

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070919\
 Data File : VX010762.D
 Acq On : 09 Jul 2019 19:41
 Operator : JC/SP
 Sample : K3695-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SOIL-SAMPLE-1

Quant Time: Jul 10 02:13:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	218388	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	338750	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	321735	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	159126	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	110161	53.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.60%	
35) Dibromofluoromethane	5.50	113	104601	50.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.94%	
50) Toluene-d8	8.71	98	410759	51.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.60%	
62) 4-Bromofluorobenzene	11.13	95	142234	49.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.36%	

Target Compounds

						Qvalue
6) Chloroethane	1.71	64	237	0.207	ug/l #	44
11) Tert butyl alcohol	3.06	59	210	0.392	ug/l #	1
13) Acrolein	2.29	56	553	1.556	ug/l	95
14) Allyl chloride	2.86	41	7547	2.808	ug/l #	28
16) Acetone	2.45	43	13683	13.334	ug/l	100
18) Methyl Acetate	2.78	43	1595	0.780	ug/l #	87
20) Methylene Chloride	2.86	84	206997	98.017	ug/l	97
25) 2-Butanone	4.68	43	5077	3.373	ug/l	97
30) Chloroform	5.21	83	994	0.284	ug/l #	55
31) Cyclohexane	5.58	56	3574	1.208	ug/l	93
36) 1,1-Dichloropropene	5.67	75	13933	5.176	ug/l #	48
38) Carbon Tetrachloride	5.67	117	19954	6.845	ug/l #	15
39) Methylcyclohexane	7.46	83	15401	4.353	ug/l	97
43) Isopropyl Acetate	6.45	43	10851	2.368	ug/l	95
48) Methyl methacrylate	7.68	41	5242	2.461	ug/l #	9
49) 1,4-Dioxane	7.74	88	19	0.310	ug/l #	1
51) 4-Methyl-2-Pentanone	8.61	43	55888	19.072	ug/l #	47
54) cis-1,3-Dichloropropene	8.62	75	29174	8.599	ug/l #	61
55) 1,1,2-Trichloroethane	9.16	97	2549	1.119	ug/l #	23
56) Ethyl methacrylate	9.16	69	835	0.242	ug/l #	40
57) 1,3-Dichloropropane	9.54	76	7130	2.017	ug/l #	44
59) 2-Hexanone	9.54	43	87288	37.848	ug/l #	50
67) Ethyl Benzene	10.25	91	19116	1.734	ug/l	99
68) m/p-Xylenes	10.35	106	25505	5.969	ug/l	99
69) o-Xylene	10.69	106	1044	0.248	ug/l	94
73) Isopropylbenzene	11.02	105	31508	2.921	ug/l	97
76) 1,2,3-Trichloropropane	11.13	75	69156	23.849	ug/l #	33
78) n-propylbenzene	11.36	91	42953	3.623	ug/l	100
79) 2-Chlorotoluene	11.43	91	4238	0.600	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.51	105	32129	3.613	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.13	75	69156	55.638	ug/l #	16
82) 4-Chlorotoluene	11.50	91	3597	0.448	ug/l #	42
83) tert-Butylbenzene	11.77	119	2730	0.306	ug/l	90
84) 1,2,4-Trimethylbenzene	11.80	105	65310	7.310	ug/l	100

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QLast Update : Thu Jun 20 03:31:56 2019
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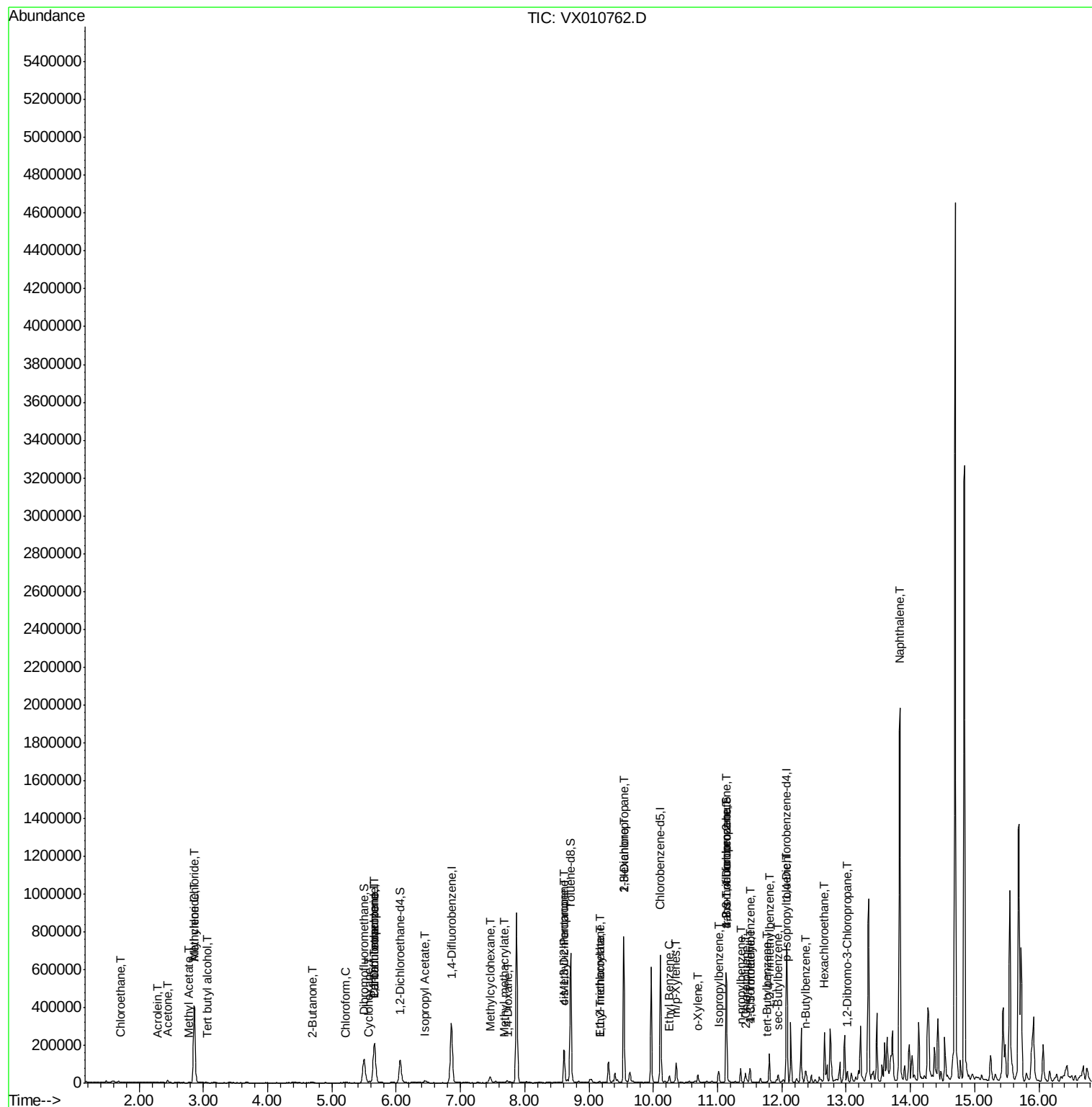
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) sec-Butylbenzene	11.94	105	21765	2.077	ug/l	88
86) p-Isopropyltoluene	12.06	119	7420	0.765	ug/l	93
89) n-Butylbenzene	12.38	91	15096	1.833	ug/l #	62
90) Hexachloroethane	12.66	117	11527	6.877	ug/l #	5
92) 1,2-Dibromo-3-Chloropropan	13.02	75	276	0.358	ug/l #	1
95) Naphthalene	13.83	128	1258121	112.979	ug/l	100

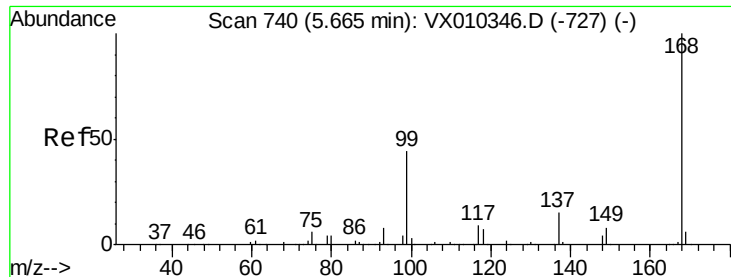
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010762.D

Acq: 09 Jul 2019 19:41

Instrument :

MSVOA_X

ClientSampleId :

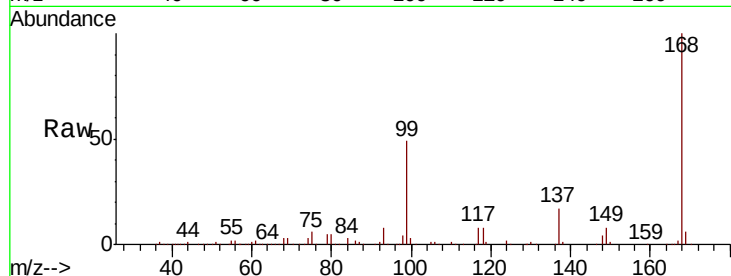
SOIL-SAMPLE-1

Tot Ion:168 Resp: 218388

Ion Ratio Lower Upper

168 100

99 48.7 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

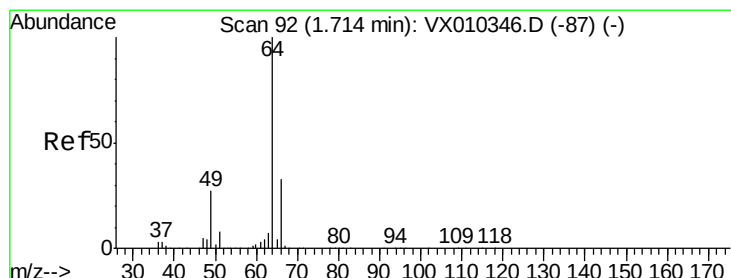
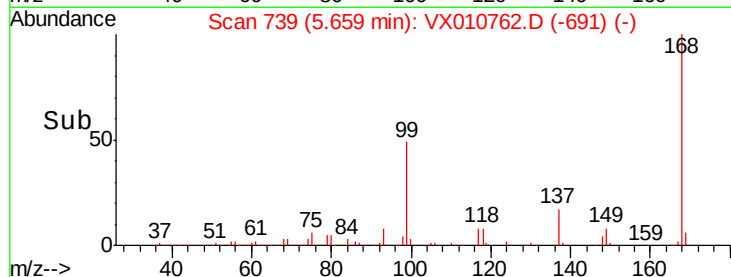
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#6

Chloroethane

Concen: 0.207 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX010762.D

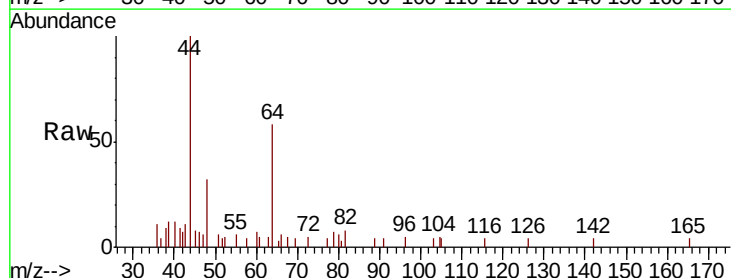
Acq: 09 Jul 2019 19:41

Tgt Ion: 64 Resp: 237

Ion Ratio Lower Upper

64 100

66 1.6 26.6 40.0#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

1000

800

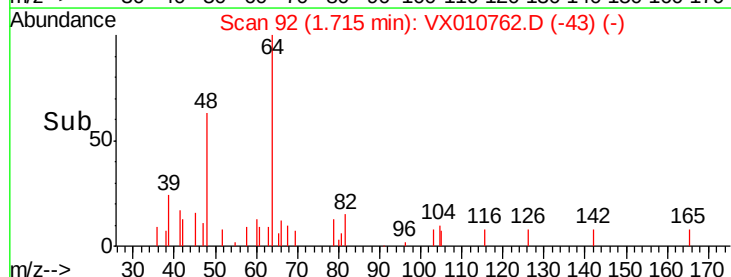
600

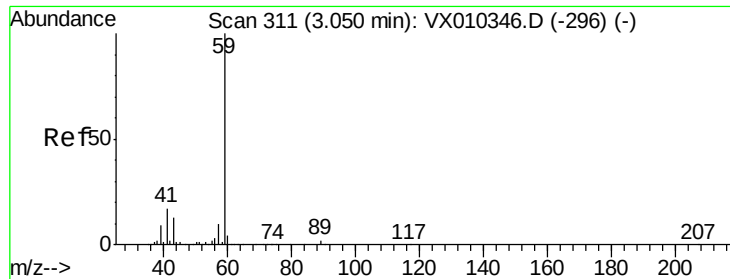
400

200

0

Time--> 1.70 1.72 1.74 1.76



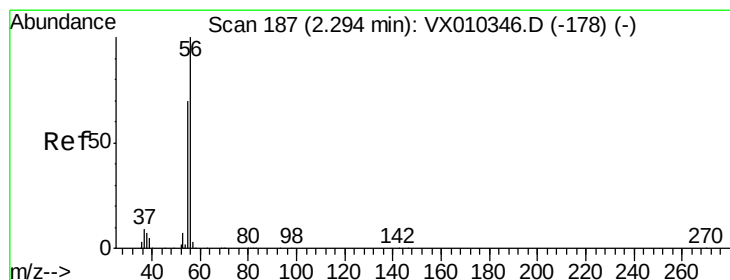
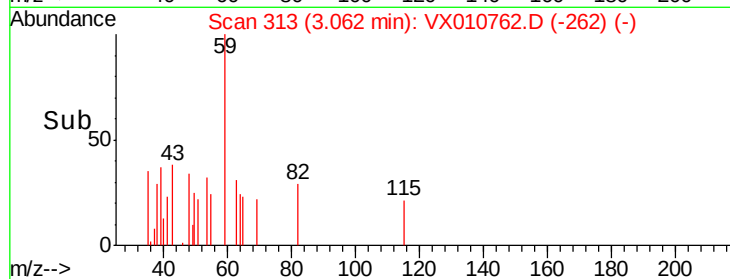
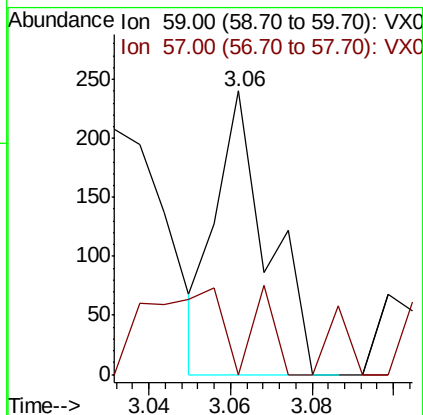
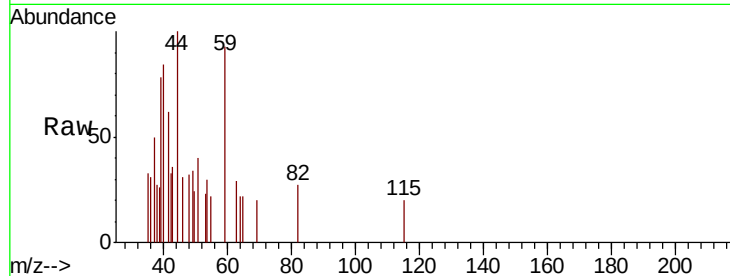


#11

Tert butyl alcohol
Concen: 0.392 ug/l
RT: 3.06 min Scan# 313
Delta R.T. 0.01 min
Lab File: VX010762.D
Acq: 09 Jul 2019 19:41

Instrument :
MSVOA_X
ClientSampleId :
SOIL-SAMPLE-1

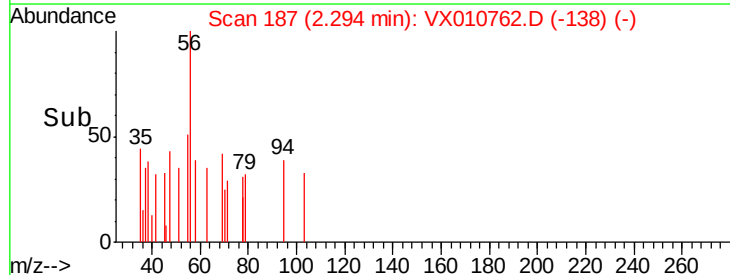
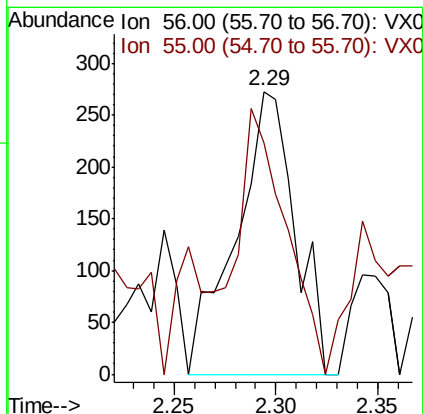
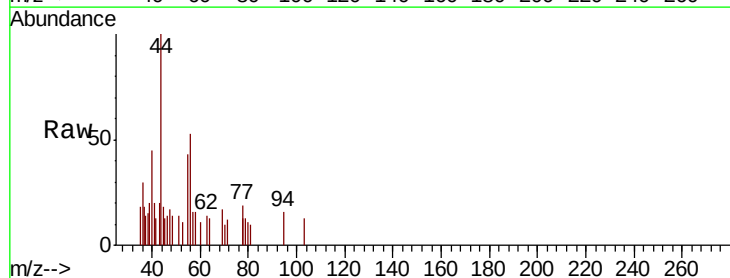
Tot Ion: 59 Resp: 210
Ion Ratio Lower Upper
59 100
57 57.6 7.7 11.5#

