

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL062918\
 Data File : VL032171.D
 Acq On : 30 Jun 2018 15:10
 Operator : SY/AP
 Sample : J3601-08
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

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

Quant Time: Jul 02 00:51:52 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	5.85	49	1313563	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.38	114	3028492	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.34	117	3238682	10.00	ppbv	-0.02

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.68	95	2123953	8.58	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	85.80%

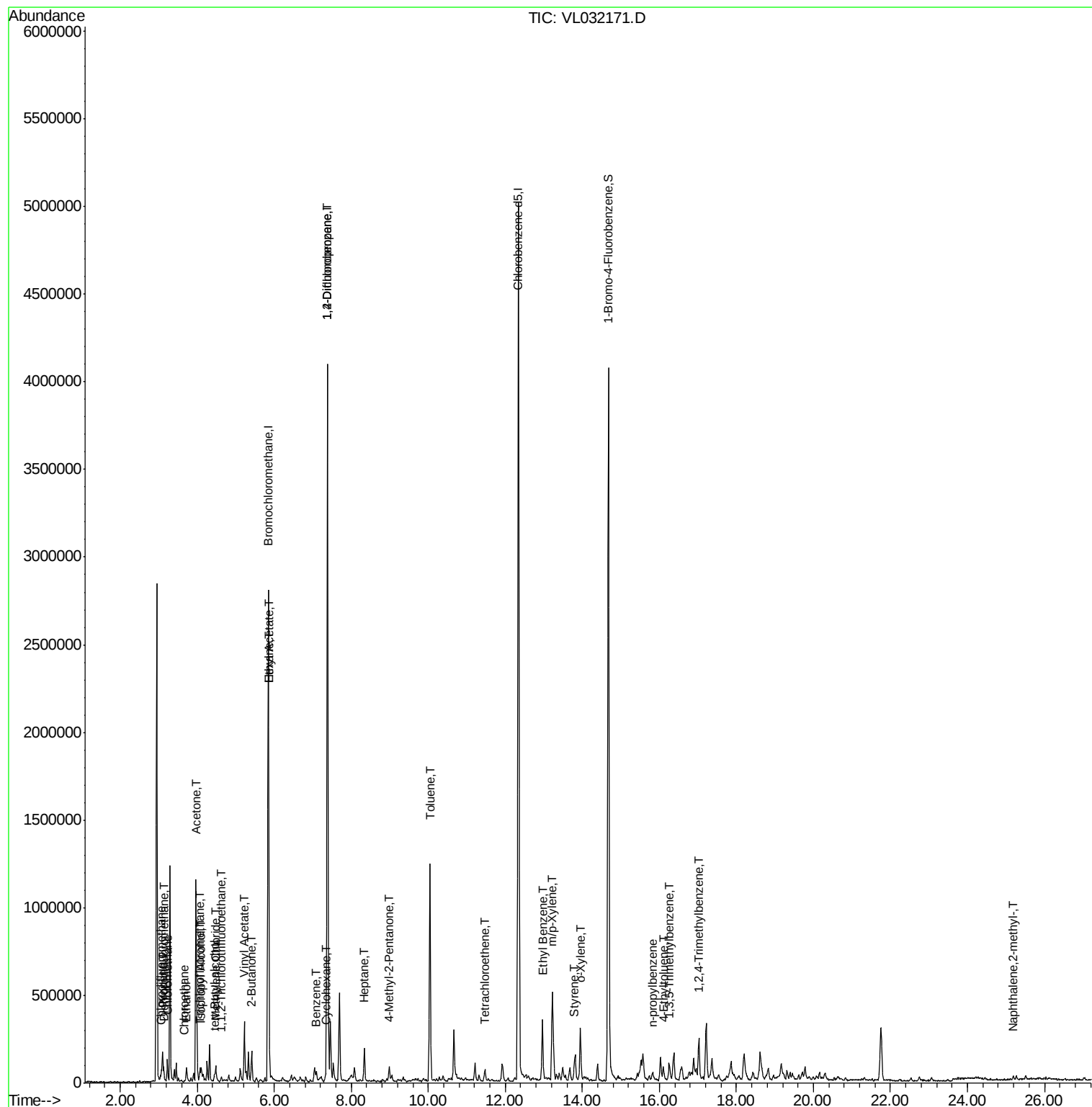
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	3.13	85	54752	0.317	ppbv	97
3) Chlorodifluoromethane	3.07	51	74307	0.463	ppbv	94
4) Chloromethane	3.23	50	99467	1.161	ppbv	93
7) Chloroethane	3.66	64	1926	0.063	ppbv #	87
9) Propene	3.10	41	22029	0.294	ppbv #	62
10) Heptane	8.34	43	75979	0.348	ppbv	93
11) Trichlorofluoromethane	4.07	101	30420	0.163	ppbv	99
12) 1,1,2-Trichlorotrifluoroet	4.63	101	8443	0.068	ppbv	95
13) Ethanol	3.72	45	90017	3.970	ppbv	98
15) Acetone	3.97	43	1191913	7.760	ppbv	93
17) tert-Butyl alcohol	4.44	59	4825	0.049	ppbv #	73
19) Isopropyl Alcohol	4.10	45	72338	0.567	ppbv #	38
20) Methylene Chloride	4.48	84	28492	0.508	ppbv	94
23) Vinyl Acetate	5.22	43	341839	1.227	ppbv #	91
25) Ethyl Acetate	5.86	43	91092	0.287	ppbv #	88
26) Hexane	5.86	57	100777	0.689	ppbv #	54
30) Cyclohexane	7.33	84	9551	0.069	ppbv #	14
34) 2-Butanone	5.41	43	190814	0.993	ppbv	100
36) Benzene	7.10	78	37774	0.129	ppbv #	83
39) 1,2-Dichloropropane	7.38	63	797204	6.896	ppbv #	27
50) 4-Methyl-2-Pentanone	8.98	43	32148	0.102	ppbv #	38
52) Tetrachloroethene	11.47	164	5088	0.048	ppbv #	78
53) Toluene	10.04	91	1000799	2.825	ppbv	100
58) Ethyl Benzene	12.97	91	322307	0.618	ppbv	89
59) m/p-Xylene	13.22	91	522664	1.249	ppbv	96
60) o-Xylene	13.95	91	130719	0.313	ppbv #	55
61) Styrene	13.79	104	15037	0.044	ppbv #	25
64) n-propylbenzene	15.82	120	5071	0.031	ppbv #	1
72) 4-Ethyltoluene	16.09	105	19462	0.036	ppbv #	55
73) 1,3,5-Trimethylbenzene	16.26	105	36031	0.071	ppbv #	81
74) 1,2,4-Trimethylbenzene	17.03	105	167116	0.326	ppbv #	72
80) Naphthalene,2-methyl-	25.19	142	10738	0.064	ppbv #	92

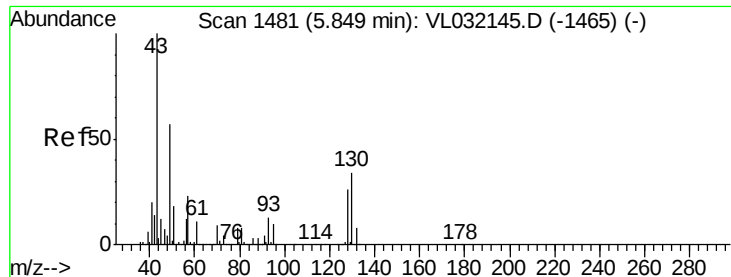
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_L\DATA\VL062918\
Data File : VL032171.D
Acq On : 30 Jun 2018 15:10
Operator : SY/AP
Sample : J3601-08
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

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

Quant Time: Jul 02 00:51:52 2018
Quant Method : Z:\V0ASRV\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





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.85 min Scan# 1480

Delta R.T. -0.02 min

Lab File: VL032171.D

Acq: 30 Jun 2018 15:10

Instrument :

MSVOA_L

ClientSampleId :

RESIDENT-C-CRAWL-SPACE

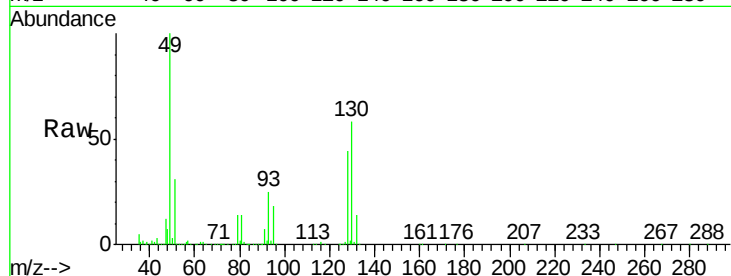
Tgt Ion: 49 Resp: 1313563

Ion Ratio Lower Upper

49 100

128 45.6 23.4 70.0

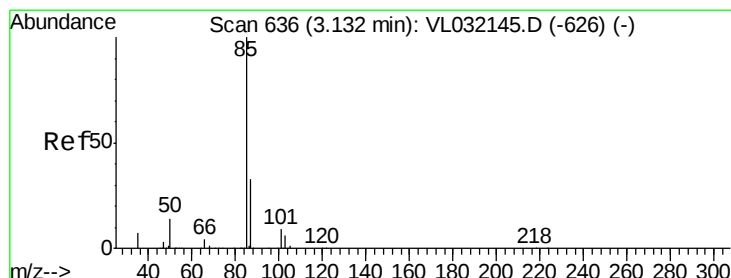
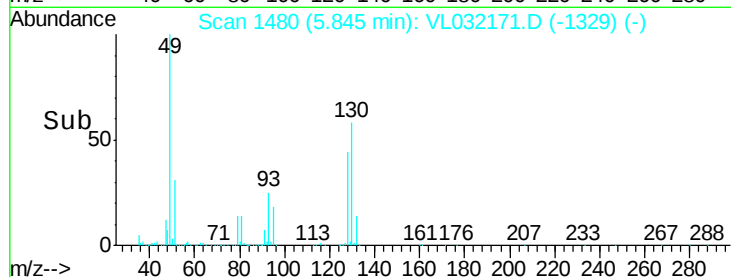
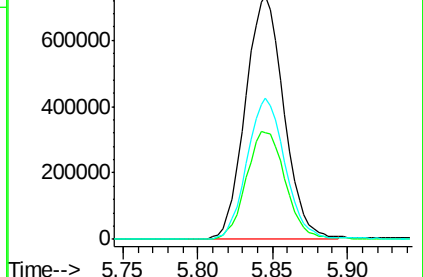
130 58.1 30.3 90.9



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: 0.317 ppbv

RT: 3.13 min Scan# 637

Delta R.T. -0.01 min

Lab File: VL032171.D

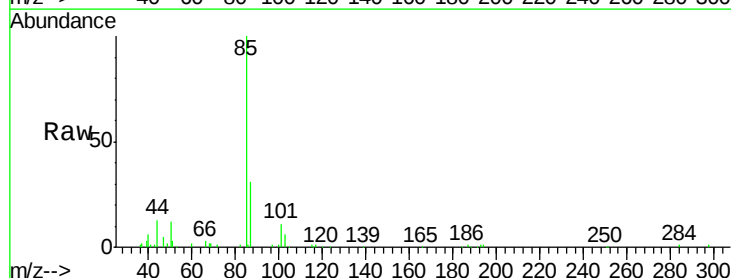
Acq: 30 Jun 2018 15:10

Tgt Ion: 85 Resp: 54752

Ion Ratio Lower Upper

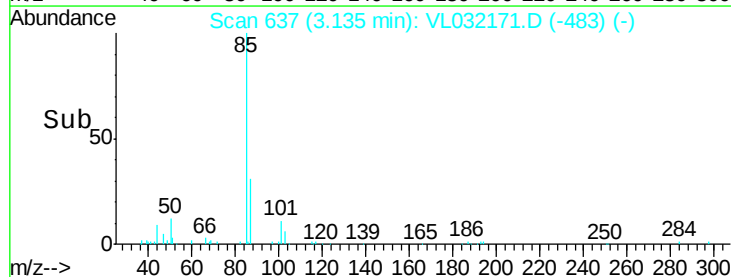
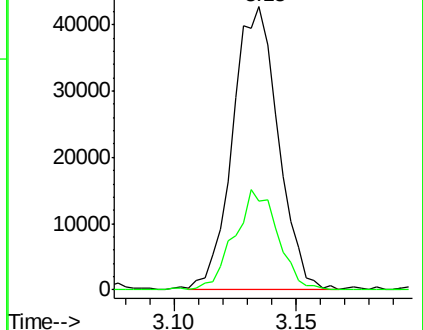
85 100

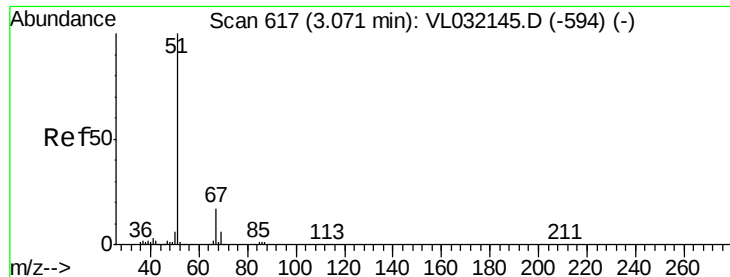
87 31.5 26.7 40.1



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 0.463 ppbv

RT: 3.07 min Scan# 616

Delta R.T. -0.01 min

Lab File: VL032171.D

Acq: 30 Jun 2018 15:10

Instrument :

MSVOA_L

ClientSampleId :

