

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070218\
 Data File : VU025150.D
 Acq On : 02 Jul 2018 18:03
 Operator : MD/SY
 Sample : J3796-02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 JC-SOIL

Quant Time: Jul 03 03:01:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 13 13:55:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	208260	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	316919	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	287976	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	151841	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	158312	46.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.12%	
35) Dibromofluoromethane	4.89	113	123680	47.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.04%	
50) Toluene-d8	7.57	98	450706	46.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.96%	
62) 4-Bromofluorobenzene	10.31	95	166547	43.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.44%	

Target Compounds

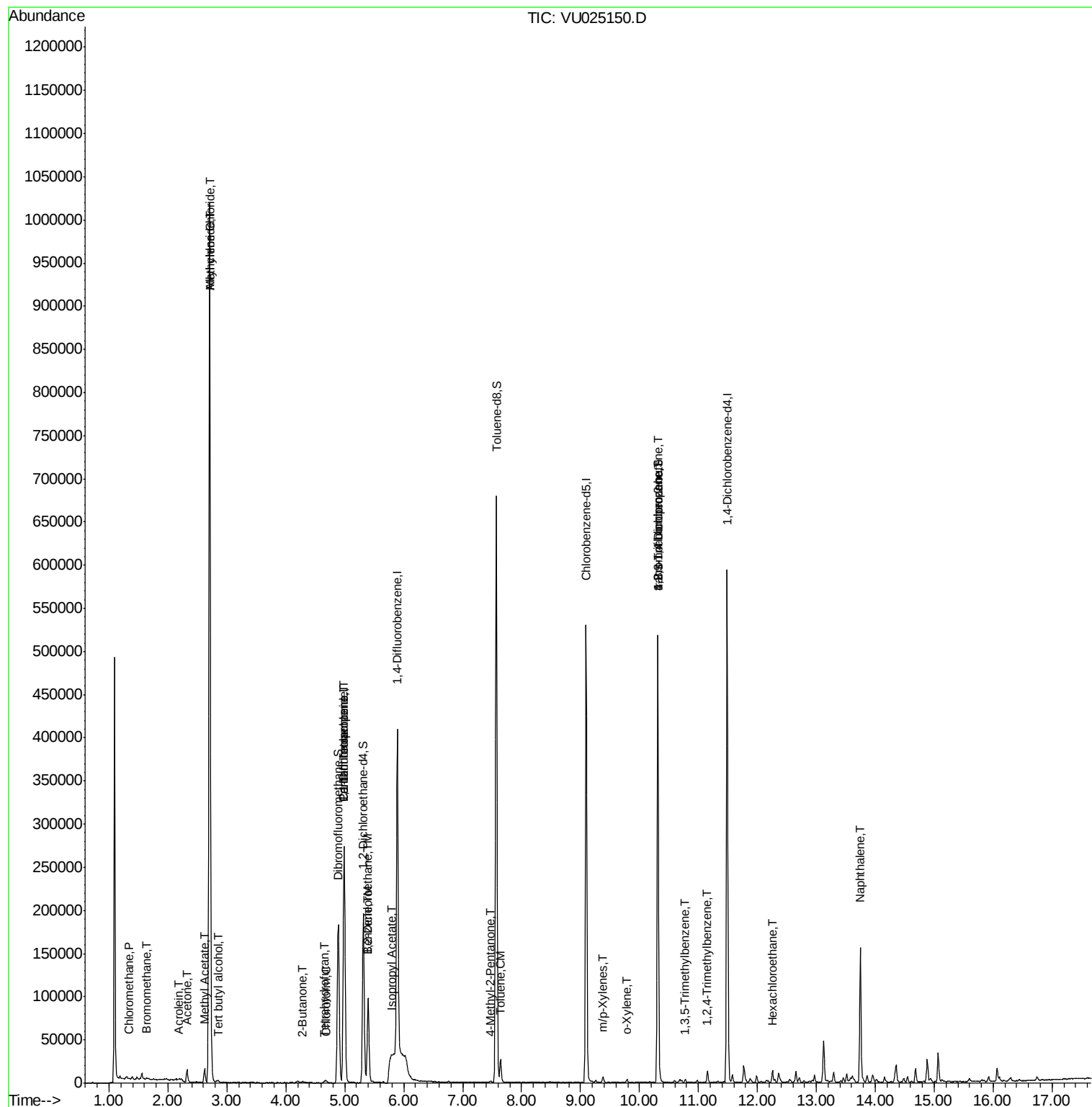
					Qvalue
3) Chloromethane	1.33	50	656	0.246 ug/l	90
5) Bromomethane	1.64	94	547	0.412 ug/l #	68
6) Chloroethane	1.68	64	160	Below Cal #	43
8) Diethyl Ether	2.11	74	114	Below Cal #	1
11) Tert butyl alcohol	2.84	59	1519	1.837 ug/l #	72
13) Acrolein	2.19	56	92	0.212 ug/l #	1
14) Allyl chloride	2.71	41	15800	3.588 ug/l #	20
16) Acetone	2.32	43	16026	8.773 ug/l	97
18) Methyl Acetate	2.62	43	19199	4.902 ug/l	100
20) Methylene Chloride	2.71	84	453308	158.150 ug/l	97
25) 2-Butanone	4.28	43	3197	1.303 ug/l	95
29) Tetrahydrofuran	4.65	42	587	0.386 ug/l #	78
30) Chloroform	4.68	83	1840	0.362 ug/l	90
31) Cyclohexane	4.99	56	4340	Below Cal #	1
36) 1,1-Dichloropropene	4.99	75	15220	4.087 ug/l #	51
38) Carbon Tetrachloride	4.99	117	20908	5.105 ug/l #	16
40) Benzene	5.40	78	95726	9.021 ug/l	99
42) 1,2-Dichloroethane	5.40	62	899	0.222 ug/l #	77
43) Isopropyl Acetate	5.79	43	34252	4.882 ug/l #	63
51) 4-Methyl-2-Pentanone	7.46	43	1400	0.318 ug/l	89
52) Toluene	7.64	92	10855	1.590 ug/l	99
68) m/p-Xylenes	9.38	106	2148	0.434 ug/l	95
69) o-Xylene	9.79	106	1207	0.246 ug/l	93
76) 1,2,3-Trichloropropane	10.31	75	87635	26.215 ug/l #	35
80) 1,3,5-Trimethylbenzene	10.78	105	2334	0.231 ug/l	82
81) trans-1,4-Dichloro-2-buten	10.31	75	87635	60.671 ug/l #	100
84) 1,2,4-Trimethylbenzene	11.15	105	8212	0.797 ug/l	96
90) Hexachloroethane	12.26	117	848	0.399 ug/l #	8
95) Naphthalene	13.75	128	124101	11.644 ug/l	99

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

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 13 13:55:26 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VU025150.D

Acq: 02 Jul 2018 18:03

Instrument :

MSVOA_U

ClientSampleId :

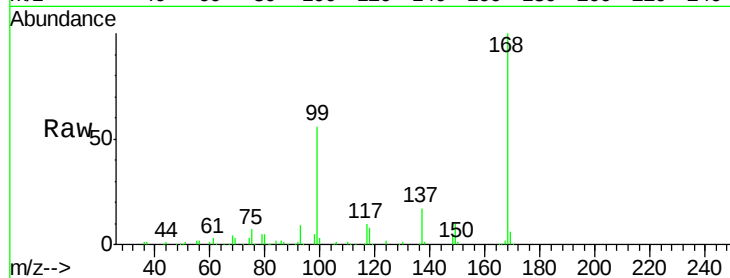
JC-SOIL

Tot Ion:168 Resp: 208260

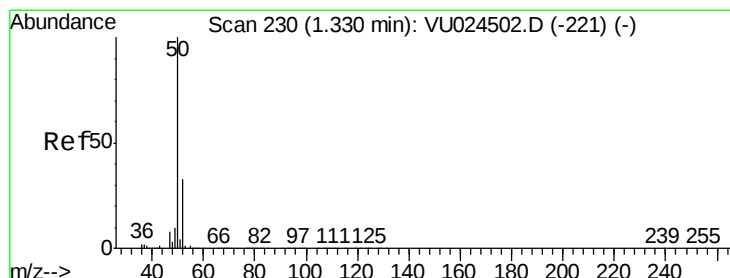
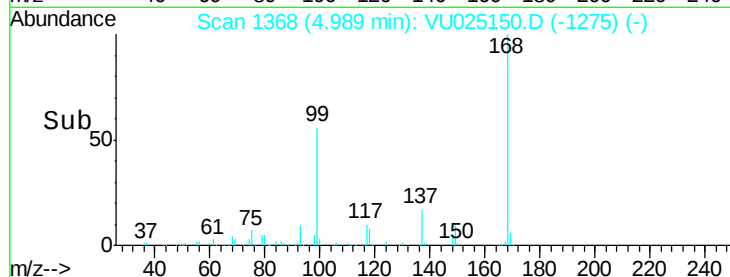
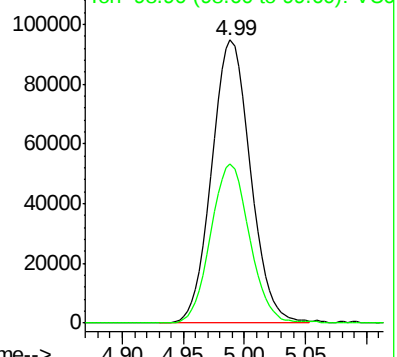
Ion Ratio Lower Upper

168 100

99 56.3 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): VU025150.D (-1275) (-)



#3

Chloromethane

Concen: 0.246 ug/l

RT: 1.33 min Scan# 231

Delta R.T. 0.00 min

Lab File: VU025150.D

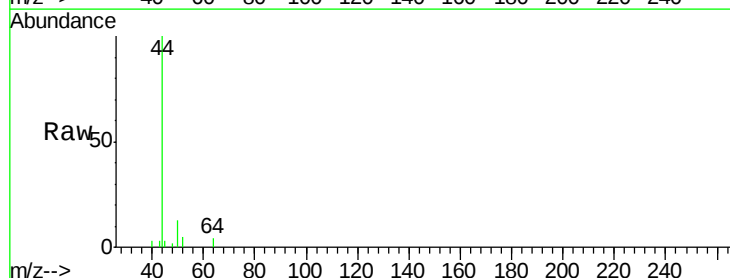
Acq: 02 Jul 2018 18:03

Tgt Ion: 50 Resp: 656

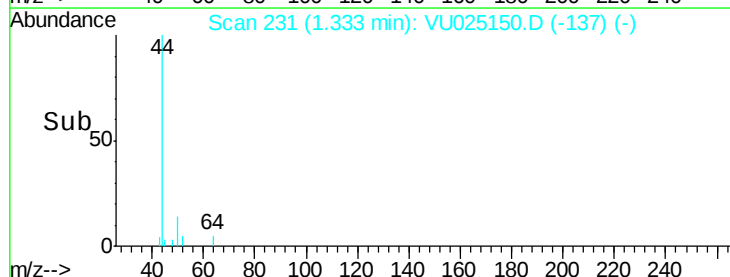
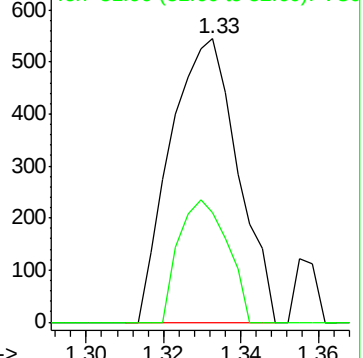
Ion Ratio Lower Upper

50 100

52 38.6 26.4 39.6



Abundance Ion 49.90 (49.60 to 50.60): VU025150.D (-137) (-)





#5

Bromomethane

Concen: 0.412 ug/l

RT: 1.64 min Scan# 326

Delta R.T. 0.02 min

Lab File: VU025150.D

Acq: 02 Jul 2018 18:03

Instrument :

MSVOA_U

ClientSampleId :

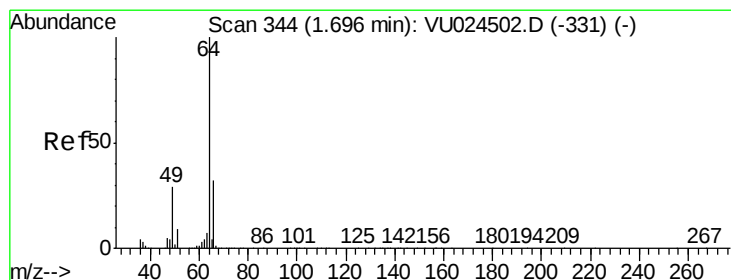
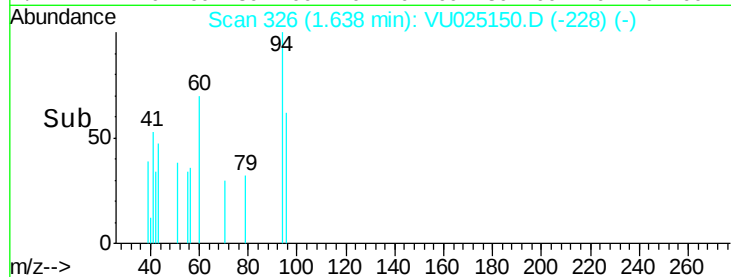
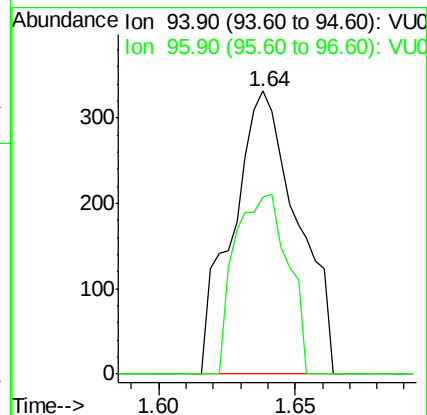
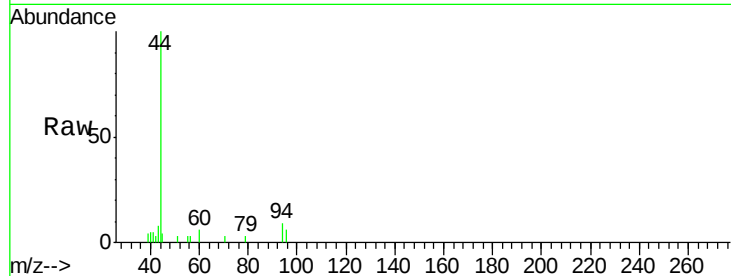
JC-SOIL

