

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL062918\
 Data File : VL032167.D
 Acq On : 30 Jun 2018 12:32
 Operator : SY/AP
 Sample : J3601-06
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 RESIDENT-B-CRAWL-SPACE

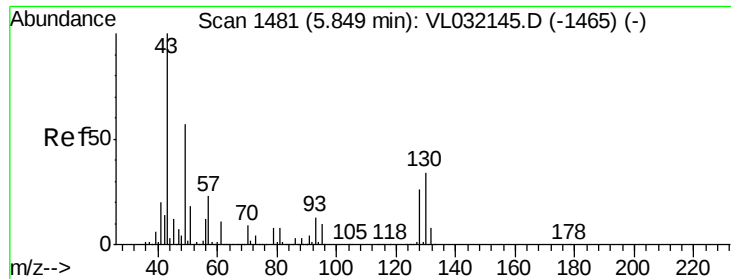
Quant Time: Jul 02 00:50:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL062918AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jun 29 22:27:58 2018
 QLast Update : Fri Jun 29 22:27:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.84	49	1498930	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.38	114	3563056	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.34	117	3311635	10.00	ppbv	-0.02

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1-Bromo-4-Fluorobenzene	14.67	95	2453981	9.69	ppbv	-0.02	
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.90%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	3.13	85	60327	0.306	ppbv #	82
3) Chlorodifluoromethane	3.07	51	129408	0.707	ppbv #	85
4) Chloromethane	3.23	50	176237	1.802	ppbv	94
7) Chloroethane	3.66	64	1238	0.035	ppbv #	68
9) Propene	3.30	41	3119248	36.542	ppbv	93
10) Heptane	8.33	43	25462	0.102	ppbv #	28
11) Trichlorofluoromethane	4.07	101	61203	0.287	ppbv	92
12) 1,1,2-Trichlorotrifluoroet	4.62	101	6069	0.043	ppbv #	28
13) Ethanol	3.73	45	653593	25.258	ppbv	100
15) Acetone	3.97	43	1838738	10.491	ppbv	97
16) 1,3-Butadiene	3.40	39	15515	0.186	ppbv #	17
19) Isopropyl Alcohol	4.12	45	191645	1.316	ppbv #	1
20) Methylene Chloride	4.48	84	201374	3.144	ppbv	95
21) Allyl Chloride	4.48	41	6205	0.052	ppbv #	21
23) Vinyl Acetate	5.24	43	120891	0.380	ppbv #	83
25) Ethyl Acetate	5.86	43	304400	0.839	ppbv #	90
26) Hexane	5.86	57	306776	1.837	ppbv #	55
27) Carbon Disulfide	4.70	76	7581	0.046	ppbv #	1
29) Chloroform	5.93	83	98679	0.406	ppbv	98
30) Cyclohexane	7.34	84	16061	0.102	ppbv #	1
34) 2-Butanone	5.41	43	200494	0.887	ppbv	98
35) Carbon Tetrachloride	7.22	117	20993	0.086	ppbv	86
36) Benzene	7.09	78	40941	0.119	ppbv #	86
37) 1,2-Dichloroethane	6.50	62	14442	0.084	ppbv #	70
39) 1,2-Dichloropropane	7.38	63	932670	6.857	ppbv #	27
41) Tetrahydrofuran	6.25	42	4513	0.033	ppbv #	10
44) 2,2,4-Trimethylpentane	8.09	57	39858	0.066	ppbv #	6
50) 4-Methyl-2-Pentanone	8.98	43	67162	0.181	ppbv #	86
53) Toluene	10.04	91	1086428	2.606	ppbv	99
58) Ethyl Benzene	13.26	91	46567	0.087	ppbv	89
59) m/p-Xylene	13.26	91	46567	0.109	ppbv #	29
60) o-Xylene	13.94	91	155238	0.364	ppbv	97
69) p-Isopropyltoluene	17.91	119	49064	0.072	ppbv #	73
72) 4-Ethyltoluene	16.10	105	23268	0.042	ppbv #	44
73) 1,3,5-Trimethylbenzene	16.26	105	31536	0.061	ppbv	86
74) 1,2,4-Trimethylbenzene	17.02	105	86830	0.166	ppbv #	76
80) Naphthalene,2-methyl-	25.19	142	13835	0.080	ppbv #	93

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.84 min Scan# 1479

Delta R.T. -0.02 min

Lab File: VL032167.D

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RESIDENT-B-CRAWL-SPACE

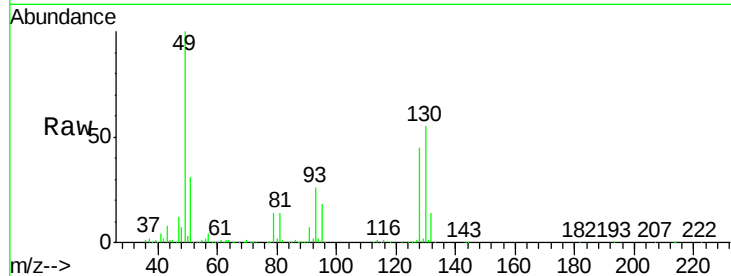
Tgt Ion: 49 Resp: 1498930

Ion Ratio Lower Upper

49 100

128 45.4 23.4 70.0

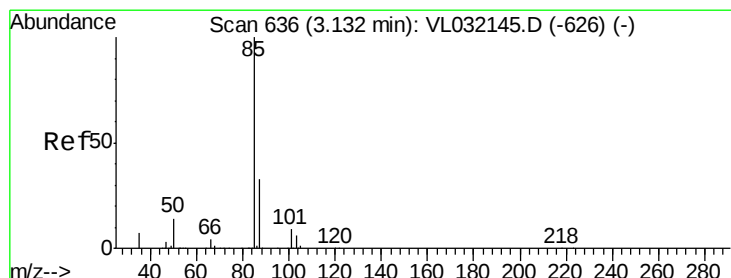
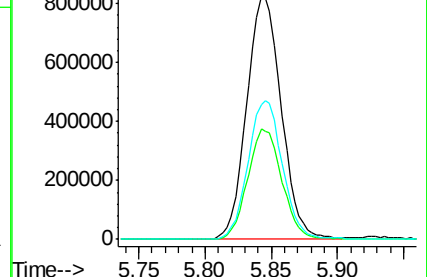
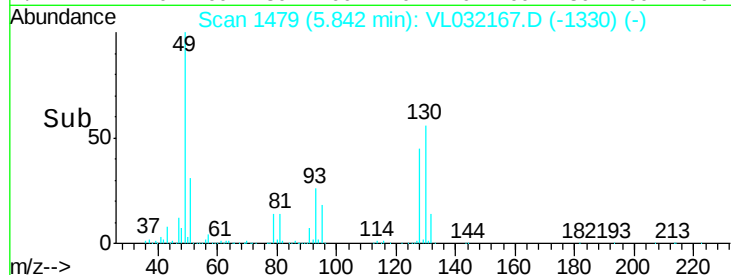
130 57.0 30.3 90.9



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#2

Dichlorodifluoromethane

Concen: 0.306 ppbv

RT: 3.13 min Scan# 637

Delta R.T. -0.01 min

Lab File: VL032167.D

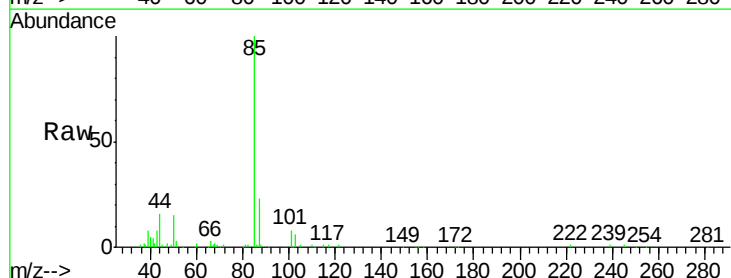
Acq: 30 Jun 2018 12:32

Tgt Ion: 85 Resp: 60327

Ion Ratio Lower Upper

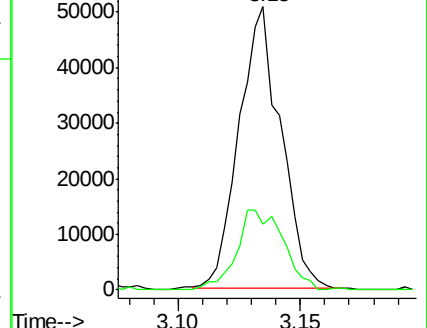
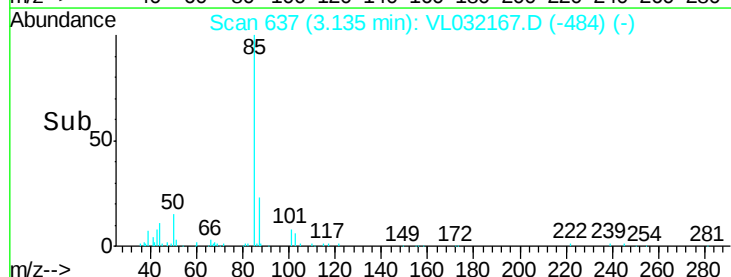
85 100

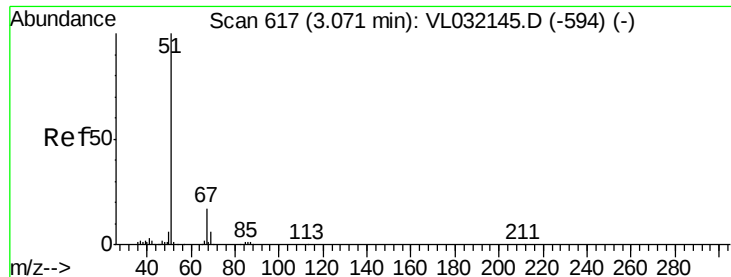
87 23.2 26.7 40.1#



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 0.707 ppbv

RT: 3.07 min Scan# 617

Delta R.T. -0.01 min

Lab File: VL032167.D

Acq: 30 Jun 2018 12:32

Instrument :

MSVOA_L

ClientSampleId :

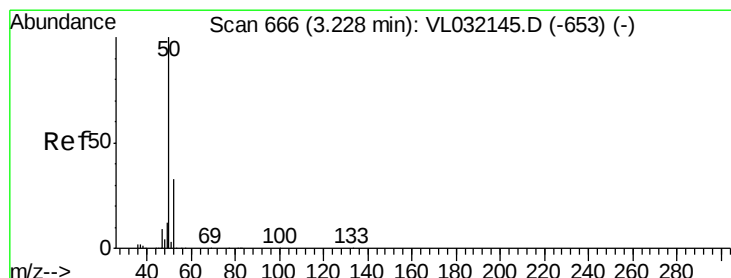
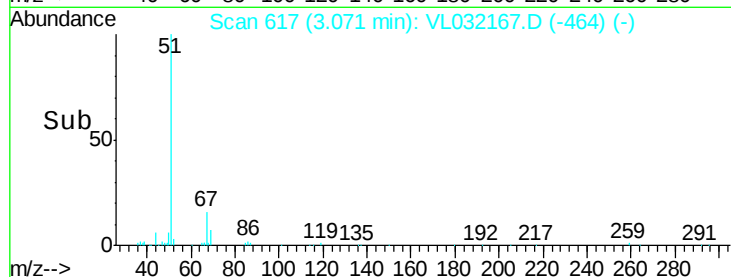
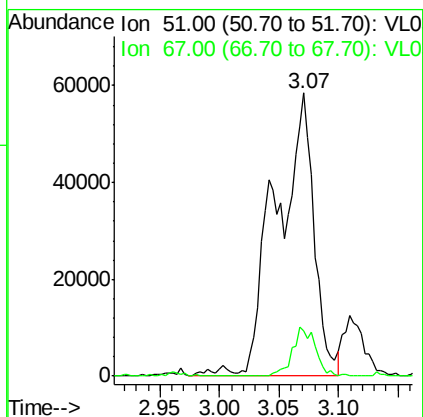
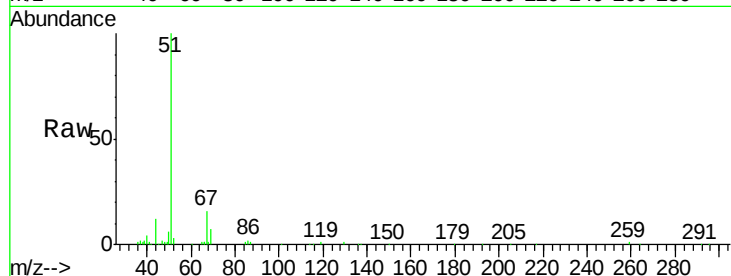
RESIDENT-B-CRAWL-SPACE

Tgt Ion: 51 Resp: 129408

Ion Ratio Lower Upper

51 100

67 10.3 13.2 19.8#



#4

Chloromethane

Concen: 1.802 ppbv

RT: 3.23 min Scan# 667

Delta R.T. -0.01 min

Lab File: VL032167.D

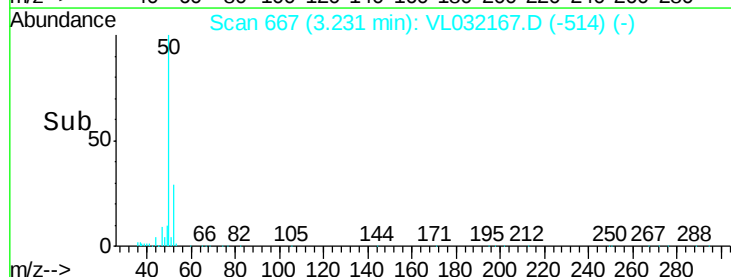
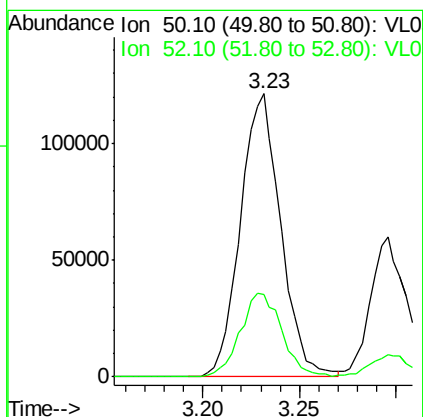
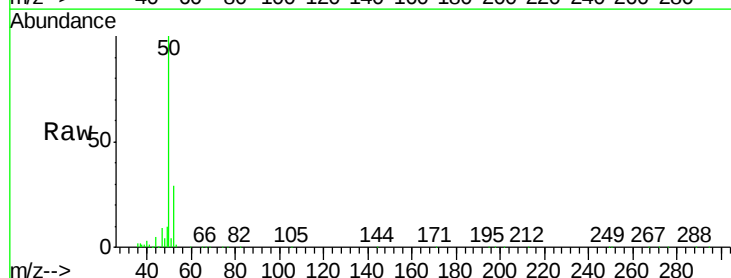
Acq: 30 Jun 2018 12:32

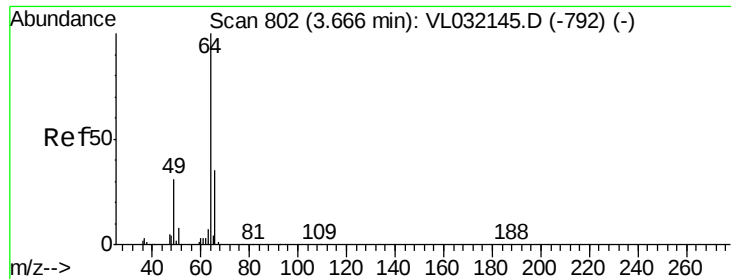
Tgt Ion: 50 Resp: 176237

Ion Ratio Lower Upper

50 100

52 29.1 26.0 39.0





#7

Chloroethane

Concen: 0.035 ppbv

RT: 3.66 min Scan# 800

Delta R.T. -0.01 min

Lab File: VL032167.D

Acq: 30 Jun 2018 12:32

Instrument :