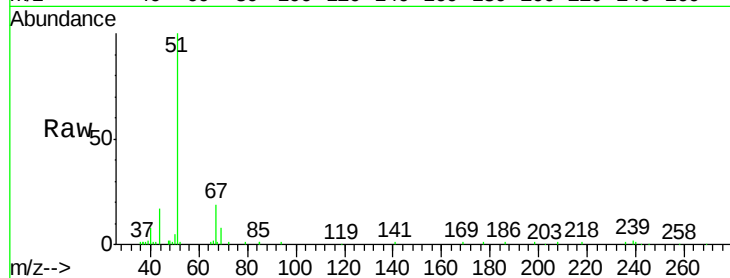
RESIDENT-C-CRAWL-SPACE

Tgt Ion: 51 Resp: 74307

Ion Ratio Lower Upper

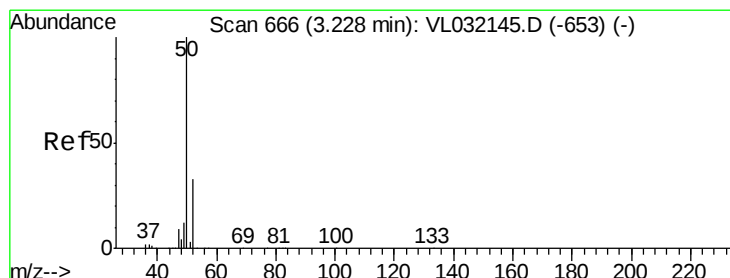
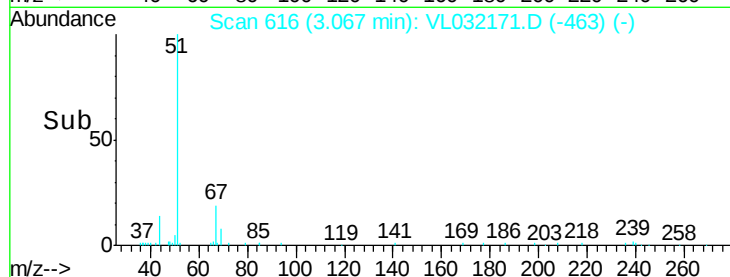
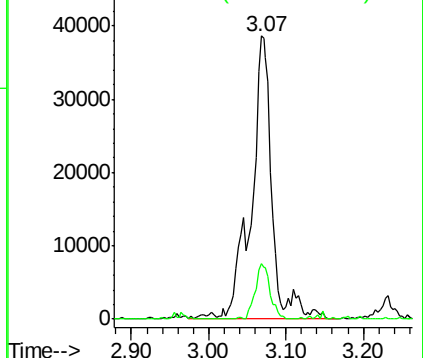
51 100

67 14.0 13.2 19.8



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



#4

Chloromethane

Concen: 1.161 ppbv

RT: 3.23 min Scan# 666

Delta R.T. -0.01 min

Lab File: VL032171.D

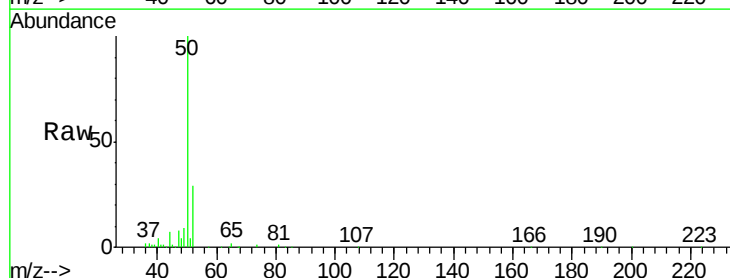
Acq: 30 Jun 2018 15:10

Tgt Ion: 50 Resp: 99467

Ion Ratio Lower Upper

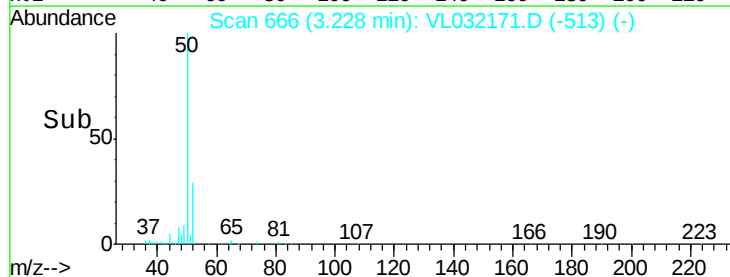
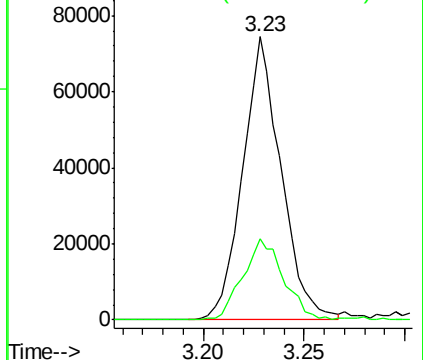
50 100

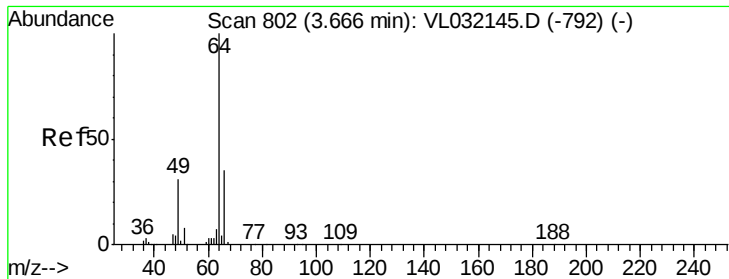
52 28.6 26.0 39.0



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#7

Chloroethane

Concen: 0.063 ppbv

RT: 3.66 min Scan# 800

Delta R.T. -0.01 min

Lab File: VL032171.D

Acq: 30 Jun 2018 15:10

Instrument :

MSVOA_L

ClientSampleId :

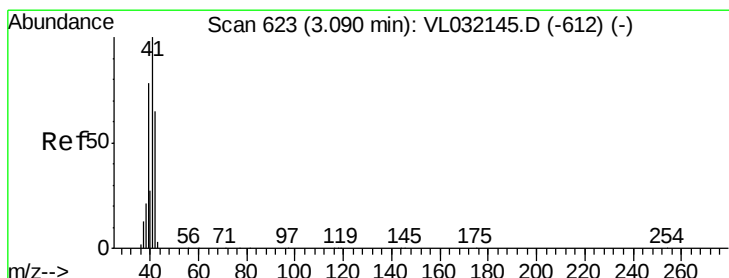
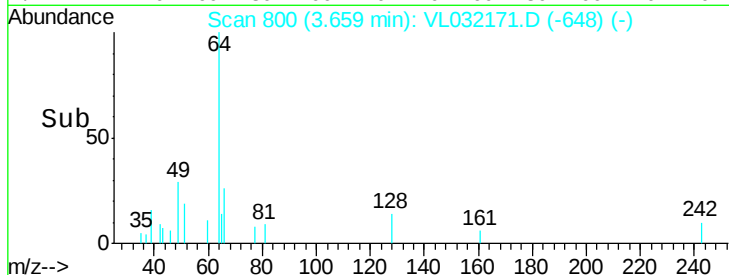
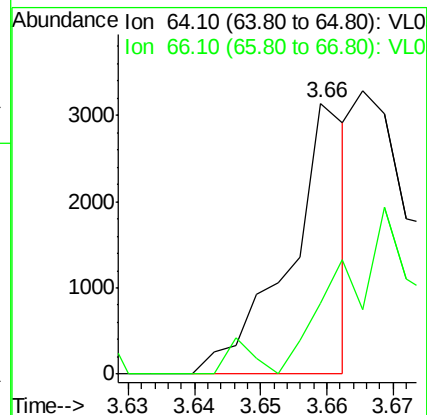
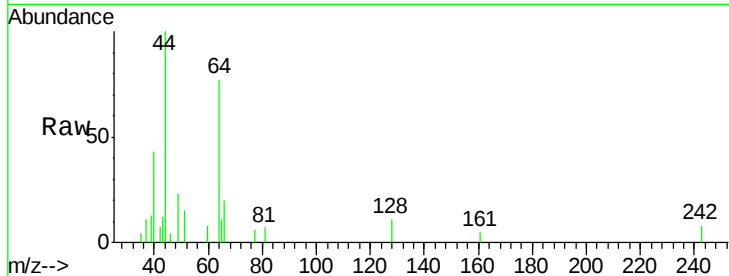
RESIDENT-C-CRAWL-SPACE

Tgt Ion: 64 Resp: 1926

Ion Ratio Lower Upper

64 100

66 26.1 26.9 40.3#



#9

Propene

Concen: 0.294 ppbv

RT: 3.10 min Scan# 625

Delta R.T. -0.00 min

Lab File: VL032171.D

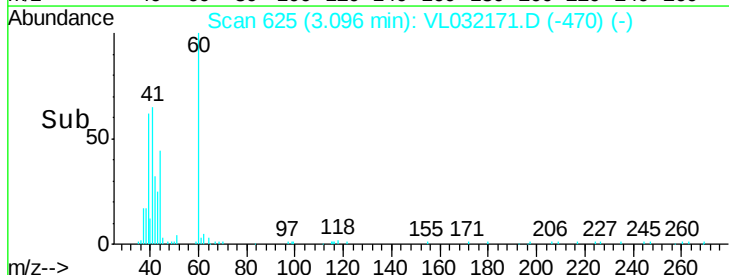
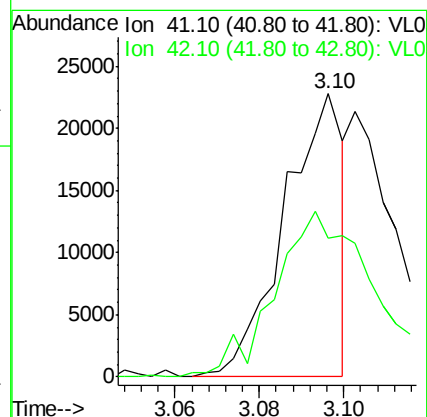
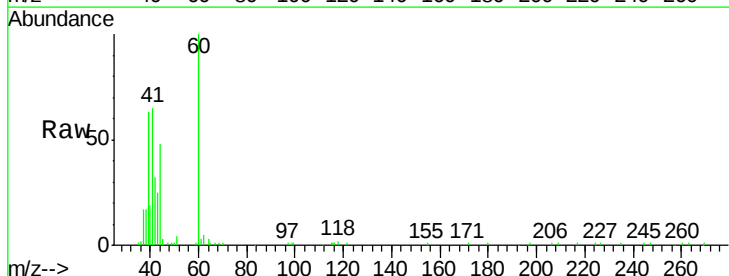
Acq: 30 Jun 2018 15:10

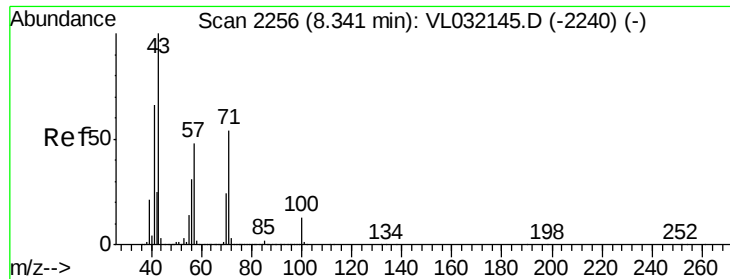
Tgt Ion: 41 Resp: 22029

Ion Ratio Lower Upper

41 100

42 101.6 56.2 84.4#





#10

Heptane

Concen: 0.348 ppbv

RT: 8.34 min Scan# 2256

Delta R.T. -0.02 min

Lab File: VL032171.D

Acq: 30 Jun 2018 15:10

Instrument :

MSVOA_L

ClientSampleId :

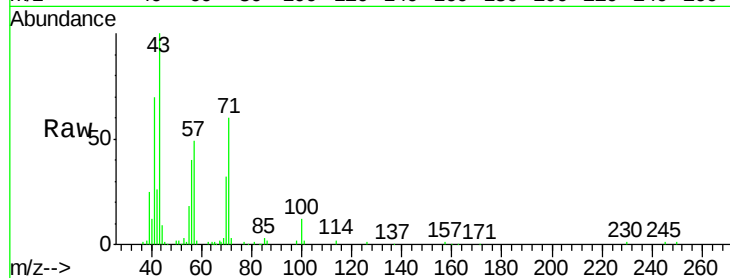
RESIDENT-C-CRAWL-SPACE

Tgt Ion: 43 Resp: 75979

Ion Ratio Lower Upper

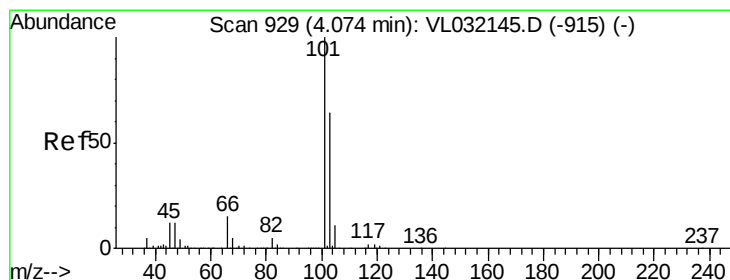
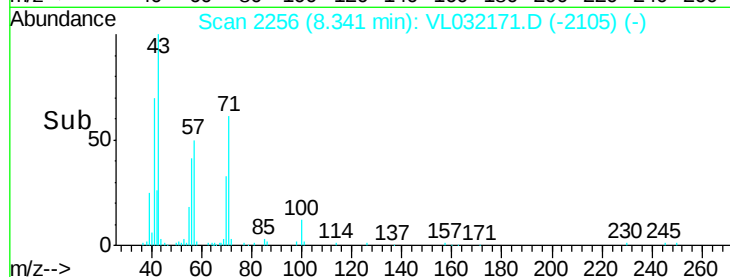
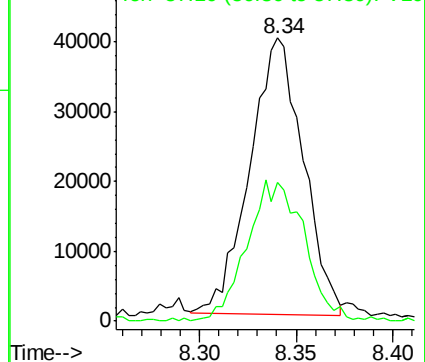
43 100