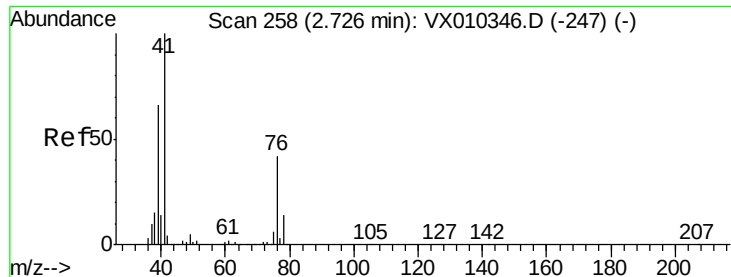


#13

Acrolein
Concen: 1.556 ug/l
RT: 2.29 min Scan# 187
Delta R.T. 0.00 min
Lab File: VX010762.D
Acq: 09 Jul 2019 19:41

Tgt Ion: 56 Resp: 553
Ion Ratio Lower Upper
56 100
55 75.4 56.9 85.3





#14

Allvl chloride

Concen: 2.808 ug/l

RT: 2.86 min Scan# 280

Delta R.T. 0.13 min

Lab File: VX010762.D

Acq: 09 Jul 2019 19:41

Instrument :

MSVOA_X

ClientSampleId :

SOIL-SAMPLE-1

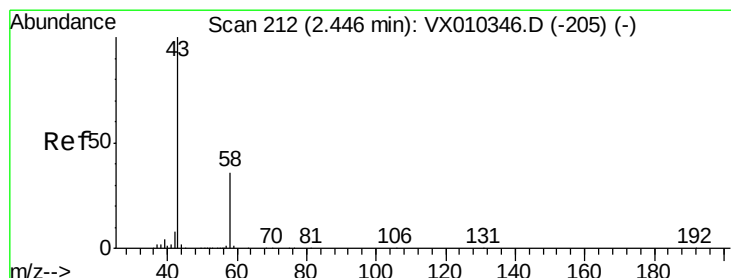
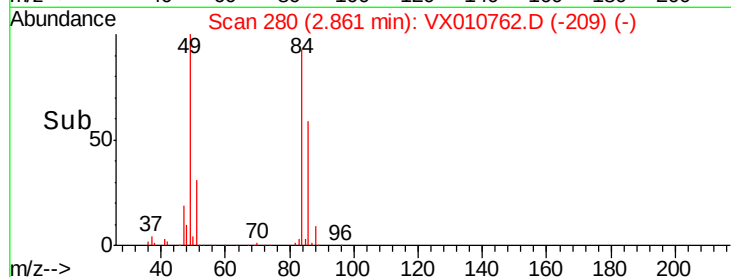
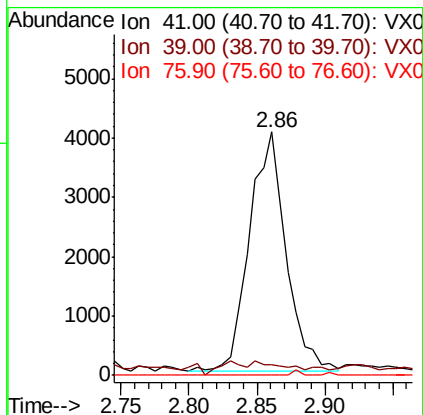
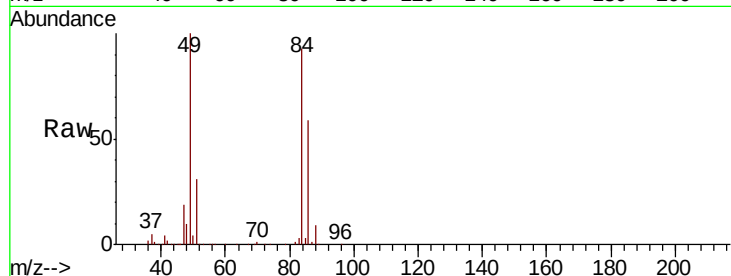
Tot Ion: 41 Resp: 7547

Ion Ratio Lower Upper

41 100

39 2.8 50.3 75.5#

76 0.0 31.3 46.9#



#16

Acetone

Concen: 13.334 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX010762.D

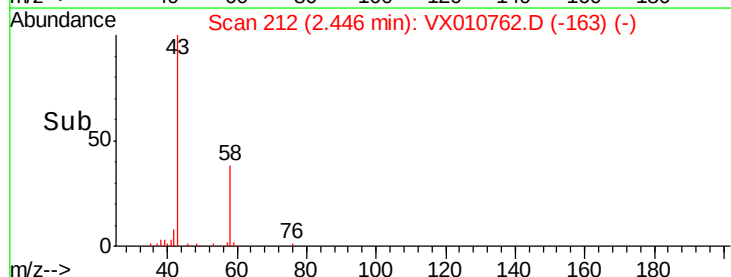
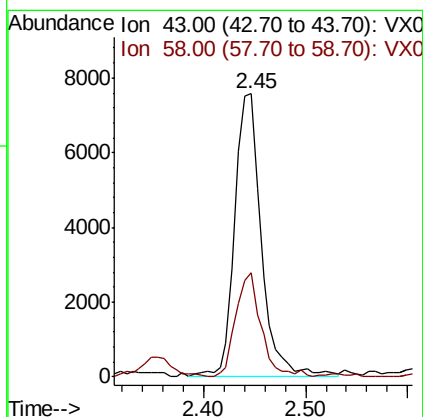
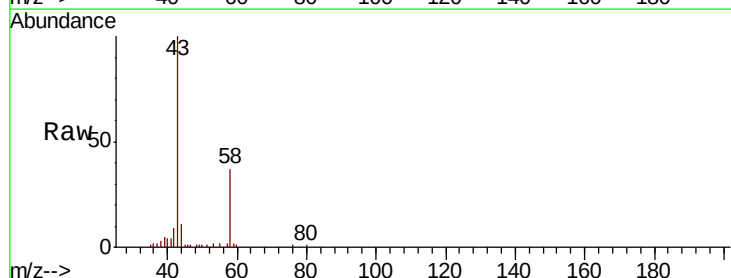
Acq: 09 Jul 2019 19:41

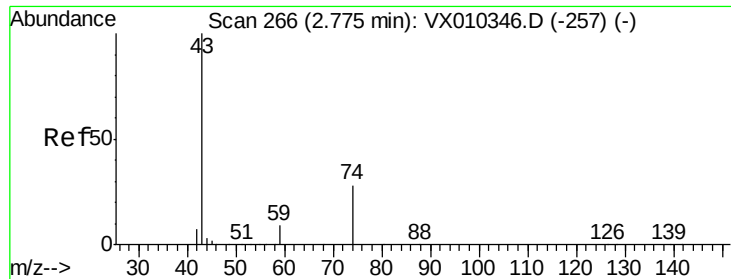
Tgt Ion: 43 Resp: 13683

Ion Ratio Lower Upper

43 100

58 35.9 28.9 43.3





#18

Methvl Acetate

Concen: 0.780 ug/l

RT: 2.78 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX010762.D

Acq: 09 Jul 2019 19:41

Instrument :

MSVOA_X

ClientSampleId :

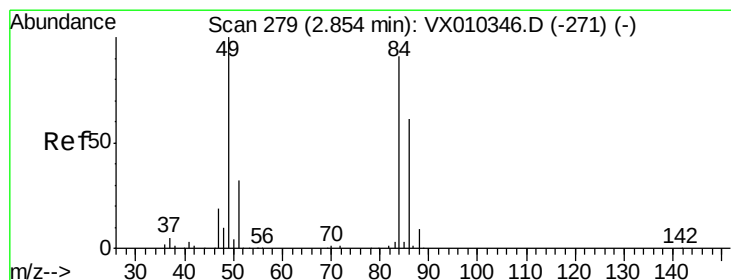
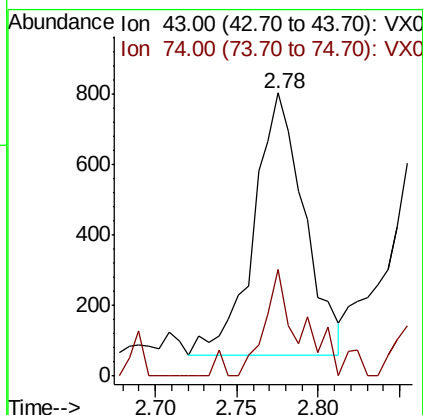
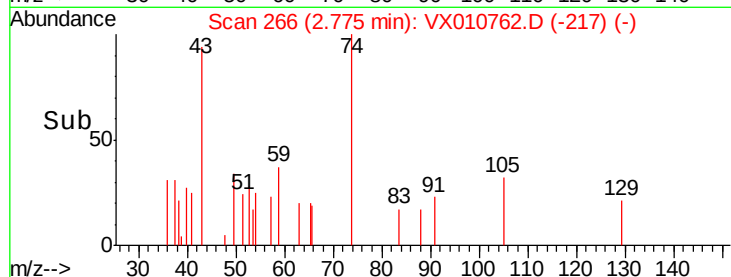
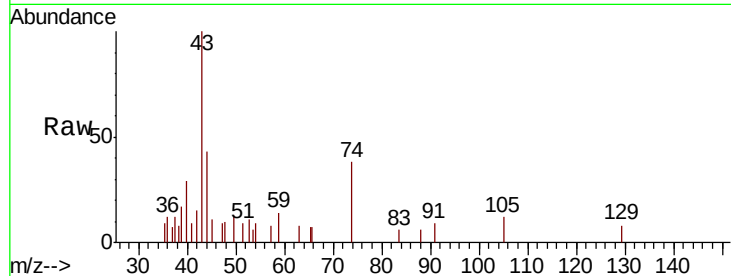
SOIL-SAMPLE-1

Tot Ion: 43 Resp: 1595

Ion Ratio Lower Upper

43 100

74 19.7 21.3 31.9#



#20

Methylene Chloride

Concen: 98.017 ug/l

RT: 2.86 min Scan# 280

Delta R.T. 0.01 min

Lab File: VX010762.D

Acq: 09 Jul 2019 19:41

Tgt Ion: 84 Resp: 206997

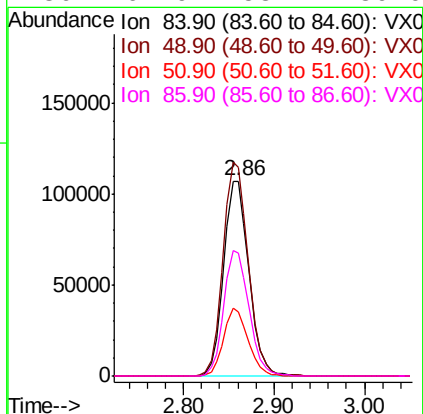
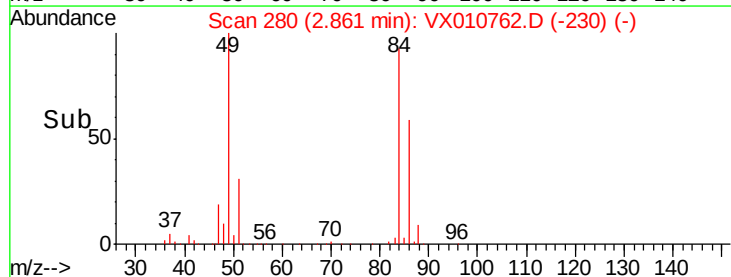
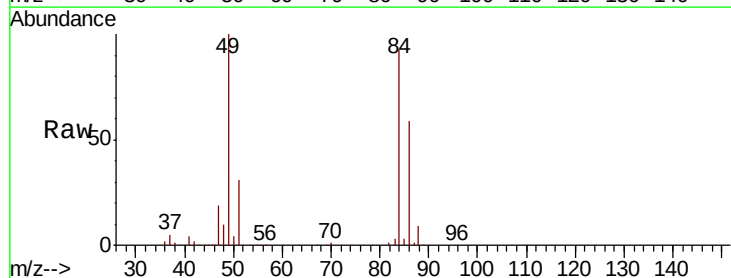
Ion Ratio Lower Upper

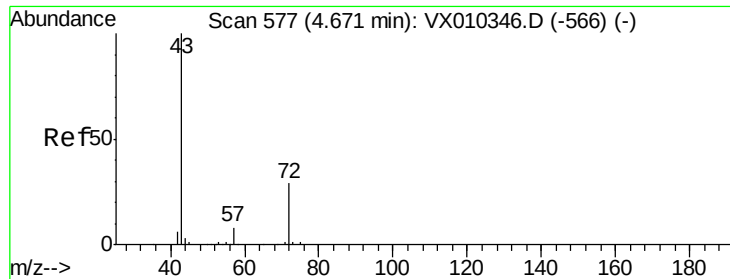
84 100

49 107.0 87.5 131.3

51 33.0 27.7 41.5

86 62.9 53.4 80.0





#25

2-Butanone

Concen: 3.373 ug/l

RT: 4.68 min Scan# 579

Delta R.T. 0.01 min

Lab File: VX010762.D

Acq: 09 Jul 2019 19:41

Instrument :

MSVOA_X

ClientSampleId :

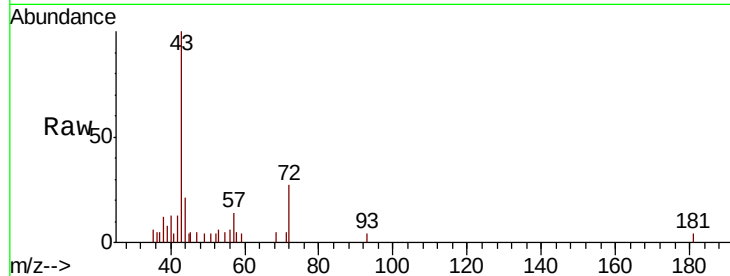
SOIL-SAMPLE-1

Tot Ion: 43 Resp: 5077

Ion Ratio Lower Upper

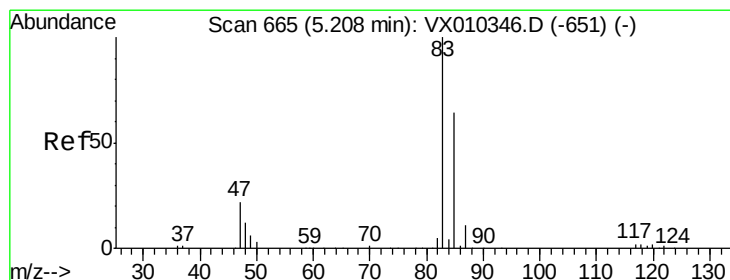
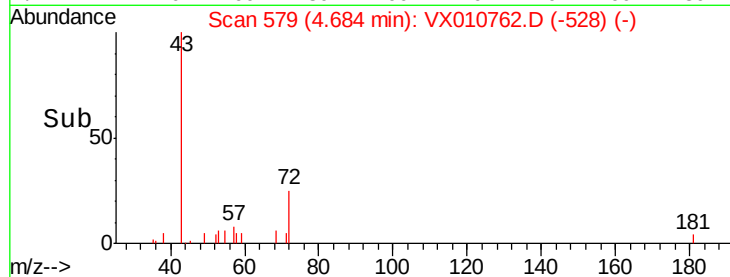
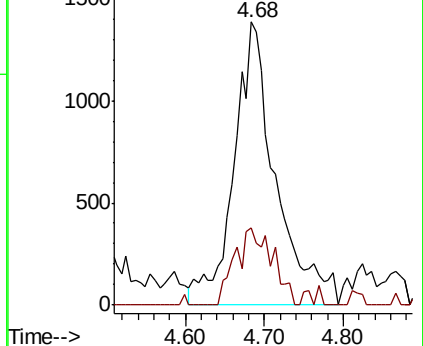
43 100

72 27.4 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#30

Chloroform

Concen: 0.284 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.01 min

Lab File: VX010762.D

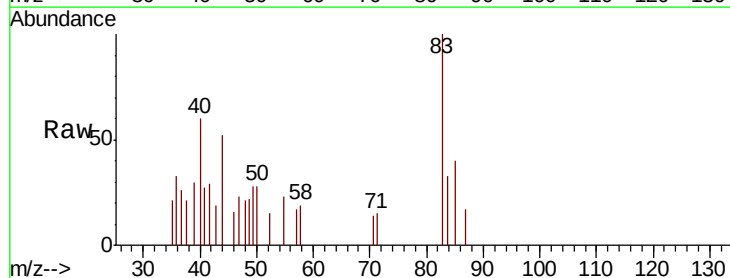
Acq: 09 Jul 2019 19:41

Tgt Ion: 83 Resp: 994

Ion Ratio Lower Upper

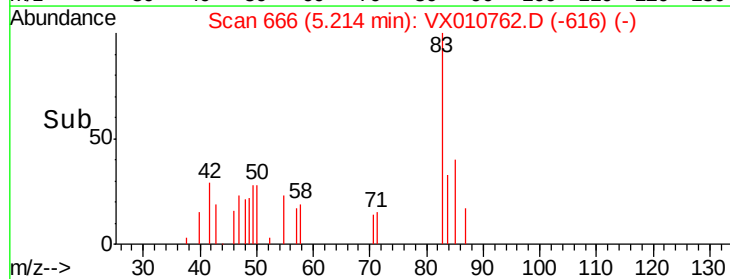
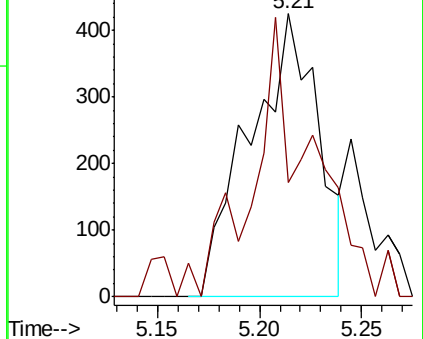
83 100