MSVOA_L

ClientSampleId :

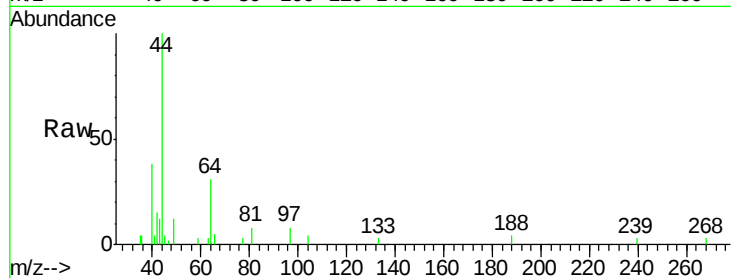
RESIDENT-B-CRAWL-SPACE

Tgt Ion: 64 Resp: 1238

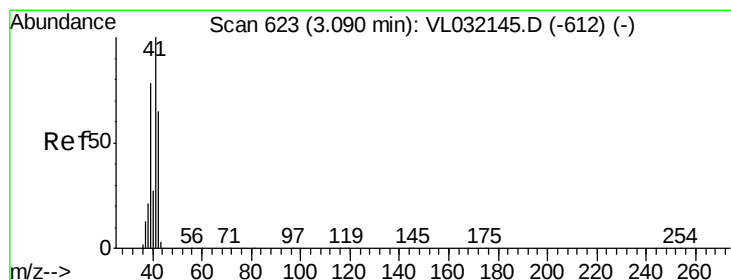
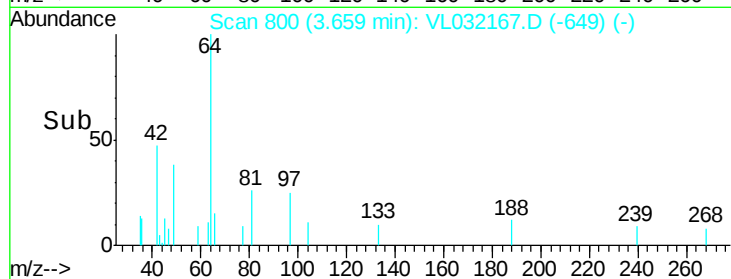
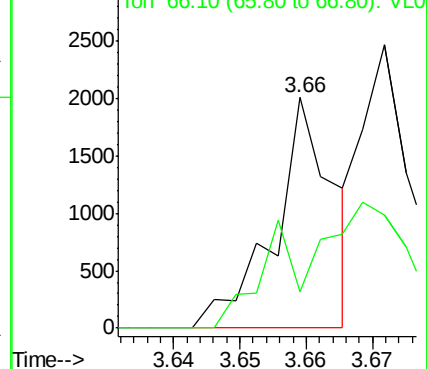
Ion Ratio Lower Upper

64 100

66 15.5 26.9 40.3#



Abundance Ion 64.10 (63.80 to 64.80): VL0



#9

Propene

Concen: 36.542 ppbv

RT: 3.30 min Scan# 687

Delta R.T. 0.20 min

Lab File: VL032167.D

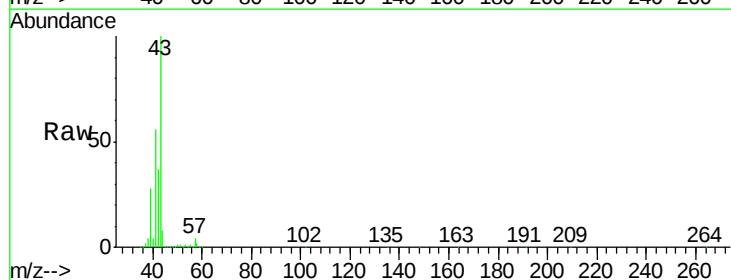
Acq: 30 Jun 2018 12:32

Tgt Ion: 41 Resp: 3119248

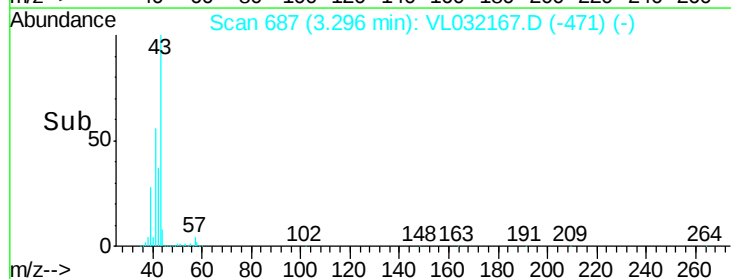
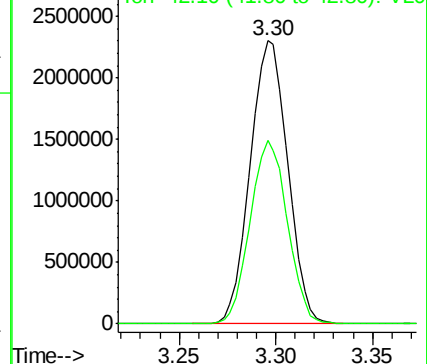
Ion Ratio Lower Upper

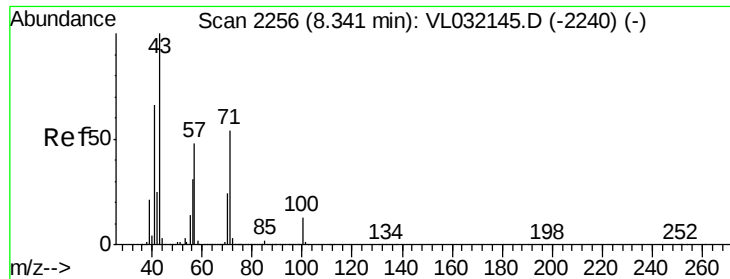
41 100

42 64.8 56.2 84.4



Abundance Ion 41.10 (40.80 to 41.80): VL0





#10

Heptane

Concen: 0.102 ppbv

RT: 8.33 min Scan# 2253

Delta R.T. -0.03 min

Lab File: VL032167.D

Acq: 30 Jun 2018 12:32

Instrument :

MSVOA_L

ClientSampleId :

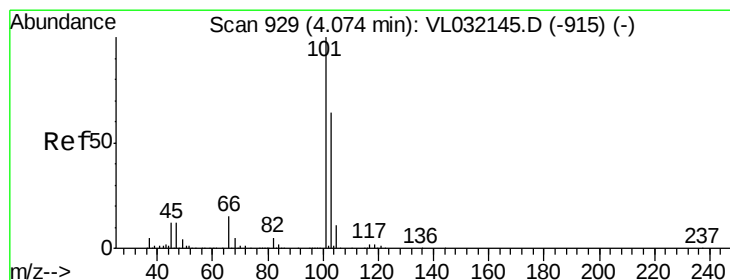
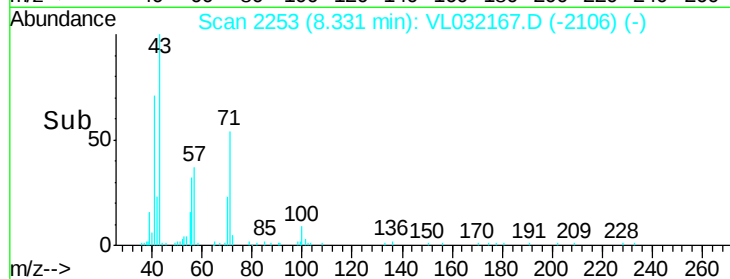
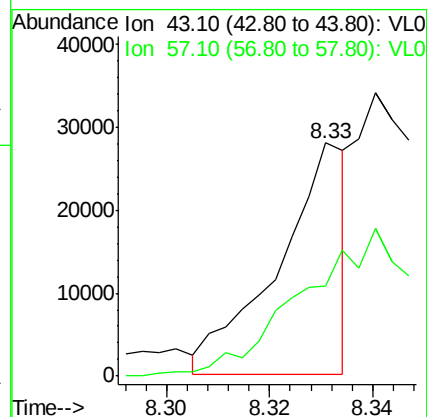
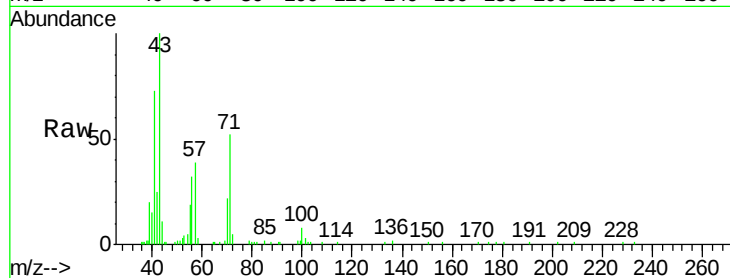
RESIDENT-B-CRAWL-SPACE

Tgt Ion: 43 Resp: 25462

Ion Ratio Lower Upper

43 100

57 0.0 39.8 59.8#



#11

Trichlorofluoromethane

Concen: 0.287 ppbv

RT: 4.07 min Scan# 929

Delta R.T. -0.01 min

Lab File: VL032167.D

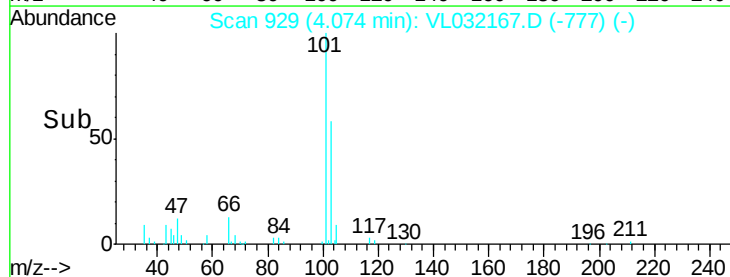
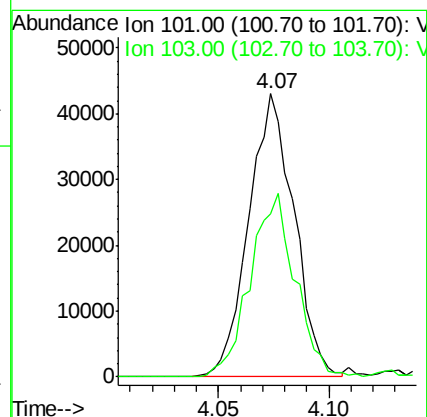
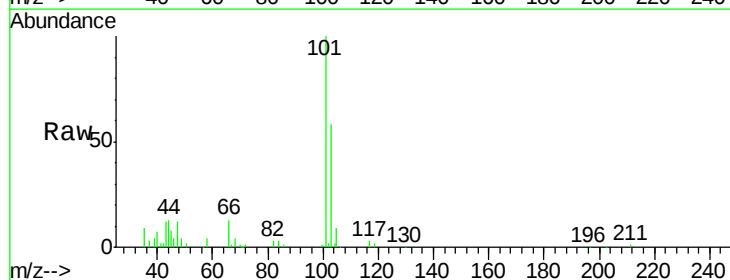
Acq: 30 Jun 2018 12:32

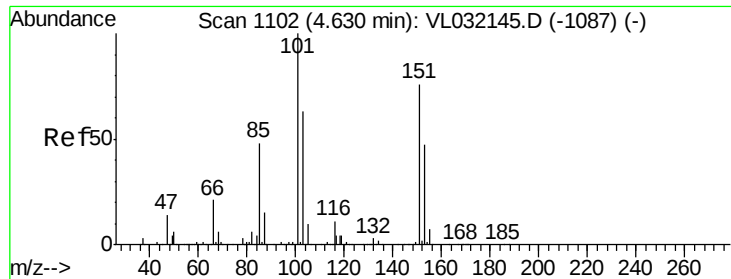
Tgt Ion: 101 Resp: 61203

Ion Ratio Lower Upper

101 100

103 57.7 51.4 77.0





#12

1,1,2-Trichlorotrifluoroethane

Concen: 0.043 ppbv

RT: 4.62 min Scan# 1100

Delta R.T. -0.02 min

Lab File: VL032167.D

Acq: 30 Jun 2018 12:32

Instrument :

MSVOA_L

ClientSampleId :

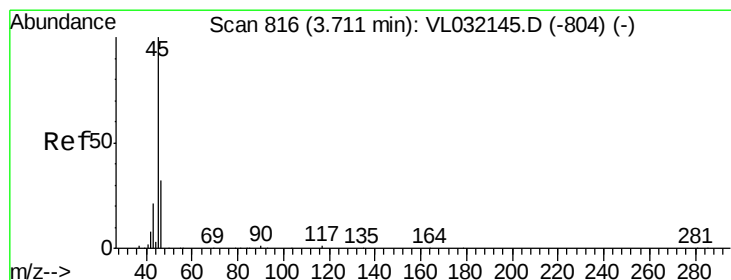
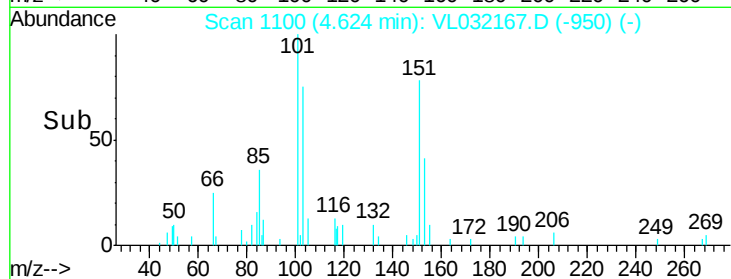
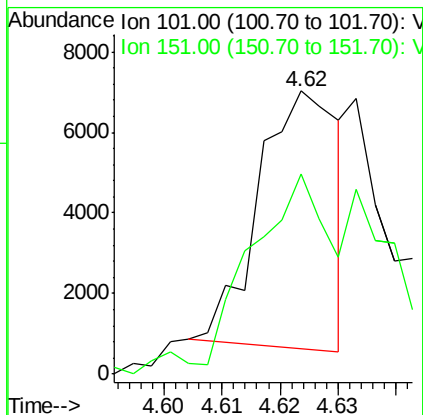
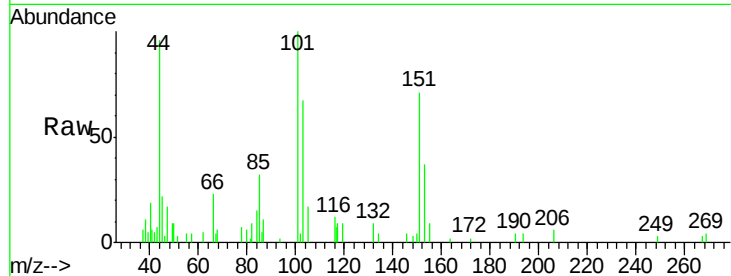
RESIDENT-B-CRAWL-SPACE

