

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051519\
 Data File : VX009592.D
 Acq On : 15 May 2019 19:54
 Operator : JC/SP
 Sample : K2851-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SOIL-COMP

Quant Time: May 16 02:28:22 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

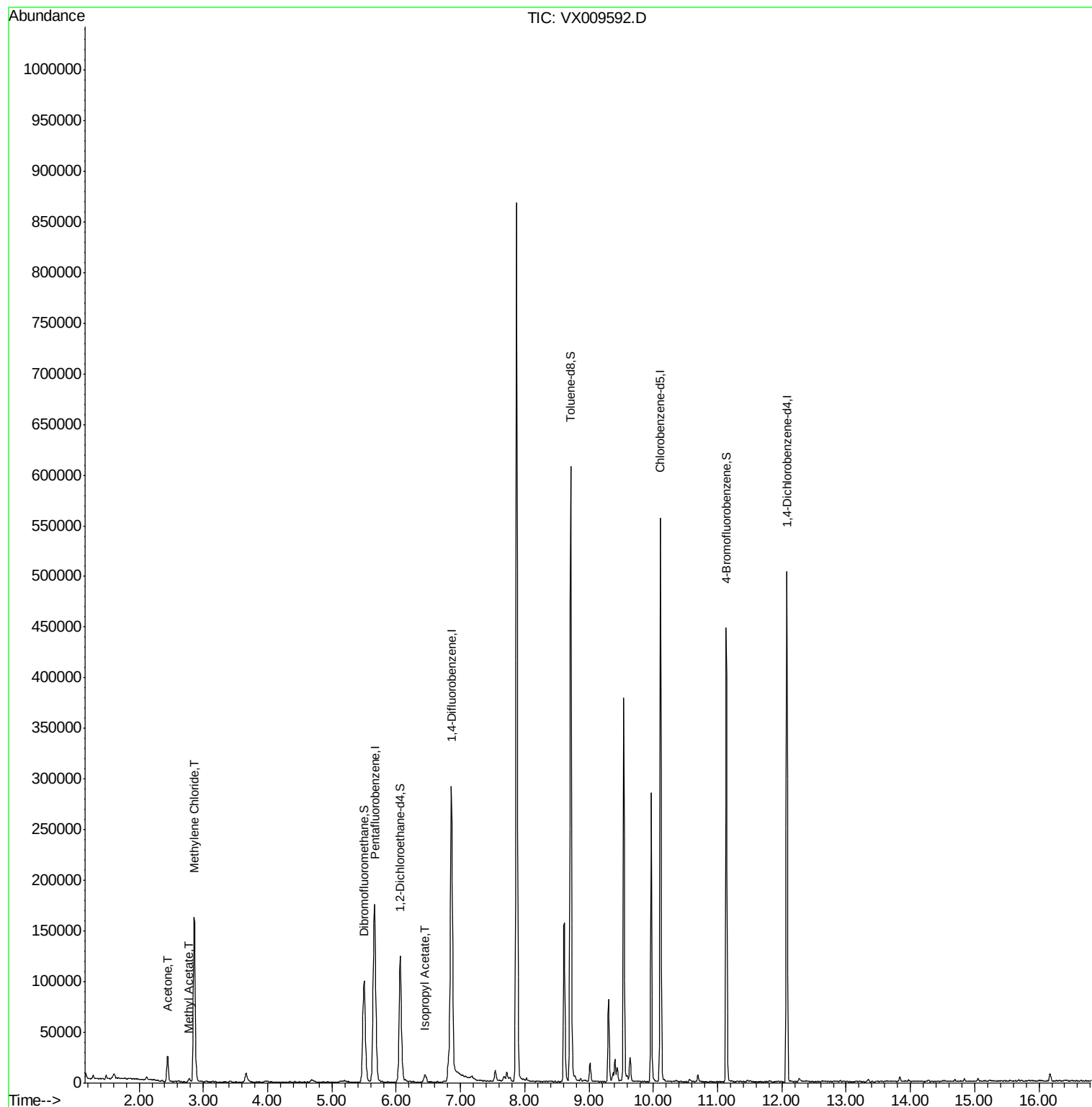
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	172310	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	273863	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	244375	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	103614	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	115454	49.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.16%	
35) Dibromofluoromethane	5.50	113	84333	48.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.96%	
50) Toluene-d8	8.71	98	348234	50.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.20%	
62) 4-Bromofluorobenzene	11.13	95	113468	44.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.86%	
Target Compounds						
16) Acetone	2.44	43	28538	22.594	ug/l	96
18) Methyl Acetate	2.78	43	5055	1.683	ug/l	100
20) Methylene Chloride	2.86	84	73789	36.081	ug/l	98
43) Isopropyl Acetate	6.45	43	10523	1.855	ug/l	99