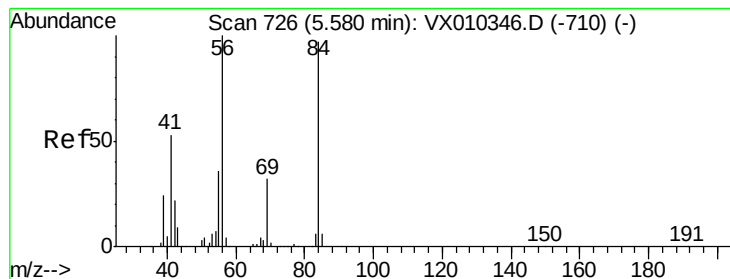
85 28.5 50.9 76.3#



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 1.208 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX010762.D

Acq: 09 Jul 2019 19:41

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ClientSampleId :

SOIL-SAMPLE-1

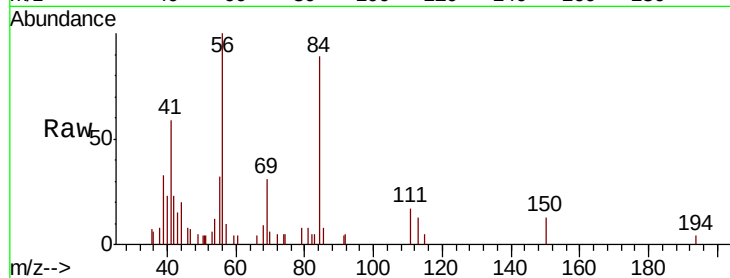
Tot Ion: 56 Resp: 3574

Ion Ratio Lower Upper

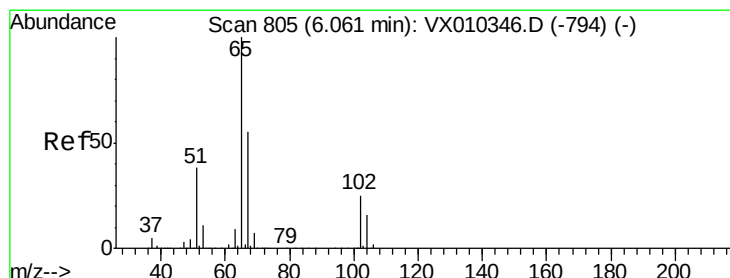
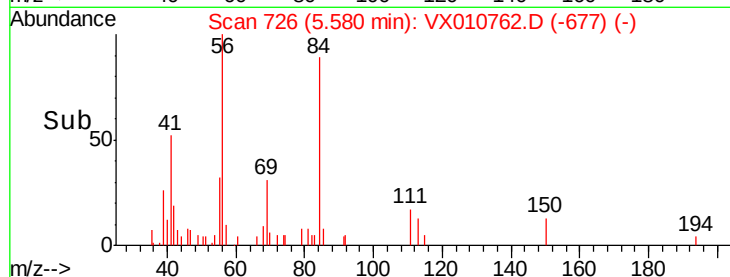
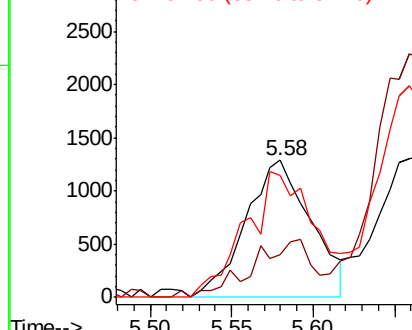
56 100

69 31.4 25.9 38.9

84 89.3 78.0 117.0



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 53.800 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010762.D

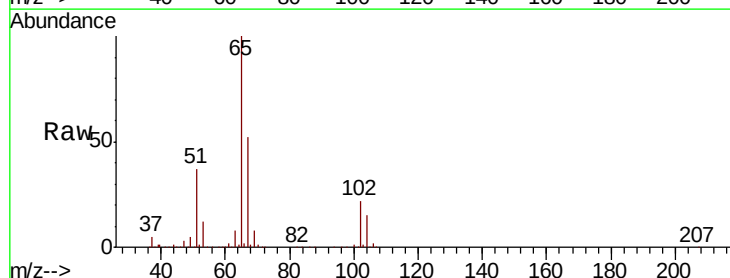
Acq: 09 Jul 2019 19:41

Tgt Ion: 65 Resp: 110161

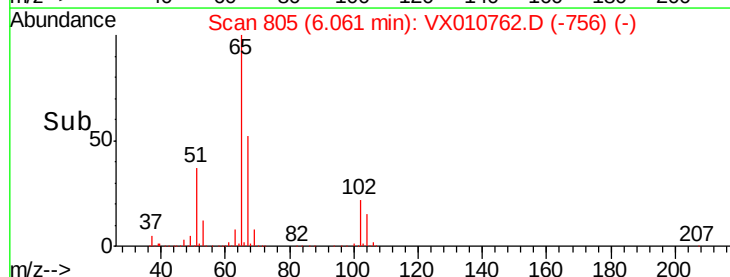
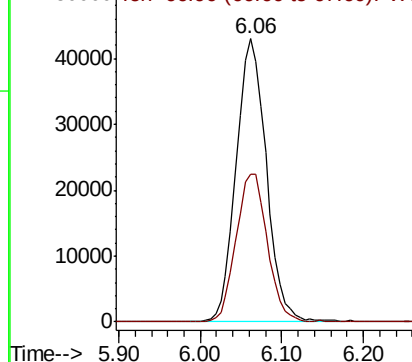
Ion Ratio Lower Upper

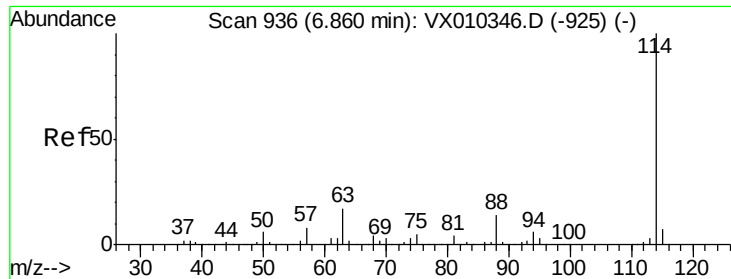
65 100

67 54.2 0.0 110.2



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0

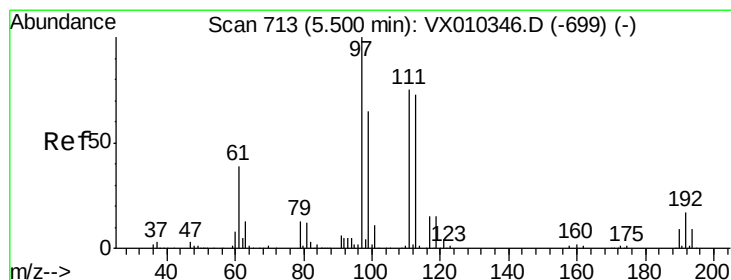
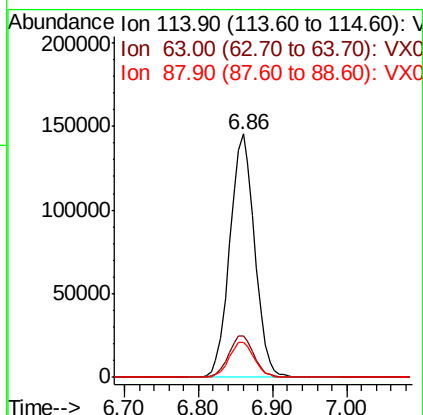
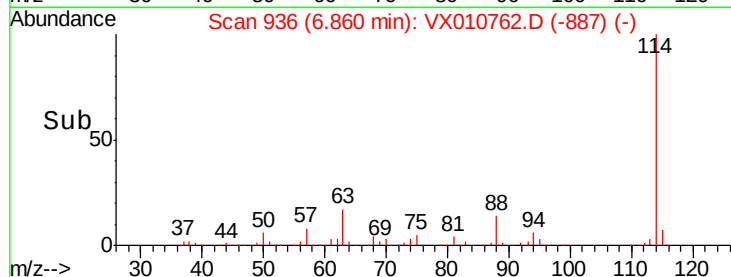
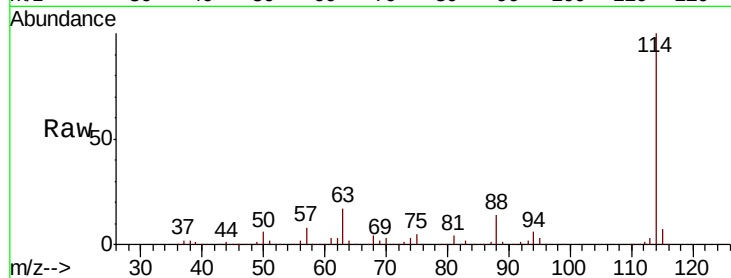




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX010762.D
Acq: 09 Jul 2019 19:41

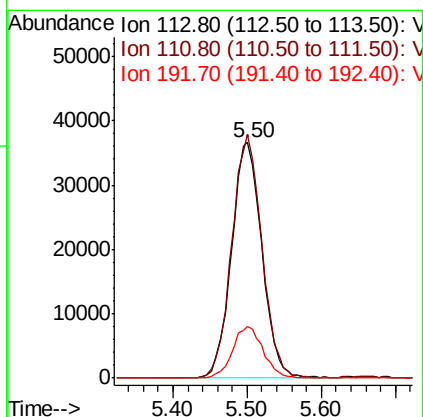
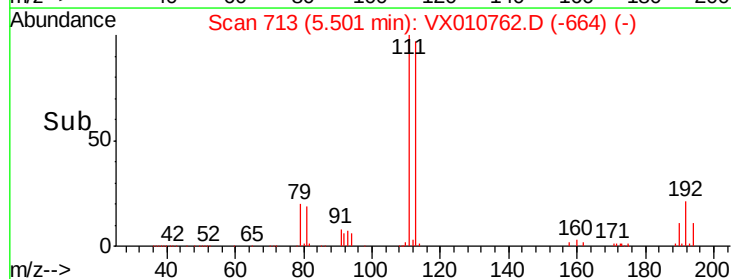
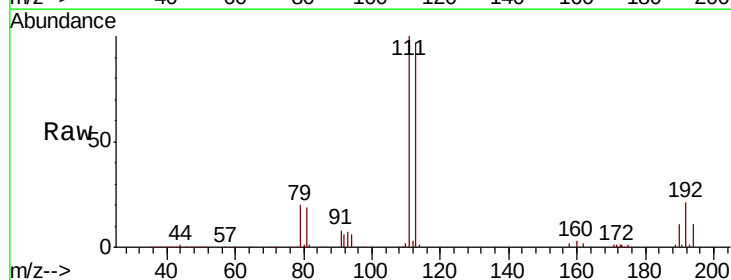
Instrument :
MSVOA_X
ClientSampleId :
SOIL-SAMPLE-1

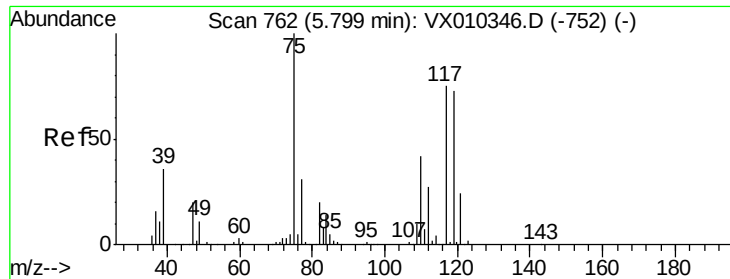
Tot Ion:114 Resp: 338750
Ion Ratio Lower Upper
114 100
63 17.1 0.0 33.8
88 14.5 0.0 27.6



#35
Dibromofluoromethane
Concen: 50.469 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX010762.D
Acq: 09 Jul 2019 19:41

Tgt Ion:113 Resp: 104601
Ion Ratio Lower Upper
113 100
111 102.3 81.2 121.8
192 21.9 18.6 27.8

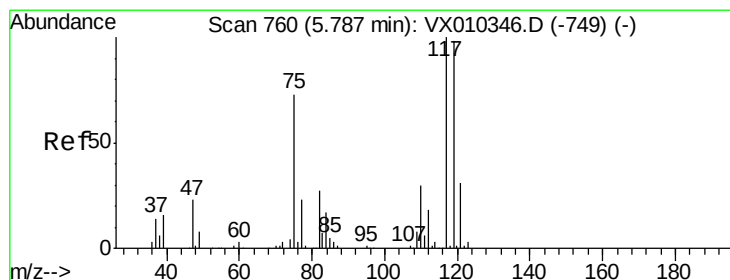
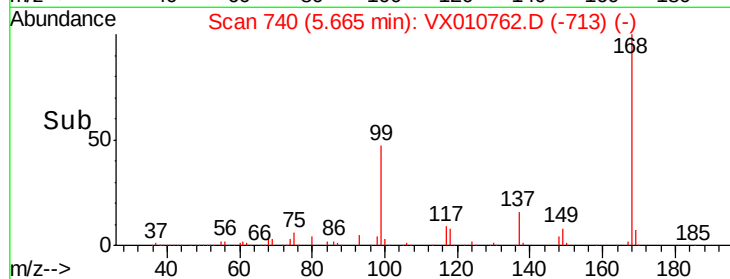
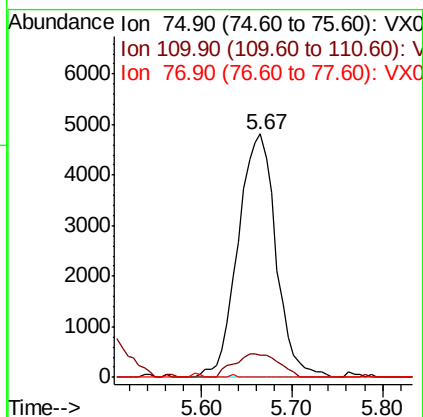
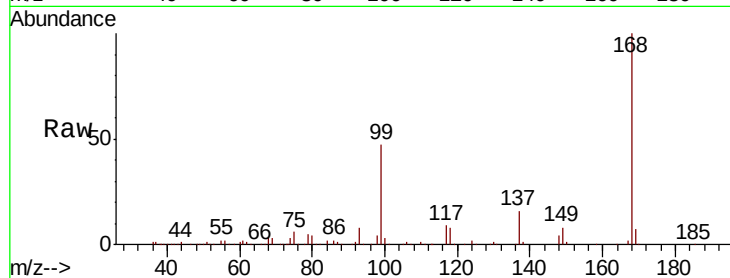




#36
 1,1-Dichloropropene
 Concen: 5.176 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.13 min
 Lab File: VX010762.D
 Acq: 09 Jul 2019 19:41

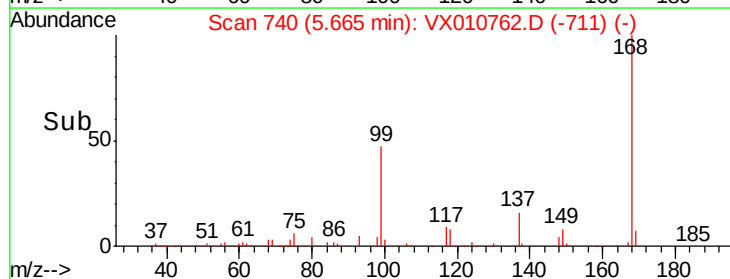
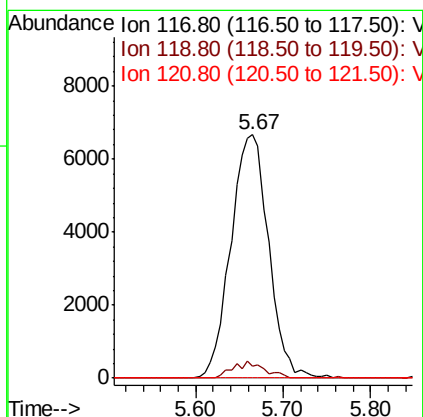
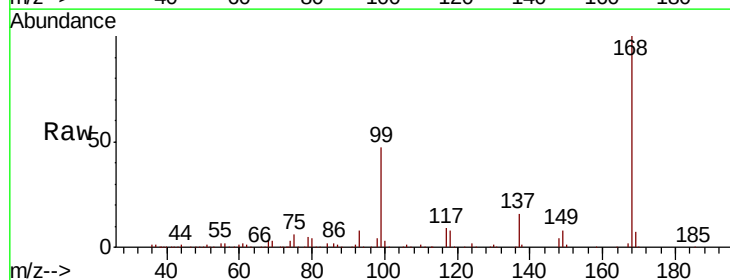
Instrument :
 MSVOA_X
 ClientSampleId :
 SOIL-SAMPLE-1

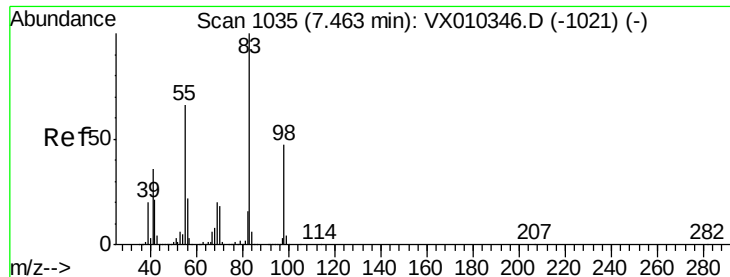
Tot Ion: 75 Resp: 13933
 Ion Ratio Lower Upper
 75 100
 110 11.4 20.8 62.2#
 77 0.0 25.4 38.0#



#38
 Carbon Tetrachloride
 Concen: 6.845 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.12 min
 Lab File: VX010762.D
 Acq: 09 Jul 2019 19:41

Tgt Ion: 117 Resp: 19954
 Ion Ratio Lower Upper
 117 100
 119 4.8 78.2 117.4#
 121 0.0 24.7 37.1#