57 54.7 39.8 59.8



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 57.10 (56.80 to 57.80): VL0



#11

Trichlorofluoromethane

Concen: 0.163 ppbv

RT: 4.07 min Scan# 928

Delta R.T. -0.01 min

Lab File: VL032171.D

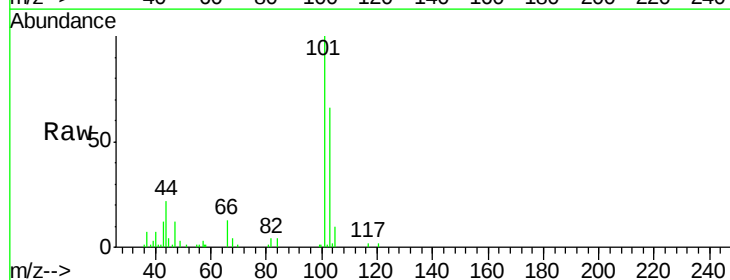
Acq: 30 Jun 2018 15:10

Tgt Ion: 101 Resp: 30420

Ion Ratio Lower Upper

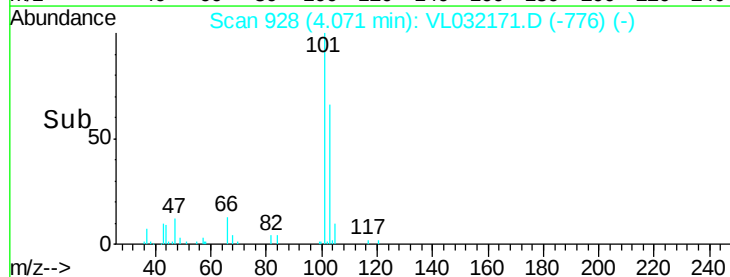
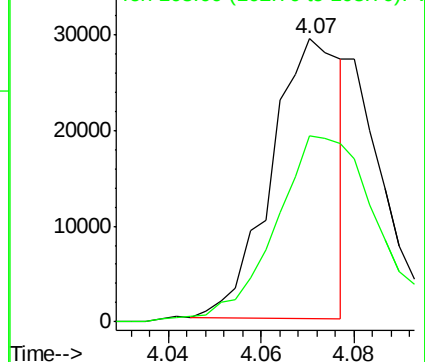
101 100

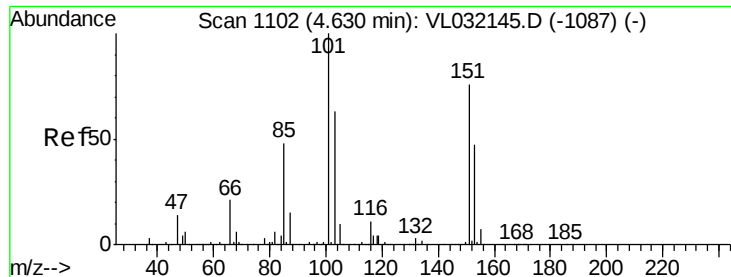
103 64.8 51.4 77.0



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V

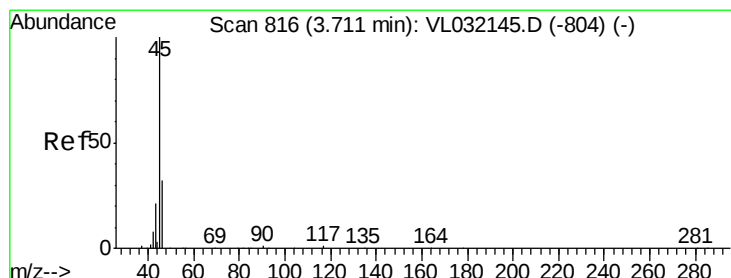
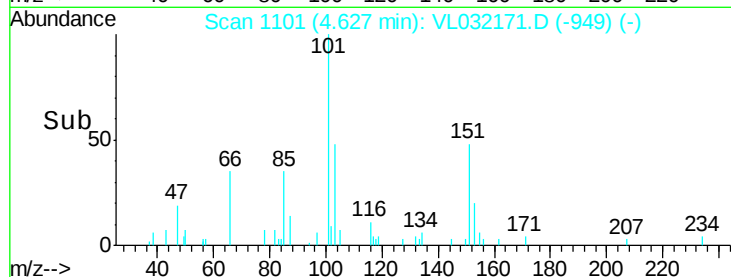
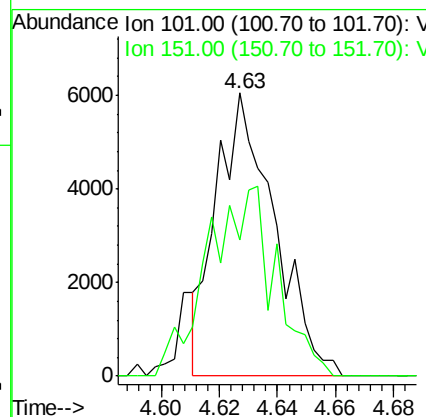
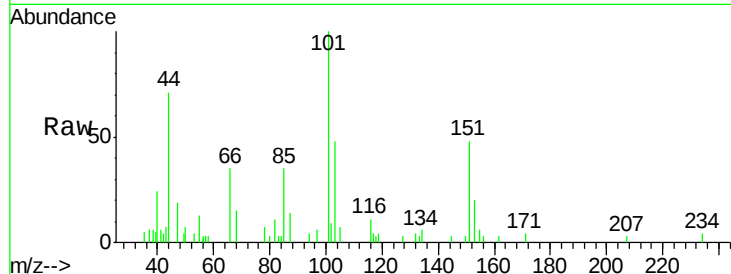




#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.068 ppbv
 RT: 4.63 min Scan# 1101
 Delta R.T. -0.01 min
 Lab File: VL032171.D
 Acq: 30 Jun 2018 15:10

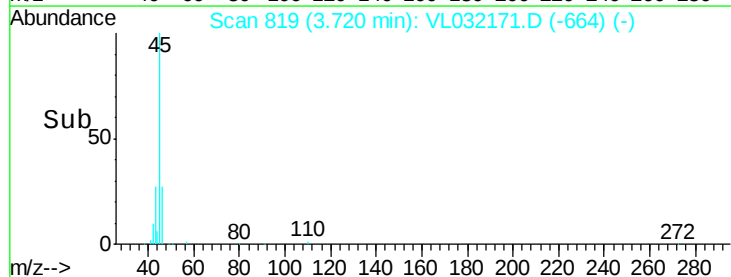
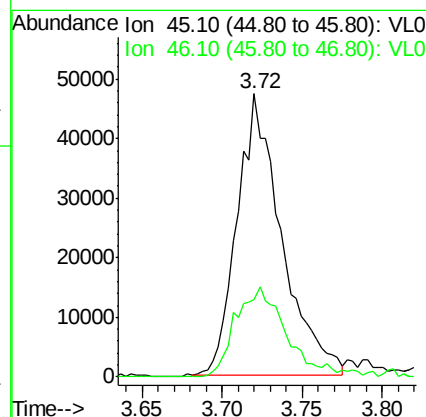
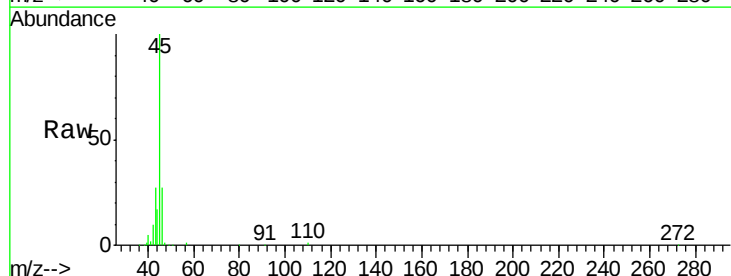
Instrument :
 MSVOA_L
 ClientSampleId :
 RESIDENT-C-CRAWL-SPACE

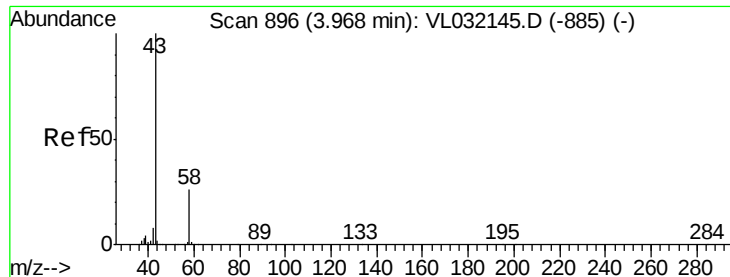
Tgt Ion:101 Resp: 8443
 Ion Ratio Lower Upper
 101 100
 151 77.8 58.8 88.2



#13
 Ethanol
 Concen: 3.970 ppbv
 RT: 3.72 min Scan# 819
 Delta R.T. -0.00 min
 Lab File: VL032171.D
 Acq: 30 Jun 2018 15:10

Tgt Ion: 45 Resp: 90017
 Ion Ratio Lower Upper
 45 100
 46 37.8 14.6 58.4





#15

Acetone

Concen: 7.760 ppbv

RT: 3.97 min Scan# 896

Delta R.T. -0.01 min

Lab File: VL032171.D

Acq: 30 Jun 2018 15:10

Instrument :

MSVOA_L

ClientSampleId :

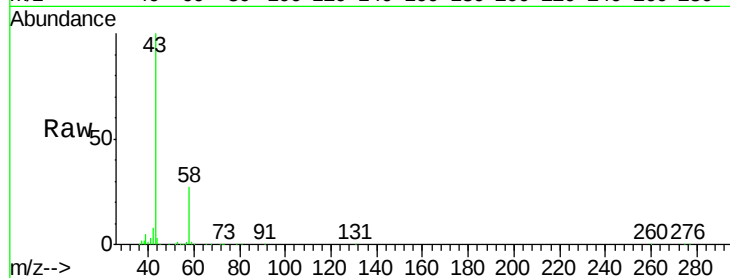
RESIDENT-C-CRAWL-SPACE

Tgt Ion: 43 Resp: 1191913

Ion Ratio Lower Upper

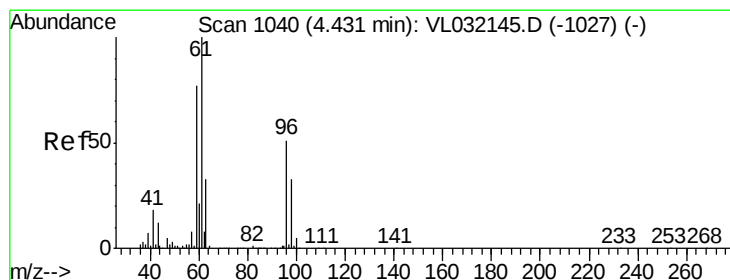
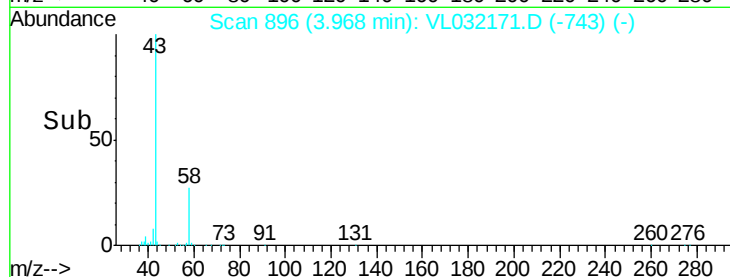
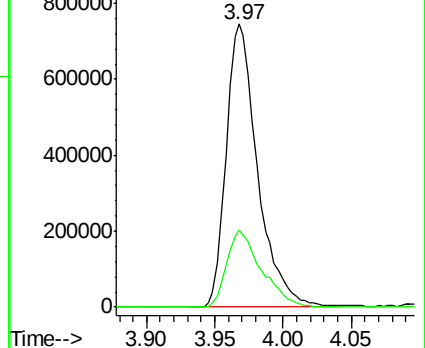
43 100

58 30.2 21.4 32.0



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



#17

tert-Butyl alcohol

Concen: 0.049 ppbv

RT: 4.44 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VL032171.D

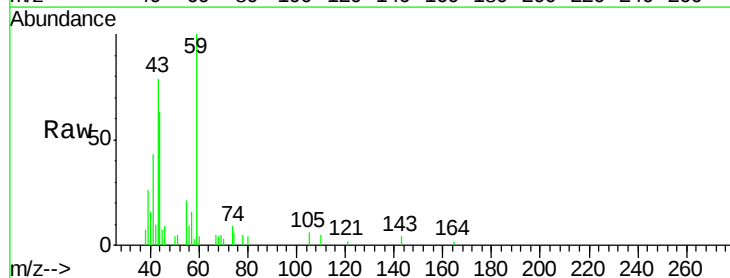
Acq: 30 Jun 2018 15:10

Tgt Ion: 59 Resp: 4825

Ion Ratio Lower Upper

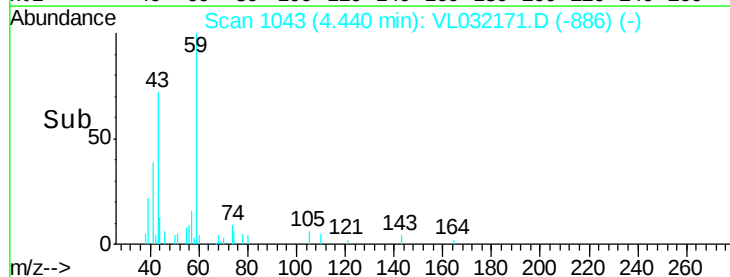
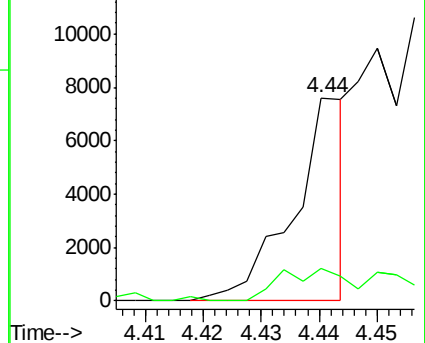
59 100