Tot Ion: 94 Resp: 547

Ion Ratio Lower Upper

94 100

96 62.3 74.5 111.7#



#6

Chloroethane

Concen: Below Cal

RT: 1.68 min Scan# 340

Delta R.T. -0.01 min

Lab File: VU025150.D

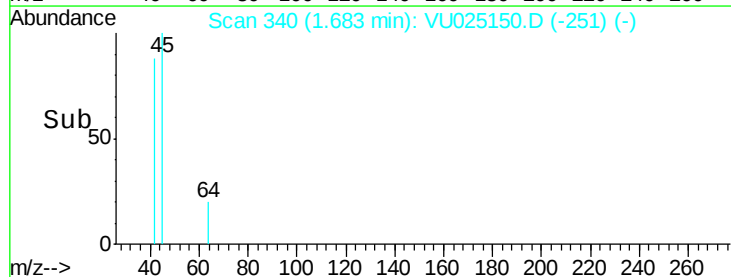
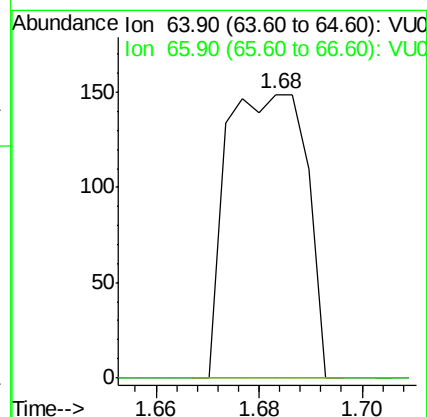
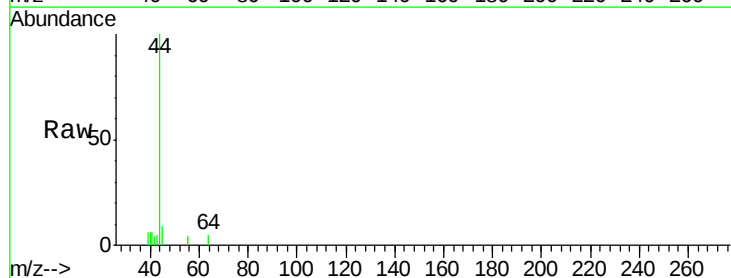
Acq: 02 Jul 2018 18:03

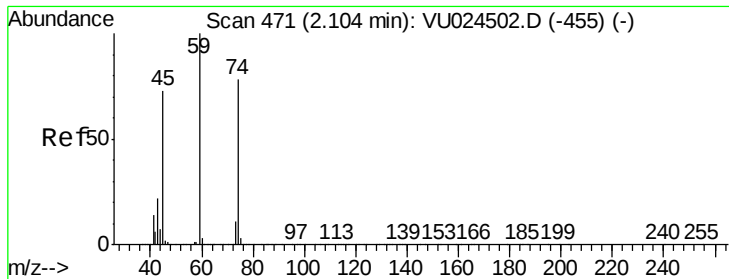
Tgt Ion: 64 Resp: 160

Ion Ratio Lower Upper

64 100

66 0.0 25.5 38.3#





#8

Diethyl Ether

Concen: Below Cal

RT: 2.11 min Scan# 472

Delta R.T. 0.00 min

Lab File: VU025150.D

Acq: 02 Jul 2018 18:03

Instrument :

MSVOA_U

ClientSampleId :

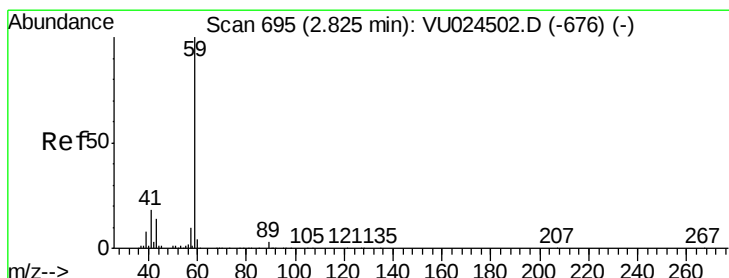
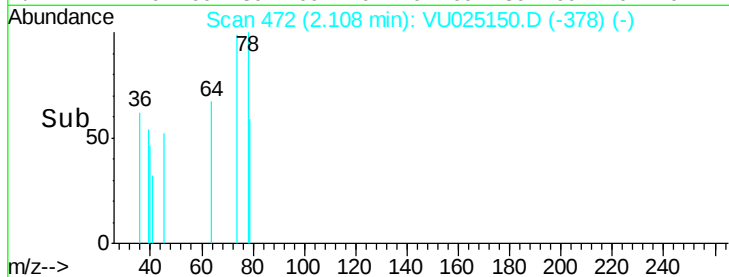
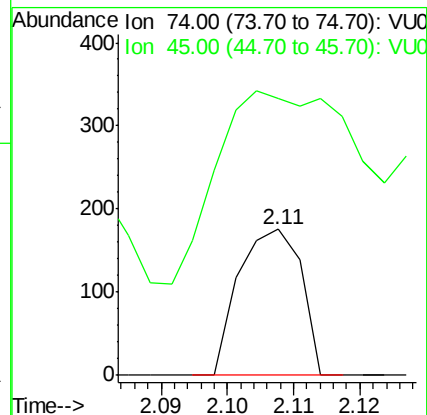
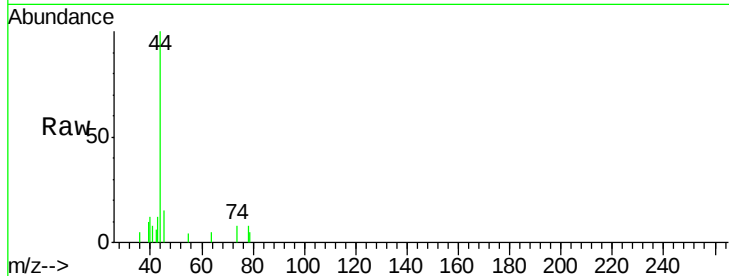
JC-SOIL

Tot Ion: 74 Resp: 114

Ion Ratio Lower Upper

74 100

45 299.1 55.0 165.0#



#11

Tert butyl alcohol

Concen: 1.837 ug/l

RT: 2.84 min Scan# 700

Delta R.T. 0.02 min

Lab File: VU025150.D

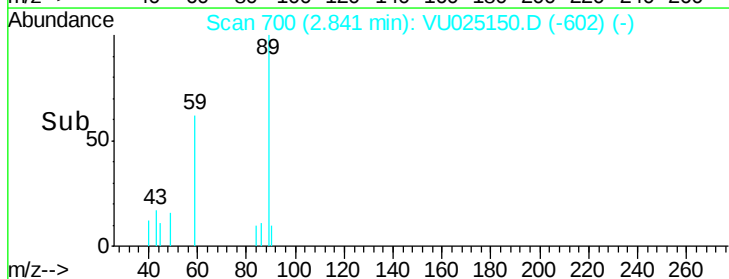
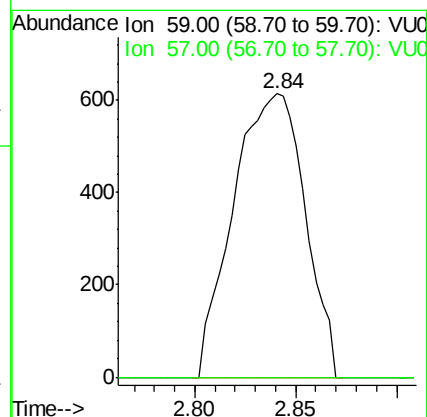
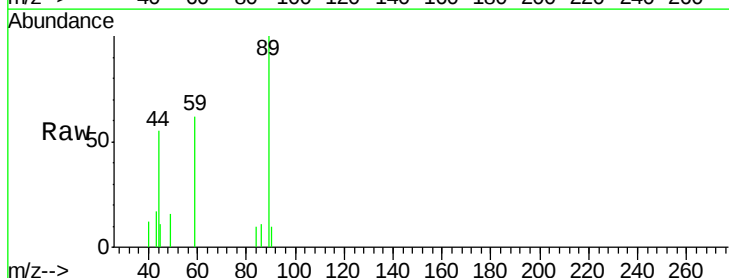
Acq: 02 Jul 2018 18:03

Tgt Ion: 59 Resp: 1519

Ion Ratio Lower Upper

59 100

57 0.0 8.5 12.7#





#13

Acrolein

Concen: 0.212 ug/l

RT: 2.19 min Scan# 497

Delta R.T. -0.01 min

Lab File: VU025150.D

Acq: 02 Jul 2018 18:03

Instrument :

MSVOA_U

ClientSampleId :

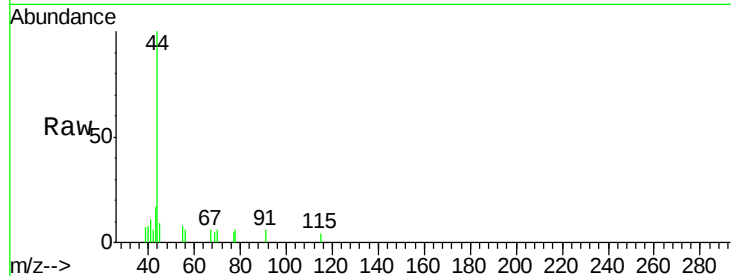
JC-SOIL

Tot Ion: 56 Resp: 92

Ion Ratio Lower Upper

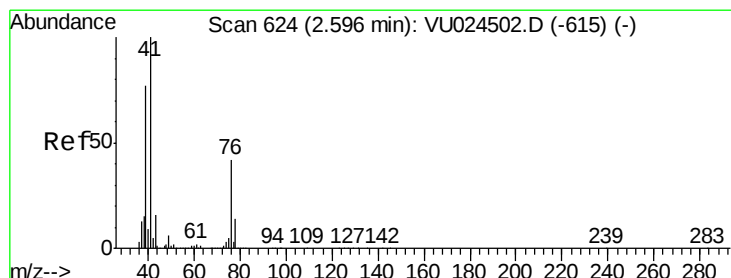
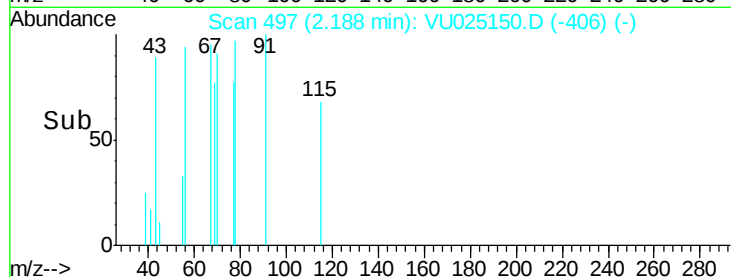
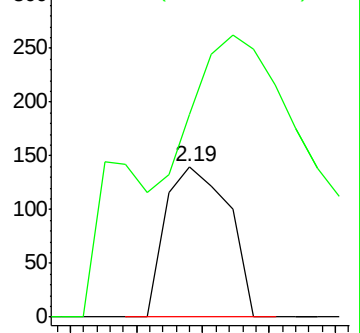
56 100

55 381.5 58.4 87.6#



Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 55.00 (54.70 to 55.70): VU0



#14

Allyl chloride

Concen: 3.588 ug/l

RT: 2.71 min Scan# 658

Delta R.T. 0.11 min

Lab File: VU025150.D

Acq: 02 Jul 2018 18:03

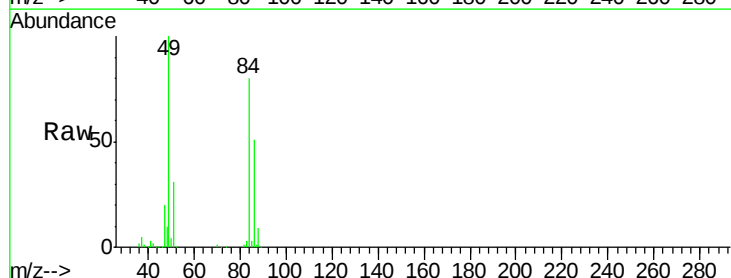
Tgt Ion: 41 Resp: 15800

Ion Ratio Lower Upper

41 100

39 1.0 61.6 92.4#

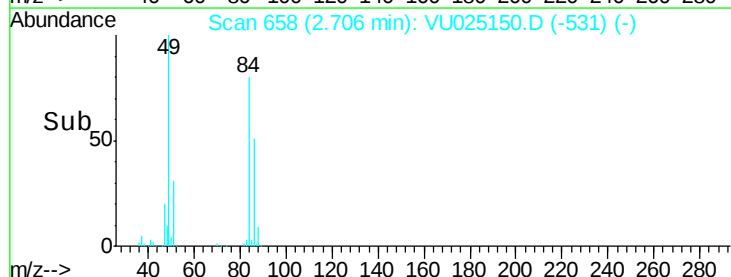
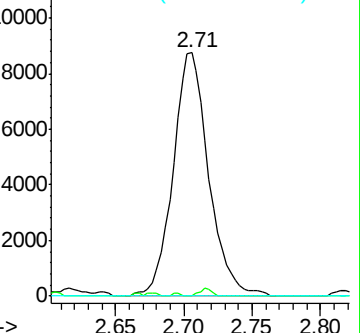
76 0.0 29.7 44.5#



Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

Ion 75.90 (75.60 to 76.60): VU0





#16

Acetone

Concen: 8.773 ug/l

RT: 2.32 min Scan# 539

Delta R.T. -0.00 min

Lab File: VU025150.D

Acq: 02 Jul 2018 18:03

Instrument :

MSVOA_U

ClientSampled :

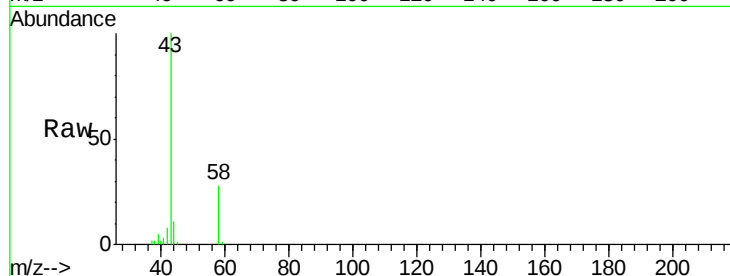
JC-SOIL

Tot Ion: 43 Resp: 16026

Ion Ratio Lower Upper

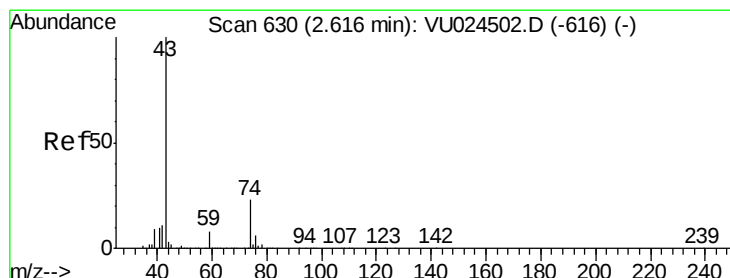
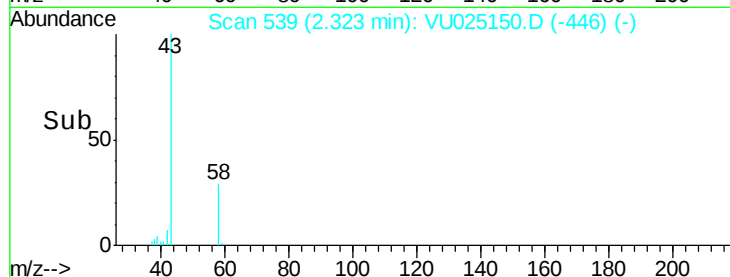
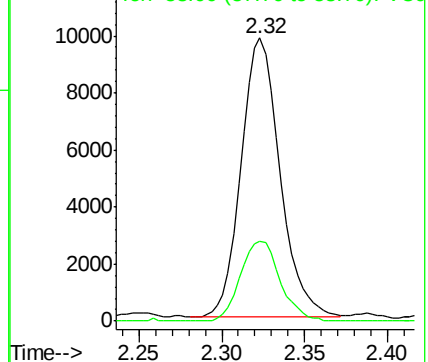
43 100

58 28.7 24.4 36.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#18

Methyl Acetate

Concen: 4.902 ug/l

RT: 2.62 min Scan# 631

Delta R.T. 0.00 min

Lab File: VU025150.D

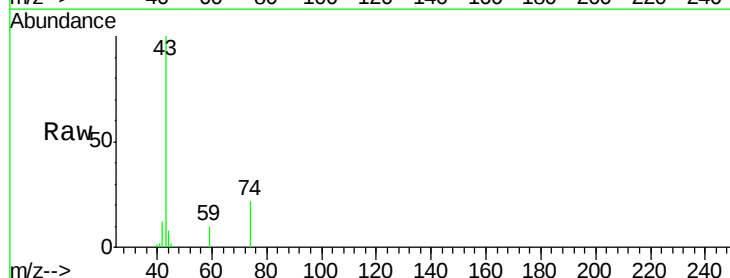
Acq: 02 Jul 2018 18:03

Tgt Ion: 43 Resp: 19199

Ion Ratio Lower Upper

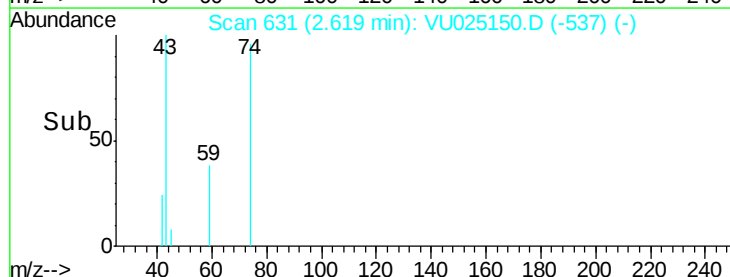
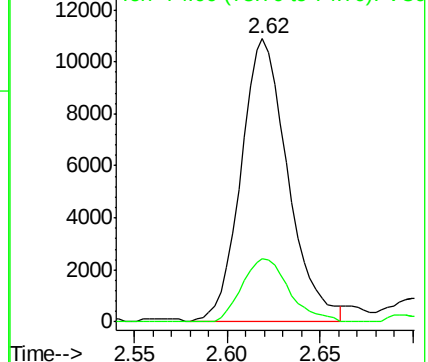
43 100

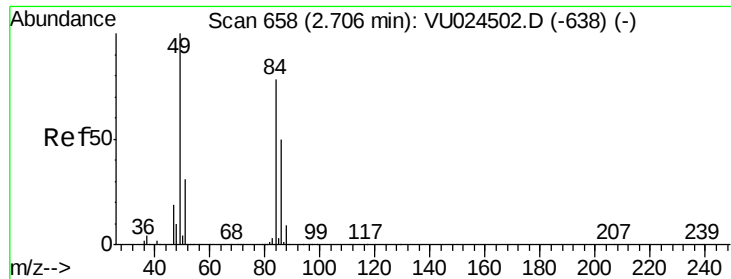
74 22.3 18.0 27.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0

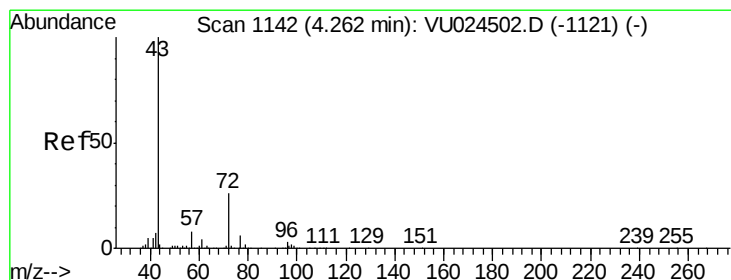
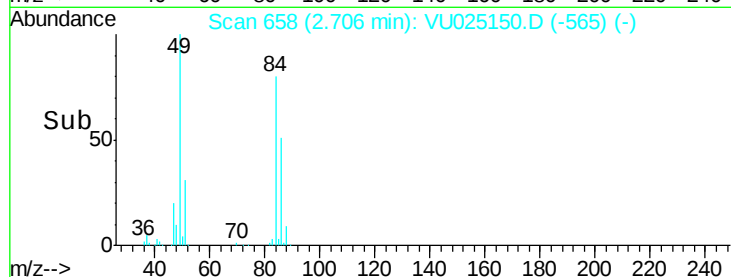
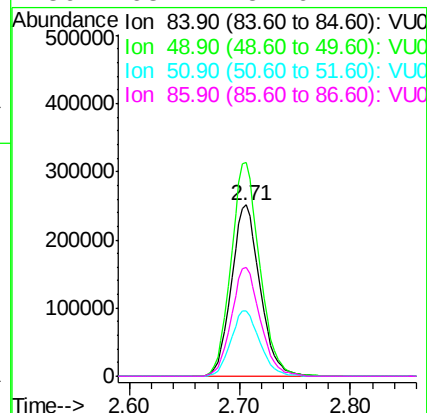
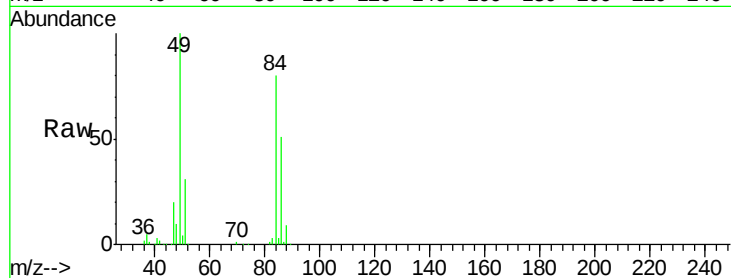




#20
Methvlene Chloride
Concen: 158.150 ug/l
RT: 2.71 min Scan# 658
Delta R.T. -0.00 min
Lab File: VU025150.D
Acq: 02 Jul 2018 18:03

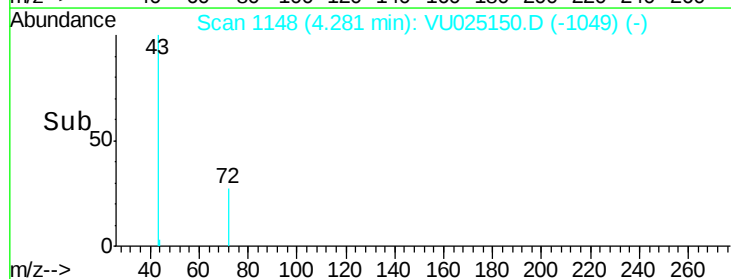
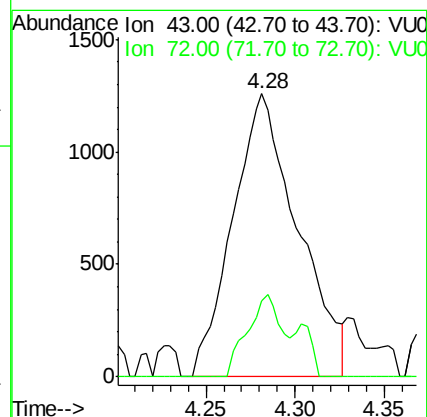
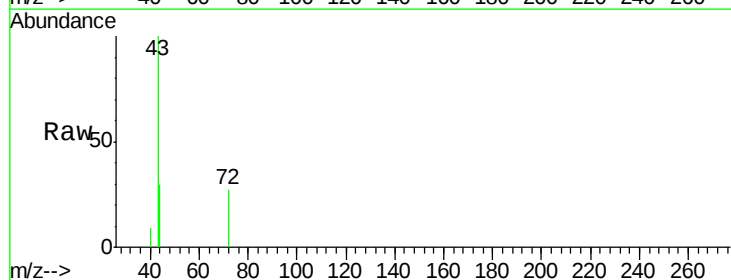
Instrument :
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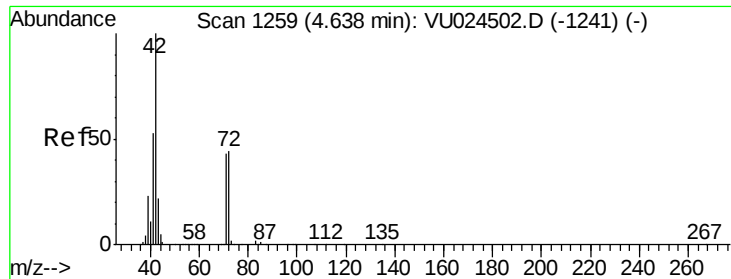
Tot Ion: 84 Resp: 453308
Ion Ratio Lower Upper
84 100
49 124.9 103.8 155.8
51 38.3 32.0 48.0
86 63.7 51.6 77.4



#25
2-Butanone
Concen: 1.303 ug/l
RT: 4.28 min Scan# 1148
Delta R.T. 0.02 min
Lab File: VU025150.D
Acq: 02 Jul 2018 18:03

Tgt Ion: 43 Resp: 3197
Ion Ratio Lower Upper
43 100
72 26.9 19.6 29.4

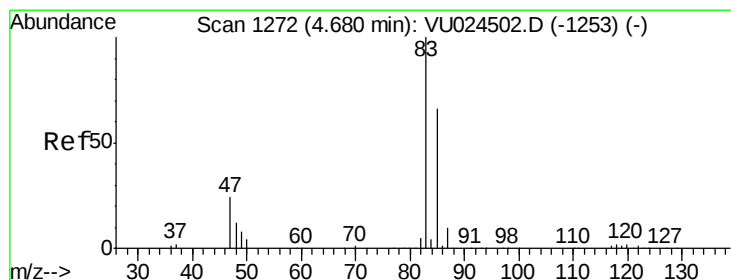
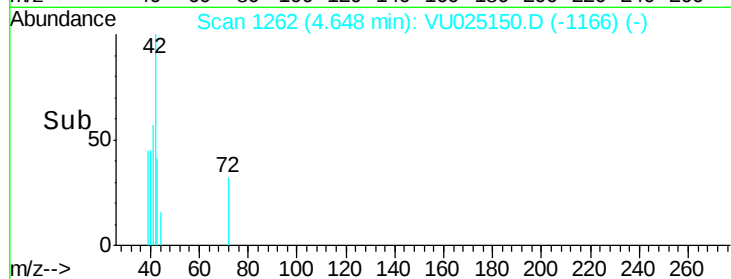
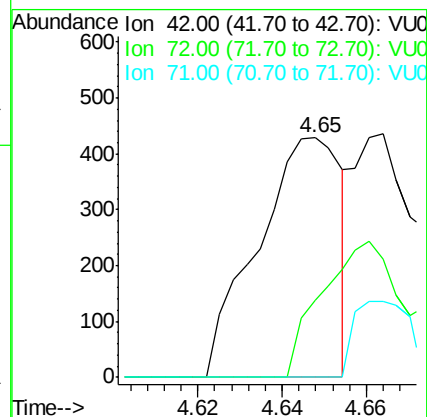
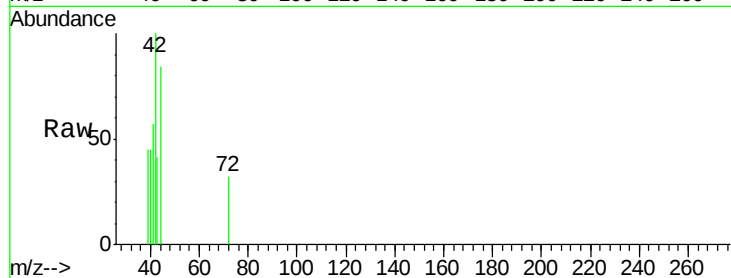