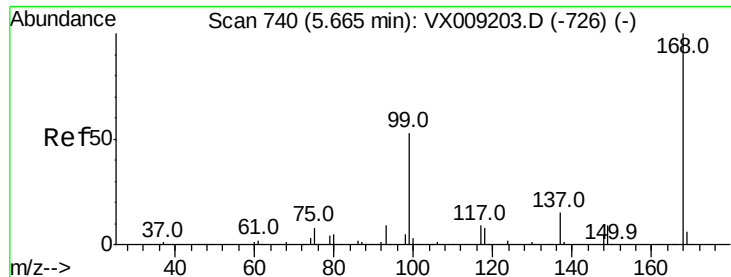
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX009592.D

Acq: 15 May 2019 19:54

Instrument :

MSVOA_X

ClientSampleId :

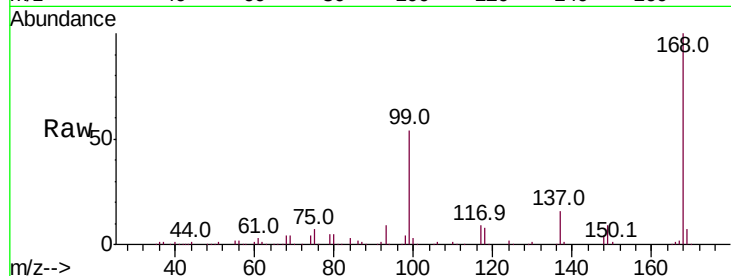
SOIL-COMP

Tot Ion:168 Resp: 172310

Ion Ratio Lower Upper

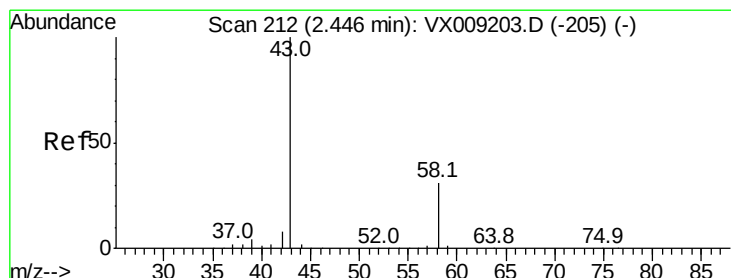
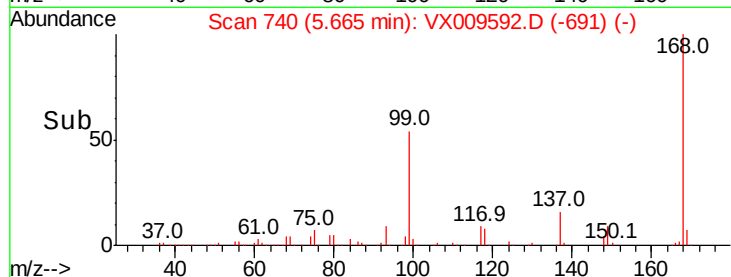
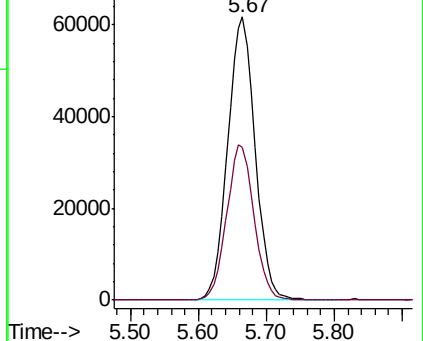
168 100

99 53.9 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 22.594 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX009592.D