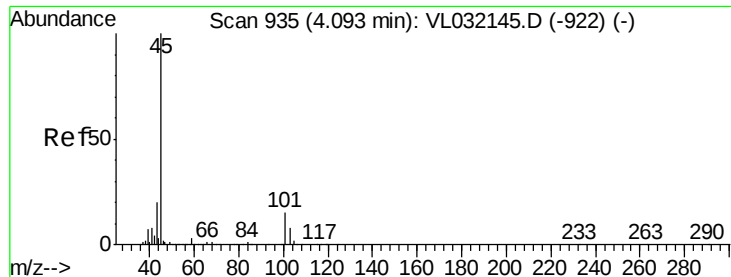
57 0.0 8.2 12.2#



Abundance Ion 59.10 (58.80 to 59.80): VL0

Ion 57.10 (56.80 to 57.80): VL0





#19

Isopropyl Alcohol

Concen: 0.567 ppbv

RT: 4.10 min Scan# 938

Delta R.T. 0.00 min

Lab File: VL032171.D

Acq: 30 Jun 2018 15:10

Instrument :

MSVOA_L

ClientSampleId :

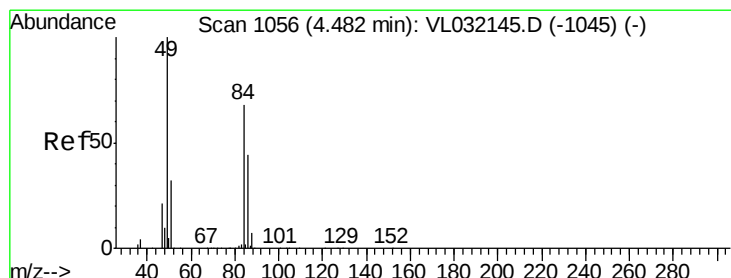
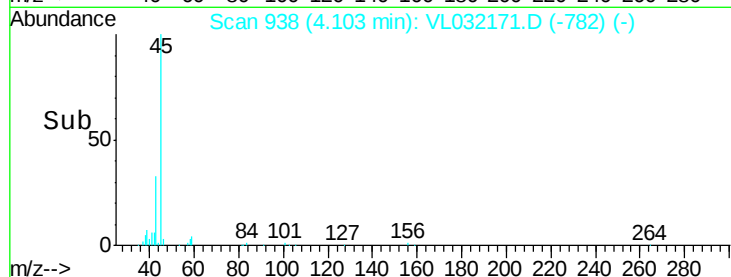
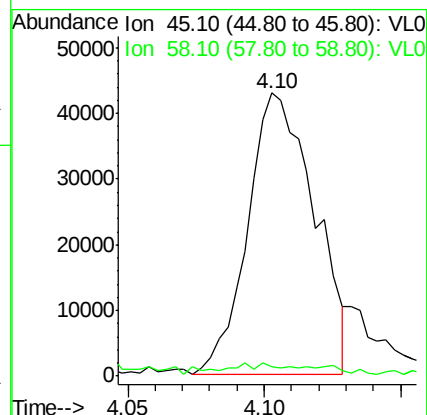
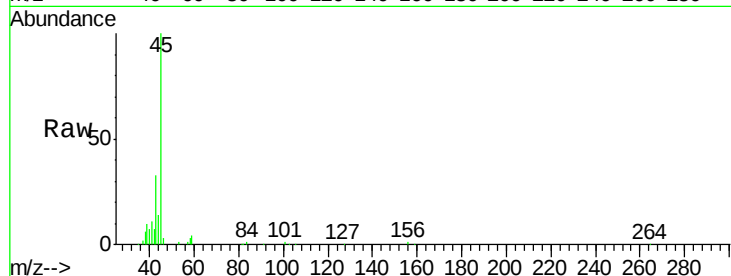
RESIDENT-C-CRAWL-SPACE

Tgt Ion: 45 Resp: 72338

Ion Ratio Lower Upper

45 100

58 0.0 29.4 44.0#



#20

Methylene Chloride

Concen: 0.508 ppbv

RT: 4.48 min Scan# 1056

Delta R.T. -0.01 min

Lab File: VL032171.D

Acq: 30 Jun 2018 15:10

Tgt Ion: 84 Resp: 28492

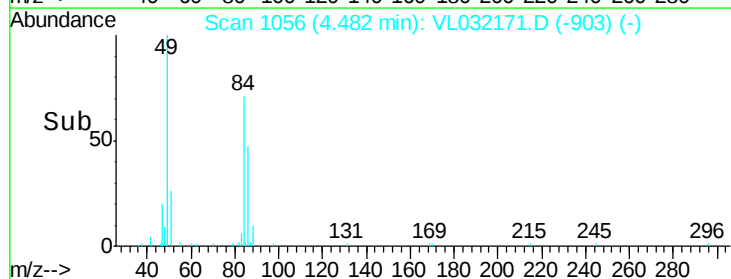
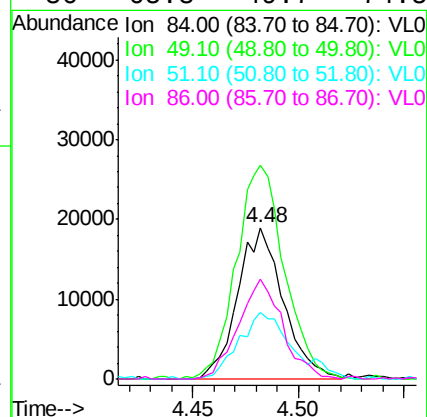
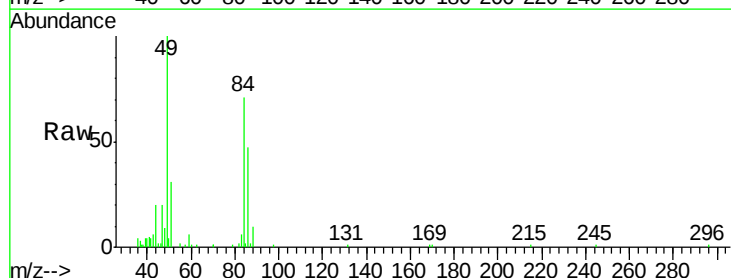
Ion Ratio Lower Upper

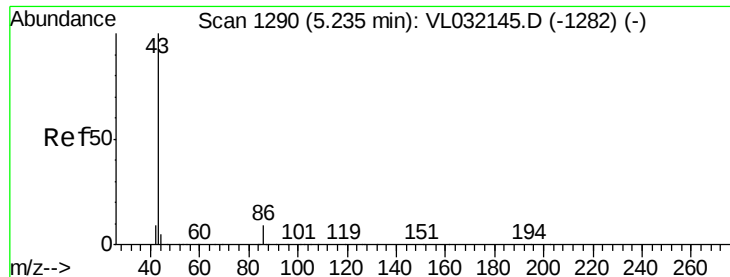
84 100

49 140.2 119.6 179.4

51 44.1 36.3 54.5

86 65.8 49.7 74.5





#23

Vinyl Acetate

Concen: 1.227 ppbv

RT: 5.22 min Scan# 1287

Delta R.T. -0.02 min

Lab File: VL032171.D

Acq: 30 Jun 2018 15:10

Instrument :

MSVOA_L

ClientSampleId :

RESIDENT-C-CRAWL-SPACE

Tgt Ion: 43 Resp: 341839

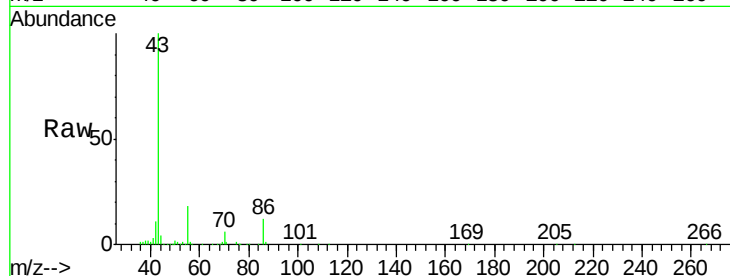
Ion Ratio Lower Upper

43 100

86 12.4 6.2 9.4#

42 11.3 6.9 10.3#

44 2.8 3.8 5.8#

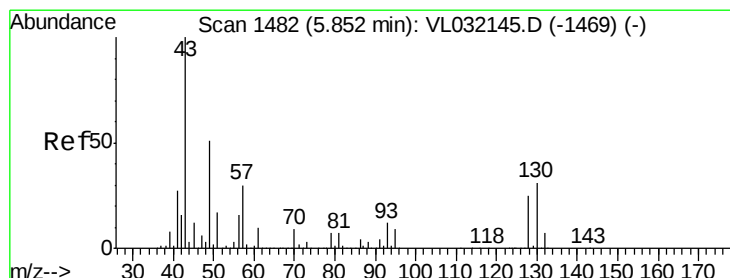
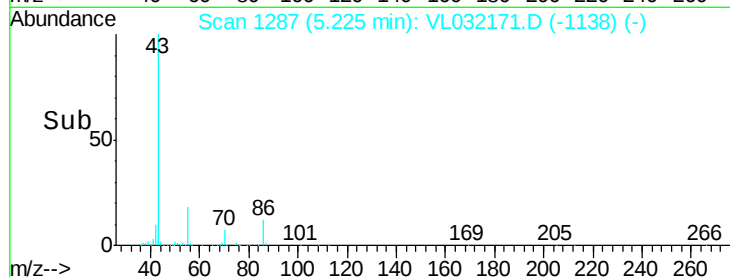
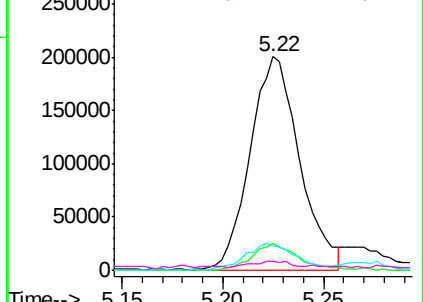


Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 86.10 (85.80 to 86.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

Ion 44.10 (43.80 to 44.80): VL0



#25

Ethyl Acetate

Concen: 0.287 ppbv

RT: 5.86 min Scan# 1486

Delta R.T. 0.00 min

Lab File: VL032171.D

Acq: 30 Jun 2018 15:10

Tgt Ion: 43 Resp: 91092

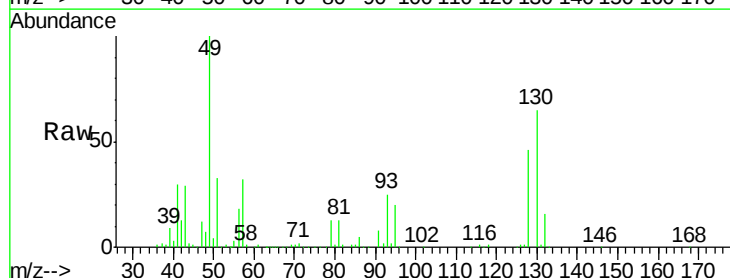
Ion Ratio Lower Upper

43 100

45 6.0 7.8 11.8#

61 4.0 7.4 11.0#

70 4.0 6.1 9.1#

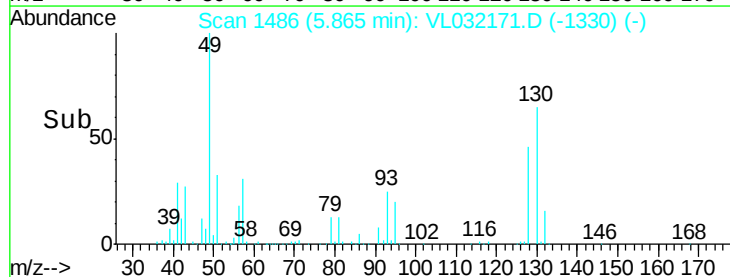
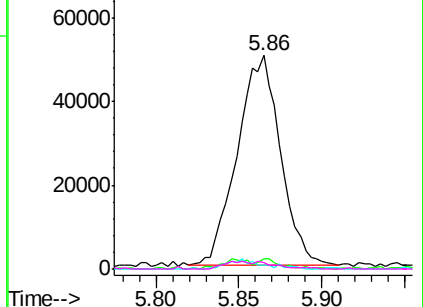


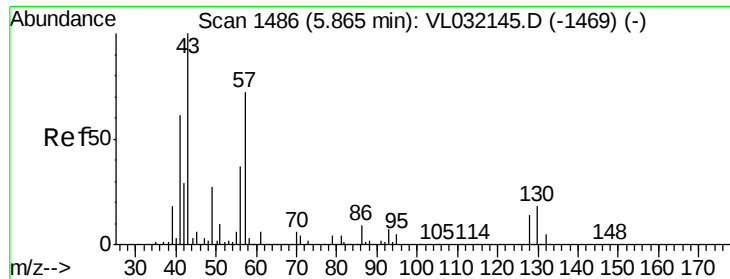
Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 45.10 (44.80 to 45.80): VL0