#29
Tetrahydrofuran
Concen: 0.386 ug/l
RT: 4.65 min Scan# 1262
Delta R.T. 0.01 min
Lab File: VU025150.D
Acq: 02 Jul 2018 18:03

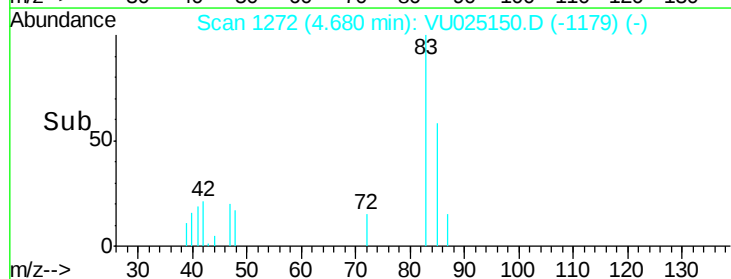
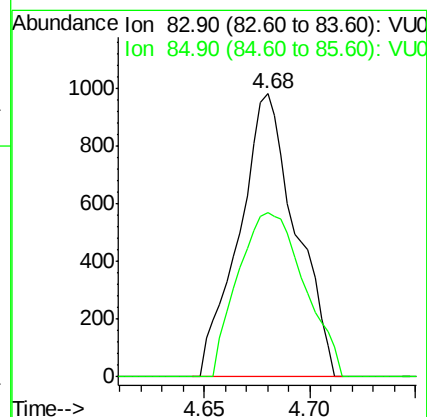
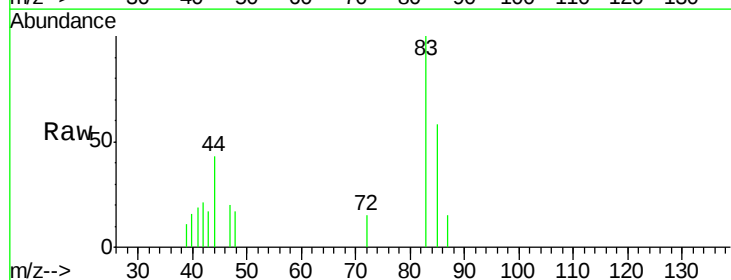
Instrument :
MSVOA_U
ClientSampled :
JC-SOIL

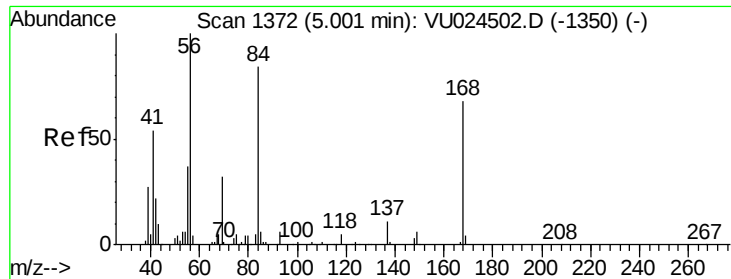
Tot Ion: 42 Resp: 587
Ion Ratio Lower Upper
42 100
72 50.8 34.5 51.7
71 20.6 32.2 48.4#



#30
Chloroform
Concen: 0.362 ug/l
RT: 4.68 min Scan# 1272
Delta R.T. -0.00 min
Lab File: VU025150.D
Acq: 02 Jul 2018 18:03

Tgt Ion: 83 Resp: 1840
Ion Ratio Lower Upper
83 100
85 57.8 52.4 78.6

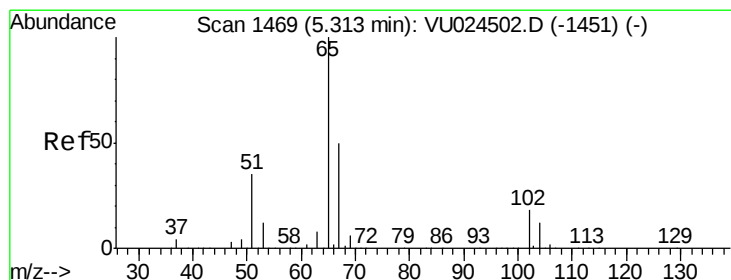
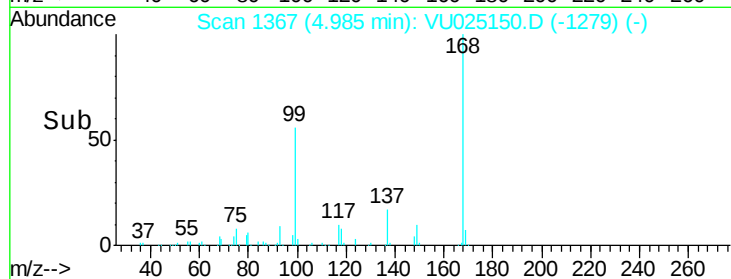
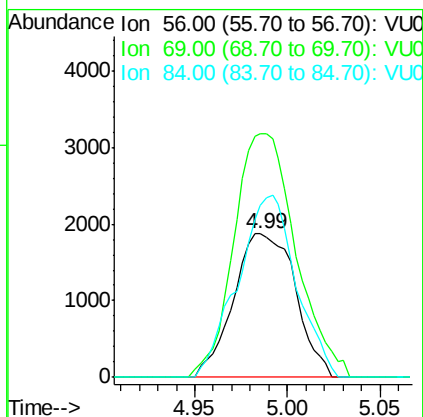
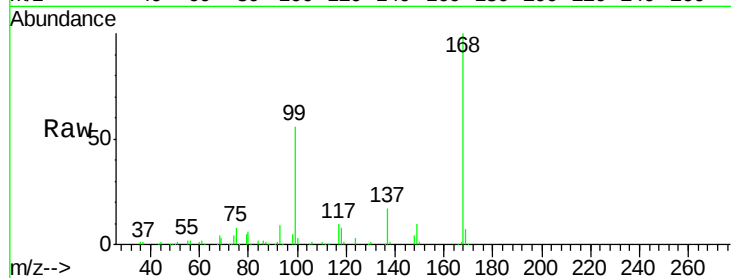




#31
Cyclohexane
Concen: Below Cal
RT: 4.99 min Scan# 1367
Delta R.T. -0.02 min
Lab File: VU025150.D
Acq: 02 Jul 2018 18:03

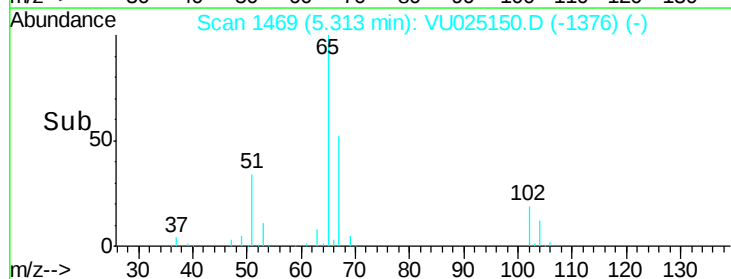
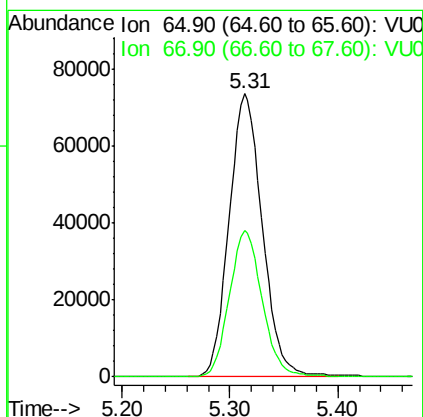
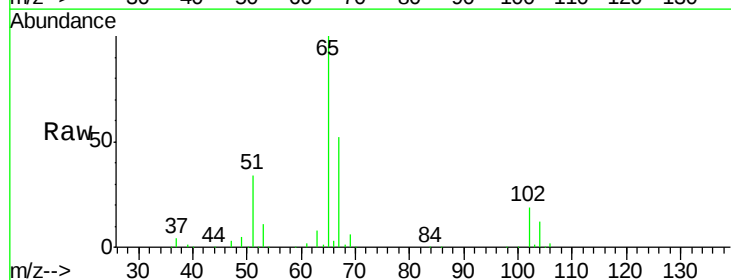
Instrument :
MSVOA_U
ClientSampleId :
JC-SOIL

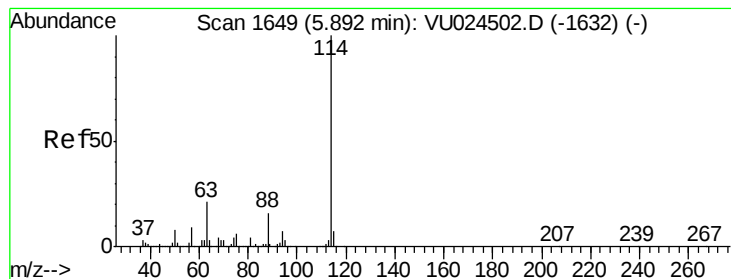
Tot Ion: 56 Resp: 4340
Ion Ratio Lower Upper
56 100
69 169.5 24.8 37.2#
84 119.3 65.2 97.8#



#33
1,2-Dichloroethane-d4
Concen: 46.564 ug/l
RT: 5.31 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VU025150.D
Acq: 02 Jul 2018 18:03

Tgt Ion: 65 Resp: 158312
Ion Ratio Lower Upper
65 100
67 50.7 0.0 107.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.89 min Scan# 1649

Delta R.T. -0.00 min

Lab File: VU025150.D

Acq: 02 Jul 2018 18:03

Instrument :

MSVOA_U

ClientSampleId :

JC-SOIL

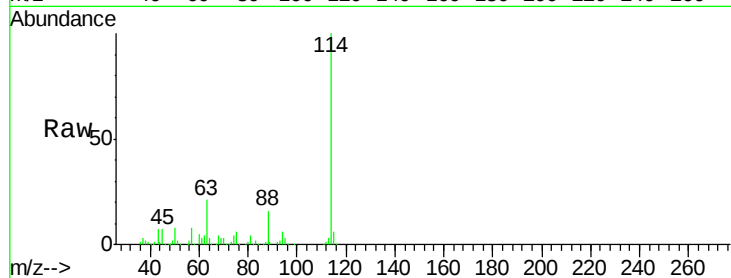
Tot Ion:114 Resp: 316919

Ion Ratio Lower Upper

114 100

63 20.7 0.0 45.4

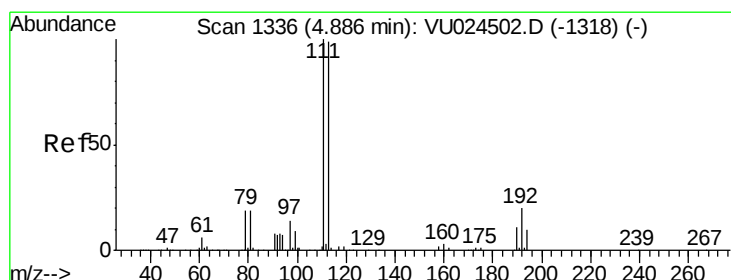
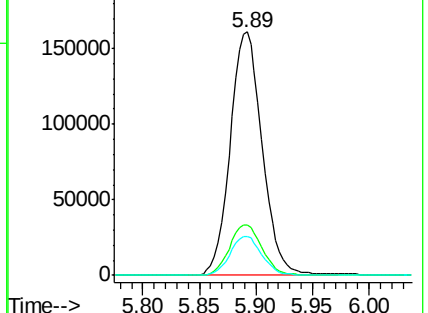
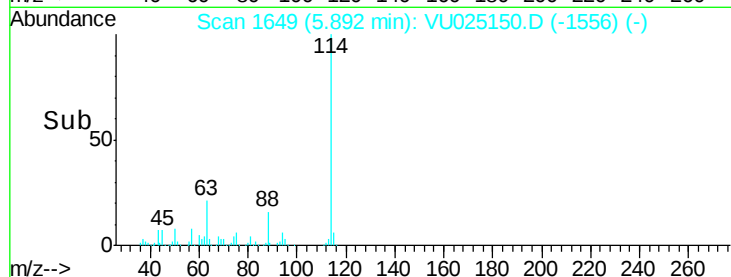
88 16.1 0.0 31.0