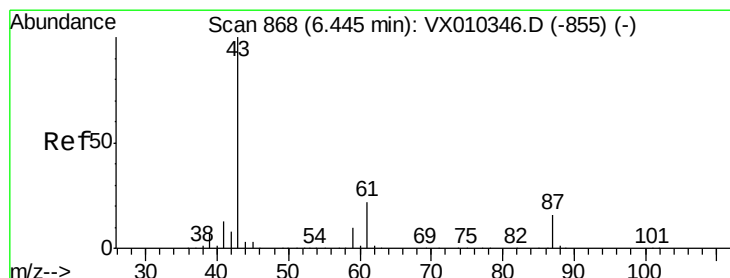
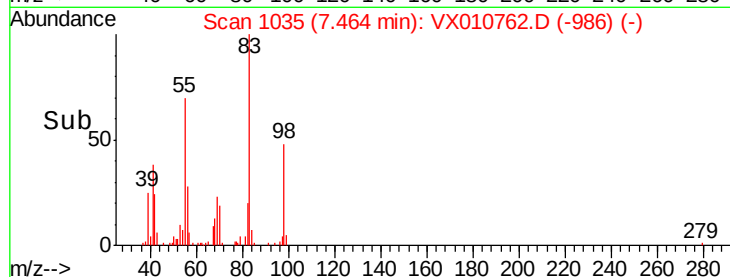
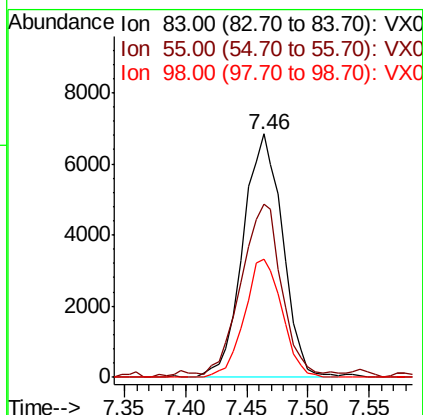
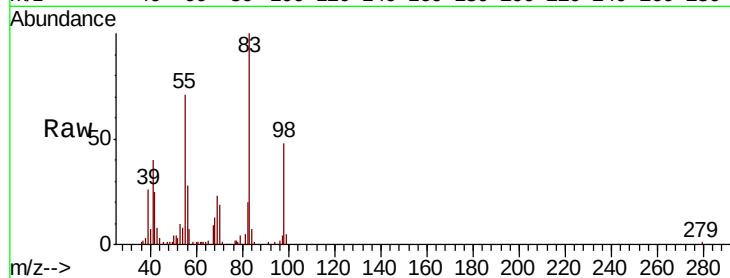




#39
Methylvlcyclohexane
Concen: 4.353 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010762.D
Acq: 09 Jul 2019 19:41

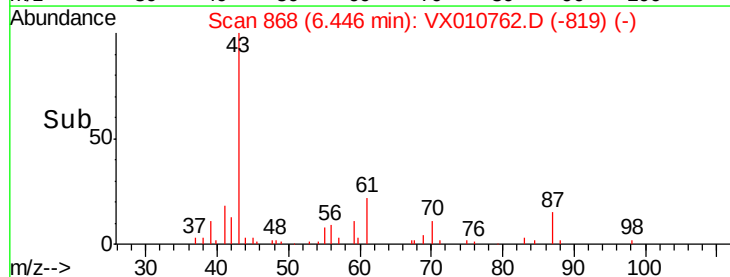
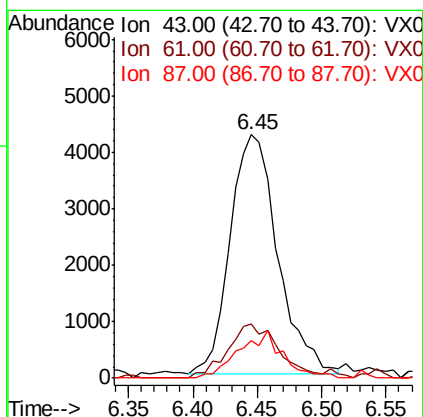
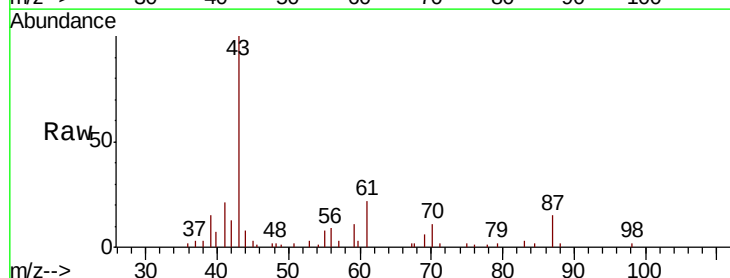
Instrument :
MSVOA_X
ClientSampleId :
SOIL-SAMPLE-1

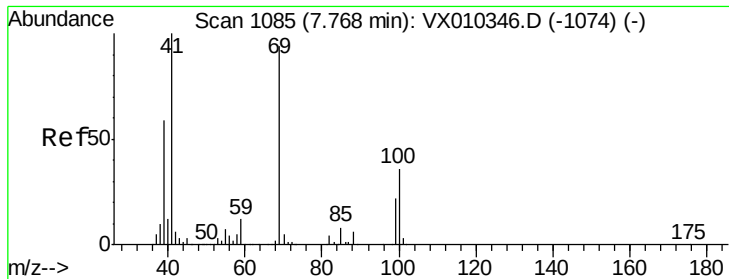
Tot Ion: 83 Resp: 15401
Ion Ratio Lower Upper
83 100
55 69.8 53.0 79.6
98 48.3 37.8 56.8



#43
Isopropyl Acetate
Concen: 2.368 ug/l
RT: 6.45 min Scan# 868
Delta R.T. 0.00 min
Lab File: VX010762.D
Acq: 09 Jul 2019 19:41

Tgt Ion: 43 Resp: 10851
Ion Ratio Lower Upper
43 100
61 24.5 17.8 26.6
87 18.2 13.0 19.4

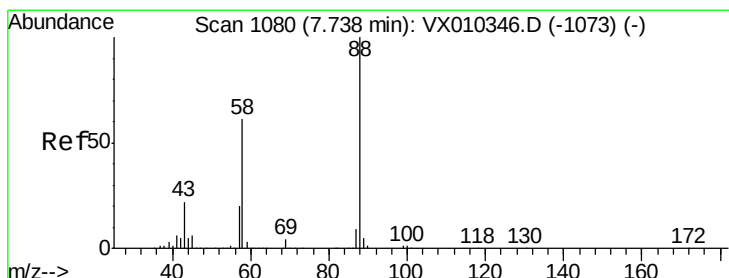
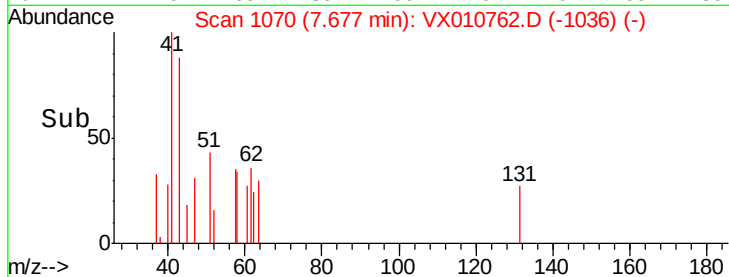
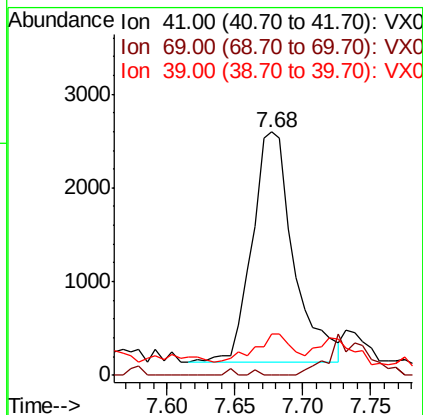
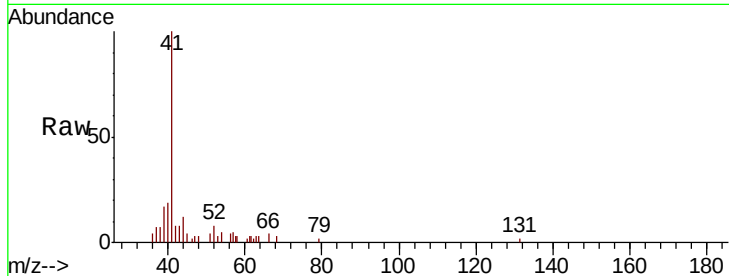




#48
Methvl methacrylate
Concen: 2.461 ug/l
RT: 7.68 min Scan# 1070
Delta R.T. -0.09 min
Lab File: VX010762.D
Acq: 09 Jul 2019 19:41

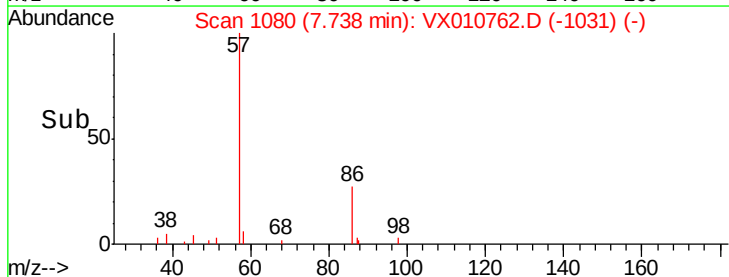
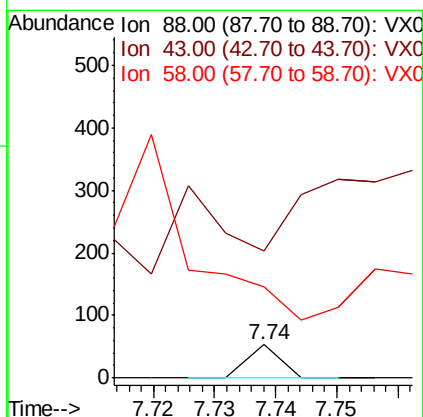
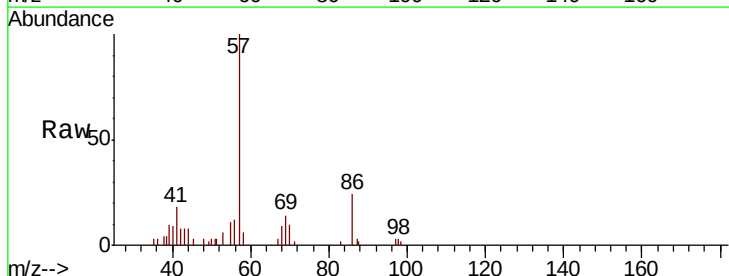
Instrument :
MSVOA_X
ClientSampled :
SOIL-SAMPLE-1

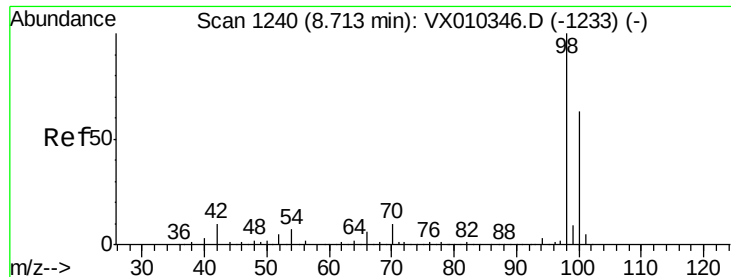
Tot Ion: 41 Resp: 5242
Ion Ratio Lower Upper
41 100
69 0.0 76.1 114.1#
39 0.0 47.6 71.4#



#49
1,4-Dioxane
Concen: 0.310 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX010762.D
Acq: 09 Jul 2019 19:41

Tgt Ion: 88 Resp: 19
Ion Ratio Lower Upper
88 100
43 0.0 20.2 30.2#
58 2463.2 49.5 74.3#

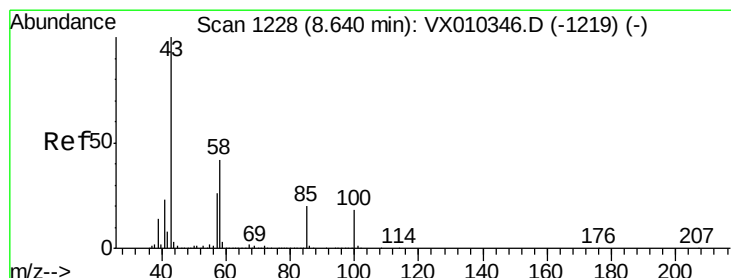
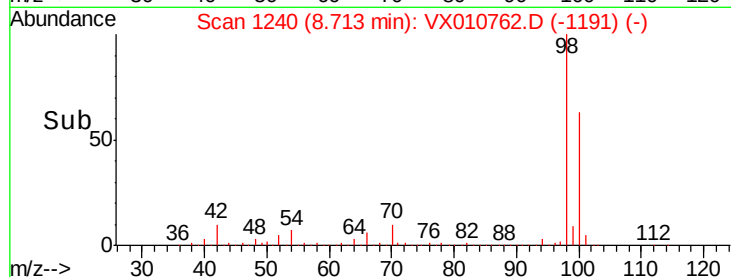
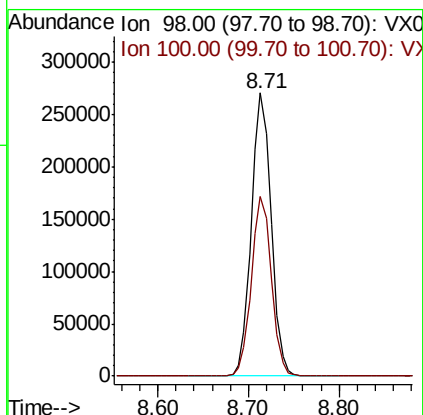
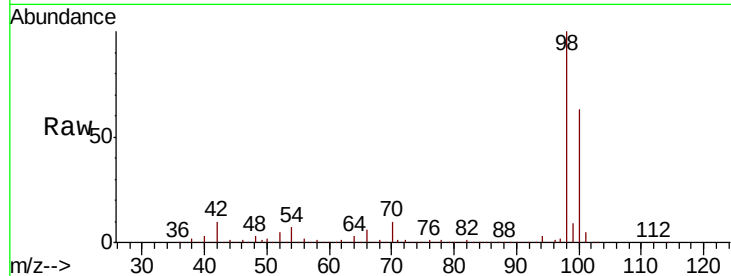




#50
Toluene-d8
Concen: 51.802 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010762.D
Acq: 09 Jul 2019 19:41

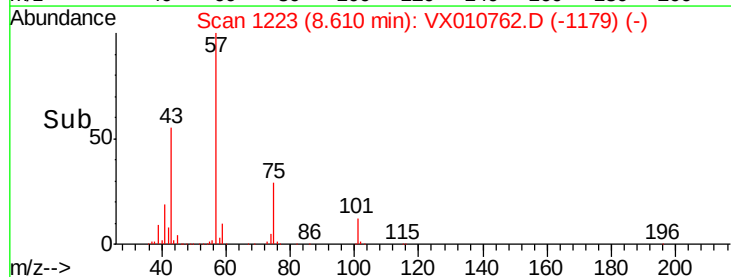
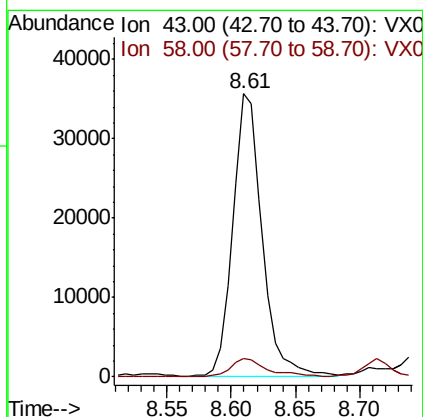
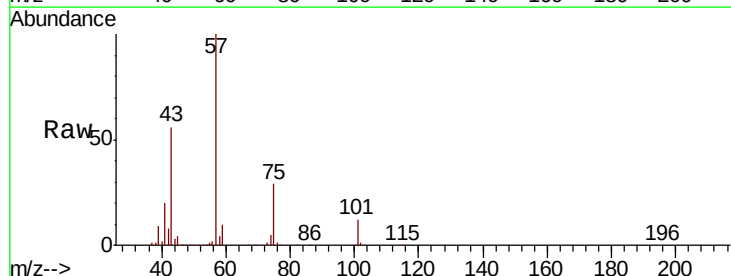
Instrument :
MSVOA_X
ClientSampleId :
SOIL-SAMPLE-1

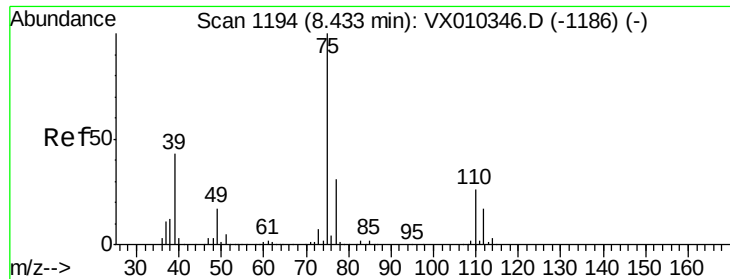
Tot Ion: 98 Resp: 410759
Ion Ratio Lower Upper
98 100
100 63.8 51.6 77.4



#51
4-Methyl-2-Pentanone
Concen: 19.072 ug/l
RT: 8.61 min Scan# 1223
Delta R.T. -0.03 min
Lab File: VX010762.D
Acq: 09 Jul 2019 19:41

Tgt Ion: 43 Resp: 55888
Ion Ratio Lower Upper
43 100
58 8.2 33.5 50.3#





#54

cis-1,3-Dichloropropene

Concen: 8.599 ug/l

RT: 8.62 min Scan# 1224

Delta R.T. 0.18 min

Lab File: VX010762.D

Acq: 09 Jul 2019 19:41

Instrument :

MSVOA_X

ClientSampleId :

