

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051419\
 Data File : VX009558.D
 Acq On : 14 May 2019 13:03
 Operator : JC/SP
 Sample : K2837-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SOIL-COMP

Quant Time: May 15 08:28:01 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	5.66	168	189200	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	305542	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	269551	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	114895	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	124429	48.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.36%	
35) Dibromofluoromethane	5.50	113	92725	48.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.56%	
50) Toluene-d8	8.71	98	385065	49.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.32%	
62) 4-Bromofluorobenzene	11.13	95	126526	44.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.80%	

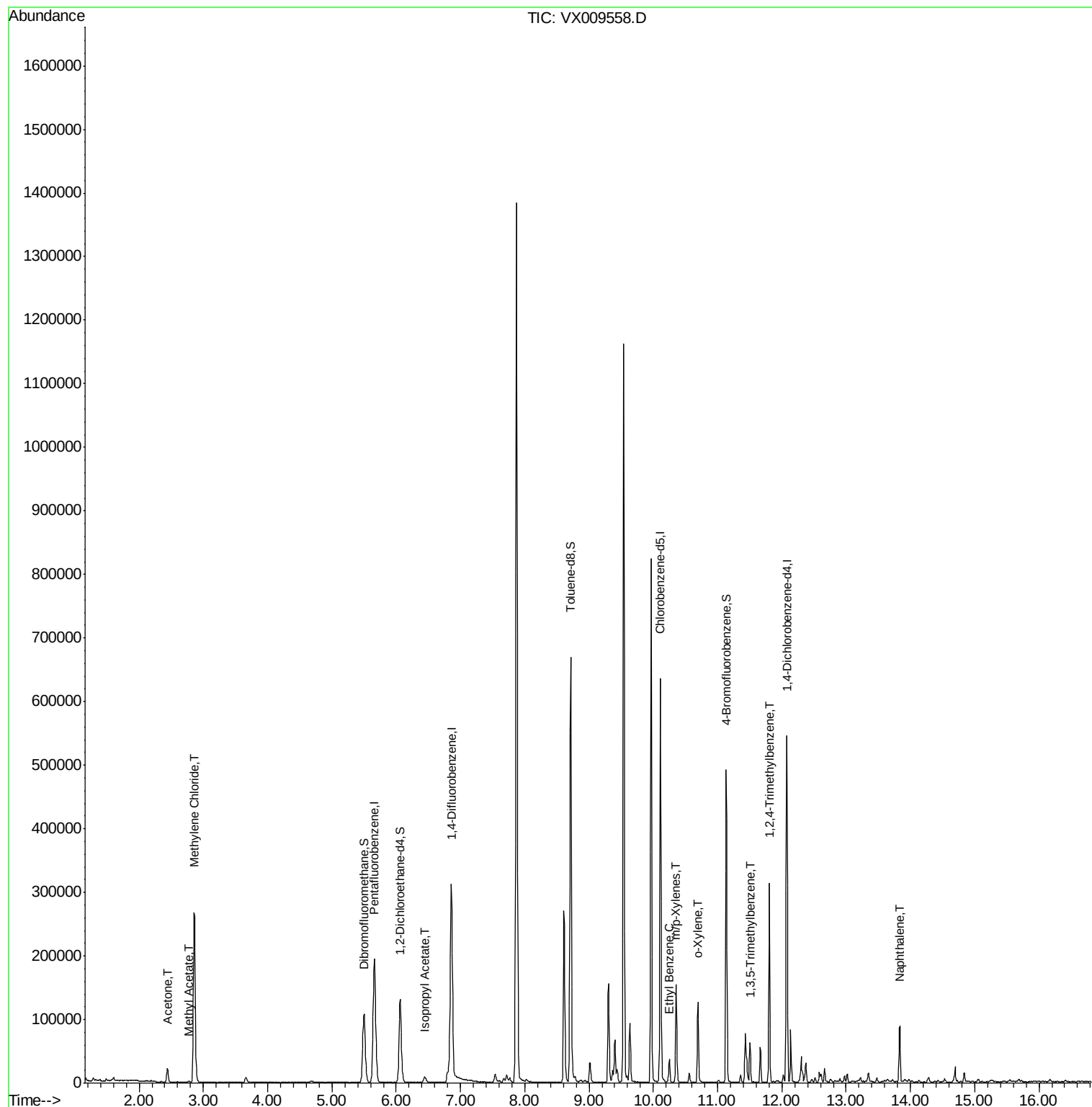
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.44	43	24099	17.377	ug/l	97
18) Methyl Acetate	2.77	43	3401	1.031	ug/l	98
20) Methylene Chloride	2.86	84	124044	55.240	ug/l	98
43) Isopropyl Acetate	6.45	43	12394	1.959	ug/l	97
67) Ethyl Benzene	10.25	91	20390	2.055	ug/l	98
68) m/p-Xylenes	10.35	106	34916	9.628	ug/l	99
69) o-Xylene	10.69	106	15577	4.354	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	26060	3.704	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	126643	17.935	ug/l	99
95) Naphthalene	13.83	128	53708	6.411	ug/l	99

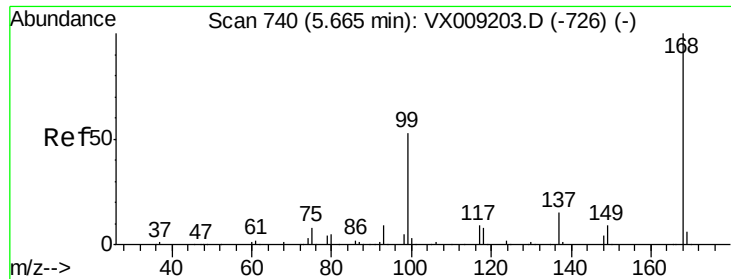
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX051419\
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Quant Time: May 15 08:28:01 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

