

Data File : VX001950.D

Acq On : 24 May 2018 19:23

Operator : JC/MD

Sample : J3071-01

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SOIL-CUTTINGS

Quant Time: May 25 03:35:32 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M

Quant Title : SW846 8260

QLast Update : Thu May 24 13:09:03 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	345649	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	527130	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	483377	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	259863	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	273409	44.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.50%	
35) Dibromofluoromethane	5.51	113	210770	39.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.96%	
50) Toluene-d8	8.72	98	755672	39.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.20%	
62) 4-Bromofluorobenzene	11.14	95	281097	37.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	75.30%	

Target Compounds

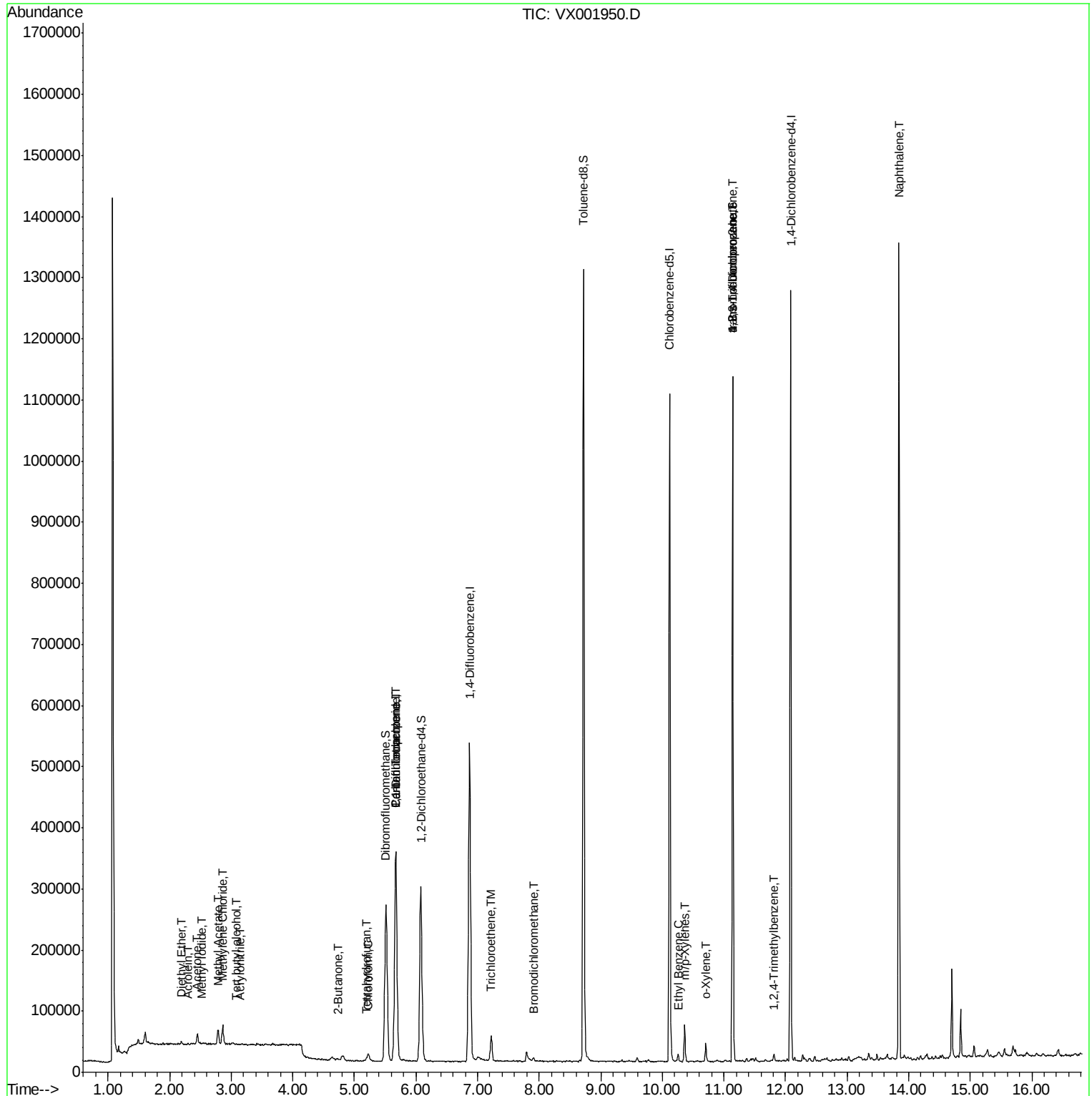
						Qvalue
2) Dichlorodifluoromethane	1.18	85	205	Below Cal	#	70
5) Bromomethane	1.65	94	1640	Below Cal		82
8) Diethyl Ether	2.19	74	1613	0.58	ug/l	77
10) Methyl Iodide	2.53	142	2177	0.37	ug/l	96
11) Tert butyl alcohol	3.09	59	1140	0.94	ug/l #	86
13) Acrolein	2.31	56	383	0.73	ug/l #	78
15) Acrylonitrile	3.15	53	712	0.29	ug/l #	38
16) Acetone	2.45	43	19067	8.00	ug/l	98
18) Methyl Acetate	2.78	43	28630	3.94	ug/l	98
20) Methylene Chloride	2.86	84	13535	1.67	ug/l	91
21) trans-1,2-Dichloroethene	3.17	96	182	Below Cal	#	1
25) 2-Butanone	4.73	43	5244	1.20	ug/l #	88
28) Bromochloromethane	5.03	49	182	Below Cal	#	23
29) Tetrahydrofuran	5.18	42	2347	0.83	ug/l #	88
30) Chloroform	5.23	83	11750	1.28	ug/l	85
36) 1,1-Dichloropropene	5.67	75	24299	3.31	ug/l #	53
38) Carbon Tetrachloride	5.67	117	32423	3.79	ug/l #	14
41) Methacrylonitrile	5.07	41	189	Below Cal	#	54
44) Trichloroethene	7.22	130	15389	2.46	ug/l	96
47) Bromodichloromethane	7.91	83	2901	0.35	ug/l #	88
67) Ethyl Benzene	10.26	91	7782	0.29	ug/l	91
68) m/p-Xylenes	10.37	106	14559	1.43	ug/l	98
69) o-Xylene	10.71	106	6397	0.63	ug/l	98
74) N-ethyl acetate	6.47	43	324	Below Cal	#	7
75) 1,1,2,2-Tetrachloroethane	11.27	83	71	Below Cal	#	1
76) 1,2,3-Trichloropropane	11.14	75	146260	23.43	ug/l #	32
79) 2-Chlorotoluene	11.62	91	260	Below Cal		70
81) trans-1,4-Dichloro-2-buten	11.14	75	146260	56.32	ug/l #	10
84) 1,2,4-Trimethylbenzene	11.81	105	5254	0.27	ug/l	98
95) Naphthalene	13.84	128	783106	33.37	ug/l	100

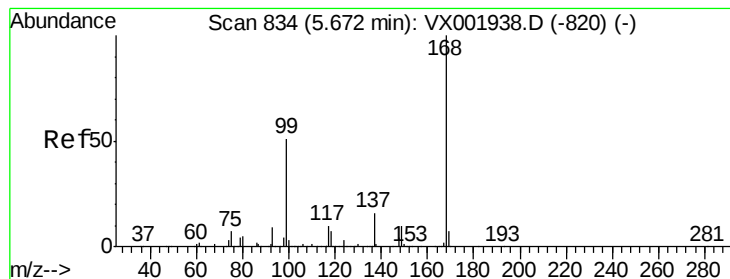
(#)=qualifier out of range (m)=manual integration (+)=signals summed

ALS Vial : 17 Sample Multiplier: 1

SOIL-CUTTINGS

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001950.D

Acq: 24 May 2018 19:23

Instrument :

MSVOA_X

ClientSampled :

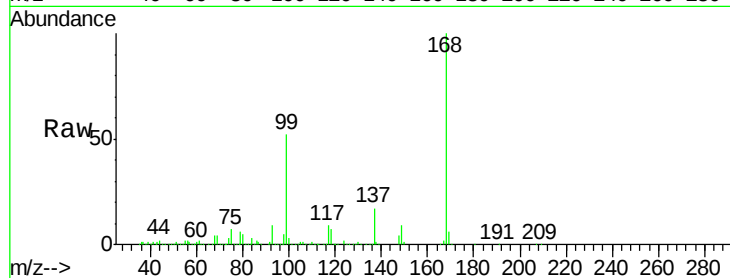
SOIL-CUTTINGS

Tgt Ion:168 Resp: 345649

Ion Ratio Lower Upper

168 100

99 51.4 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

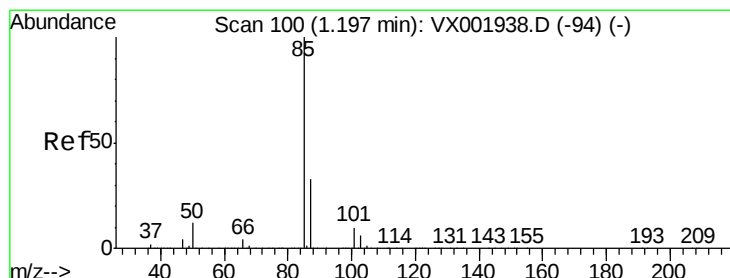
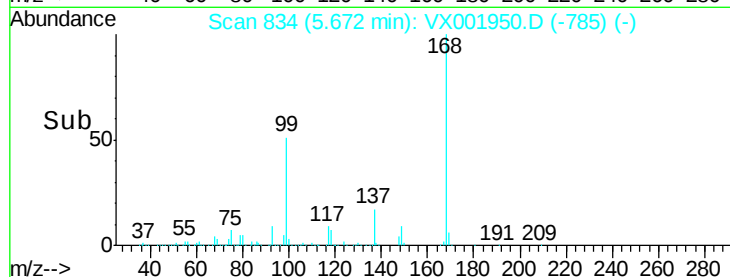
5.67

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.18 min Scan# 97

Delta R.T. -0.02 min

Lab File: VX001950.D

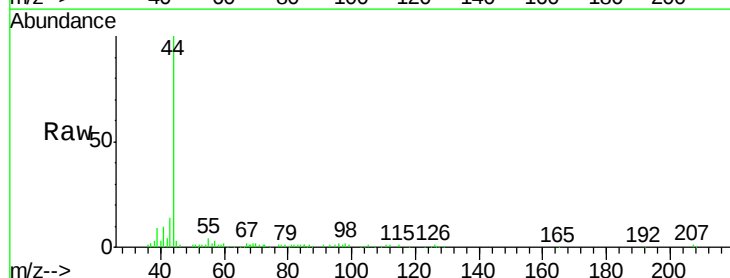
Acq: 24 May 2018 19:23

Tgt Ion: 85 Resp: 205

Ion Ratio Lower Upper

85 100

87 50.5 16.7 50.0#



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

400

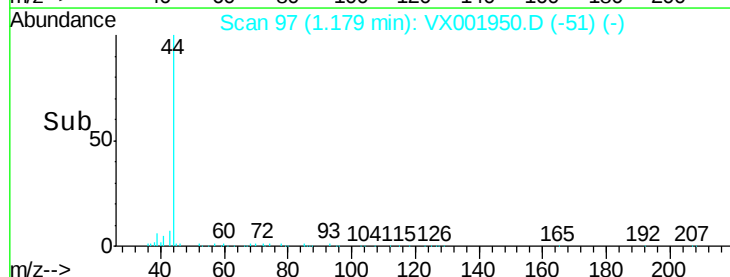
300

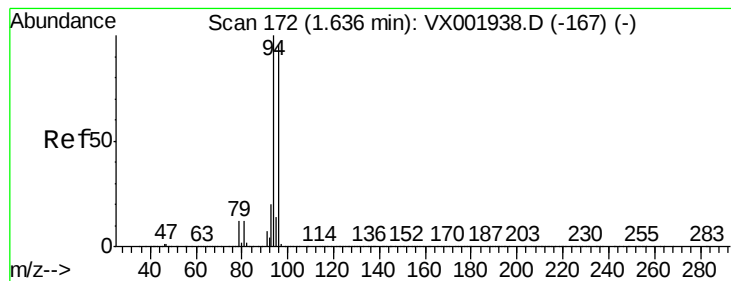
200

100

0

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX001950.D

Acq: 24 May 2018 19:23

Instrument :

MSVOA_X

ClientSampleId :

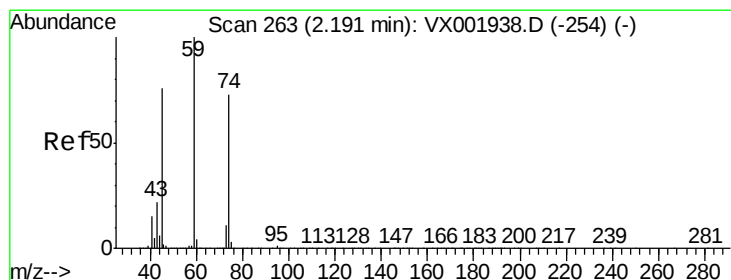
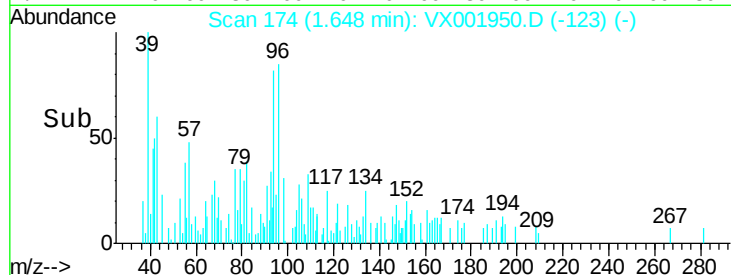
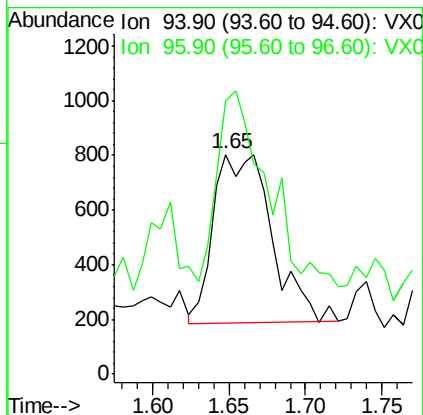
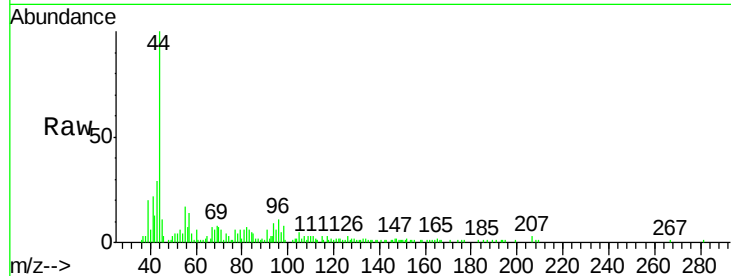
SOIL-CUTTINGS

