

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071218\
 Data File : VU025367.D
 Acq On : 13 Jul 2018 03:14
 Operator : MD/SY
 Sample : J3928-02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 SOIL-CUTTINGS

Quant Time: Jul 13 04:37:28 2018
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U070918W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 10 09:34:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	191500	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	297926	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	274810	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	143860	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	150619	50.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.24%	
35) Dibromofluoromethane	4.89	113	115771	46.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.12%	
50) Toluene-d8	7.57	98	428716	49.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.62%	
62) 4-Bromofluorobenzene	10.31	95	155917	45.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.00%	

Target Compounds

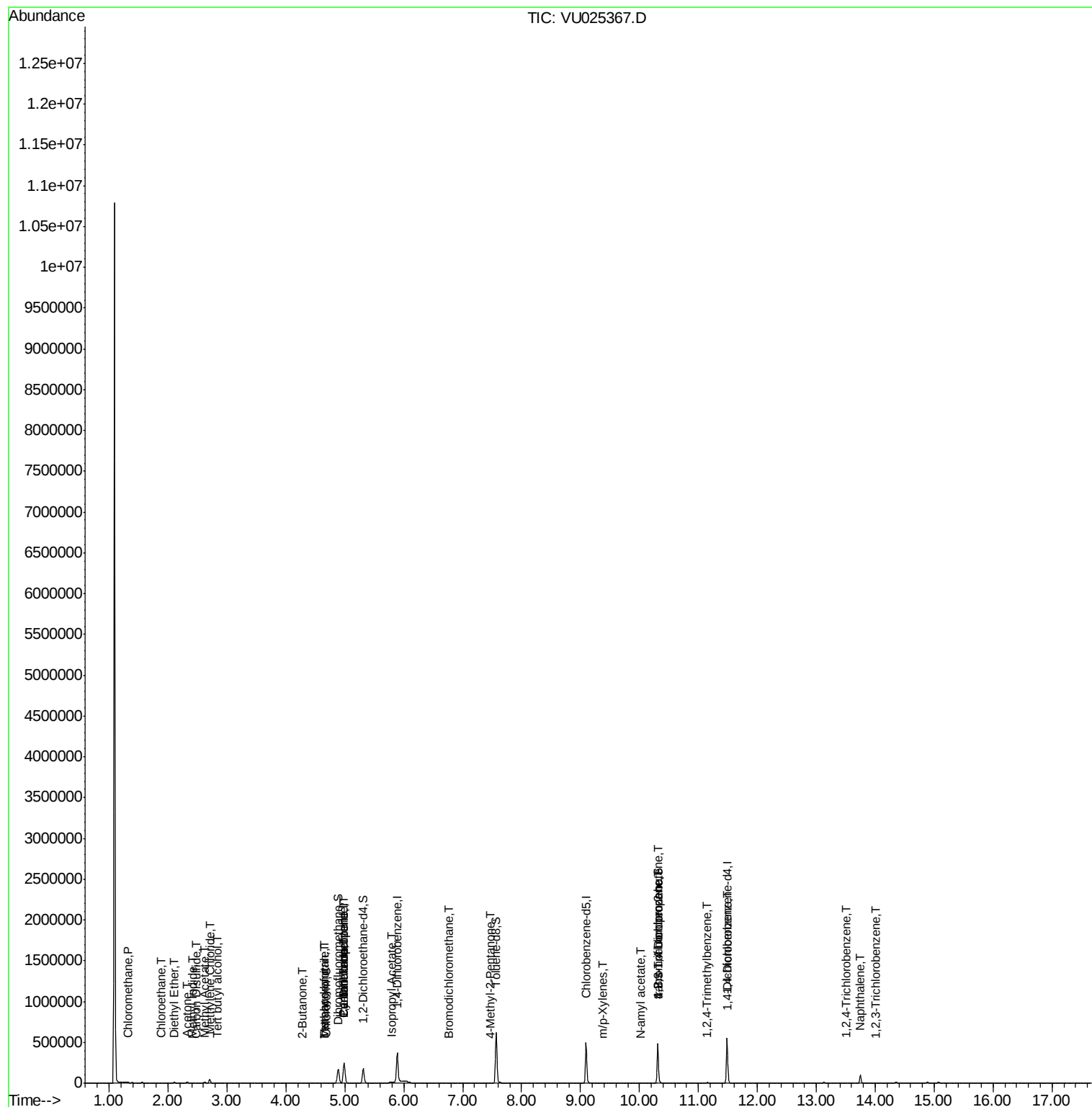
						Qvalue
3) Chloromethane	1.33	50	516	0.82	ug/l #	83
5) Bromomethane	1.64	94	387	Below Cal	#	46
6) Chloroethane	1.88	64	23	0.31	ug/l #	43
8) Diethyl Ether	2.11	74	1609	1.25	ug/l	73
10) Methyl Iodide	2.42	142	101	7.74	ug/l #	39
11) Tert butyl alcohol	2.83	59	3548	5.47	ug/l #	79
16) Acetone	2.32	43	16919	15.79	ug/l	98
17) Carbon Disulfide	2.48	76	466	2.01	ug/l #	74
18) Methyl Acetate	2.62	43	17056	5.60	ug/l	99
20) Methylene Chloride	2.71	84	21339	9.83	ug/l	98
25) 2-Butanone	4.28	43	3426	1.66	ug/l	95
29) Tetrahydrofuran	4.64	42	326	0.26	ug/l #	60
30) Chloroform	4.68	83	4455	1.04	ug/l	97
31) Cyclohexane	4.99	56	3950	1.78	ug/l #	16
36) 1,1-Dichloropropene	4.99	75	14287	4.31	ug/l #	50
38) Carbon Tetrachloride	4.99	117	18351	5.15	ug/l #	15
41) Methacrylonitrile	4.64	41	685	0.33	ug/l #	35
43) Isopropyl Acetate	5.80	43	17344	2.93	ug/l #	61
47) Bromodichloromethane	6.77	83	1226	0.36	ug/l #	93
51) 4-Methyl-2-Pentanone	7.47	43	1094	0.28	ug/l #	62
68) m/p-Xylenes	9.38	106	985	0.22	ug/l	97
74) N-amyl acetate	10.02	43	68	1.28	ug/l #	43
76) 1,2,3-Trichloropropane	10.31	75	82141	28.05	ug/l #	36
81) trans-1,4-Dichloro-2-buten	10.31	75	82141	71.67	ug/l #	100
84) 1,2,4-Trimethylbenzene	11.16	105	5116	0.54	ug/l	93
88) 1,4-Dichlorobenzene	11.51	146	20	1.49	ug/l #	1
93) 1,2,4-Trichlorobenzene	13.52	180	78	3.30	ug/l #	1
95) Naphthalene	13.75	128	83712	9.96	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	184	2.58	ug/l #	45

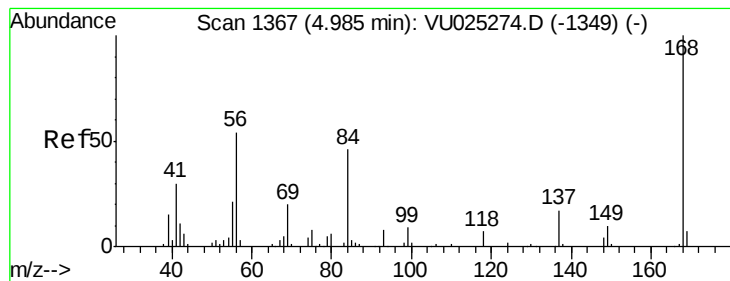
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jul 10 09:34:16 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VU025367.D

Acq: 13 Jul 2018 03:14

Instrument :

MSVOA_U

ClientSampleId :

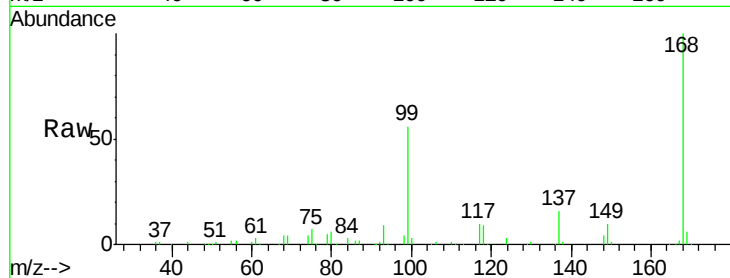
SOIL-CUTTINGS

Tot Ion:168 Resp: 191500

Ion Ratio Lower Upper

168 100

99 56.2 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): VU025274.D (-1349) (-)

Ion 98.90 (98.60 to 99.60): VU025274.D (-1349) (-)

4.99

80000

60000

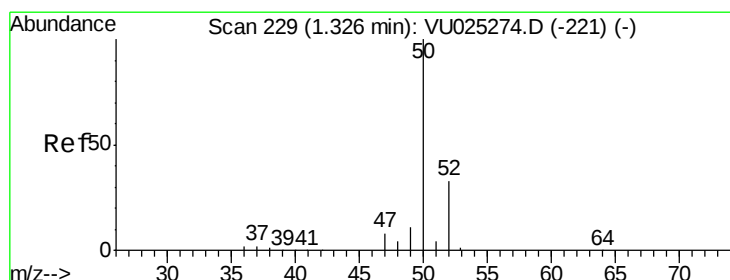
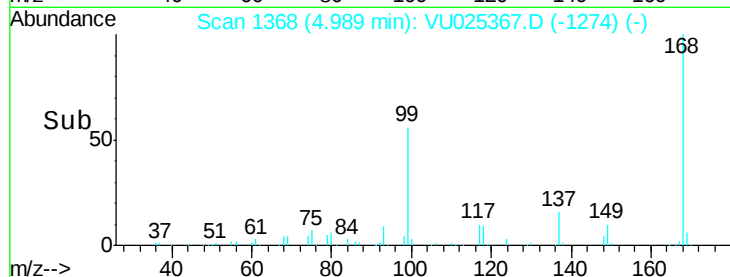
40000

20000

0

Time-->

4.90 5.00 5.10



#3

Chloromethane

Concen: 0.82 ug/l

RT: 1.33 min Scan# 230

Delta R.T. 0.00 min

Lab File: VU025367.D

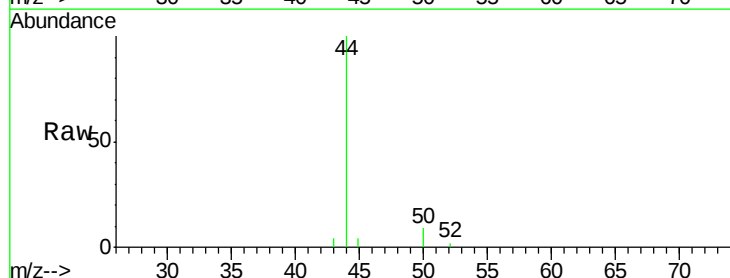
Acq: 13 Jul 2018 03:14

Tgt Ion: 50 Resp: 516

Ion Ratio Lower Upper

50 100

52 23.5 26.5 39.7#



Abundance Ion 49.90 (49.60 to 50.60): VU025274.D (-221) (-)

Ion 51.90 (51.60 to 52.60): VU025274.D (-221) (-)

1.33

500

400

300

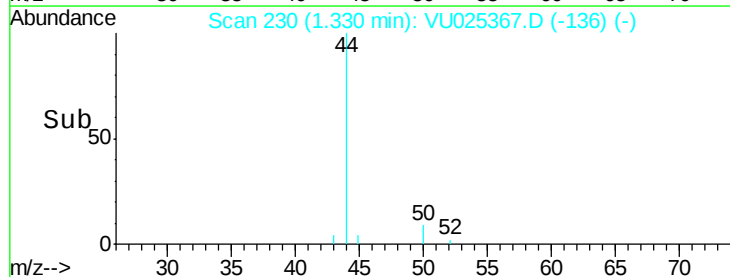
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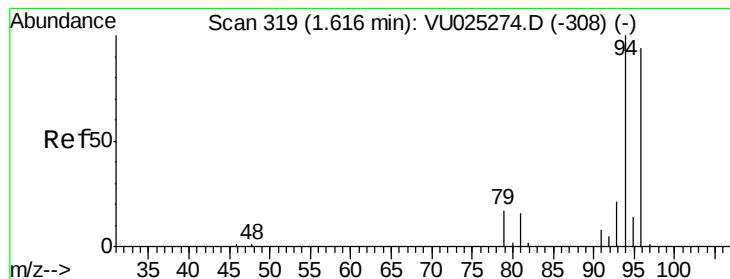
100

0

Time-->

1.30 1.32 1.34 1.36





#5

Bromomethane

Concen: Below Cal

RT: 1.64 min Scan# 326

Delta R.T. 0.02 min

Lab File: VU025367.D

Acq: 13 Jul 2018 03:14

Instrument :

MSVOA_U

ClientSampleId :

