

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL070218\
 Data File : VL032180.D
 Acq On : 2 Jul 2018 13:49
 Operator : SY/AP
 Sample : J3601-10
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

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

Quant Time: Jul 03 05:01:51 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	1453977	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.38	114	3773850	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.34	117	3414798	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.68	95	2644735	10.13	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.30%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	3.13	85	43432	0.227 ppbv	92
3) Chlorodifluoromethane	3.04	51	287368	1.618 ppbv #	75
4) Chloromethane	3.23	50	52938	0.558 ppbv	99
9) Propene	3.30	41	812568	9.814 ppbv	94
10) Heptane	8.34	43	145872	0.604 ppbv	93
11) Trichlorofluoromethane	4.07	101	54583	0.264 ppbv	89
12) 1,1,2-Trichlorotrifluoroet	4.62	101	9626	0.070 ppbv	99
13) Ethanol	3.72	45	381051	15.181 ppbv	99
15) Acetone	3.97	43	1642815	9.663 ppbv	90
16) 1,3-Butadiene	3.40	39	28977	0.357 ppbv #	10
17) tert-Butyl alcohol	4.44	59	76867	0.710 ppbv #	73
19) Isopropyl Alcohol	4.10	45	202909	1.436 ppbv #	1
20) Methylene Chloride	4.48	84	130621	2.102 ppbv	98
21) Allyl Chloride	4.44	41	31460	0.271 ppbv #	60
23) Vinyl Acetate	5.22	43	177244	0.575 ppbv #	33
25) Ethyl Acetate	5.85	43	677688	1.927 ppbv	98
26) Hexane	5.86	57	276661	1.708 ppbv	86
27) Carbon Disulfide	4.70	76	21868	0.136 ppbv #	39
29) Chloroform	5.93	83	8395	0.036 ppbv	96
30) Cyclohexane	7.34	84	74840	0.490 ppbv	95
31) cis-1,2-Dichloroethene	5.85	61	62894	0.389 ppbv #	23
34) 2-Butanone	5.41	43	321938	1.344 ppbv	98
35) Carbon Tetrachloride	7.22	117	15220	0.059 ppbv #	79
36) Benzene	7.10	78	54583	0.149 ppbv #	91
37) 1,2-Dichloroethane	6.50	62	12087	0.066 ppbv #	79
39) 1,2-Dichloropropane	7.38	63	1013544	7.036 ppbv #	26
41) Tetrahydrofuran	6.24	42	6942	0.048 ppbv #	37
44) 2,2,4-Trimethylpentane	8.08	57	53578	0.084 ppbv #	1
50) 4-Methyl-2-Pentanone	8.97	43	512515	1.306 ppbv	100
51) 2-Hexanone	10.34	43	25586	0.079 ppbv #	27
53) Toluene	10.04	91	2667415	6.042 ppbv	98
58) Ethyl Benzene	12.96	91	361509	0.657 ppbv	99
59) m/p-Xylene	13.22	91	786985	1.784 ppbv	97
60) o-Xylene	13.95	91	368186	0.837 ppbv	95
61) Styrene	13.78	104	56479	0.157 ppbv #	24
72) 4-Ethyltoluene	16.10	105	81127	0.143 ppbv #	94
73) 1,3,5-Trimethylbenzene	16.26	105	20582	0.038 ppbv #	29
74) 1,2,4-Trimethylbenzene	17.02	105	296502	0.549 ppbv #	74
80) Naphthalene,2-methyl-	25.20	142	9476	0.053 ppbv #	92

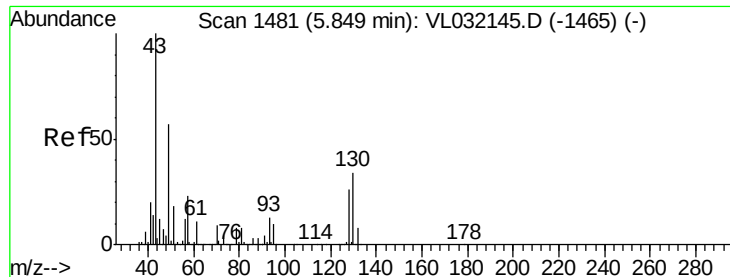
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL070218\
Data File : VL032180.D
Acq On : 2 Jul 2018 13:49
Operator : SY/AP
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Instrument :
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ClientSampleId :
RESIDENT-D-CRAWL-SPACE

Quant Time: Jul 03 05:01:51 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)

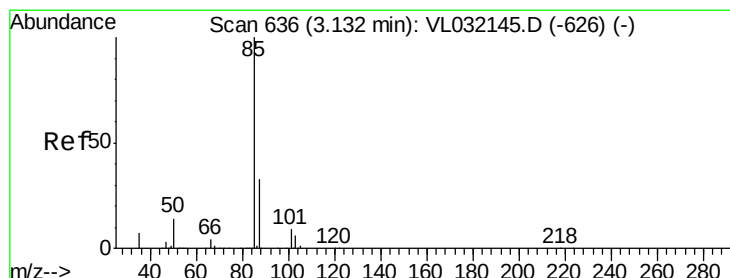
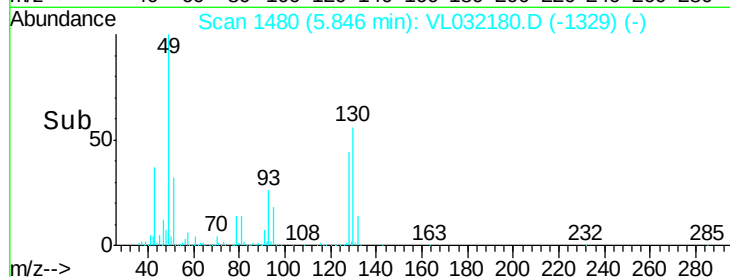
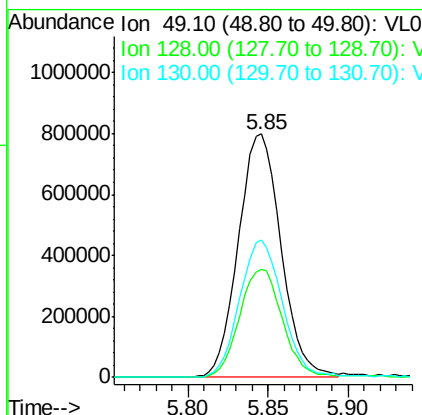
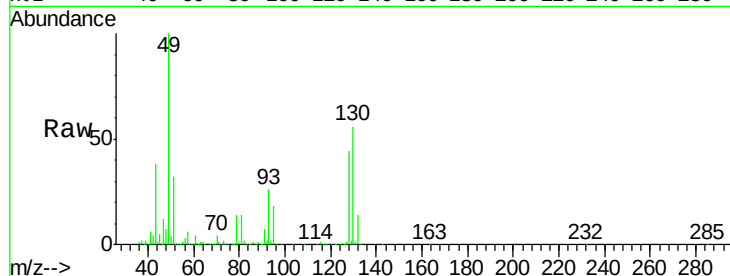
(#) = qualifier out of range (m) = manual integration (+) = signals summed						



#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.85 min Scan# 1480
 Delta R.T. -0.02 min
 Lab File: VL032180.D
 Acq: 2 Jul 2018 13:49

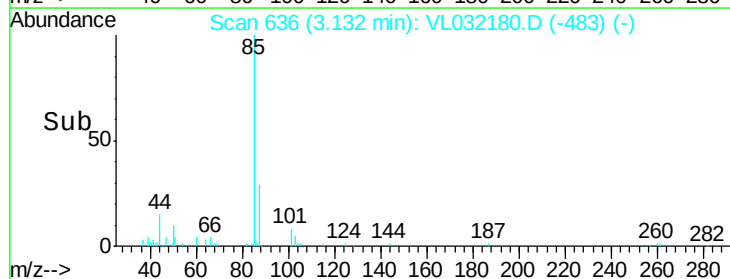
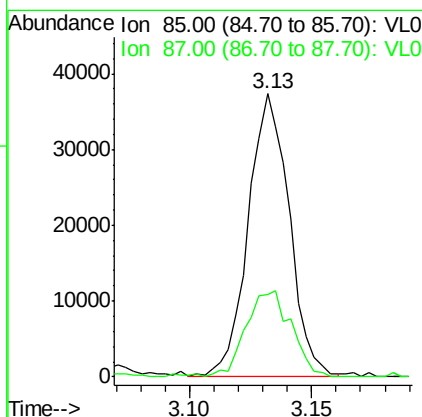
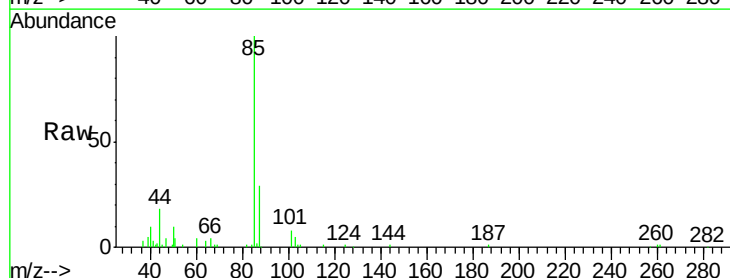
Instrument :
 MSVOA_L
 ClientSampleId :
 RESIDENT-D-CRAWL-SPACE

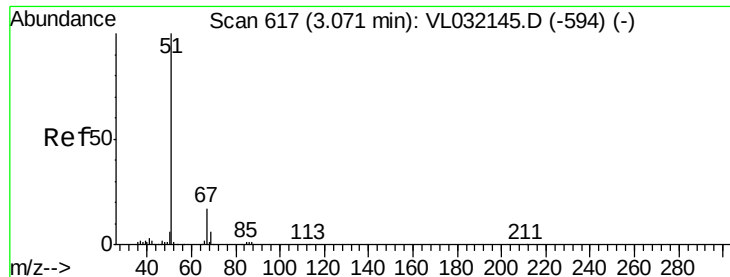
Tgt Ion: 49 Resp: 1453977
 Ion Ratio Lower Upper
 49 100
 128 45.6 23.4 70.0
 130 57.2 30.3 90.9



#2
 Dichlorodifluoromethane
 Concen: 0.227 ppbv
 RT: 3.13 min Scan# 636
 Delta R.T. -0.01 min
 Lab File: VL032180.D
 Acq: 2 Jul 2018 13:49

Tgt Ion: 85 Resp: 43432
 Ion Ratio Lower Upper
 85 100
 87 29.0 26.7 40.1





#3

Chlorodifluoromethane

Concen: 1.618 ppbv

RT: 3.04 min Scan# 608

Delta R.T. -0.04 min

Lab File: VL032180.D

Acq: 2 Jul 2018 13:49

Instrument :