Tgt Ion: 94 Resp: 1640

Ion Ratio Lower Upper

94 100

96 112.3 75.9 113.9



#8

Diethyl Ether

Concen: 0.58 ug/l

RT: 2.19 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX001950.D

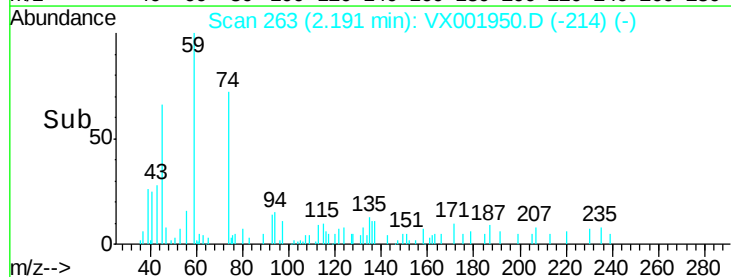
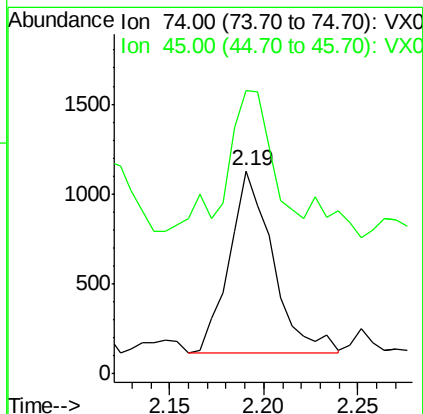
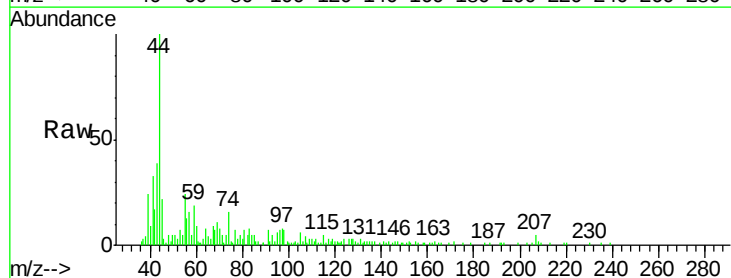
Acq: 24 May 2018 19:23

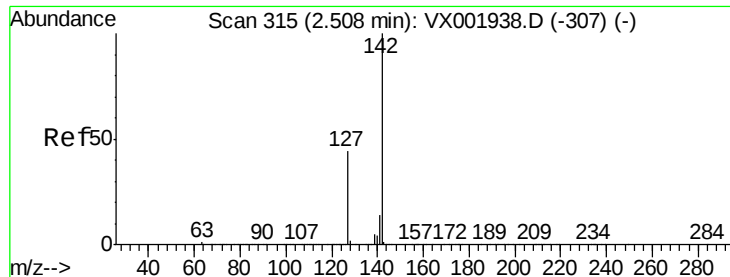
Tgt Ion: 74 Resp: 1613

Ion Ratio Lower Upper

74 100

45 79.6 51.5 154.7

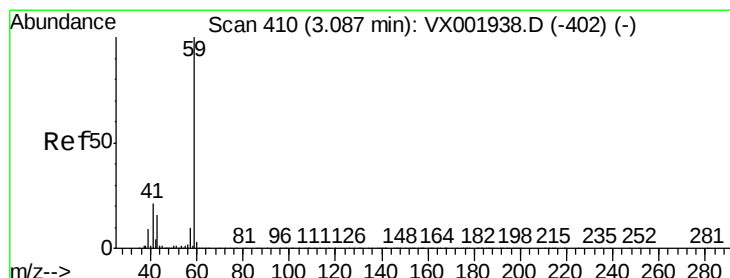
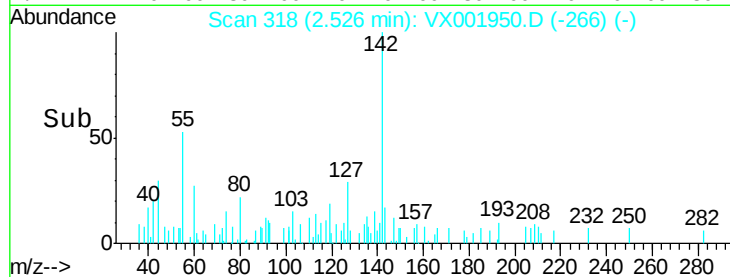
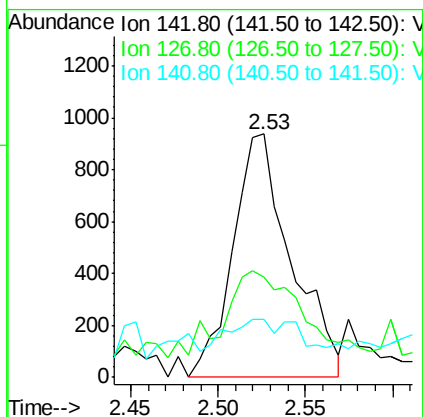
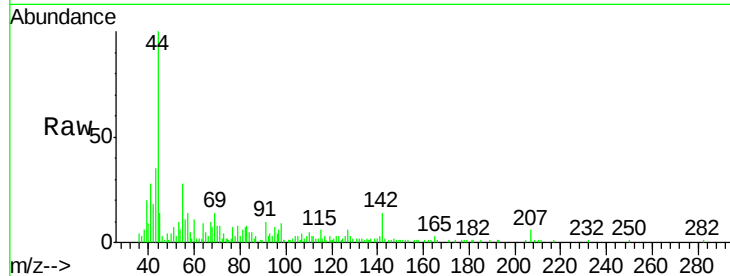




#10
Methyl Iodide
Concen: 0.37 ug/l
RT: 2.53 min Scan# 318
Delta R.T. 0.02 min
Lab File: VX001950.D
Acq: 24 May 2018 19:23

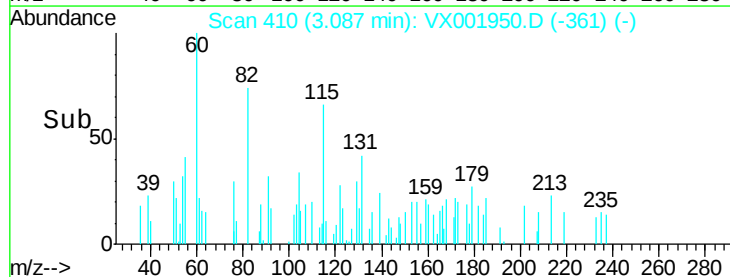
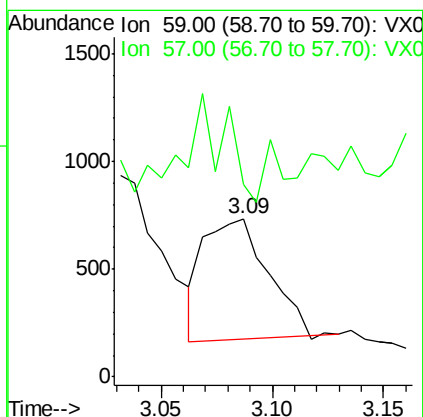
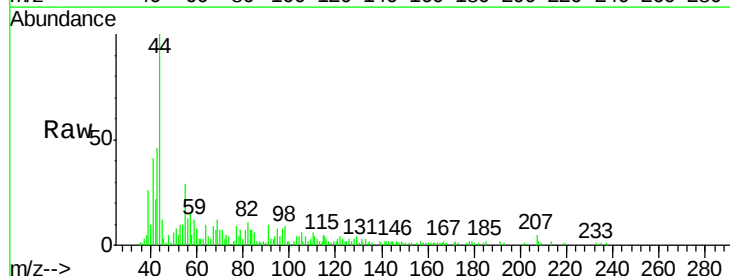
Instrument :
MSVOA_X
ClientSampleId :
SOIL-CUTTINGS

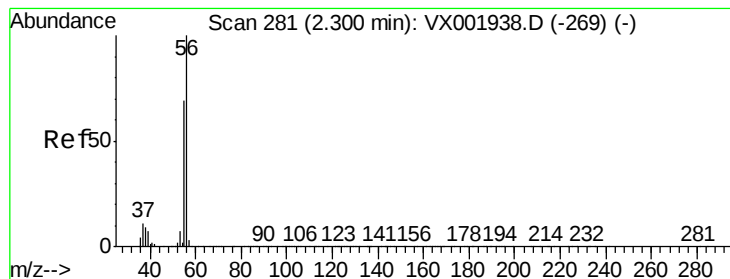
Tgt Ion:142 Resp: 2177
Ion Ratio Lower Upper
142 100
127 47.6 35.5 53.3
141 14.6 11.3 16.9



#11
Tert butyl alcohol
Concen: 0.94 ug/l
RT: 3.09 min Scan# 410
Delta R.T. 0.00 min
Lab File: VX001950.D
Acq: 24 May 2018 19:23

Tgt Ion: 59 Resp: 1140
Ion Ratio Lower Upper
59 100
57 16.4 8.9 13.3#





#13

Acrolein

Concen: 0.73 ug/l

RT: 2.31 min Scan# 282

Delta R.T. 0.01 min

Lab File: VX001950.D

Acq: 24 May 2018 19:23

Instrument :

MSVOA_X

ClientSampleId :

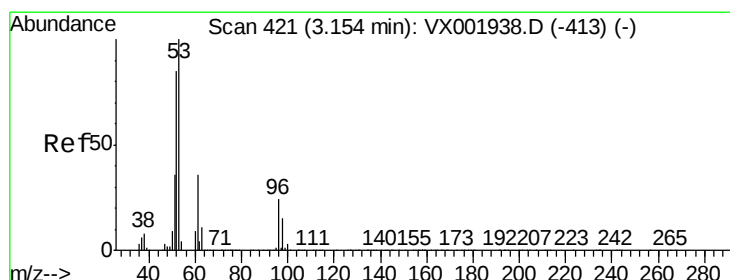
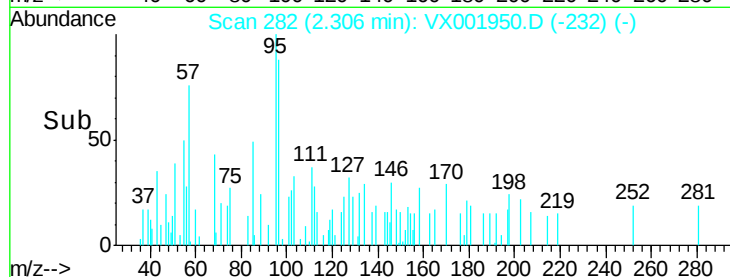
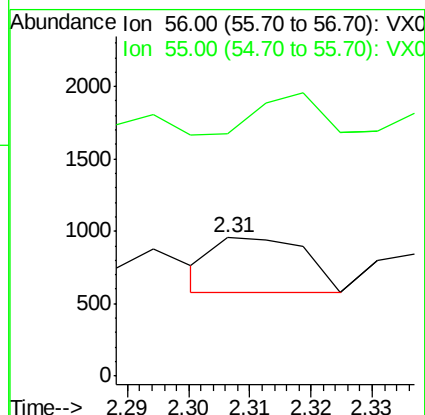
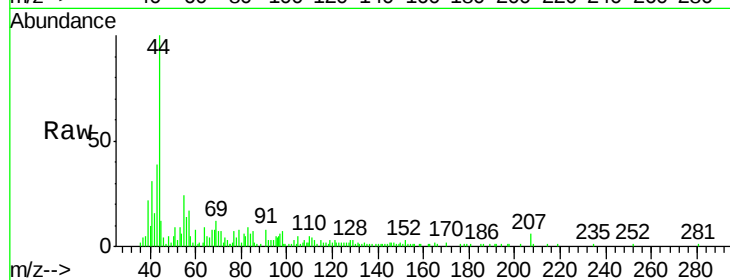
SOIL-CUTTINGS

Tgt Ion: 56 Resp: 383

Ion Ratio Lower Upper

56 100

55 52.5 56.8 85.2#



#15

Acrylonitrile

Concen: 0.29 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.01 min

Lab File: VX001950.D

Acq: 24 May 2018 19:23

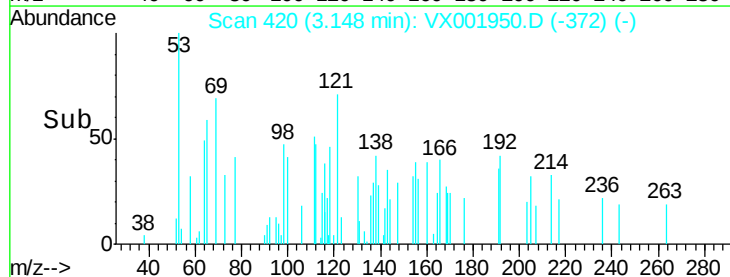
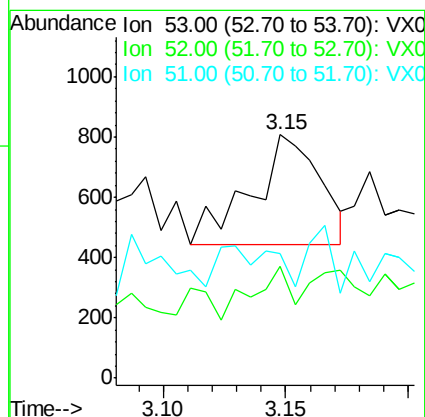
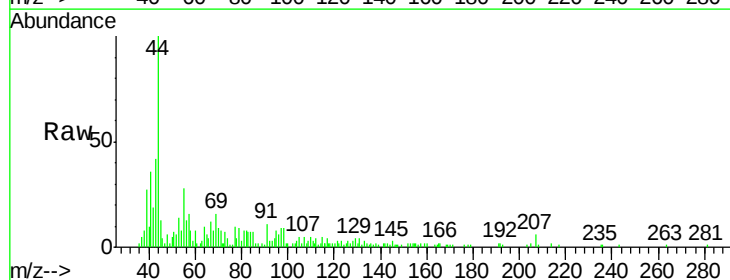
Tgt Ion: 53 Resp: 712