Ion 61.10 (60.80 to 61.80): VL0

Ion 70.10 (69.80 to 70.80): VL0

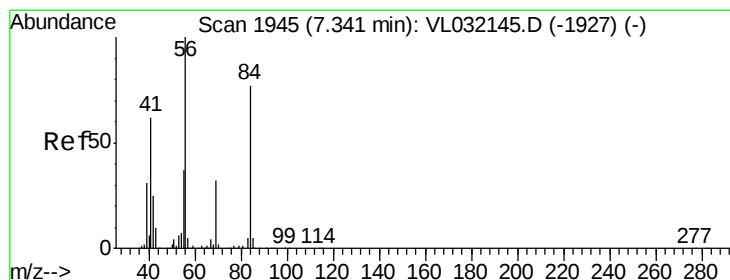
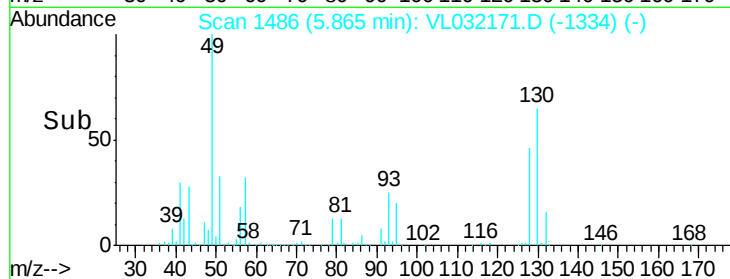
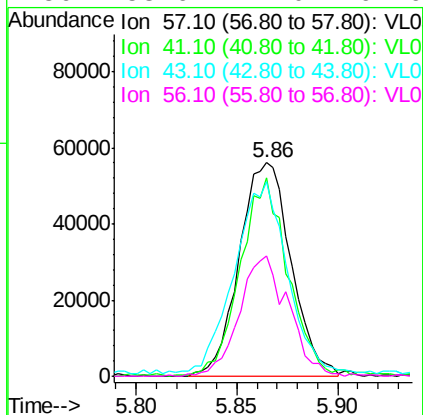
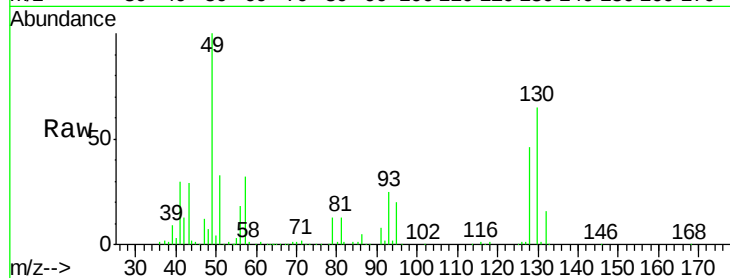




#26
Hexane
Concen: 0.689 ppbv
RT: 5.86 min Scan# 1486
Delta R.T. -0.01 min
Lab File: VL032171.D
Acq: 30 Jun 2018 15:10

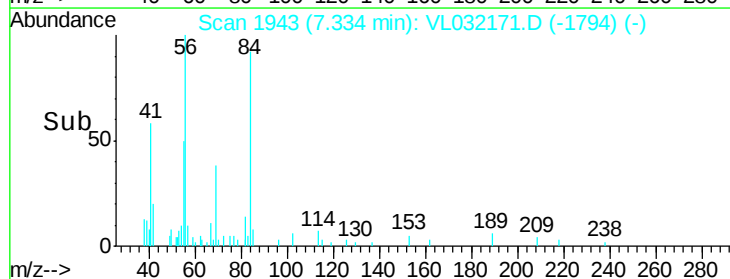
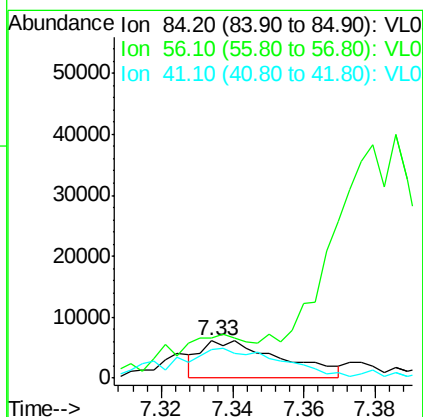
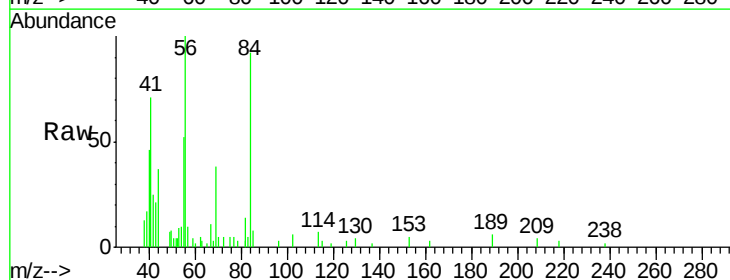
Instrument :
MSVOA_L
ClientSampleId :
RESIDENT-C-CRAWL-SPACE

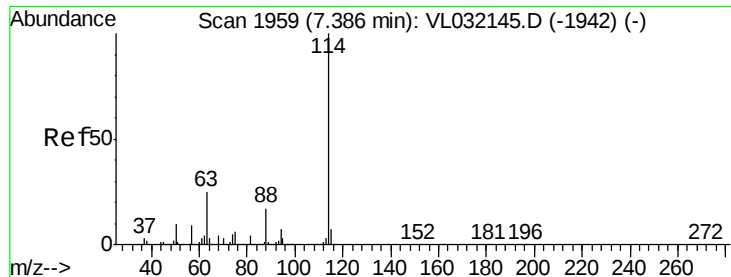
Tgt Ion: 57 Resp: 100777
Ion Ratio Lower Upper
57 100
41 87.4 68.6 103.0
43 93.5 168.6 252.8#
56 53.6 41.0 61.6



#30
Cyclohexane
Concen: 0.069 ppbv
RT: 7.33 min Scan# 1943
Delta R.T. -0.02 min
Lab File: VL032171.D
Acq: 30 Jun 2018 15:10

Tgt Ion: 84 Resp: 9551
Ion Ratio Lower Upper
84 100
56 0.0 109.1 163.7#
41 116.5 64.6 96.8#

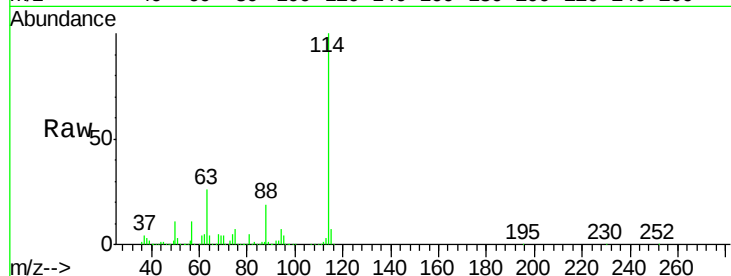




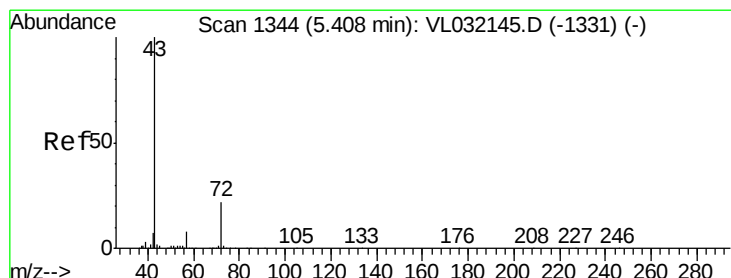
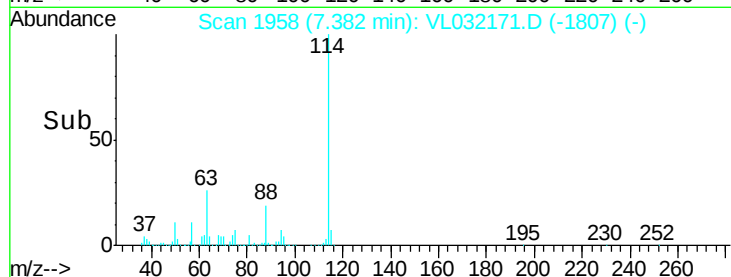
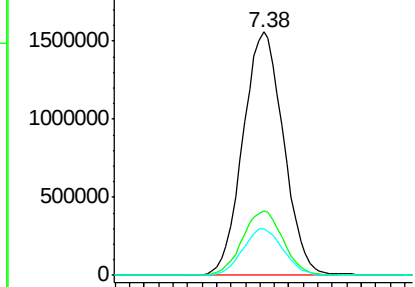
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.38 min Scan# 1958
 Delta R.T. -0.02 min
 Lab File: VL032171.D
 Acq: 30 Jun 2018 15:10

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

Tgt Ion: 114 Resp: 3028492
 Ion Ratio Lower Upper
 114 100
 63 26.6 19.1 28.7
 88 19.2 13.9 20.9

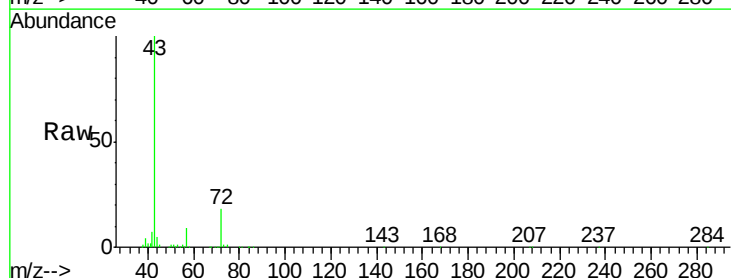


Abundance Ion 114.10 (113.80 to 114.80): V
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

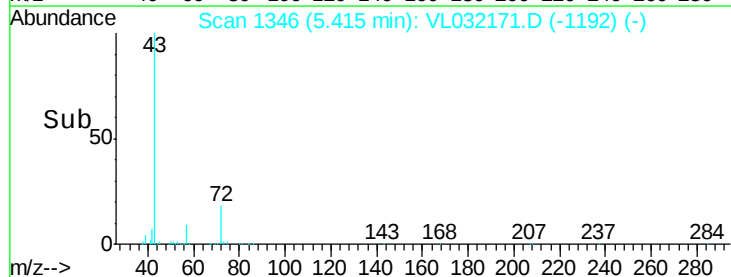
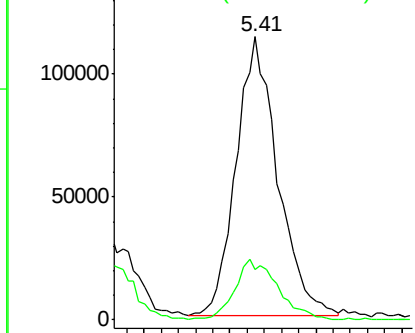


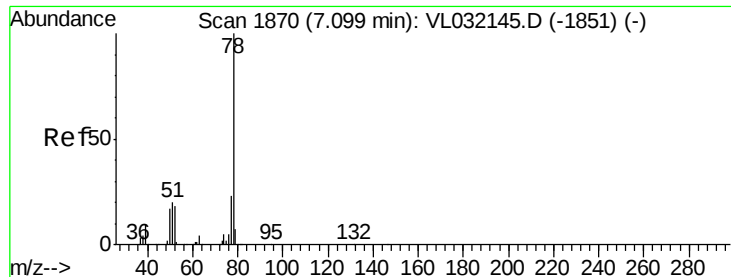
#34
 2-Butanone
 Concen: 0.993 ppbv
 RT: 5.41 min Scan# 1346
 Delta R.T. -0.01 min
 Lab File: VL032171.D
 Acq: 30 Jun 2018 15:10

Tgt Ion: 43 Resp: 190814
 Ion Ratio Lower Upper
 43 100
 72 22.9 18.4 27.6



Abundance Ion 43.10 (42.80 to 43.80): VL0
 Ion 72.10 (71.80 to 72.80): VL0

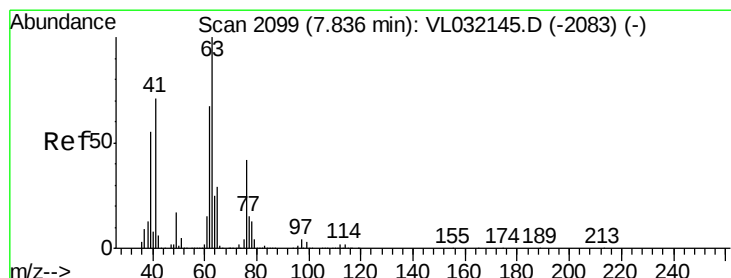
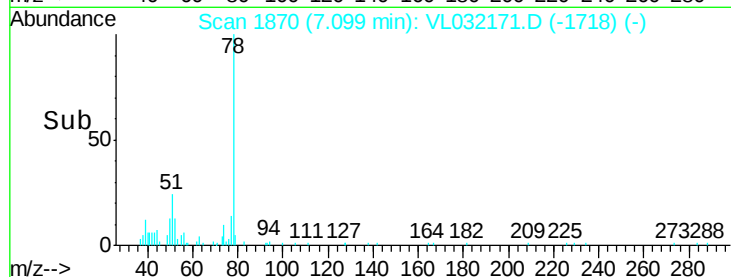
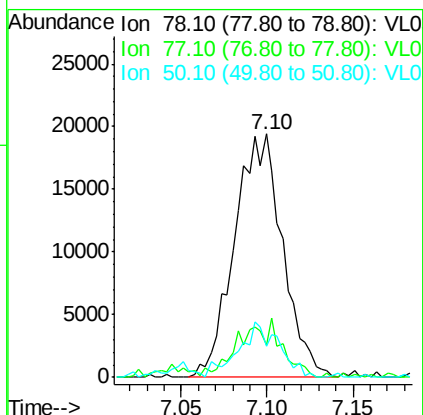
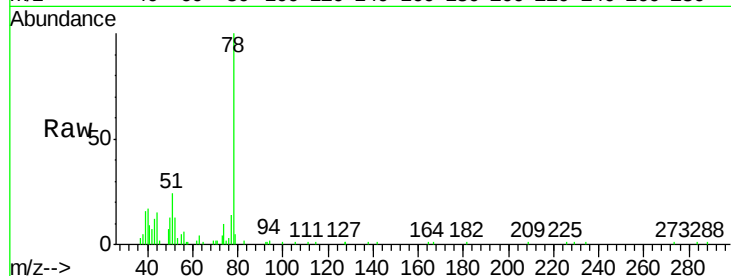




#36
Benzene
Concen: 0.129 ppbv
RT: 7.10 min Scan# 1870
Delta R.T. -0.01 min
Lab File: VL032171.D
Acq: 30 Jun 2018 15:10