MSVOA_L

ClientSampleId :

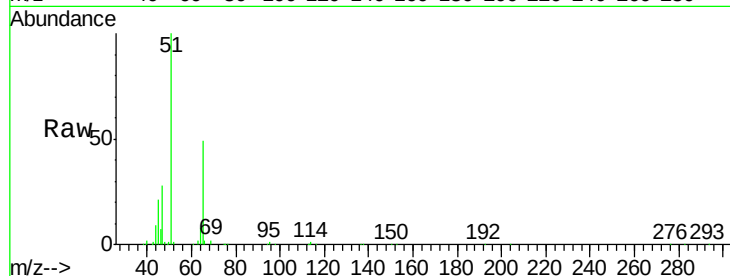
RESIDENT-D-CRAWL-SPACE

Tgt Ion: 51 Resp: 287368

Ion Ratio Lower Upper

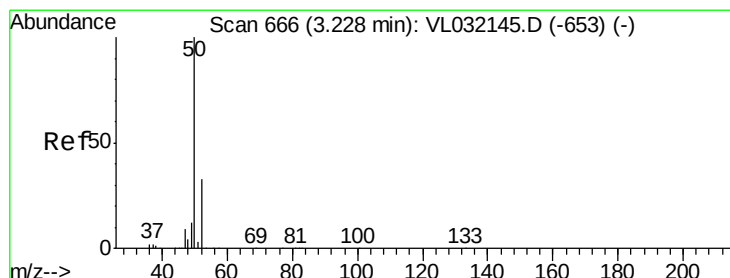
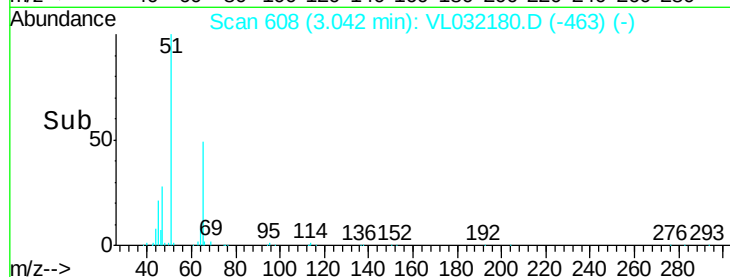
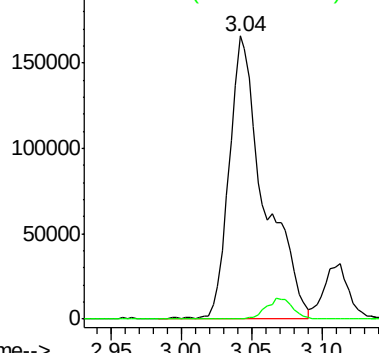
51 100

67 5.6 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: 0.558 ppbv

RT: 3.23 min Scan# 666

Delta R.T. -0.01 min

Lab File: VL032180.D

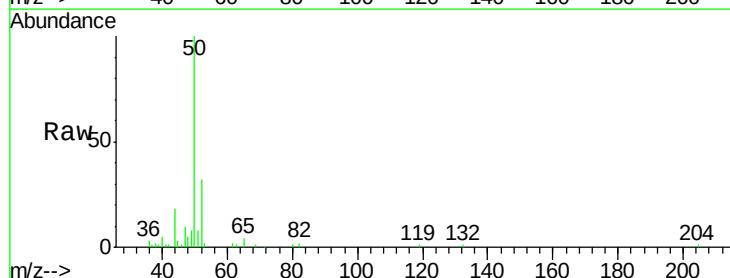
Acq: 2 Jul 2018 13:49

Tgt Ion: 50 Resp: 52938

Ion Ratio Lower Upper

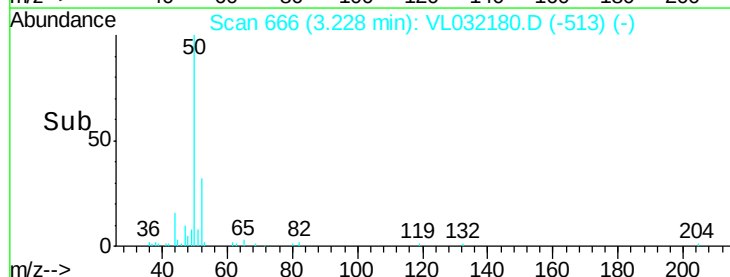
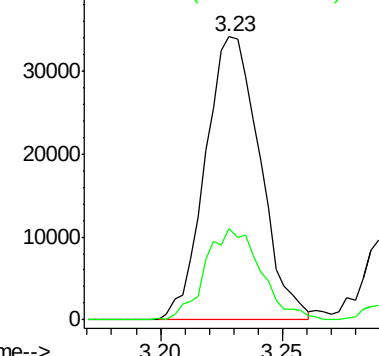
50 100

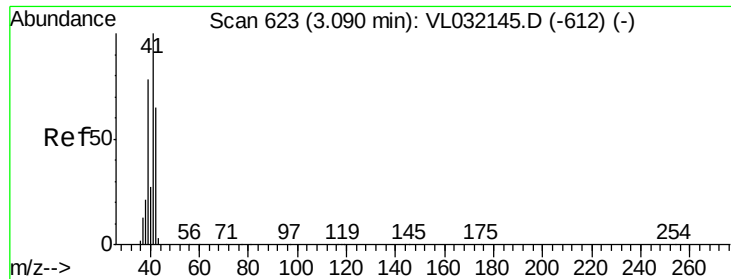
52 31.7 26.0 39.0



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#9

Propene

Concen: 9.814 ppbv

RT: 3.30 min Scan# 687

Delta R.T. 0.20 min

Lab File: VL032180.D

Acq: 2 Jul 2018 13:49

Instrument :

MSVOA_L

ClientSampleId :

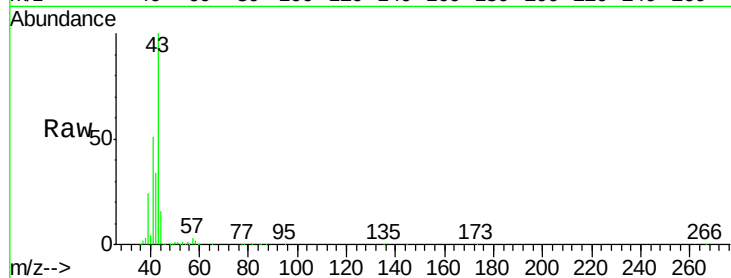
RESIDENT-D-CRAWL-SPACE

Tgt Ion: 41 Resp: 812568

Ion Ratio Lower Upper

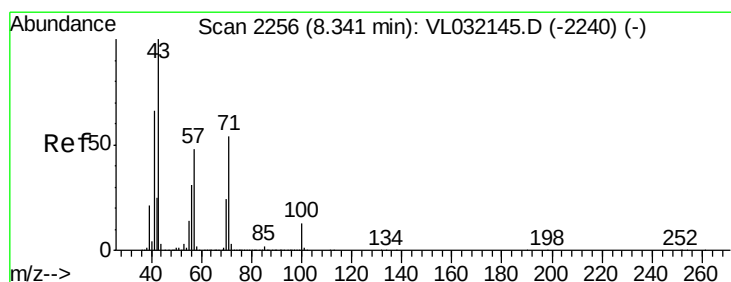
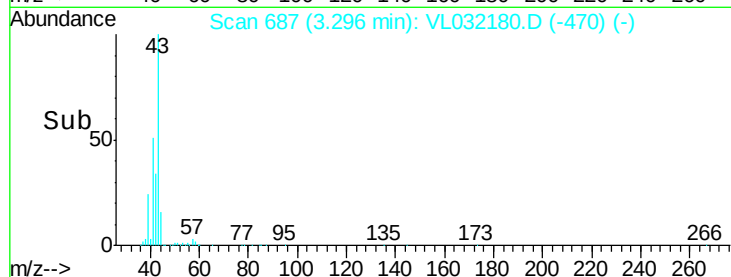
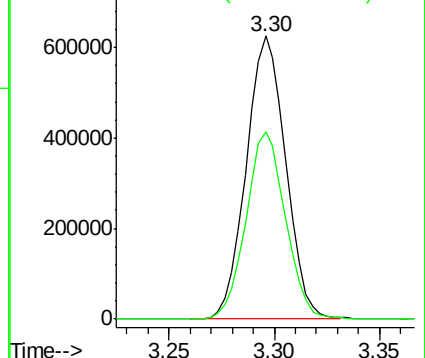
41 100

42 65.8 56.2 84.4



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0



#10

Heptane

Concen: 0.604 ppbv

RT: 8.34 min Scan# 2255

Delta R.T. -0.02 min

Lab File: VL032180.D

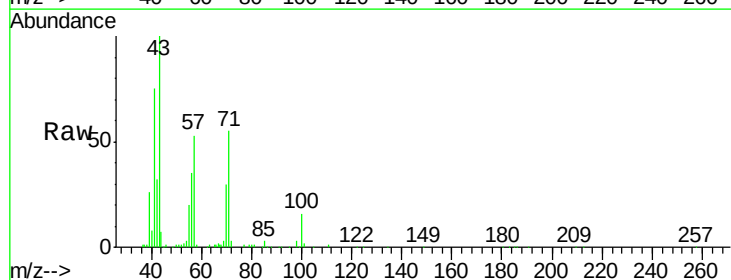
Acq: 2 Jul 2018 13:49

Tgt Ion: 43 Resp: 145872

Ion Ratio Lower Upper

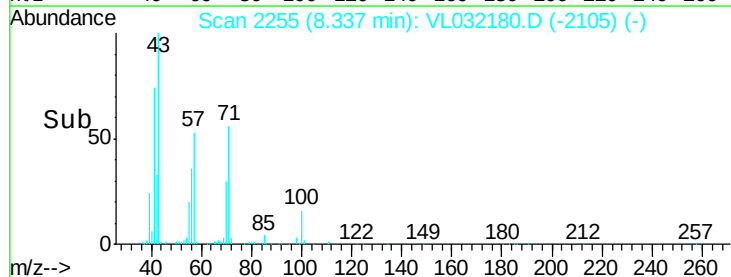
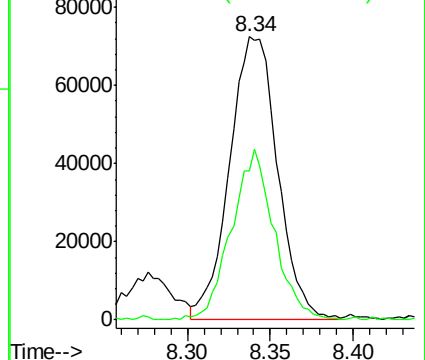
43 100