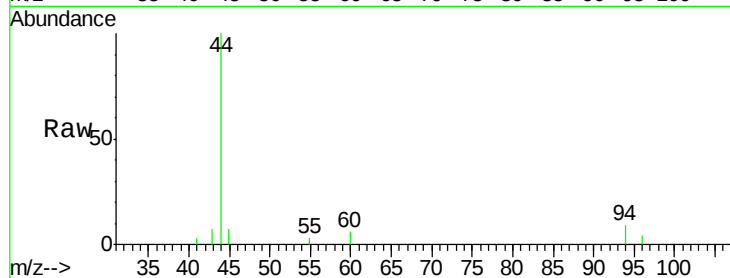
SOIL-CUTTINGS

Tot Ion: 94 Resp: 387

Ion Ratio Lower Upper

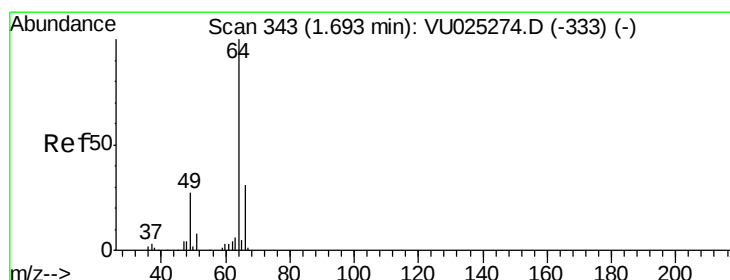
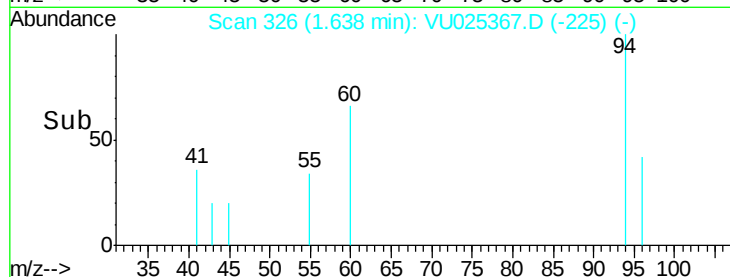
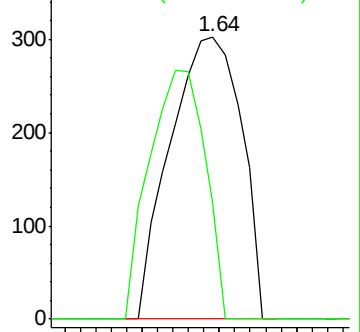
94 100

96 41.6 75.0 112.4#



Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0



#6

Chloroethane

Concen: 0.31 ug/l

RT: 1.88 min Scan# 401

Delta R.T. 0.19 min

Lab File: VU025367.D

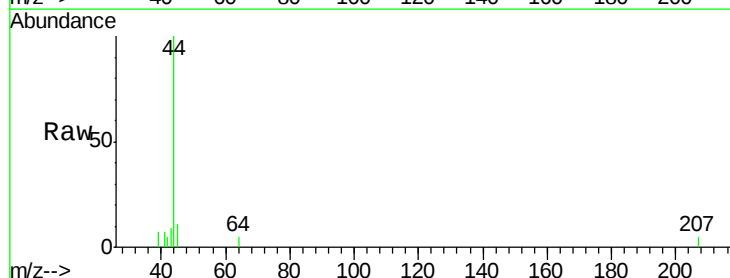
Acq: 13 Jul 2018 03:14

Tgt Ion: 64 Resp: 23

Ion Ratio Lower Upper

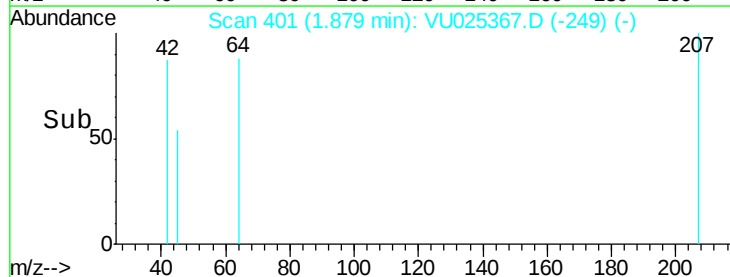
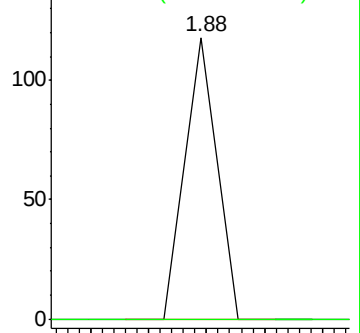
64 100

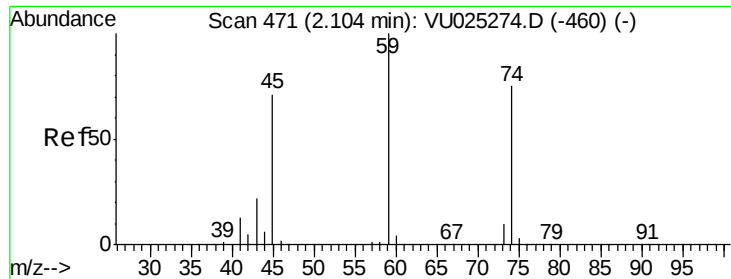
66 0.0 25.0 37.4#



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0





#8

Diethyl Ether

Concen: 1.25 ug/l

RT: 2.11 min Scan# 472

Delta R.T. 0.00 min

Lab File: VU025367.D

Acq: 13 Jul 2018 03:14

Instrument :

MSVOA_U

ClientSampleId :

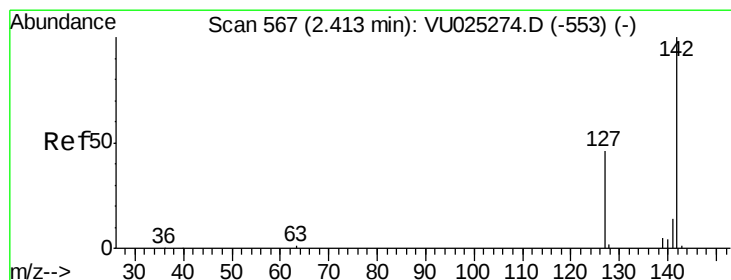
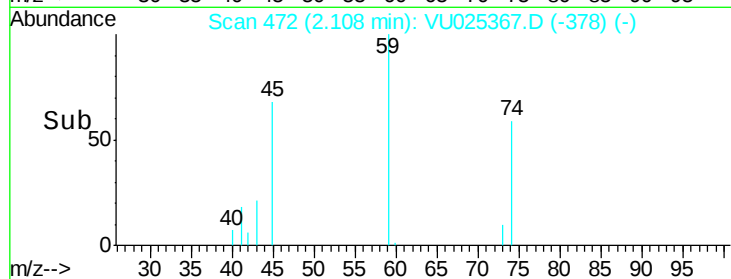
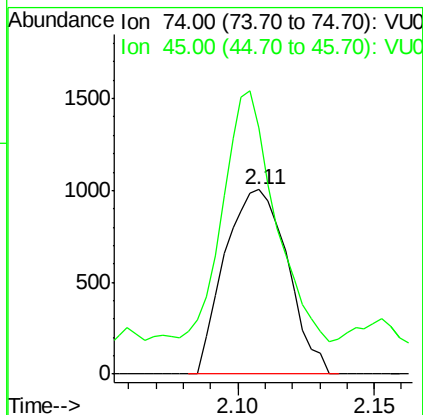
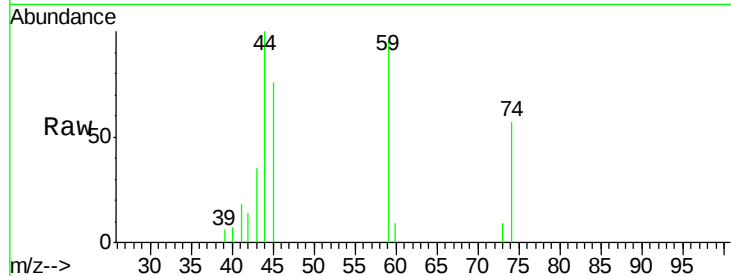
SOIL-CUTTINGS

Tot Ion: 74 Resp: 1609

Ion Ratio Lower Upper

74 100

45 123.4 48.3 144.9



#10

Methyl Iodide

Concen: 7.74 ug/l

RT: 2.42 min Scan# 568

Delta R.T. 0.00 min

Lab File: VU025367.D

Acq: 13 Jul 2018 03:14

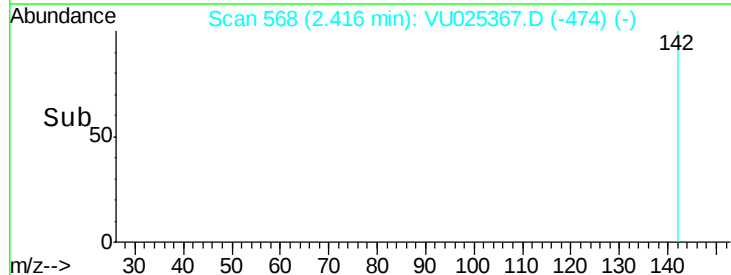
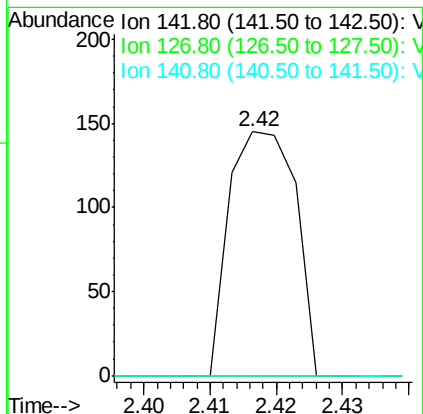
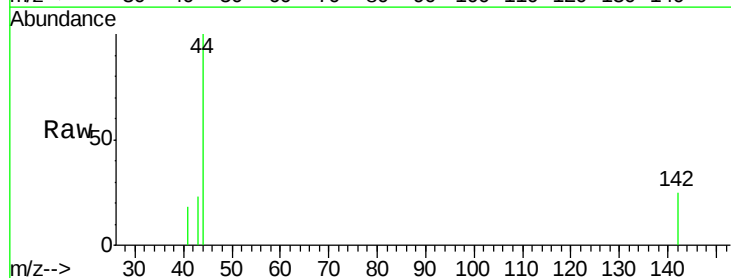
Tgt Ion: 142 Resp: 101

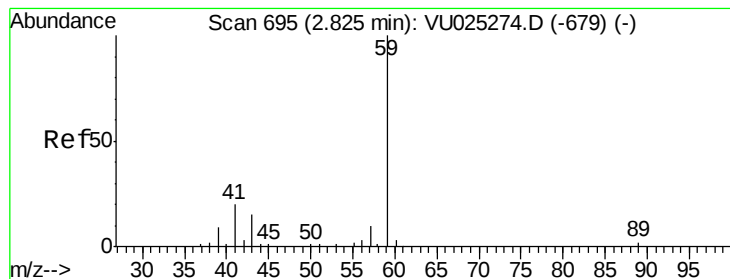
Ion Ratio Lower Upper

142 100

127 0.0 36.5 54.7#

141 0.0 11.4 17.2#



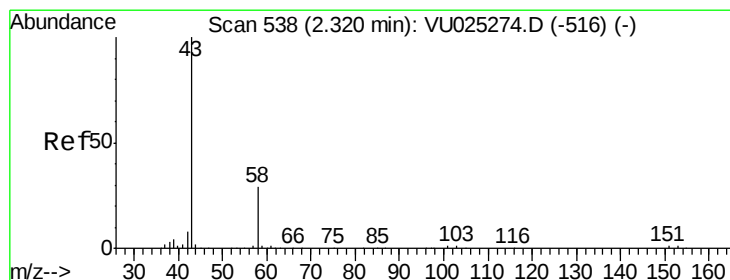
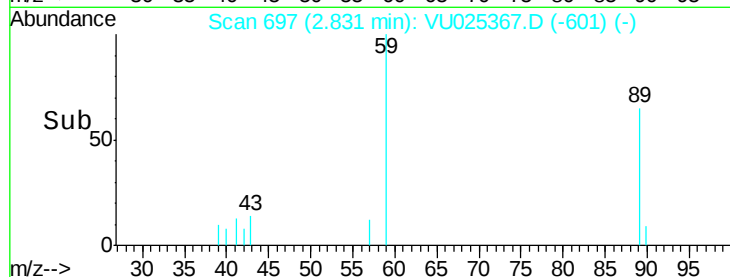
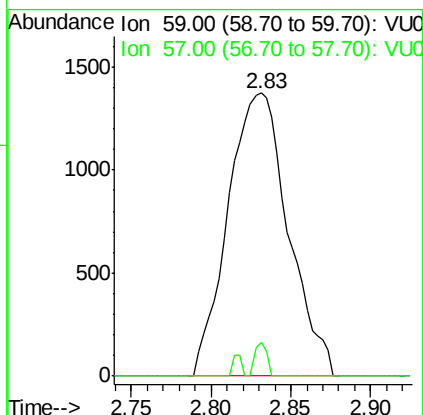
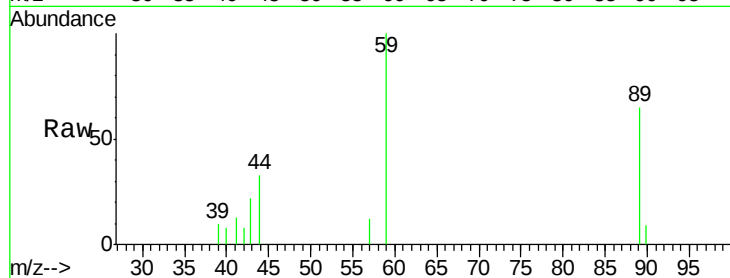


#11

Tert butyl alcohol
 Concen: 5.47 ug/l
 RT: 2.83 min Scan# 697
 Delta R.T. 0.01 min
 Lab File: VU025367.D
 Acq: 13 Jul 2018 03:14