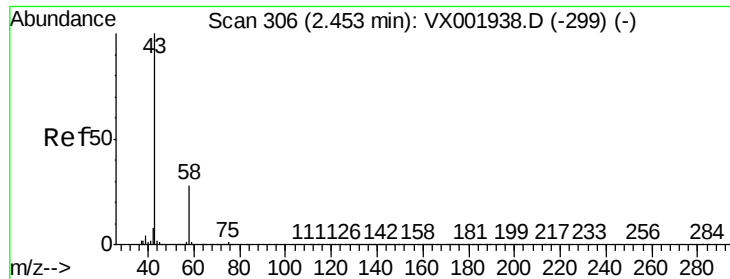
Ion Ratio Lower Upper

53 100

52 26.5 66.4 99.6#

51 0.0 29.3 43.9#

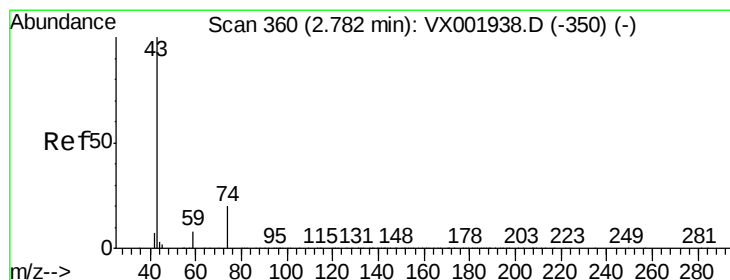
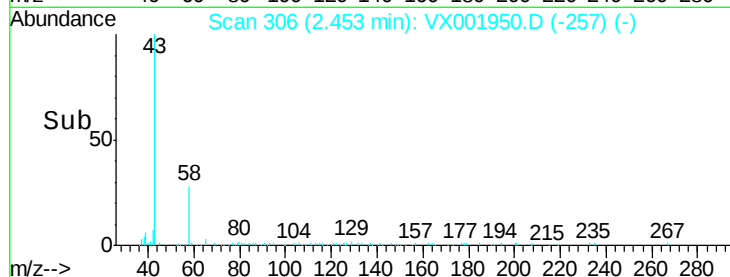
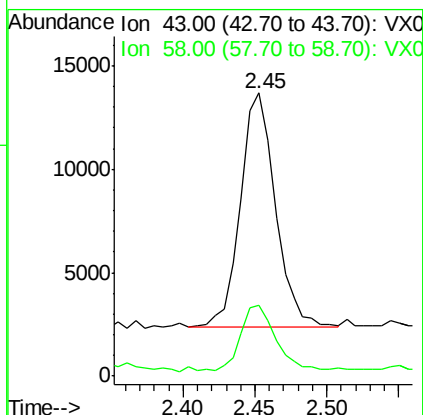
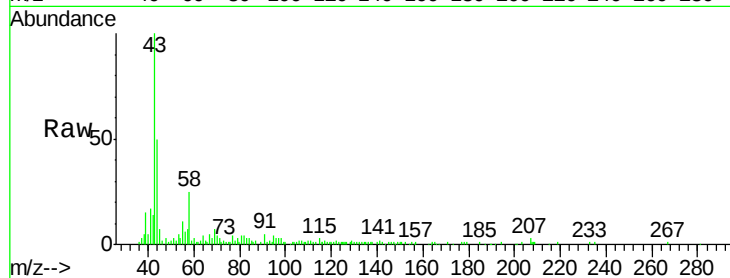




#16
Acetone
Concen: 8.00 ug/l
RT: 2.45 min Scan# 306
Delta R.T. 0.00 min
Lab File: VX001950.D
Acq: 24 May 2018 19:23

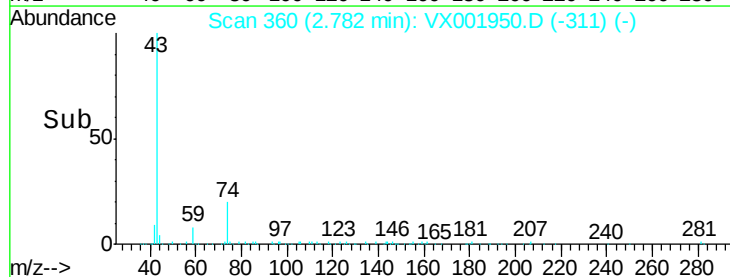
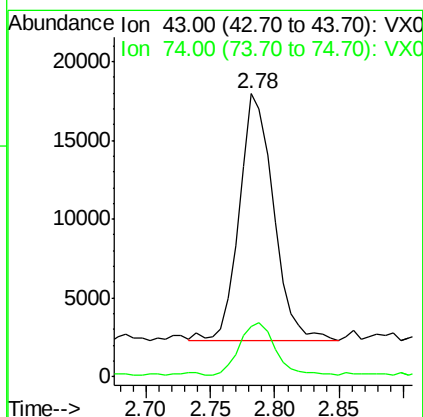
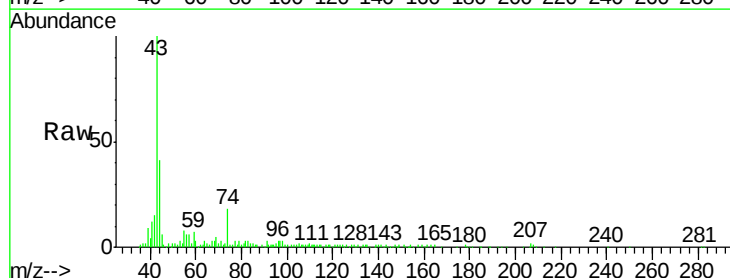
Instrument :
MSVOA_X
ClientSampleId :
SOIL-CUTTINGS

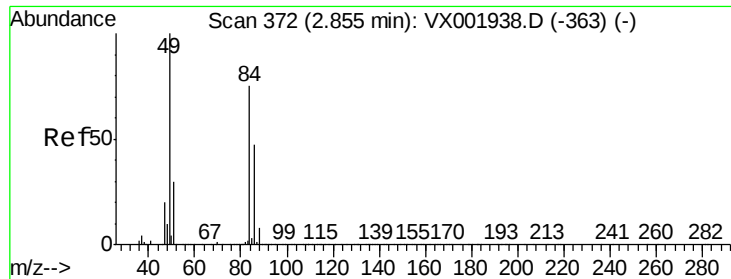
Tgt Ion: 43 Resp: 19067
Ion Ratio Lower Upper
43 100
58 26.8 22.3 33.5



#18
Methyl Acetate
Concen: 3.94 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX001950.D
Acq: 24 May 2018 19:23

Tgt Ion: 43 Resp: 28630
Ion Ratio Lower Upper
43 100
74 21.9 16.8 25.2

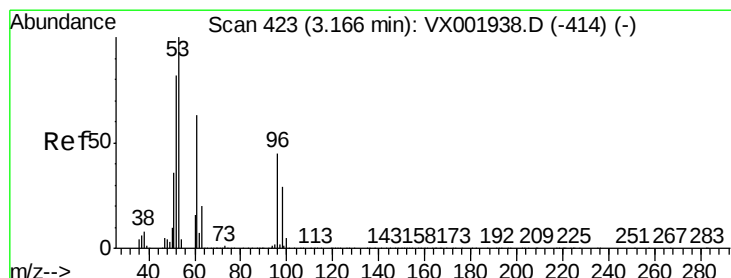
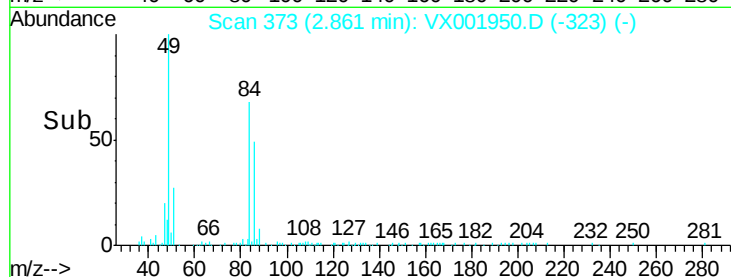
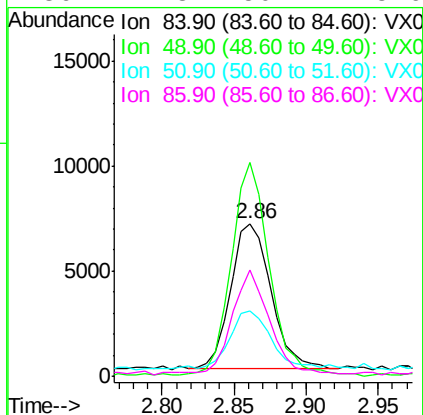
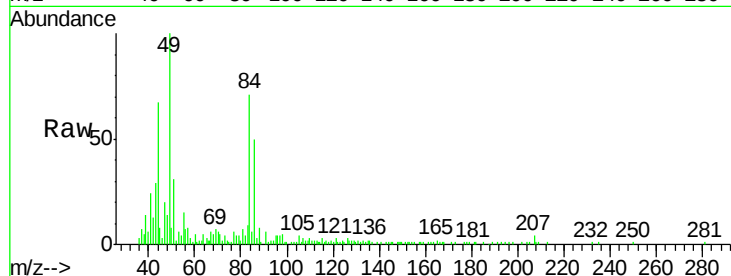




#20
Methylene Chloride
Concen: 1.67 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX001950.D
Acq: 24 May 2018 19:23

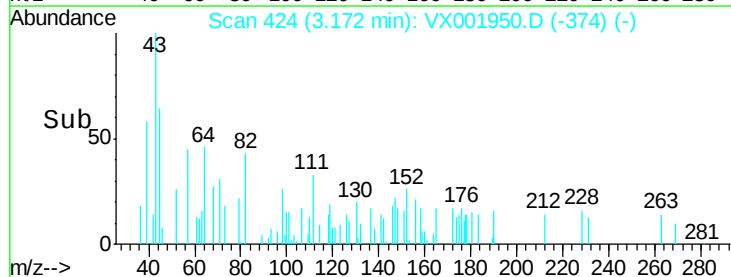
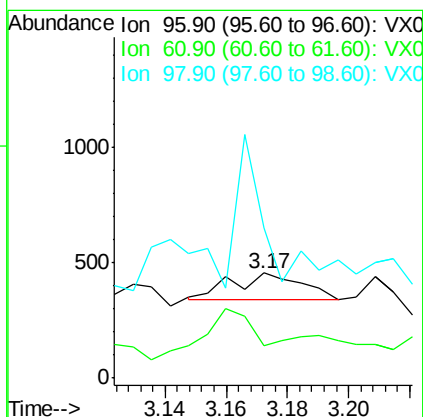
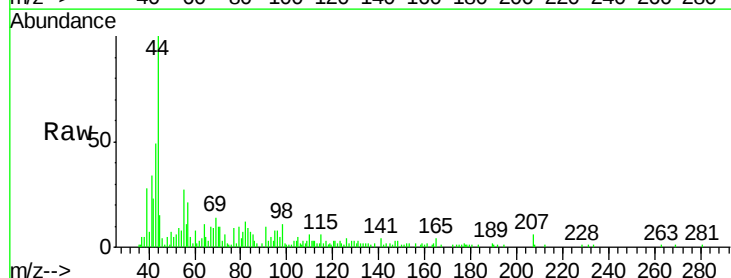
Instrument :
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SOIL-CUTTINGS

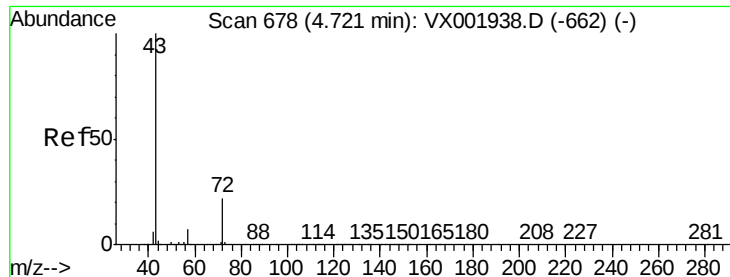
Tgt Ion:	84	Resp:	13535
Ion	Ratio	Lower	Upper
84	100		
49	146.0	107.2	160.8
51	38.6	32.4	48.6
86	71.8	50.4	75.6



#21
trans-1,2-Dichloroethene
Concen: Below Cal
RT: 3.17 min Scan# 424
Delta R.T. 0.01 min
Lab File: VX001950.D
Acq: 24 May 2018 19:23

Tgt Ion:	96	Resp:	182
Ion	Ratio	Lower	Upper
96	100		
61	0.0	113.3	169.9#
98	121.6	51.7	77.5#





#25

2-Butanone

Concen: 1.20 ug/l

RT: 4.73 min Scan# 680

Delta R.T. 0.01 min

Lab File: VX001950.D

Acq: 24 May 2018 19:23

Instrument :

MSVOA_X

ClientSampleId :