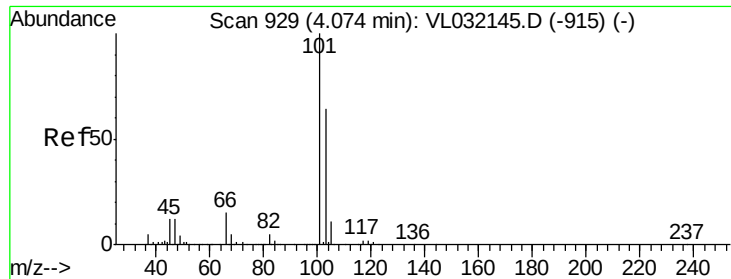
57 54.5 39.8 59.8



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 57.10 (56.80 to 57.80): VL0





#11

Trichlorofluoromethane

Concen: 0.264 ppbv

RT: 4.07 min Scan# 928

Delta R.T. -0.01 min

Lab File: VL032180.D

Acq: 2 Jul 2018 13:49

Instrument :

MSVOA_L

ClientSampleId :

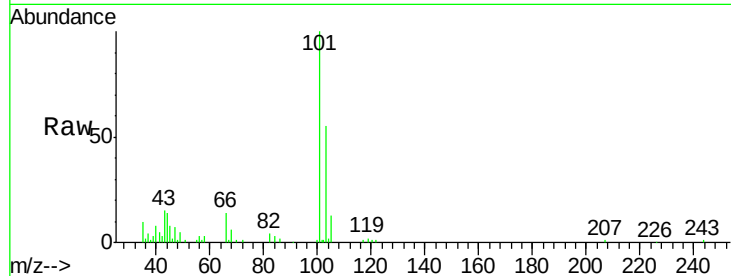
RESIDENT-D-CRAWL-SPACE

Tgt Ion:101 Resp: 54583

Ion Ratio Lower Upper

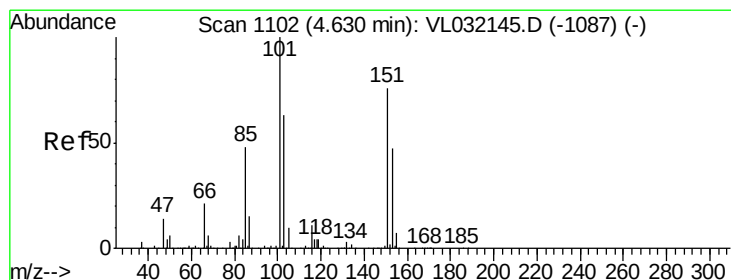
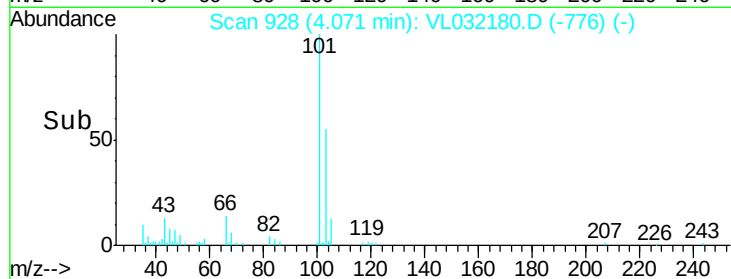
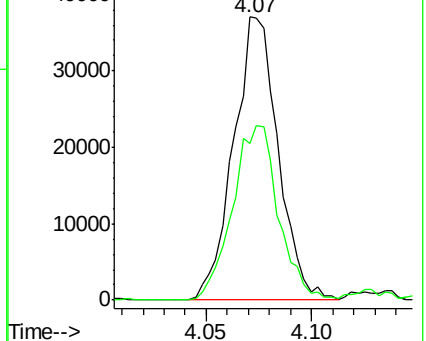
101 100

103 55.4 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: 0.070 ppbv

RT: 4.62 min Scan# 1100

Delta R.T. -0.02 min

Lab File: VL032180.D

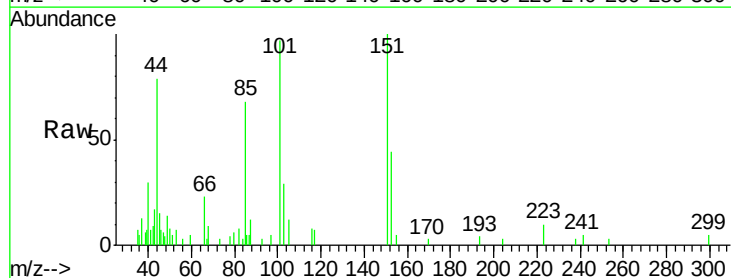
Acq: 2 Jul 2018 13:49

Tgt Ion:101 Resp: 9626

Ion Ratio Lower Upper

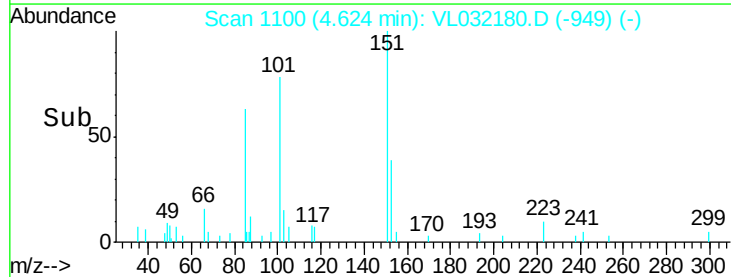
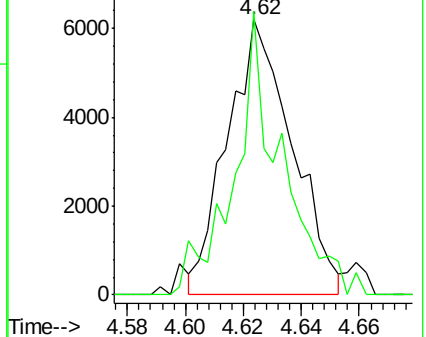
101 100

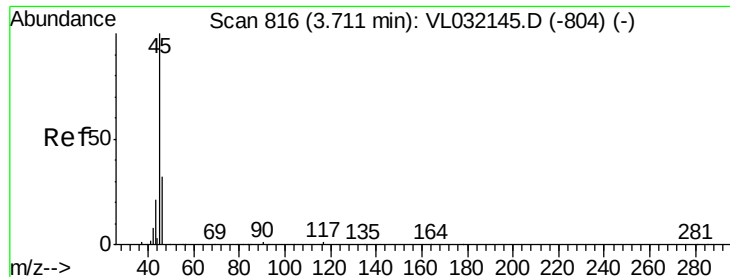
151 74.3 58.8 88.2



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 151.00 (150.70 to 151.70): V





#13

Ethanol

Concen: 15.181 ppbv

RT: 3.72 min Scan# 818

Delta R.T. -0.01 min

Lab File: VL032180.D

Acq: 2 Jul 2018 13:49

Instrument :

MSVOA_L

ClientSampleId :

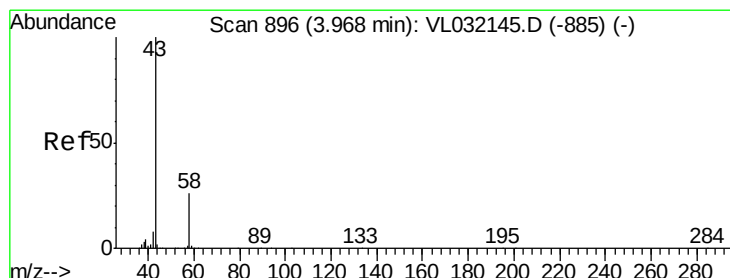
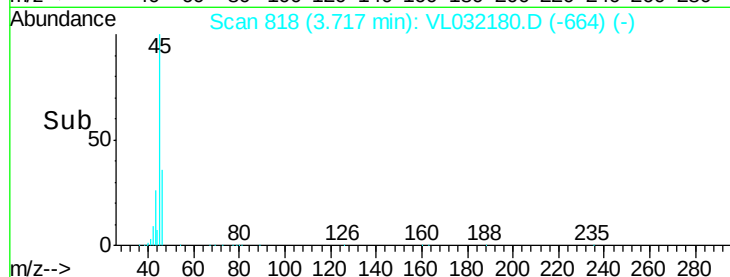
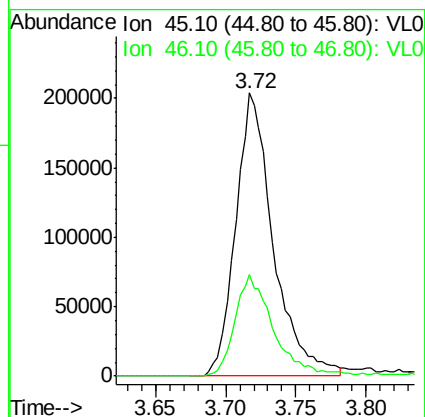
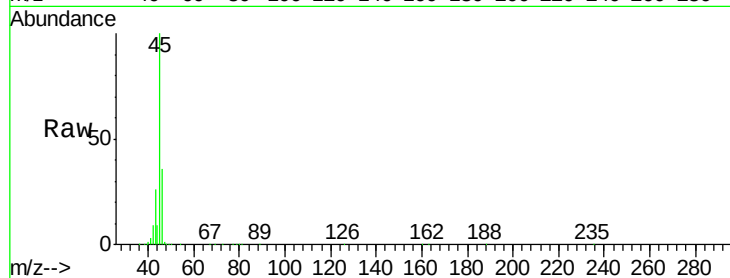
RESIDENT-D-CRAWL-SPACE