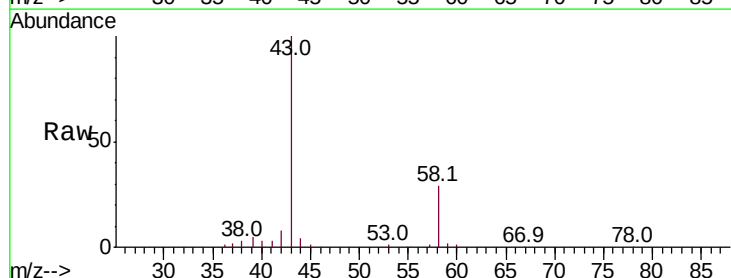
Acq: 15 May 2019 19:54

Tgt Ion: 43 Resp: 28538

Ion Ratio Lower Upper

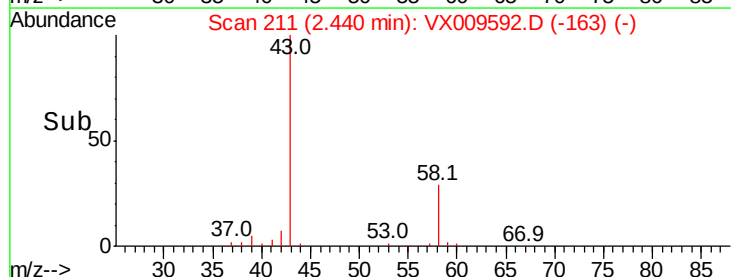
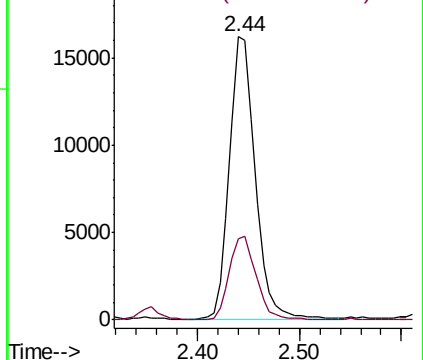
43 100

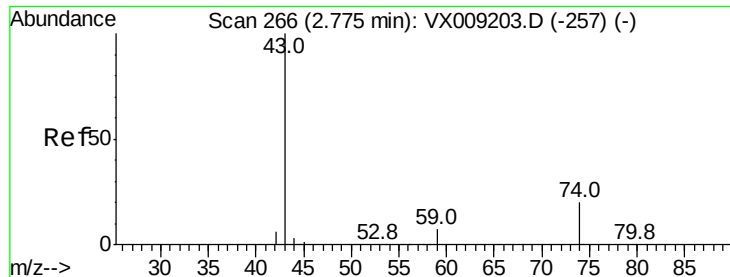
58 28.7 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

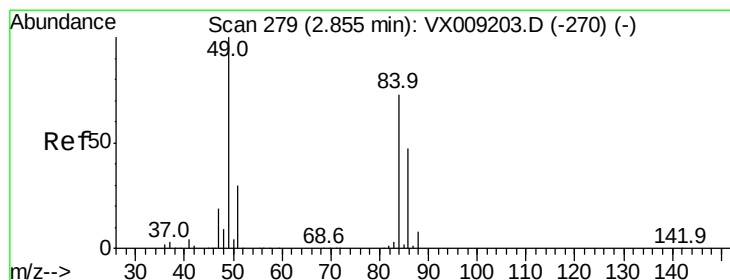
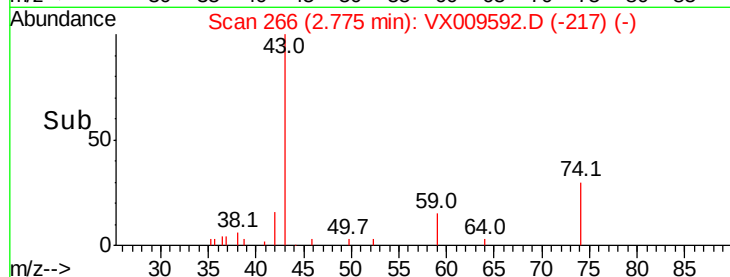
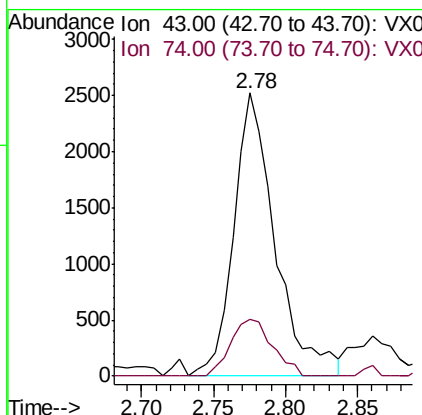
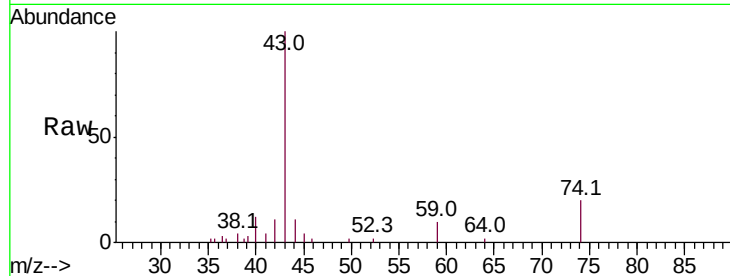




#18
Methvl Acetate
Concen: 1.683 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX009592.D
Acq: 15 May 2019 19:54