Tgt Ion:101 Resp: 6069

Ion Ratio Lower Upper

101 100

151 133.8 58.8 88.2#



#13

Ethanol

Concen: 25.258 ppbv

RT: 3.73 min Scan# 823

Delta R.T. 0.01 min

Lab File: VL032167.D

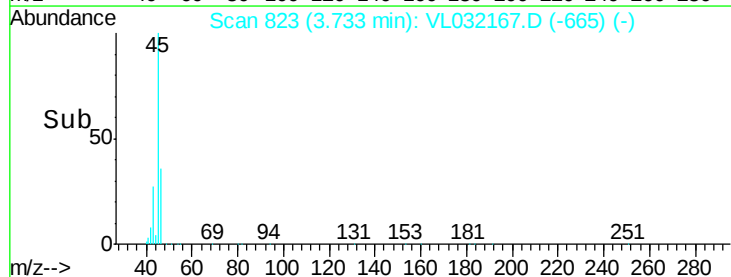
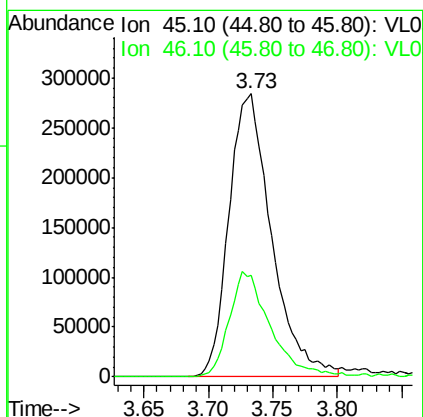
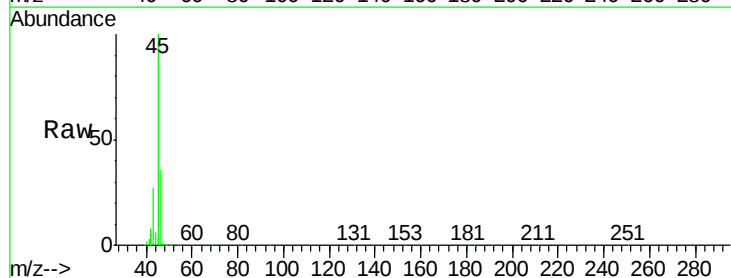
Acq: 30 Jun 2018 12:32

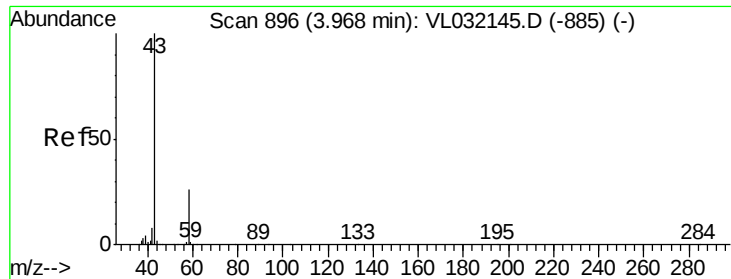
Tgt Ion: 45 Resp: 653593

Ion Ratio Lower Upper

45 100

46 36.2 14.6 58.4





#15

Acetone

Concen: 10.491 ppbv

RT: 3.97 min Scan# 896

Delta R.T. -0.01 min

Lab File: VL032167.D

Acq: 30 Jun 2018 12:32

Instrument :

MSVOA_L

ClientSampleId :

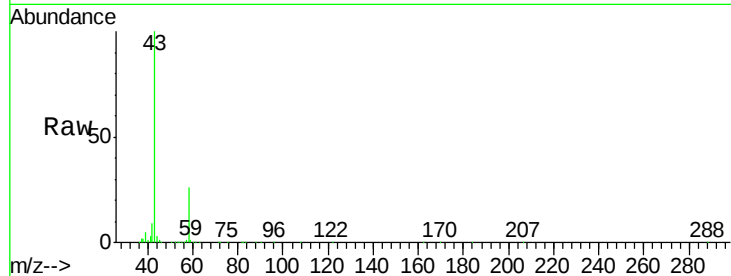
RESIDENT-B-CRAWL-SPACE

Tgt Ion: 43 Resp: 1838738

Ion Ratio Lower Upper

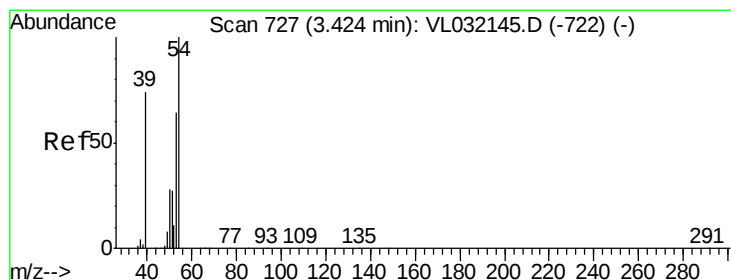
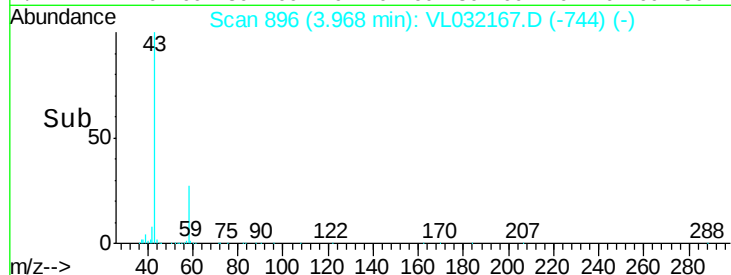
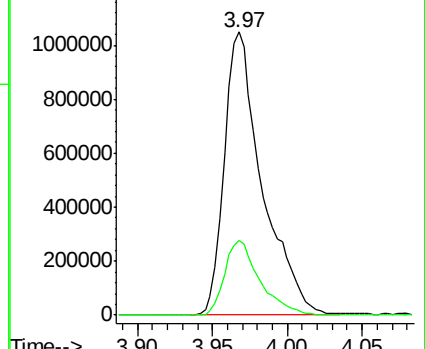
43 100

58 24.9 21.4 32.0



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



#16

1,3-Butadiene

Concen: 0.186 ppbv

RT: 3.40 min Scan# 721

Delta R.T. -0.03 min

Lab File: VL032167.D

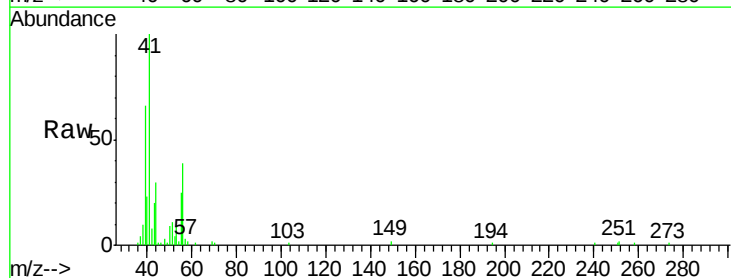
Acq: 30 Jun 2018 12:32

Tgt Ion: 39 Resp: 15515

Ion Ratio Lower Upper

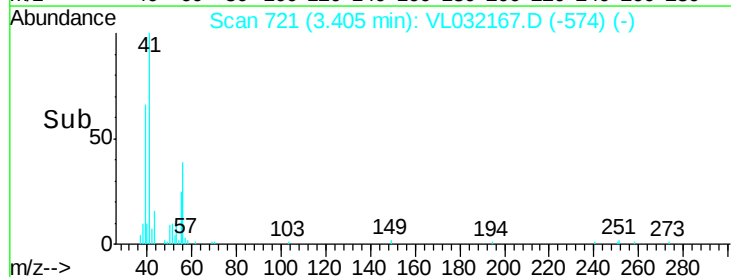
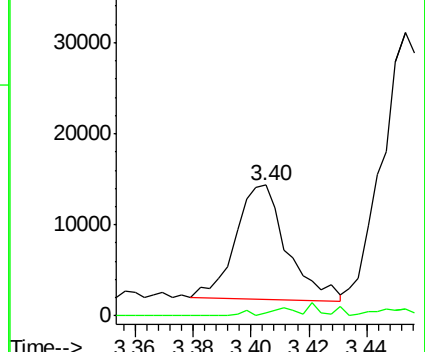
39 100

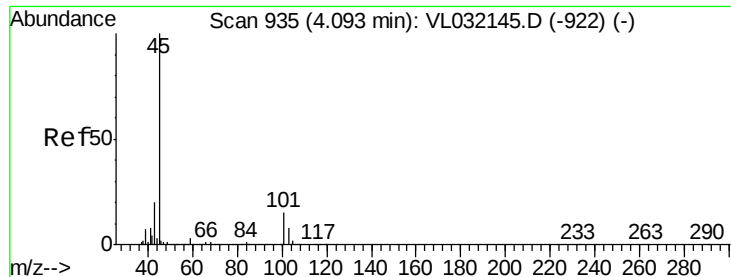
54 14.6 75.8 113.6#



Abundance Ion 39.10 (38.80 to 39.80): VL0

Ion 54.10 (53.80 to 54.80): VL0





#19

Isopropyl Alcohol

Concen: 1.316 ppbv

RT: 4.12 min Scan# 942

Delta R.T. 0.01 min

Lab File: VL032167.D

Acq: 30 Jun 2018 12:32

Instrument :

MSVOA_L

ClientSampleId :

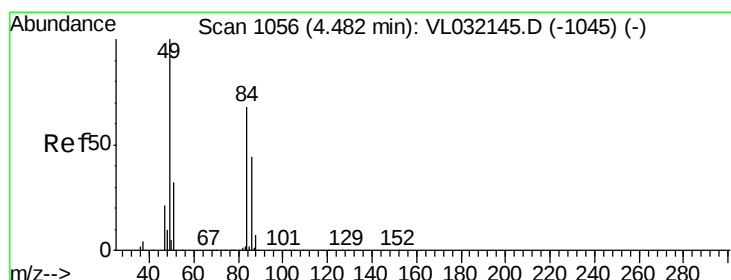
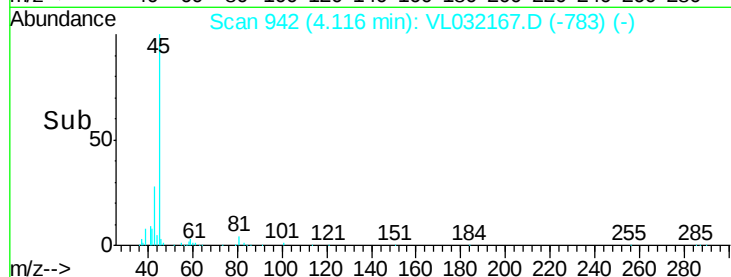
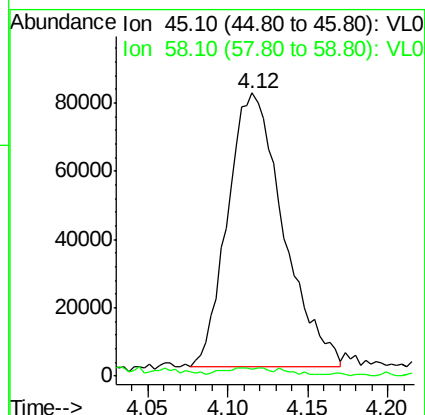
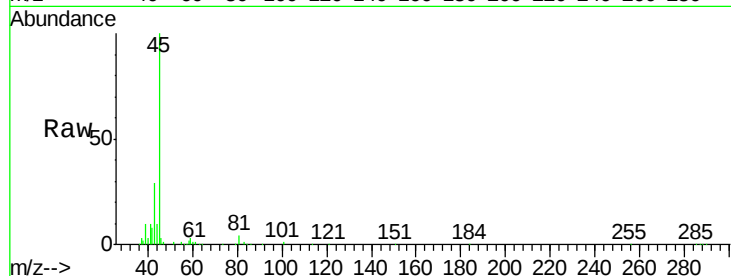
RESIDENT-B-CRAWL-SPACE

Tgt Ion: 45 Resp: 191645

Ion Ratio Lower Upper

45 100

58 239.1 29.4 44.0#



#20

Methylene Chloride

Concen: 3.144 ppbv

RT: 4.48 min Scan# 1056

Delta R.T. -0.01 min

Lab File: VL032167.D

Acq: 30 Jun 2018 12:32

Tgt Ion: 84 Resp: 201374

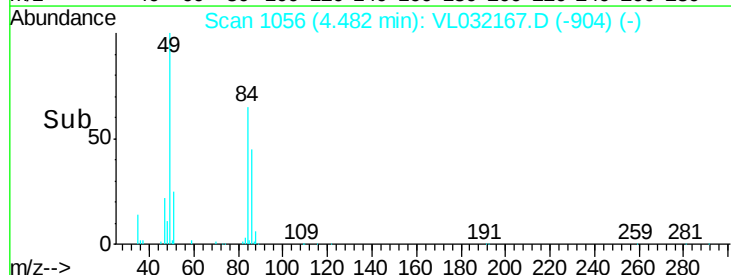
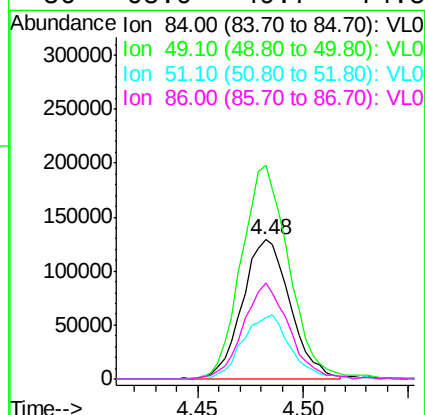
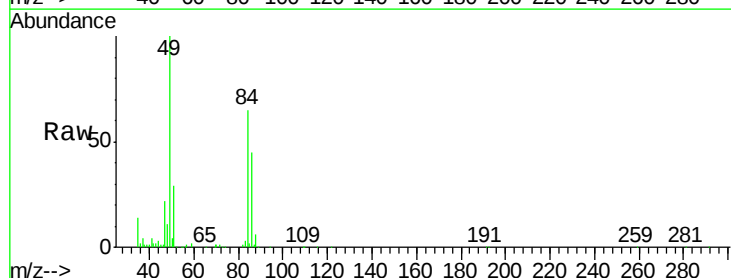
Ion Ratio Lower Upper

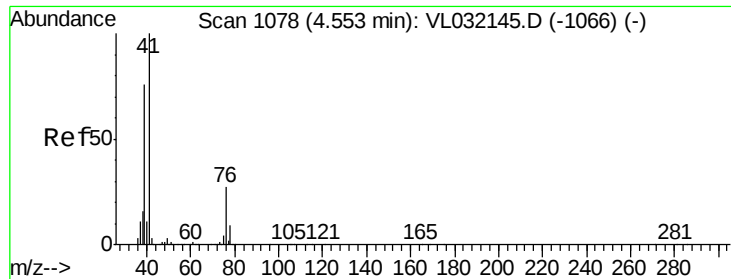
84 100

49 153.6 119.6 179.4

51 43.0 36.3 54.5

86 68.9 49.7 74.5

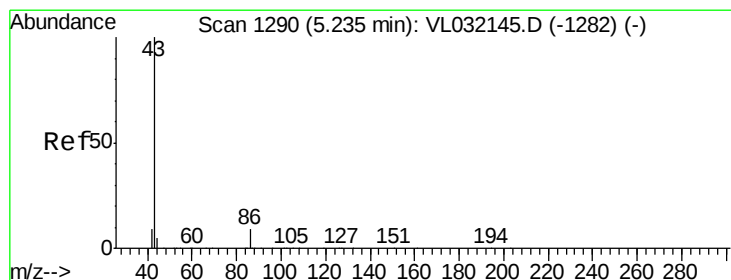
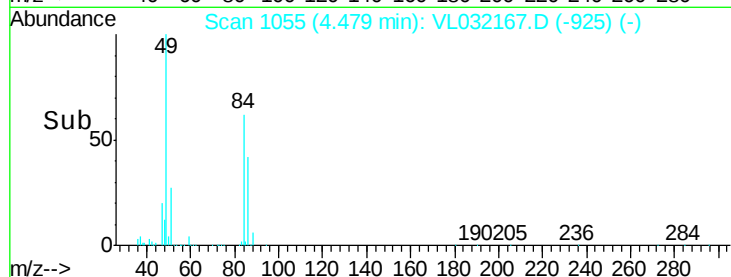
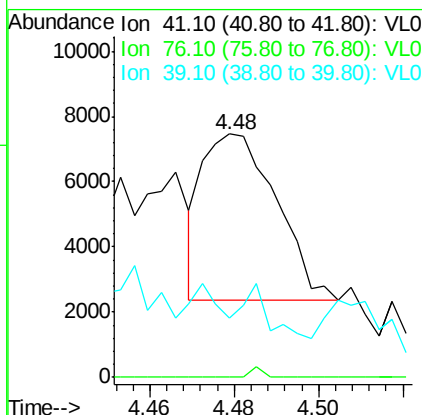
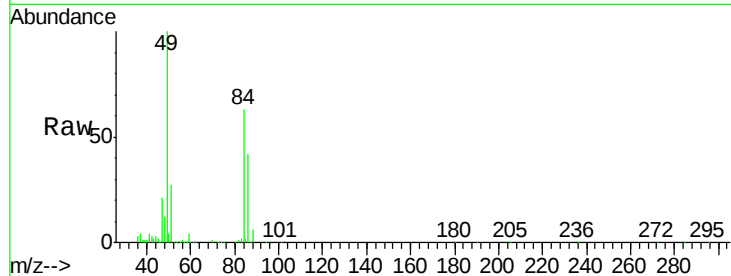