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: 47.023 ug/l

RT: 4.89 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VU025150.D

Acq: 02 Jul 2018 18:03

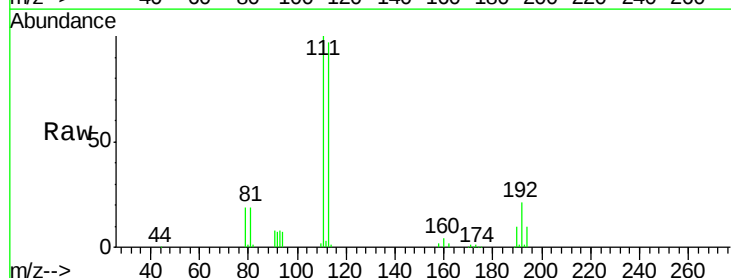
Tgt Ion:113 Resp: 123680

Ion Ratio Lower Upper

113 100

111 102.9 82.2 123.4

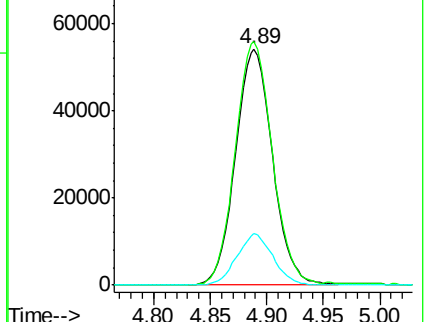
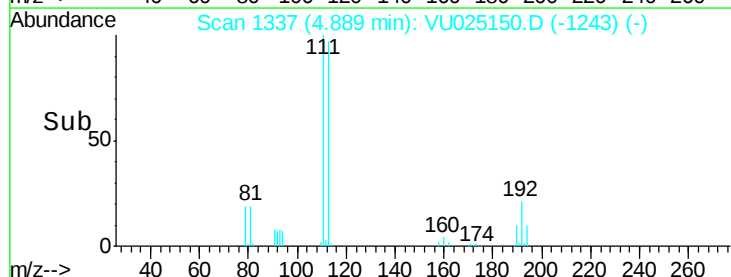
192 21.2 16.2 24.4

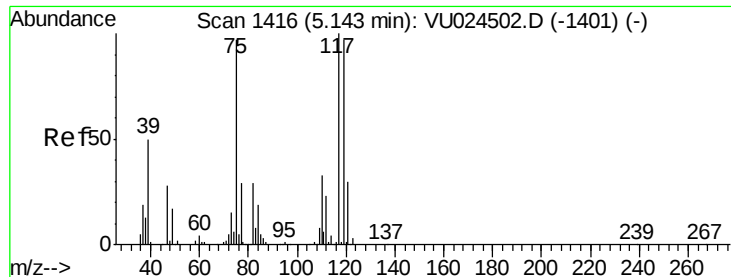


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.087 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. -0.15 min

Lab File: VU025150.D

Acq: 02 Jul 2018 18:03

Instrument :

MSVOA_U

ClientSampleId :

JC-SOIL

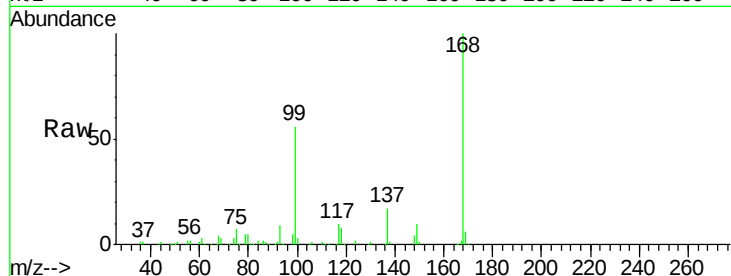
Tot Ion: 75 Resp: 15220

Ion Ratio Lower Upper

75 100

110 8.9 17.0 50.9#

77 0.0 24.2 36.4#

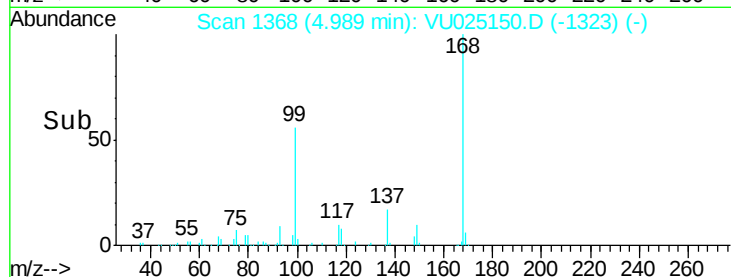


Abundance Ion 74.90 (74.60 to 75.60): VU025150.D (-1368) (-)

Ion 109.90 (109.60 to 110.60): VU025150.D (-1368) (-)

Ion 76.90 (76.60 to 77.60): VU025150.D (-1368) (-)

Time-->

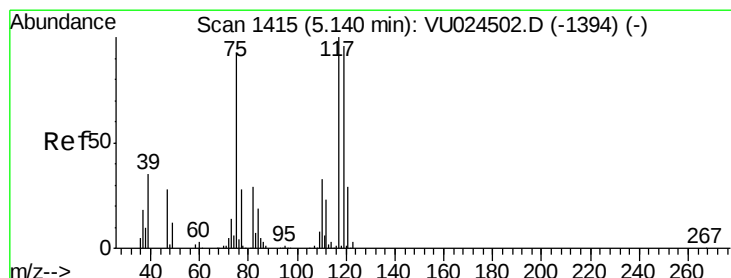


Abundance Ion 74.90 (74.60 to 75.60): VU025150.D (-1368) (-)

Ion 109.90 (109.60 to 110.60): VU025150.D (-1368) (-)

Ion 76.90 (76.60 to 77.60): VU025150.D (-1368) (-)

Time-->



#38

Carbon Tetrachloride

Concen: 5.105 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. -0.15 min

Lab File: VU025150.D

Acq: 02 Jul 2018 18:03

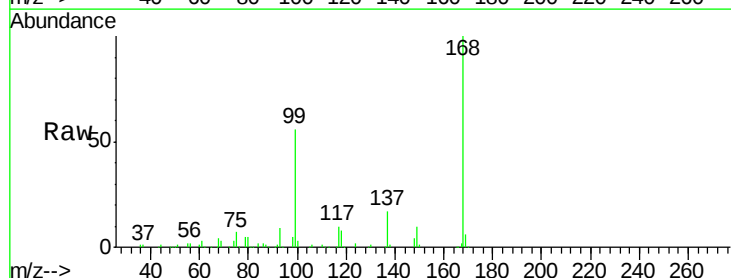
Tgt Ion: 117 Resp: 20908

Ion Ratio Lower Upper

117 100

119 4.8 76.1 114.1#

121 0.0 23.7 35.5#

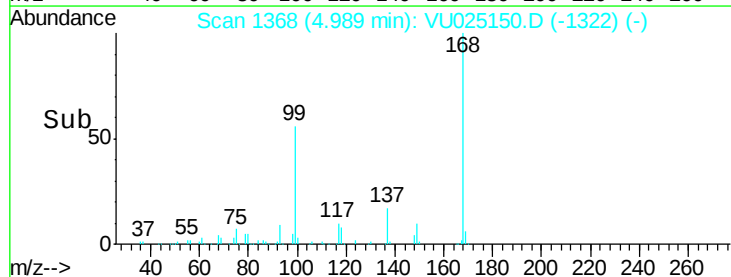


Abundance Ion 116.80 (116.50 to 117.50): VU025150.D (-1368) (-)

Ion 118.80 (118.50 to 119.50): VU025150.D (-1368) (-)

Ion 120.80 (120.50 to 121.50): VU025150.D (-1368) (-)

Time-->

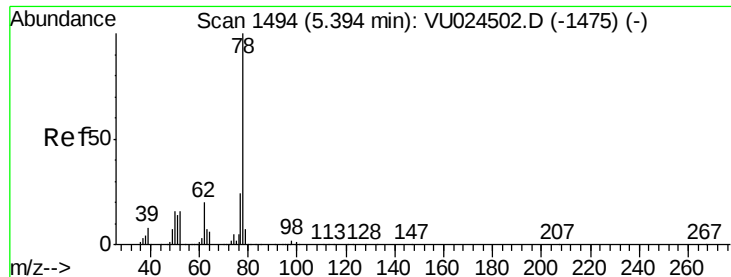


Abundance Ion 116.80 (116.50 to 117.50): VU025150.D (-1368) (-)

Ion 118.80 (118.50 to 119.50): VU025150.D (-1368) (-)

Ion 120.80 (120.50 to 121.50): VU025150.D (-1368) (-)

Time-->



#40

Benzene

Concen: 9.021 ug/l

RT: 5.40 min Scan# 1495

Delta R.T. 0.00 min

Lab File: VU025150.D

Acq: 02 Jul 2018 18:03

Instrument :

MSVOA_U

ClientSampleId :

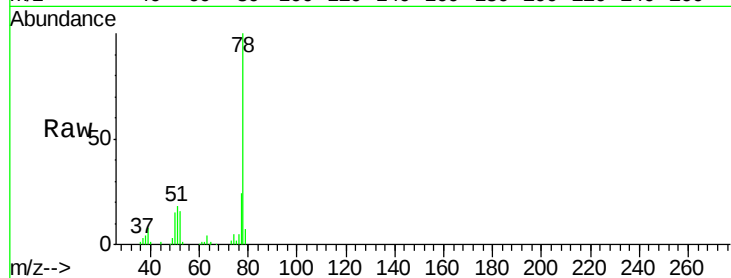
JC-SOIL

Tot Ion: 78 Resp: 95726

Ion Ratio Lower Upper

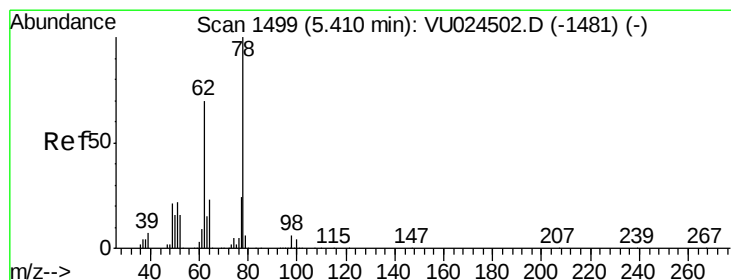
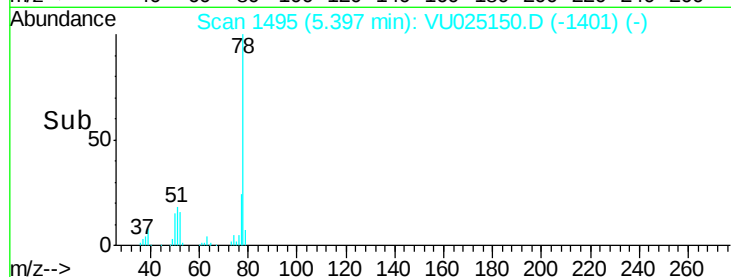
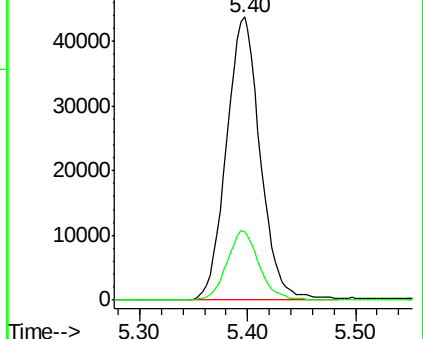
78 100

77 24.3 19.2 28.8



Abundance Ion 78.00 (77.70 to 78.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



#42

1,2-Dichloroethane

Concen: 0.222 ug/l

RT: 5.40 min Scan# 1495

Delta R.T. -0.01 min

Lab File: VU025150.D

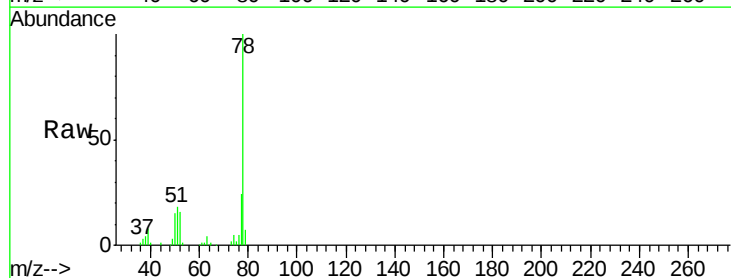
Acq: 02 Jul 2018 18:03

Tgt Ion: 62 Resp: 899

Ion Ratio Lower Upper

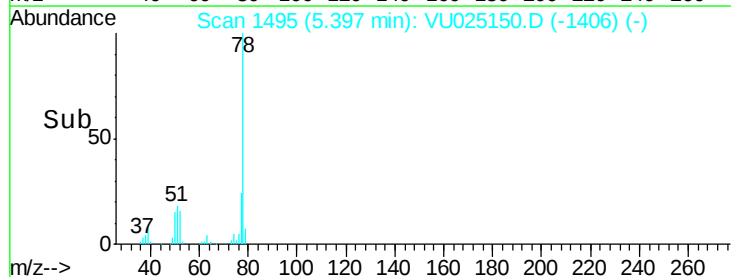
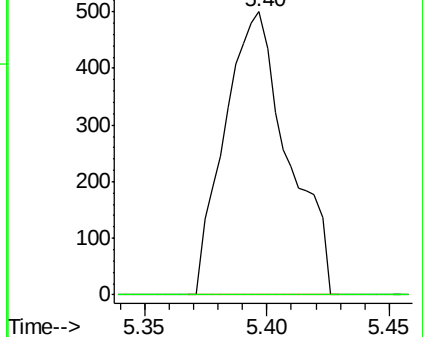
62 100