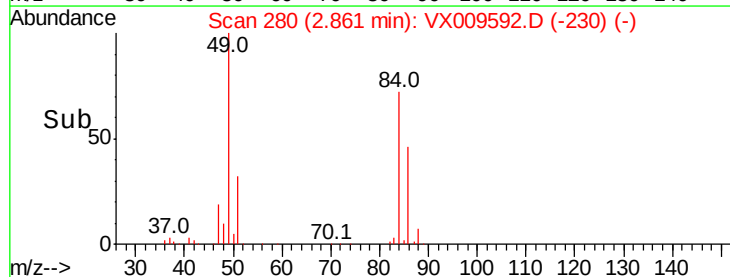
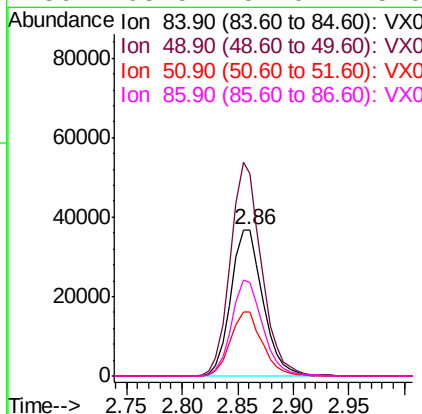
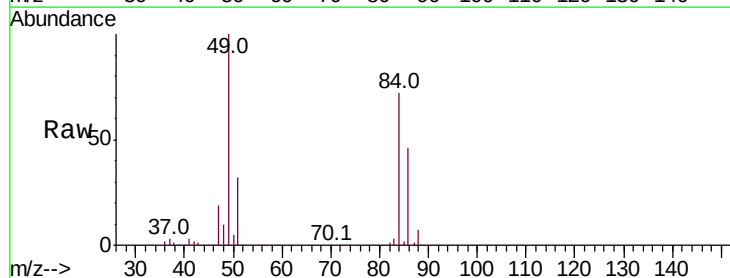
Instrument :
MSVOA_X
ClientSampleId :
SOIL-COMP

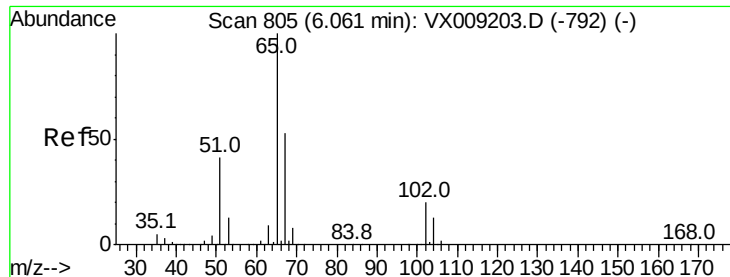
Tot Ion: 43 Resp: 5055
Ion Ratio Lower Upper
43 100
74 20.3 16.2 24.4



#20
Methylene Chloride
Concen: 36.081 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX009592.D
Acq: 15 May 2019 19:54

Tgt Ion: 84 Resp: 73789
Ion Ratio Lower Upper
84 100
49 138.0 109.9 164.9
51 43.7 32.7 49.1
86 63.5 52.0 78.0

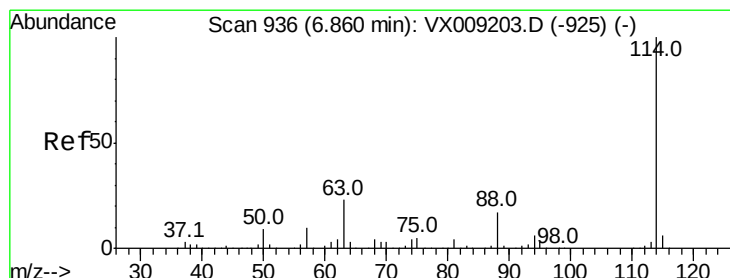
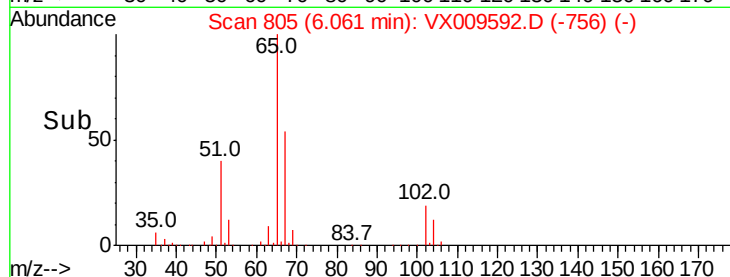
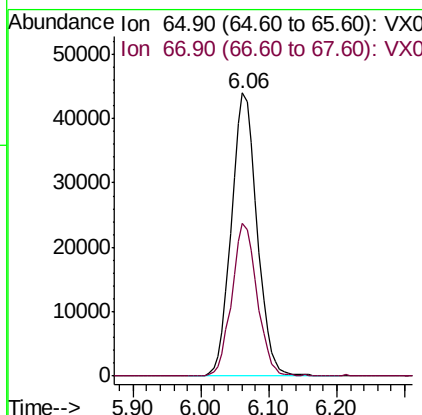
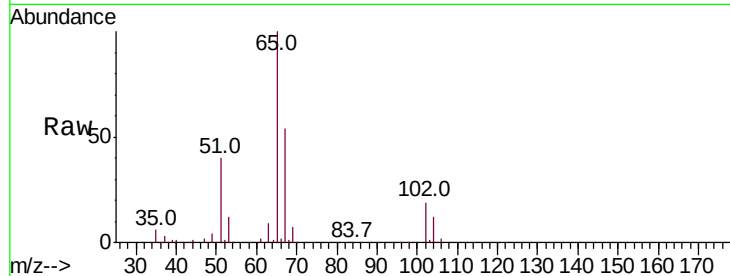