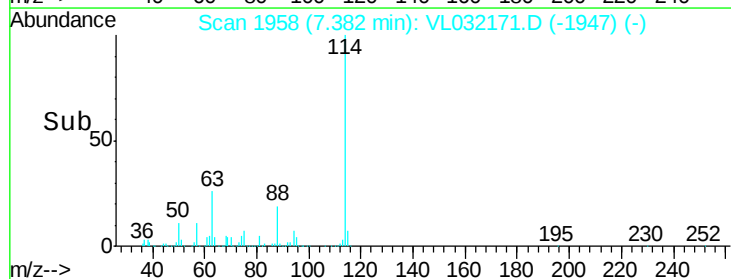
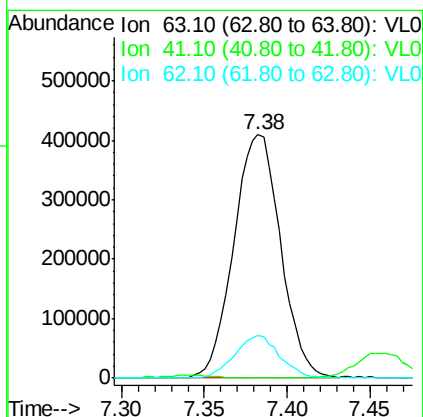
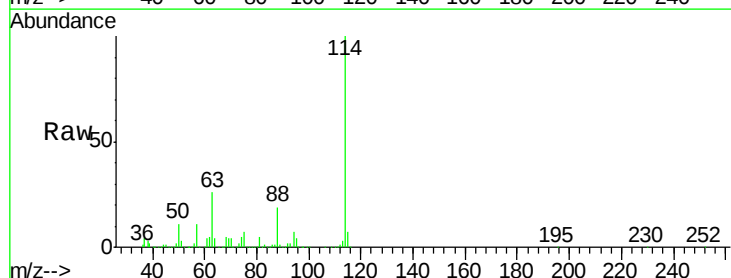
Instrument :
MSVOA_L
ClientSampleId :
RESIDENT-C-CRAWL-SPACE

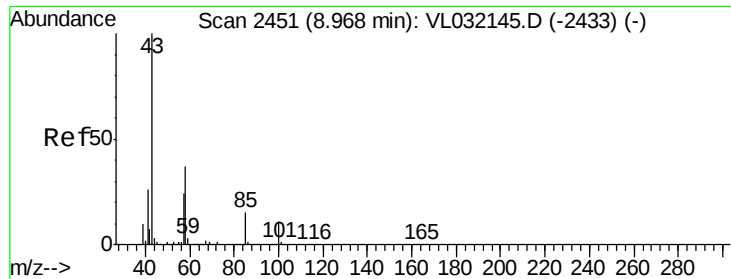
Tgt Ion: 78 Resp: 37774
Ion Ratio Lower Upper
78 100
77 13.5 17.7 26.5#
50 10.7 14.0 21.0#



#39
1,2-Dichloropropane
Concen: 6.896 ppbv
RT: 7.38 min Scan# 1958
Delta R.T. -0.47 min
Lab File: VL032171.D
Acq: 30 Jun 2018 15:10

Tgt Ion: 63 Resp: 797204
Ion Ratio Lower Upper
63 100
41 0.0 53.3 79.9#
62 17.5 54.8 82.2#

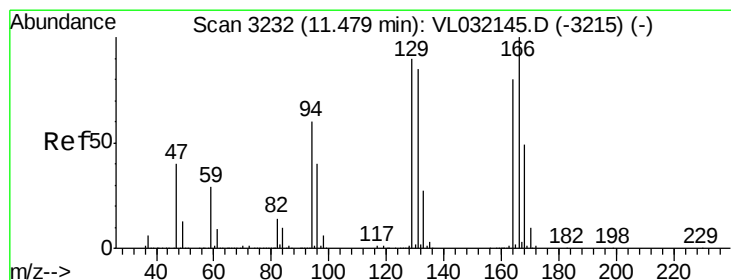
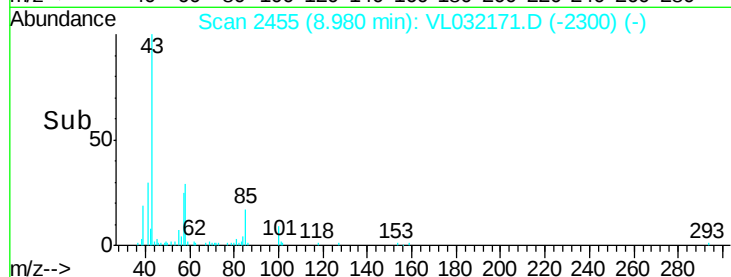
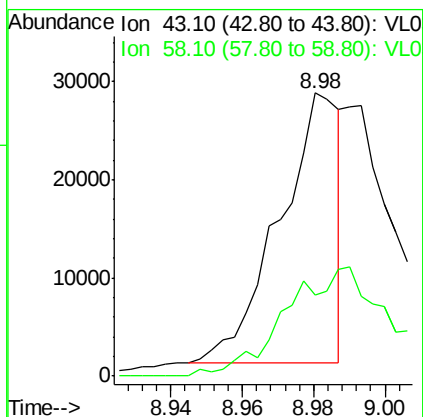
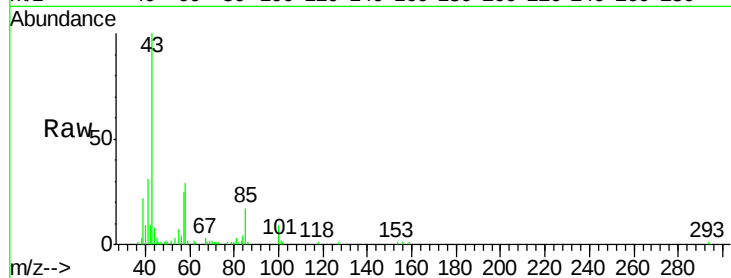




#50
4-Methyl-2-Pentanone
Concen: 0.102 ppbv
RT: 8.98 min Scan# 2455
Delta R.T. -0.00 min
Lab File: VL032171.D
Acq: 30 Jun 2018 15:10

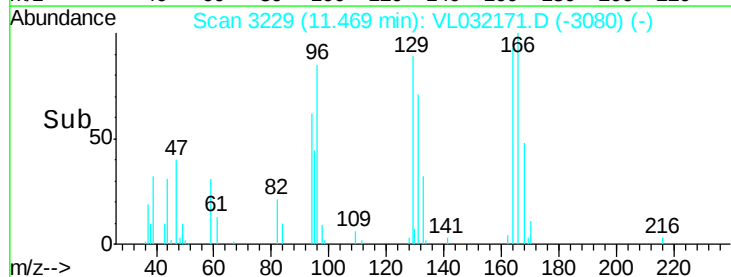
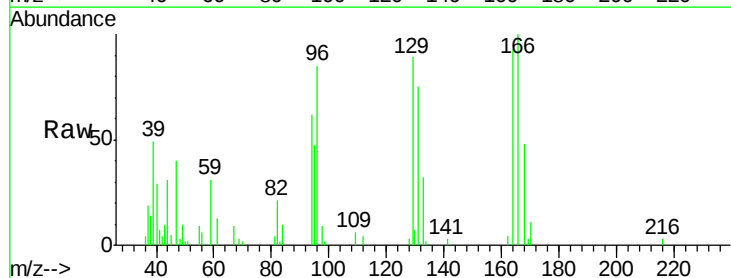
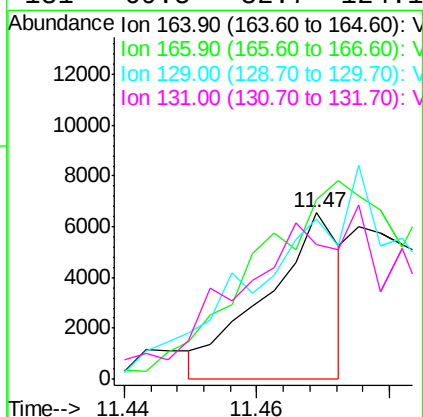
Instrument :
MSVOA_L
ClientSampleId :
RESIDENT-C-CRAWL-SPACE

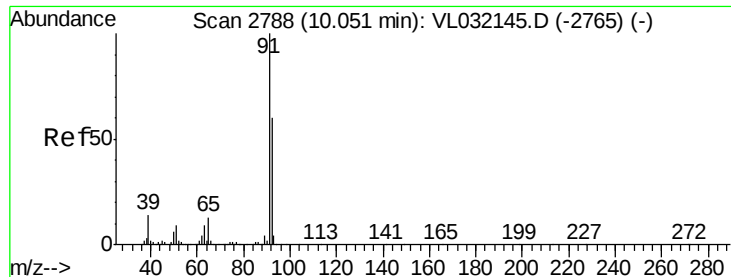
Tgt Ion: 43 Resp: 32148
Ion Ratio Lower Upper
43 100
58 0.0 29.8 44.6#



#52
Tetrachloroethene
Concen: 0.048 ppbv
RT: 11.47 min Scan# 3229
Delta R.T. -0.02 min
Lab File: VL032171.D
Acq: 30 Jun 2018 15:10

Tgt Ion: 164 Resp: 5088
Ion Ratio Lower Upper
164 100
166 103.7 100.6 151.0
129 91.5 84.0 126.0
131 69.5 82.7 124.1#





#53

Toluene

Concen: 2.825 ppbv

RT: 10.04 min Scan# 2786

Delta R.T. -0.02 min

Lab File: VL032171.D

Acq: 30 Jun 2018 15:10

Instrument :

MSVOA_L

ClientSampleId :

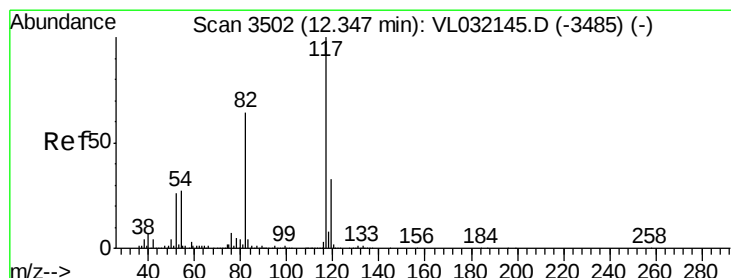
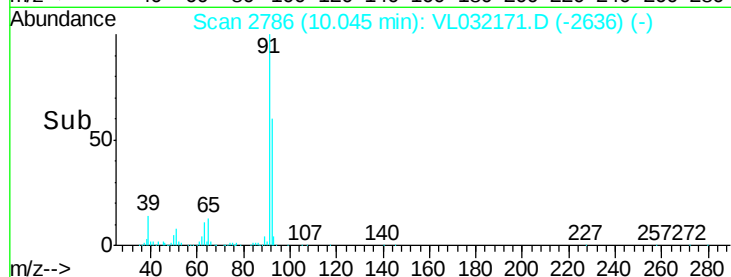
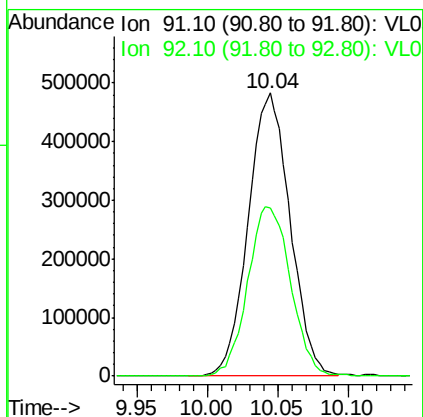
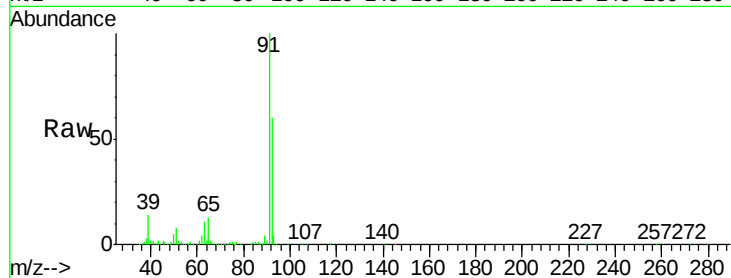
RESIDENT-C-CRAWL-SPACE

Tgt Ion: 91 Resp: 1000799

Ion Ratio Lower Upper

91 100

92 61.3 49.2 73.8



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.34 min Scan# 3500

Delta R.T. -0.02 min

Lab File: VL032171.D

Acq: 30 Jun 2018 15:10

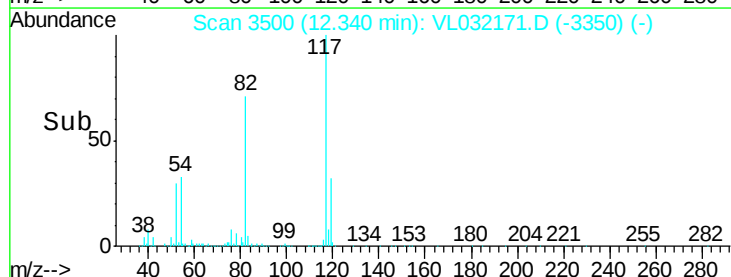
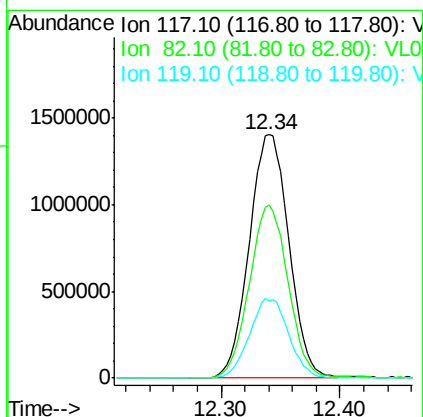
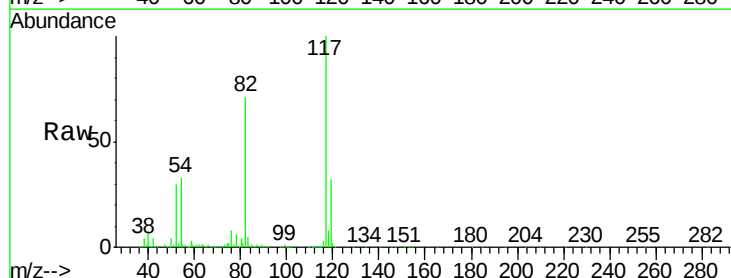
Tgt Ion: 117 Resp: 3238682