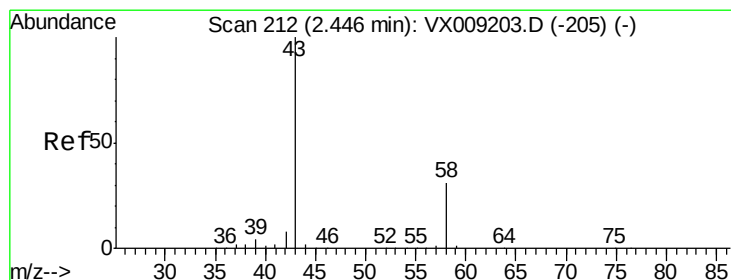
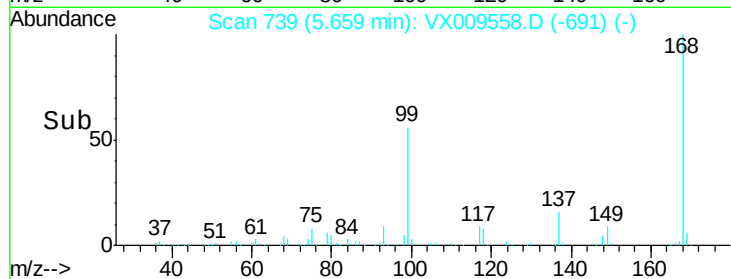
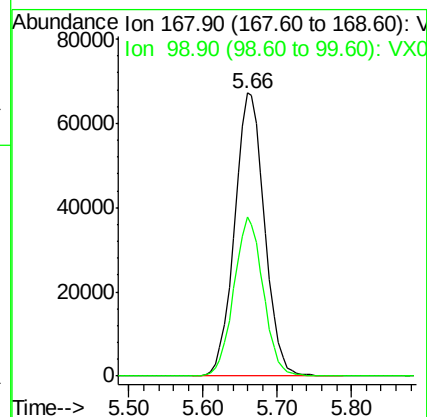
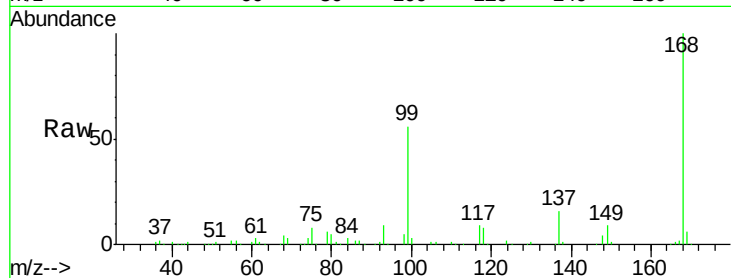




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.01 min
Lab File: VX009558.D
Acq: 14 May 2019 13:03

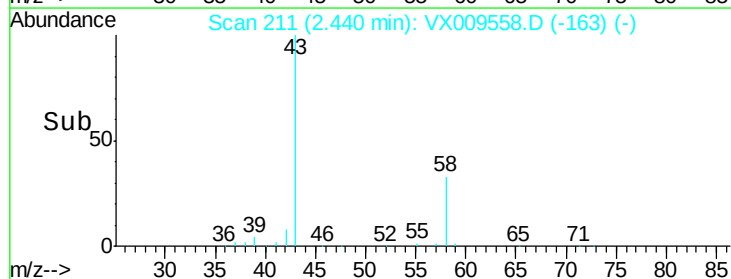
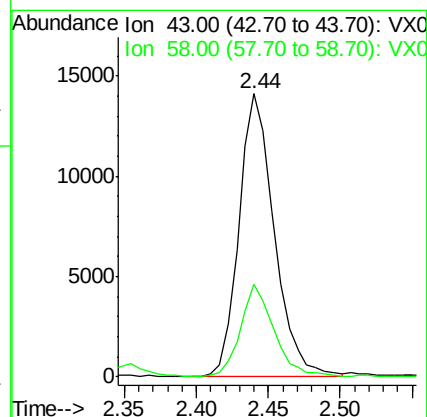
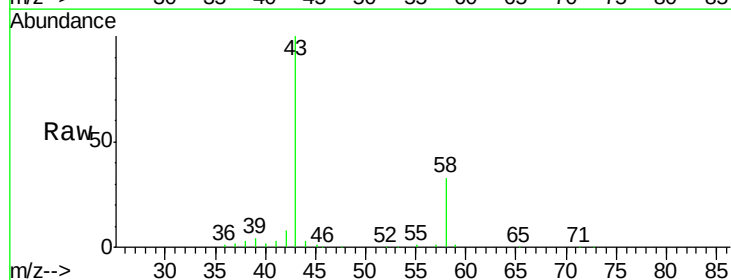
Instrument :
MSVOA_X
ClientSampleId :
SOIL-COMP

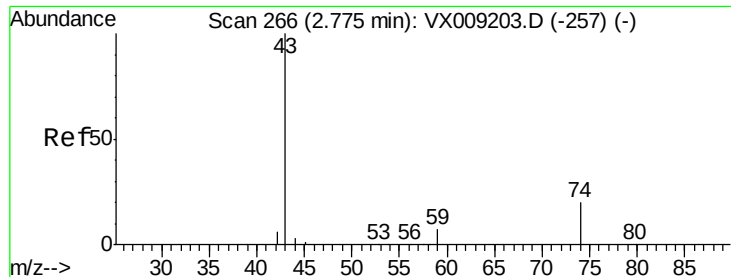
Tot Ion:168 Resp: 189200
Ion Ratio Lower Upper
168 100
99 56.2 42.3 63.5



#16
Acetone
Concen: 17.377 ug/l
RT: 2.44 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX009558.D
Acq: 14 May 2019 13:03

Tgt Ion: 43 Resp: 24099
Ion Ratio Lower Upper
43 100
58 32.7 24.9 37.3

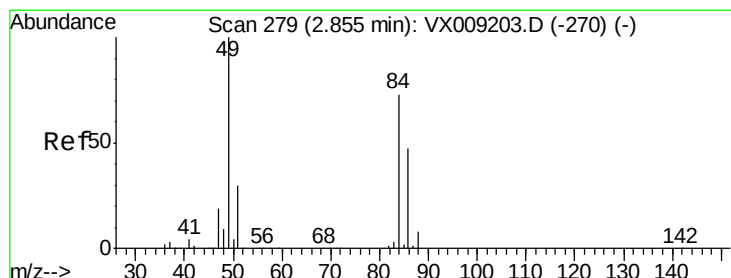
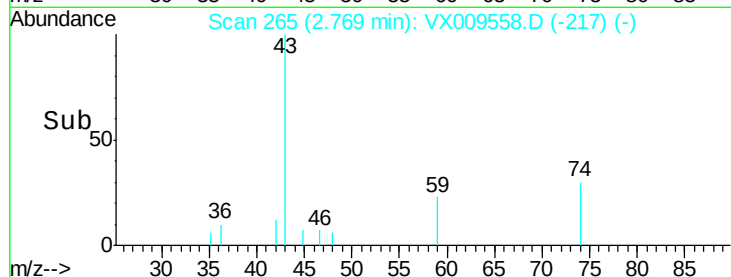
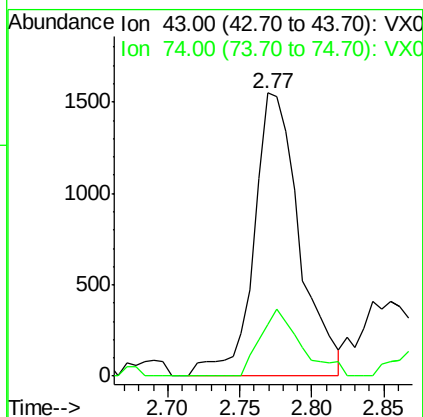
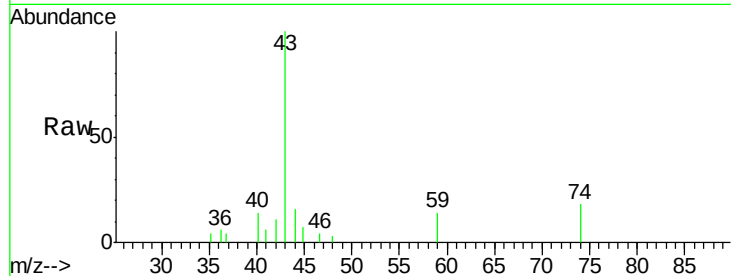