#33
 1,2-Dichloroethane-d4
 Concen: 49.083 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX009592.D
 Acq: 15 May 2019 19:54

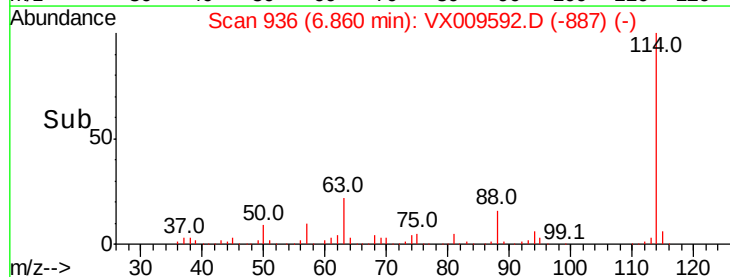
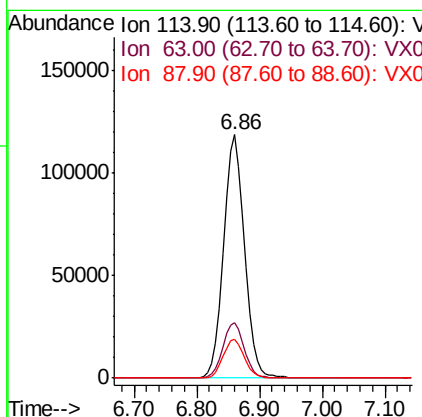
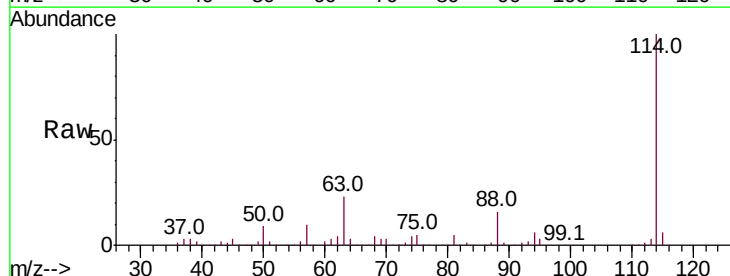
Instrument :
 MSVOA_X
 ClientSampleId :
 SOIL-COMP

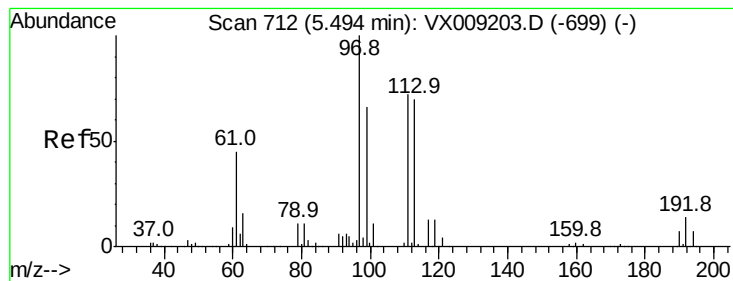
Tot Ion: 65 Resp: 115454
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX009592.D
 Acq: 15 May 2019 19:54

Tgt Ion: 114 Resp: 273863
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 45.6
 88 16.1 0.0 33.2





#35

Dibromofluoromethane

Concen: 48.985 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX009592.D

Acq: 15 May 2019 19:54

Instrument :

MSVOA_X

ClientSampleId :