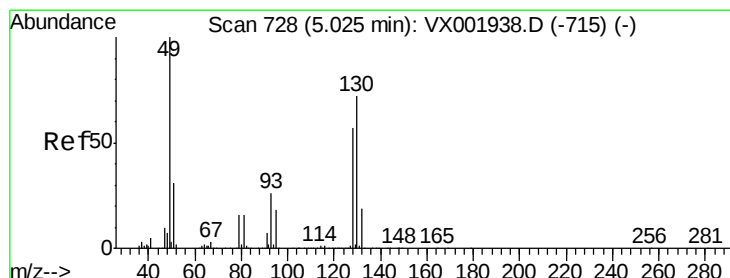
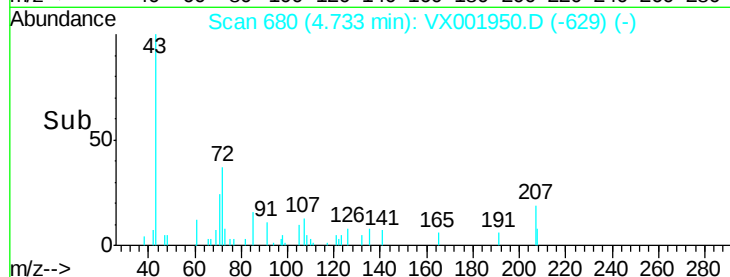
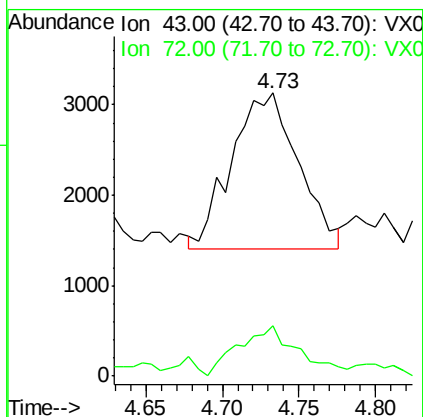
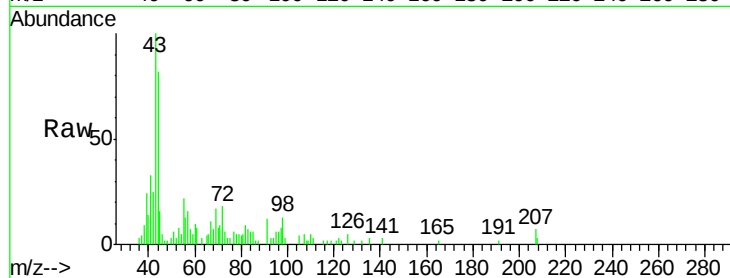
SOIL-CUTTINGS

Tgt Ion: 43 Resp: 5244

Ion Ratio Lower Upper

43 100

72 28.4 17.9 26.9#



#28

Bromochloromethane

Concen: Below Cal

RT: 5.03 min Scan# 729

Delta R.T. 0.01 min

Lab File: VX001950.D

Acq: 24 May 2018 19:23

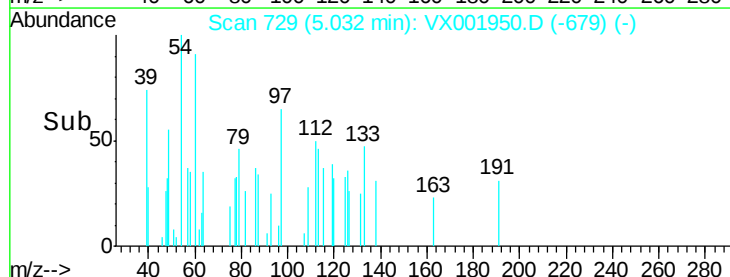
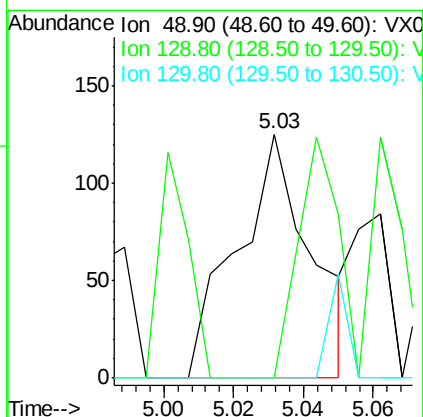
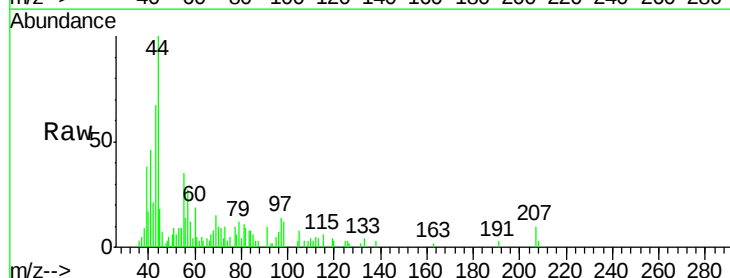
Tgt Ion: 49 Resp: 182

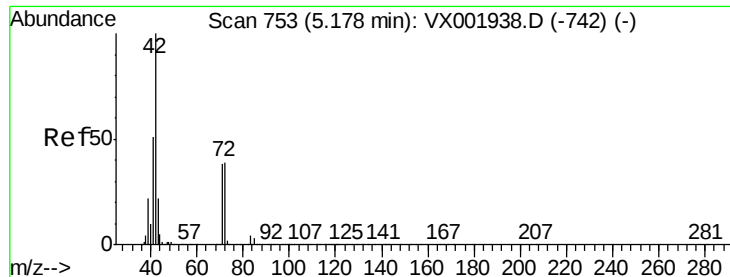
Ion Ratio Lower Upper

49 100

129 54.4 0.0 3.8#

130 10.4 59.4 89.2#





#29

Tetrahydrofuran

Concen: 0.83 ug/l

RT: 5.18 min Scan# 754

Delta R.T. 0.01 min

Lab File: VX001950.D

Acq: 24 May 2018 19:23

Instrument :

MSVOA_X

ClientSampleId :

SOIL-CUTTINGS

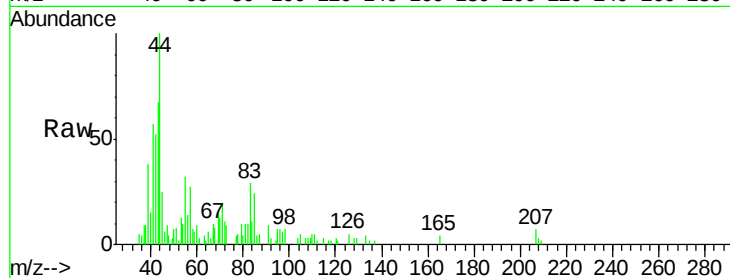
Tgt Ion: 42 Resp: 2347

Ion Ratio Lower Upper

42 100

72 36.6 31.4 47.0

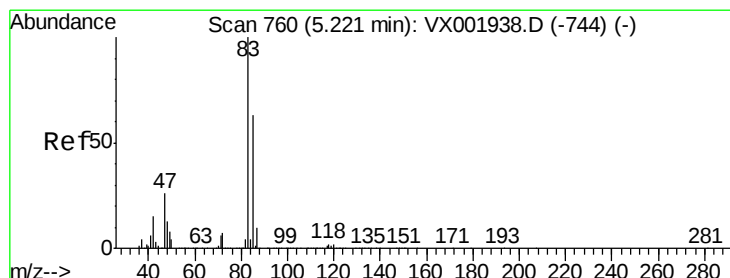
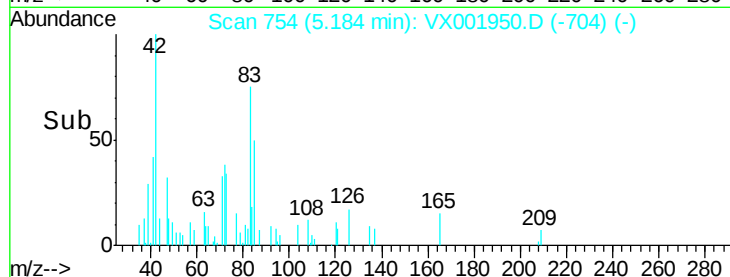
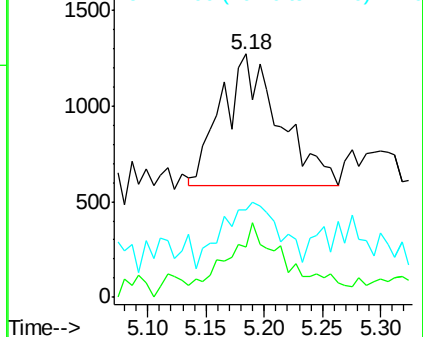
71 49.5 29.5 44.3#



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 1.28 ug/l

RT: 5.23 min Scan# 762

Delta R.T. 0.01 min

Lab File: VX001950.D

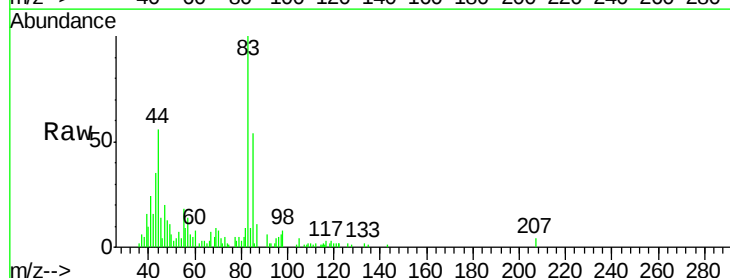
Acq: 24 May 2018 19:23

Tgt Ion: 83 Resp: 11750

Ion Ratio Lower Upper

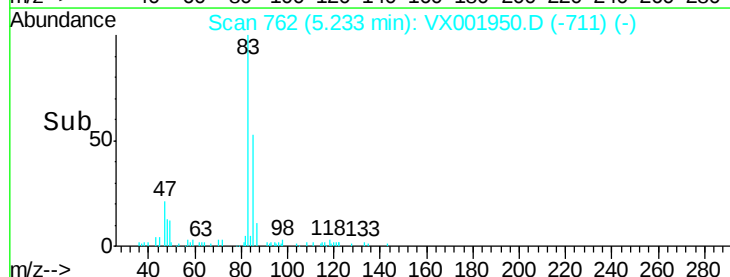
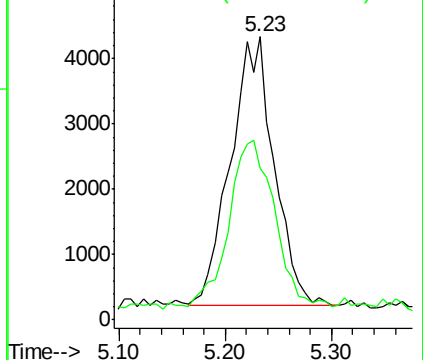
83 100

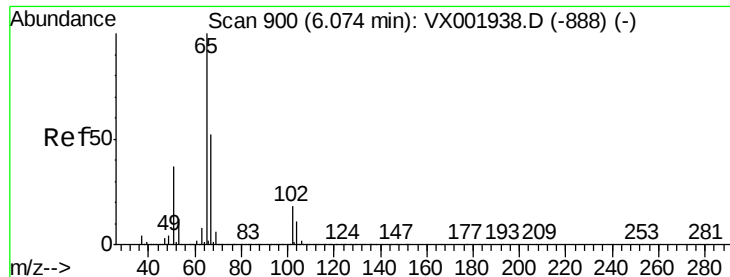
85 51.7 50.9 76.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 44.25 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.01 min

Lab File: VX001950.D

Acq: 24 May 2018 19:23

Instrument :

MSVOA_X

ClientSampleId :

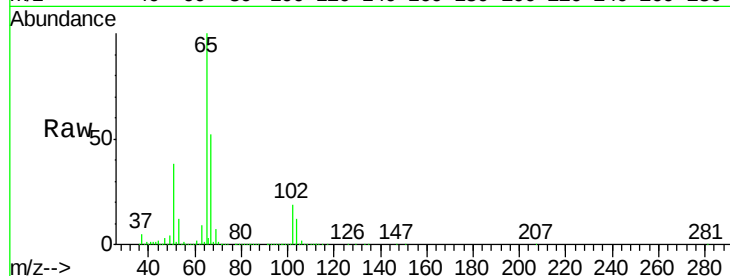
SOIL-CUTTINGS

Tgt Ion: 65 Resp: 273409

Ion Ratio Lower Upper

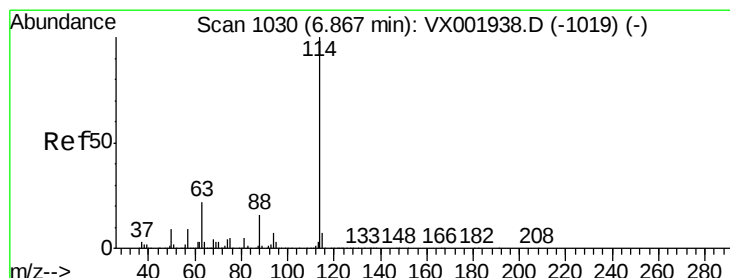
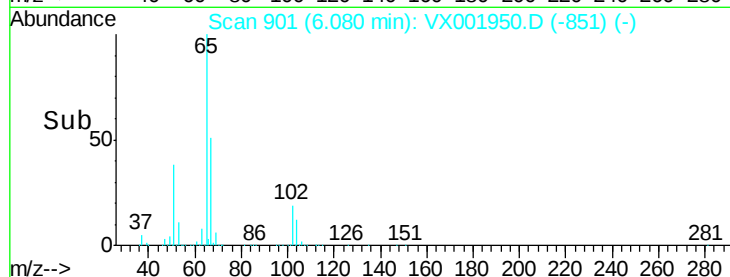
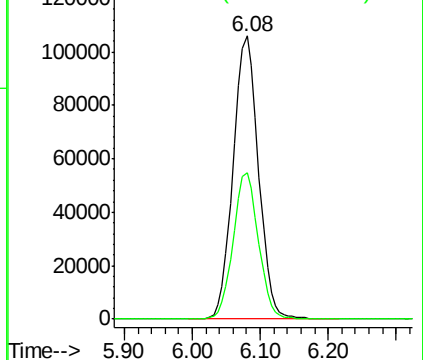
65 100