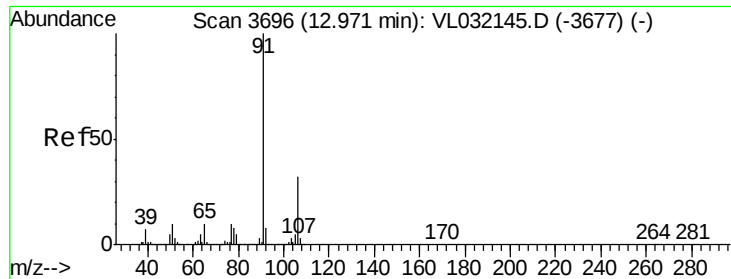
Ion Ratio Lower Upper

117 100

82 69.7 47.8 71.8

119 32.4 43.3 64.9#





#58

Ethyl Benzene

Concen: 0.618 ppbv

RT: 12.97 min Scan# 3695

Delta R.T. -0.02 min

Lab File: VL032171.D

Acq: 30 Jun 2018 15:10

Instrument :

MSVOA_L

ClientSampleId :

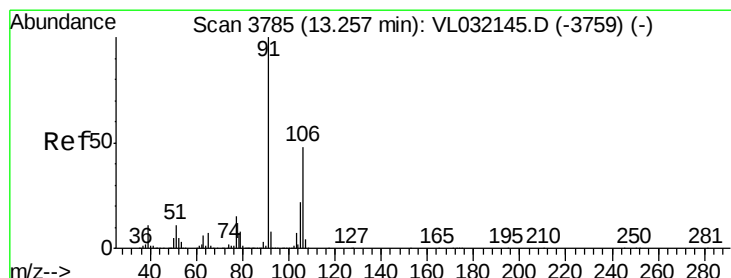
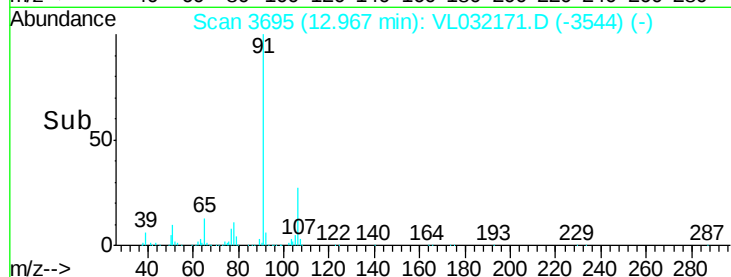
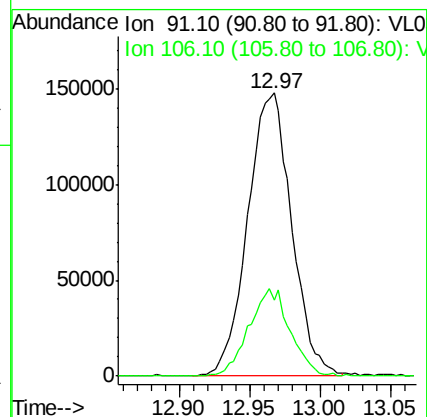
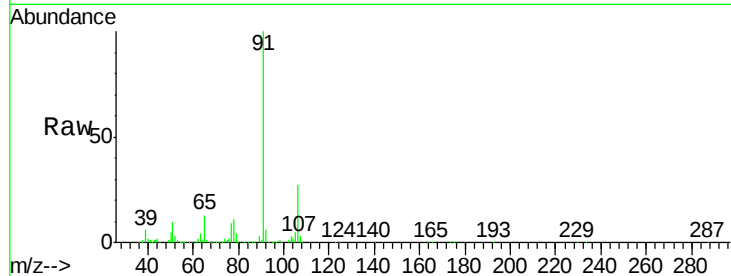
RESIDENT-C-CRAWL-SPACE

Tgt Ion: 91 Resp: 322307

Ion Ratio Lower Upper

91 100

106 26.8 26.5 39.7



#59

m/p-Xylene

Concen: 1.249 ppbv

RT: 13.22 min Scan# 3773

Delta R.T. -0.05 min

Lab File: VL032171.D

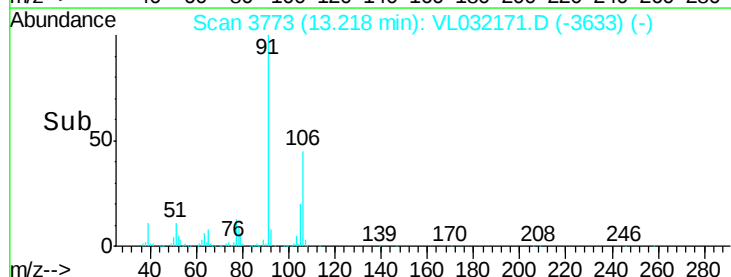
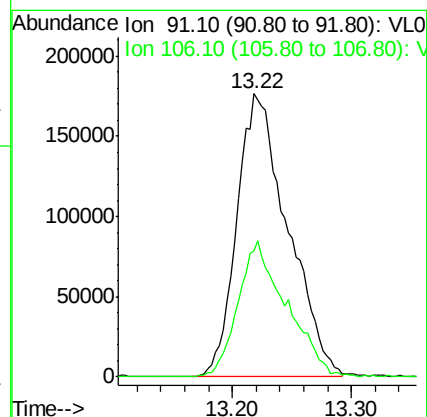
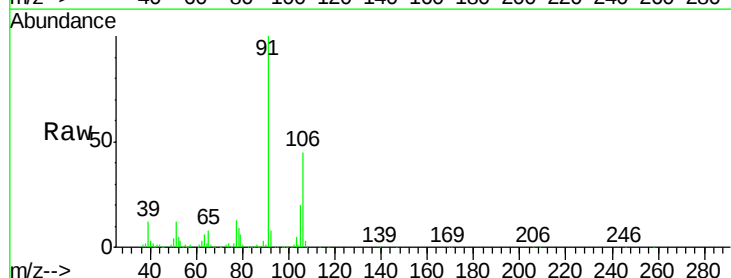
Acq: 30 Jun 2018 15:10

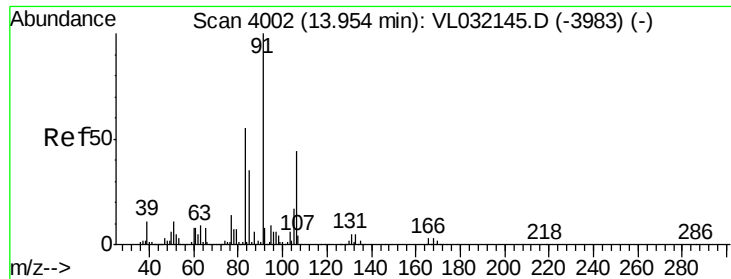
Tgt Ion: 91 Resp: 522664

Ion Ratio Lower Upper

91 100

106 45.7 38.6 58.0





#60

o-Xylene

Concen: 0.313 ppbv

RT: 13.95 min Scan# 4001

Delta R.T. -0.02 min

Lab File: VL032171.D

Acq: 30 Jun 2018 15:10

Instrument :

MSVOA_L

ClientSampleId :

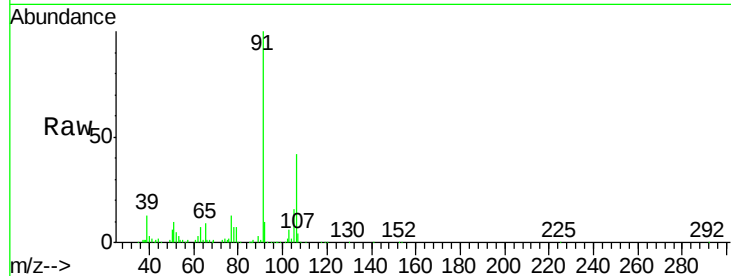
RESIDENT-C-CRAWL-SPACE

Tgt Ion: 91 Resp: 130719

Ion Ratio Lower Upper

91 100

106 76.3 23.3 69.8#

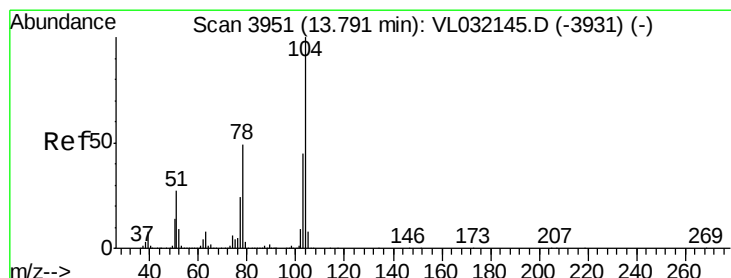
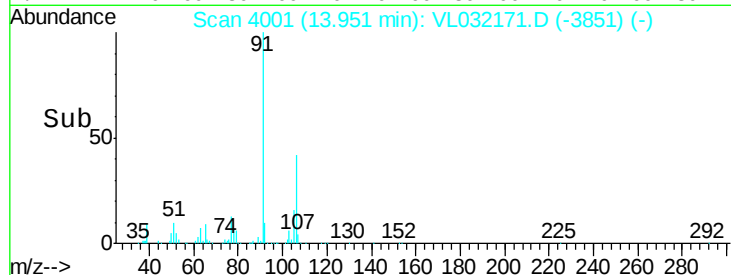


Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V

13.95

Time-->



#61

Styrene

Concen: 0.044 ppbv

RT: 13.79 min Scan# 3950

Delta R.T. -0.02 min

Lab File: VL032171.D

Acq: 30 Jun 2018 15:10

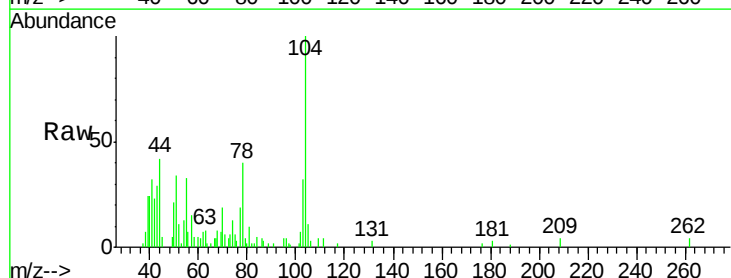
Tgt Ion: 104 Resp: 15037

Ion Ratio Lower Upper

104 100

78 101.2 37.9 56.9#

103 0.0 36.6 55.0#



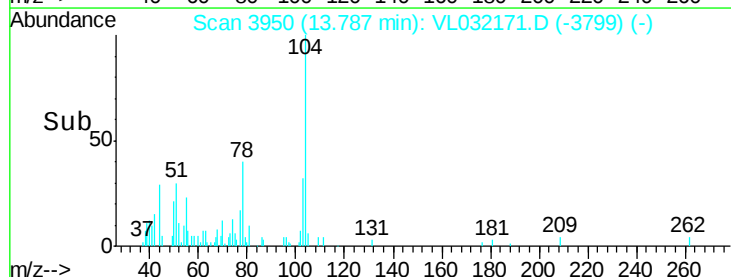
Abundance Ion 104.10 (103.80 to 104.80): V

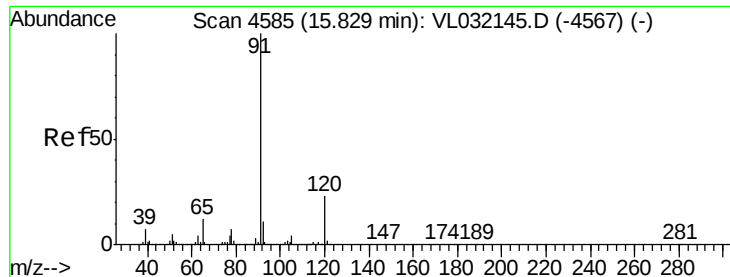
Ion 78.10 (77.80 to 78.80): VL0

Ion 103.10 (102.80 to 103.80): V

13.79

Time-->





#64

n-propylbenzene

Concen: 0.031 ppbv

RT: 15.82 min Scan# 4583

Delta R.T. -0.02 min

Lab File: VL032171.D

Acq: 30 Jun 2018 15:10

Instrument :

MSVOA_L

ClientSampleId :