#18
Methvl Acetate
Concen: 1.031 ug/l
RT: 2.77 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX009558.D
Acq: 14 May 2019 13:03

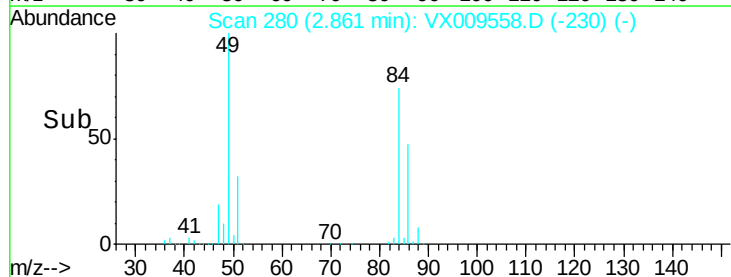
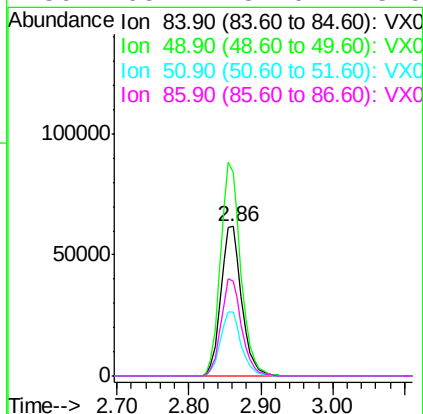
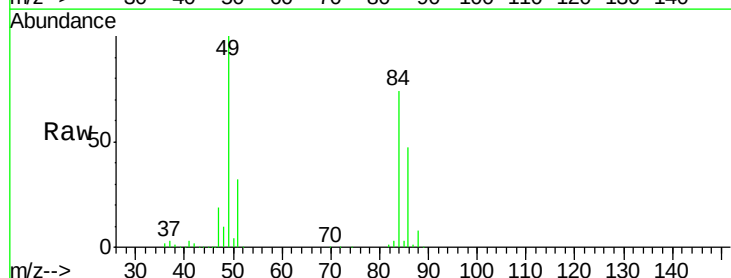
Instrument :
MSVOA_X
ClientSampled :
SOIL-COMP

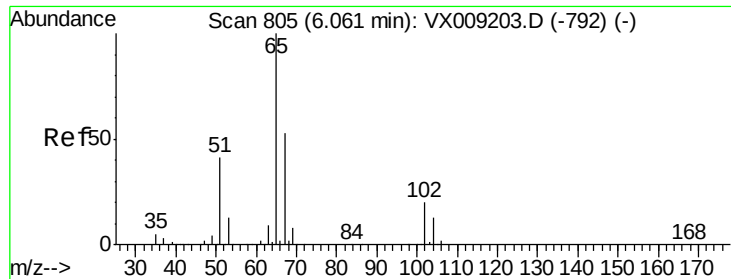
Tot Ion: 43 Resp: 3401
Ion Ratio Lower Upper
43 100
74 21.3 16.2 24.4



#20
Methylene Chloride
Concen: 55.240 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX009558.D
Acq: 14 May 2019 13:03

Tgt Ion: 84 Resp: 124044
Ion Ratio Lower Upper
84 100
49 135.9 109.9 164.9
51 43.1 32.7 49.1
86 63.7 52.0 78.0

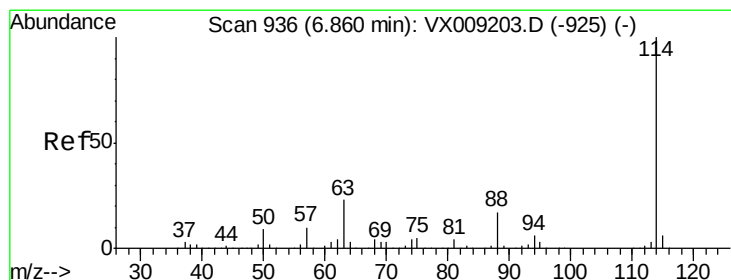
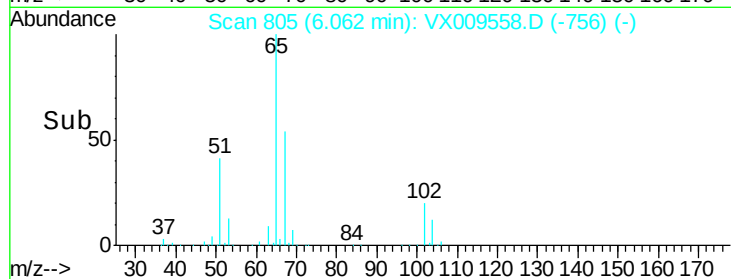
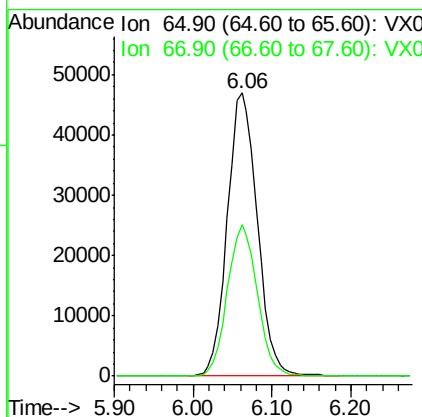
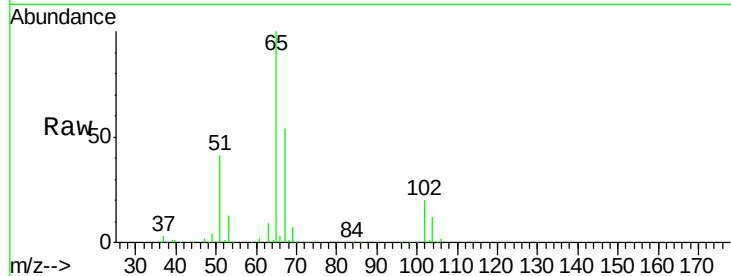




#33
 1,2-Dichloroethane-d4
 Concen: 48.176 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX009558.D
 Acq: 14 May 2019 13:03