SOIL-SAMPLE-1

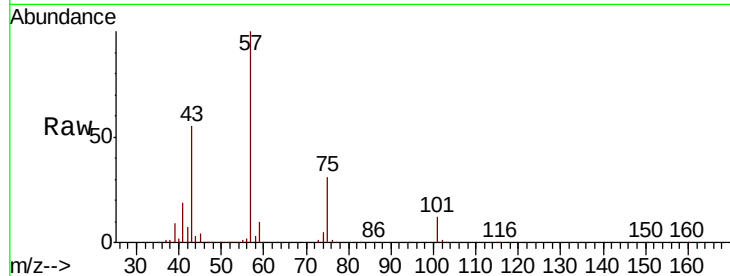
Tot Ion: 75 Resp: 29174

Ion Ratio Lower Upper

75 100

77 0.1 25.2 37.8#

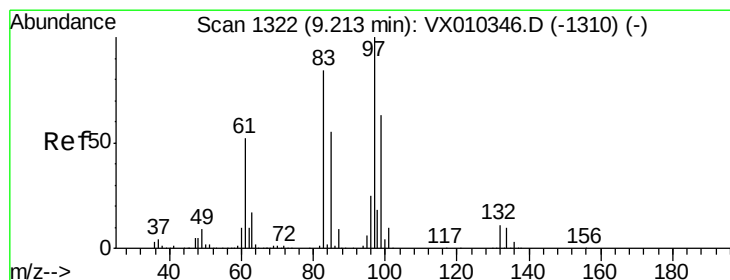
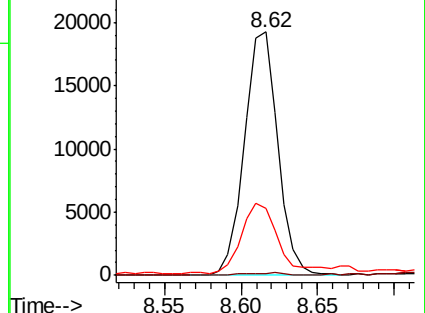
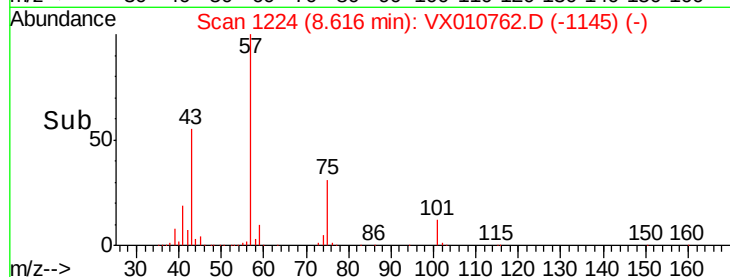
39 26.2 34.5 51.7#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0



#55

1,1,2-Trichloroethane

Concen: 1.119 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.05 min

Lab File: VX010762.D

Acq: 09 Jul 2019 19:41

Tgt Ion: 97 Resp: 2549

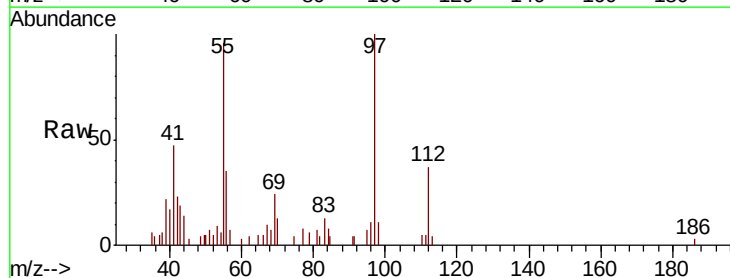
Ion Ratio Lower Upper

97 100

83 12.7 67.4 101.0#

85 4.4 43.8 65.8#

99 0.0 50.3 75.5#

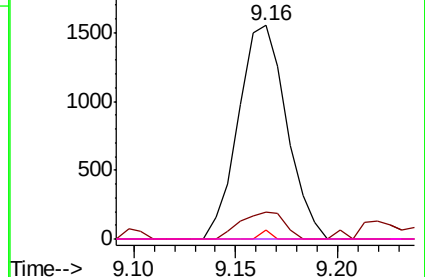
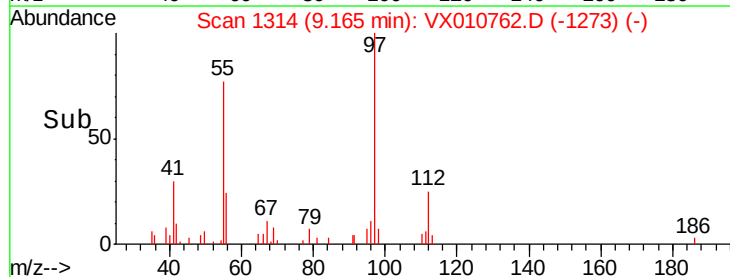


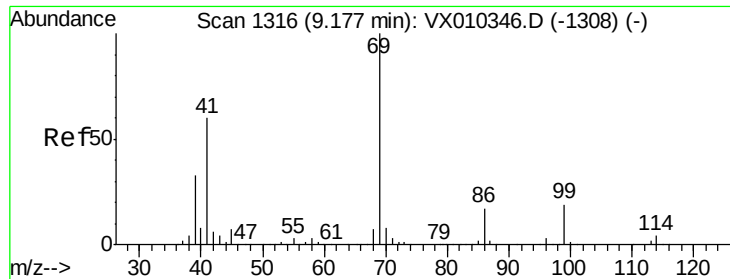
Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0





#56

Ethyl methacrylate

Concen: 0.242 ug/l

RT: 9.16 min Scan# 1313

Delta R.T. -0.02 min

Lab File: VX010762.D

Acq: 09 Jul 2019 19:41

Instrument :

MSVOA_X

ClientSampleId :

SOIL-SAMPLE-1

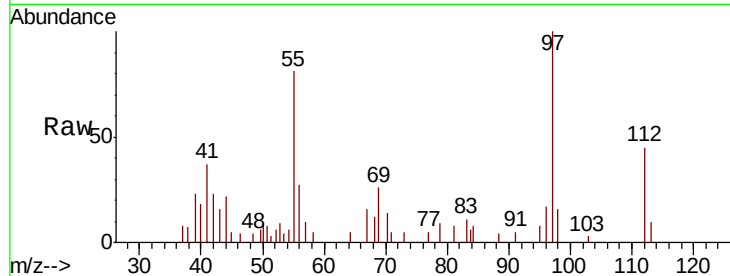
Tot Ion: 69 Resp: 835

Ion Ratio Lower Upper

69 100

41 105.7 47.1 70.7#

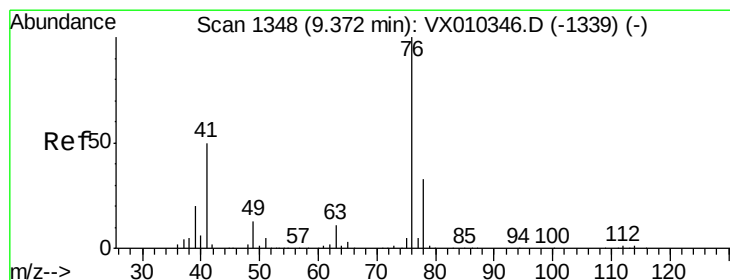
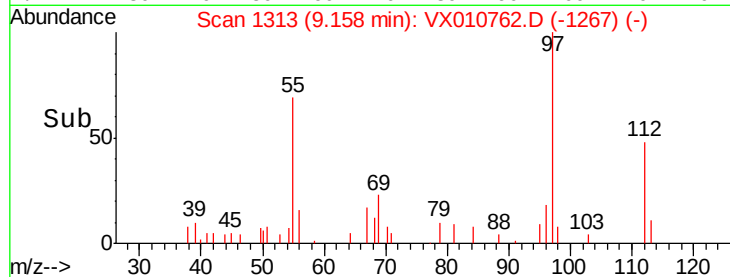
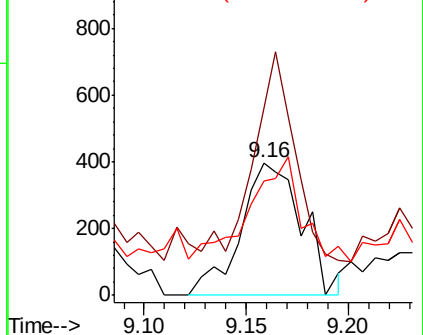
39 64.9 26.6 40.0#



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#57

1,3-Dichloropropane

Concen: 2.017 ug/l

RT: 9.54 min Scan# 1375

Delta R.T. 0.16 min

Lab File: VX010762.D

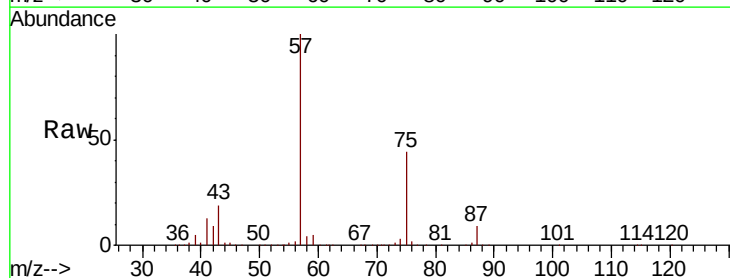
Acq: 09 Jul 2019 19:41

Tgt Ion: 76 Resp: 7130

Ion Ratio Lower Upper

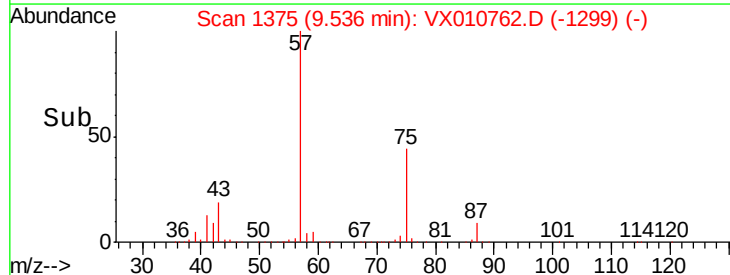
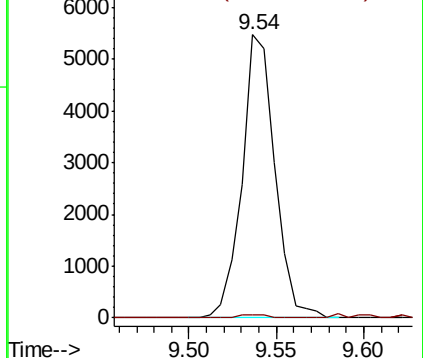
76 100

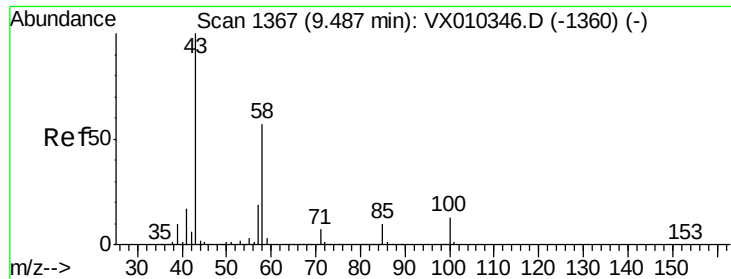
78 0.9 26.1 39.1#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

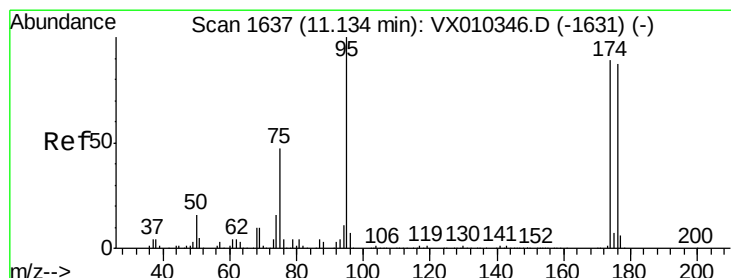
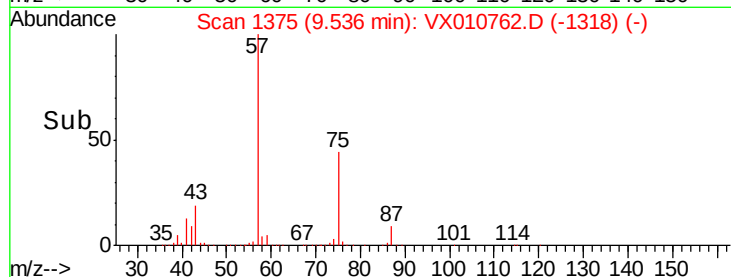
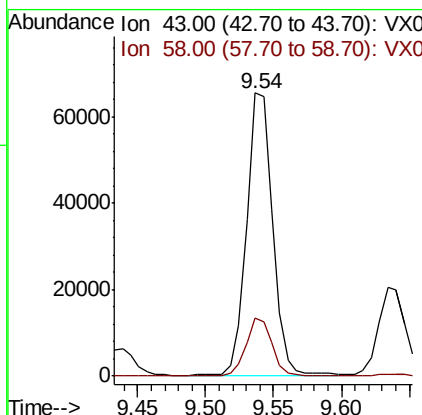
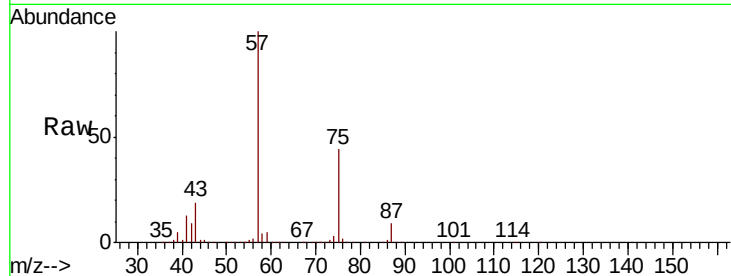




#59
2-Hexanone
Concen: 37.848 ug/l
RT: 9.54 min Scan# 1375
Delta R.T. 0.05 min
Lab File: VX010762.D
Acq: 09 Jul 2019 19:41

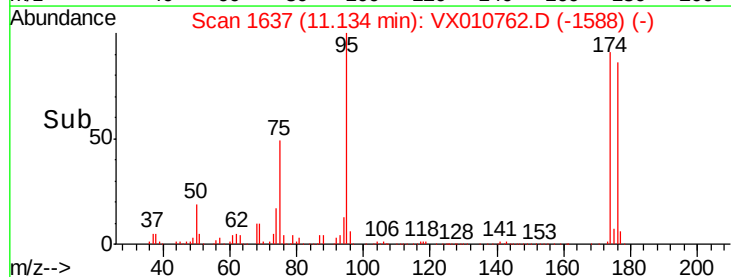
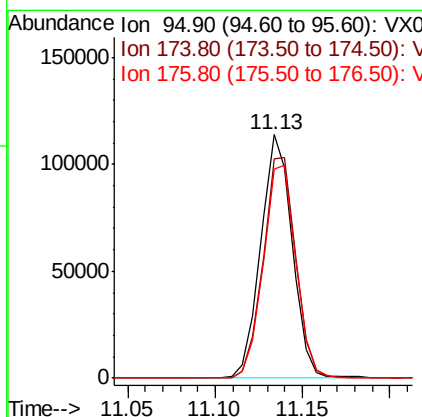
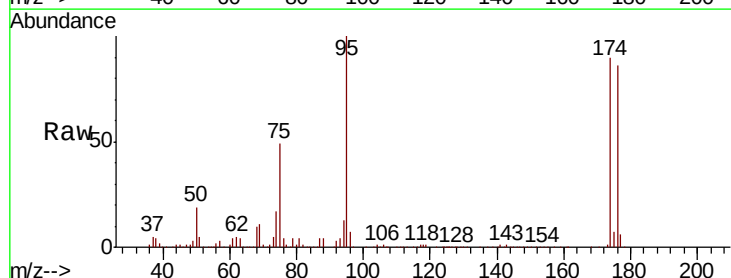
Instrument :
MSVOA_X
ClientSampled :
SOIL-SAMPLE-1

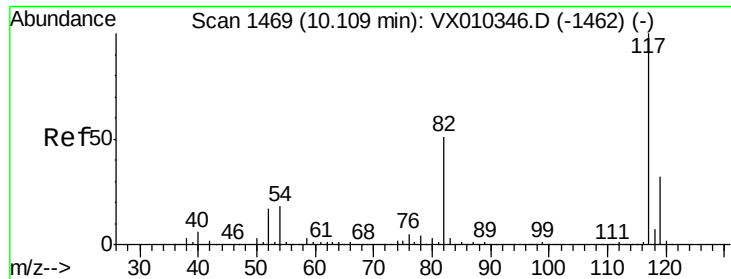
Tot Ion: 43 Resp: 87288
Ion Ratio Lower Upper
43 100
58 20.6 29.0 87.1#



#62
4-Bromofluorobenzene
Concen: 49.685 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010762.D
Acq: 09 Jul 2019 19:41

Tgt Ion: 95 Resp: 142234
Ion Ratio Lower Upper
95 100
174 94.4 0.0 187.6
176 90.9 0.0 184.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX010762.D

Acq: 09 Jul 2019 19:41

Instrument :

MSVOA_X

ClientSampleId :