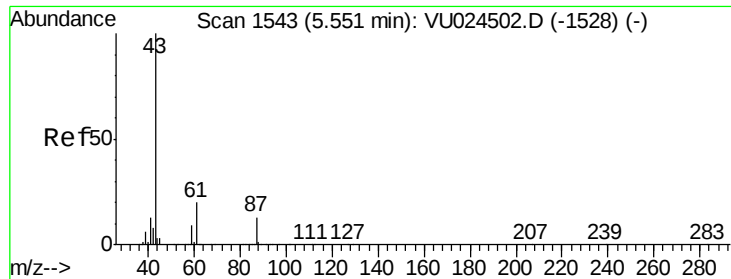
98 0.0 0.0 16.6



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 97.90 (97.60 to 98.60): VU0





#43

Isopropyl Acetate

Concen: 4.882 ug/l

RT: 5.79 min Scan# 1618

Delta R.T. 0.24 min

Lab File: VU025150.D

Acq: 02 Jul 2018 18:03

Instrument :

MSVOA_U

ClientSampleId :

JC-SOIL

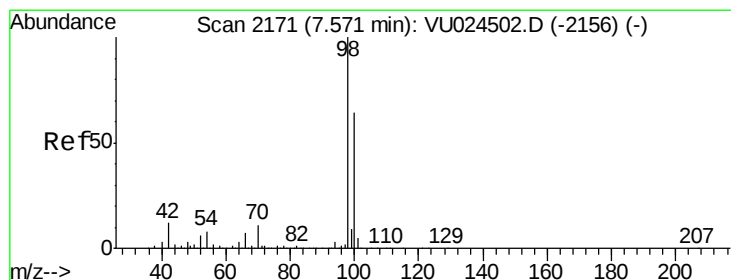
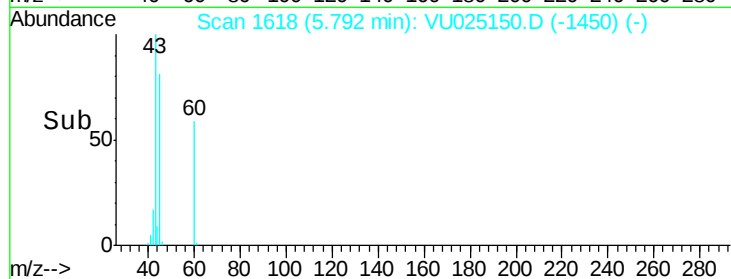
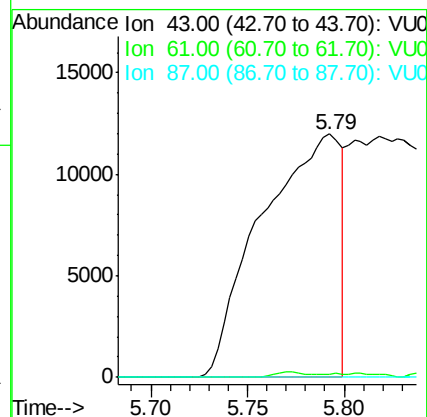
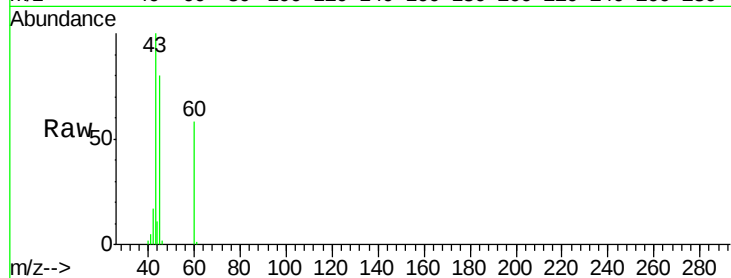
Tot Ion: 43 Resp: 34252

Ion Ratio Lower Upper

43 100

61 0.6 15.4 23.0#

87 0.0 10.0 15.0#



#50

Toluene-d8

Concen: 46.979 ug/l

RT: 7.57 min Scan# 2171

Delta R.T. -0.00 min

Lab File: VU025150.D

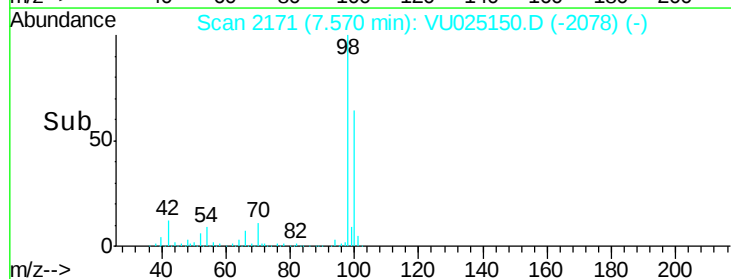
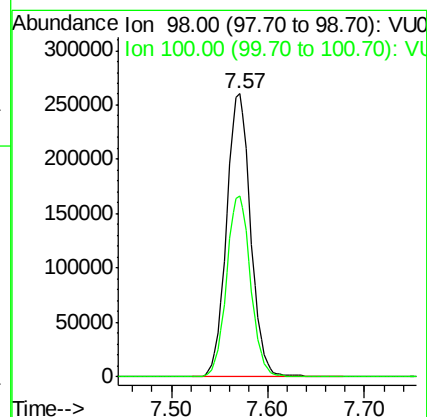
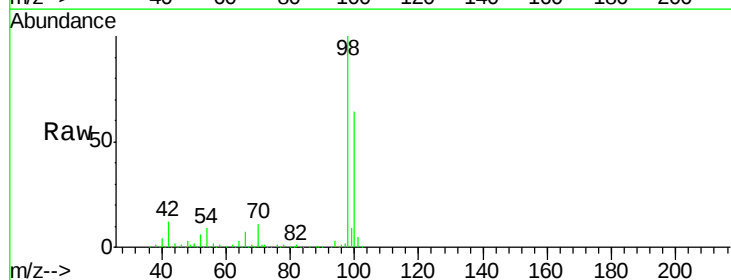
Acq: 02 Jul 2018 18:03

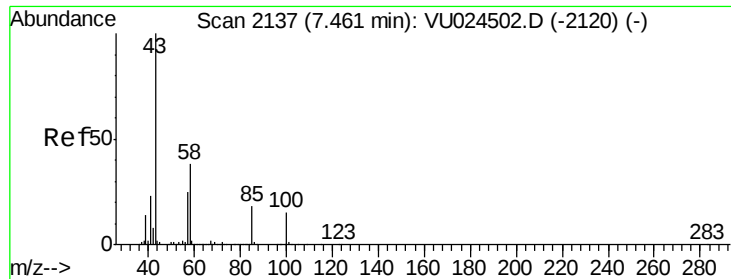
Tgt Ion: 98 Resp: 450706

Ion Ratio Lower Upper

98 100

100 63.7 51.1 76.7





#51

4-Methyl-2-Pentanone

Concen: 0.318 ug/l

RT: 7.46 min Scan# 2138

Delta R.T. 0.00 min

Lab File: VU025150.D

Acq: 02 Jul 2018 18:03

Instrument :

MSVOA_U

ClientSampleId :

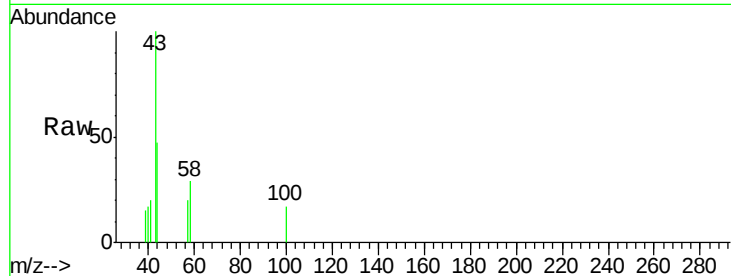
JC-SOIL

Tot Ion: 43 Resp: 1400

Ion Ratio Lower Upper

43 100

58 30.9 30.0 45.0



Abundance Ion 43.00 (42.70 to 43.70): VU025150.D (-2138) (-)

Ion 58.00 (57.70 to 58.70): VU025150.D (-2138) (-)

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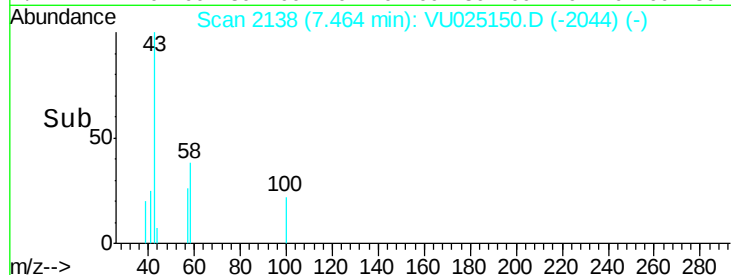
7.46

7.46

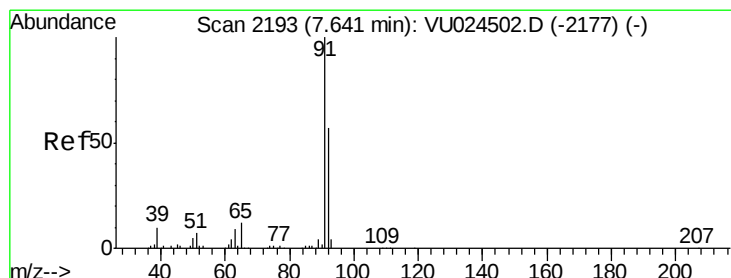
7.46

7.46

7.46



Time-->



#52

Toluene

Concen: 1.590 ug/l

RT: 7.64 min Scan# 2194

Delta R.T. 0.00 min

Lab File: VU025150.D

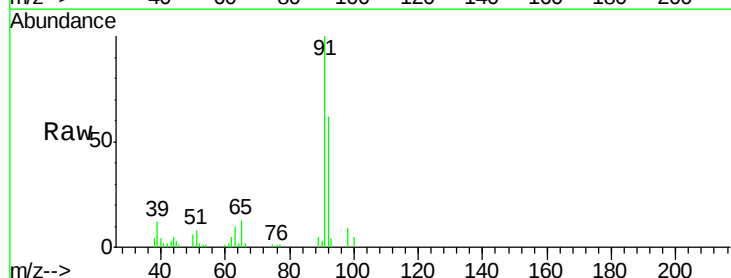
Acq: 02 Jul 2018 18:03

Tgt Ion: 92 Resp: 10855

Ion Ratio Lower Upper

92 100

91 173.6 140.5 210.7



Abundance Ion 92.00 (91.70 to 92.70): VU025150.D (-2194) (-)

Ion 91.00 (90.70 to 91.70): VU025150.D (-2194) (-)

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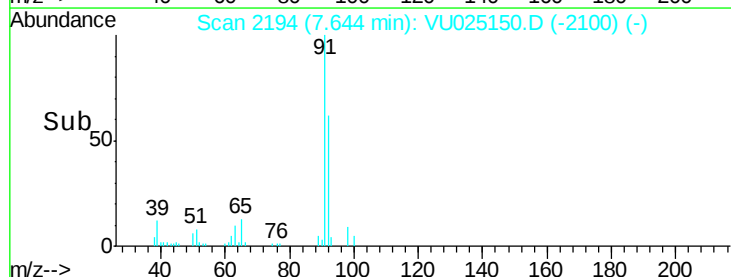
7.64

7.64

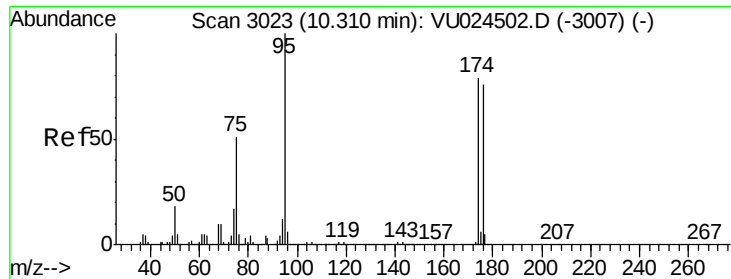
7.64

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7.64



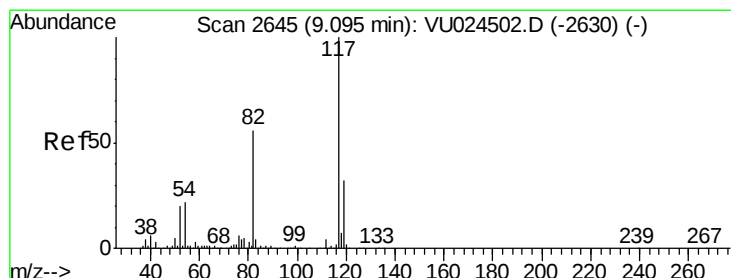
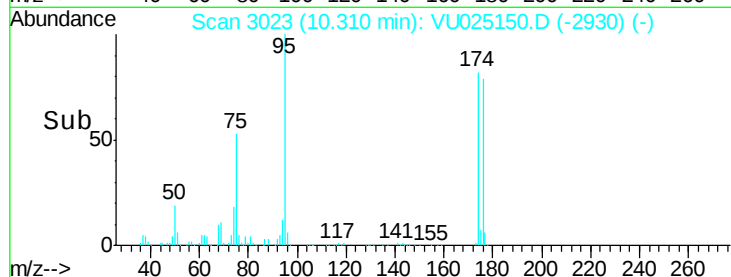
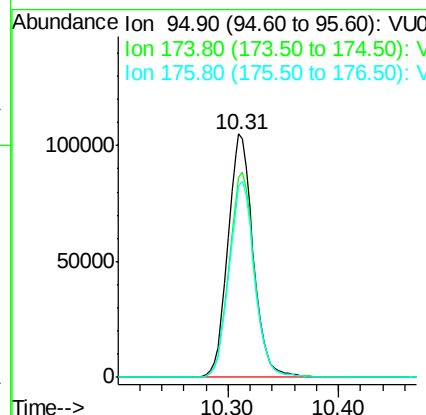
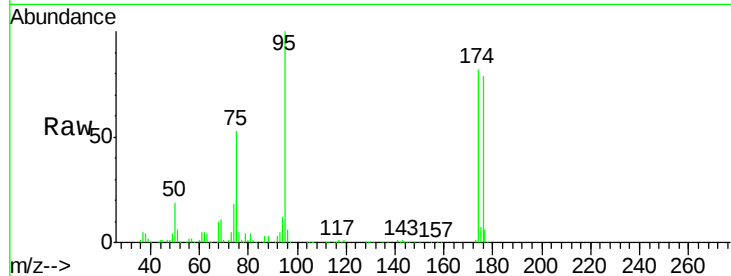
Time-->