Instrument :
 MSVOA_U
 ClientSampleId :
 SOIL-CUTTINGS

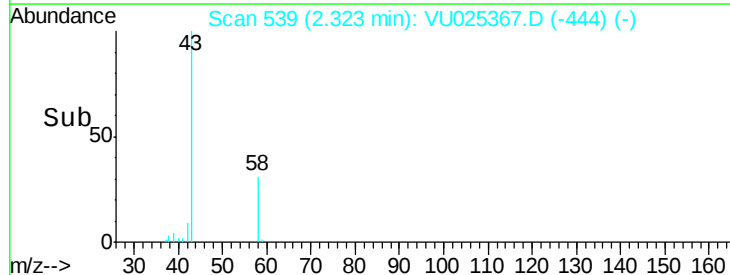
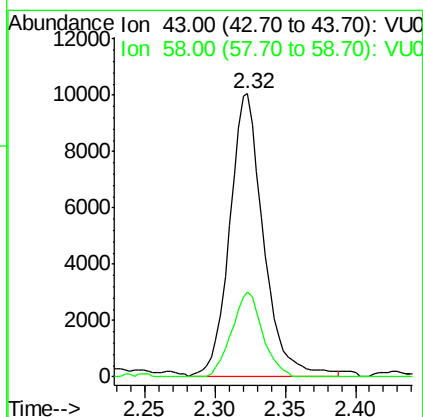
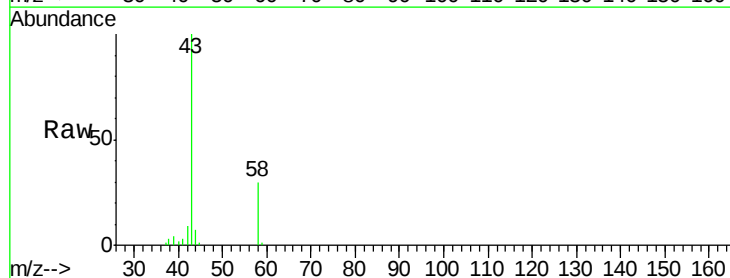
Tot Ion: 59 Resp: 3548
 Ion Ratio Lower Upper
 59 100
 57 2.3 8.2 12.2#

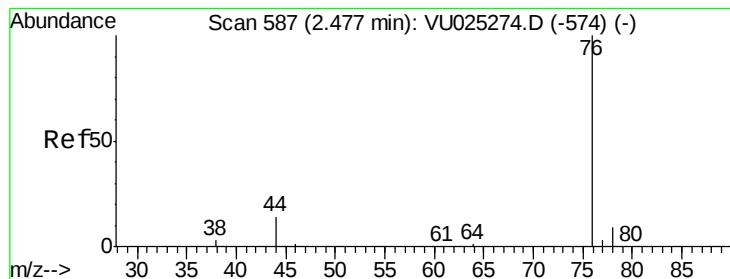


#16

Acetone
 Concen: 15.79 ug/l
 RT: 2.32 min Scan# 539
 Delta R.T. 0.00 min
 Lab File: VU025367.D
 Acq: 13 Jul 2018 03:14

Tgt Ion: 43 Resp: 16919
 Ion Ratio Lower Upper
 43 100
 58 29.9 23.1 34.7





#17

Carbon Disulfide

Concen: 2.01 ug/l

RT: 2.48 min Scan# 588

Delta R.T. 0.00 min

Lab File: VU025367.D

Acq: 13 Jul 2018 03:14

Instrument :

MSVOA_U

ClientSampleId :

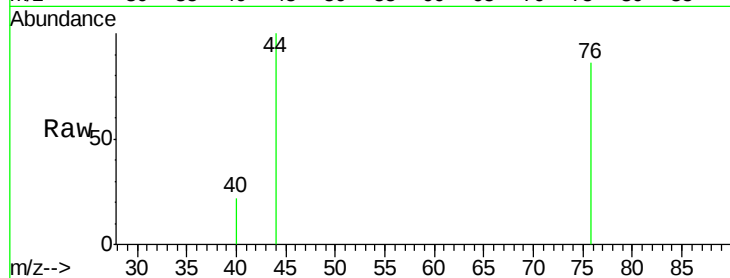
SOIL-CUTTINGS

Tot Ion: 76 Resp: 466

Ion Ratio Lower Upper

76 100

78 0.0 7.4 11.2#



Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0

2.48

400

300

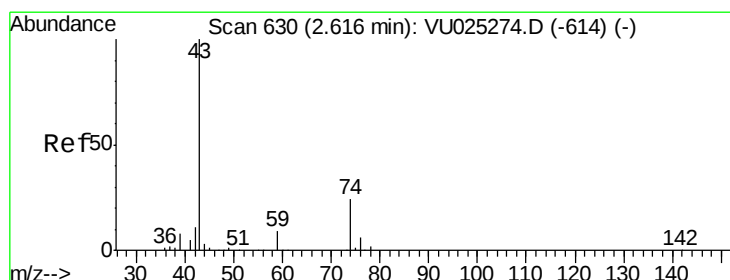
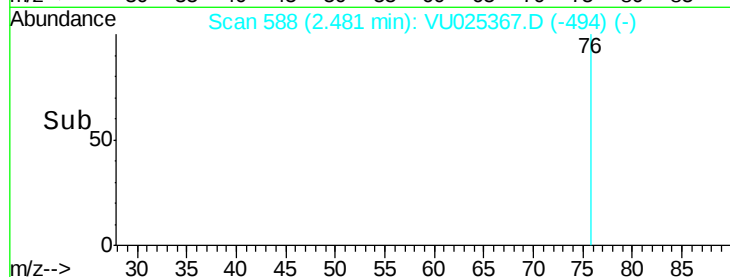
200

100

0

2.46 2.48 2.50

Time-->



#18

Methyl Acetate

Concen: 5.60 ug/l

RT: 2.62 min Scan# 631

Delta R.T. 0.00 min

Lab File: VU025367.D

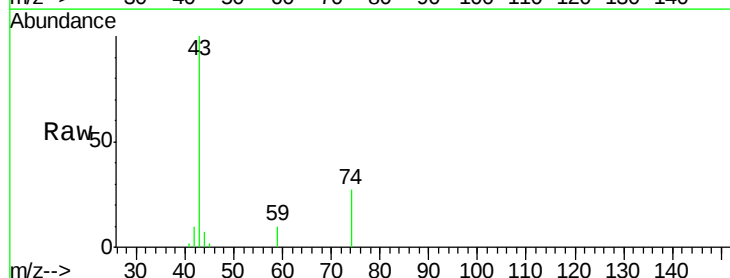
Acq: 13 Jul 2018 03:14

Tgt Ion: 43 Resp: 17056

Ion Ratio Lower Upper

43 100

74 22.8 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0

2.62

10000

8000

6000

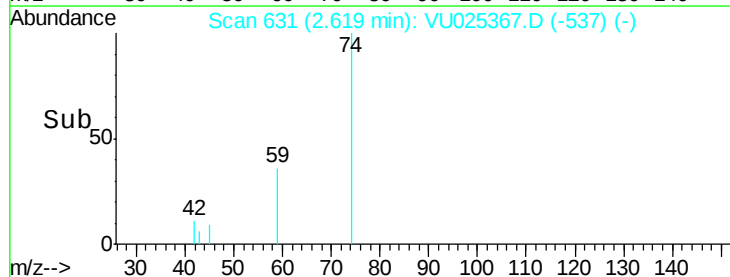
4000

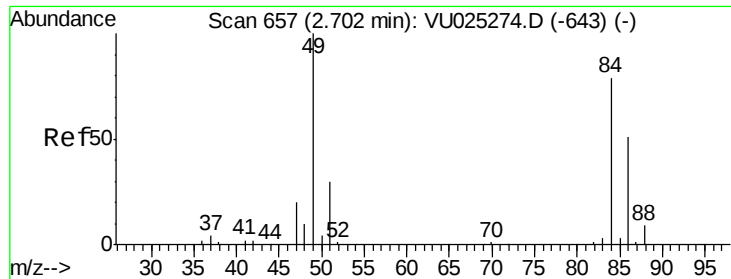
2000

0

2.55 2.60 2.65 2.70

Time-->

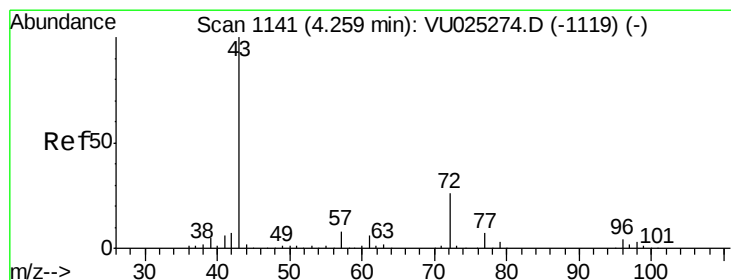
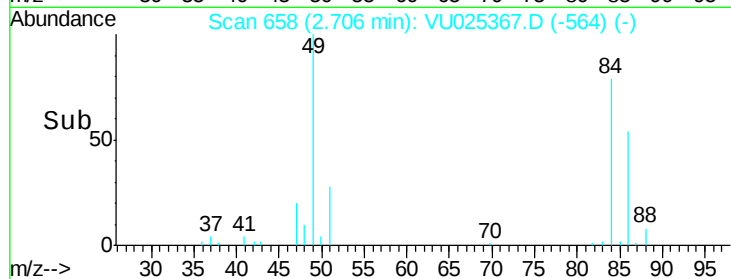
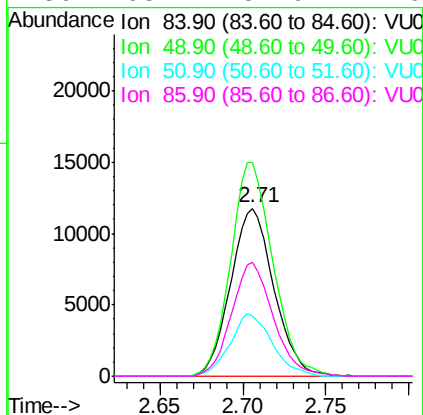
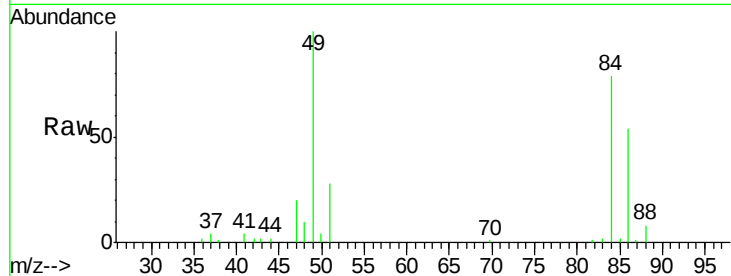




#20
Methvlene Chloride
Concen: 9.83 ug/l
RT: 2.71 min Scan# 658
Delta R.T. 0.00 min
Lab File: VU025367.D
Acq: 13 Jul 2018 03:14

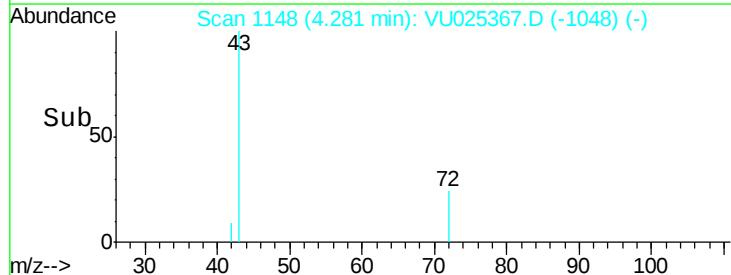
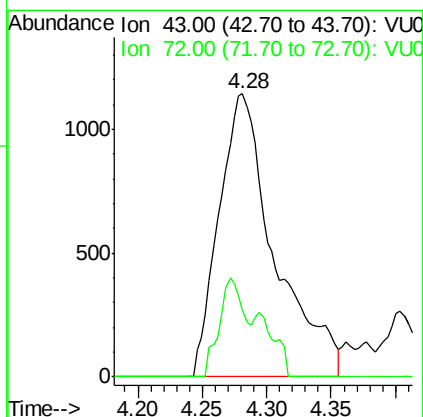
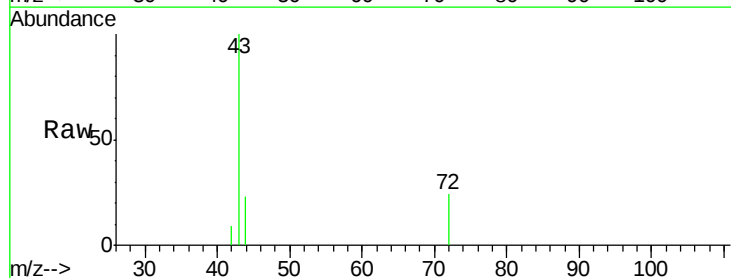
Instrument :
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SOIL-CUTTINGS

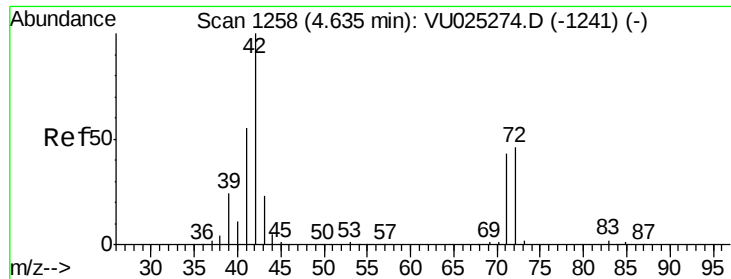
Tot Ion: 84 Resp: 21339
Ion Ratio Lower Upper
84 100
49 127.3 101.8 152.6
51 36.1 30.8 46.2
86 68.2 51.9 77.9



#25
2-Butanone
Concen: 1.66 ug/l
RT: 4.28 min Scan# 1148
Delta R.T. 0.02 min
Lab File: VU025367.D
Acq: 13 Jul 2018 03:14

Tgt Ion: 43 Resp: 3426
Ion Ratio Lower Upper
43 100
72 23.6 21.0 31.4





#29

Tetrahydrofuran

Concen: 0.26 ug/l

RT: 4.64 min Scan# 1260

Delta R.T. 0.01 min

Lab File: VU025367.D

Acq: 13 Jul 2018 03:14

Instrument :

MSVOA_U

ClientSampleId :