#21
 Allyl Chloride
 Concen: 0.052 ppbv
 RT: 4.48 min Scan# 1055
 Delta R.T. -0.08 min
 Lab File: VL032167.D
 Acq: 30 Jun 2018 12:32

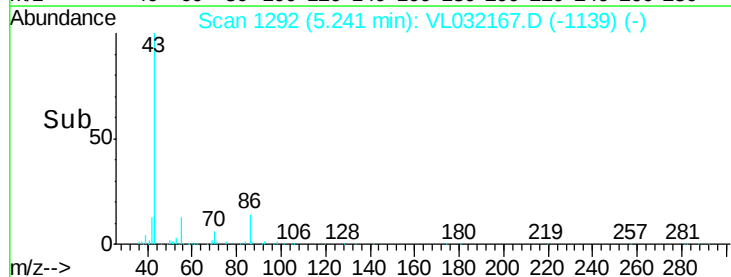
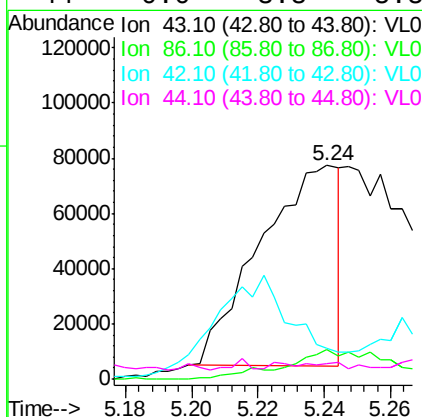
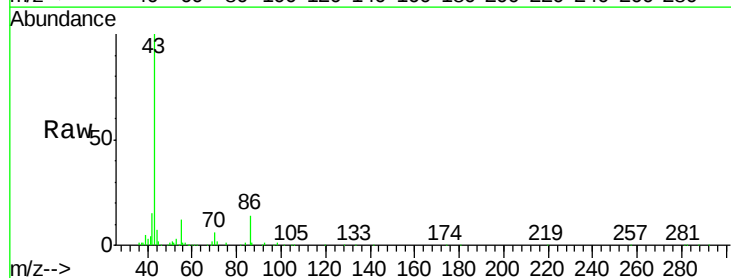
Instrument :
 MSVOA_L
 ClientSampleId :
 RESIDENT-B-CRAWL-SPACE

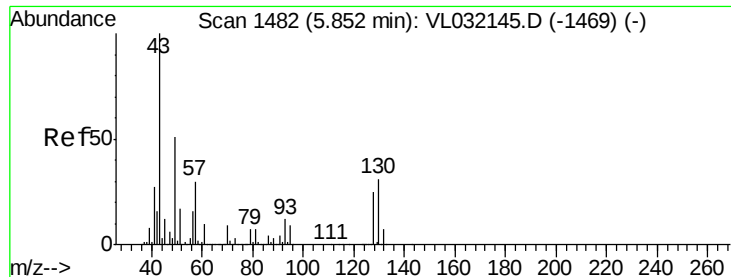
Tgt Ion: 41 Resp: 6205
 Ion Ratio Lower Upper
 41 100
 76 0.0 22.5 33.7#
 39 0.0 60.5 90.7#



#23
 Vinyl Acetate
 Concen: 0.380 ppbv
 RT: 5.24 min Scan# 1292
 Delta R.T. -0.01 min
 Lab File: VL032167.D
 Acq: 30 Jun 2018 12:32

Tgt Ion: 43 Resp: 120891
 Ion Ratio Lower Upper
 43 100
 86 14.7 6.2 9.4#
 42 3.2 6.9 10.3#
 44 0.0 3.8 5.8#

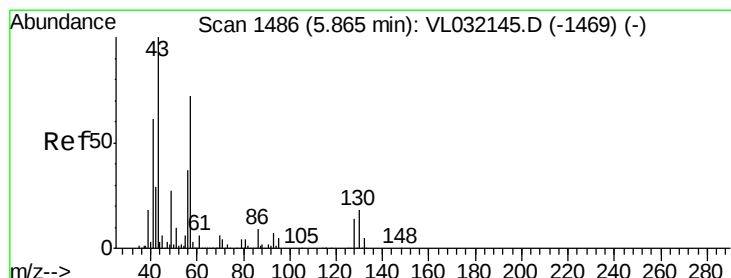
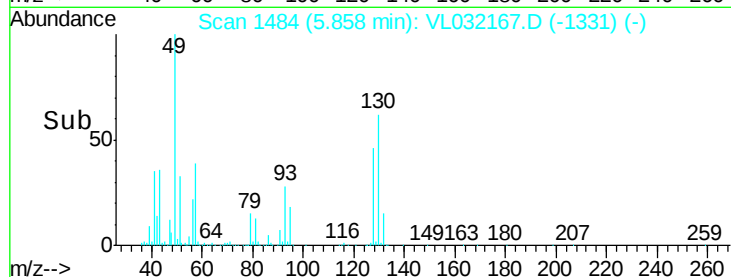
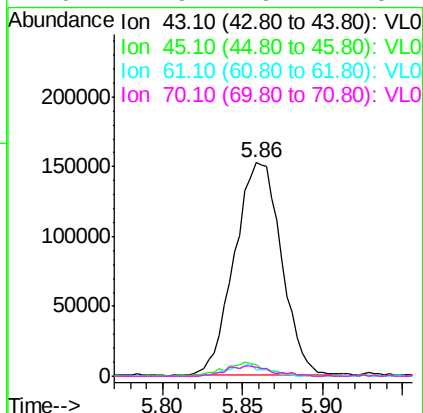
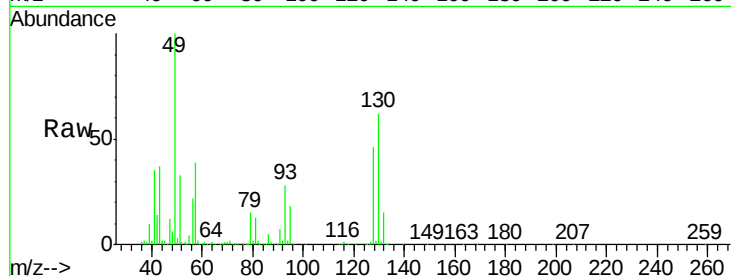




#25
Ethyl Acetate
Concen: 0.839 ppbv
RT: 5.86 min Scan# 1484
Delta R.T. -0.01 min
Lab File: VL032167.D
Acq: 30 Jun 2018 12:32

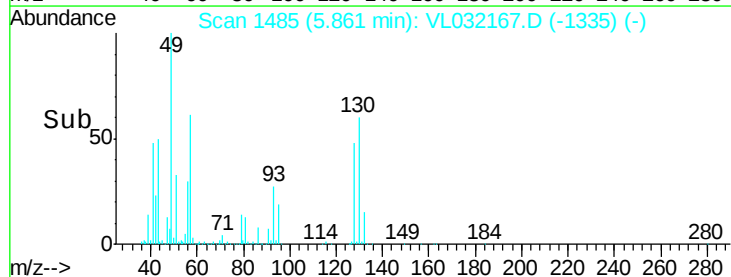
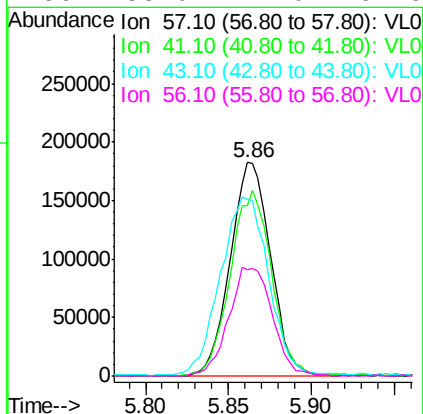
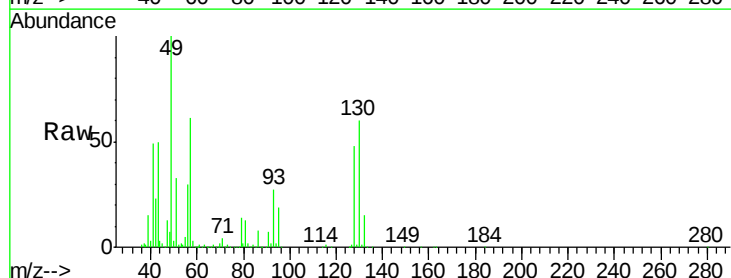
Instrument :
MSVOA_L
ClientSampleId :
RESIDENT-B-CRAWL-SPACE

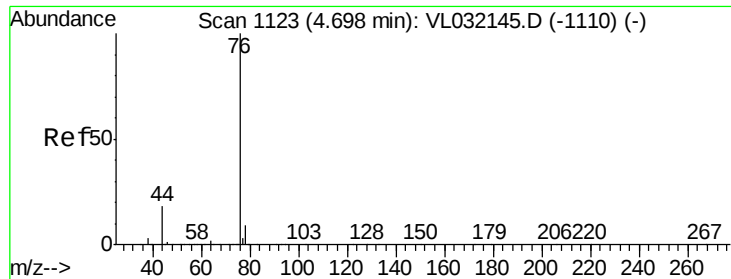
Tgt Ion: 43 Resp: 304400
Ion Ratio Lower Upper
43 100
45 6.5 7.8 11.8#
61 4.4 7.4 11.0#
70 4.9 6.1 9.1#



#26
Hexane
Concen: 1.837 ppbv
RT: 5.86 min Scan# 1485
Delta R.T. -0.02 min
Lab File: VL032167.D
Acq: 30 Jun 2018 12:32

Tgt Ion: 57 Resp: 306776
Ion Ratio Lower Upper
57 100
41 90.1 68.6 103.0
43 100.4 168.6 252.8#
56 55.0 41.0 61.6





#27

Carbon Disulfide

Concen: 0.046 ppbv

RT: 4.70 min Scan# 1123

Delta R.T. -0.01 min

Lab File: VL032167.D

Acq: 30 Jun 2018 12:32

Instrument :

MSVOA_L

ClientSampleId :

RESIDENT-B-CRAWL-SPACE

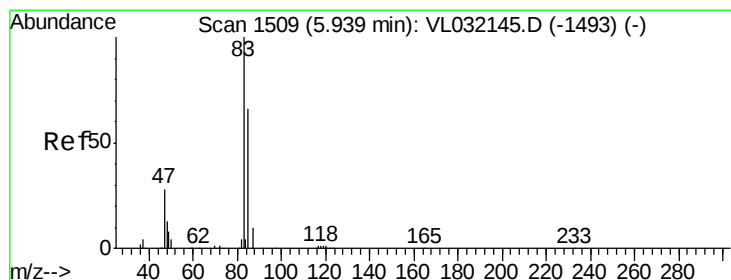
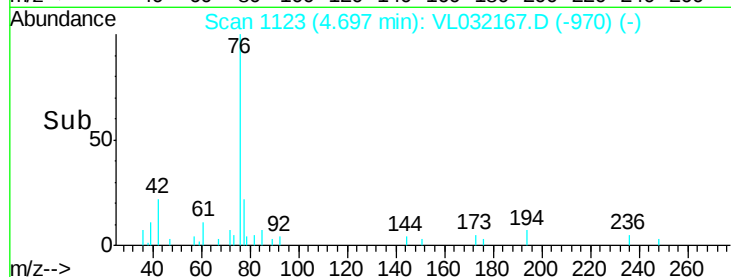
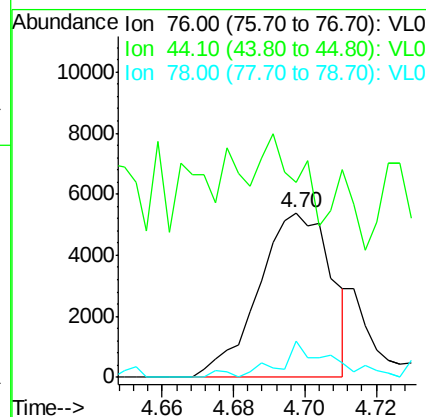
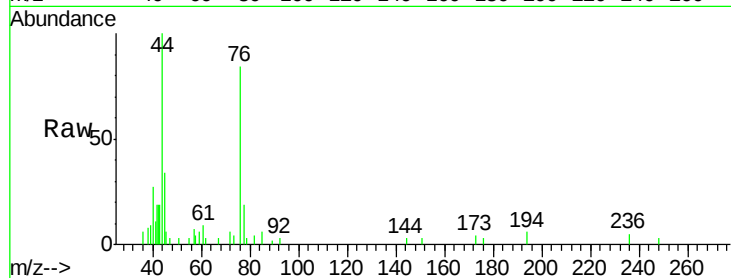
Tgt Ion: 76 Resp: 7581

Ion Ratio Lower Upper

76 100

44 87.6 15.1 22.7#

78 17.3 7.2 10.8#



#29

Chloroform

Concen: 0.406 ppbv

RT: 5.93 min Scan# 1506

Delta R.T. -0.02 min

Lab File: VL032167.D

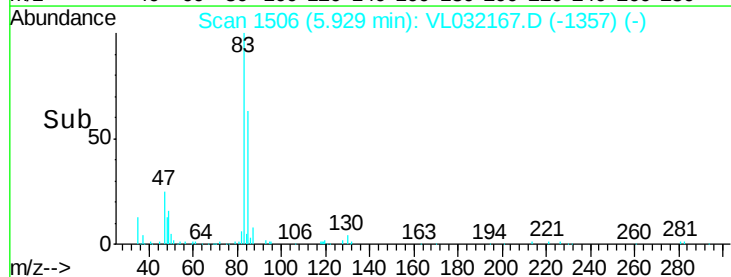
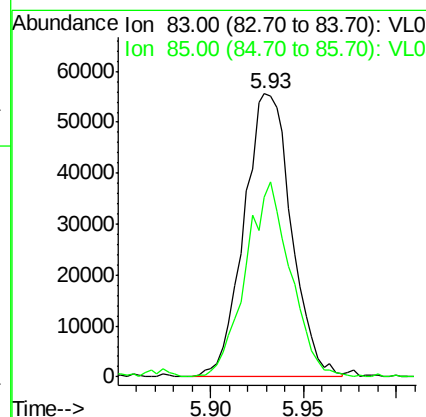
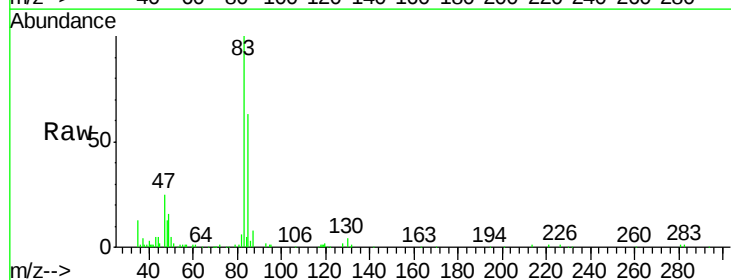
Acq: 30 Jun 2018 12:32