67 51.1 0.0 104.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX001950.D

Acq: 24 May 2018 19:23

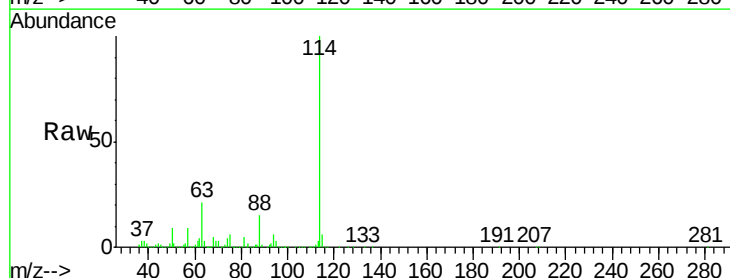
Tgt Ion: 114 Resp: 527130

Ion Ratio Lower Upper

114 100

63 21.5 0.0 43.2

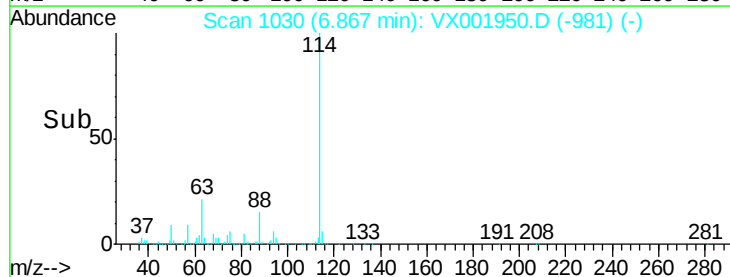
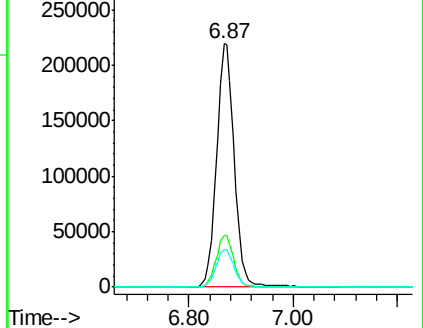
88 15.2 0.0 31.6

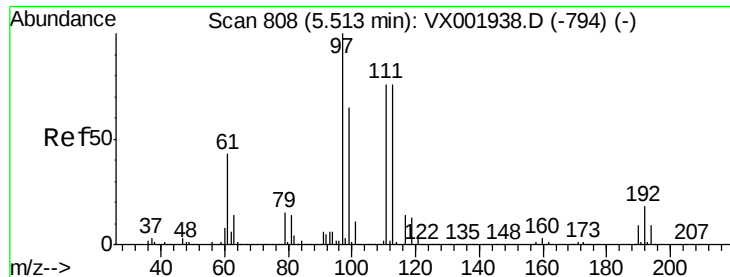


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 39.98 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.00 min

Lab File: VX001950.D

Acq: 24 May 2018 19:23

Instrument :

MSVOA_X

ClientSampleId :

SOIL-CUTTINGS

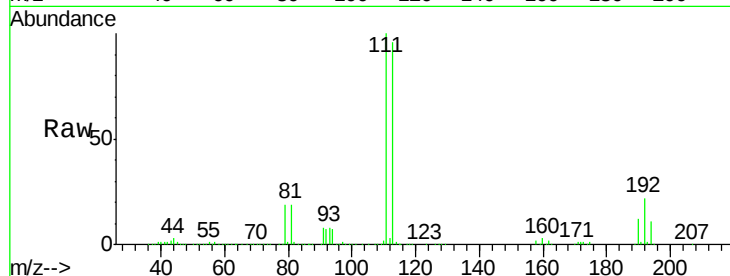
Tgt Ion:113 Resp: 210770

Ion Ratio Lower Upper

113 100

111 102.5 82.0 123.0

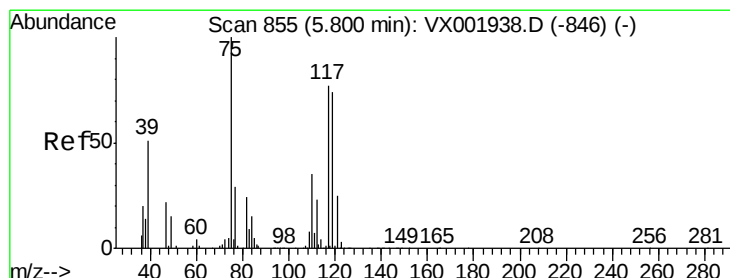
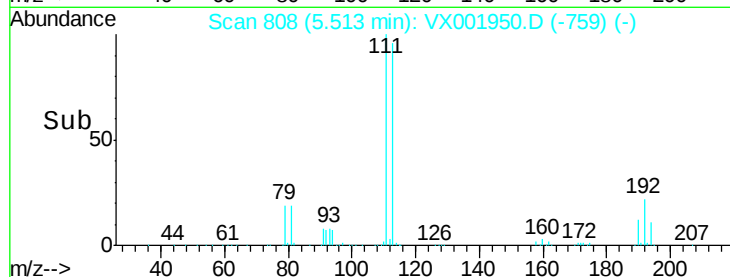
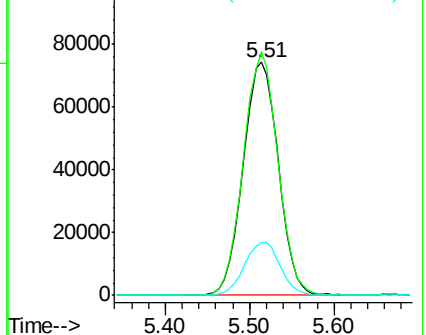
192 23.2 18.9 28.3



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



#36

1,1-Dichloropropene

Concen: 3.31 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.13 min

Lab File: VX001950.D

Acq: 24 May 2018 19:23

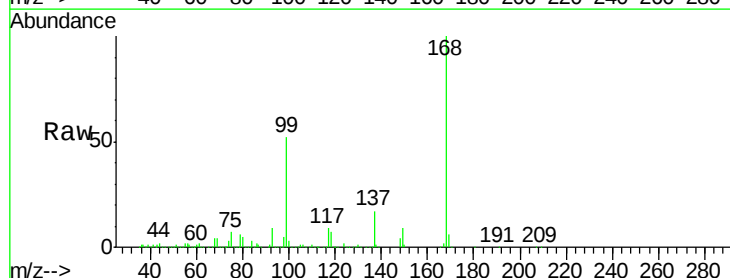
Tgt Ion: 75 Resp: 24299

Ion Ratio Lower Upper

75 100

110 12.1 17.4 52.2#

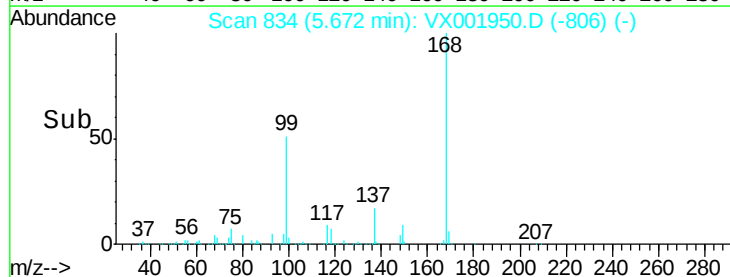
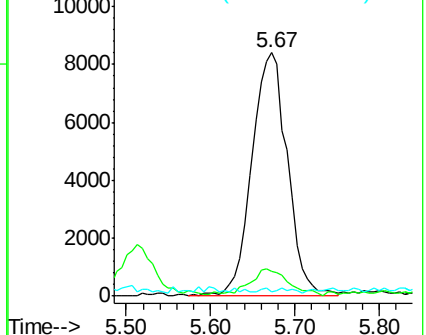
77 0.4 24.4 36.6#

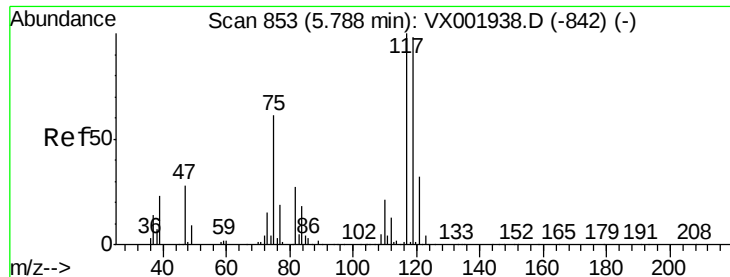


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 3.79 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.12 min

Lab File: VX001950.D

Acq: 24 May 2018 19:23

Instrument :

MSVOA_X

ClientSampleId :

SOIL-CUTTINGS

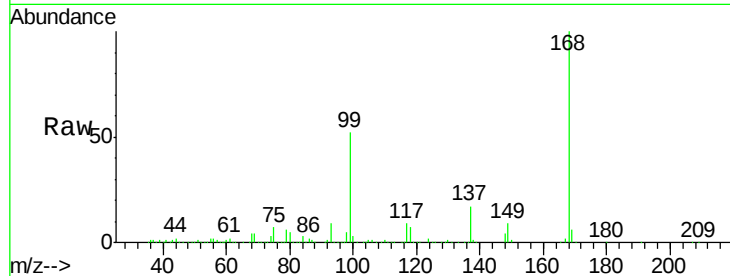
Tgt Ion:117 Resp: 32423

Ion Ratio Lower Upper

117 100

119 3.8 78.5 117.7#

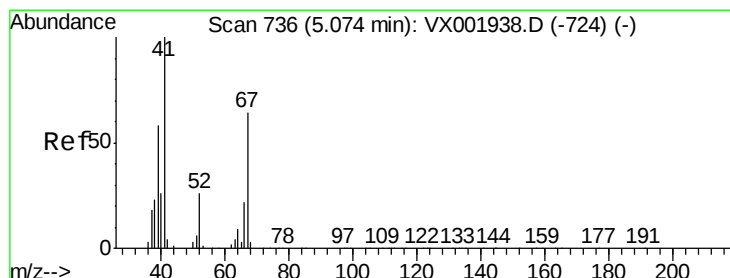
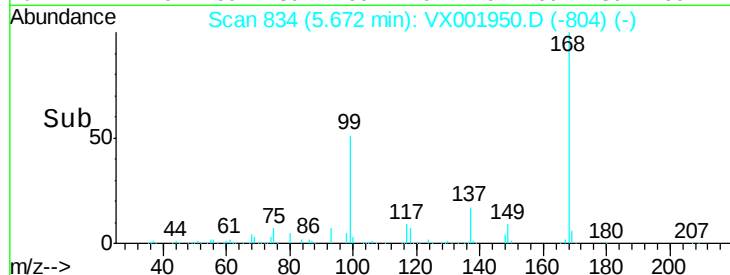
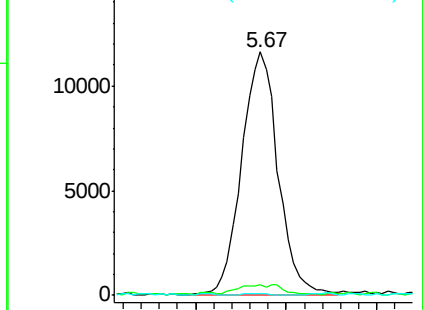
121 0.8 25.5 38.3#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#41

Methacrylonitrile

Concen: Below Cal

RT: 5.07 min Scan# 735

Delta R.T. -0.01 min

Lab File: VX001950.D

Acq: 24 May 2018 19:23

Tgt Ion: 41 Resp: 189

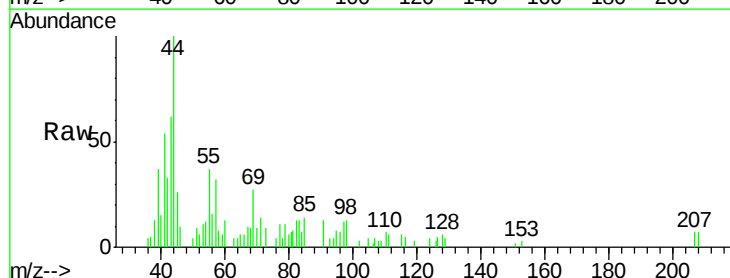
Ion Ratio Lower Upper

41 100

39 59.8 46.0 69.0

67 0.0 50.6 75.8#

52 0.0 21.9 32.9#

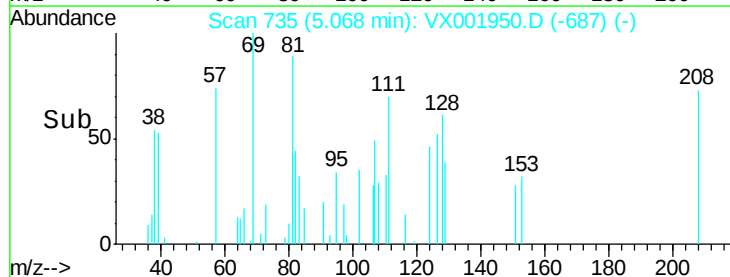
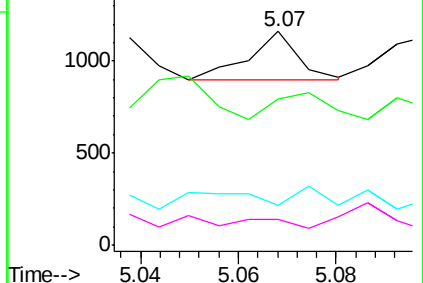


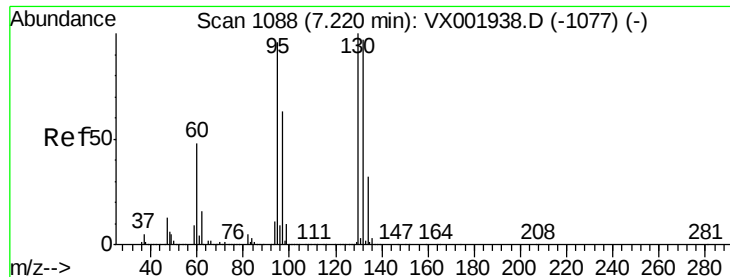
Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0