SOIL-CUTTINGS

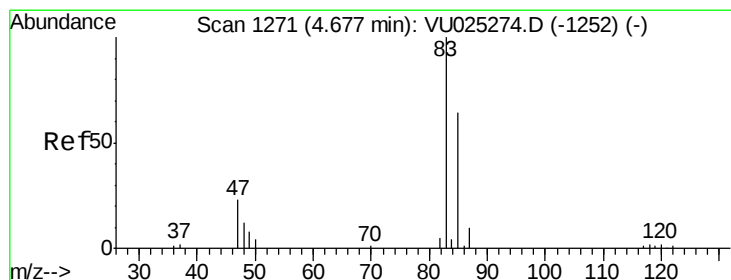
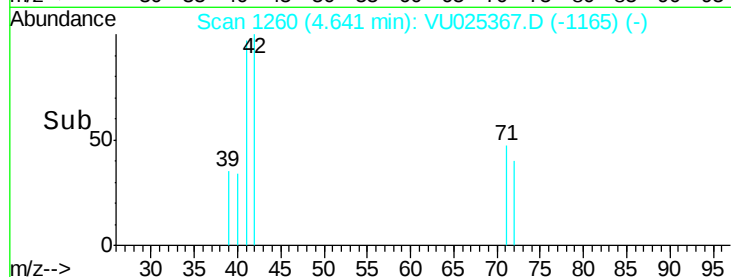
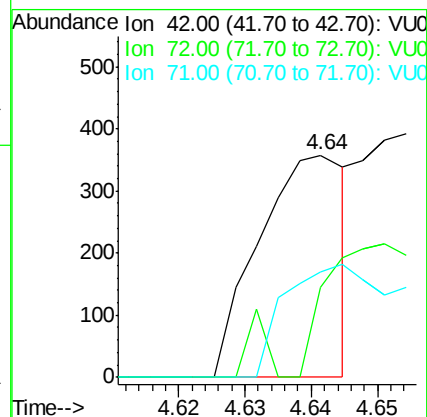
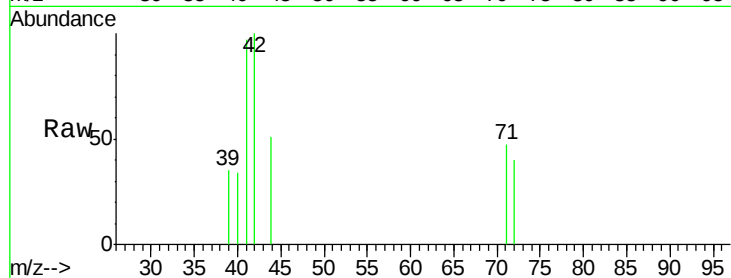
Tot Ion: 42 Resp: 326

Ion Ratio Lower Upper

42 100

72 6.4 36.7 55.1#

71 54.6 33.9 50.9#



#30

Chloroform

Concen: 1.04 ug/l

RT: 4.68 min Scan# 1273

Delta R.T. 0.01 min

Lab File: VU025367.D

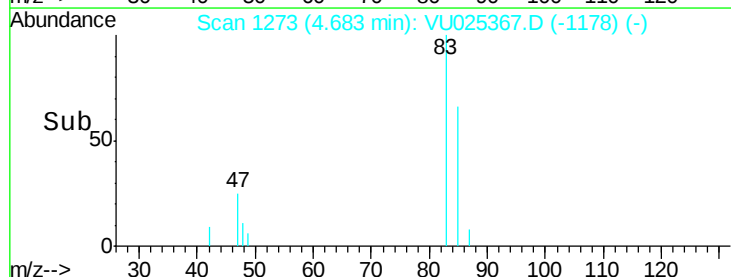
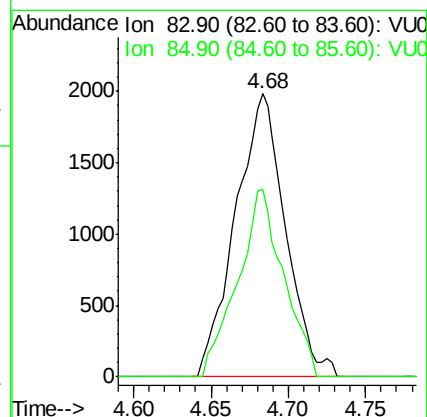
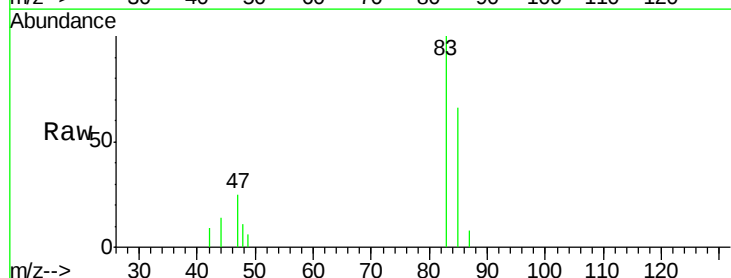
Acq: 13 Jul 2018 03:14

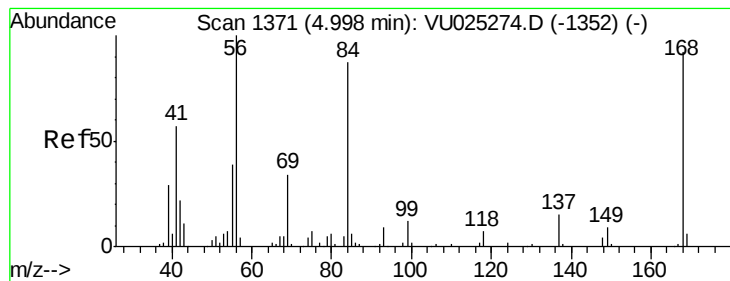
Tgt Ion: 83 Resp: 4455

Ion Ratio Lower Upper

83 100

85 66.4 51.5 77.3





#31

Cyclohexane

Concen: 1.78 ug/l

RT: 4.99 min Scan# 1369

Delta R.T. -0.01 min

Lab File: VU025367.D

Acq: 13 Jul 2018 03:14

Instrument :

MSVOA_U

ClientSampleId :

SOIL-CUTTINGS

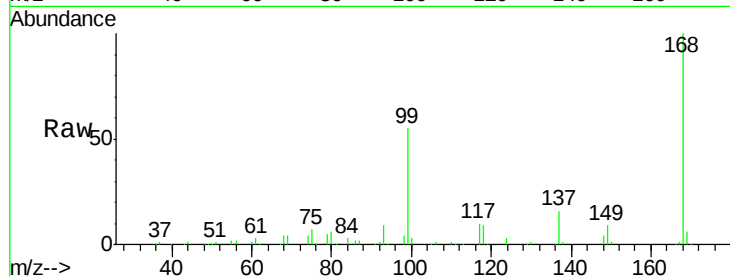
Tot Ion: 56 Resp: 3950

Ion Ratio Lower Upper

56 100

69 157.6 26.8 40.2#

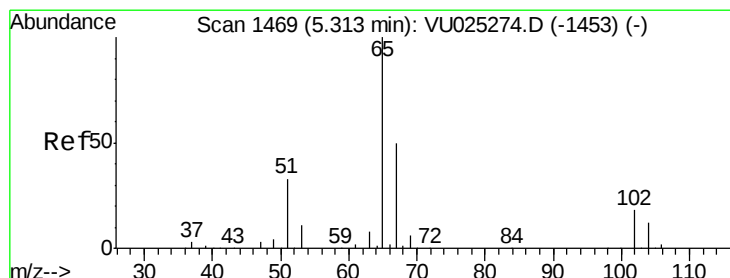
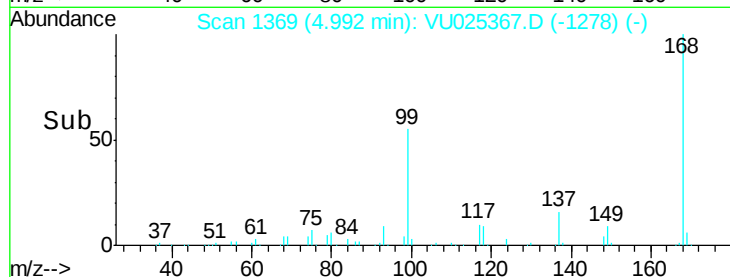
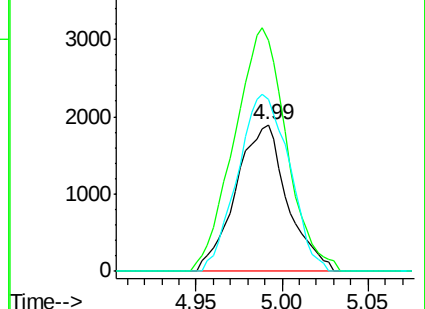
84 117.4 69.7 104.5#



Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 69.00 (68.70 to 69.70): VU0

Ion 84.00 (83.70 to 84.70): VU0



#33

1,2-Dichloroethane-d4

Concen: 50.62 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VU025367.D

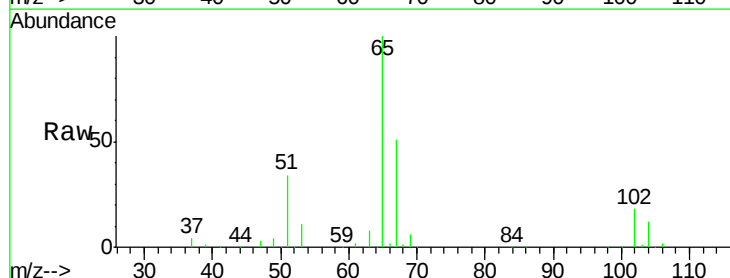
Acq: 13 Jul 2018 03:14

Tgt Ion: 65 Resp: 150619

Ion Ratio Lower Upper

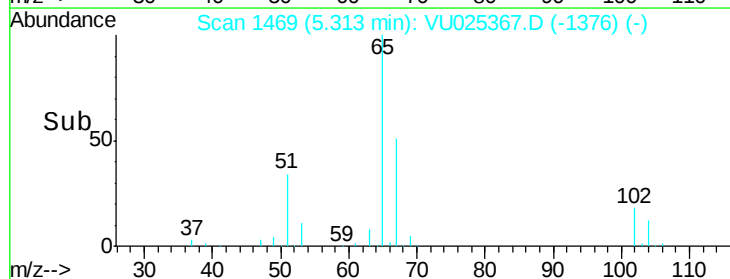
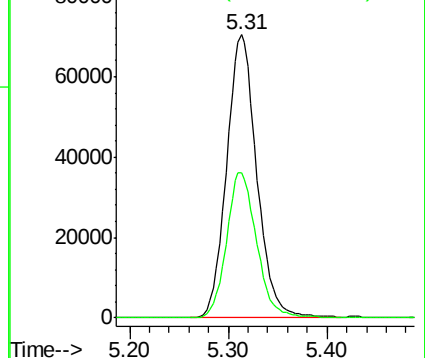
65 100

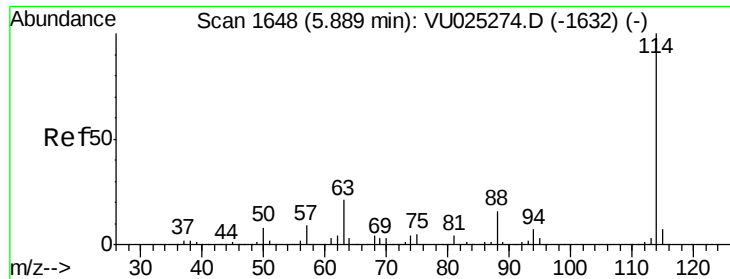
67 51.3 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VU0

Ion 66.90 (66.60 to 67.60): VU0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.89 min Scan# 1648

Delta R.T. 0.00 min

Lab File: VU025367.D

Acq: 13 Jul 2018 03:14

Instrument :

MSVOA_U

ClientSampleId :

SOIL-CUTTINGS

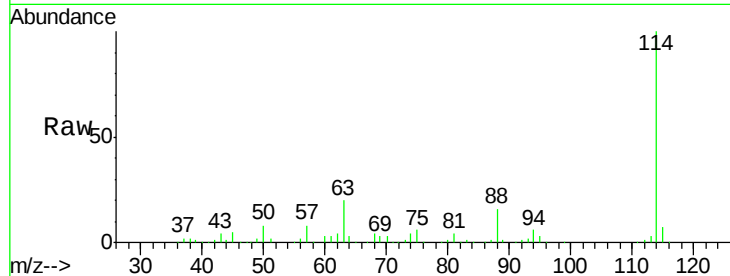
Tot Ion:114 Resp: 297926

Ion Ratio Lower Upper

114 100

63 20.0 0.0 41.6

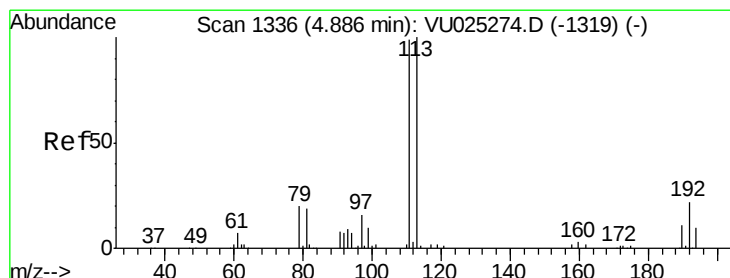
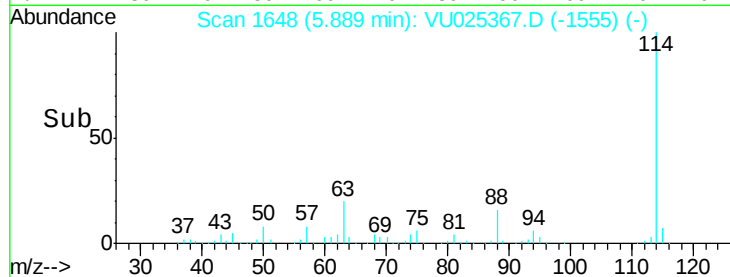
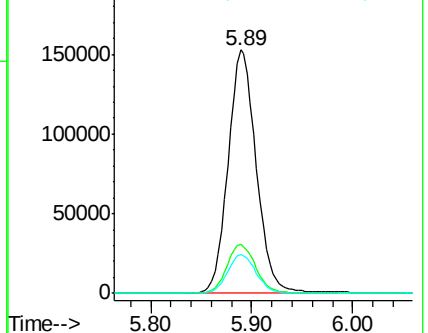
88 16.0 0.0 32.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VU0