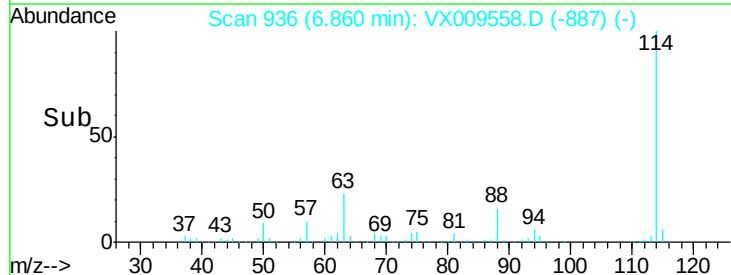
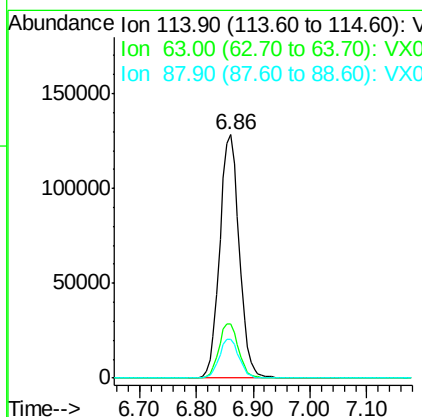
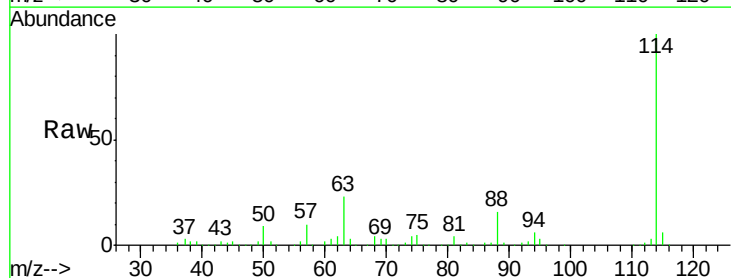
Instrument :
 MSVOA_X
 ClientSampled :
 SOIL-COMP

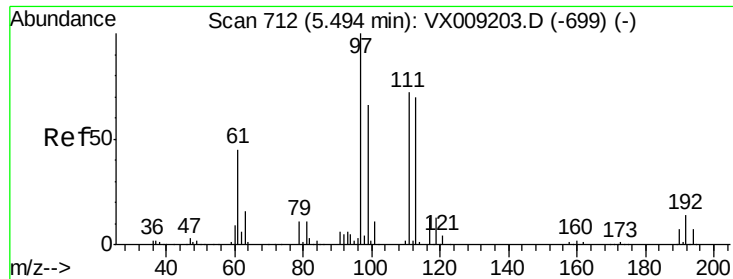
Tot Ion: 65 Resp: 124429
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX009558.D
 Acq: 14 May 2019 13:03

Tgt Ion: 114 Resp: 305542
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 45.6
 88 15.9 0.0 33.2

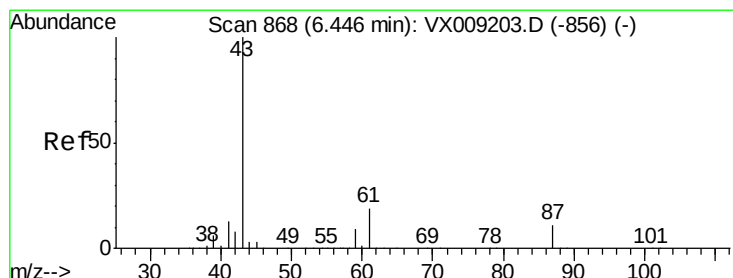
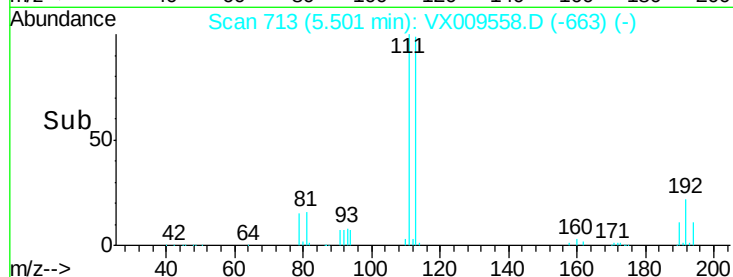
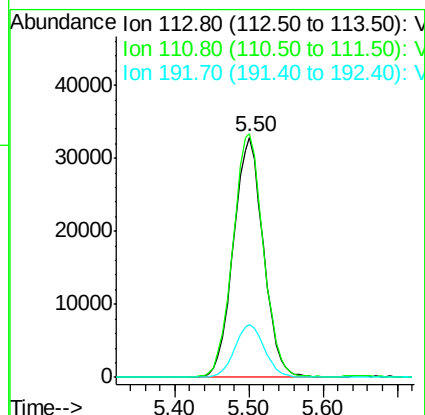
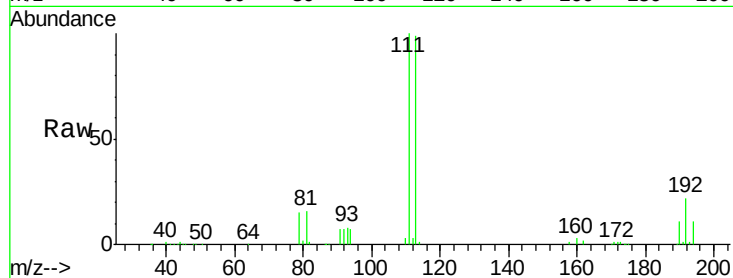




#35
 Dibromofluoromethane
 Concen: 48.275 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX009558.D
 Acq: 14 May 2019 13:03

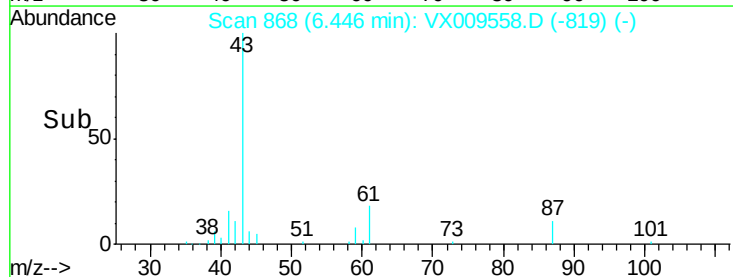
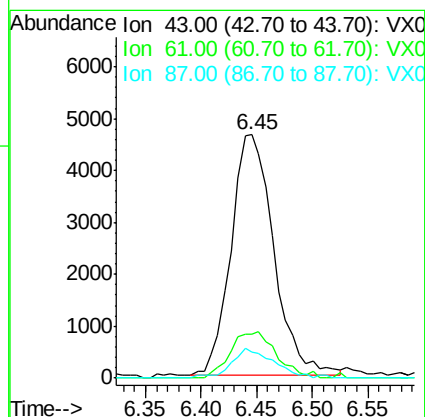
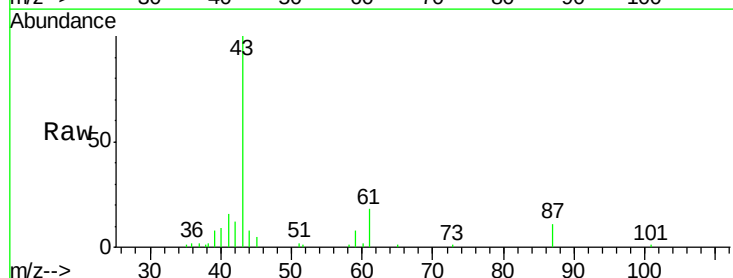
Instrument :
 MSVOA_X
 ClientSampleId :
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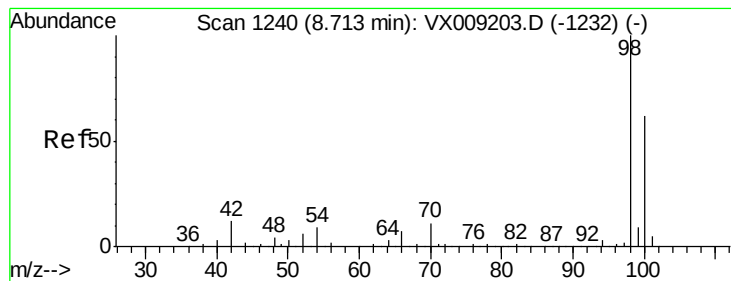
Tot Ion:113 Resp: 92725
 Ion Ratio Lower Upper
 113 100
 111 103.2 82.8 124.2
 192 22.0 17.0 25.6