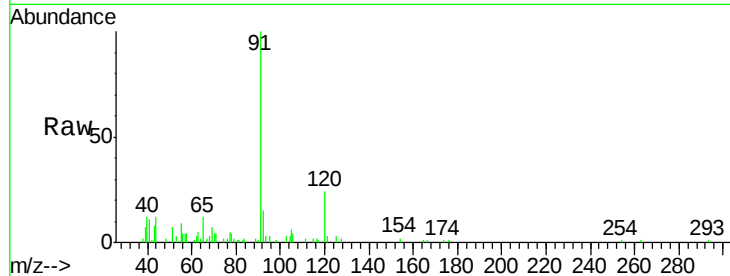
RESIDENT-C-CRAWL-SPACE

Tgt Ion:120 Resp: 5071

Ion Ratio Lower Upper

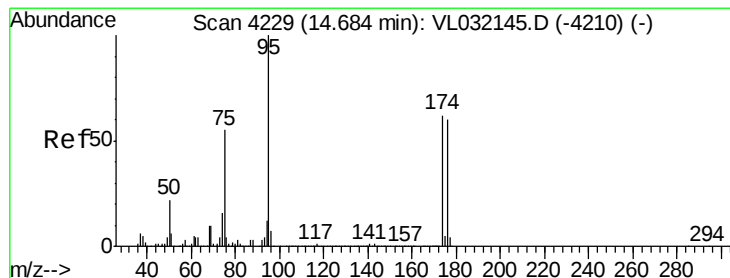
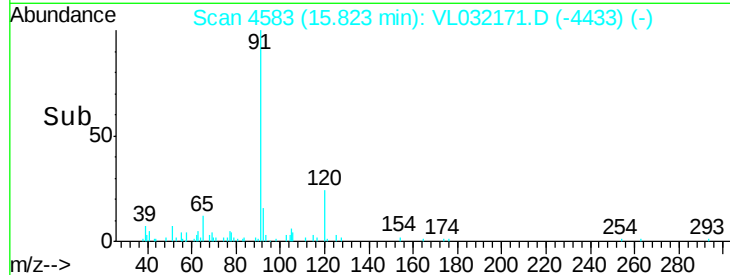
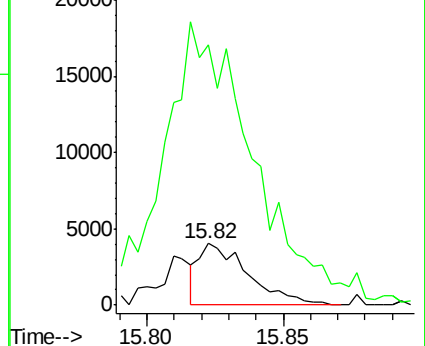
120 100

91 883.4 357.4 536.0#



Abundance Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0



#68

1-Bromo-4-Fluorobenzene

Concen: 8.579 ppbv

RT: 14.68 min Scan# 4227

Delta R.T. -0.02 min

Lab File: VL032171.D

Acq: 30 Jun 2018 15:10

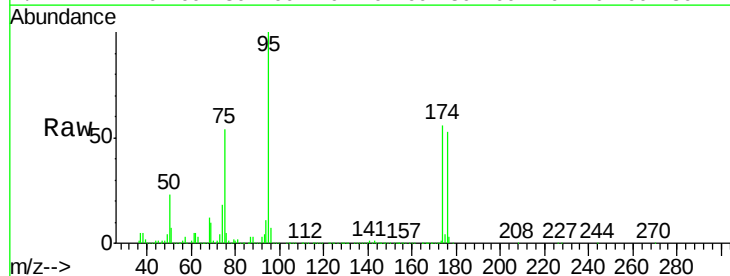
Tgt Ion: 95 Resp: 2123953

Ion Ratio Lower Upper

95 100

174 57.8 52.1 78.1

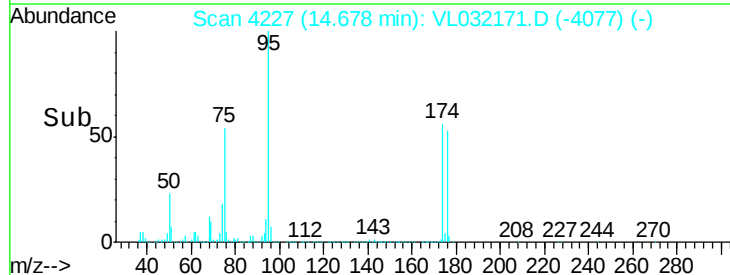
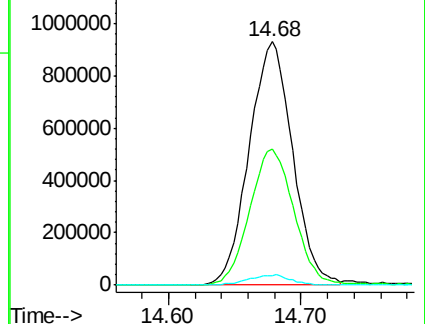
175 4.1 4.0 6.0

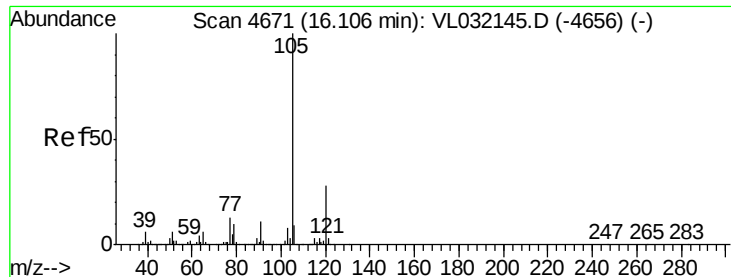


Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V





#72

4-Ethyltoluene

Concen: 0.036 ppbv

RT: 16.09 min Scan# 4667

Delta R.T. -0.03 min

Lab File: VL032171.D

Acq: 30 Jun 2018 15:10

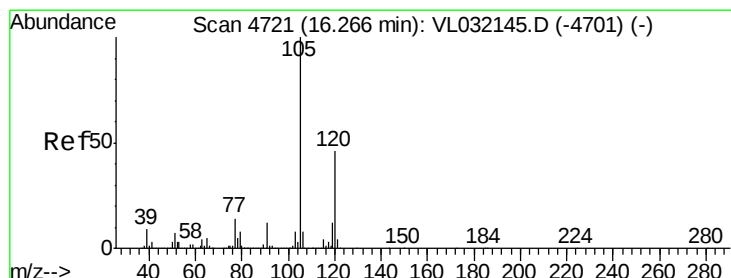
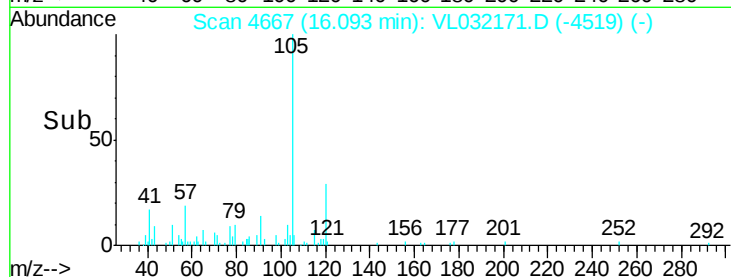
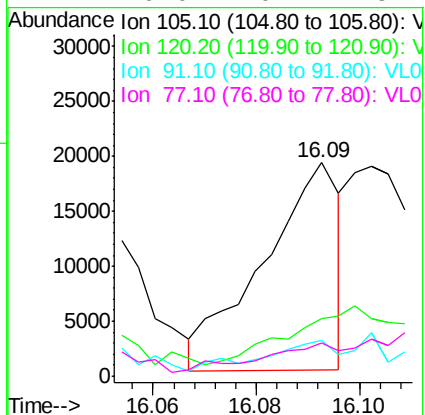
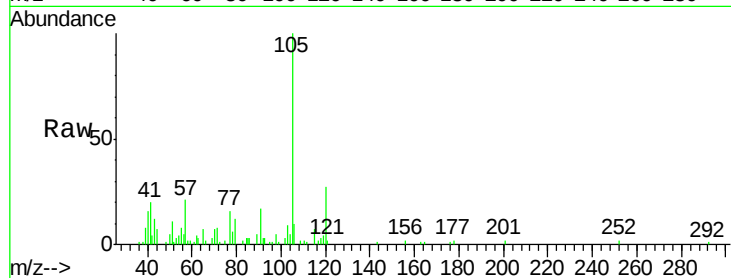
Instrument :

MSVOA_L

ClientSampleId :

RESIDENT-C-CRAWL-SPACE

Tgt Ion:	105	Resp:	19462
Ion Ratio	Lower	Upper	
105	100		
120	0.0	24.3	36.5#
91	0.0	9.4	14.0#
77	0.0	10.2	15.2#



#73

1,3,5-Trimethylbenzene

Concen: 0.071 ppbv

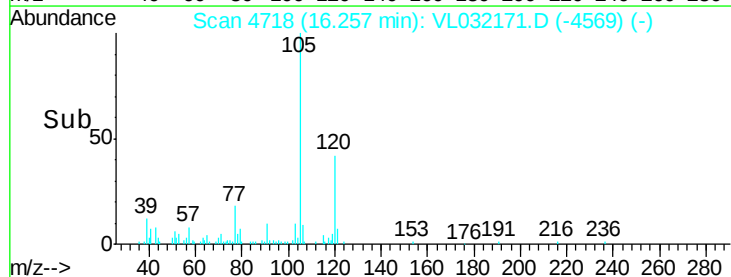
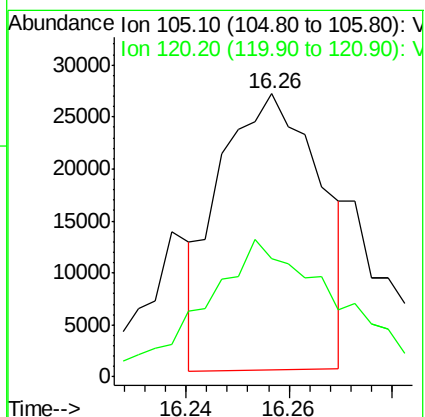
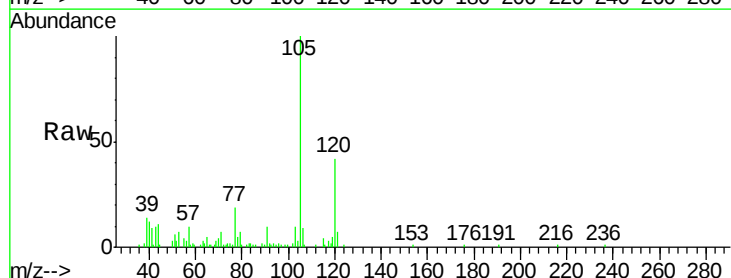
RT: 16.26 min Scan# 4718

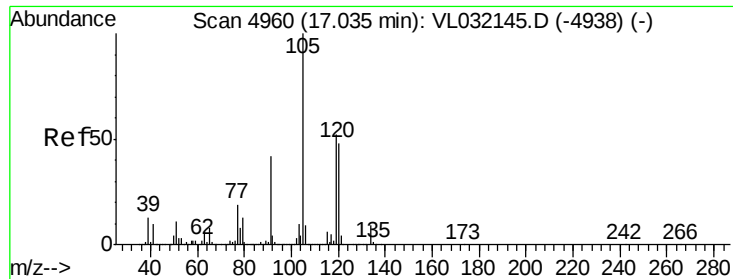
Delta R.T. -0.02 min

Lab File: VL032171.D

Acq: 30 Jun 2018 15:10

Tgt Ion:	105	Resp:	36031
Ion Ratio	Lower	Upper	
105	100		
120	35.5	38.6	57.8#

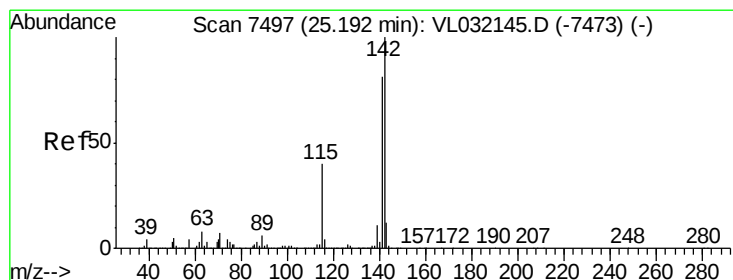
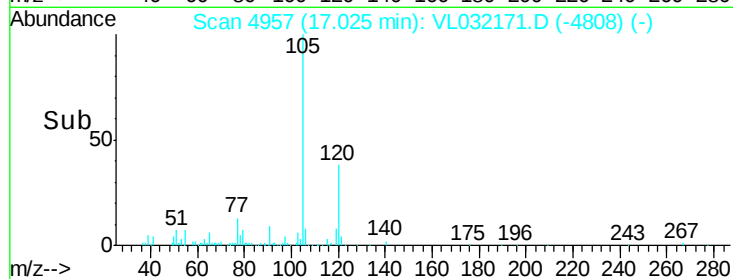
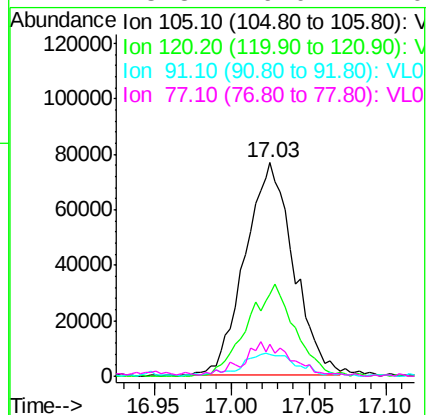
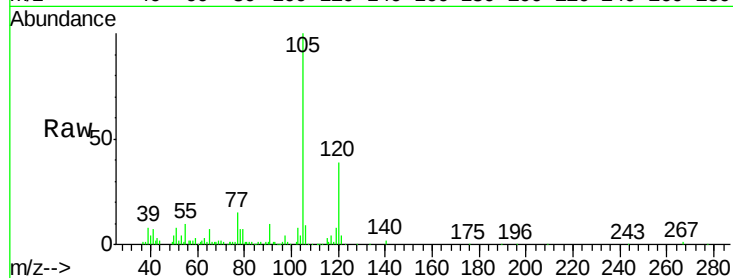




#74
 1,2,4-Trimethylbenzene
 Concen: 0.326 ppbv
 RT: 17.03 min Scan# 4957
 Delta R.T. -0.02 min
 Lab File: VL032171.D
 Acq: 30 Jun 2018 15:10

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

Tgt Ion:	105	Resp:	167116
Ion	Ratio	Lower	Upper
105	100		
120	38.7	38.8	58.2#
91	9.7	33.6	50.4#
77	13.8	16.0	24.0#



#80
 Naphthalene, 2-methyl-
 Concen: 0.064 ppbv
 RT: 25.19 min Scan# 7496
 Delta R.T. -0.02 min
 Lab File: VL032171.D
 Acq: 30 Jun 2018 15:10

Tgt Ion:	142	Resp:	10738
Ion	Ratio	Lower	Upper
142	100		
141	79.4	65.8	98.6
115	48.6	29.4	44.0#