Ion 87.90 (87.60 to 88.60): VU0



#35

Dibromofluoromethane

Concen: 46.06 ug/l

RT: 4.89 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VU025367.D

Acq: 13 Jul 2018 03:14

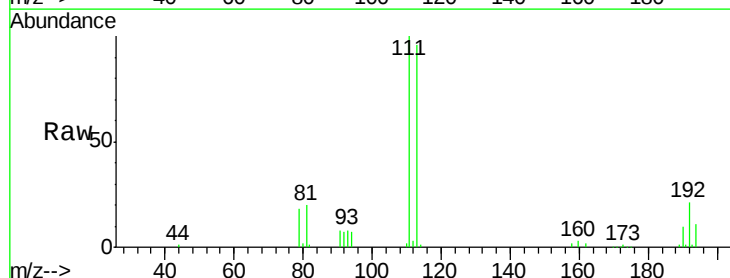
Tgt Ion:113 Resp: 115771

Ion Ratio Lower Upper

113 100

111 102.8 81.7 122.5

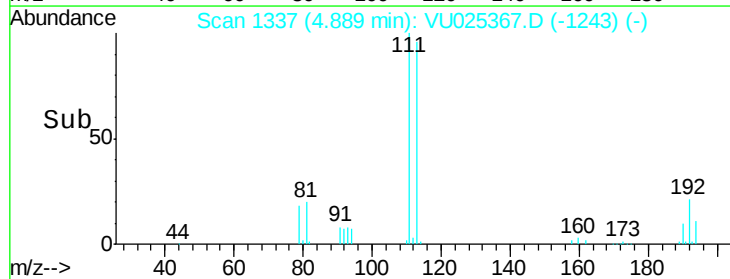
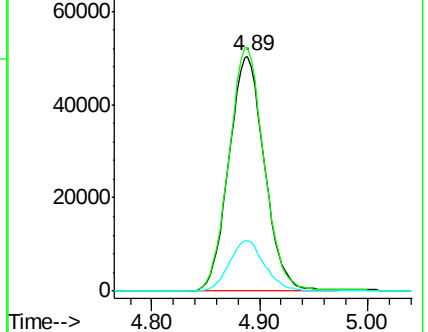
192 21.4 17.1 25.7

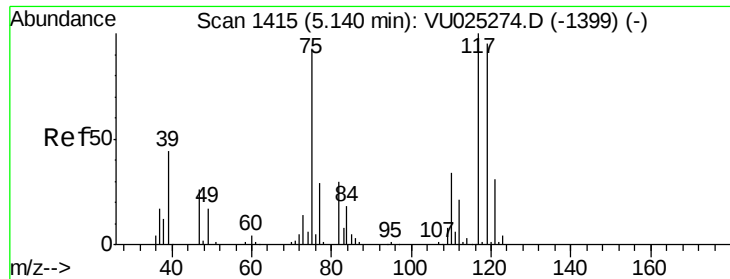


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.31 ug/l

RT: 4.99 min Scan# 1367

Delta R.T. -0.15 min

Lab File: VU025367.D

Acq: 13 Jul 2018 03:14

Instrument :

MSVOA_U

ClientSampleId :

SOIL-CUTTINGS

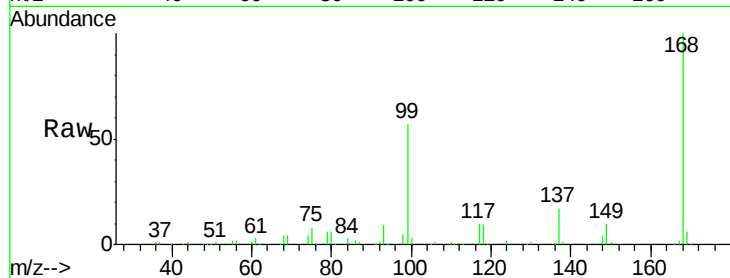
Tot Ion: 75 Resp: 14287

Ion Ratio Lower Upper

75 100

110 8.6 17.6 52.9#

77 0.0 24.4 36.6#

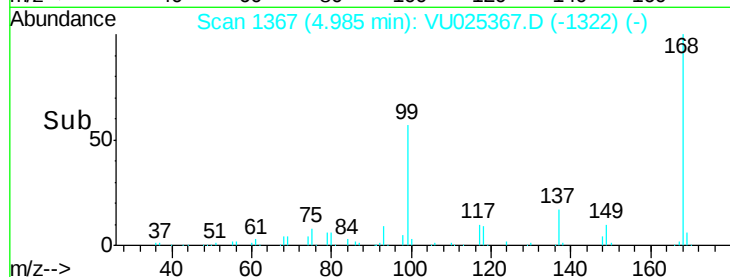


Abundance Ion 74.90 (74.60 to 75.60): VU025274.D (-1399) (-)

Ion 109.90 (109.60 to 110.60): VU025274.D (-1399) (-)

Ion 76.90 (76.60 to 77.60): VU025274.D (-1399) (-)

Time-->



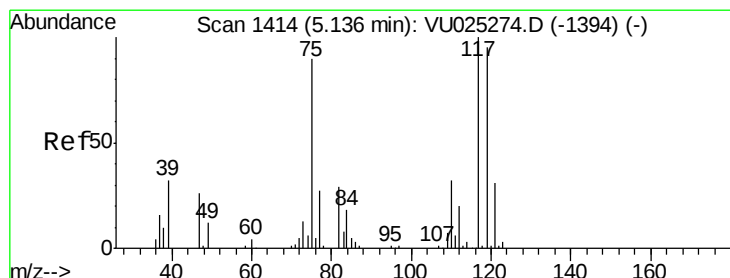
Abundance

Ion 74.90 (74.60 to 75.60): VU025274.D (-1399) (-)

Ion 109.90 (109.60 to 110.60): VU025274.D (-1399) (-)

Ion 76.90 (76.60 to 77.60): VU025274.D (-1399) (-)

Time-->



#38

Carbon Tetrachloride

Concen: 5.15 ug/l

RT: 4.99 min Scan# 1367

Delta R.T. -0.15 min

Lab File: VU025367.D

Acq: 13 Jul 2018 03:14

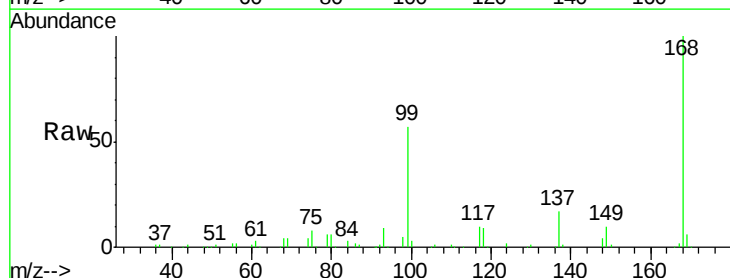
Tgt Ion: 117 Resp: 18351

Ion Ratio Lower Upper

117 100

119 3.4 75.7 113.5#

121 0.0 24.6 36.8#

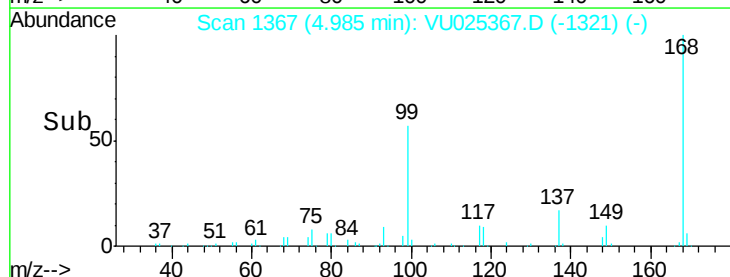


Abundance Ion 116.80 (116.50 to 117.50): VU025274.D (-1394) (-)

Ion 118.80 (118.50 to 119.50): VU025274.D (-1394) (-)

Ion 120.80 (120.50 to 121.50): VU025274.D (-1394) (-)

Time-->



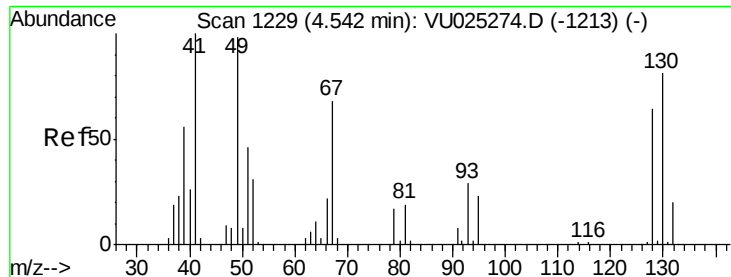
Abundance

Ion 116.80 (116.50 to 117.50): VU025274.D (-1394) (-)

Ion 118.80 (118.50 to 119.50): VU025274.D (-1394) (-)

Ion 120.80 (120.50 to 121.50): VU025274.D (-1394) (-)

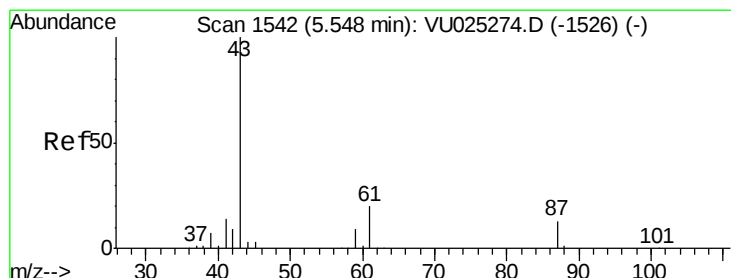
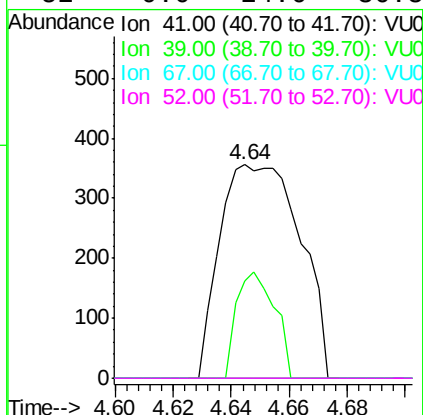
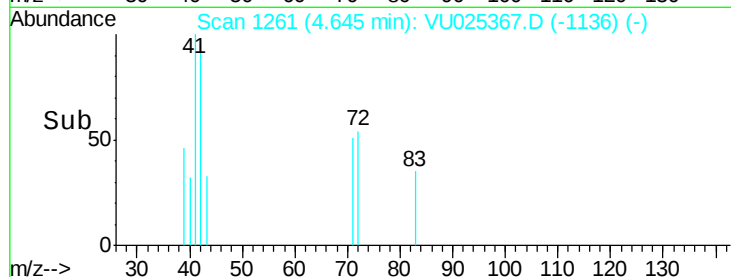
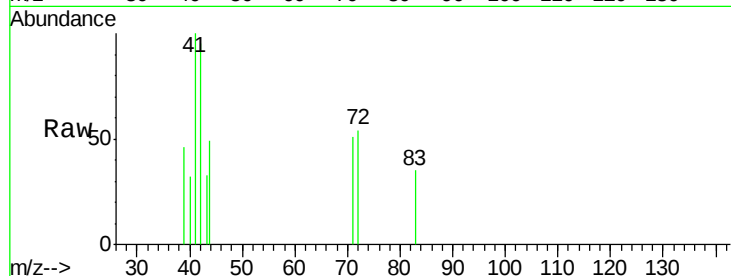
Time-->



#41
Methacrylonitrile
Concen: 0.33 ug/l
RT: 4.64 min Scan# 1261
Delta R.T. 0.10 min
Lab File: VU025367.D
Acq: 13 Jul 2018 03:14

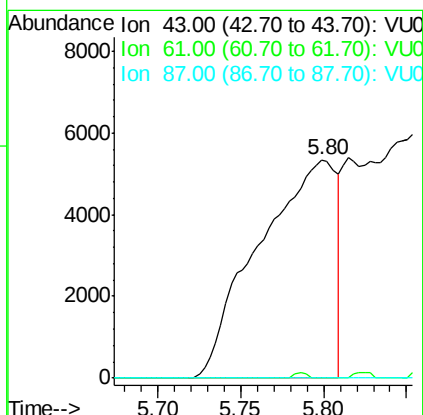
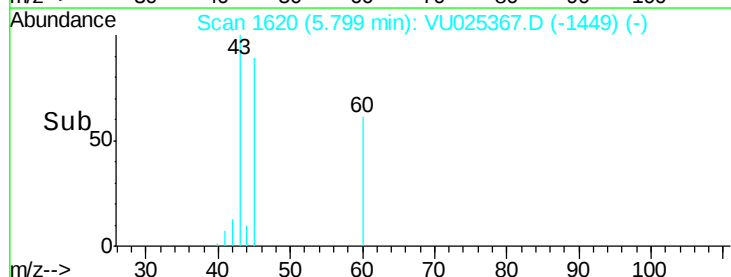
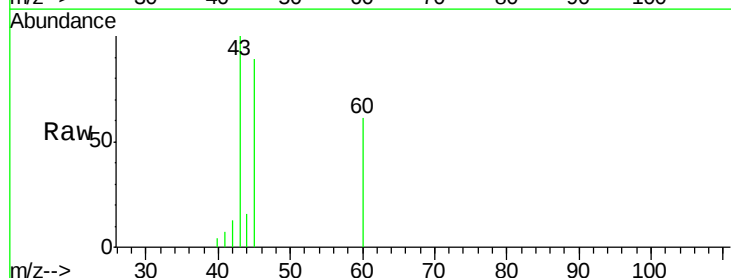
Instrument :
MSVOA_U
ClientSampleId :
SOIL-CUTTINGS