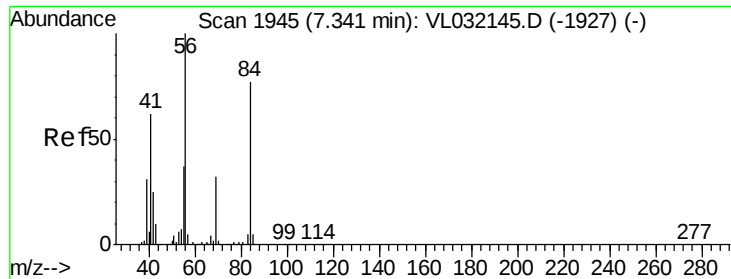
Tgt Ion: 83 Resp: 98679

Ion Ratio Lower Upper

83 100

85 63.3 51.6 77.4

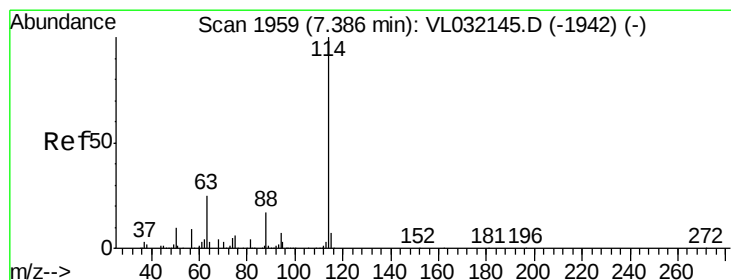
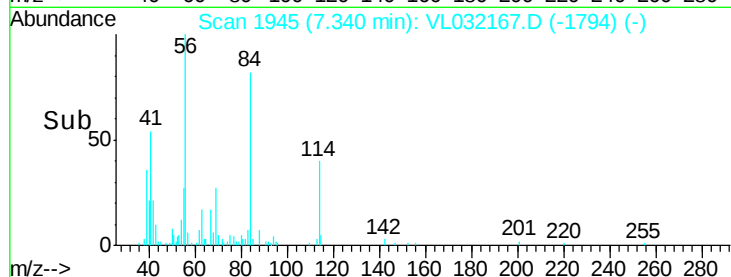
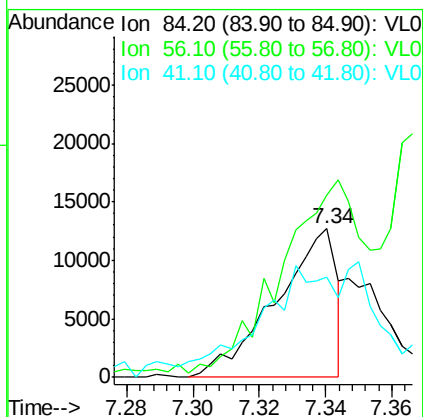
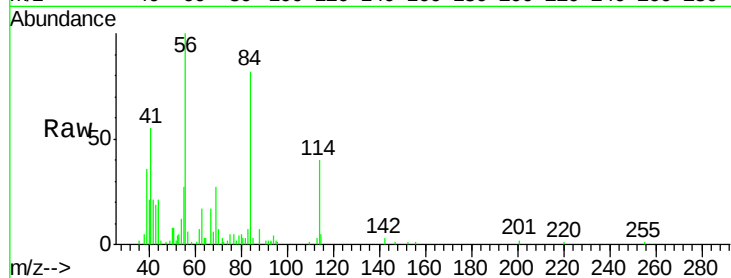




#30
Cyclohexane
Concen: 0.102 ppbv
RT: 7.34 min Scan# 1945
Delta R.T. -0.02 min
Lab File: VL032167.D
Acq: 30 Jun 2018 12:32

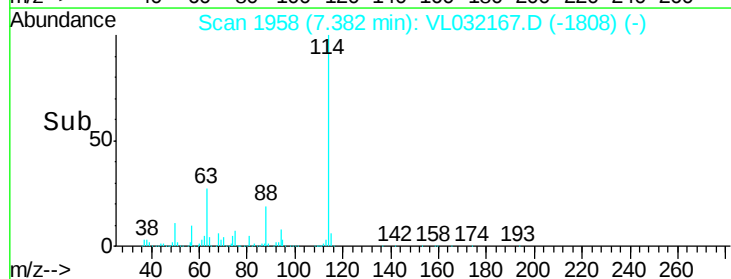
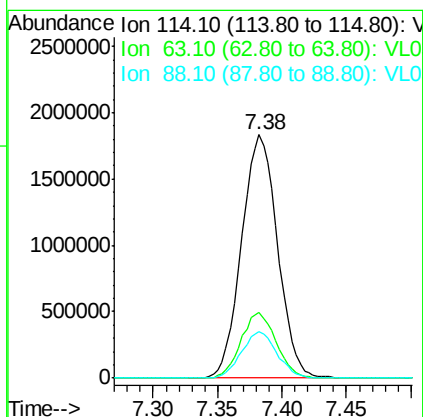
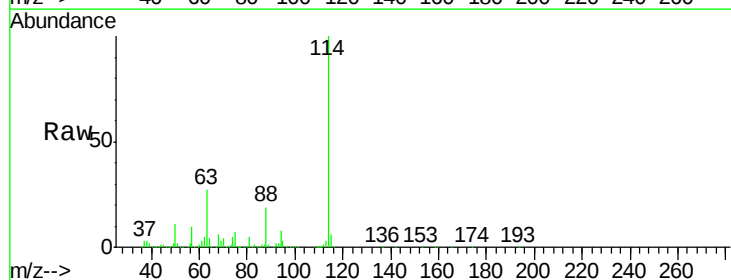
Instrument :
MSVOA_L
ClientSampleId :
RESIDENT-B-CRAWL-SPACE

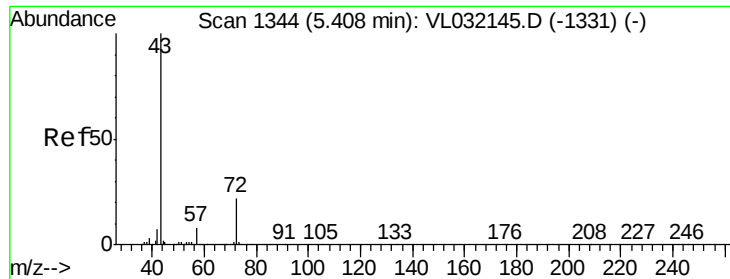
Tgt Ion: 84 Resp: 16061
Ion Ratio Lower Upper
84 100
56 0.0 109.1 163.7#
41 0.0 64.6 96.8#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.38 min Scan# 1958
Delta R.T. -0.02 min
Lab File: VL032167.D
Acq: 30 Jun 2018 12:32

Tgt Ion: 114 Resp: 3563056
Ion Ratio Lower Upper
114 100
63 26.5 19.1 28.7
88 18.9 13.9 20.9

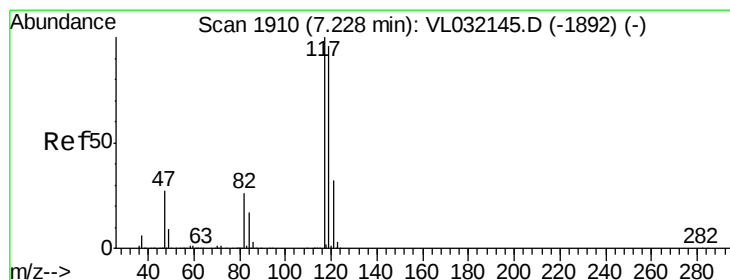
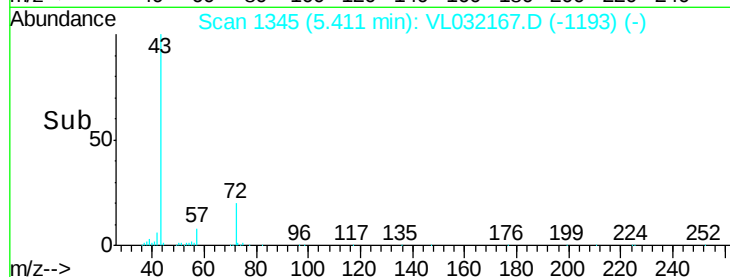
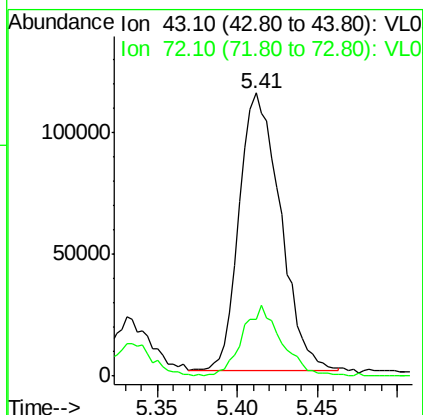
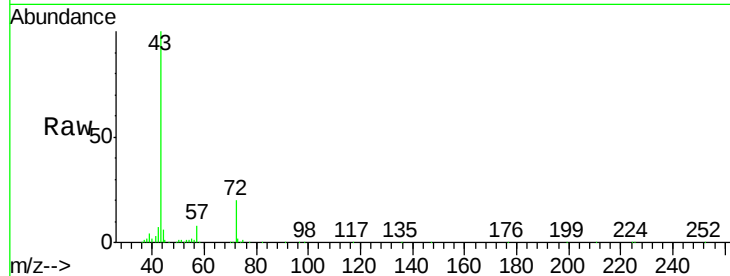




#34
 2-Butanone
 Concen: 0.887 ppbv
 RT: 5.41 min Scan# 1345
 Delta R.T. -0.01 min
 Lab File: VL032167.D
 Acq: 30 Jun 2018 12:32

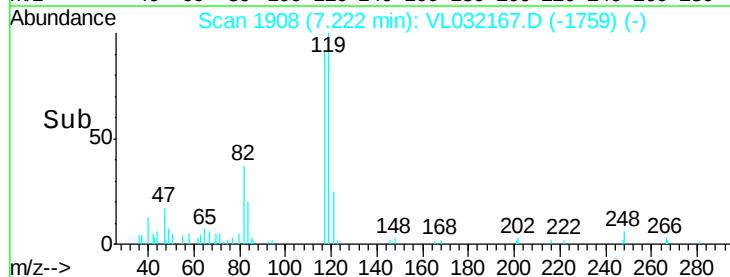
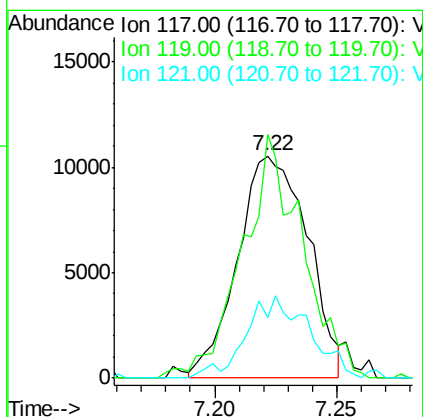
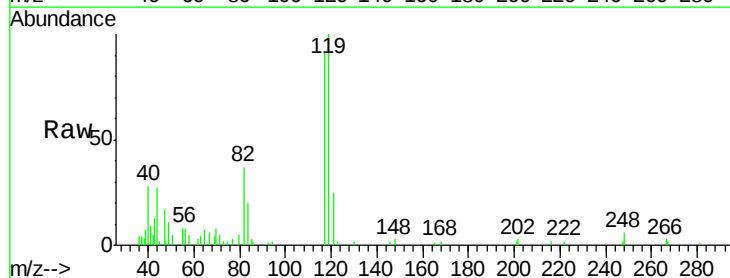
Instrument :
 MSVOA_L
 ClientSampleId :
 RESIDENT-B-CRAWL-SPACE

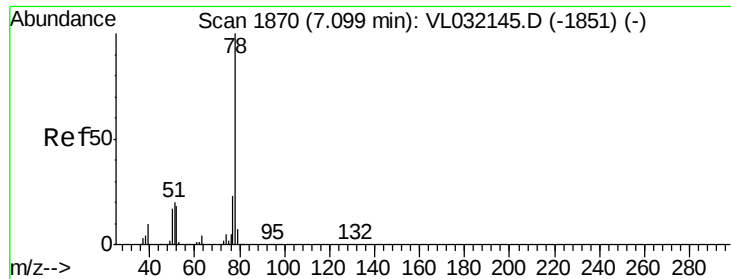
Tgt Ion: 43 Resp: 200494
 Ion Ratio Lower Upper
 43 100
 72 24.0 18.4 27.6



#35
 Carbon Tetrachloride
 Concen: 0.086 ppbv
 RT: 7.22 min Scan# 1908
 Delta R.T. -0.02 min
 Lab File: VL032167.D
 Acq: 30 Jun 2018 12:32

Tgt Ion: 117 Resp: 20993
 Ion Ratio Lower Upper
 117 100
 119 109.8 74.8 112.2
 121 27.9 24.0 36.0





#36

Benzene

Concen: 0.119 ppbv

RT: 7.09 min Scan# 1867

Delta R.T. -0.02 min

Lab File: VL032167.D

Acq: 30 Jun 2018 12:32

Instrument :

MSVOA_L

ClientSampleId :

RESIDENT-B-CRAWL-SPACE

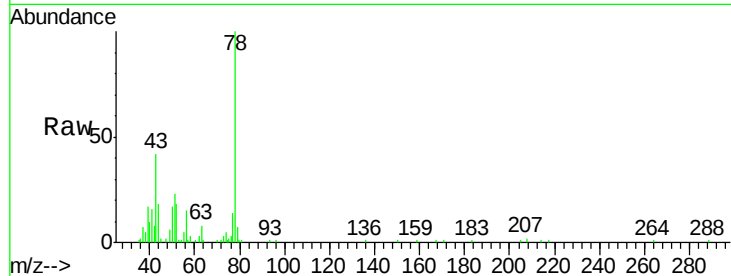
Tgt Ion: 78 Resp: 40941

Ion Ratio Lower Upper

78 100

77 12.2 17.7 26.5#

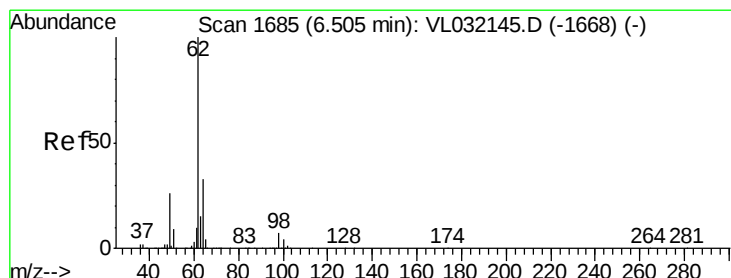
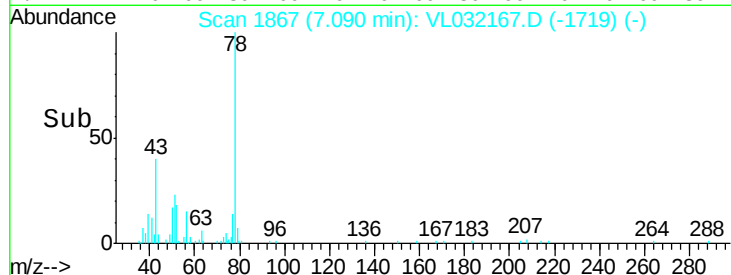
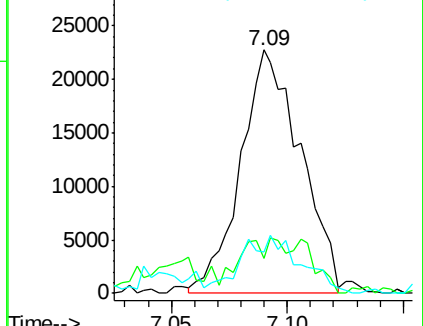
50 14.8 14.0 21.0