Tgt Ion: 45 Resp: 381051

Ion Ratio Lower Upper

45 100

46 37.3 14.6 58.4



#15

Acetone

Concen: 9.663 ppbv

RT: 3.97 min Scan# 896

Delta R.T. -0.01 min

Lab File: VL032180.D

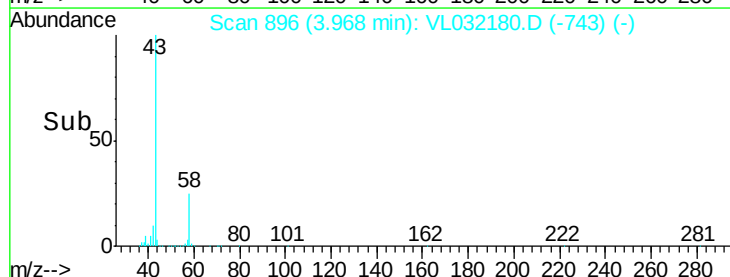
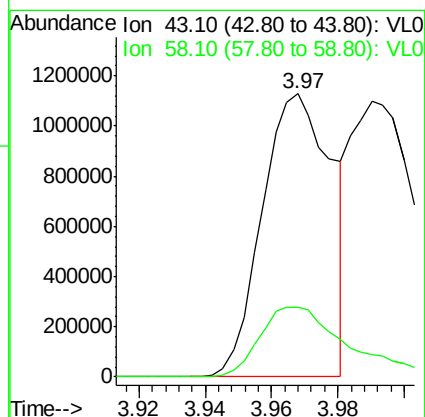
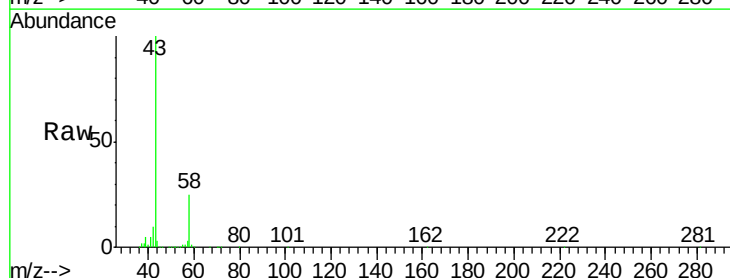
Acq: 2 Jul 2018 13:49

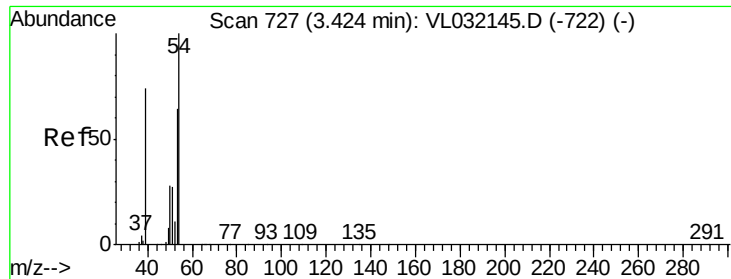
Tgt Ion: 43 Resp: 1642815

Ion Ratio Lower Upper

43 100

58 31.6 21.4 32.0

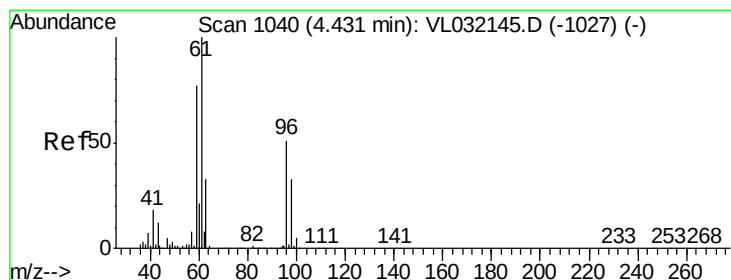
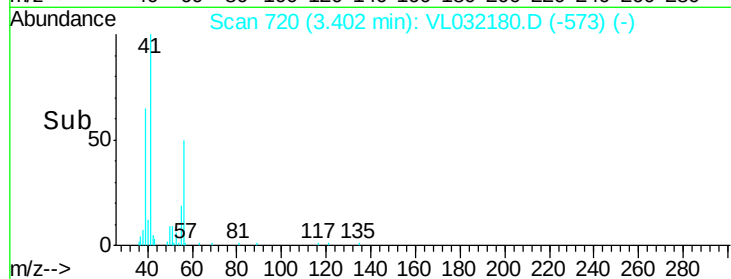
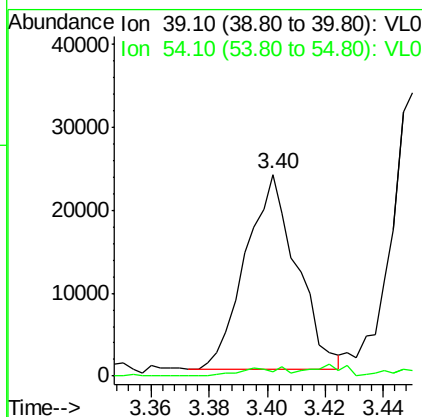
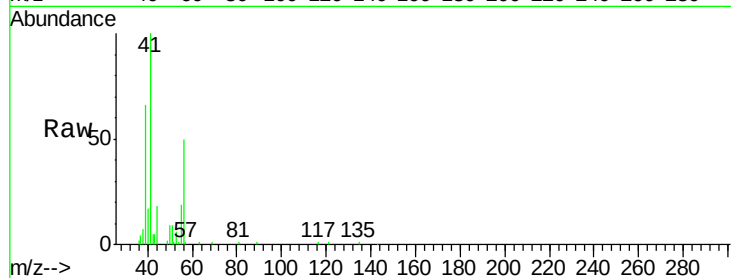




#16
 1,3-Butadiene
 Concen: 0.357 ppbv
 RT: 3.40 min Scan# 720
 Delta R.T. -0.03 min
 Lab File: VL032180.D
 Acq: 2 Jul 2018 13:49

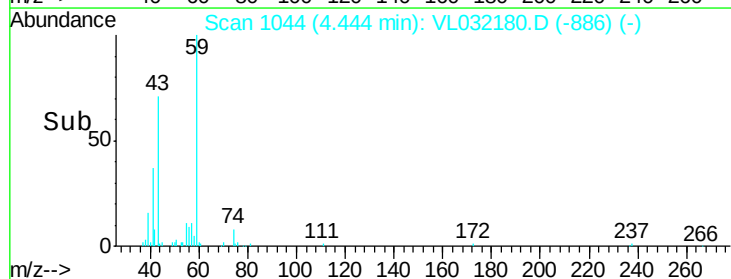
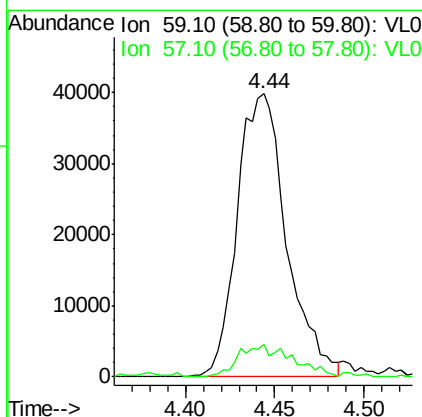
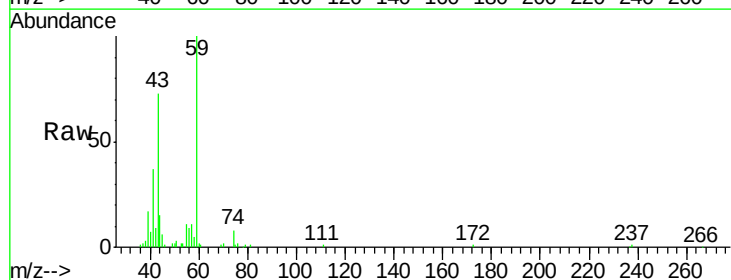
Instrument :
 MSVOA_L
 ClientSampleId :
 RESIDENT-D-CRAWL-SPACE

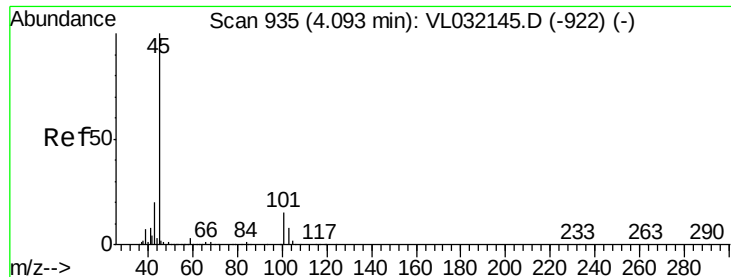
Tgt Ion: 39 Resp: 28977
 Ion Ratio Lower Upper
 39 100
 54 7.6 75.8 113.6#



#17
 tert-Butyl alcohol
 Concen: 0.710 ppbv
 RT: 4.44 min Scan# 1044
 Delta R.T. 0.01 min
 Lab File: VL032180.D
 Acq: 2 Jul 2018 13:49

Tgt Ion: 59 Resp: 76867
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.2 12.2#





#19

Isopropyl Alcohol

Concen: 1.436 ppbv

RT: 4.10 min Scan# 936

Delta R.T. -0.01 min

Lab File: VL032180.D

Acq: 2 Jul 2018 13:49

Instrument :

MSVOA_L

ClientSampleId :

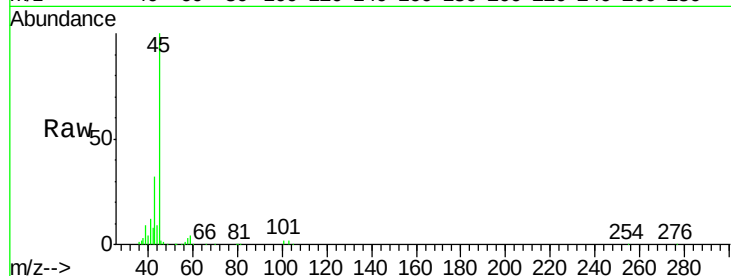
RESIDENT-D-CRAWL-SPACE

Tgt Ion: 45 Resp: 202909

Ion Ratio Lower Upper

45 100

58 255.7 29.4 44.0#



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

4.10

120000

100000

80000

60000

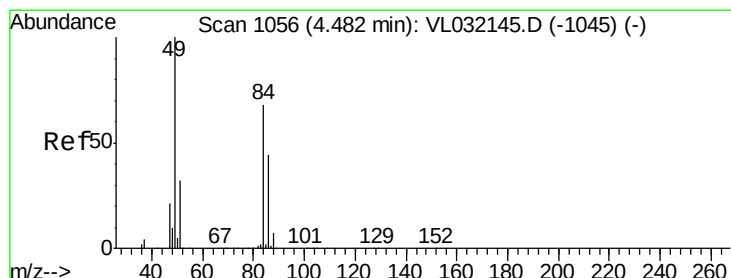
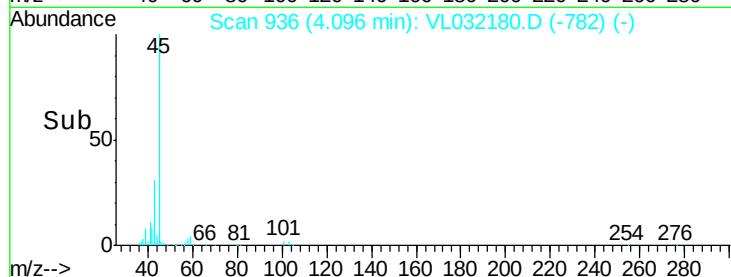
40000