SOIL-SAMPLE-1

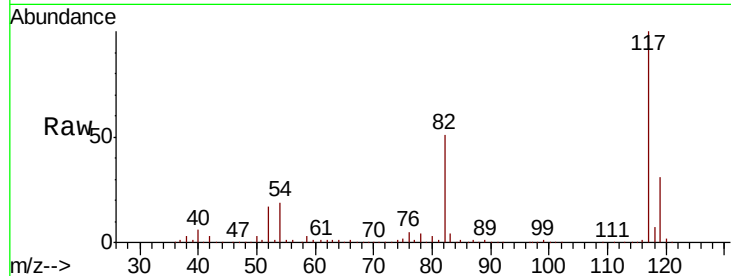
Tot Ion:117 Resp: 321735

Ion Ratio Lower Upper

117 100

82 51.4 41.2 61.8

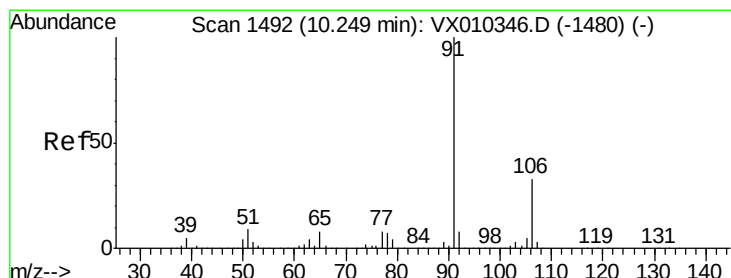
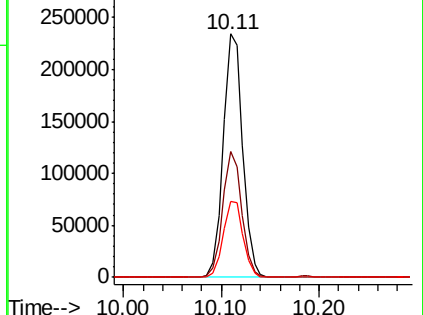
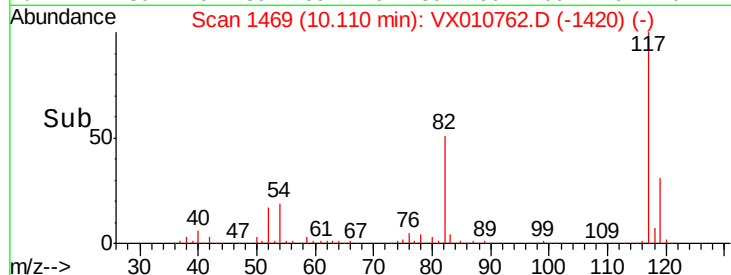
119 31.4 25.5 38.3



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



#67

Ethyl Benzene

Concen: 1.734 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX010762.D

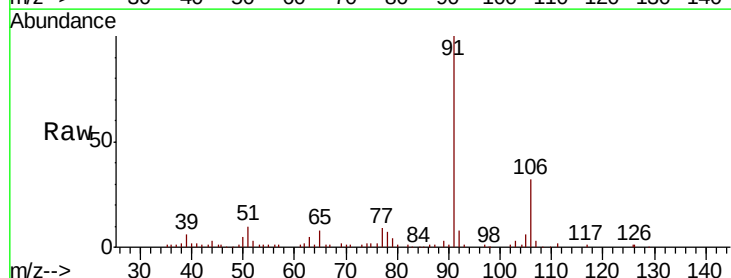
Acq: 09 Jul 2019 19:41

Tgt Ion: 91 Resp: 19116

Ion Ratio Lower Upper

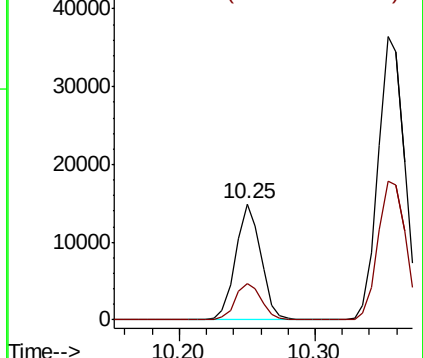
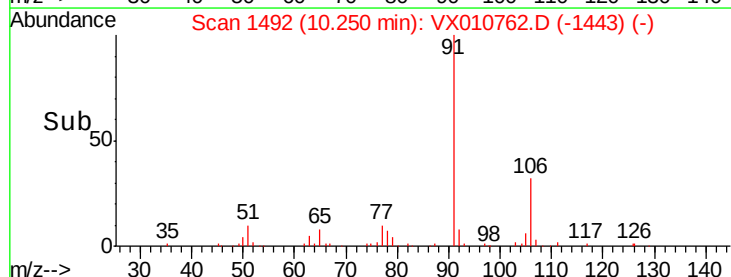
91 100

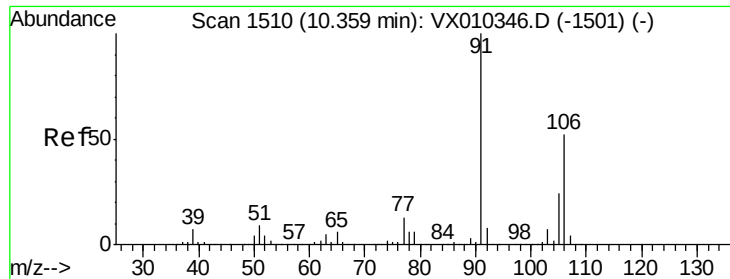
106 31.9 26.2 39.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

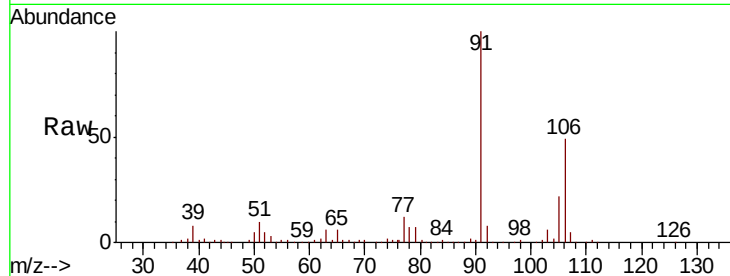




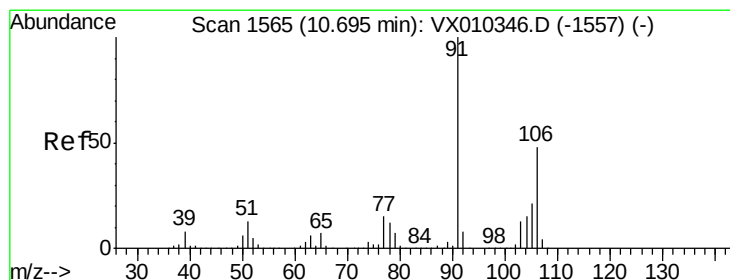
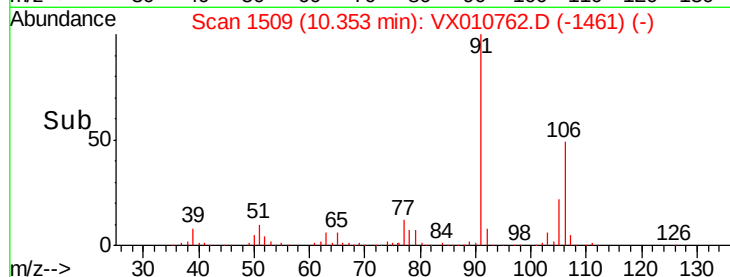
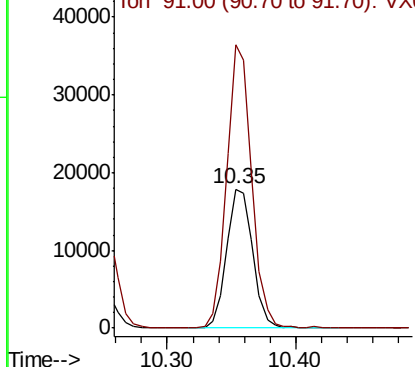
#68
m/p-Xylenes
Concen: 5.969 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX010762.D
Acq: 09 Jul 2019 19:41

Instrument :
MSVOA_X
ClientSampleId :
SOIL-SAMPLE-1

Tot Ion:106 Resp: 25505
Ion Ratio Lower Upper
106 100
91 193.0 155.3 232.9

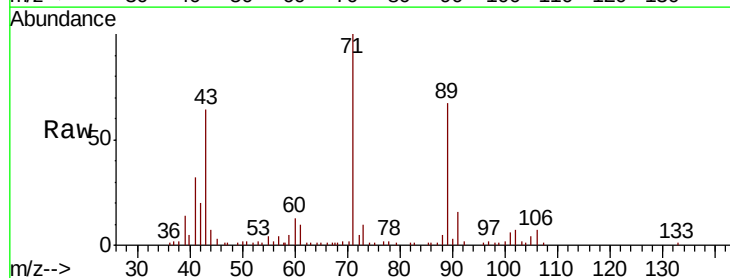


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

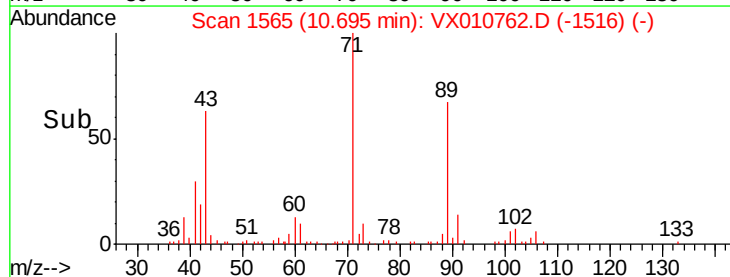
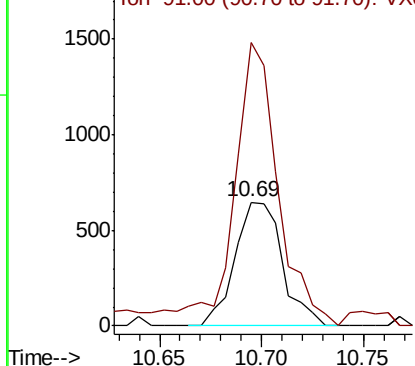


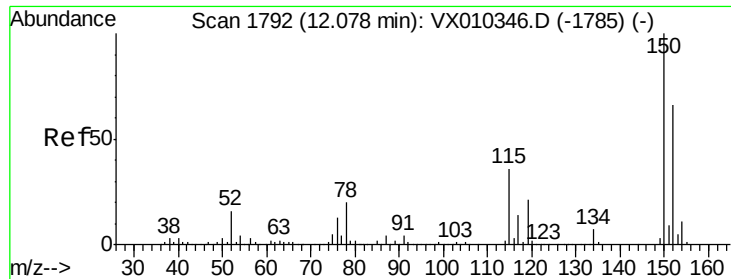
#69
o-Xylene
Concen: 0.248 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010762.D
Acq: 09 Jul 2019 19:41

Tgt Ion:106 Resp: 1044
Ion Ratio Lower Upper
106 100
91 214.3 102.7 308.1



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0



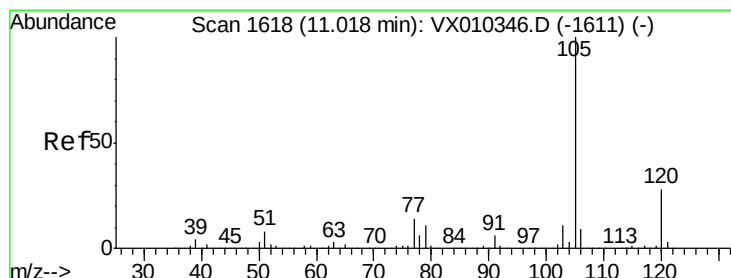
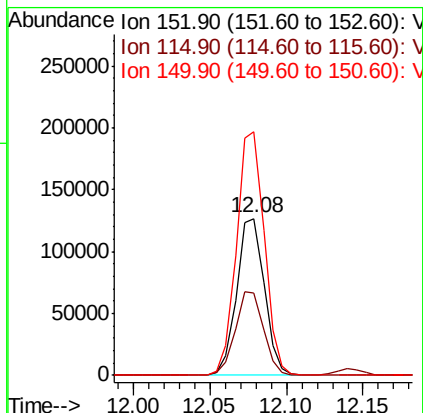
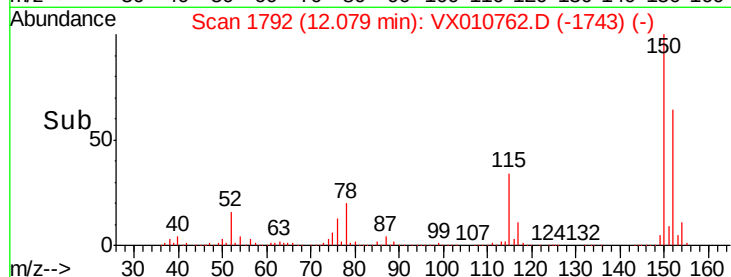
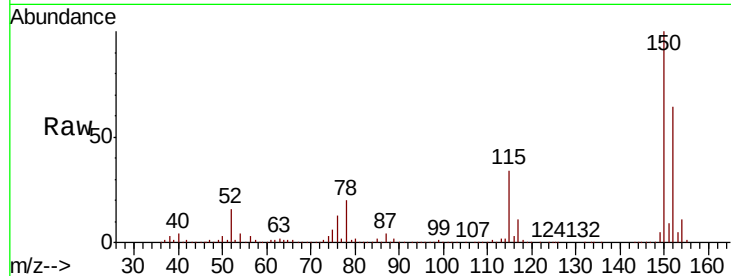


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010762.D
Acq: 09 Jul 2019 19:41

Instrument :
MSVOA_X
ClientSampleId :
SOIL-SAMPLE-1

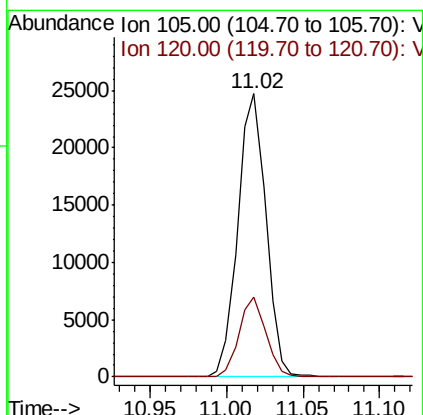
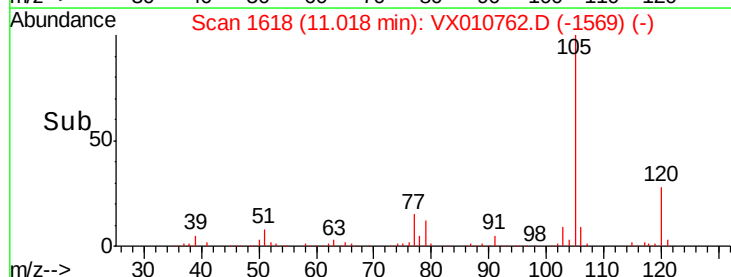
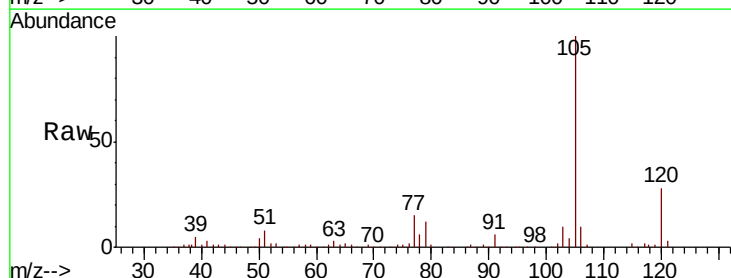
Tot Ion:152 Resp: 159126
Ion Ratio Lower Upper
152 100
115 54.0 38.6 115.7
150 155.8 0.0 347.4

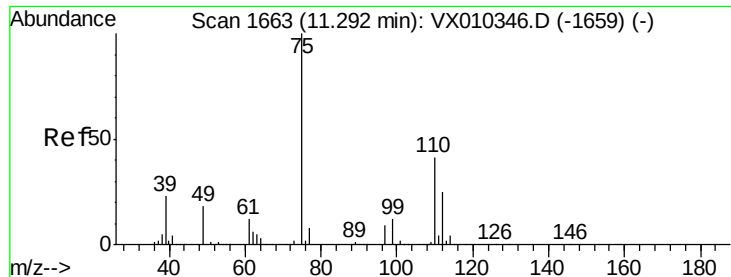


#73

Isopropylbenzene
Concen: 2.921 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX010762.D
Acq: 09 Jul 2019 19:41

Tgt Ion:105 Resp: 31508
Ion Ratio Lower Upper
105 100
120 26.9 14.1 42.4





#76

1,2,3-Trichloropropane

Concen: 23.849 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX010762.D

Acq: 09 Jul 2019 19:41

Instrument :

MSVOA_X

ClientSampleId :

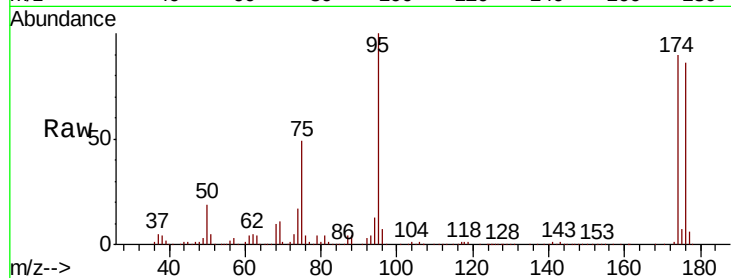
SOIL-SAMPLE-1

Tot Ion: 75 Resp: 69156

Ion Ratio Lower Upper

75 100

77 1.6 22.6 67.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

11.13

60000

50000

40000

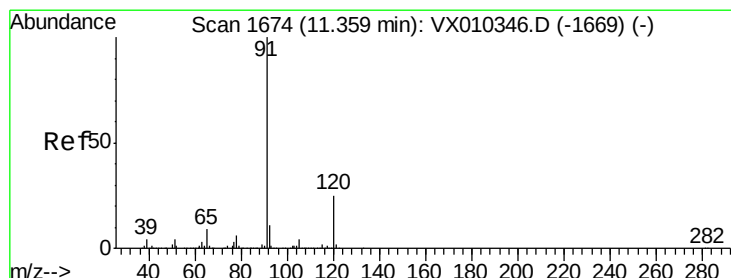
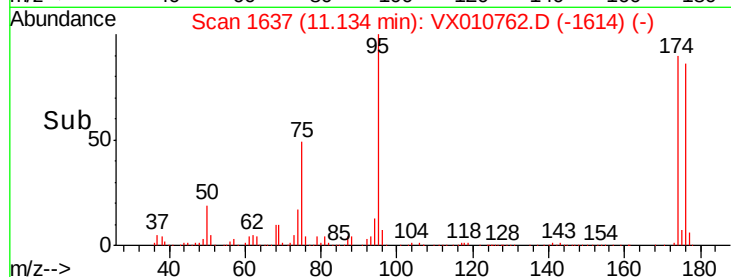
30000