Abundance Ion 78.10 (77.80 to 78.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

Ion 50.10 (49.80 to 50.80): VL0



#37

1,2-Dichloroethane

Concen: 0.084 ppbv

RT: 6.50 min Scan# 1684

Delta R.T. -0.02 min

Lab File: VL032167.D

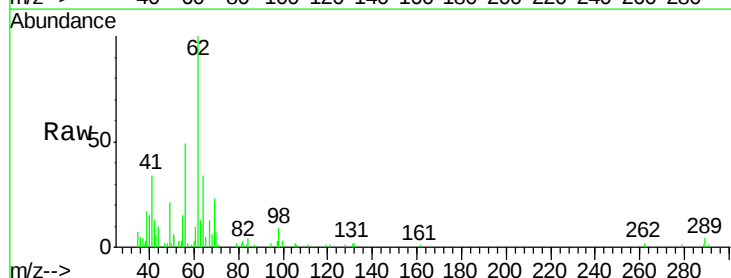
Acq: 30 Jun 2018 12:32

Tgt Ion: 62 Resp: 14442

Ion Ratio Lower Upper

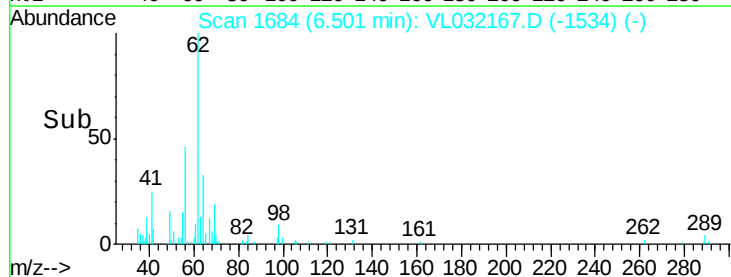
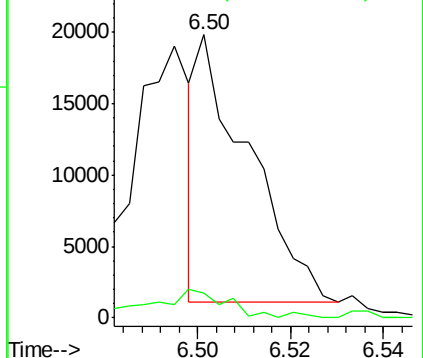
62 100

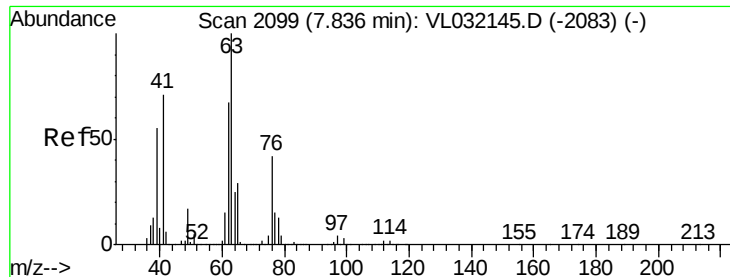
98 17.5 5.8 8.6#



Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 98.00 (97.70 to 98.70): VL0

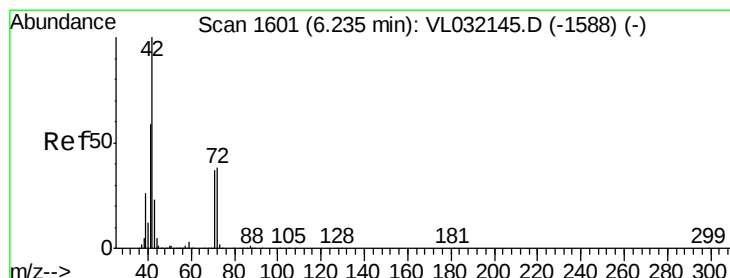
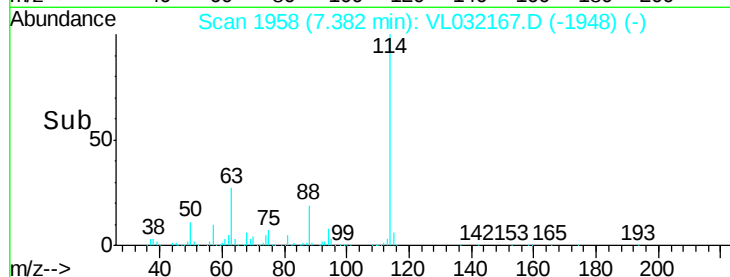
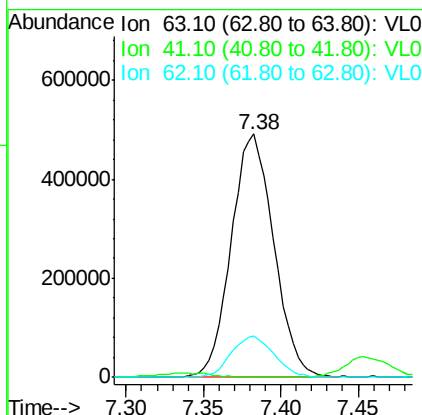
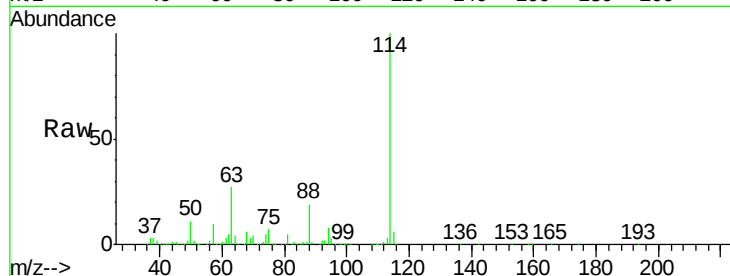




#39
 1,2-Dichloropropane
 Concen: 6.857 ppbv
 RT: 7.38 min Scan# 1958
 Delta R.T. -0.47 min
 Lab File: VL032167.D
 Acq: 30 Jun 2018 12:32

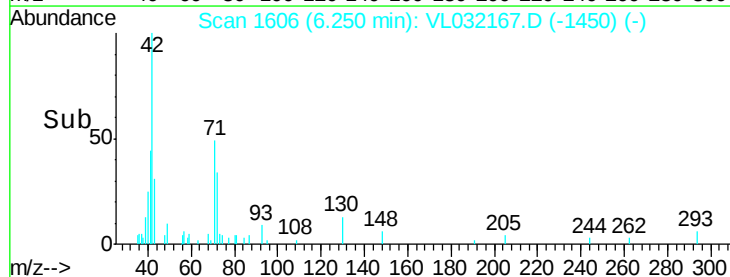
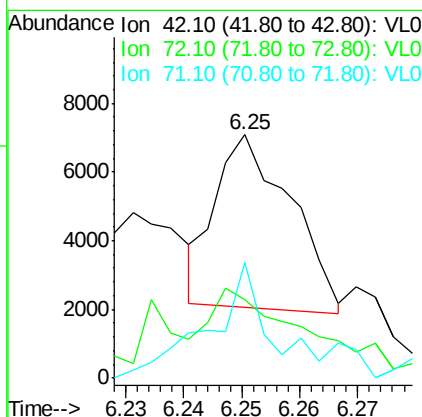
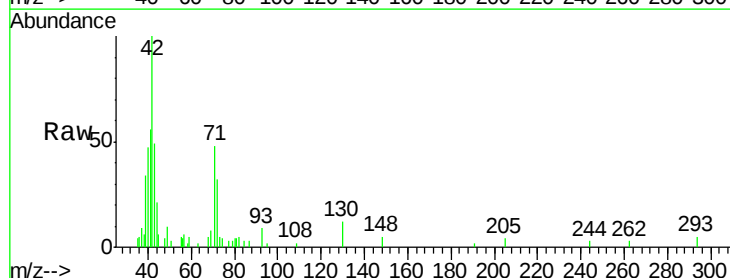
Instrument :
 MSVOA_L
 ClientSampleId :
 RESIDENT-B-CRAWL-SPACE

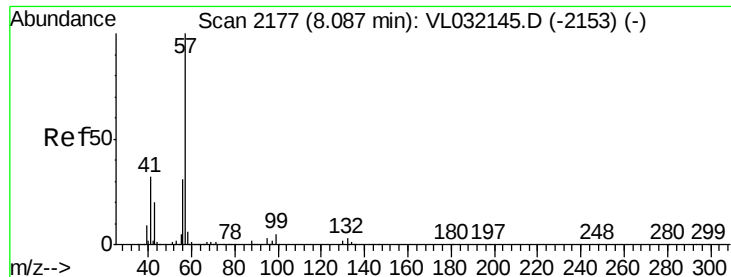
Tgt Ion: 63 Resp: 932670
 Ion Ratio Lower Upper
 63 100
 41 0.0 53.3 79.9#
 62 17.1 54.8 82.2#



#41
 Tetrahydrofuran
 Concen: 0.033 ppbv
 RT: 6.25 min Scan# 1606
 Delta R.T. 0.00 min
 Lab File: VL032167.D
 Acq: 30 Jun 2018 12:32

Tgt Ion: 42 Resp: 4513
 Ion Ratio Lower Upper
 42 100
 72 108.0 31.1 46.7#
 71 75.8 29.5 44.3#





#44

2,2,4-Trimethylpentane

Concen: 0.066 ppbv

RT: 8.09 min Scan# 2177

Delta R.T. -0.02 min

Lab File: VL032167.D

Acq: 30 Jun 2018 12:32

Instrument :

MSVOA_L

ClientSampleId :

RESIDENT-B-CRAWL-SPACE

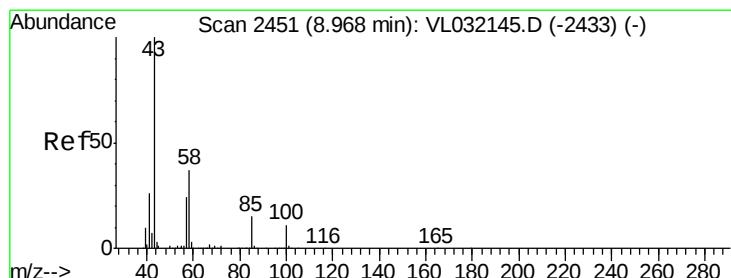
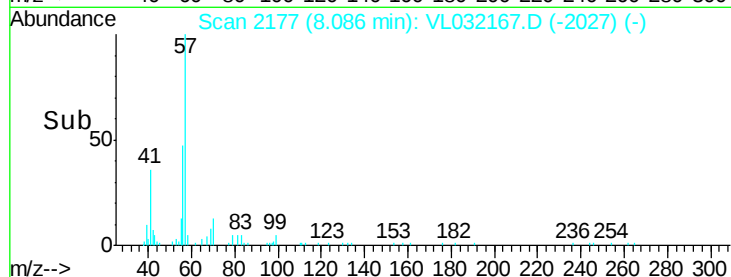
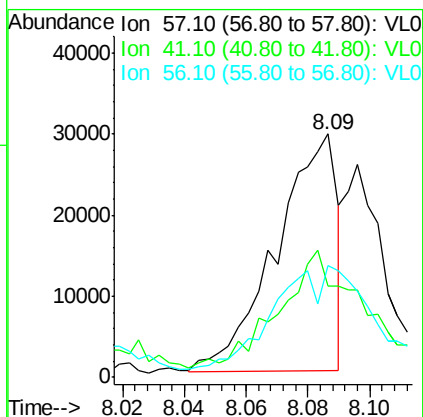
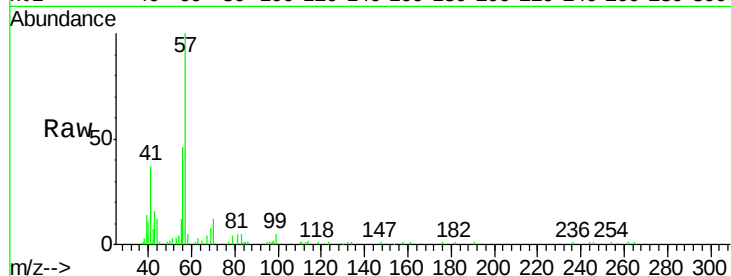
Tgt Ion: 57 Resp: 39858

Ion Ratio Lower Upper

57 100

41 79.7 24.3 36.5#

56 85.6 25.1 37.7#



#50

4-Methyl-2-Pentanone

Concen: 0.181 ppbv

RT: 8.98 min Scan# 2456

Delta R.T. -0.00 min

Lab File: VL032167.D

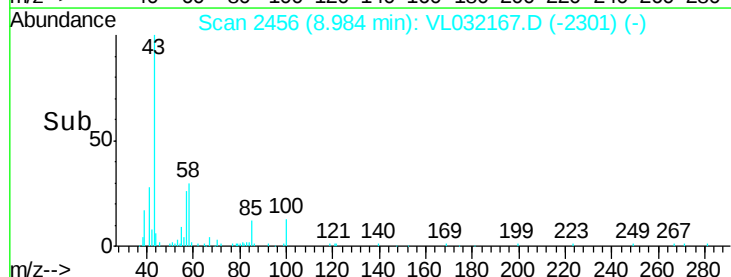
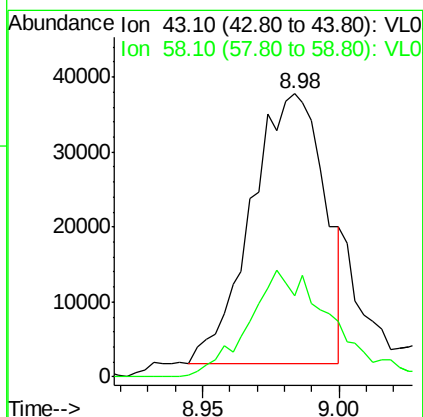
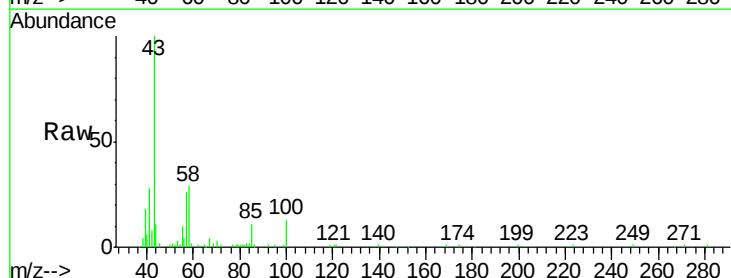
Acq: 30 Jun 2018 12:32

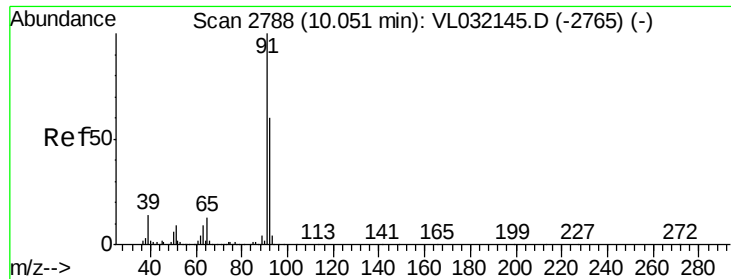
Tgt Ion: 43 Resp: 67162

Ion Ratio Lower Upper

43 100

58 45.3 29.8 44.6#





#53

Toluene

Concen: 2.606 ppbv

RT: 10.04 min Scan# 2786

Delta R.T. -0.02 min

Lab File: VL032167.D

Acq: 30 Jun 2018 12:32

Instrument :