SOIL-COMP

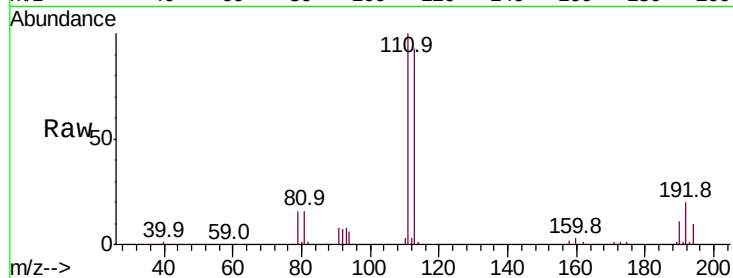
Tot Ion:113 Resp: 84333

Ion Ratio Lower Upper

113 100

111 103.8 82.8 124.2

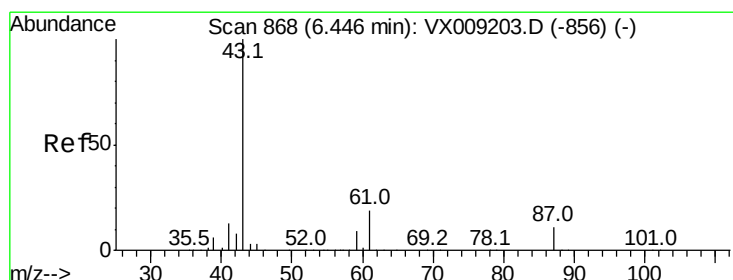
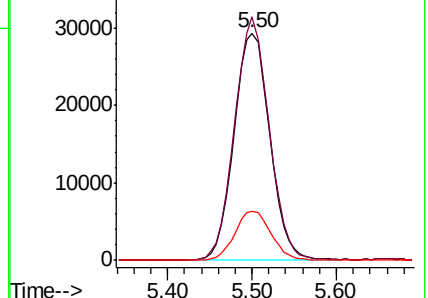
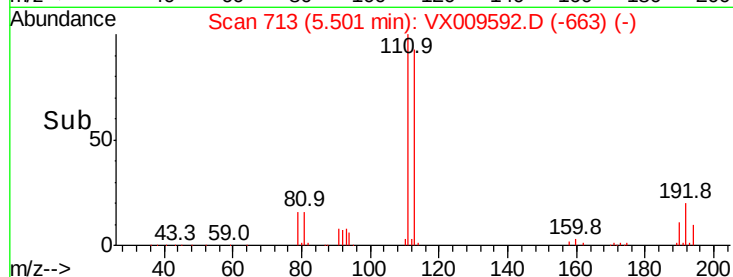
192 21.8 17.0 25.6



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: 1.855 ug/l

RT: 6.45 min Scan# 869

Delta R.T. 0.01 min

Lab File: VX009592.D

Acq: 15 May 2019 19:54

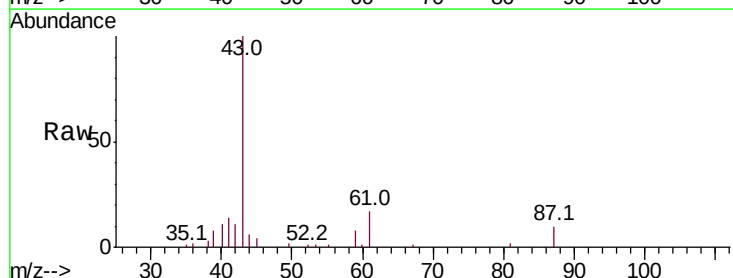
Tgt Ion: 43 Resp: 10523

Ion Ratio Lower Upper

43 100

61 18.5 15.1 22.7

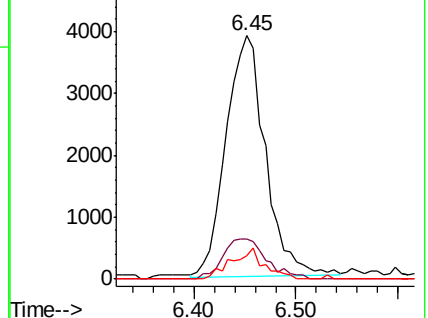
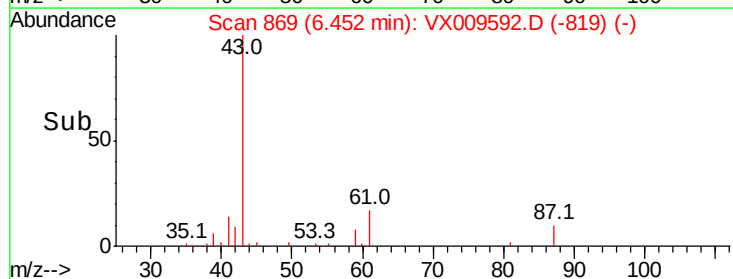
87 10.5 9.0 13.6