#62
4-Bromofluorobenzene
Concen: 43.723 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. -0.00 min
Lab File: VU025150.D
Acq: 02 Jul 2018 18:03

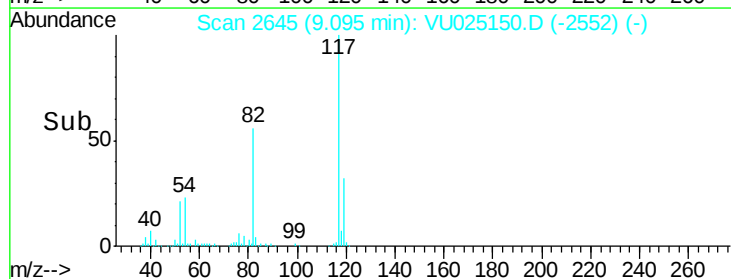
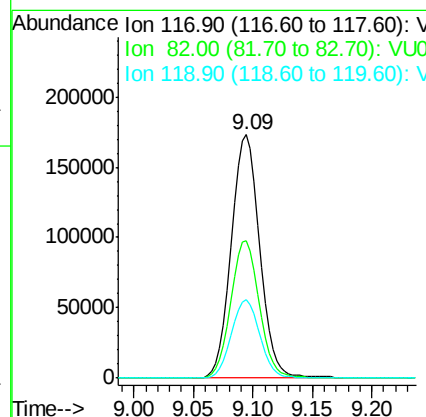
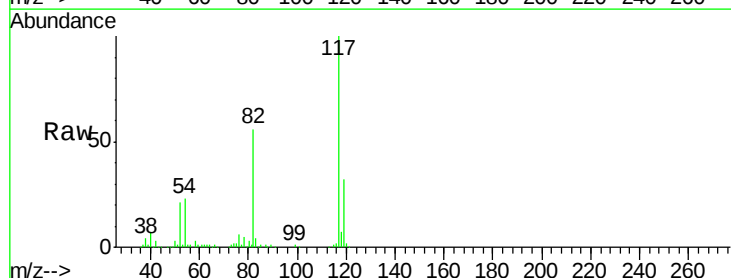
Instrument :
MSVOA_U
ClientSampled :
JC-SOIL

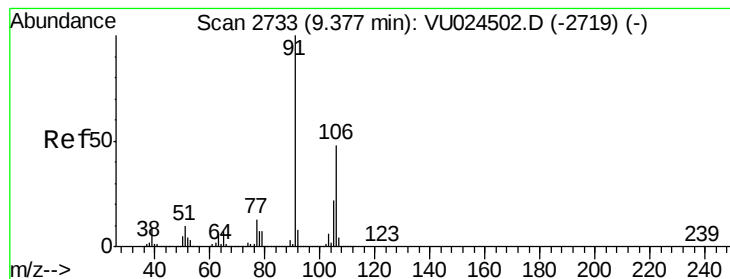
Tot Ion: 95 Resp: 166547
Ion Ratio Lower Upper
95 100
174 85.0 0.0 165.8
176 81.2 0.0 159.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. -0.00 min
Lab File: VU025150.D
Acq: 02 Jul 2018 18:03

Tgt Ion: 117 Resp: 287976
Ion Ratio Lower Upper
117 100
82 56.3 44.3 66.5
119 32.1 25.4 38.2





#68

m/p-Xylenes

Concen: 0.434 ug/l

RT: 9.38 min Scan# 2735

Delta R.T. 0.01 min

Lab File: VU025150.D

Acq: 02 Jul 2018 18:03

Instrument :

MSVOA_U

ClientSampleId :

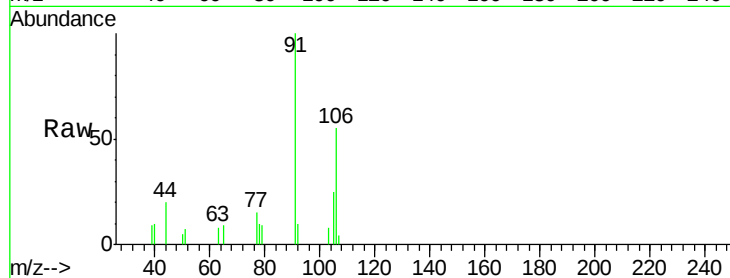
JC-SOIL

Tot Ion:106 Resp: 2148

Ion Ratio Lower Upper

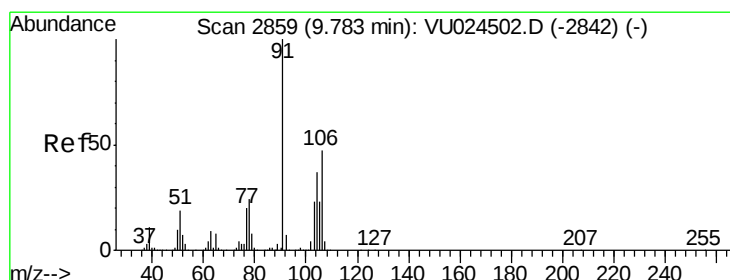
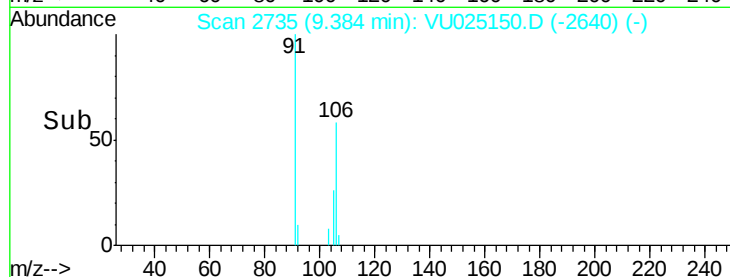
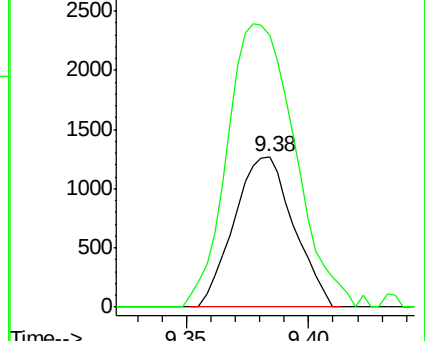
106 100

91 215.5 166.5 249.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#69

o-Xylene

Concen: 0.246 ug/l

RT: 9.79 min Scan# 2862

Delta R.T. 0.01 min

Lab File: VU025150.D

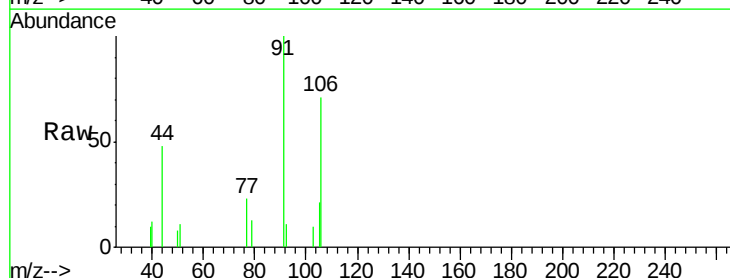
Acq: 02 Jul 2018 18:03

Tgt Ion:106 Resp: 1207

Ion Ratio Lower Upper

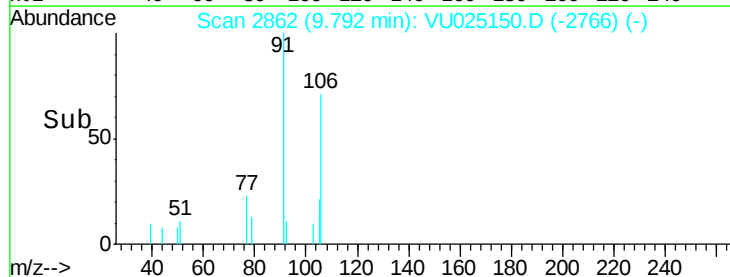
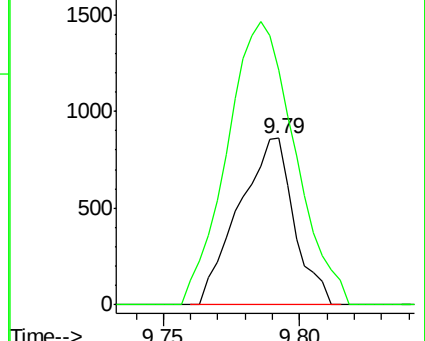
106 100

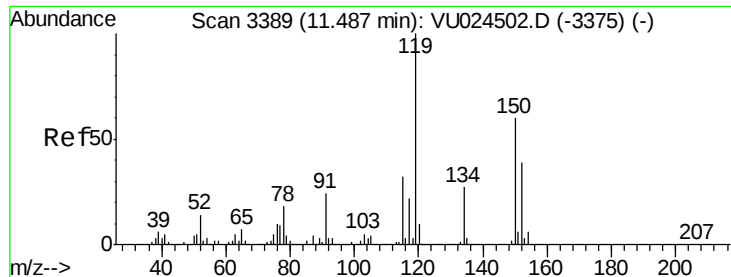
91 209.3 110.7 331.9



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: 50.000 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VU025150.D

Acq: 02 Jul 2018 18:03

Instrument :

MSVOA_U

ClientSampled :

JC-SOIL

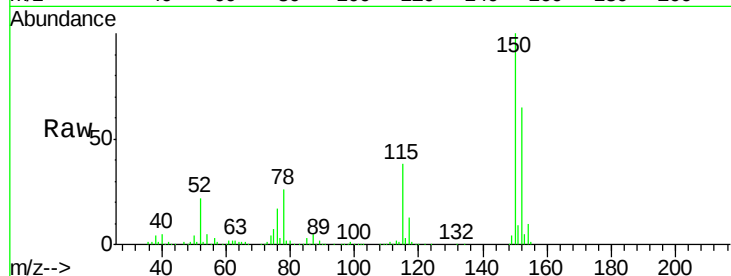
Tot Ion:152 Resp: 151841

Ion Ratio Lower Upper

152 100

115 59.6 43.0 129.0

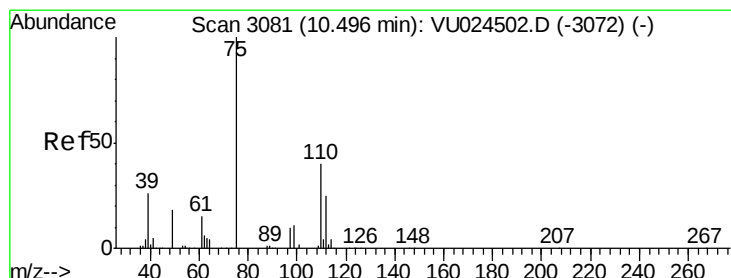
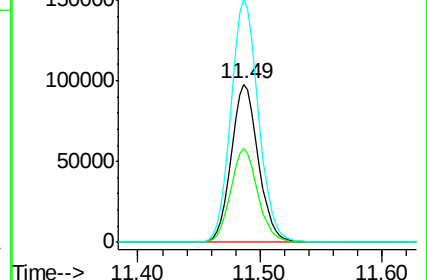
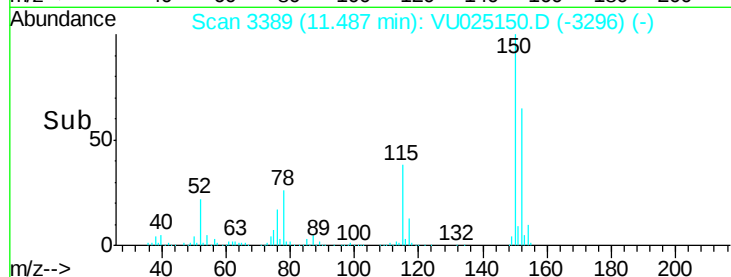
150 156.7 0.0 354.0



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



#76

1,2,3-Trichloropropane

Concen: 26.215 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.19 min

Lab File: VU025150.D

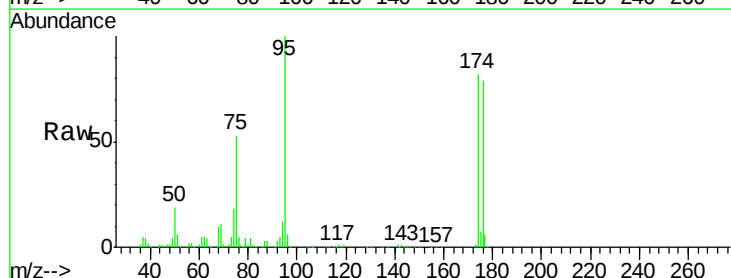
Acq: 02 Jul 2018 18:03

Tgt Ion: 75 Resp: 87635

Ion Ratio Lower Upper

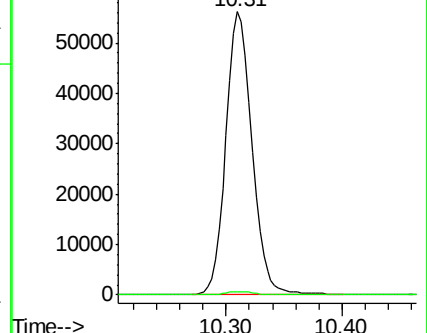
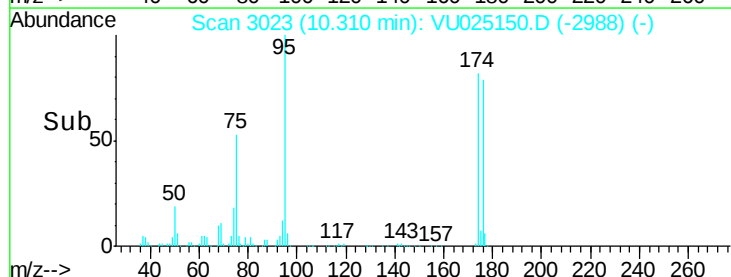
75 100