20000

0

4.05 4.10 4.15

Time-->



#20

Methylene Chloride

Concen: 2.102 ppbv

RT: 4.48 min Scan# 1056

Delta R.T. -0.01 min

Lab File: VL032180.D

Acq: 2 Jul 2018 13:49

Tgt Ion: 84 Resp: 130621

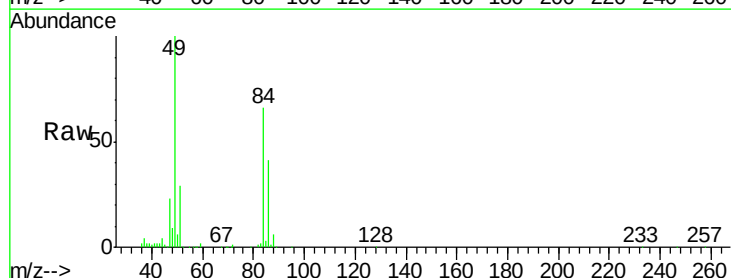
Ion Ratio Lower Upper

84 100

49 151.0 119.6 179.4

51 42.8 36.3 54.5

86 61.6 49.7 74.5



Abundance Ion 84.00 (83.70 to 84.70): VL0

Ion 49.10 (48.80 to 49.80): VL0

Ion 51.10 (50.80 to 51.80): VL0

Ion 86.00 (85.70 to 86.70): VL0

200000

150000

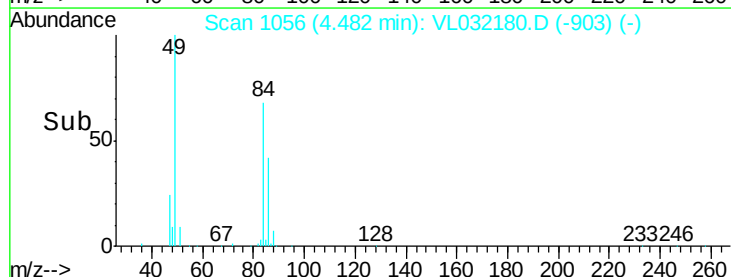
100000

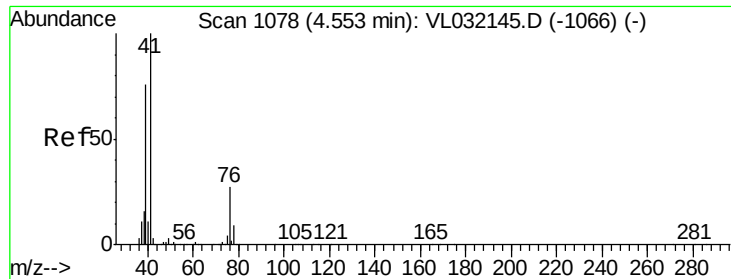
50000

0

4.45 4.50

Time-->

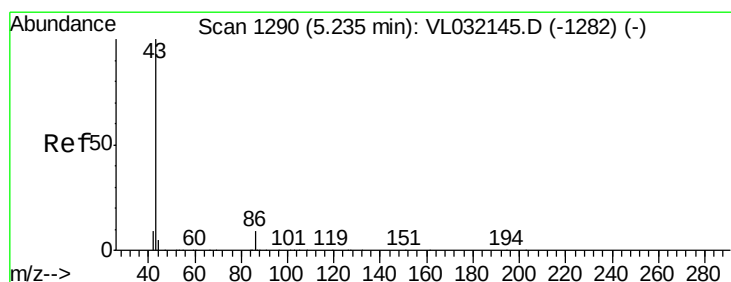
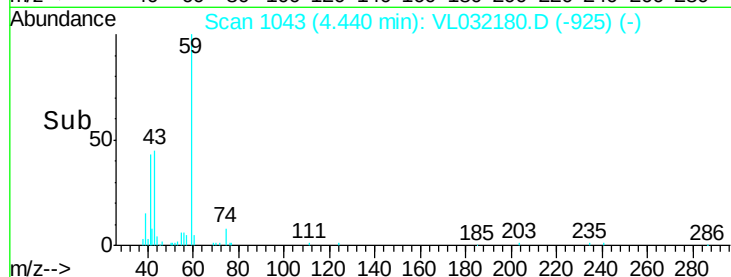
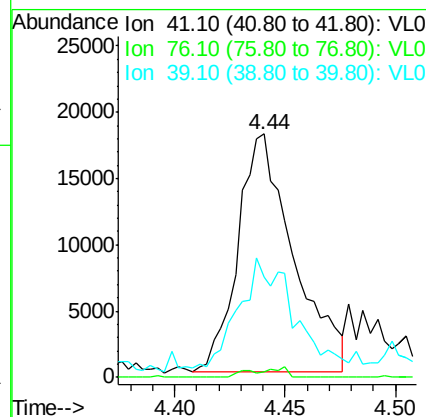
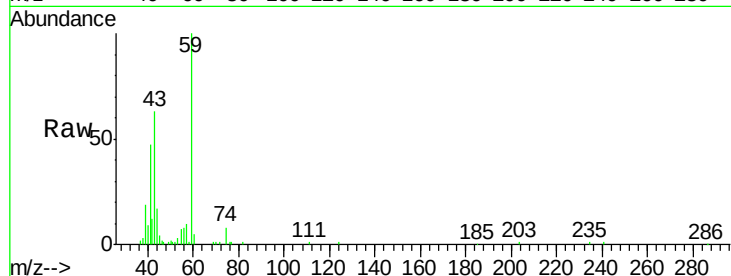




#21
 Allyl Chloride
 Concen: 0.271 ppbv
 RT: 4.44 min Scan# 1043
 Delta R.T. -0.12 min
 Lab File: VL032180.D
 Acq: 2 Jul 2018 13:49

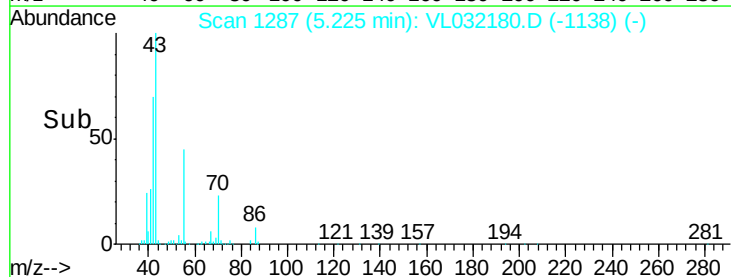
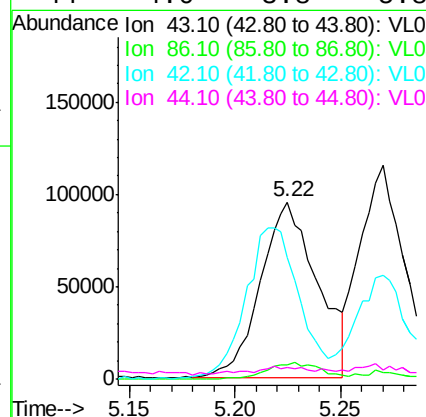
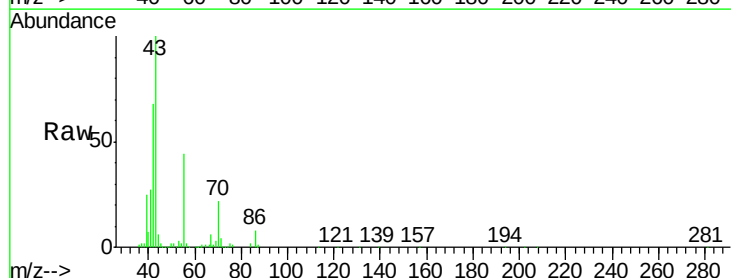
Instrument :
 MSVOA_L
 ClientSampleId :
 RESIDENT-D-CRAWL-SPACE

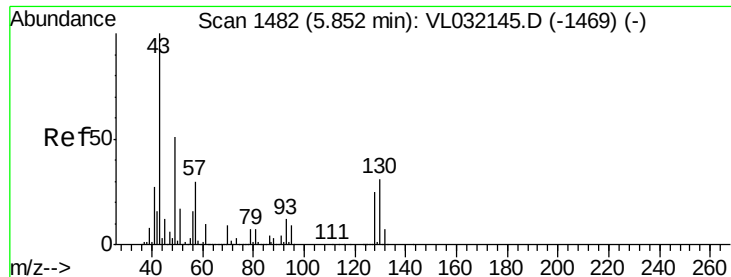
Tgt Ion: 41 Resp: 31460
 Ion Ratio Lower Upper
 41 100
 76 2.5 22.5 33.7#
 39 44.6 60.5 90.7#



#23
 Vinyl Acetate
 Concen: 0.575 ppbv
 RT: 5.22 min Scan# 1287
 Delta R.T. -0.02 min
 Lab File: VL032180.D
 Acq: 2 Jul 2018 13:49

Tgt Ion: 43 Resp: 177244
 Ion Ratio Lower Upper
 43 100
 86 8.2 6.2 9.4
 42 67.3 6.9 10.3#
 44 4.0 3.8 5.8

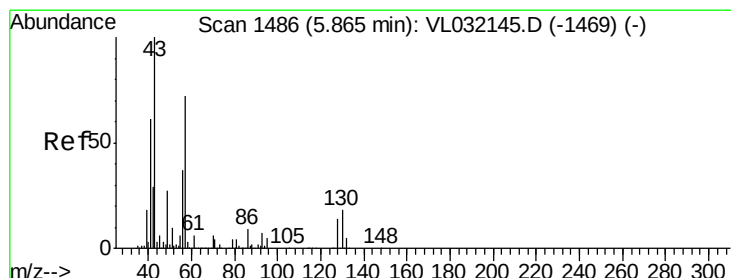
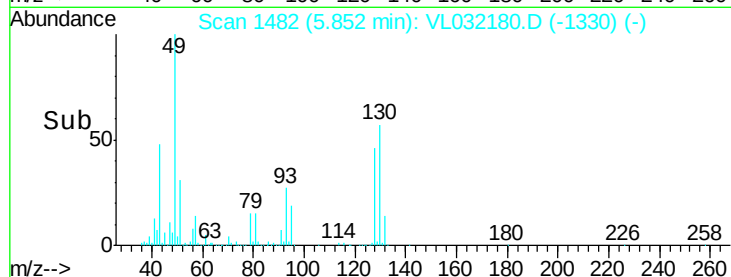
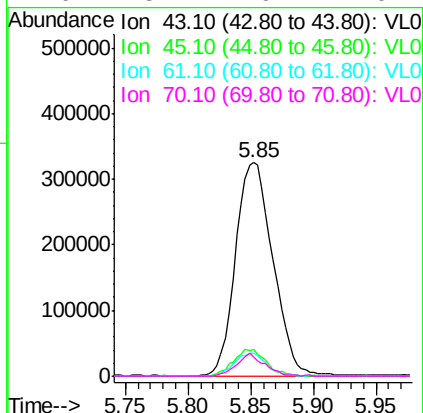
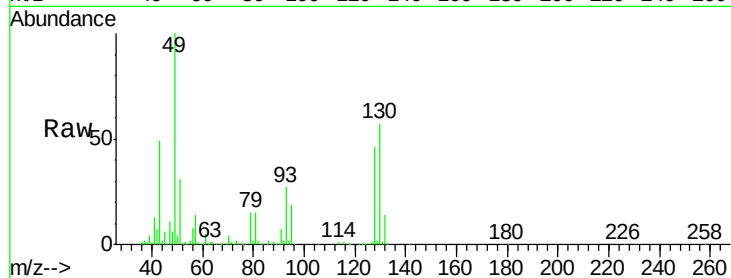