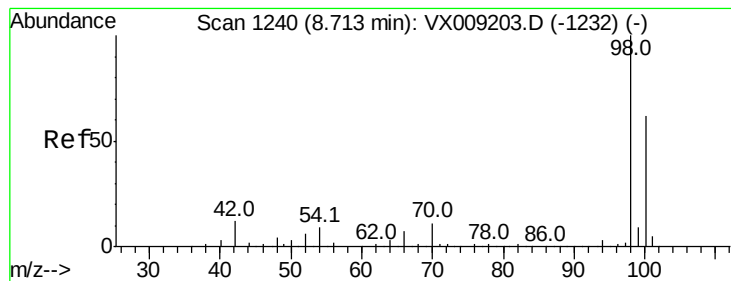


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#50

Toluene-d8

Concen: 50.101 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX009592.D

Acq: 15 May 2019 19:54

Instrument :

MSVOA_X

ClientSampled :

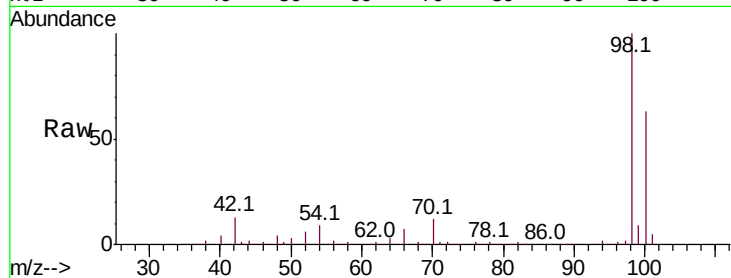
SOIL-COMP

Tot Ion: 98 Resp: 348234

Ion Ratio Lower Upper

98 100

100 64.0 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

250000

200000

150000

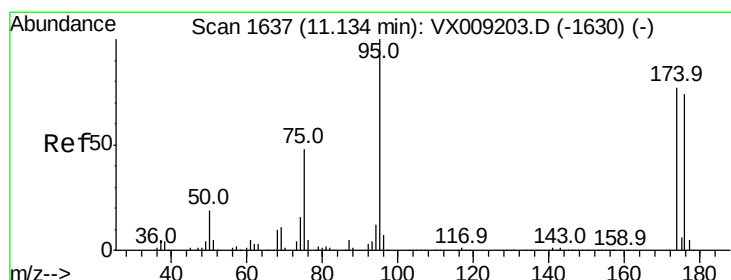
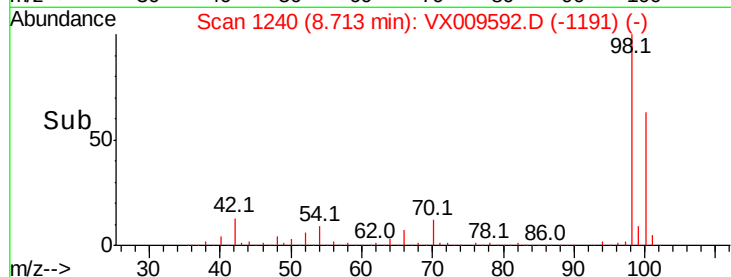
100000