#43
 Isopropyl Acetate
 Concen: 1.959 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. 0.00 min
 Lab File: VX009558.D
 Acq: 14 May 2019 13:03

Tgt Ion: 43 Resp: 12394
 Ion Ratio Lower Upper
 43 100
 61 20.5 15.1 22.7
 87 12.2 9.0 13.6





#50

Toluene-d8

Concen: 49.656 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX009558.D

Acq: 14 May 2019 13:03

Instrument :

MSVOA_X

ClientSampleId :

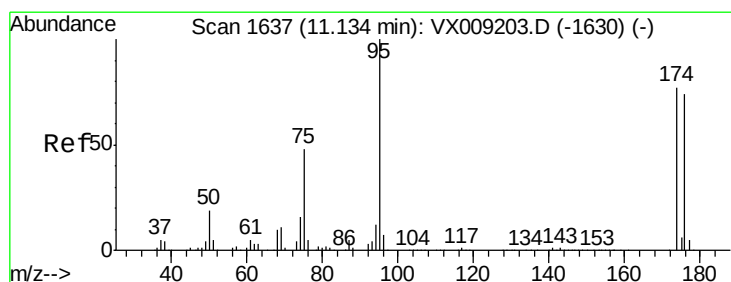
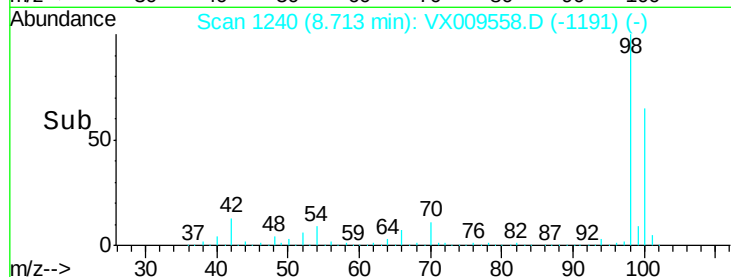
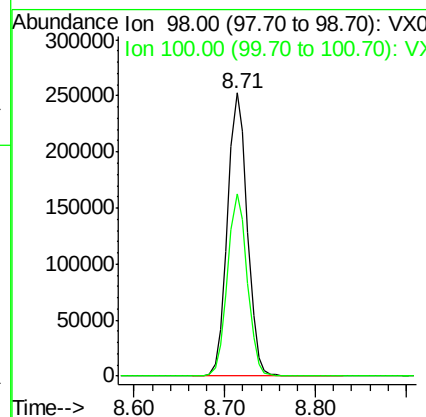
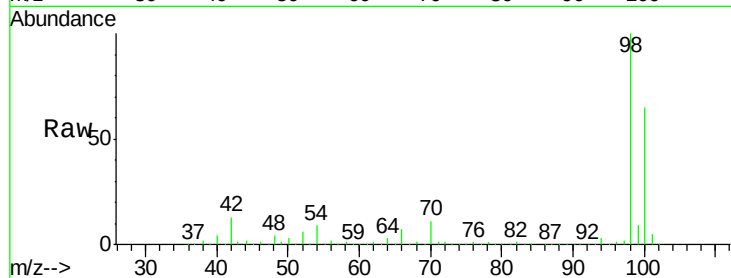
SOIL-COMP

Tot Ion: 98 Resp: 385065

Ion Ratio Lower Upper

98 100

100 64.4 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 44.904 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009558.D

Acq: 14 May 2019 13:03

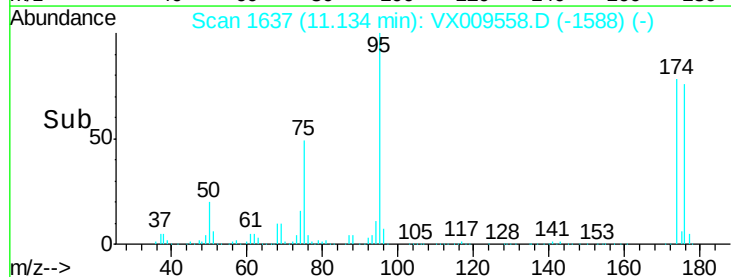
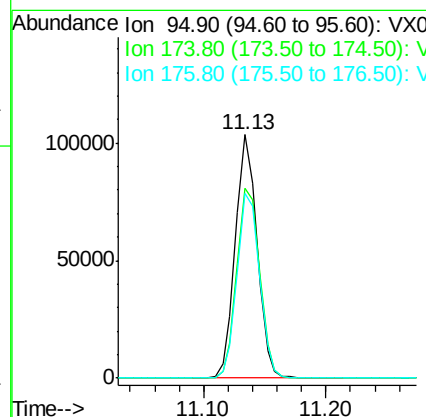
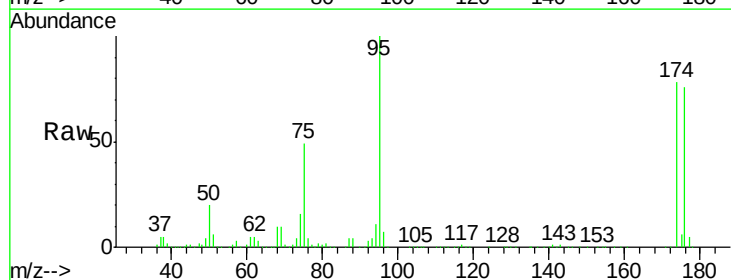
Tgt Ion: 95 Resp: 126526