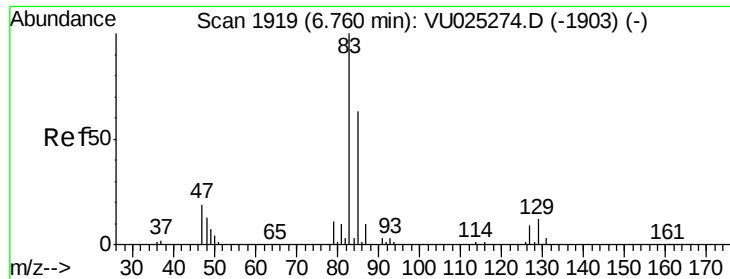
Tot Ion: 41 Resp: 685
Ion Ratio Lower Upper
41 100
39 23.6 44.4 66.6#
67 0.0 56.0 84.0#
52 0.0 24.6 36.8#



#43
Isopropyl Acetate
Concen: 2.93 ug/l
RT: 5.80 min Scan# 1620
Delta R.T. 0.25 min
Lab File: VU025367.D
Acq: 13 Jul 2018 03:14

Tgt Ion: 43 Resp: 17344
Ion Ratio Lower Upper
43 100
61 0.0 15.5 23.3#
87 0.0 10.6 16.0#





#47

Bromodichloromethane

Concen: 0.36 ug/l

RT: 6.77 min Scan# 1921

Delta R.T. 0.01 min

Lab File: VU025367.D

Acq: 13 Jul 2018 03:14

Instrument :

MSVOA_U

ClientSampleId :

SOIL-CUTTINGS

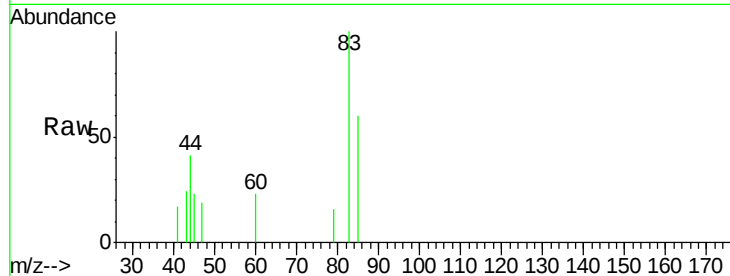
Tot Ion: 83 Resp: 1226

Ion Ratio Lower Upper

83 100

85 59.8 50.2 75.4

127 0.0 7.2 10.8#



Abundance Ion 82.90 (82.60 to 83.60): VU025367.D (-1826) (-)

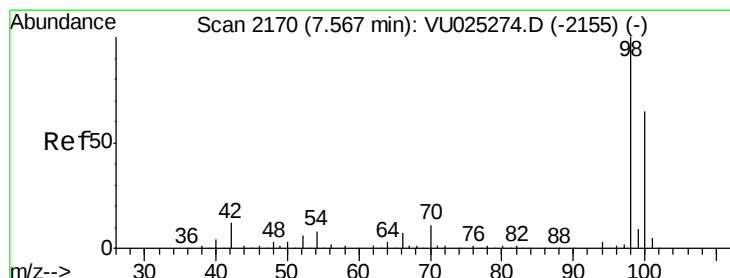
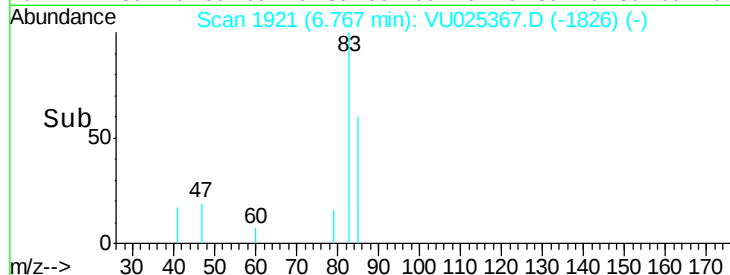
Ion 84.90 (84.60 to 85.60): VU025367.D (-1826) (-)

Ion 126.80 (126.50 to 127.50): VU025367.D (-1826) (-)

6.77

6.75 6.80

Time-->



#50

Toluene-d8

Concen: 49.81 ug/l

RT: 7.57 min Scan# 2170

Delta R.T. 0.00 min

Lab File: VU025367.D

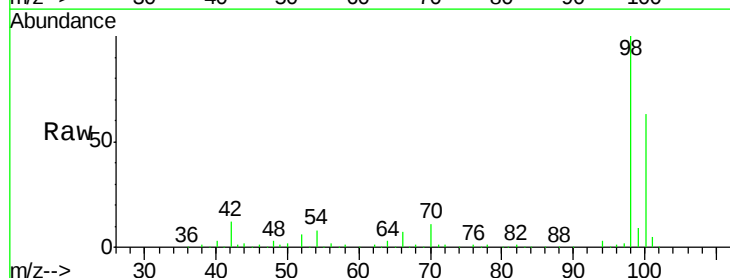
Acq: 13 Jul 2018 03:14

Tgt Ion: 98 Resp: 428716

Ion Ratio Lower Upper

98 100

100 63.3 51.1 76.7



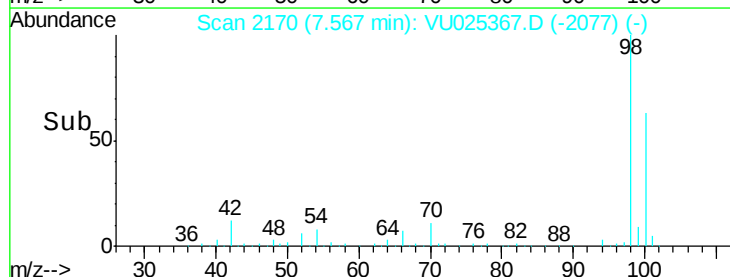
Abundance Ion 98.00 (97.70 to 98.70): VU025367.D (-2077) (-)

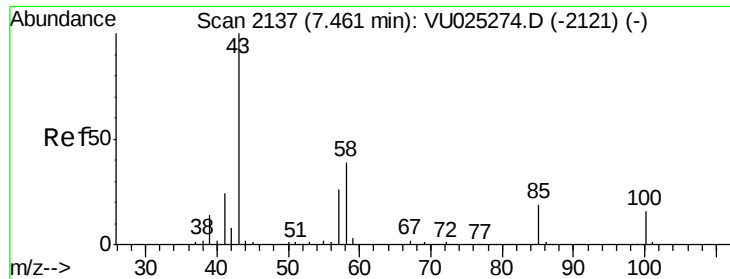
Ion 100.00 (99.70 to 100.70): VU025367.D (-2077) (-)

7.57

7.50 7.60 7.70

Time-->





#51

4-Methyl-2-Pentanone

Concen: 0.28 ug/l

RT: 7.47 min Scan# 2139

Delta R.T. 0.01 min

Lab File: VU025367.D

Acq: 13 Jul 2018 03:14

Instrument :

MSVOA_U

ClientSampleId :

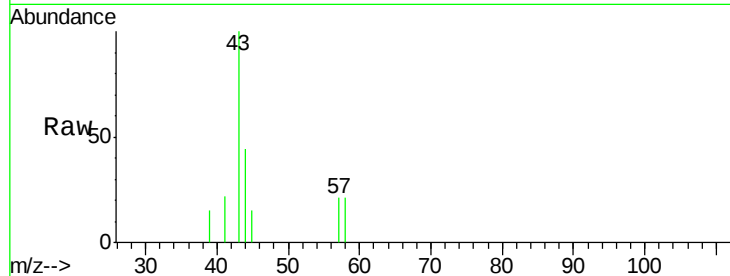
SOIL-CUTTINGS

Tot Ion: 43 Resp: 1094

Ion Ratio Lower Upper

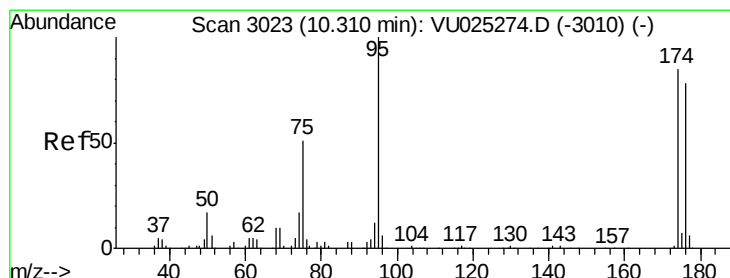
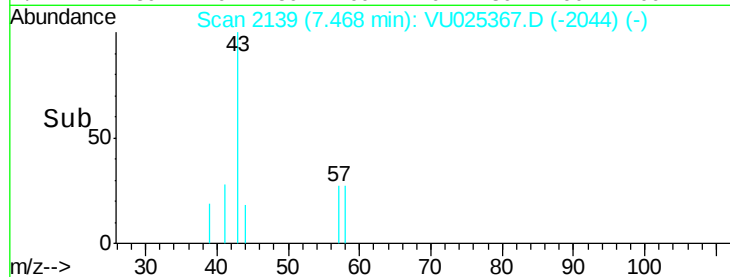
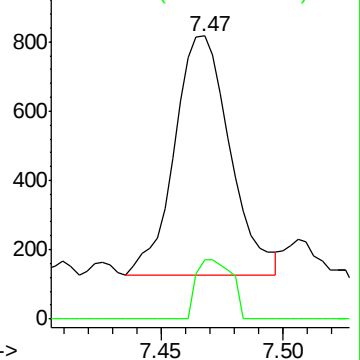
43 100

58 15.7 31.0 46.4#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#62

4-Bromofluorobenzene

Concen: 45.00 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU025367.D

Acq: 13 Jul 2018 03:14

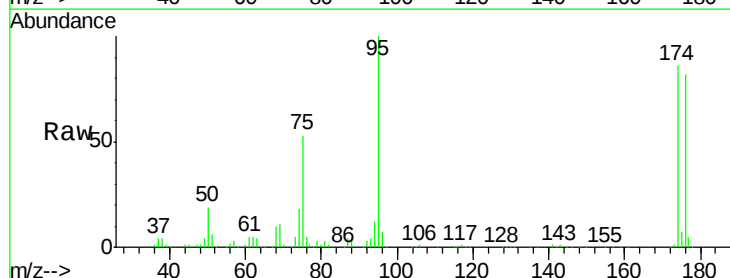
Tgt Ion: 95 Resp: 155917

Ion Ratio Lower Upper

95 100

174 86.5 0.0 172.2

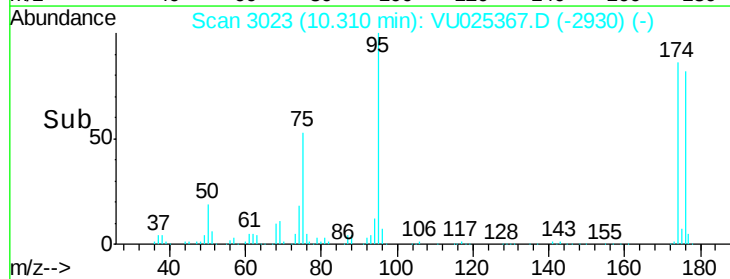
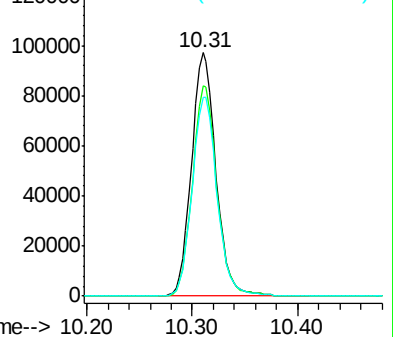
176 83.3 0.0 162.6

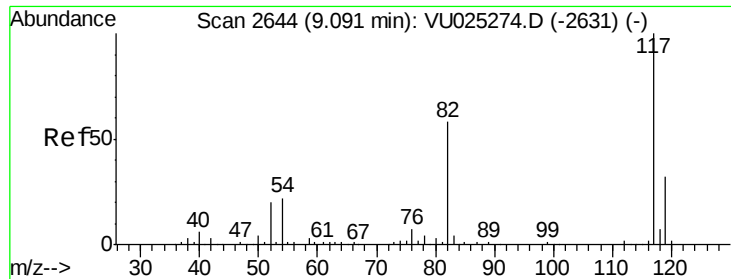


Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

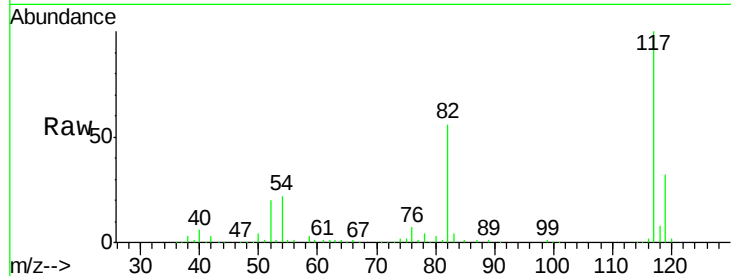




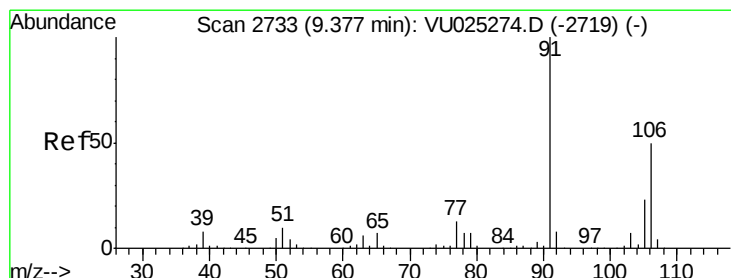
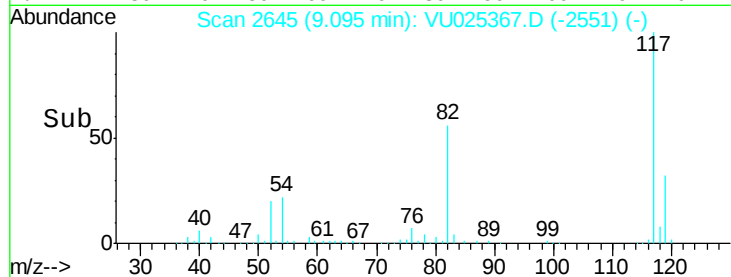
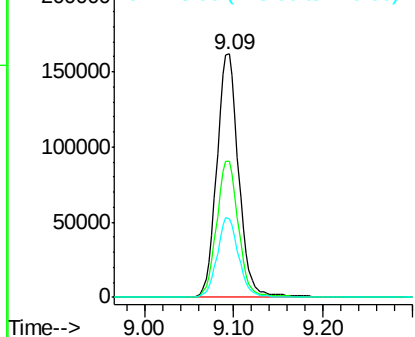
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VU025367.D
Acq: 13 Jul 2018 03:14