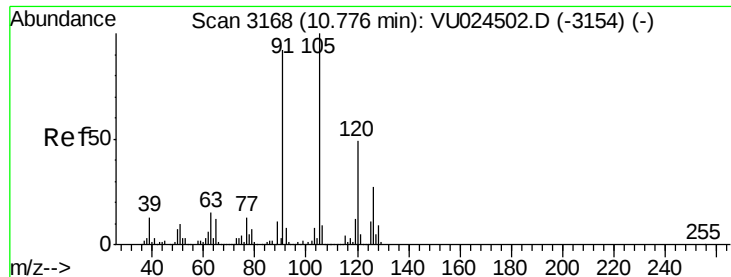
77 1.0 20.9 62.7#



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0

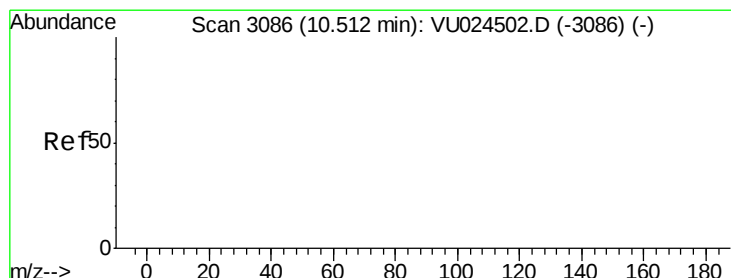
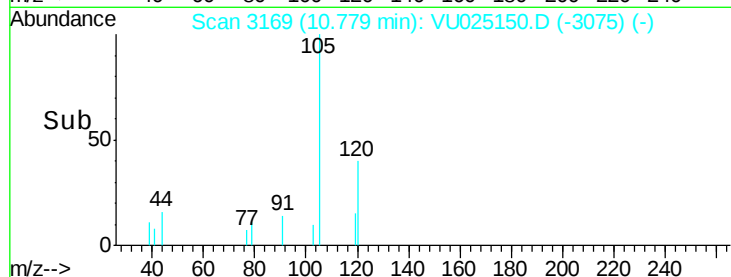
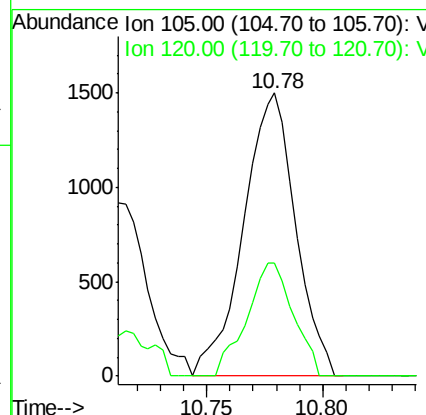
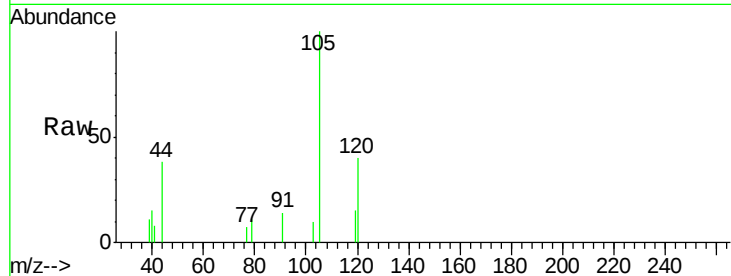




#80
 1,3,5-Trimethylbenzene
 Concen: 0.231 ug/l
 RT: 10.78 min Scan# 3169
 Delta R.T. 0.00 min
 Lab File: VU025150.D
 Acq: 02 Jul 2018 18:03

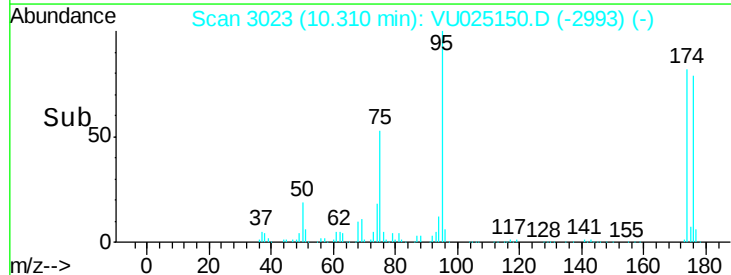
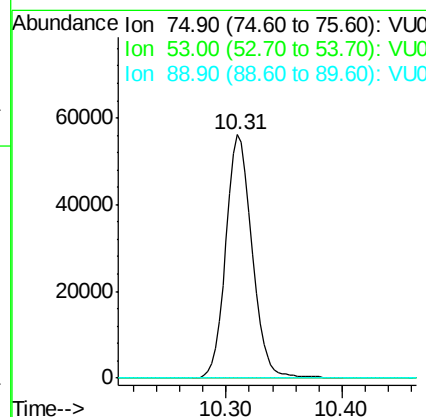
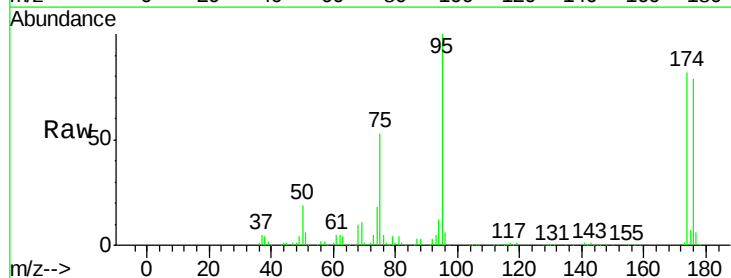
Instrument :
 MSVOA_U
 ClientSampleId :
 JC-SOIL

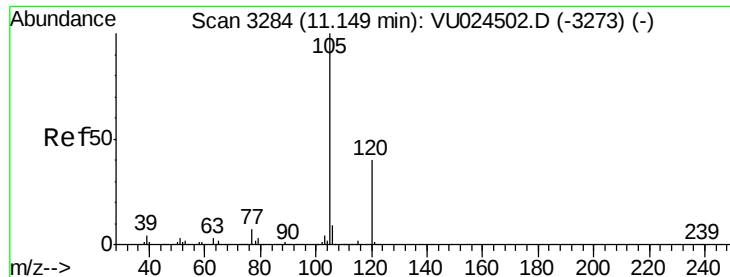
Tot Ion:105 Resp: 2334
 Ion Ratio Lower Upper
 105 100
 120 35.8 24.1 72.2



#81
 trans-1,4-Dichloro-2-butene
 Concen: 60.671 ug/l
 RT: 10.31 min Scan# 3023
 Delta R.T. -0.20 min
 Lab File: VU025150.D
 Acq: 02 Jul 2018 18:03

Tgt Ion: 75 Resp: 87635
 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: 0.797 ug/l

RT: 11.15 min Scan# 3285

Delta R.T. 0.00 min

Lab File: VU025150.D

Acq: 02 Jul 2018 18:03

Instrument :

MSVOA_U

ClientSampleId :

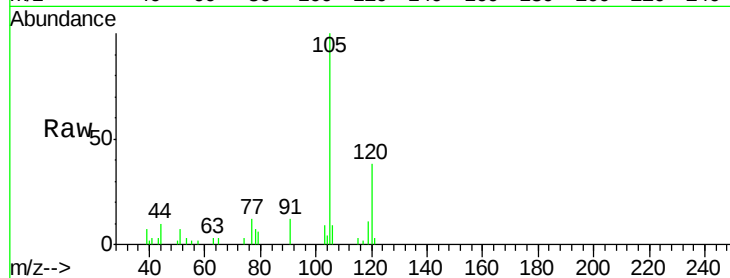
JC-SOIL

Tot Ion:105 Resp: 8212

Ion Ratio Lower Upper

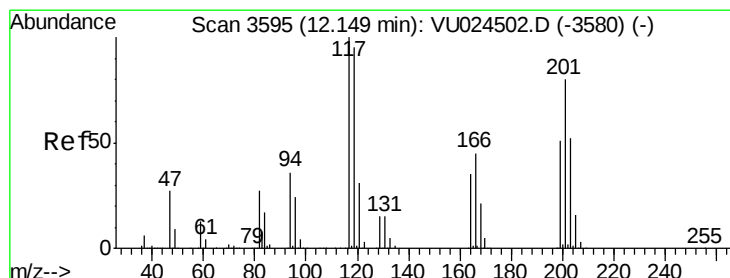
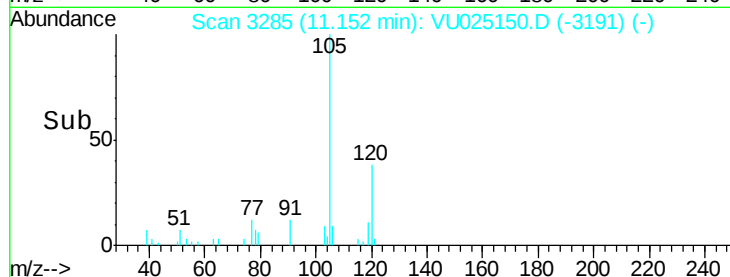
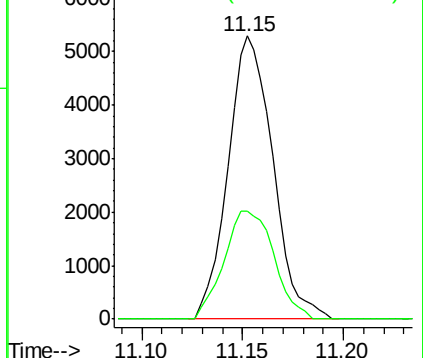
105 100

120 42.5 22.6 67.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#90

Hexachloroethane

Concen: 0.399 ug/l

RT: 12.26 min Scan# 3628

Delta R.T. 0.11 min

Lab File: VU025150.D

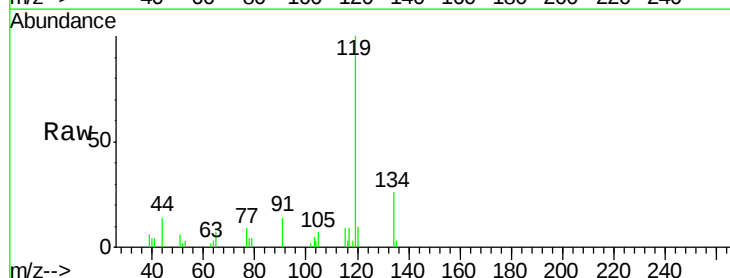
Acq: 02 Jul 2018 18:03

Tgt Ion:117 Resp: 848

Ion Ratio Lower Upper

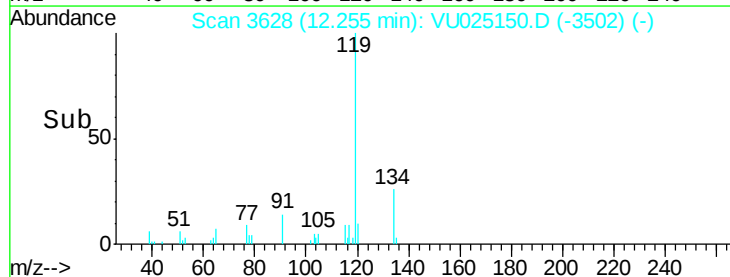
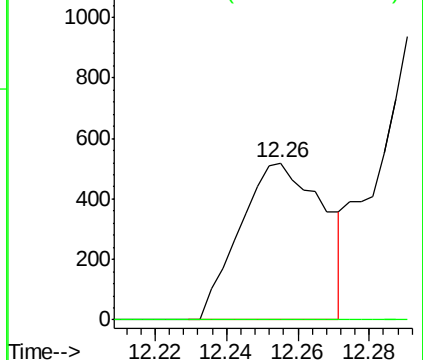
117 100

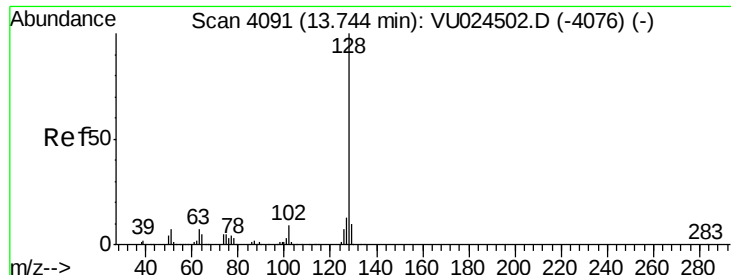
201 0.0 41.1 123.3#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#95
 Naphthalene
 Concen: 11.644 ug/l
 RT: 13.75 min Scan# 4092
 Delta R.T. 0.00 min
 Lab File: VU025150.D
 Acq: 02 Jul 2018 18:03

Instrument :
 MSVOA_U
 ClientSampleId :
 JC-SOIL

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.6	16.0
129	11.3	8.6	12.8