MSVOA_L

ClientSampleId :

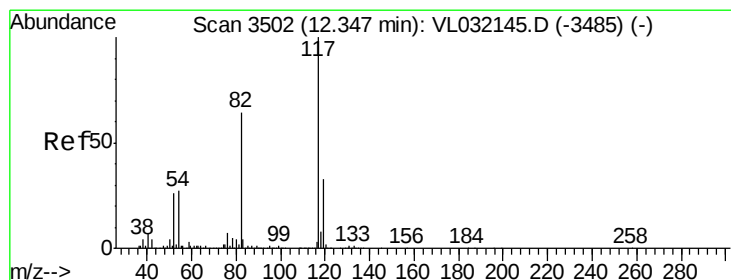
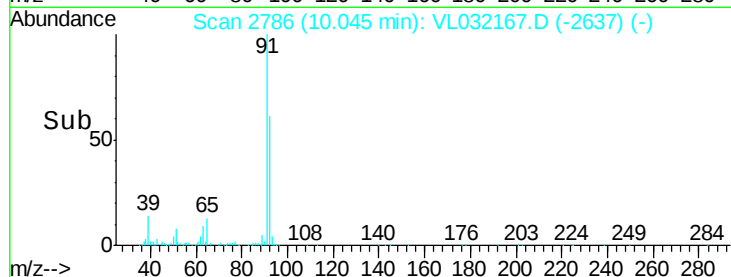
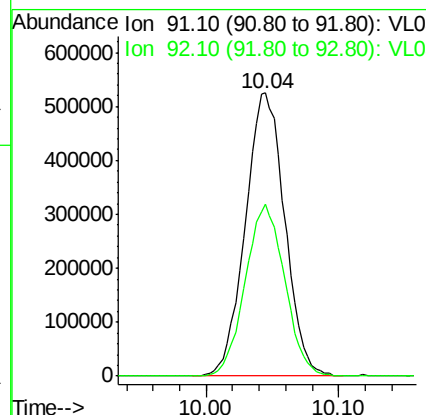
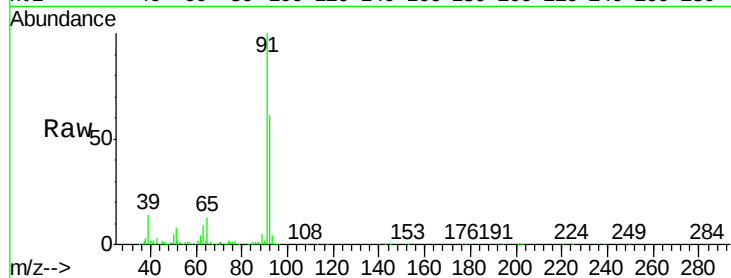
RESIDENT-B-CRAWL-SPACE

Tgt Ion: 91 Resp: 1086428

Ion Ratio Lower Upper

91 100

92 60.7 49.2 73.8



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.34 min Scan# 3501

Delta R.T. -0.02 min

Lab File: VL032167.D

Acq: 30 Jun 2018 12:32

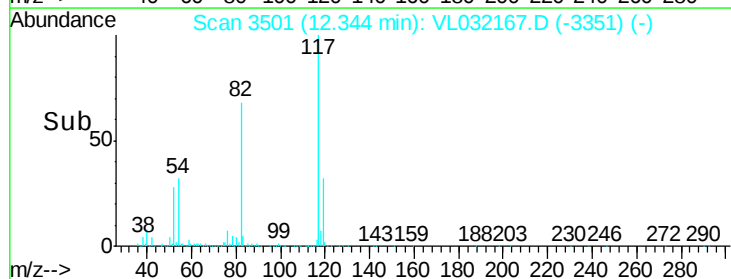
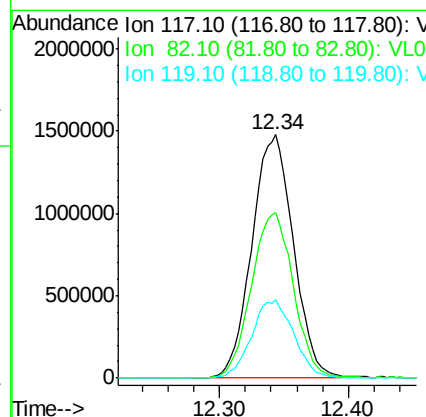
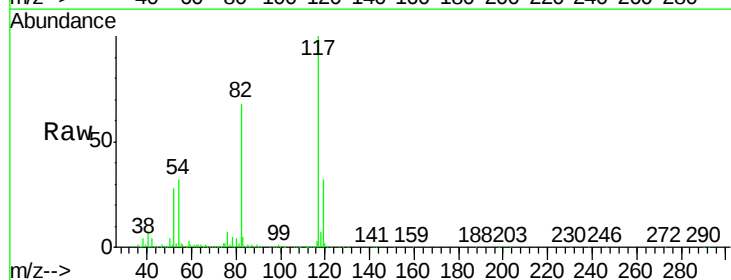
Tgt Ion: 117 Resp: 3311635

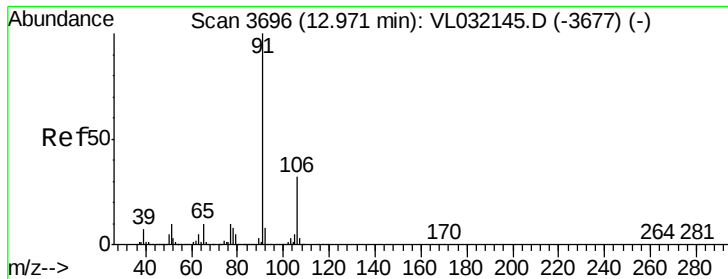
Ion Ratio Lower Upper

117 100

82 68.8 47.8 71.8

119 32.7 43.3 64.9#





#58

Ethyl Benzene

Concen: 0.087 ppbv

RT: 13.26 min Scan# 3785

Delta R.T. 0.27 min

Lab File: VL032167.D

Acq: 30 Jun 2018 12:32

Instrument :

MSVOA_L

ClientSampleId :

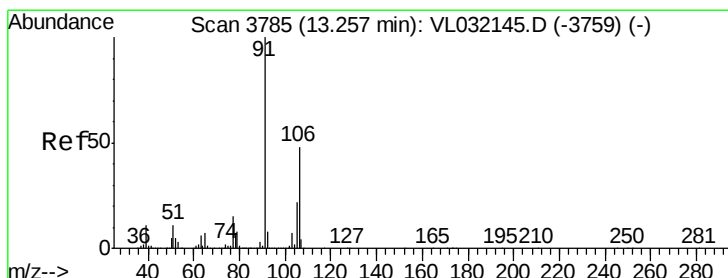
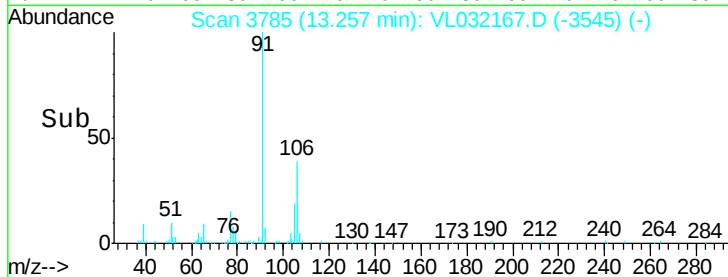
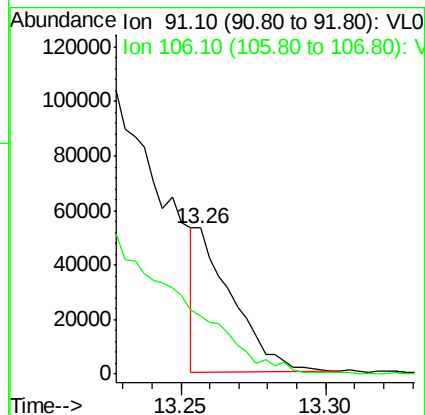
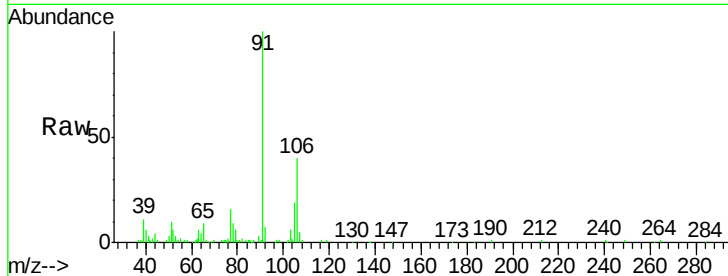
RESIDENT-B-CRAWL-SPACE

Tgt Ion: 91 Resp: 46567

Ion Ratio Lower Upper

91 100

106 39.2 26.5 39.7



#59

m/p-Xylene

Concen: 0.109 ppbv

RT: 13.26 min Scan# 3785

Delta R.T. -0.01 min

Lab File: VL032167.D

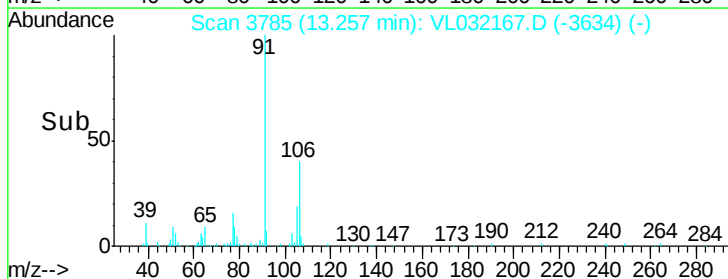
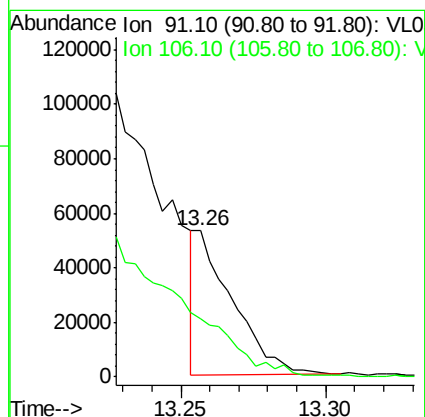
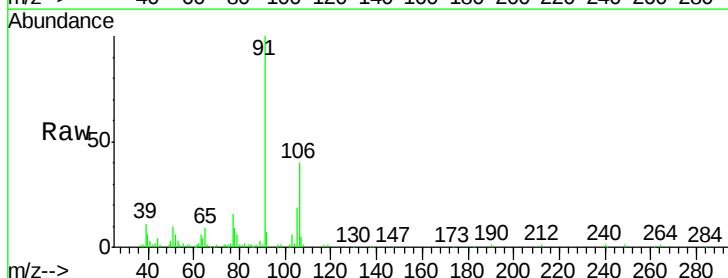
Acq: 30 Jun 2018 12:32

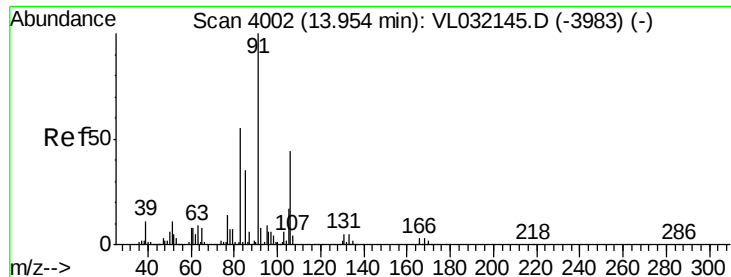
Tgt Ion: 91 Resp: 46567

Ion Ratio Lower Upper

91 100

106 0.0 38.6 58.0#

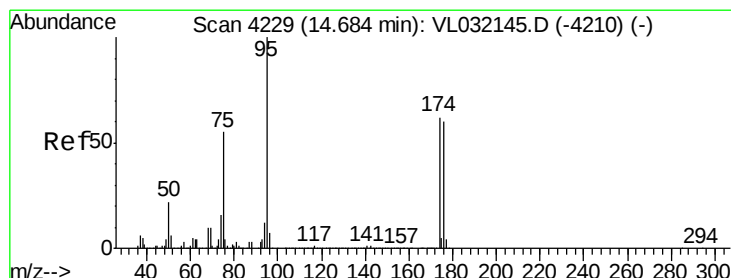
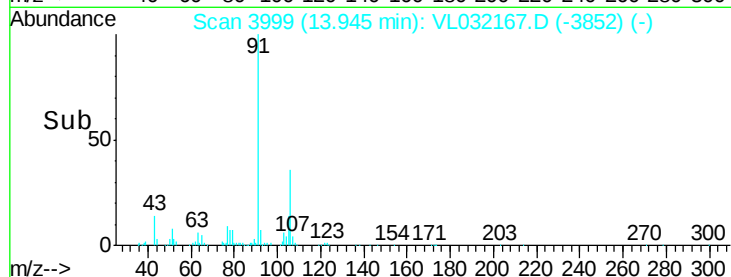
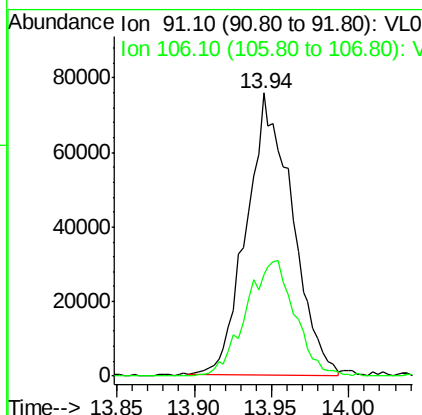
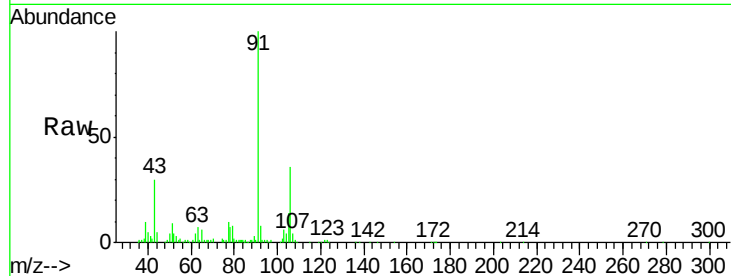




#60
o-Xylene
Concen: 0.364 ppbv
RT: 13.94 min Scan# 3999
Delta R.T. -0.03 min
Lab File: VL032167.D
Acq: 30 Jun 2018 12:32