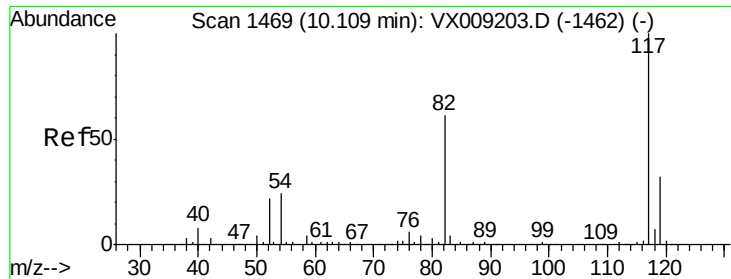
Ion Ratio Lower Upper

95 100

174 82.8 0.0 161.6

176 79.0 0.0 159.2

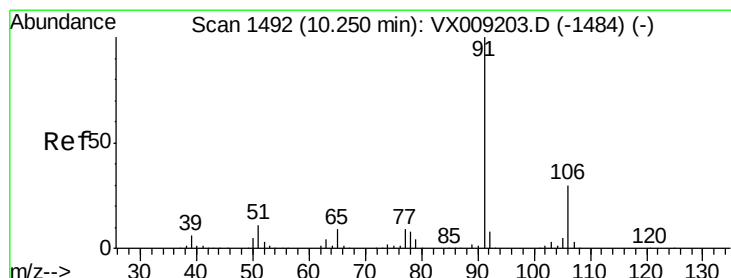
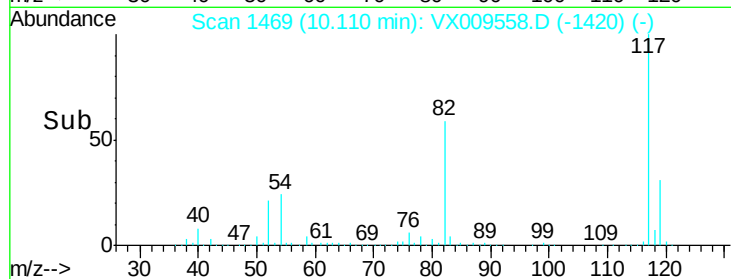
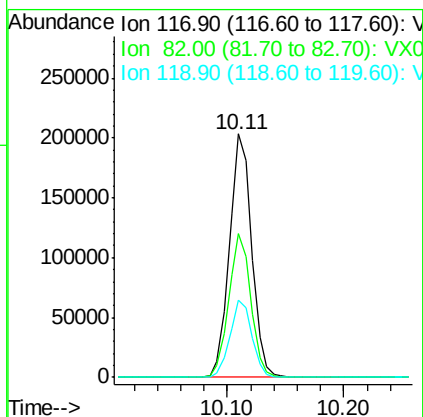
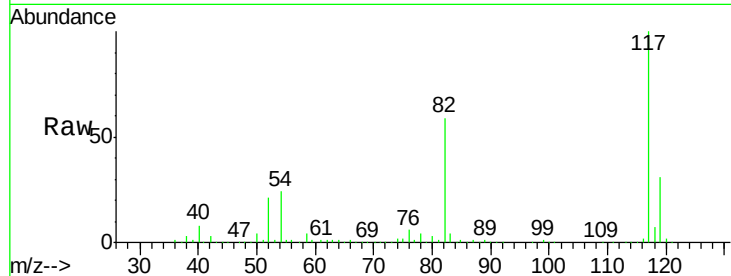




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009558.D
Acq: 14 May 2019 13:03

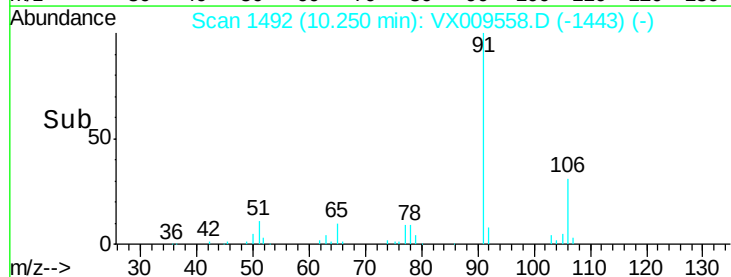
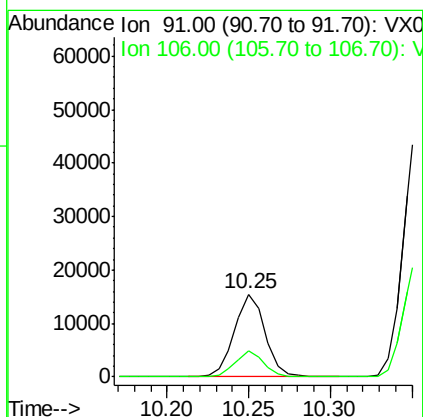
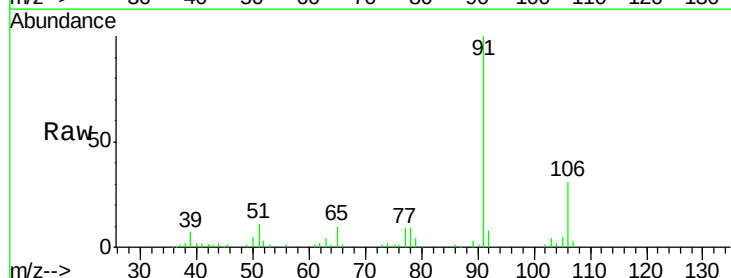
Instrument :
MSVOA_X
ClientSampled :
SOIL-COMP

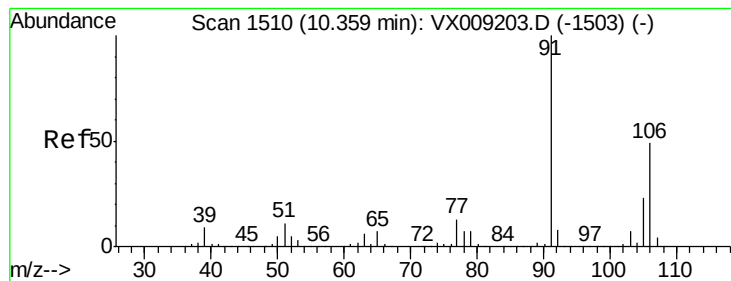
Tot Ion:117 Resp: 269551
Ion Ratio Lower Upper
117 100
82 58.9 48.8 73.2
119 31.5 25.8 38.6



#67
Ethyl Benzene
Concen: 2.055 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX009558.D
Acq: 14 May 2019 13:03

Tgt Ion: 91 Resp: 20390
Ion Ratio Lower Upper
91 100
106 31.3 24.0 36.0





#68

m/p-Xylenes

Concen: 9.628 ug/l

RT: 10.35 min Scan# 1509

Delta R.T. -0.01 min

Lab File: VX009558.D

Acq: 14 May 2019 13:03

Instrument :

MSVOA_X

ClientSampled :