#44

Trichloroethene

Concen: 2.46 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.00 min

Lab File: VX001950.D

Acq: 24 May 2018 19:23

Instrument :

MSVOA_X

ClientSampleId :

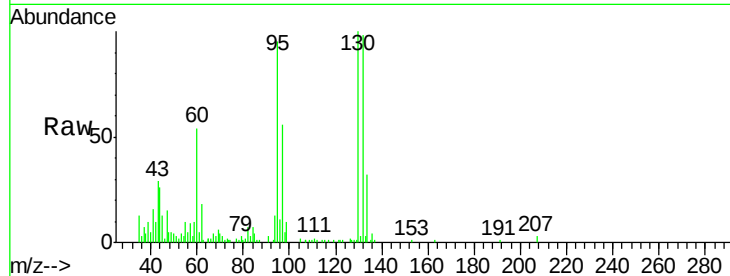
SOIL-CUTTINGS

Tgt Ion:130 Resp: 15389

Ion Ratio Lower Upper

130 100

95 92.4 0.0 192.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.22

8000

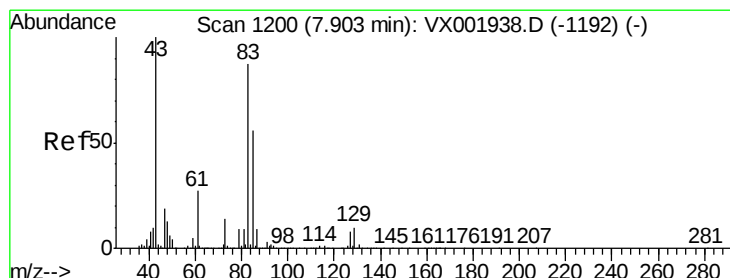
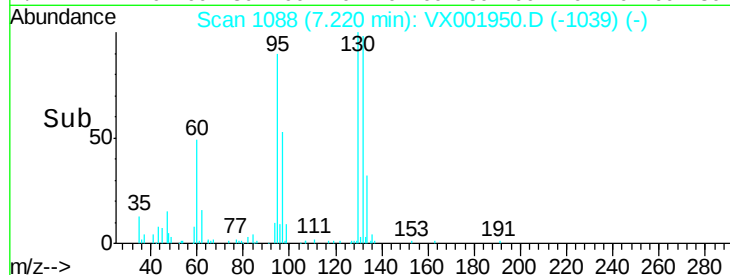
6000

4000

2000

0

Time--> 7.10 7.15 7.20 7.25 7.30



#47

Bromodichloromethane

Concen: 0.35 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. 0.01 min

Lab File: VX001950.D

Acq: 24 May 2018 19:23

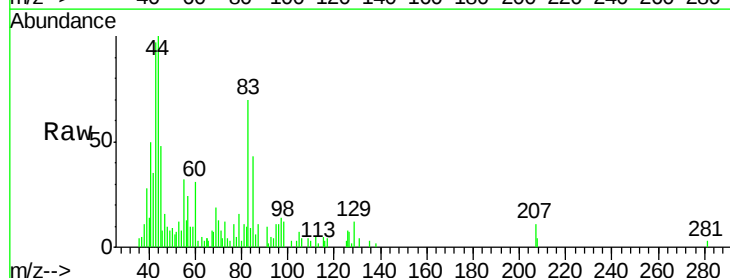
Tgt Ion: 83 Resp: 2901

Ion Ratio Lower Upper

83 100

85 54.2 51.4 77.2

127 11.3 7.1 10.7#



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V

2000

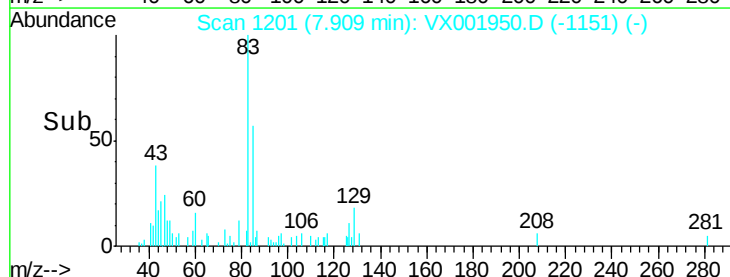
1500

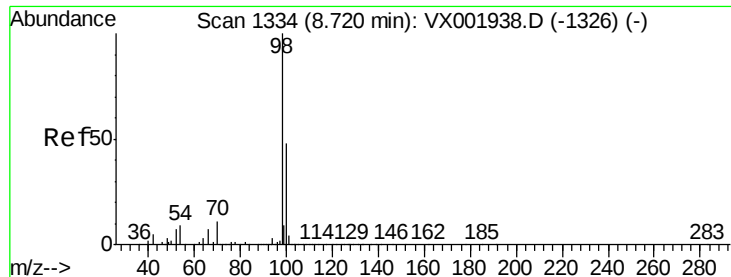
1000

500

0

Time--> 7.80 7.85 7.90 7.95





#50

Toluene-d8

Concen: 39.60 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001950.D

Acq: 24 May 2018 19:23

Instrument :

MSVOA_X

ClientSampleId :

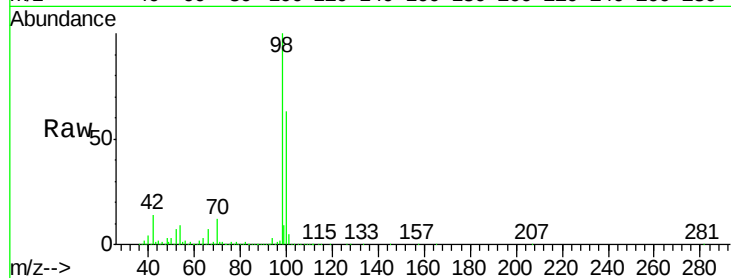
SOIL-CUTTINGS

Tgt Ion: 98 Resp: 755672

Ion Ratio Lower Upper

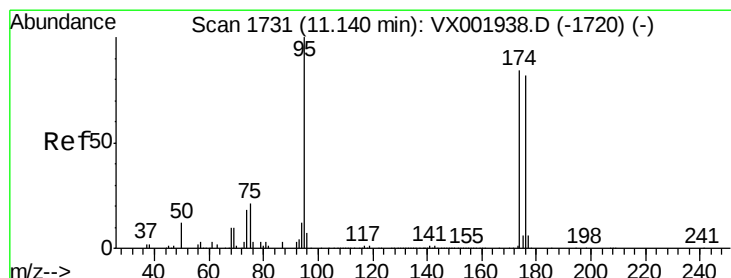
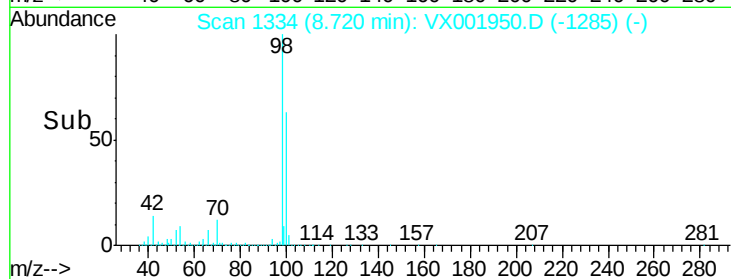
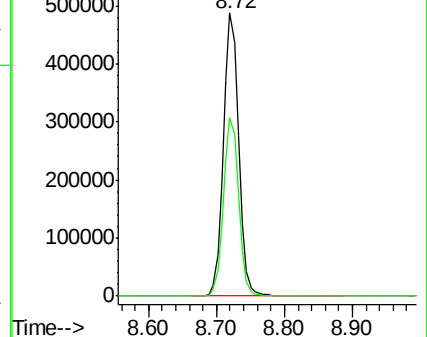
98 100

100 63.5 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 37.65 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001950.D

Acq: 24 May 2018 19:23

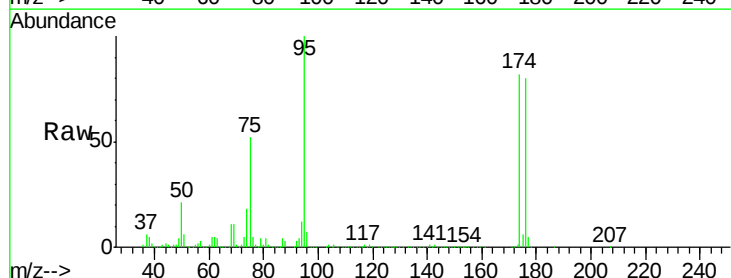
Tgt Ion: 95 Resp: 281097

Ion Ratio Lower Upper

95 100

174 90.2 0.0 178.8

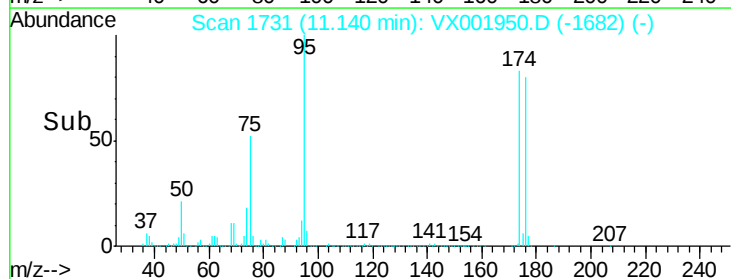
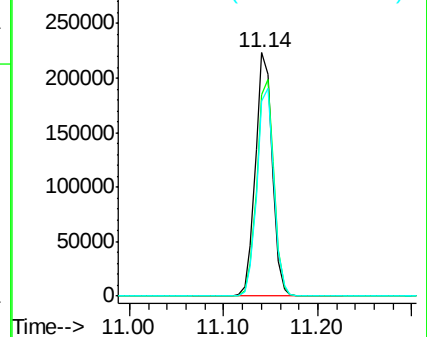
176 86.7 0.0 175.6

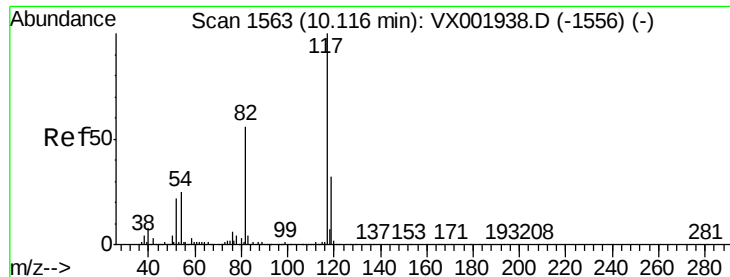


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VX001950.D

Acq: 24 May 2018 19:23

Instrument :

MSVOA_X

ClientSampleId :

SOIL-CUTTINGS

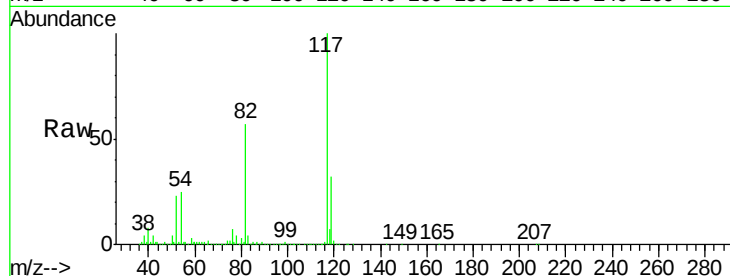
Tgt Ion:117 Resp: 483377

Ion Ratio Lower Upper

117 100

82 57.1 44.8 67.2

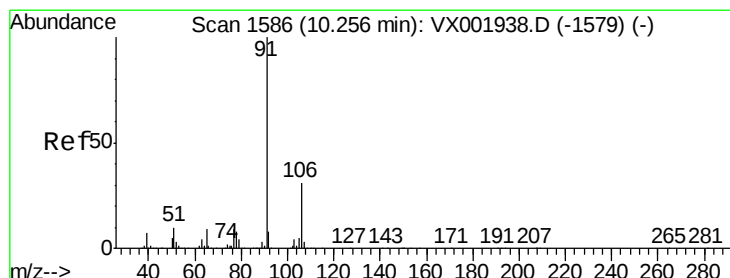
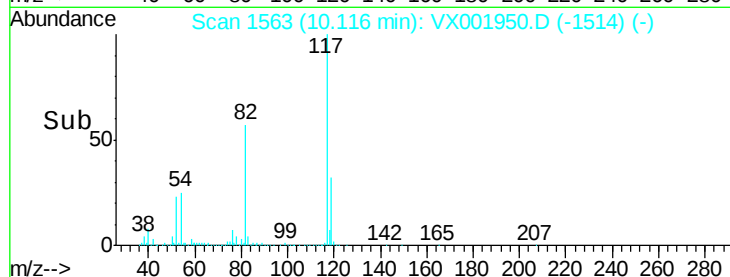
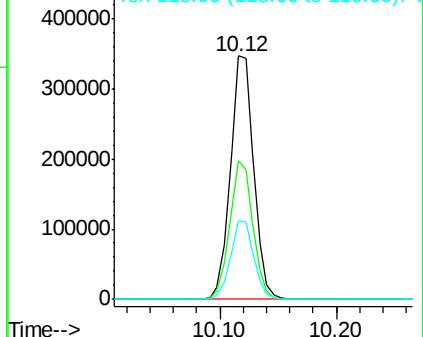
119 32.2 25.5 38.3



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: 0.29 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX001950.D