#25
Ethyl Acetate
Concen: 1.927 ppbv
RT: 5.85 min Scan# 1482
Delta R.T. -0.01 min
Lab File: VL032180.D
Acq: 2 Jul 2018 13:49

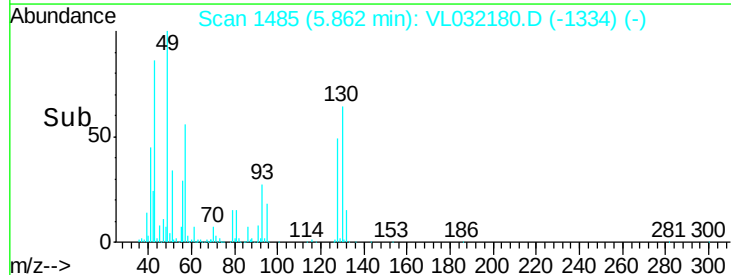
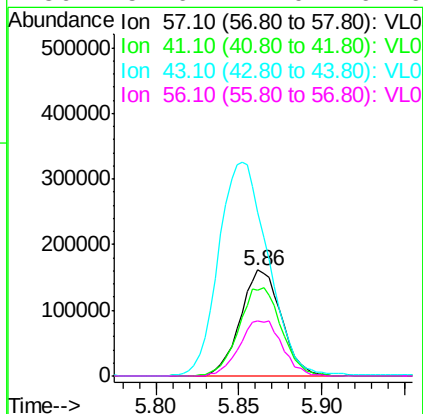
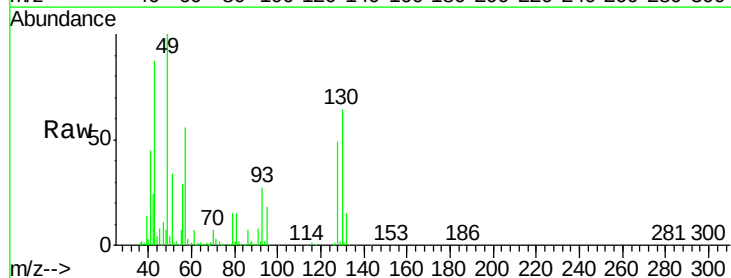
Instrument :
MSVOA_L
ClientSampleId :
RESIDENT-D-CRAWL-SPACE

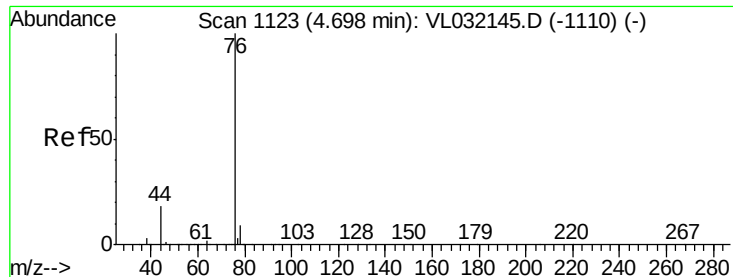
Tgt Ion:	43	Resp:	677688
Ion	Ratio	Lower	Upper
43	100		
45	11.2	7.8	11.8
61	9.5	7.4	11.0
70	8.2	6.1	9.1



#26
Hexane
Concen: 1.708 ppbv
RT: 5.86 min Scan# 1485
Delta R.T. -0.02 min
Lab File: VL032180.D
Acq: 2 Jul 2018 13:49

Tgt Ion:	57	Resp:	276661
Ion	Ratio	Lower	Upper
57	100		
41	87.3	68.6	103.0
43	244.8	168.6	252.8
56	54.6	41.0	61.6





#27

Carbon Disulfide

Concen: 0.136 ppbv

RT: 4.70 min Scan# 1123

Delta R.T. -0.01 min

Lab File: VL032180.D

Acq: 2 Jul 2018 13:49

Instrument :

MSVOA_L

ClientSampleId :

RESIDENT-D-CRAWL-SPACE

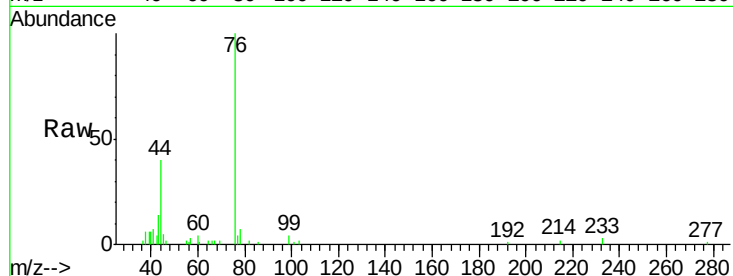
Tgt Ion: 76 Resp: 21868

Ion Ratio Lower Upper

76 100

44 57.0 15.1 22.7#

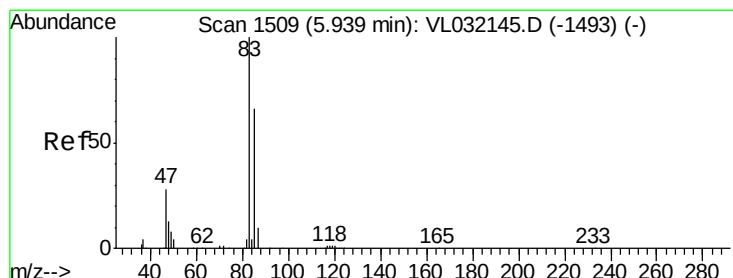
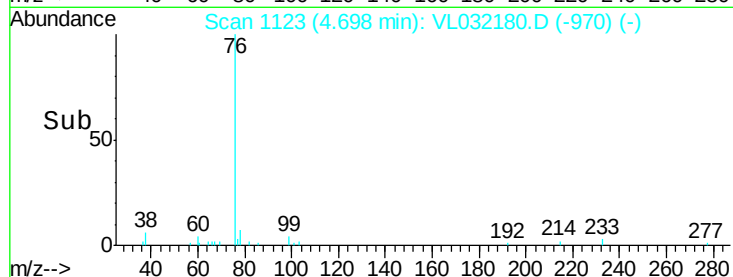
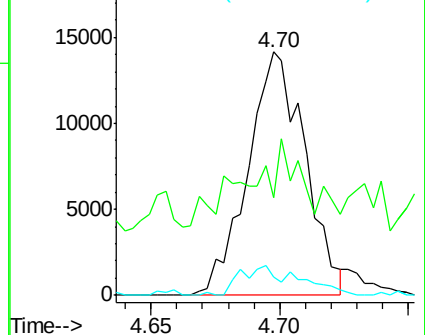
78 13.2 7.2 10.8#



Abundance Ion 76.00 (75.70 to 76.70): VL0

Ion 44.10 (43.80 to 44.80): VL0

Ion 78.00 (77.70 to 78.70): VL0



#29

Chloroform

Concen: 0.036 ppbv

RT: 5.93 min Scan# 1506

Delta R.T. -0.02 min

Lab File: VL032180.D

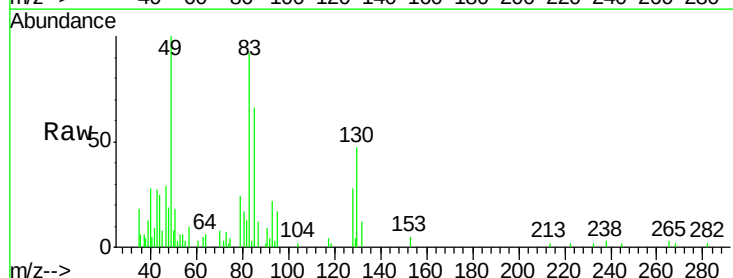
Acq: 2 Jul 2018 13:49

Tgt Ion: 83 Resp: 8395

Ion Ratio Lower Upper

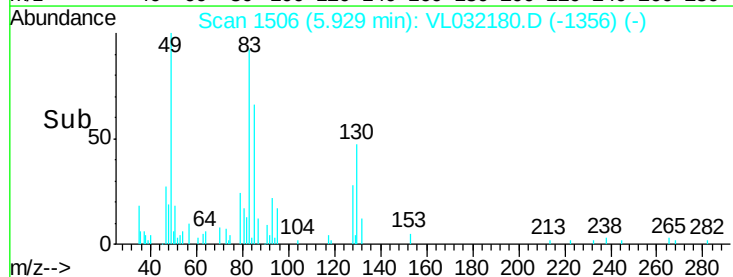
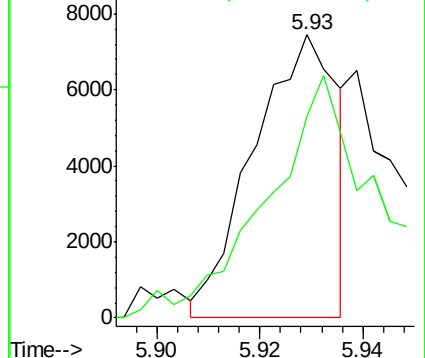
83 100

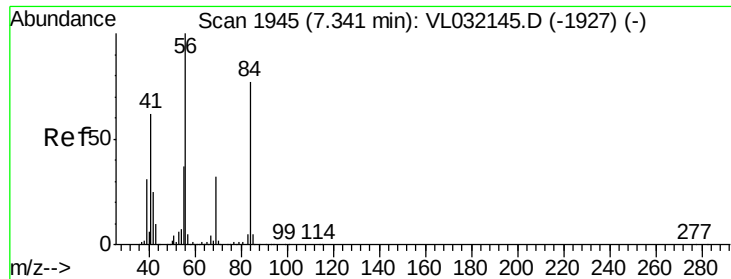
85 67.7 51.6 77.4



Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 85.00 (84.70 to 85.70): VL0