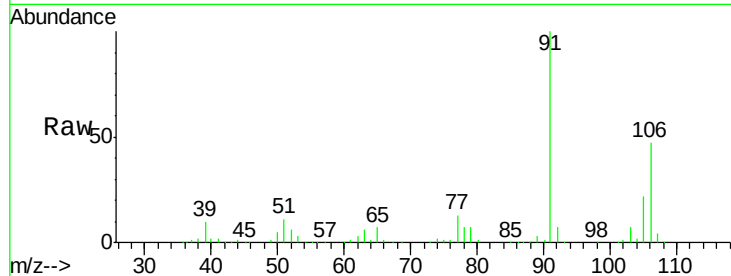
SOIL-COMP

Tot Ion:106 Resp: 34916

Ion Ratio Lower Upper

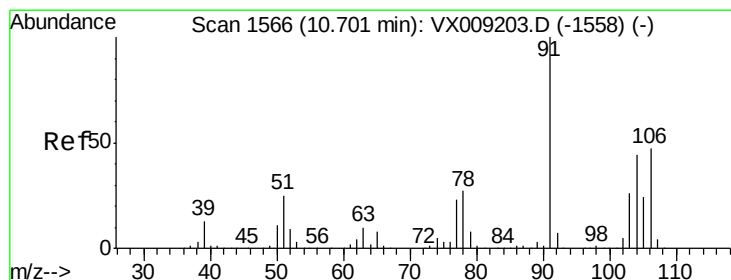
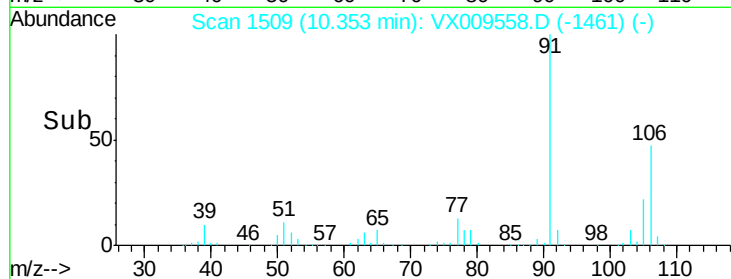
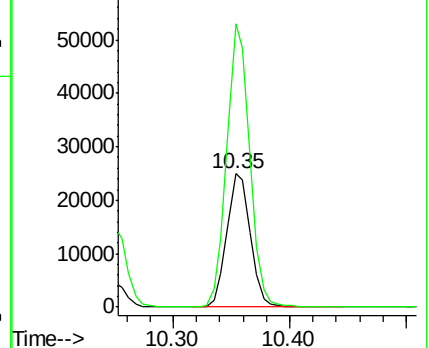
106 100

91 205.9 164.0 246.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 4.354 ug/l

RT: 10.69 min Scan# 1565

Delta R.T. -0.01 min

Lab File: VX009558.D

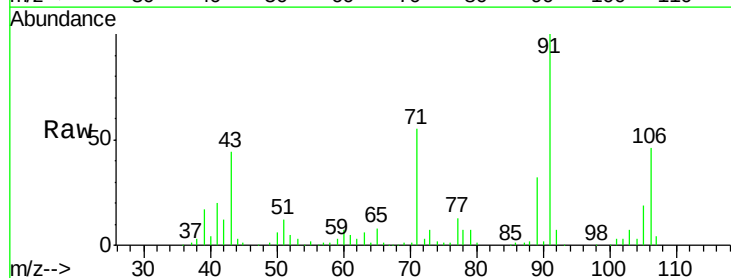
Acq: 14 May 2019 13:03

Tgt Ion:106 Resp: 15577

Ion Ratio Lower Upper

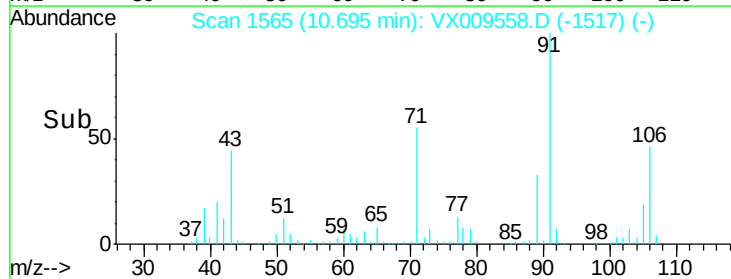
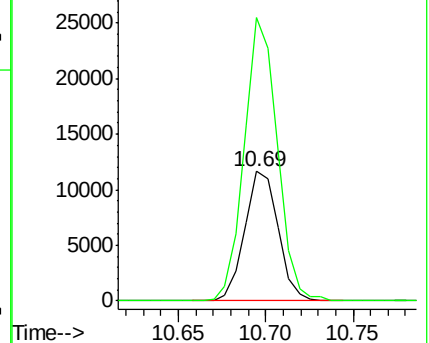
106 100

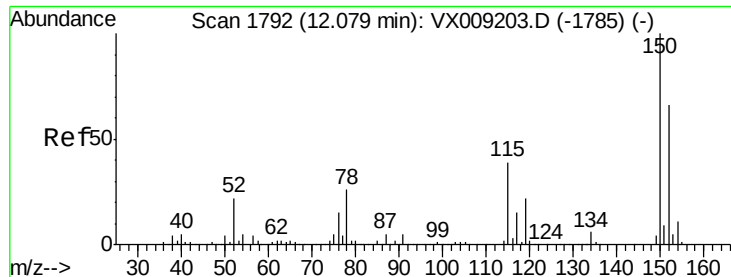
91 214.8 109.5 328.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX009558.D

Acq: 14 May 2019 13:03

Instrument :

MSVOA_X

ClientSampled :

SOIL-COMP

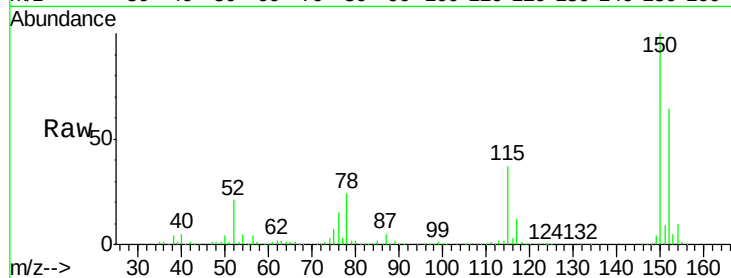
Tot Ion:152 Resp: 114895

Ion Ratio Lower Upper

152 100

115 58.2 41.2 123.6

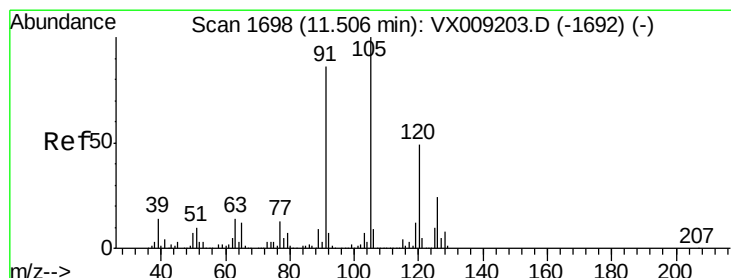
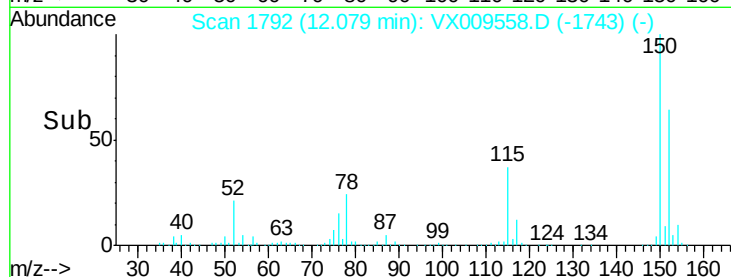
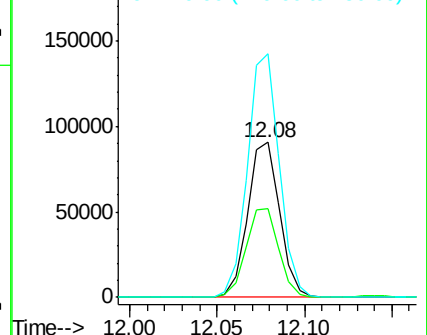
150 156.3 0.0 346.4