20000

10000

0

Time--> 11.05 11.10 11.15 11.20



#78

n-propylbenzene

Concen: 3.623 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010762.D

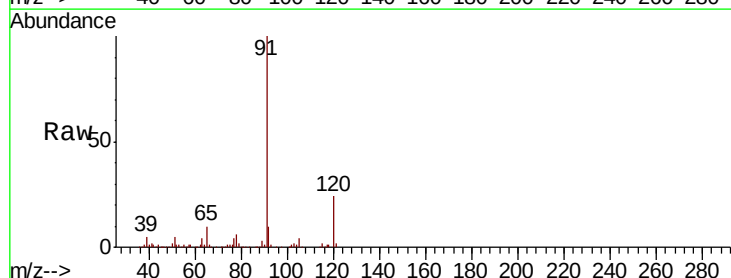
Acq: 09 Jul 2019 19:41

Tgt Ion: 91 Resp: 42953

Ion Ratio Lower Upper

91 100

120 24.8 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

11.36

40000

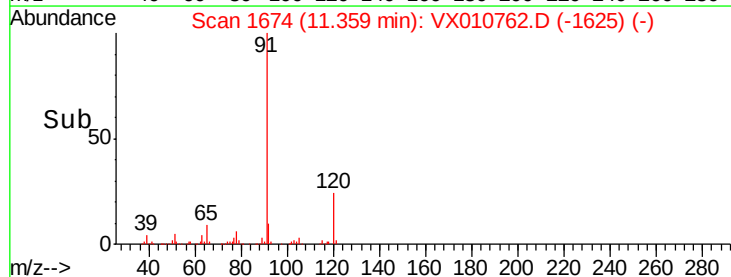
30000

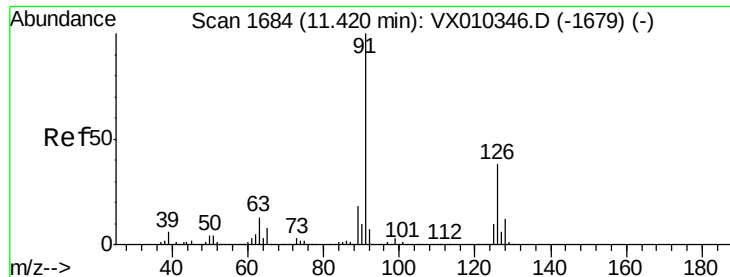
20000

10000

0

Time--> 11.30 11.35 11.40

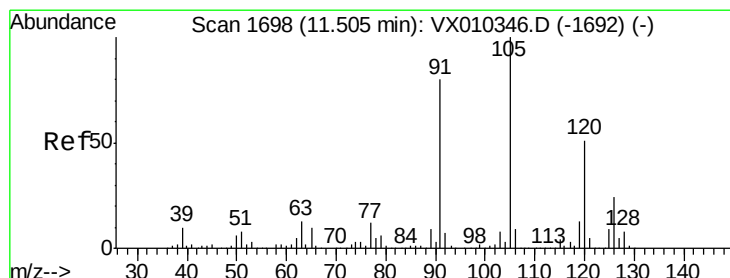
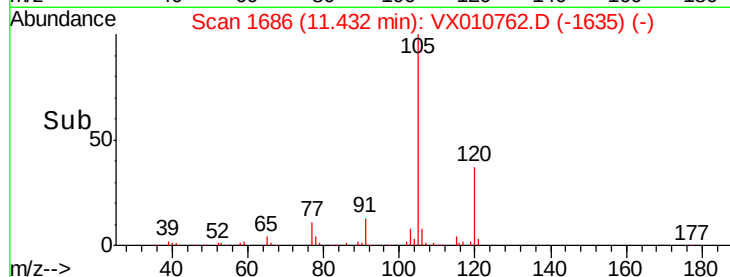
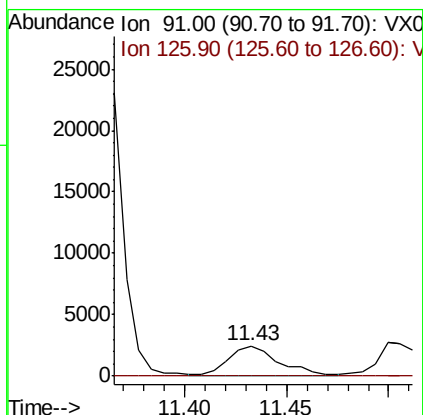
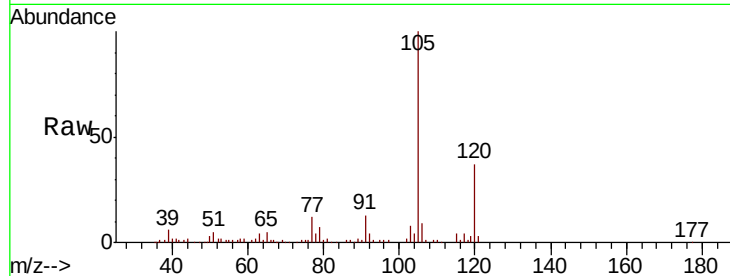




#79
 2-Chlorotoluene
 Concen: 0.600 ug/l
 RT: 11.43 min Scan# 1686
 Delta R.T. 0.01 min
 Lab File: VX010762.D
 Acq: 09 Jul 2019 19:41

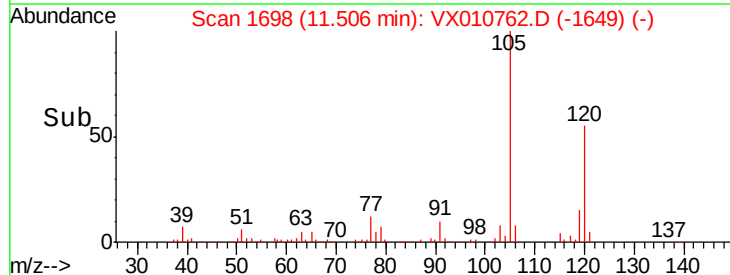
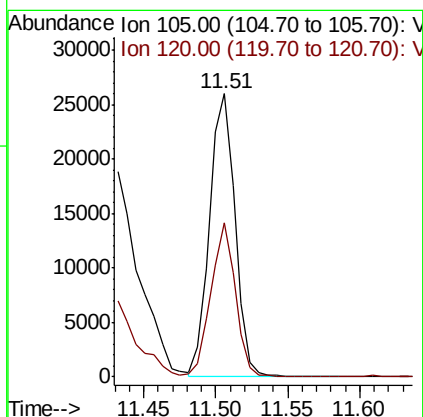
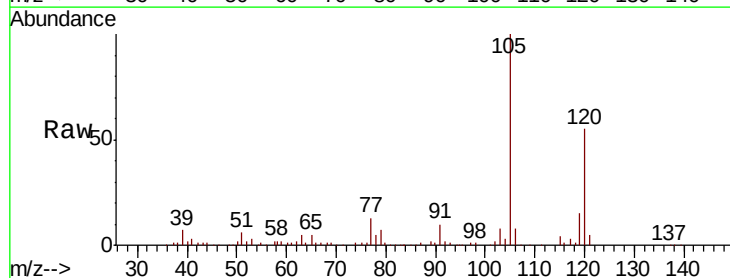
Instrument :
 MSVOA_X
 ClientSampleId :
 SOIL-SAMPLE-1

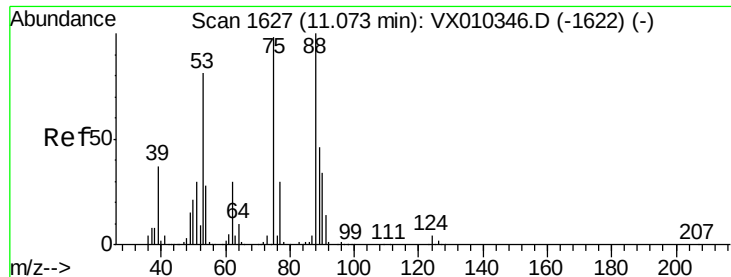
Tot Ion: 91 Resp: 4238
 Ion Ratio Lower Upper
 91 100
 126 1.1 18.7 56.1#



#80
 1,3,5-Trimethylbenzene
 Concen: 3.613 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX010762.D
 Acq: 09 Jul 2019 19:41

Tgt Ion: 105 Resp: 32129
 Ion Ratio Lower Upper
 105 100
 120 52.4 25.2 75.6

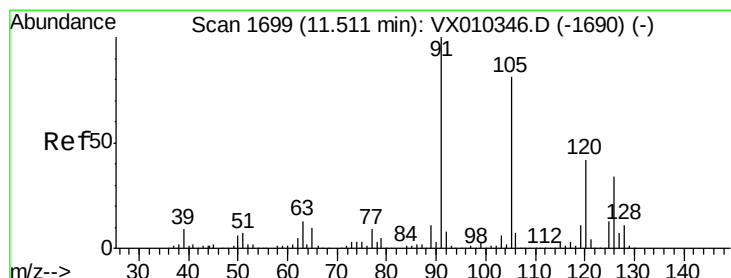
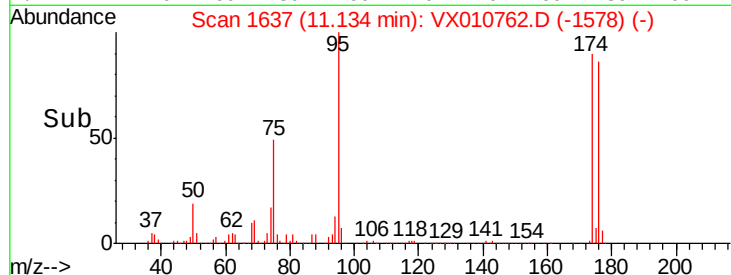
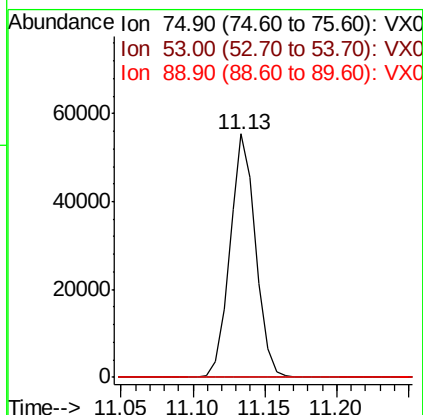
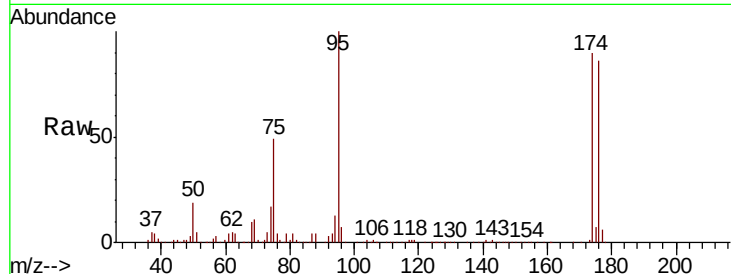




#81
trans-1,4-Dichloro-2-butene
Concen: 55.638 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX010762.D
Acq: 09 Jul 2019 19:41

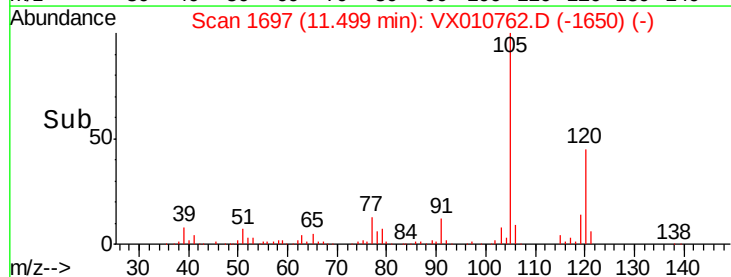
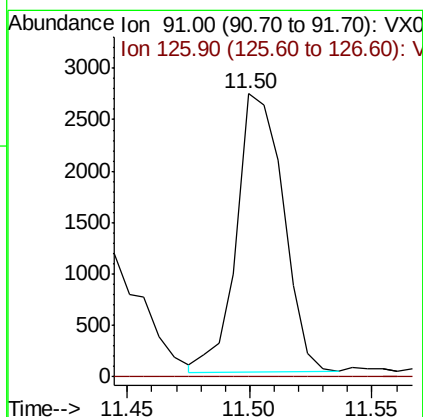
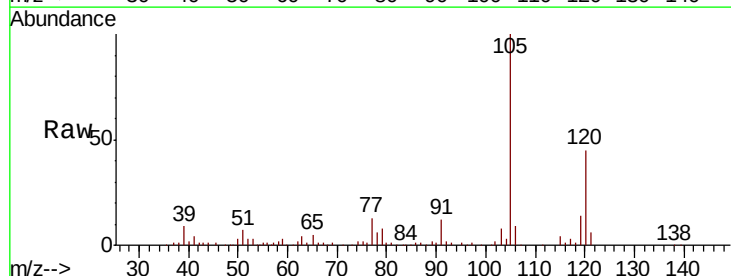
Instrument :
MSVOA_X
ClientSampleId :
SOIL-SAMPLE-1

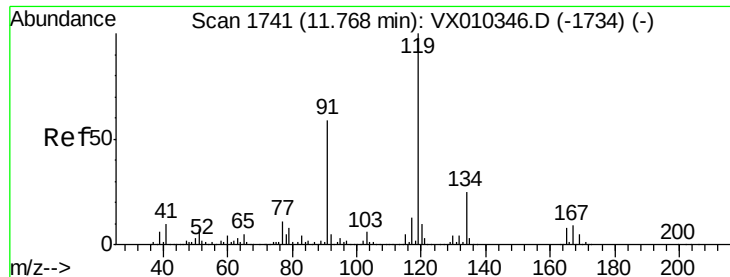
Tot Ion: 75 Resp: 69156
Ion Ratio Lower Upper
75 100
53 0.2 66.1 99.1#
89 0.0 37.8 56.6#



#82
4-Chlorotoluene
Concen: 0.448 ug/l
RT: 11.50 min Scan# 1697
Delta R.T. -0.01 min
Lab File: VX010762.D
Acq: 09 Jul 2019 19:41

Tgt Ion: 91 Resp: 3597
Ion Ratio Lower Upper
91 100
126 0.0 16.2 48.6#

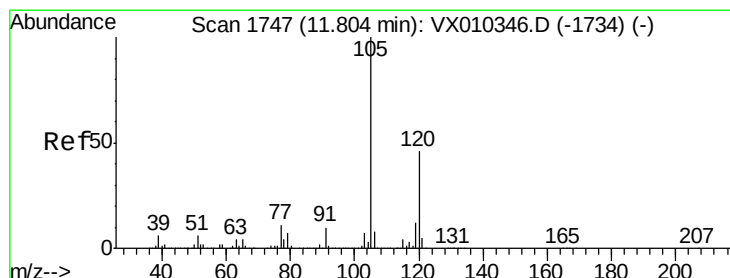
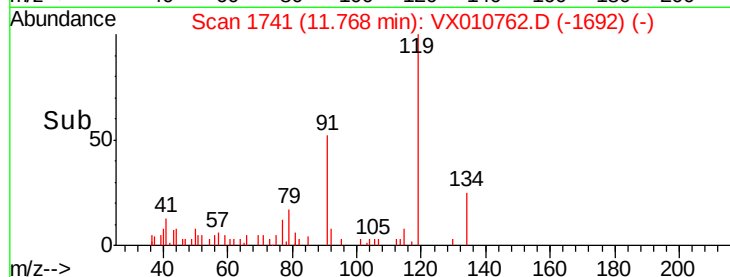
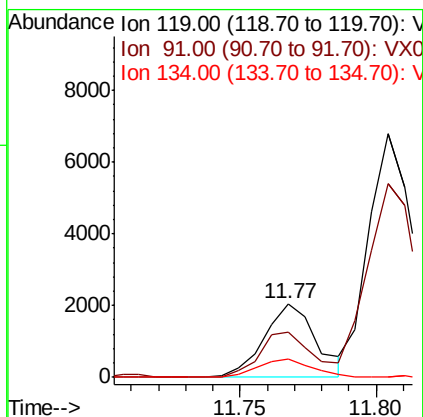
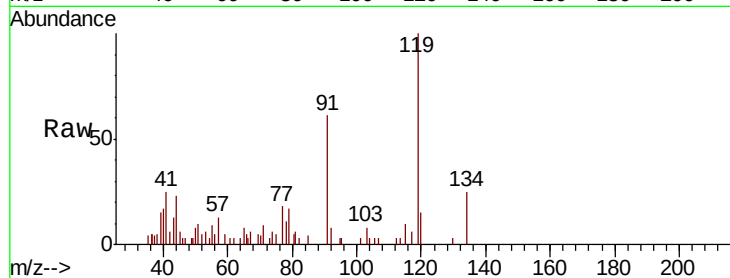




#83
 tert-Butylbenzene
 Concen: 0.306 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX010762.D
 Acq: 09 Jul 2019 19:41