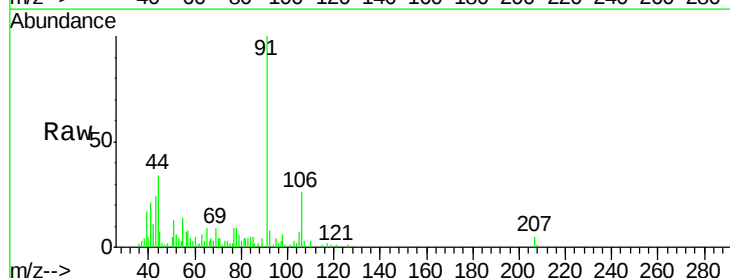
Acq: 24 May 2018 19:23

Tgt Ion: 91 Resp: 7782

Ion Ratio Lower Upper

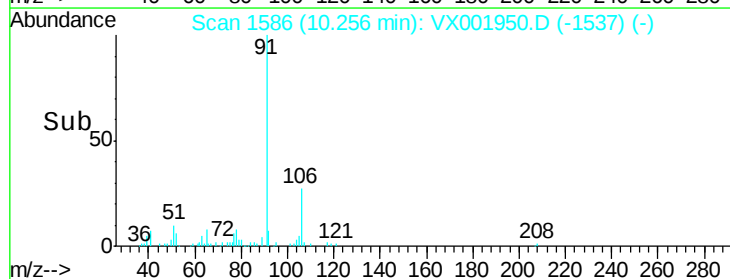
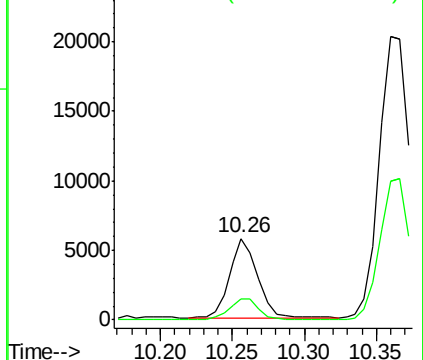
91 100

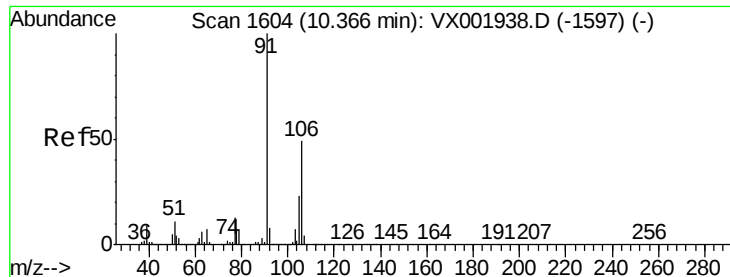
106 26.5 25.0 37.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

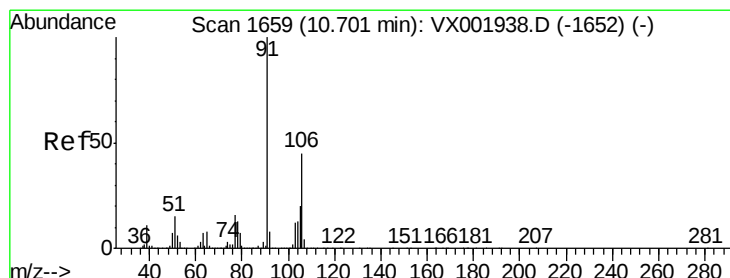
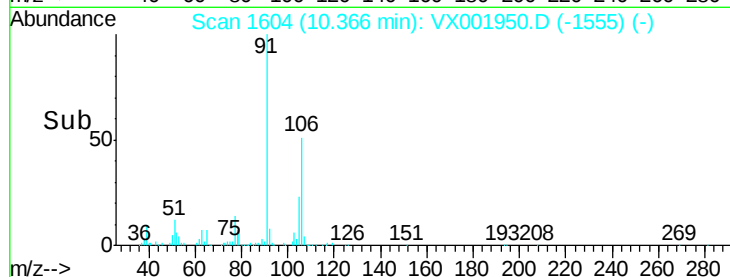
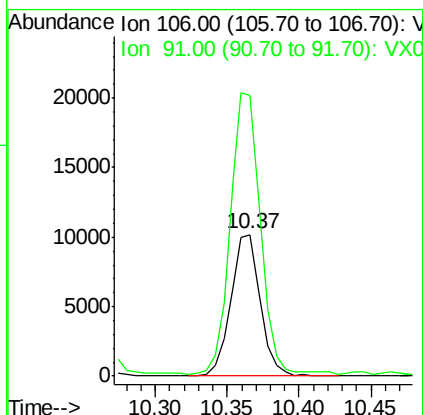
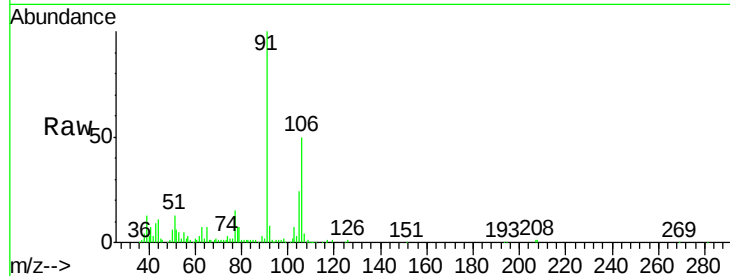




#68
m/p-Xylenes
Concen: 1.43 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX001950.D
Acq: 24 May 2018 19:23

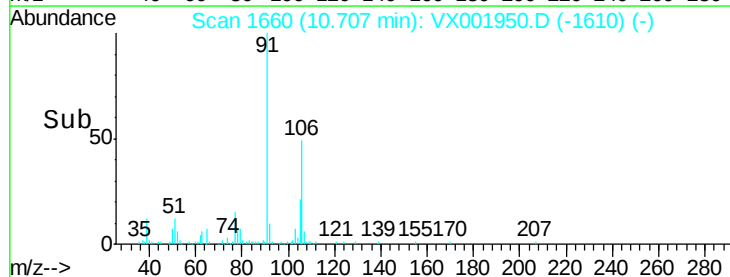
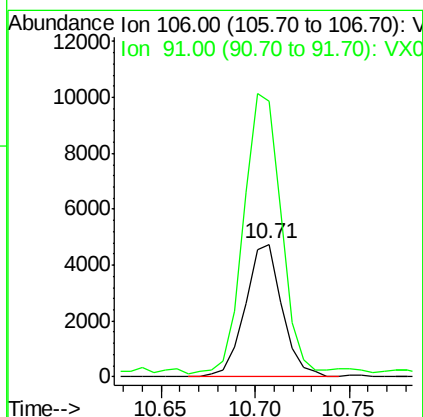
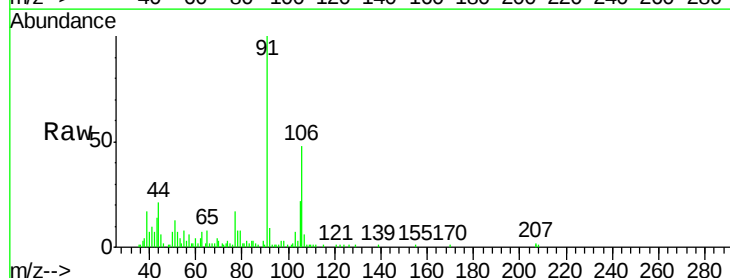
Instrument :
MSVOA_X
ClientSampleId :
SOIL-CUTTINGS

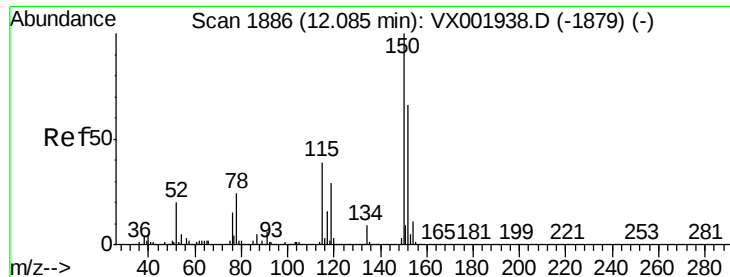
Tgt Ion:106 Resp: 14559
Ion Ratio Lower Upper
106 100
91 202.9 165.0 247.6



#69
o-Xylene
Concen: 0.63 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.01 min
Lab File: VX001950.D
Acq: 24 May 2018 19:23

Tgt Ion:106 Resp: 6397
Ion Ratio Lower Upper
106 100
91 214.1 108.7 325.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX001950.D

Acq: 24 May 2018 19:23

Instrument :

MSVOA_X

ClientSampleId :

SOIL-CUTTINGS

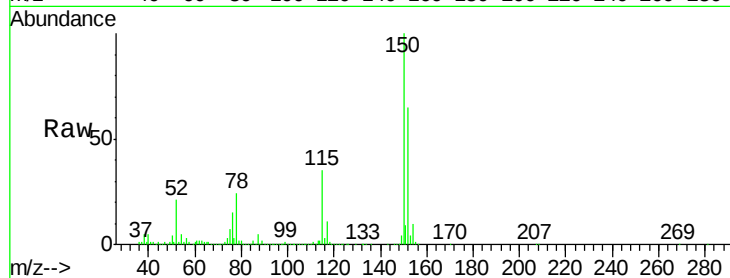
Tgt Ion:152 Resp: 259863

Ion Ratio Lower Upper

152 100

115 56.1 42.3 126.8

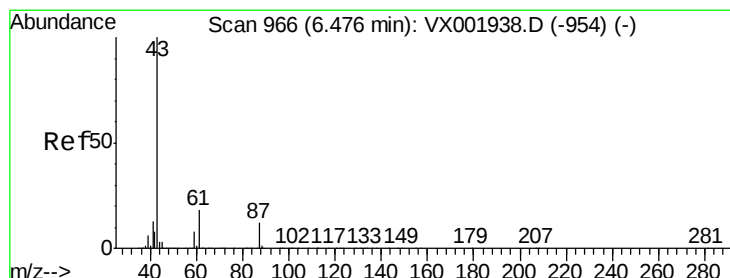
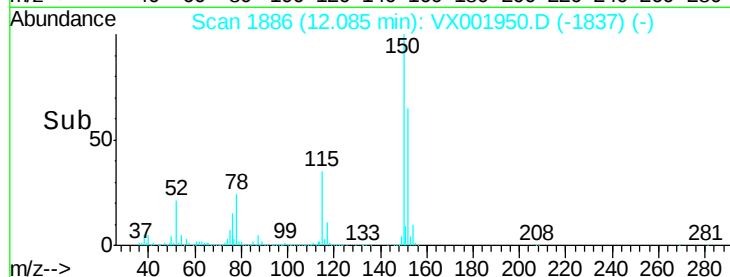
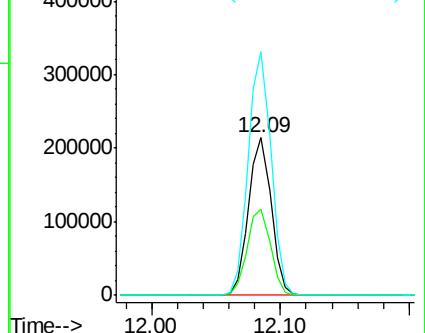
150 155.9 0.0 351.0



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



#74

N-ethyl acetate

Concen: Below Cal

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX001950.D

Acq: 24 May 2018 19:23

Tgt Ion: 43 Resp: 324

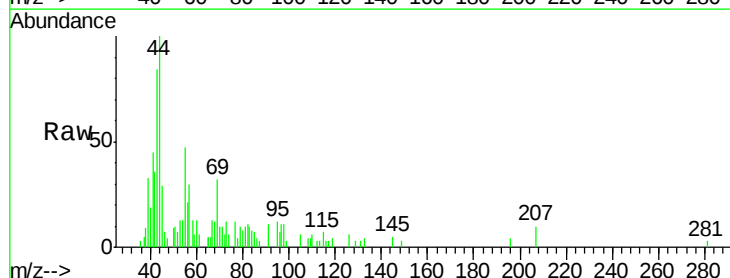
Ion Ratio Lower Upper

43 100

70 31.5 0.1 0.1#

55 85.5 0.1 0.1#

61 59.6 14.5 21.7#

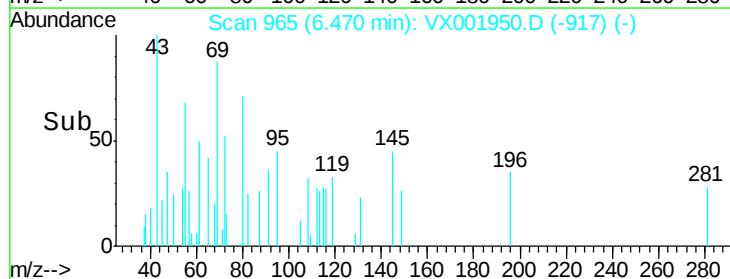
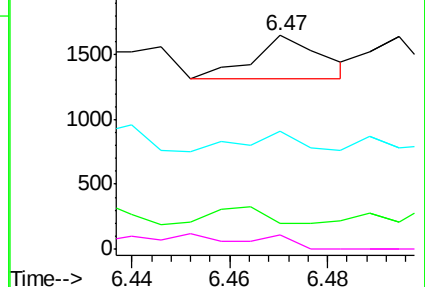


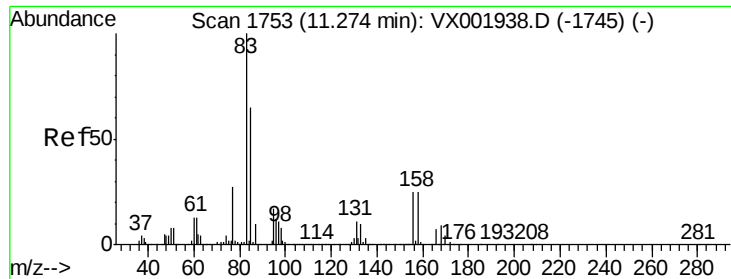
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX001950.D

Acq: 24 May 2018 19:23

Instrument :

MSVOA_X

ClientSampleId :