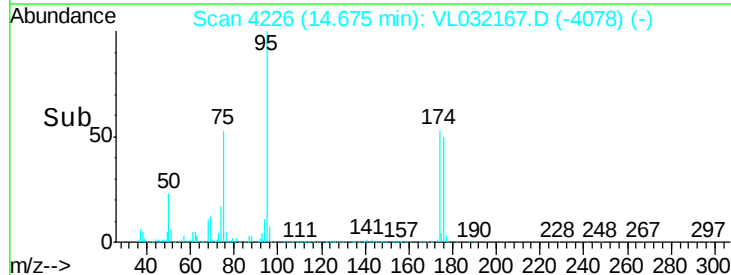
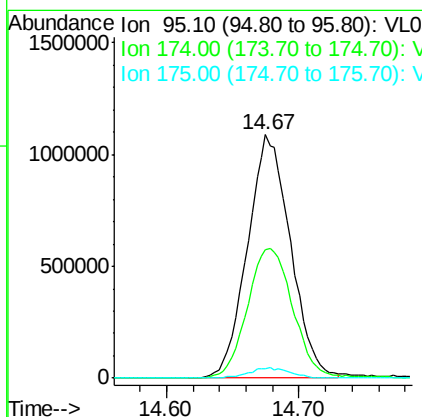
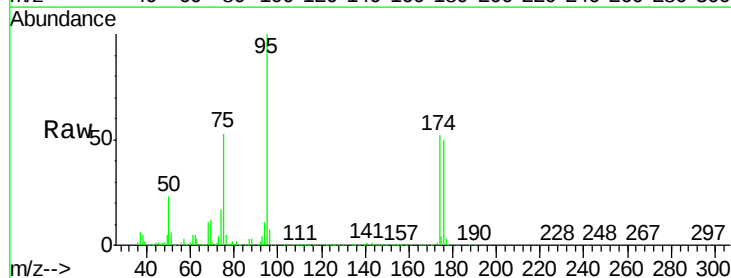
Instrument :
MSVOA_L
ClientSampleId :
RESIDENT-B-CRAWL-SPACE

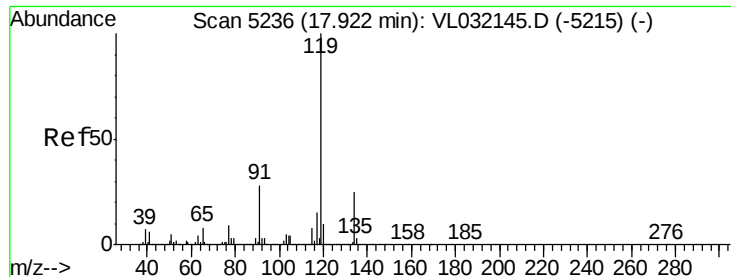
Tgt Ion: 91 Resp: 155238
Ion Ratio Lower Upper
91 100
106 44.2 23.3 69.8



#68
1-Bromo-4-Fluorobenzene
Concen: 9.694 ppbv
RT: 14.67 min Scan# 4226
Delta R.T. -0.02 min
Lab File: VL032167.D
Acq: 30 Jun 2018 12:32

Tgt Ion: 95 Resp: 2453981
Ion Ratio Lower Upper
95 100
174 56.8 52.1 78.1
175 4.2 4.0 6.0

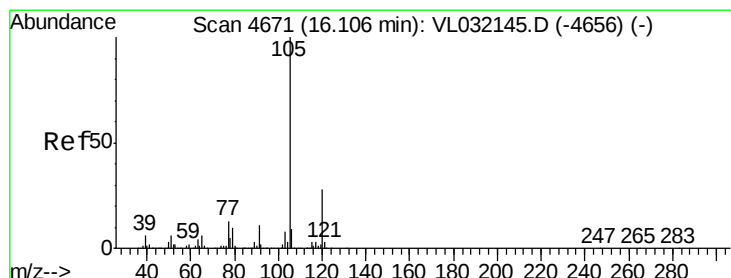
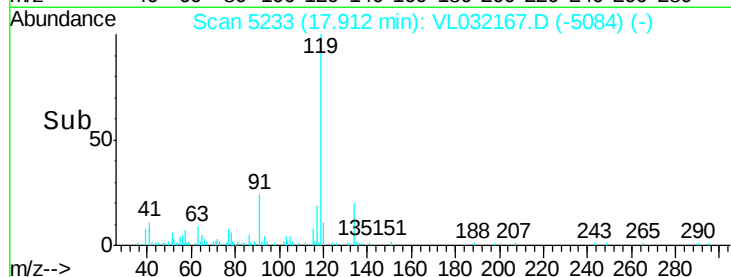
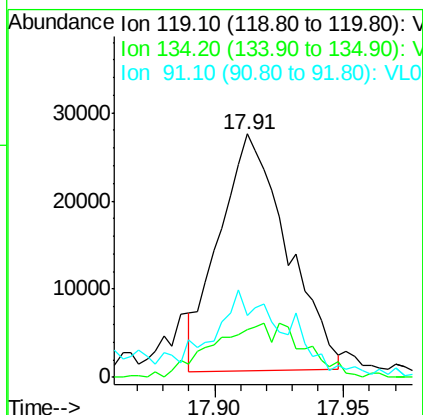
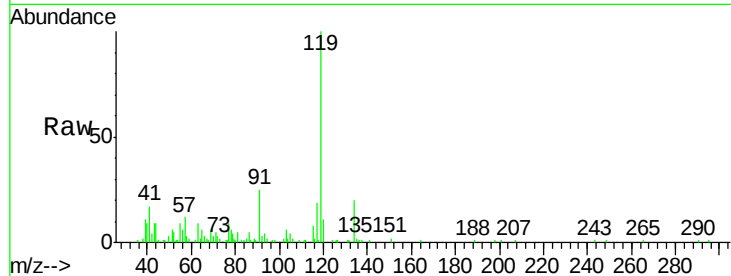




#69
p-Isopropyltoluene
Concen: 0.072 ppbv
RT: 17.91 min Scan# 5233
Delta R.T. -0.02 min
Lab File: VL032167.D
Acq: 30 Jun 2018 12:32

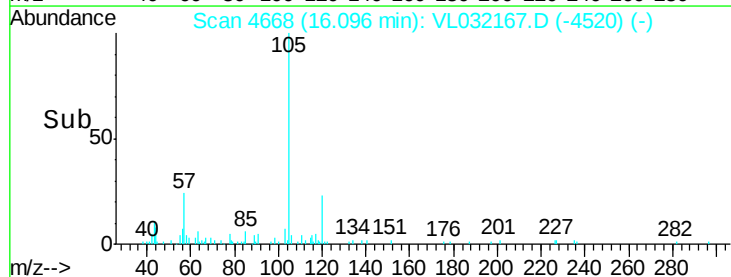
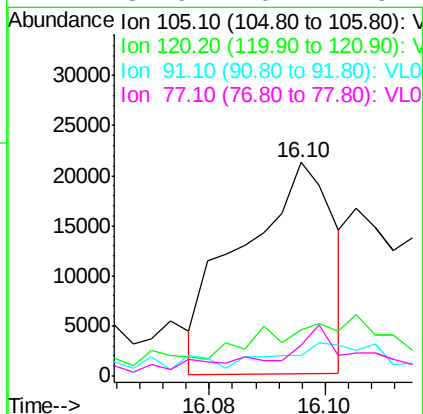
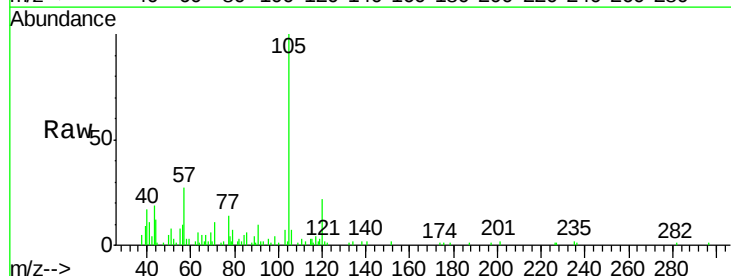
Instrument :
MSVOA_L
ClientSampleId :
RESIDENT-B-CRAWL-SPACE

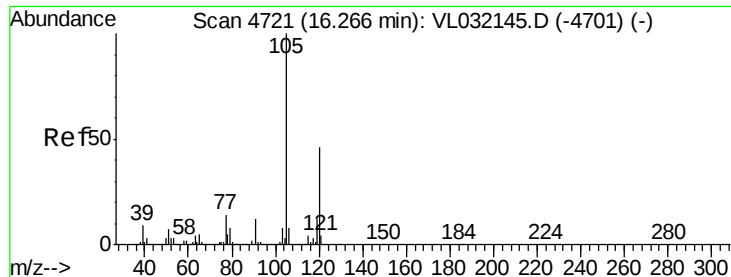
Tgt Ion:119 Resp: 49064
Ion Ratio Lower Upper
119 100
134 31.3 20.7 31.1#
91 49.2 21.8 32.8#



#72
4-Ethyltoluene
Concen: 0.042 ppbv
RT: 16.10 min Scan# 4668
Delta R.T. -0.02 min
Lab File: VL032167.D
Acq: 30 Jun 2018 12:32

Tgt Ion:105 Resp: 23268
Ion Ratio Lower Upper
105 100
120 0.0 24.3 36.5#
91 35.8 9.4 14.0#
77 31.9 10.2 15.2#





#73

1,3,5-Trimethylbenzene

Concen: 0.061 ppbv

RT: 16.26 min Scan# 4718

Delta R.T. -0.02 min

Lab File: VL032167.D

Acq: 30 Jun 2018 12:32

Instrument :

MSVOA_L

ClientSampleId :

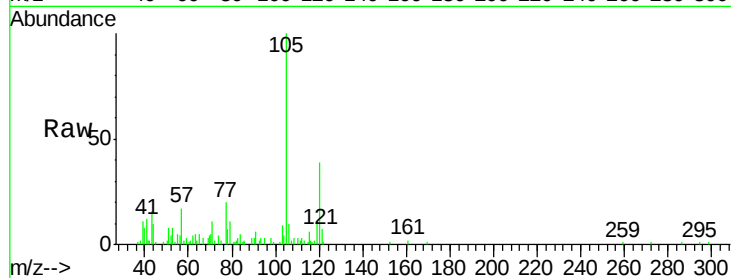
RESIDENT-B-CRAWL-SPACE

Tgt Ion:105 Resp: 31536

Ion Ratio Lower Upper

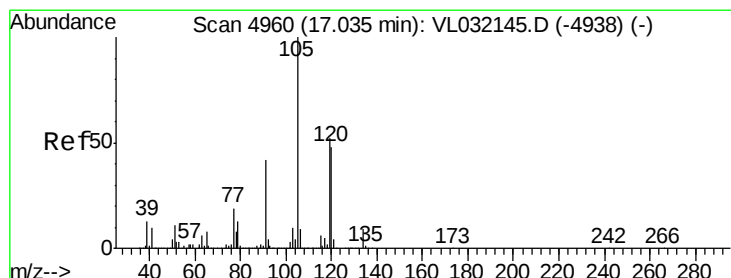
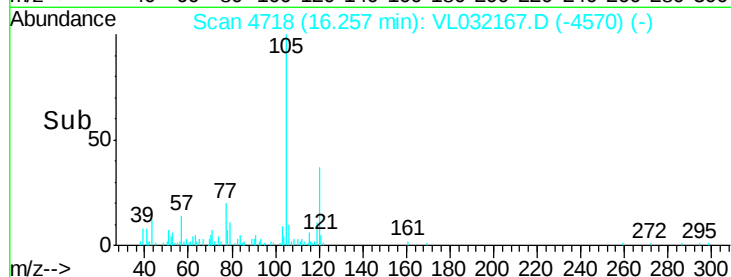
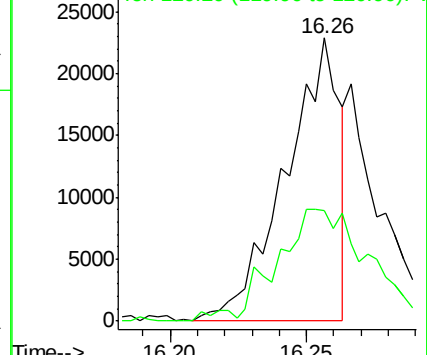
105 100

120 38.9 38.6 57.8



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V



#74

1,2,4-Trimethylbenzene

Concen: 0.166 ppbv

RT: 17.02 min Scan# 4956

Delta R.T. -0.03 min

Lab File: VL032167.D

Acq: 30 Jun 2018 12:32

Tgt Ion:105 Resp: 86830

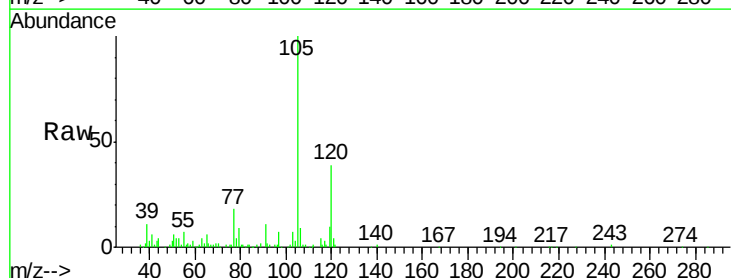
Ion Ratio Lower Upper

105 100

120 43.3 38.8 58.2

91 10.0 33.6 50.4#

77 15.9 16.0 24.0#

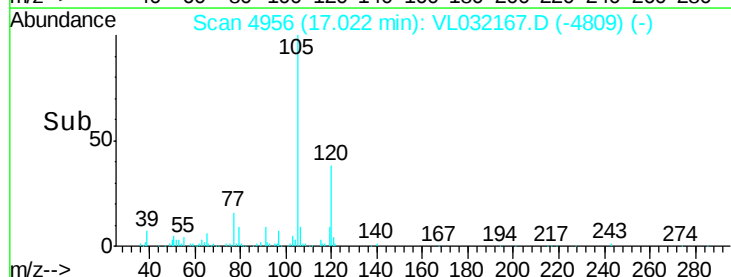
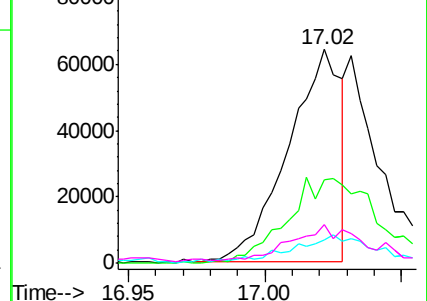


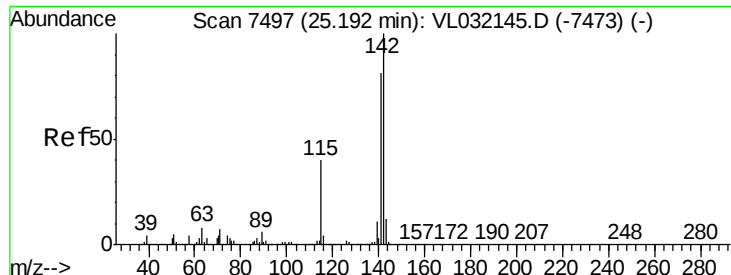
Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

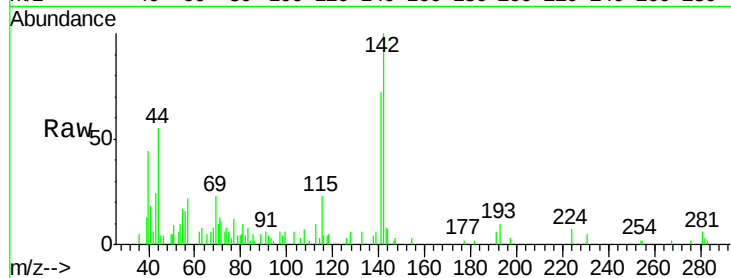




#80
 Naphthalene, 2-methyl-
 Concen: 0.080 ppbv
 RT: 25.19 min Scan# 7497
 Delta R.T. -0.01 min
 Lab File: VL032167.D
 Acq: 30 Jun 2018 12:32

Instrument :
 MSVOA_L
 ClientSampleId :
 RESIDENT-B-CRAWL-SPACE

Tgt Ion	Ratio	Lower	Upper
142	100		
141	78.4	65.8	98.6
115	44.6	29.4	44.0



Abundance

Ion 142.00 (141.70 to 142.70): V

Ion 141.00 (140.70 to 141.70): V

Ion 115.00 (114.70 to 115.70): V