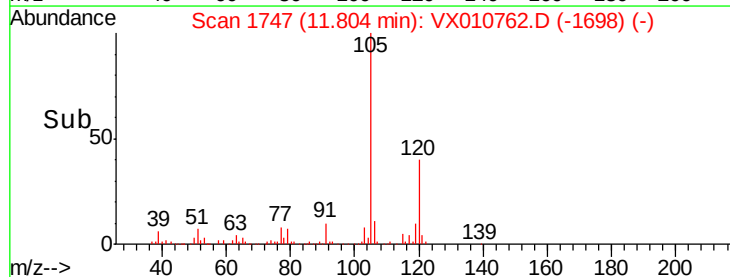
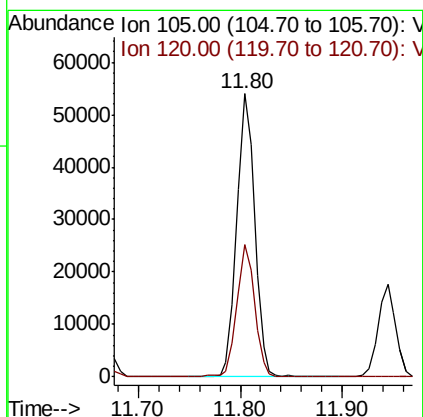
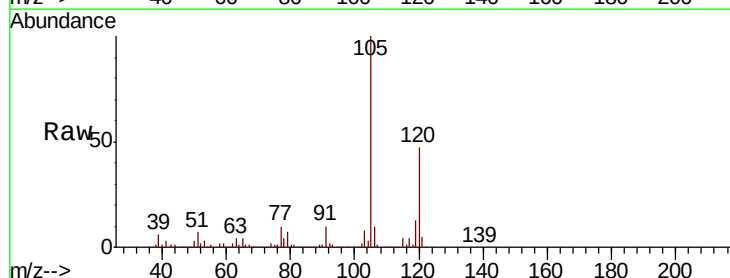
Instrument :
 MSVOA_X
 ClientSampled :
 SOIL-SAMPLE-1

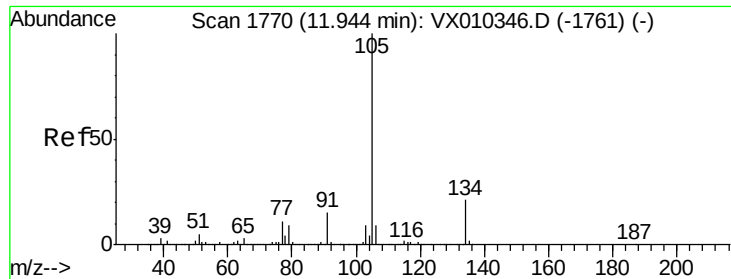
Tot Ion:119 Resp: 2730
 Ion Ratio Lower Upper
 119 100
 91 63.7 27.6 82.7
 134 25.9 11.8 35.4



#84
 1,2,4-Trimethylbenzene
 Concen: 7.310 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX010762.D
 Acq: 09 Jul 2019 19:41

Tgt Ion:105 Resp: 65310
 Ion Ratio Lower Upper
 105 100
 120 46.4 23.1 69.2





#85

sec-Butylbenzene

Concen: 2.077 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010762.D

Acq: 09 Jul 2019 19:41

Instrument :

MSVOA_X

ClientSampleId :

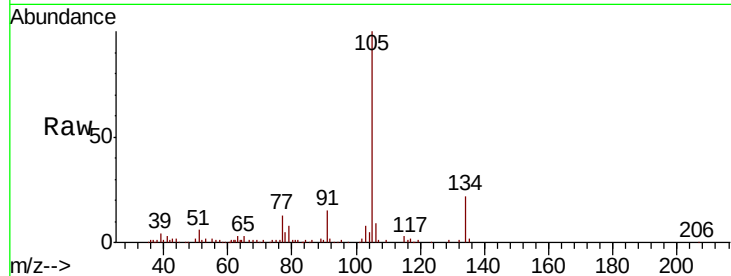
SOIL-SAMPLE-1

Tot Ion:105 Resp: 21765

Ion Ratio Lower Upper

105 100

134 27.1 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

20000

15000

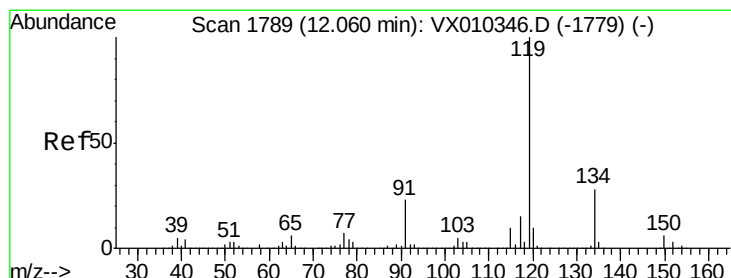
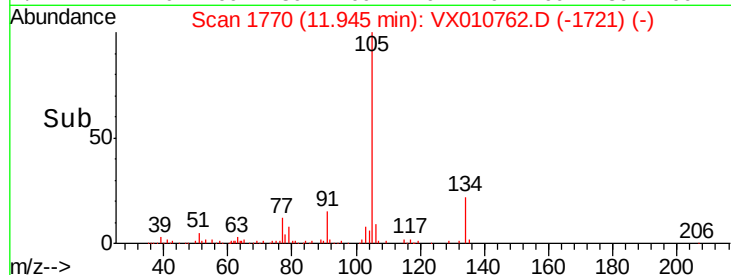
10000

5000

0

Time-->

11.85 11.90 11.95 12.00



#86

p-Isopropyltoluene

Concen: 0.765 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX010762.D

Acq: 09 Jul 2019 19:41

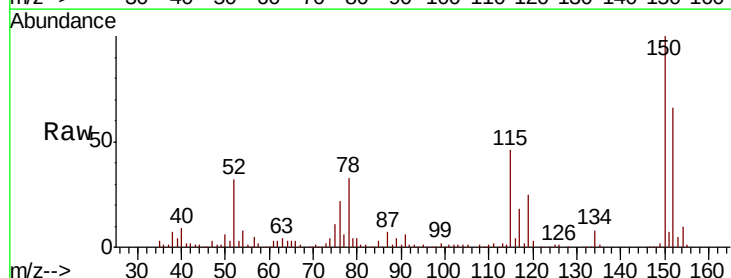
Tgt Ion:119 Resp: 7420

Ion Ratio Lower Upper

119 100

134 28.2 13.7 41.1

91 29.2 11.3 33.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

10000

8000

6000

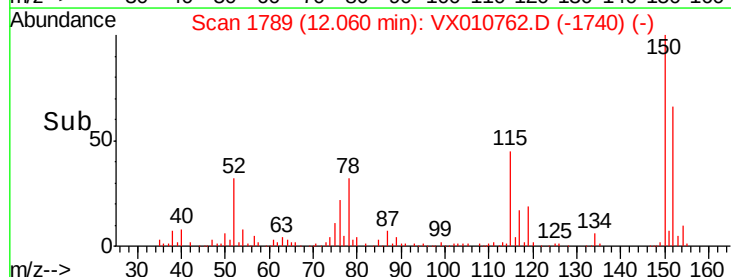
4000

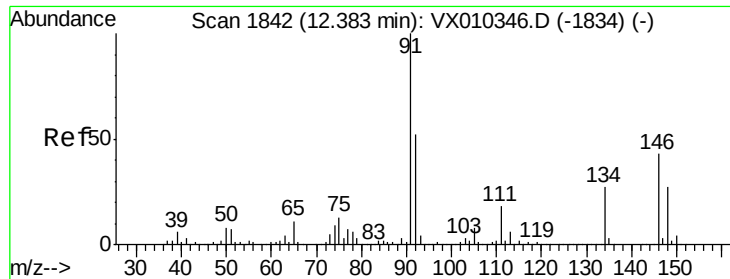
2000

0

Time-->

12.05 12.10

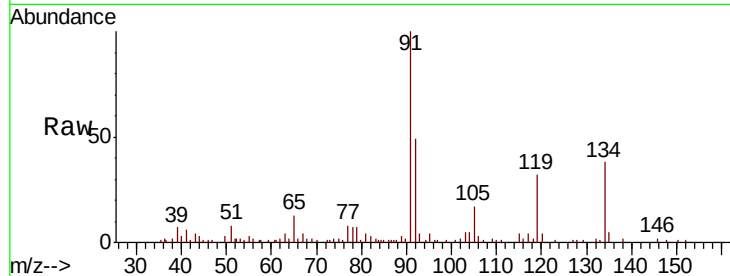




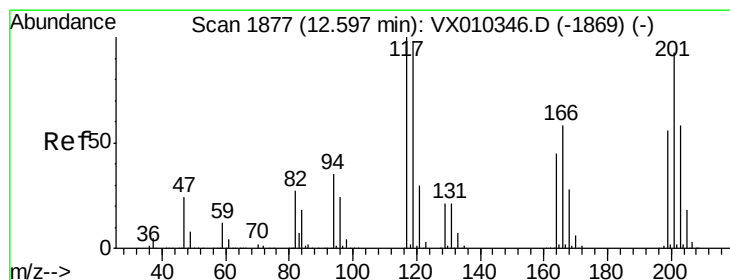
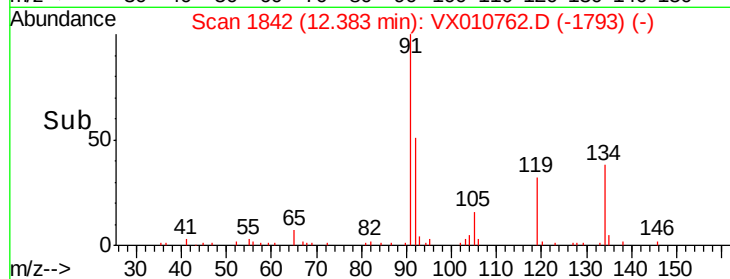
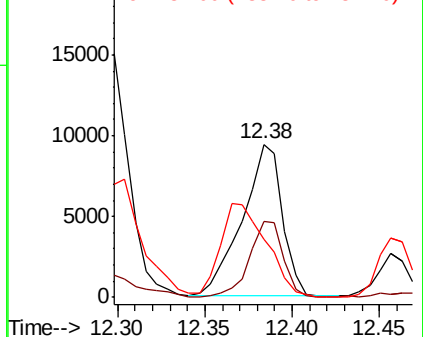
#89
n-Butylbenzene
Concen: 1.833 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX010762.D
Acq: 09 Jul 2019 19:41

Instrument :
MSVOA_X
ClientSampleId :
SOIL-SAMPLE-1

Tot Ion: 91 Resp: 15096
Ion Ratio Lower Upper
91 100
92 42.2 26.2 78.5
134 70.8 14.1 42.4#

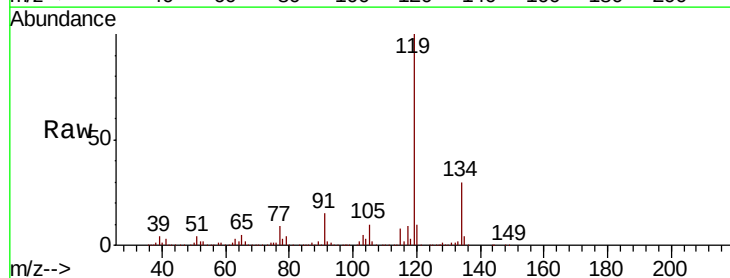


Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 92.00 (91.70 to 92.70): VX0
Ion 134.00 (133.70 to 134.70): V

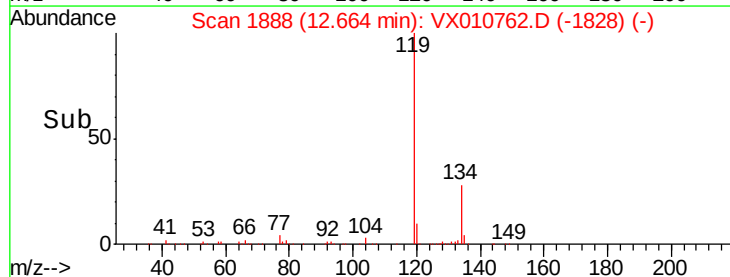
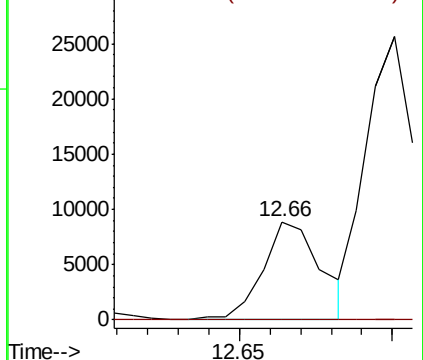


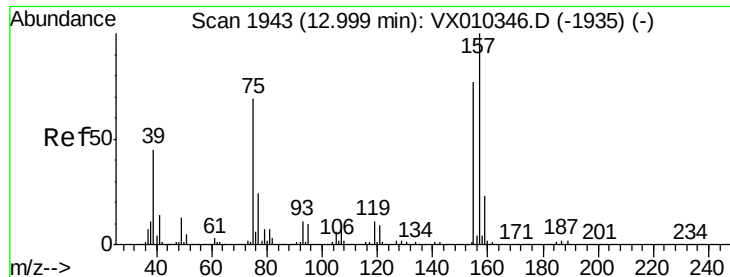
#90
Hexachloroethane
Concen: 6.877 ug/l
RT: 12.66 min Scan# 1888
Delta R.T. 0.07 min
Lab File: VX010762.D
Acq: 09 Jul 2019 19:41

Tgt Ion: 117 Resp: 11527
Ion Ratio Lower Upper
117 100
201 0.0 44.0 131.8#



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.358 ug/l

RT: 13.02 min Scan# 1946

Delta R.T. 0.02 min

Lab File: VX010762.D

Acq: 09 Jul 2019 19:41

Instrument :

MSVOA_X

ClientSampled :

SOIL-SAMPLE-1

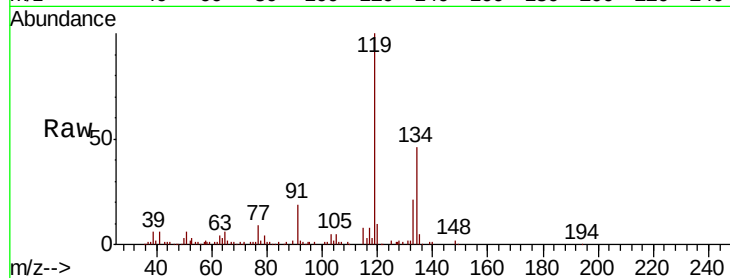
Tot Ion: 75 Resp: 276

Ion Ratio Lower Upper

75 100

155 0.0 54.4 163.1#

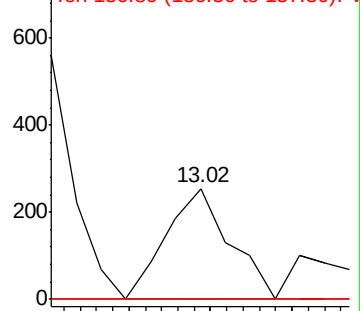
157 0.0 69.5 208.3#



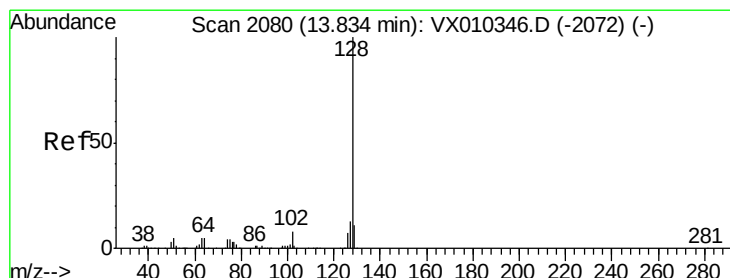
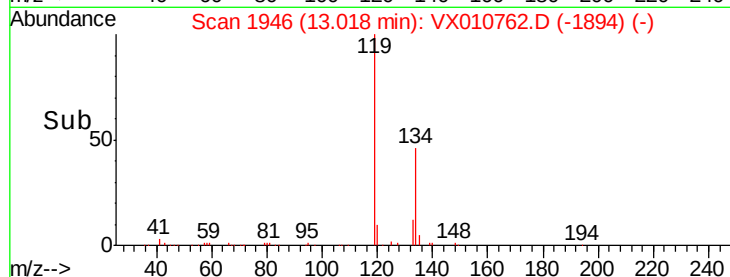
Abundance Ion 74.90 (74.60 to 75.60): VX010762.D (-1894) (-)

Ion 154.80 (154.50 to 155.50): VX010762.D (-1894) (-)

Ion 156.80 (156.50 to 157.50): VX010762.D (-1894) (-)



Time-->



#95

Naphthalene

Concen: 112.979 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX010762.D

Acq: 09 Jul 2019 19:41

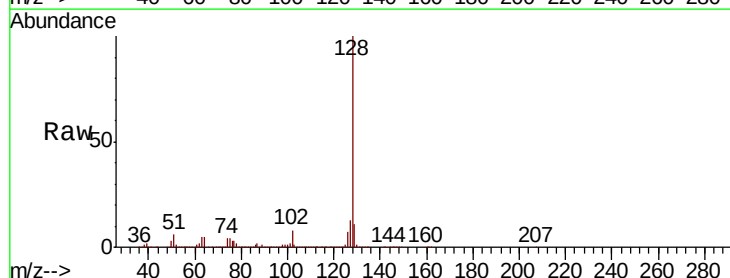
Tgt Ion: 128 Resp: 1258121

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.4

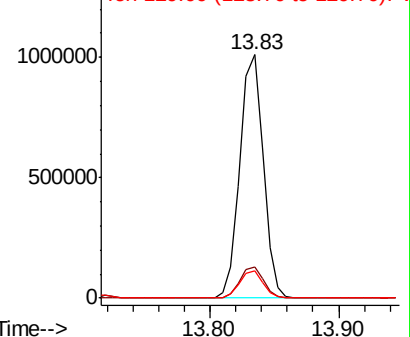
129 11.2 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): VX010762.D (-2031) (-)

Ion 127.00 (126.70 to 127.70): VX010762.D (-2031) (-)

Ion 129.00 (128.70 to 129.70): VX010762.D (-2031) (-)



Time-->

