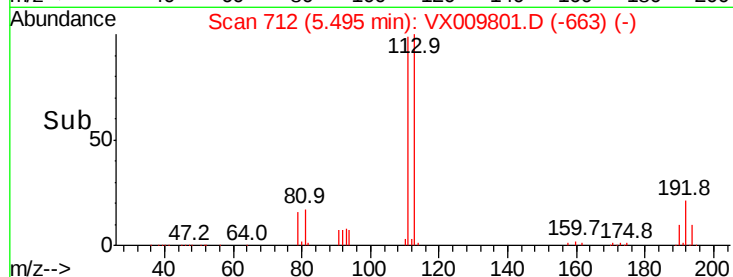
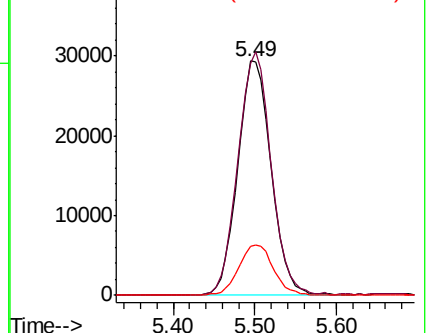
192 22.2 17.0 25.6



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: 1.965 ug/l

RT: 6.45 min Scan# 869

Delta R.T. 0.01 min

Lab File: VX009801.D

Acq: 22 May 2019 14:00

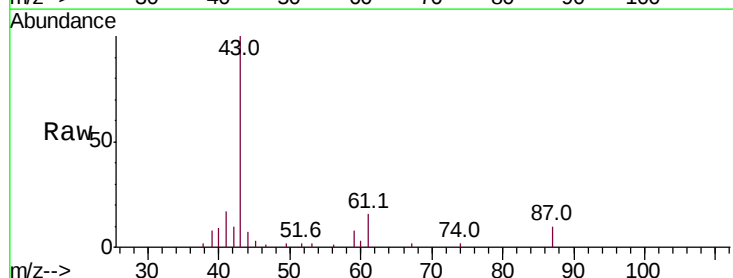
Tgt Ion: 43 Resp: 11019

Ion Ratio Lower Upper

43 100

61 19.2 15.1 22.7

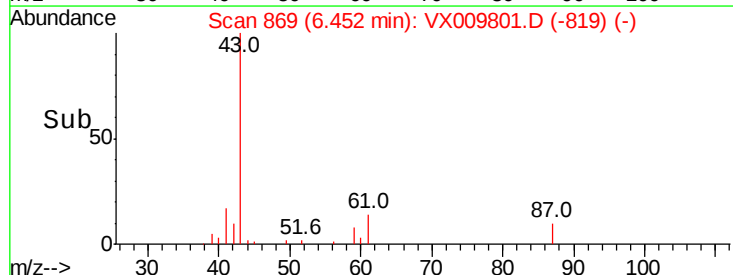
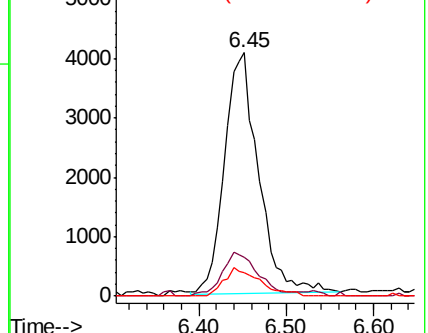
87 12.3 9.0 13.6