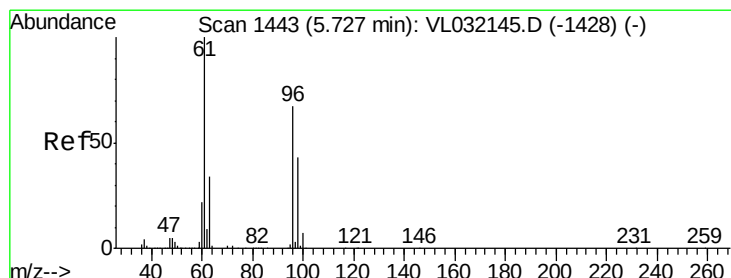
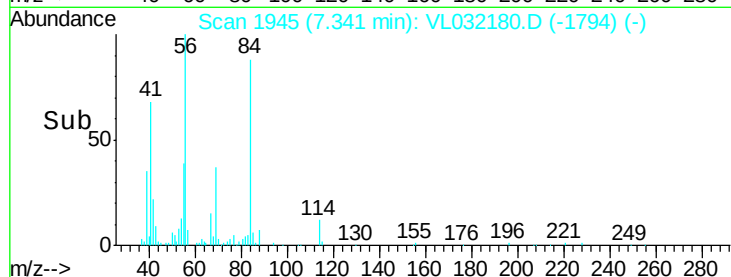
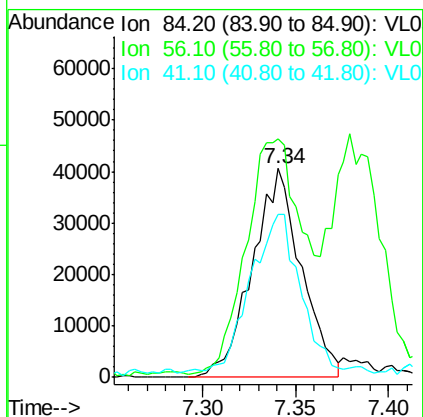
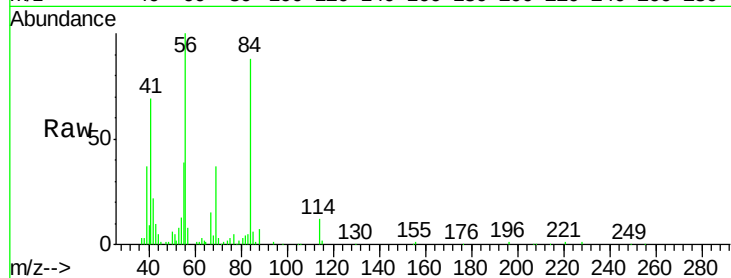




#30
Cyclohexane
Concen: 0.490 ppbv
RT: 7.34 min Scan# 1945
Delta R.T. -0.02 min
Lab File: VL032180.D
Acq: 2 Jul 2018 13:49

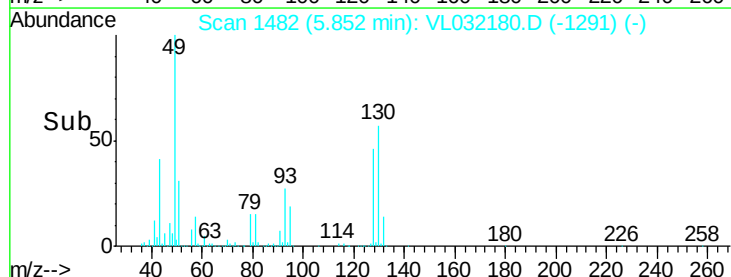
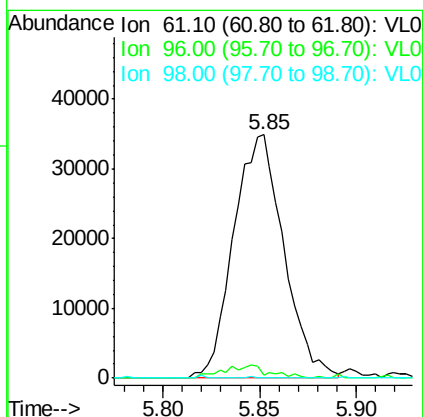
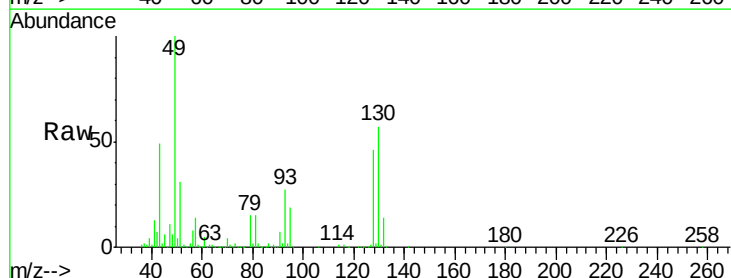
Instrument :
MSVOA_L
ClientSampleId :
RESIDENT-D-CRAWL-SPACE

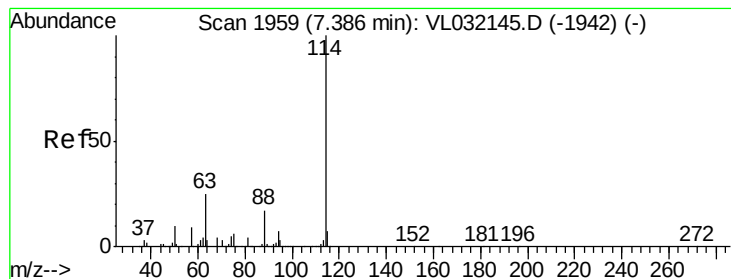
Tgt Ion: 84 Resp: 74840
Ion Ratio Lower Upper
84 100
56 129.7 109.1 163.7
41 76.5 64.6 96.8



#31
cis-1,2-Dichloroethene
Concen: 0.389 ppbv
RT: 5.85 min Scan# 1482
Delta R.T. 0.11 min
Lab File: VL032180.D
Acq: 2 Jul 2018 13:49

Tgt Ion: 61 Resp: 62894
Ion Ratio Lower Upper
61 100
96 1.1 54.2 81.4#
98 0.0 34.6 52.0#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.38 min Scan# 1958

Delta R.T. -0.02 min

Lab File: VL032180.D

Acq: 2 Jul 2018 13:49

Instrument :

MSVOA_L

ClientSampleId :

RESIDENT-D-CRAWL-SPACE

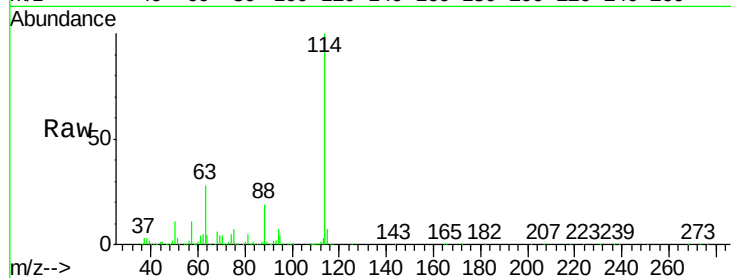
Tgt Ion:114 Resp: 3773850

Ion Ratio Lower Upper

114 100

63 27.2 19.1 28.7

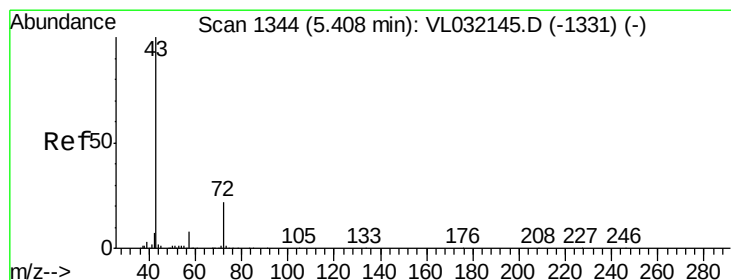
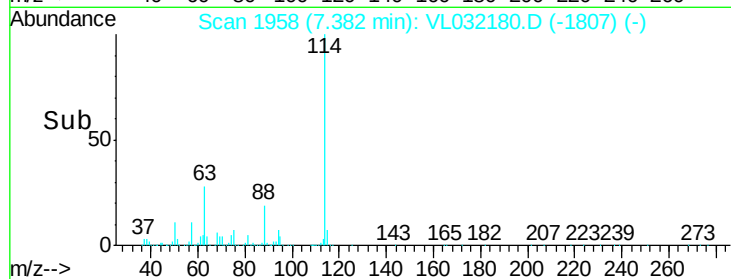
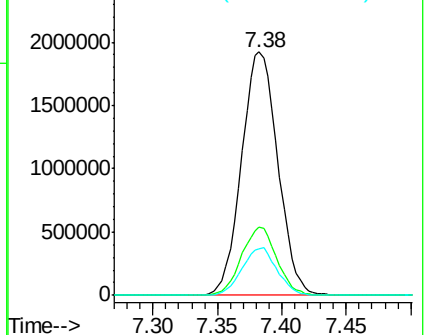
88 19.1 13.9 20.9



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: 1.344 ppbv

RT: 5.41 min Scan# 1346

Delta R.T. -0.01 min

Lab File: VL032180.D

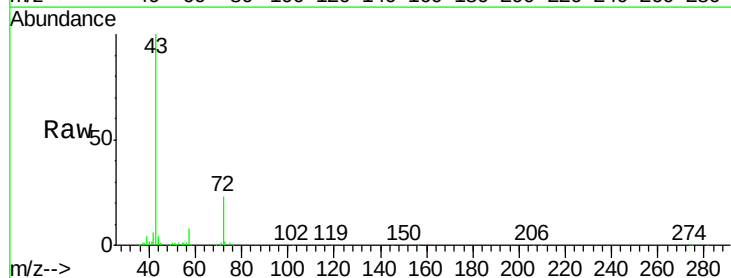
Acq: 2 Jul 2018 13:49

Tgt Ion: 43 Resp: 321938

Ion Ratio Lower Upper

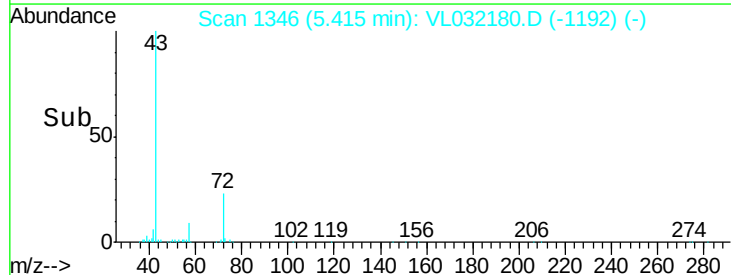
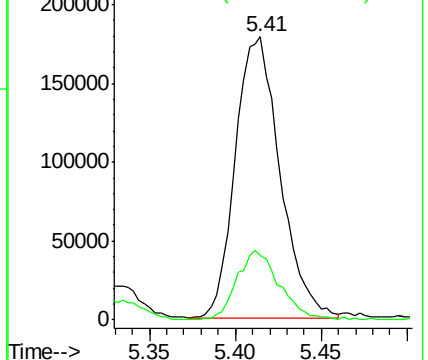
43 100