SOIL-CUTTINGS

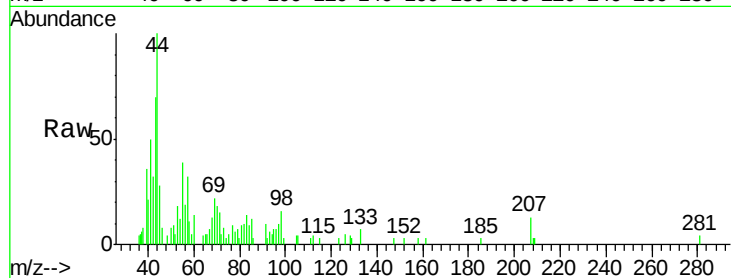
Tgt Ion: 83 Resp: 71

Ion Ratio Lower Upper

83 100

131 74.6 5.7 17.0#

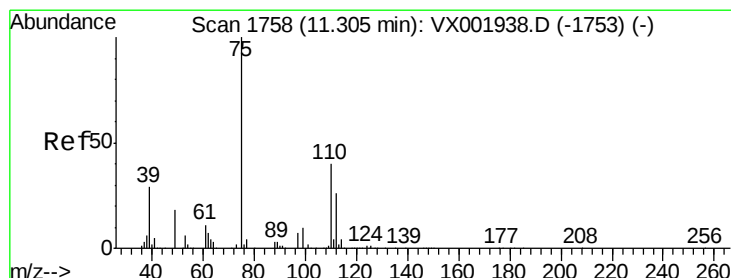
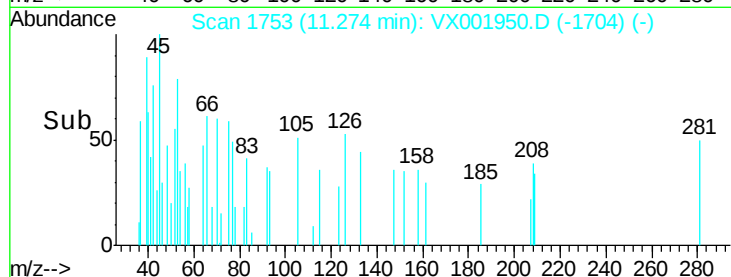
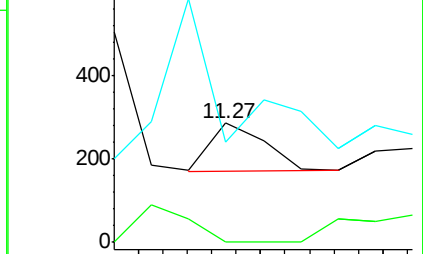
85 407.0 32.6 97.7#



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 23.43 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX001950.D

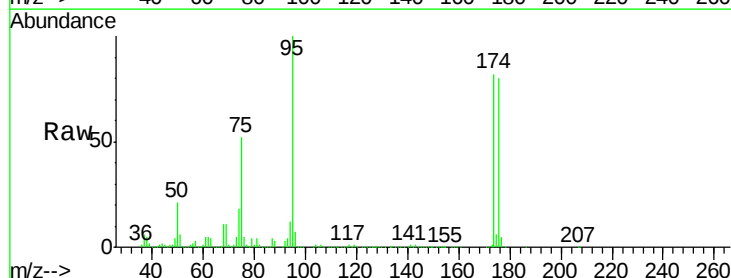
Acq: 24 May 2018 19:23

Tgt Ion: 75 Resp: 146260

Ion Ratio Lower Upper

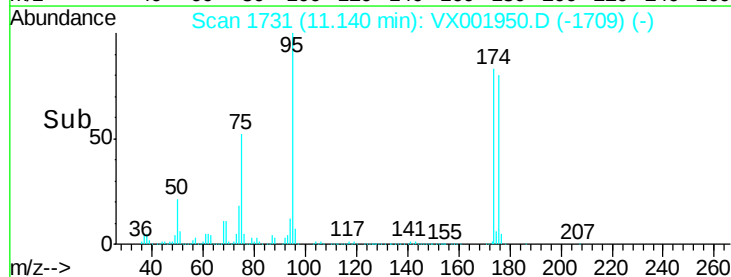
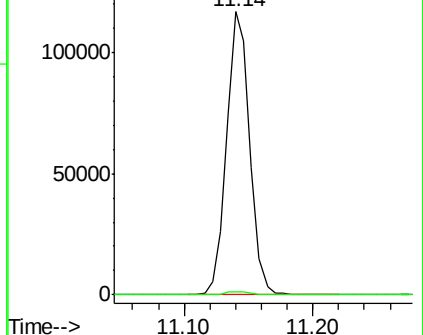
75 100

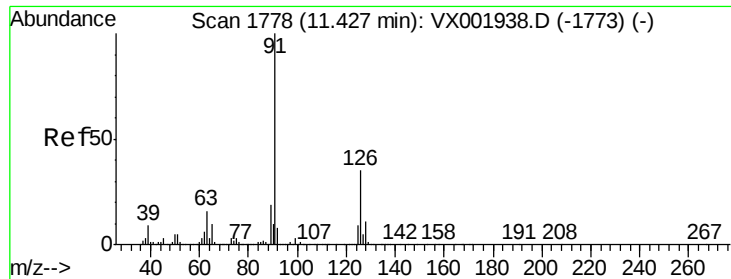
77 1.1 22.8 68.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

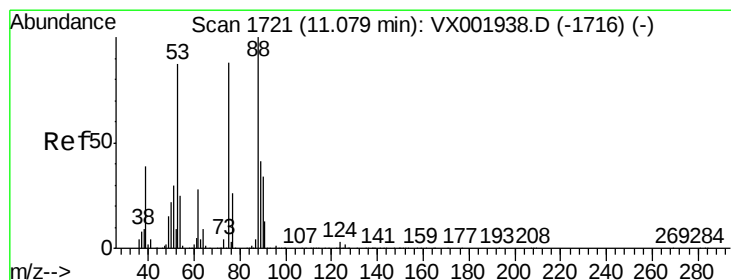
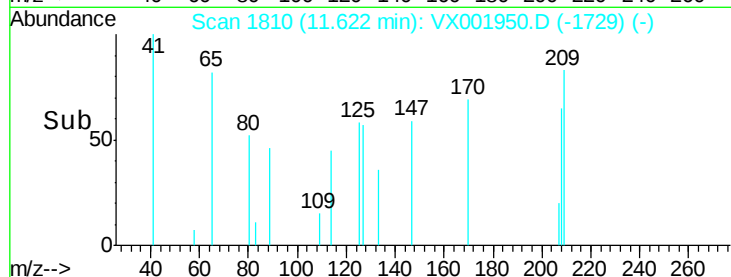
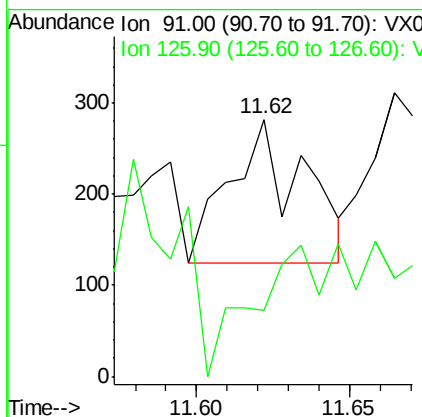
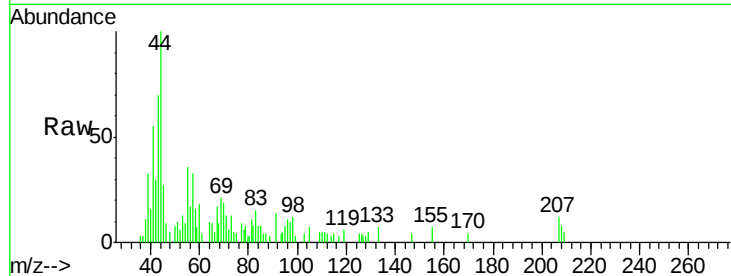




#79
2-Chlorotoluene
Concen: Below Cal
RT: 11.62 min Scan# 1810
Delta R.T. 0.20 min
Lab File: VX001950.D
Acq: 24 May 2018 19:23

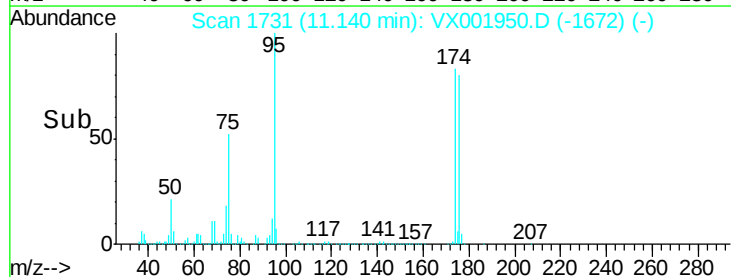
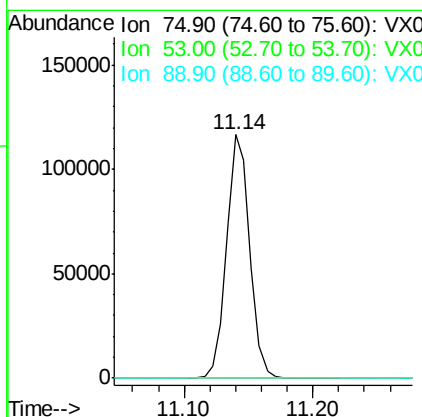
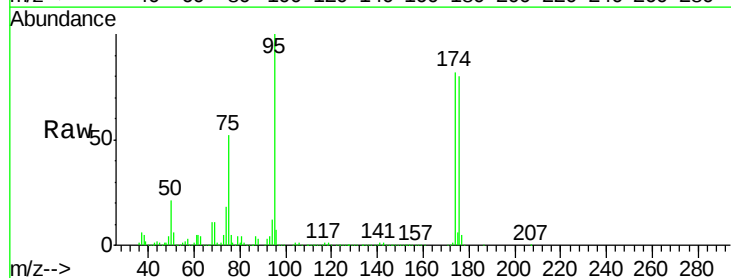
Instrument :
MSVOA_X
ClientSampleId :
SOIL-CUTTINGS

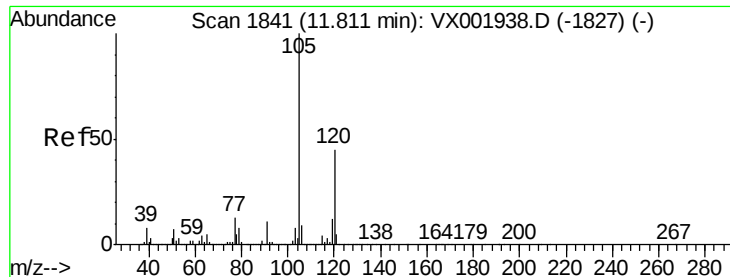
Tgt Ion: 91 Resp: 260
Ion Ratio Lower Upper
91 100
126 17.7 17.4 52.2



#81
trans-1,4-Dichloro-2-butene
Concen: 56.32 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX001950.D
Acq: 24 May 2018 19:23

Tgt Ion: 75 Resp: 146260
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 39.4 59.2#

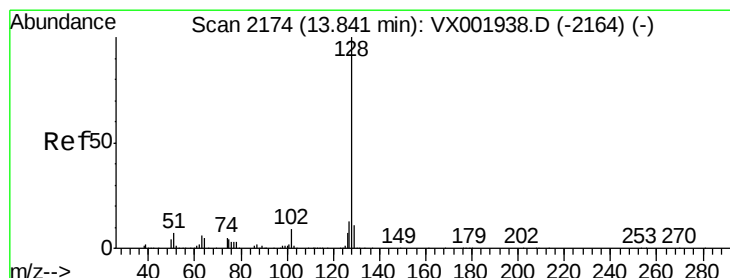
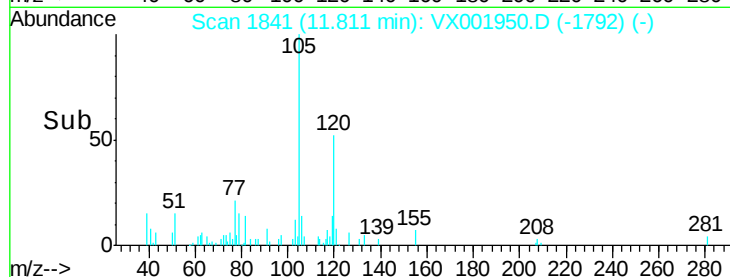
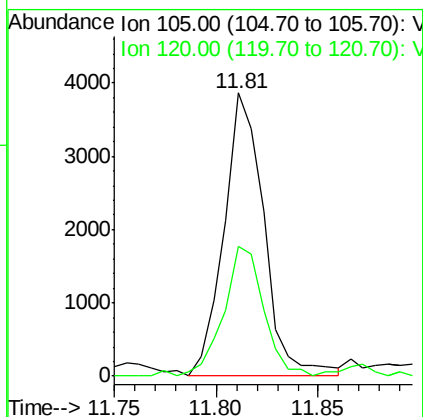
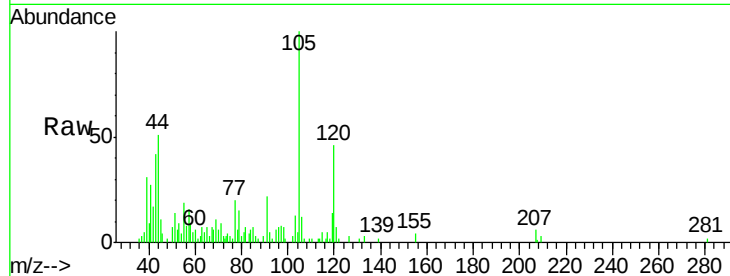




#84
 1,2,4-Trimethylbenzene
 Concen: 0.27 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX001950.D
 Acq: 24 May 2018 19:23

Instrument :
 MSVOA_X
 ClientSampleId :
 SOIL-CUTTINGS

Tgt Ion:105 Resp: 5254
 Ion Ratio Lower Upper
 105 100
 120 45.8 22.1 66.5



#95
 Naphthalene
 Concen: 33.37 ug/l
 RT: 13.84 min Scan# 2174
 Delta R.T. 0.00 min
 Lab File: VX001950.D
 Acq: 24 May 2018 19:23

Tgt Ion:128 Resp: 783106
 Ion Ratio Lower Upper
 128 100
 127 13.1 10.4 15.6
 129 10.9 8.8 13.2