50000

0

8.60 8.70 8.80 8.90

Time-->



#62

4-Bromofluorobenzene

Concen: 44.928 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009592.D

Acq: 15 May 2019 19:54

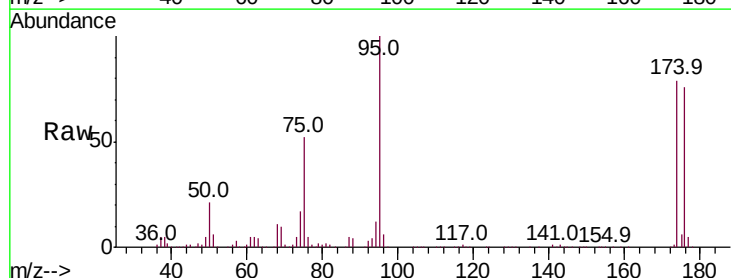
Tgt Ion: 95 Resp: 113468

Ion Ratio Lower Upper

95 100

174 84.6 0.0 161.6

176 81.0 0.0 159.2



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

120000

100000

80000

60000

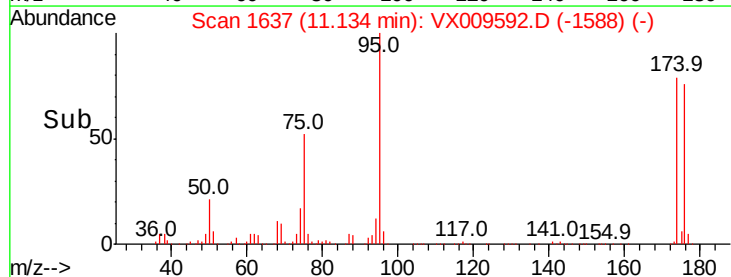
40000

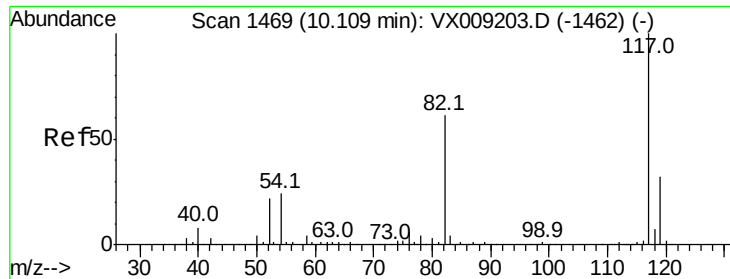
20000

0

11.10 11.13 11.16 11.19

Time-->

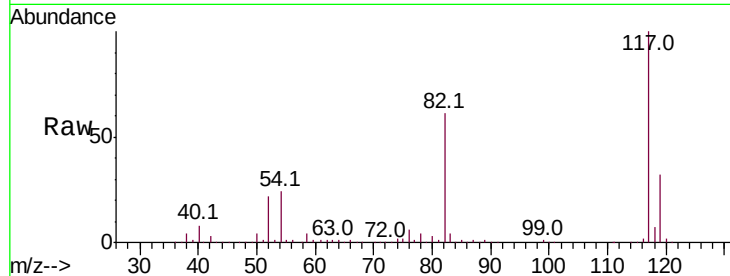




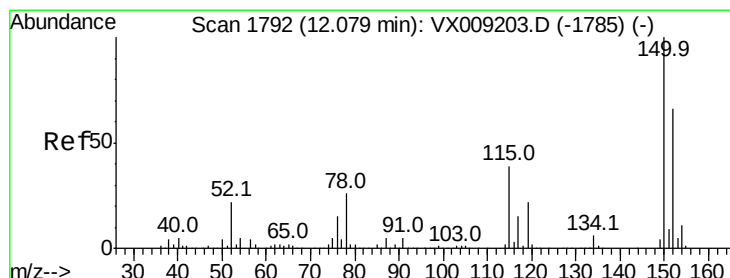
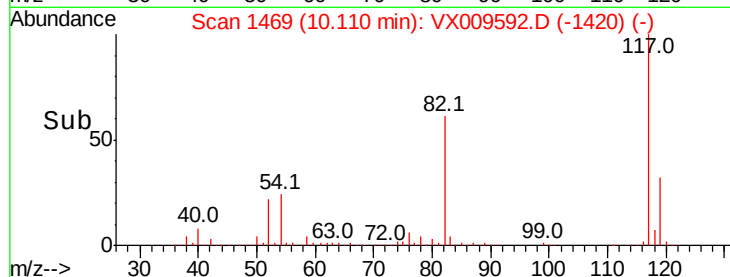
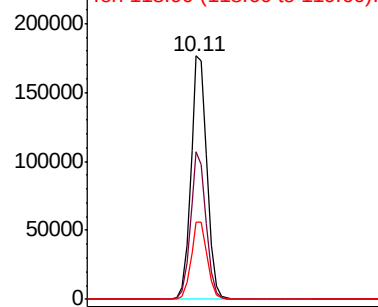
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009592.D
Acq: 15 May 2019 19:54

Instrument :
MSVOA_X
ClientSampleId :
SOIL-COMP

Tot Ion:117 Resp: 244375
Ion Ratio Lower Upper
117 100
82 60.6 48.8 73.2
119 31.9 25.8 38.6

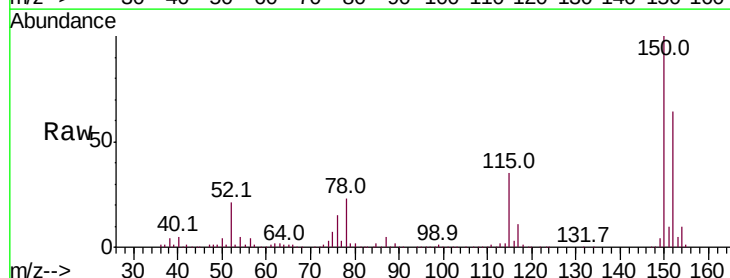


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX009592.D
Acq: 15 May 2019 19:54

Tgt Ion:152 Resp: 103614
Ion Ratio Lower Upper
152 100
115 58.3 41.2 123.6
150 156.4 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