Instrument :
MSVOA_U
ClientSampleId :
SOIL-CUTTINGS

Tot Ion:117 Resp: 274810
Ion Ratio Lower Upper
117 100
82 55.8 46.0 69.0
119 32.4 26.0 39.0

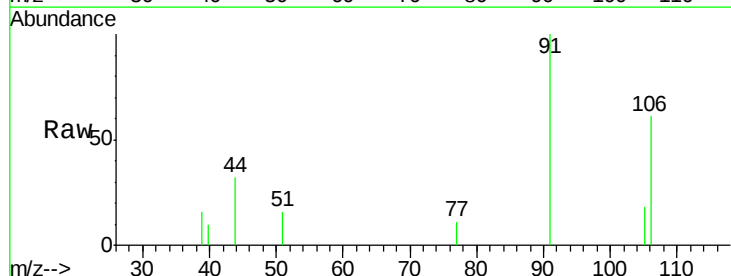


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

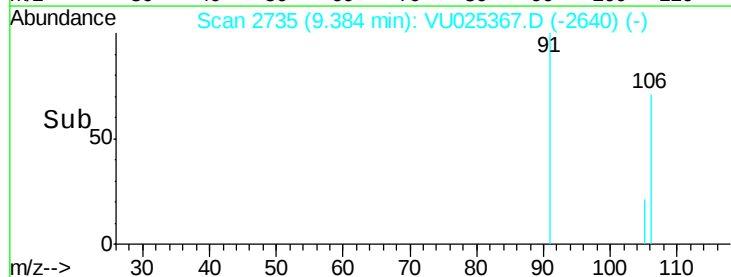
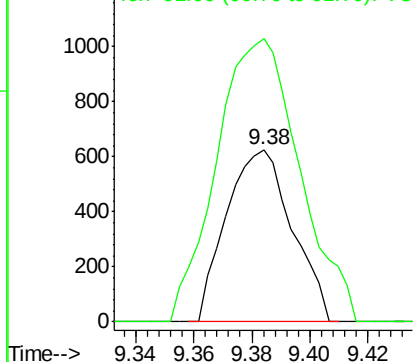


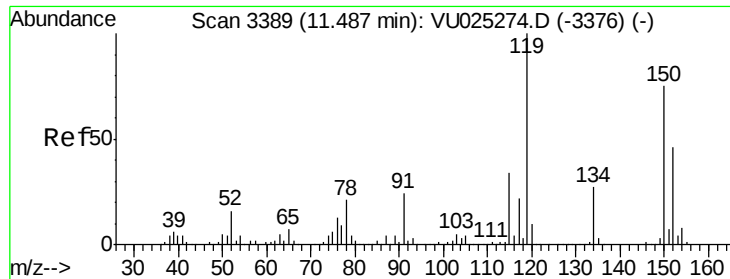
#68
m/p-Xylenes
Concen: 0.22 ug/l
RT: 9.38 min Scan# 2735
Delta R.T. 0.01 min
Lab File: VU025367.D
Acq: 13 Jul 2018 03:14

Tgt Ion:106 Resp: 985
Ion Ratio Lower Upper
106 100
91 207.6 162.3 243.5



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VU025367.D

Acq: 13 Jul 2018 03:14

Instrument :

MSVOA_U

ClientSampleId :

SOIL-CUTTINGS

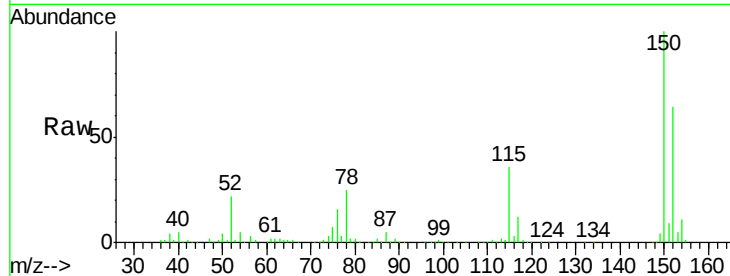
Tot Ion:152 Resp: 143860

Ion Ratio Lower Upper

152 100

115 57.4 40.1 120.3

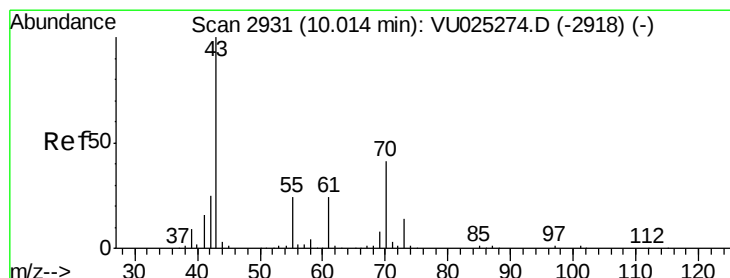
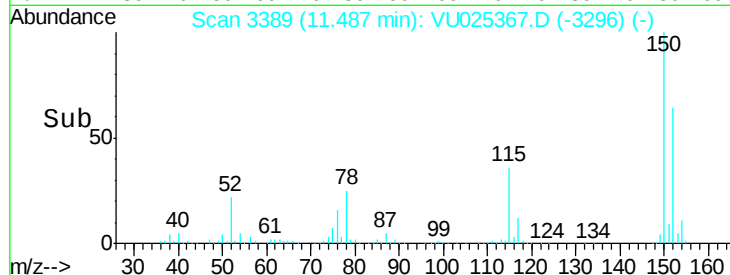
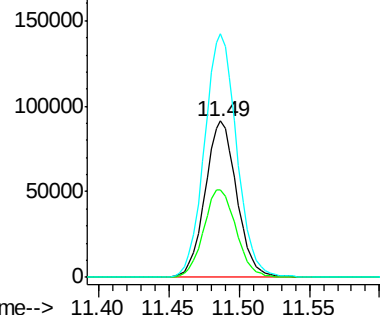
150 158.3 0.0 351.4



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



#74

N-ethyl acetate

Concen: 1.28 ug/l

RT: 10.02 min Scan# 2933

Delta R.T. 0.01 min

Lab File: VU025367.D

Acq: 13 Jul 2018 03:14

Tgt Ion: 43 Resp: 68

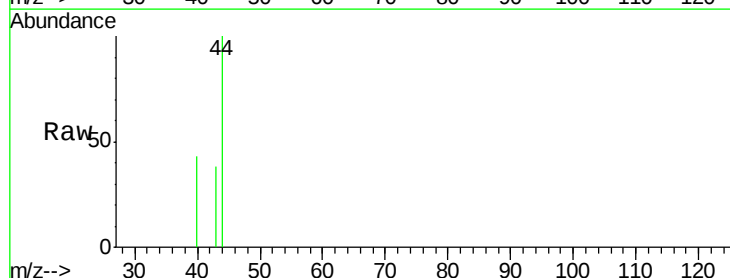
Ion Ratio Lower Upper

43 100

70 0.0 33.4 50.2#

55 0.0 19.0 28.6#

61 0.0 19.3 28.9#

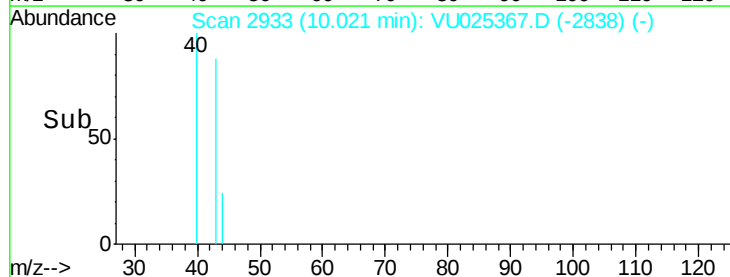
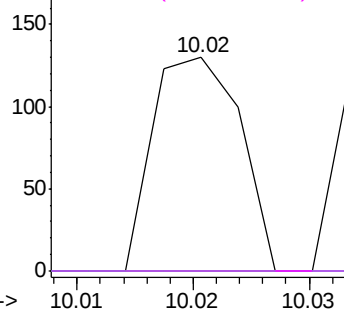


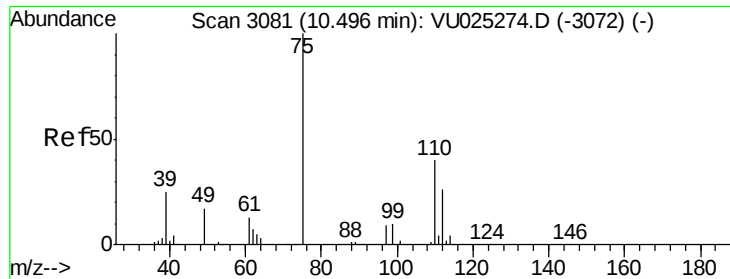
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

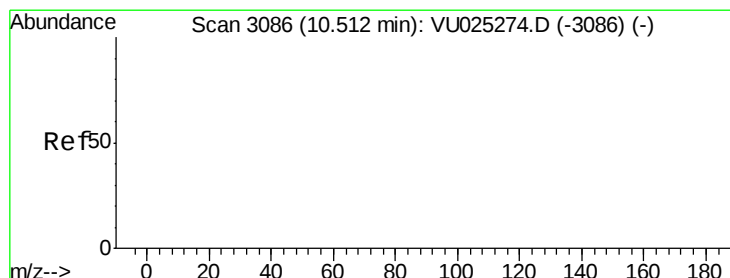
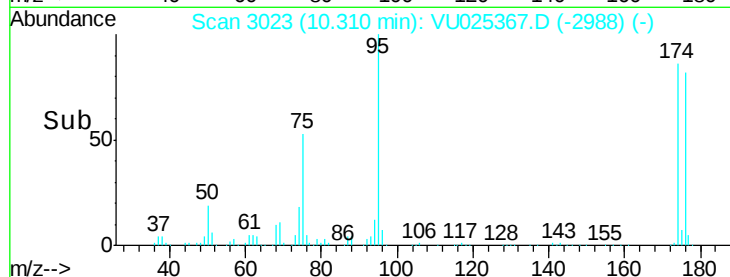
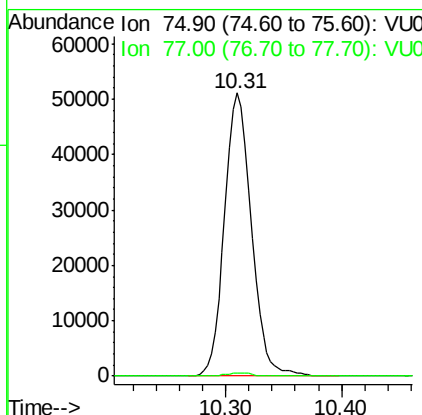
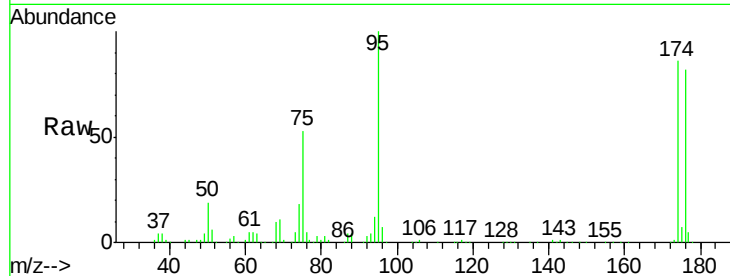




#76
 1,2,3-Trichloropropane
 Concen: 28.05 ug/l
 RT: 10.31 min Scan# 3023
 Delta R.T. -0.19 min
 Lab File: VU025367.D
 Acq: 13 Jul 2018 03:14

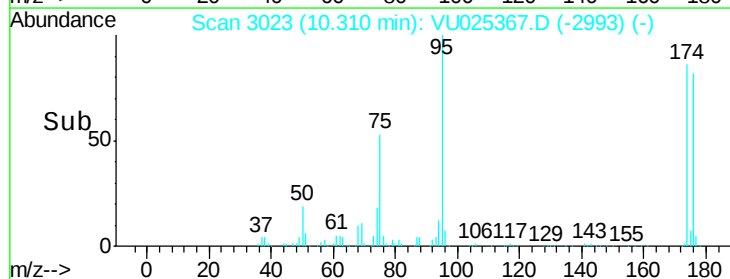
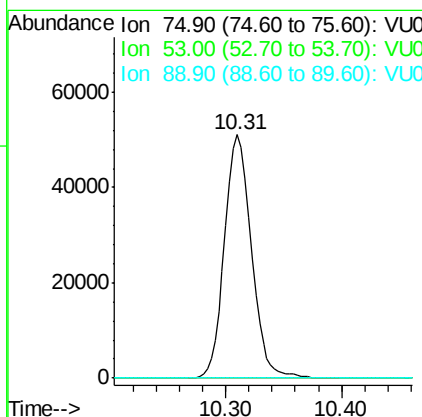
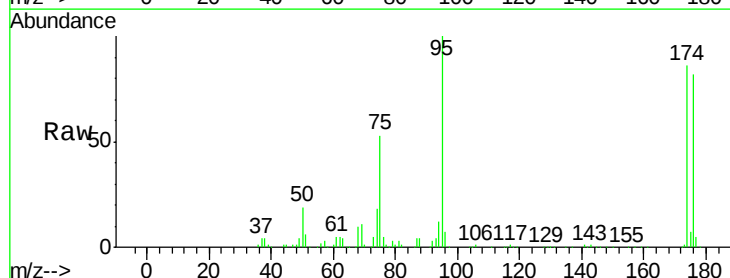
Instrument :
 MSVOA_U
 ClientSampleId :
 SOIL-CUTTINGS