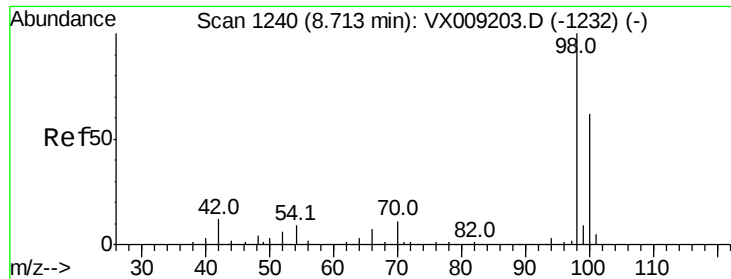


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

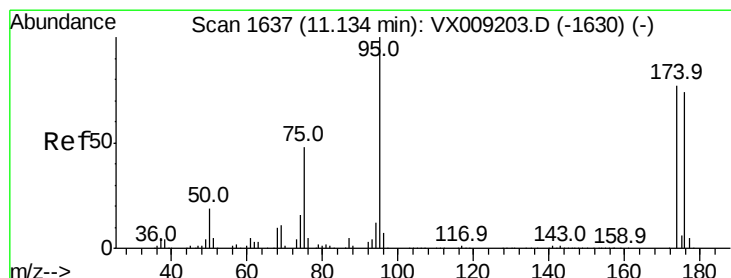
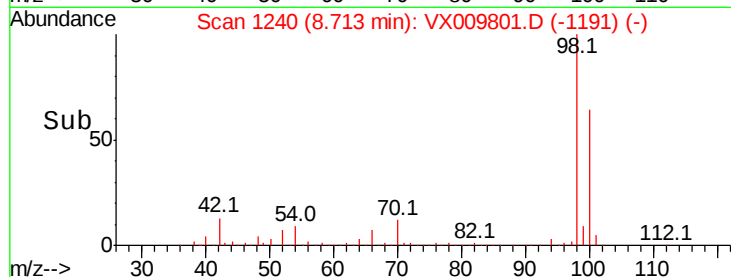
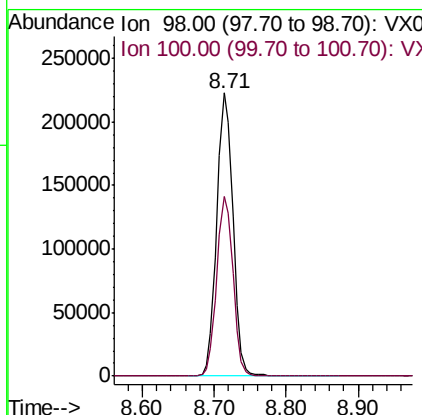
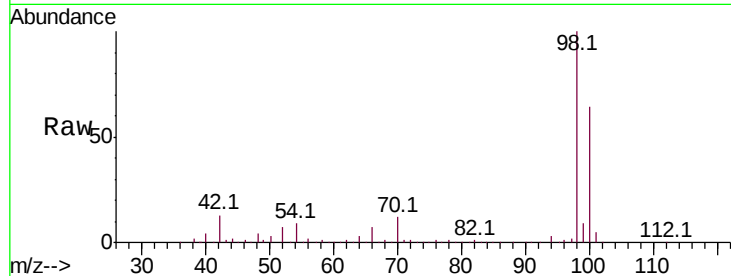




#50
Toluene-d8
Concen: 50.493 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX009801.D
Acq: 22 May 2019 14:00

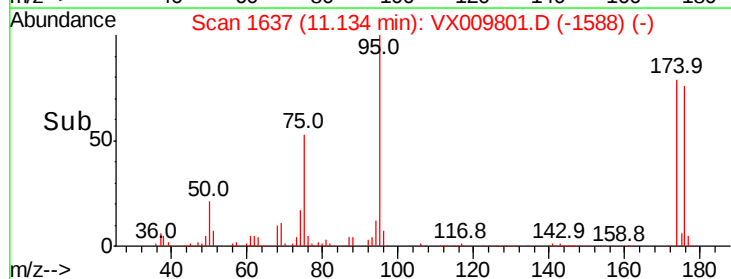
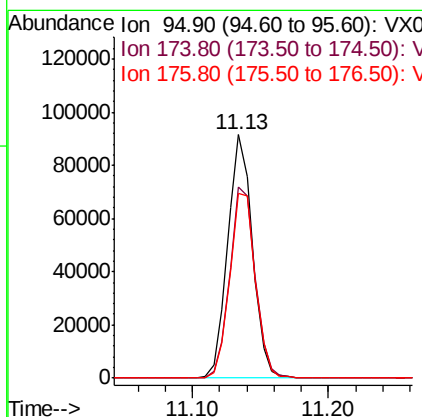
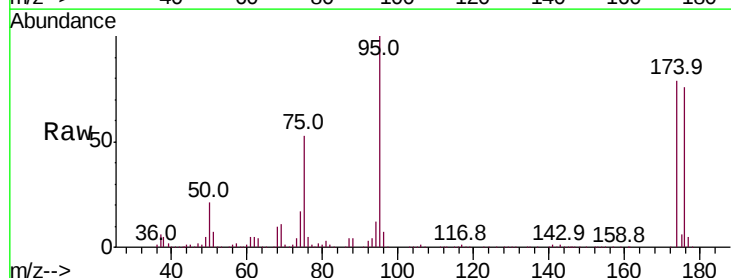
Instrument :
MSVOA_X
ClientSampleId :
RO-SOIL