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



#80

1,3,5-Trimethylbenzene

Concen: 3.704 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX009558.D

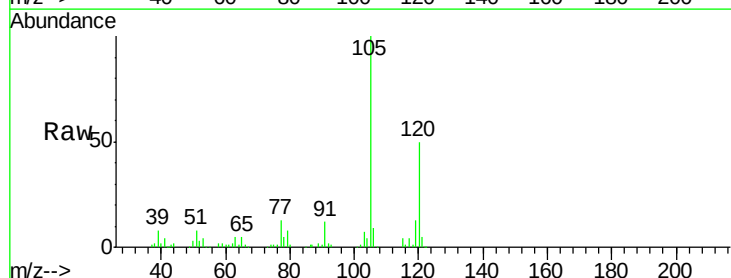
Acq: 14 May 2019 13:03

Tgt Ion:105 Resp: 26060

Ion Ratio Lower Upper

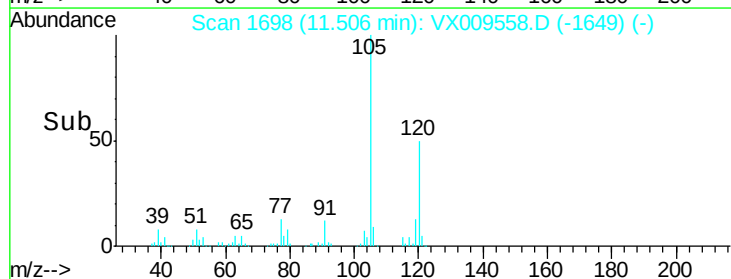
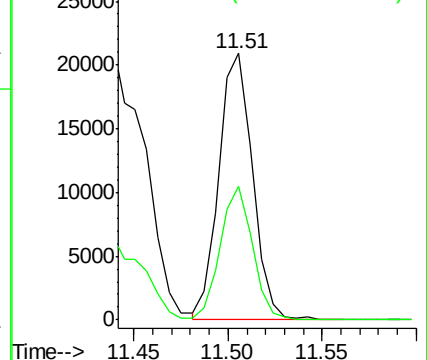
105 100

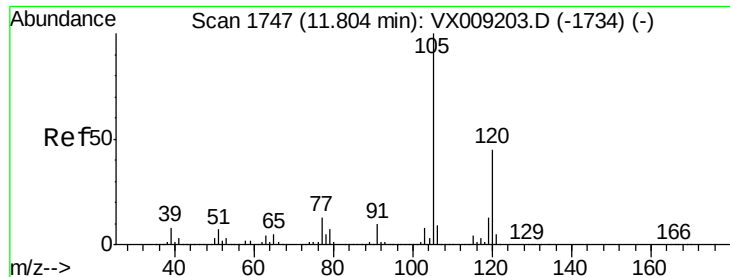
120 47.8 24.3 72.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#84

1,2,4-Trimethylbenzene

Concen: 17.935 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX009558.D

Acq: 14 May 2019 13:03

Instrument :

MSVOA_X

ClientSampleId :

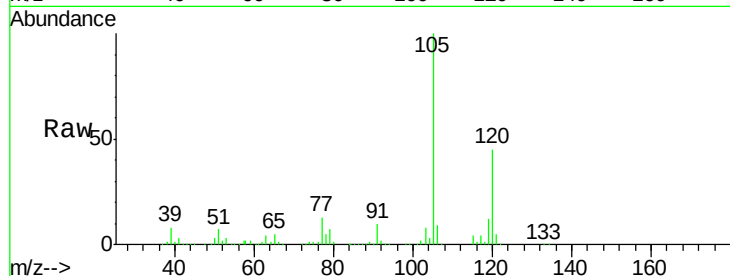
SOIL-COMP

Tot Ion:105 Resp: 126643

Ion Ratio Lower Upper

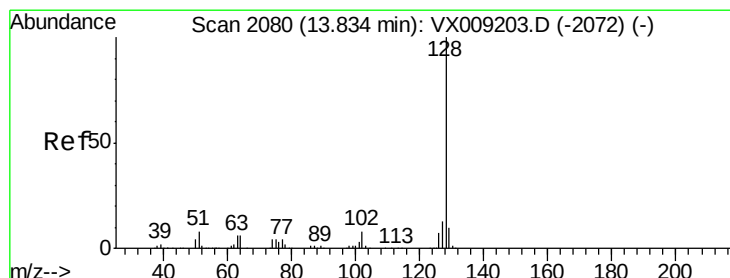
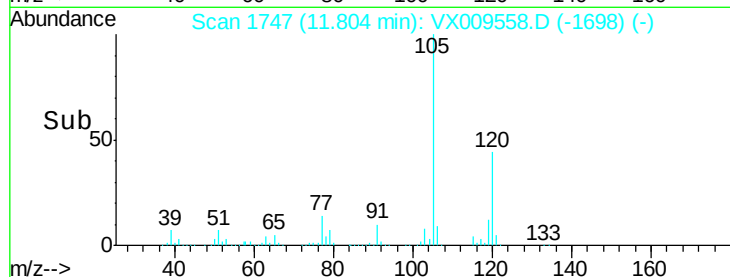
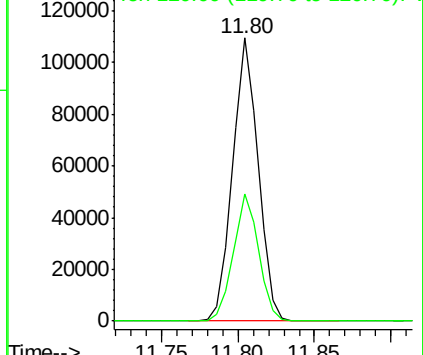
105 100

120 44.6 22.0 66.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#95

Naphthalene

Concen: 6.411 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX009558.D

Acq: 14 May 2019 13:03

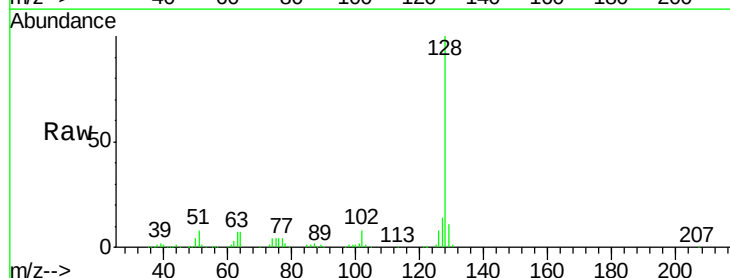
Tgt Ion:128 Resp: 53708

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

129 11.1 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