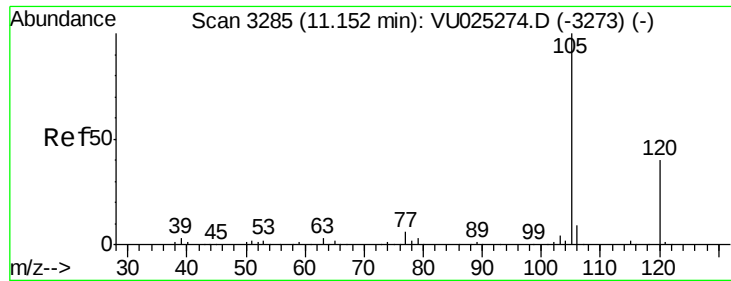
Tot Ion: 75 Resp: 82141
 Ion Ratio Lower Upper
 75 100
 77 1.0 20.4 61.3#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 71.67 ug/l
 RT: 10.31 min Scan# 3023
 Delta R.T. -0.20 min
 Lab File: VU025367.D
 Acq: 13 Jul 2018 03:14

Tgt Ion: 75 Resp: 82141
 Ion Ratio Lower Upper
 75 100
 53 0.0 0.0 0.0
 89 0.0 0.0 0.0

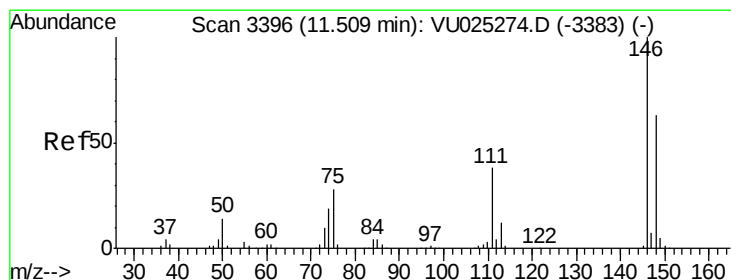
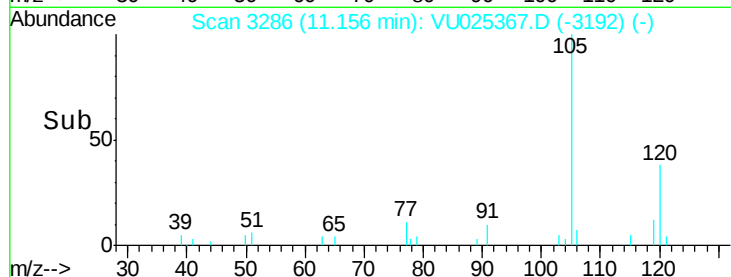
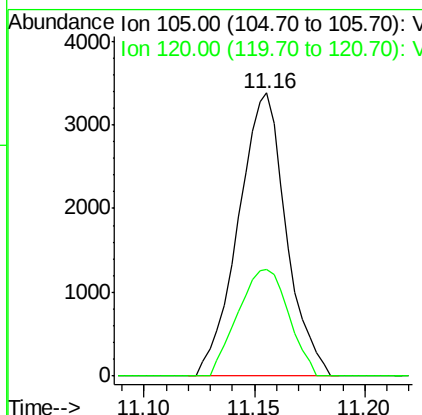
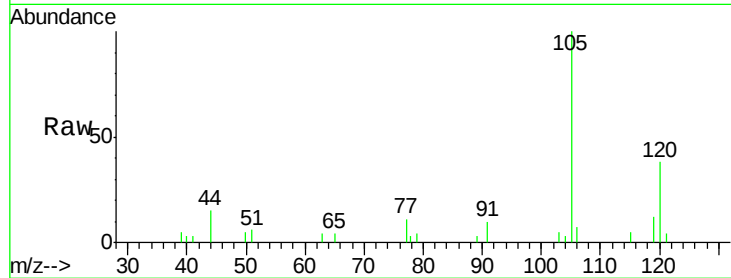




#84
 1,2,4-Trimethylbenzene
 Concen: 0.54 ug/l
 RT: 11.16 min Scan# 3286
 Delta R.T. 0.00 min
 Lab File: VU025367.D
 Acq: 13 Jul 2018 03:14

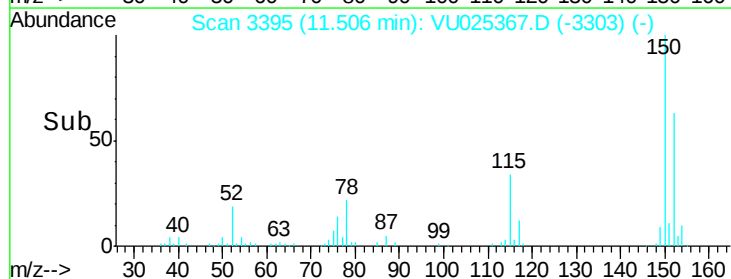
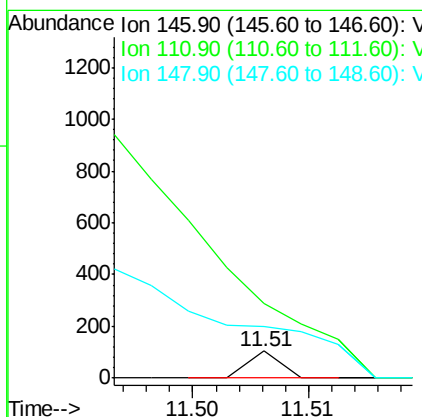
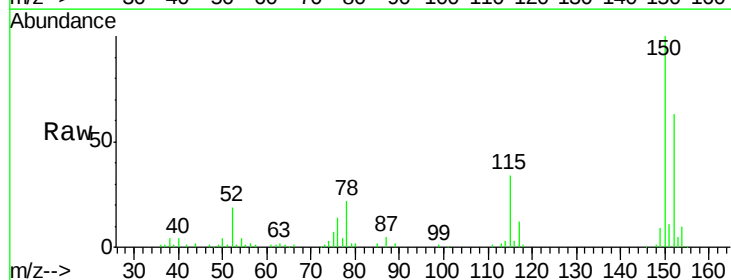
Instrument :
 MSVOA_U
 ClientSampleId :
 SOIL-CUTTINGS

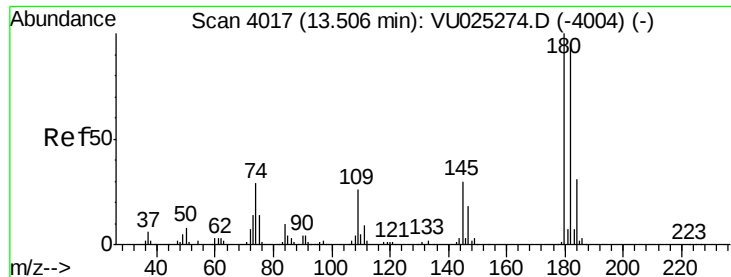
Tot Ion:105 Resp: 5116
 Ion Ratio Lower Upper
 105 100
 120 39.8 22.3 66.8



#88
 1,4-Dichlorobenzene
 Concen: 1.49 ug/l
 RT: 11.51 min Scan# 3395
 Delta R.T. -0.00 min
 Lab File: VU025367.D
 Acq: 13 Jul 2018 03:14

Tgt Ion:146 Resp: 20
 Ion Ratio Lower Upper
 146 100
 111 9640.0 19.4 58.1#
 148 3635.0 31.7 95.1#

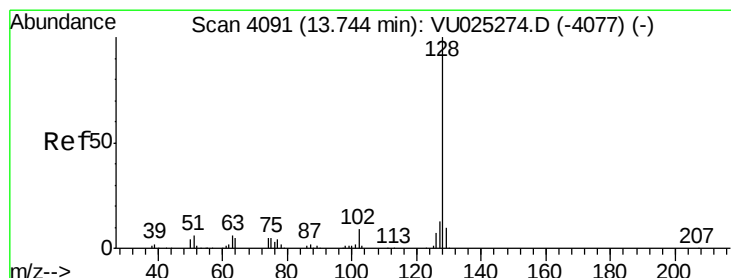
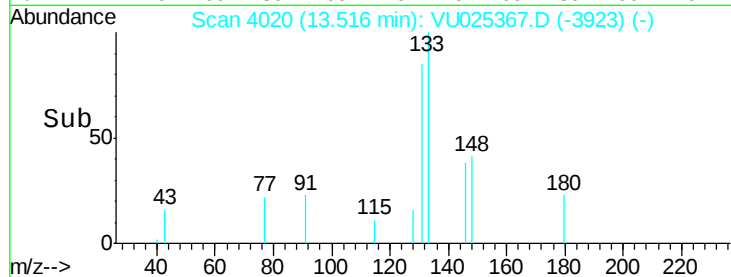
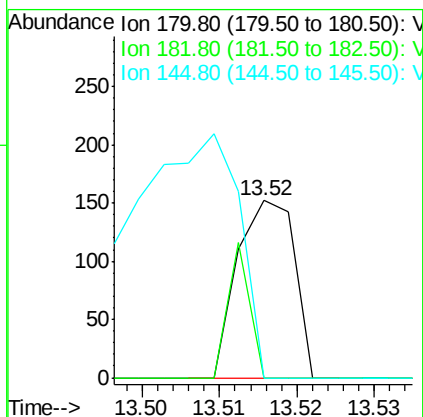
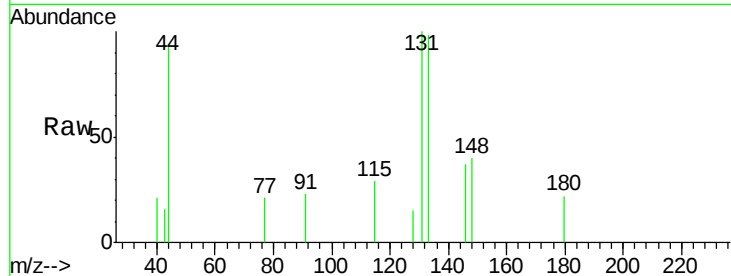




#93
 1,2,4-Trichlorobenzene
 Concen: 3.30 ug/l
 RT: 13.52 min Scan# 4020
 Delta R.T. 0.01 min
 Lab File: VU025367.D
 Acq: 13 Jul 2018 03:14

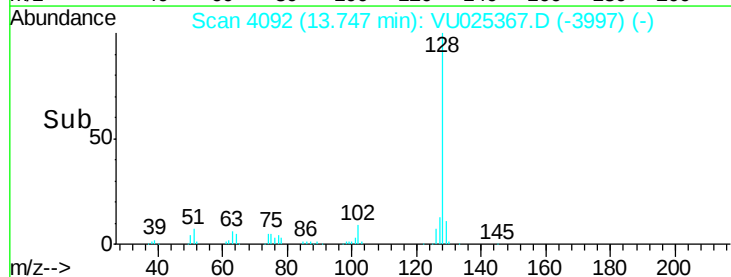
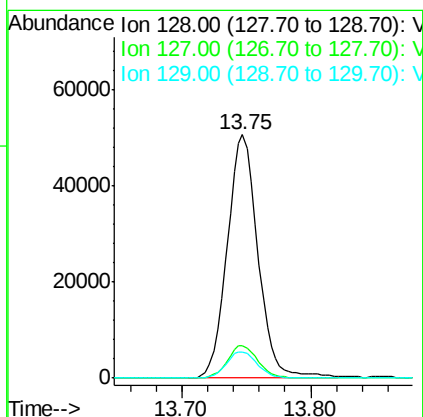
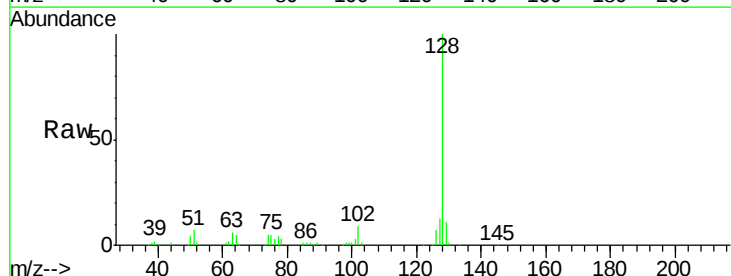
Instrument :
 MSVOA_U
 ClientSampleId :
 SOIL-CUTTINGS

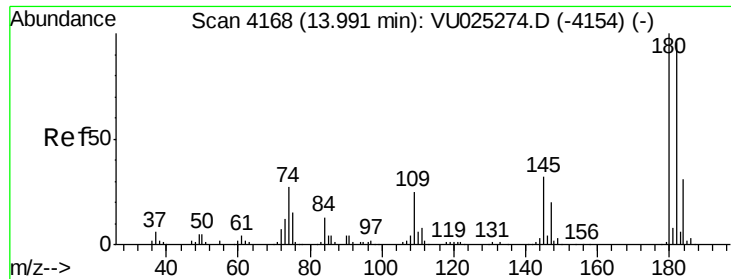
Tot Ion:180 Resp: 78
 Ion Ratio Lower Upper
 180 100
 182 28.2 47.3 141.9#
 145 248.7 14.9 44.7#



#95
 Naphthalene
 Concen: 9.96 ug/l
 RT: 13.75 min Scan# 4092
 Delta R.T. 0.00 min
 Lab File: VU025367.D
 Acq: 13 Jul 2018 03:14

Tgt Ion:128 Resp: 83712
 Ion Ratio Lower Upper
 128 100
 127 13.3 10.5 15.7
 129 10.9 8.3 12.5





#96
 1,2,3-Trichlorobenzene
 Concen: 2.58 ug/l
 RT: 14.00 min Scan# 4170
 Delta R.T. 0.01 min
 Lab File: VU025367.D
 Acq: 13 Jul 2018 03:14

Instrument :
 MSVOA_U
 ClientSampleId :
 SOIL-CUTTINGS

Tot Ion	Ratio	Lower	Upper
180	100		
182	37.0	47.8	143.3#
145	53.3	15.6	46.8#