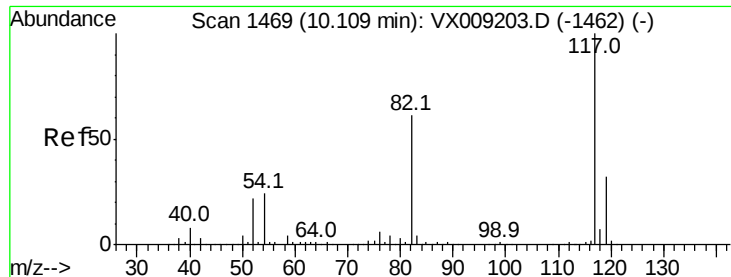
Tot Ion: 98 Resp: 346966
Ion Ratio Lower Upper
98 100
100 64.0 51.2 76.8



#62
4-Bromofluorobenzene
Concen: 46.349 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX009801.D
Acq: 22 May 2019 14:00

Tgt Ion: 95 Resp: 115728
Ion Ratio Lower Upper
95 100
174 80.8 0.0 161.6
176 78.9 0.0 159.2

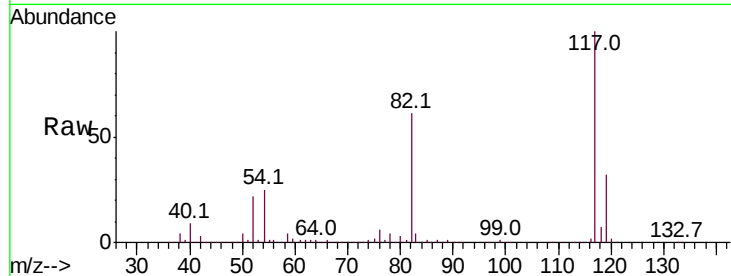




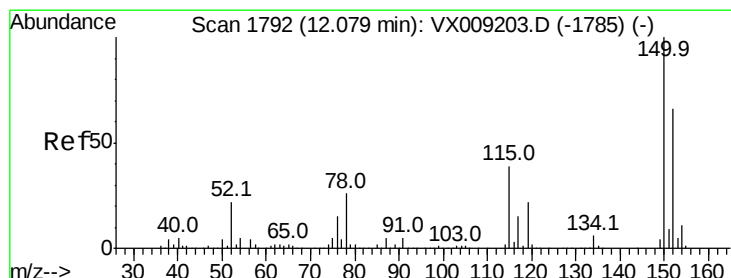
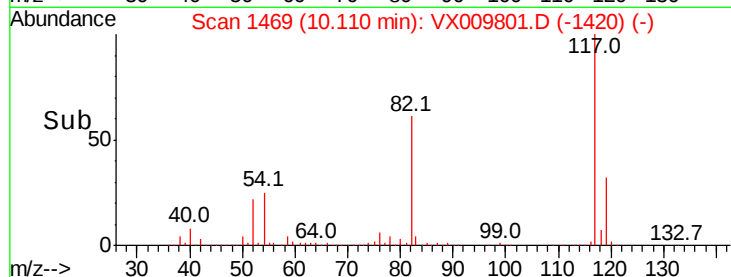
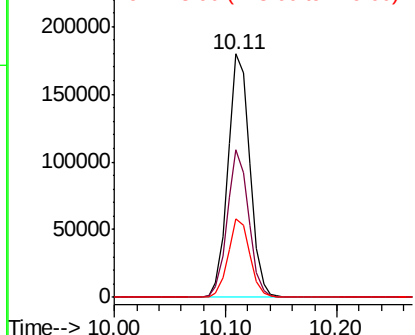
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009801.D
Acq: 22 May 2019 14:00

Instrument :
MSVOA_X
ClientSampled :
RO-SOIL

Tot Ion:117 Resp: 244462
Ion Ratio Lower Upper
117 100
82 60.7 48.8 73.2
119 32.5 25.8 38.6

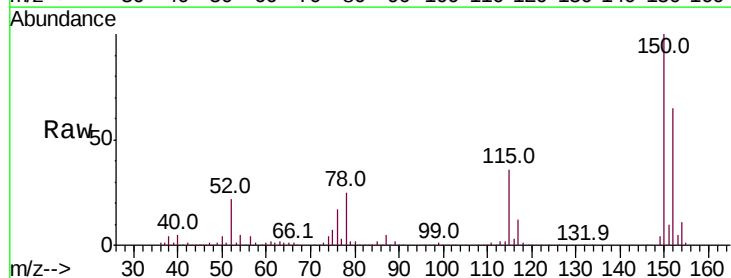


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX009801.D
Acq: 22 May 2019 14:00

Tgt Ion:152 Resp: 102986
Ion Ratio Lower Upper
152 100
115 59.5 41.2 123.6
150 156.2 0.0 346.4



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