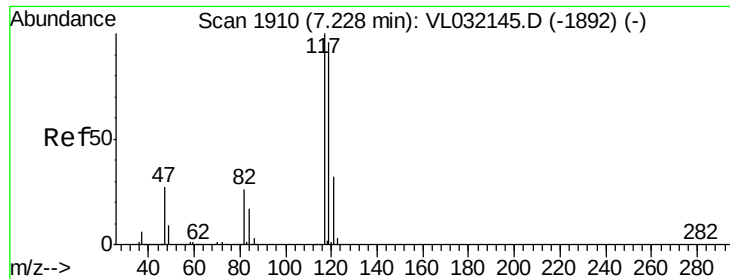
72 24.1 18.4 27.6



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 72.10 (71.80 to 72.80): VL0





#35

Carbon Tetrachloride

Concen: 0.059 ppbv

RT: 7.22 min Scan# 1907

Delta R.T. -0.02 min

Lab File: VL032180.D

Acq: 2 Jul 2018 13:49

Instrument :

MSVOA_L

ClientSampleId :

RESIDENT-D-CRAWL-SPACE

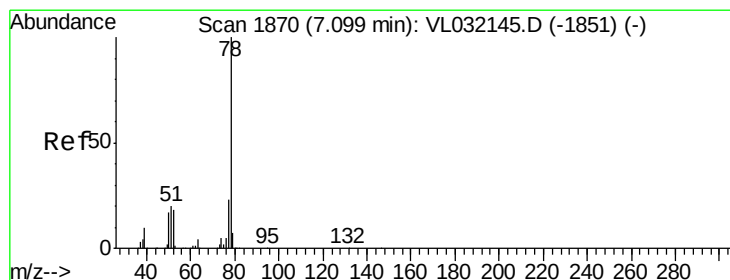
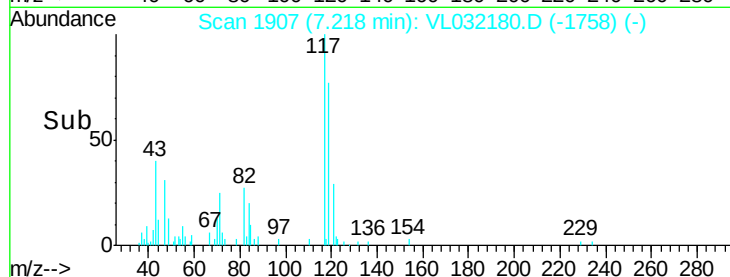
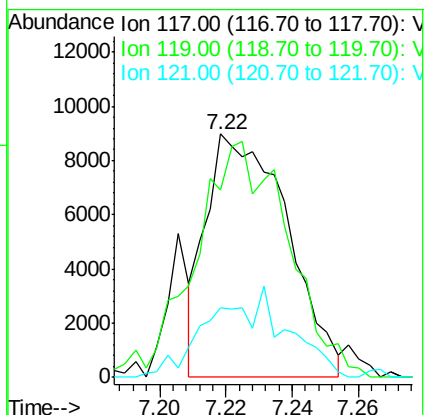
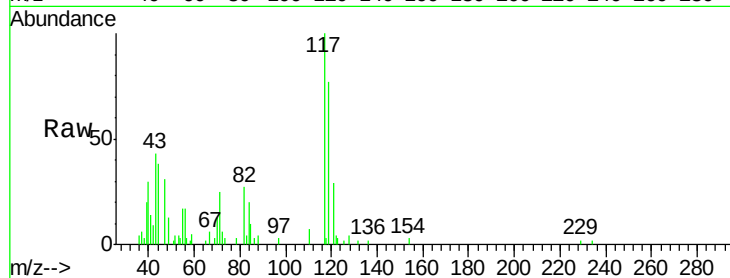
Tgt Ion: 117 Resp: 15220

Ion Ratio Lower Upper

117 100

119 67.3 74.8 112.2#

121 28.1 24.0 36.0



#36

Benzene

Concen: 0.149 ppbv

RT: 7.10 min Scan# 1869

Delta R.T. -0.02 min

Lab File: VL032180.D

Acq: 2 Jul 2018 13:49

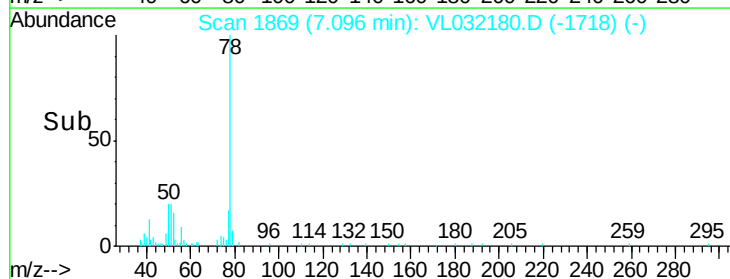
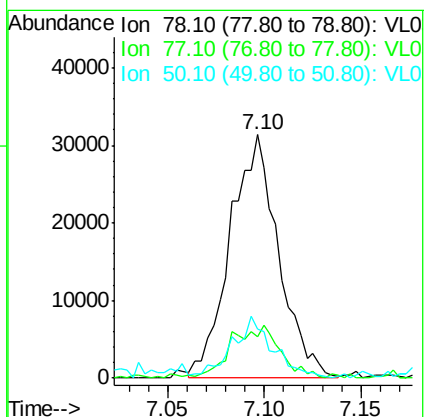
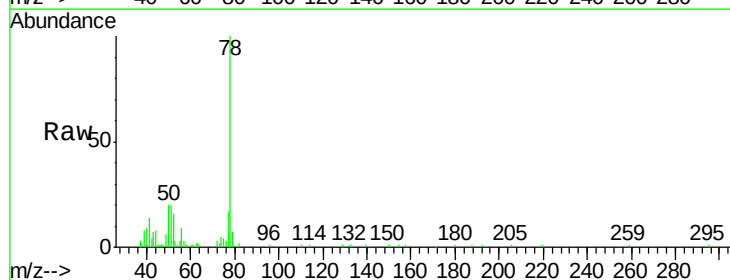
Tgt Ion: 78 Resp: 54583

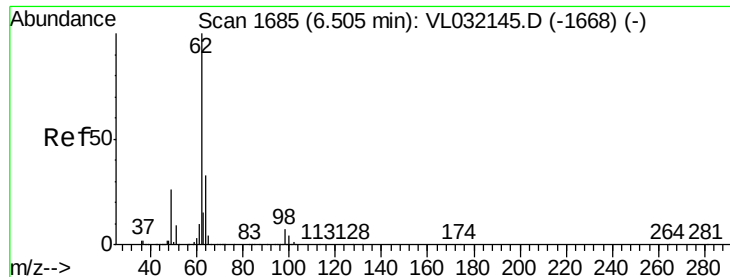
Ion Ratio Lower Upper

78 100

77 15.6 17.7 26.5#

50 19.2 14.0 21.0





#37

1,2-Dichloroethane

Concen: 0.066 ppbv

RT: 6.50 min Scan# 1684

Delta R.T. -0.02 min

Lab File: VL032180.D

Acq: 2 Jul 2018 13:49

Instrument :

MSVOA_L

ClientSampleId :

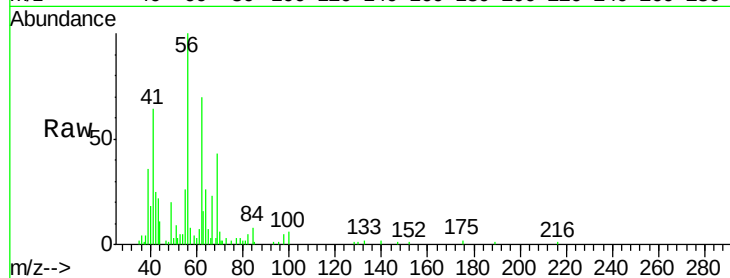
RESIDENT-D-CRAWL-SPACE

Tgt Ion: 62 Resp: 12087

Ion Ratio Lower Upper

62 100

98 0.0 5.8 8.6#



Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 98.00 (97.70 to 98.70): VL0

15000

10000

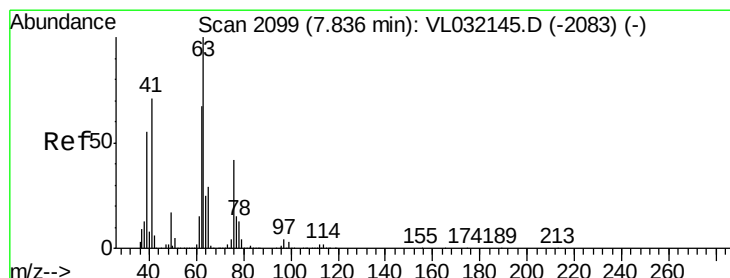
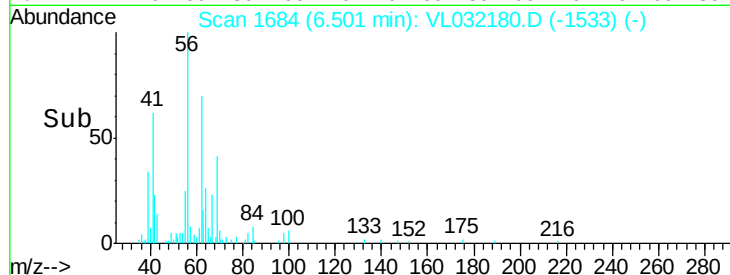
6.50

5000

0

6.49 6.50 6.51

Time-->



#39

1,2-Dichloropropane

Concen: 7.036 ppbv

RT: 7.38 min Scan# 1958

Delta R.T. -0.47 min

Lab File: VL032180.D

Acq: 2 Jul 2018 13:49

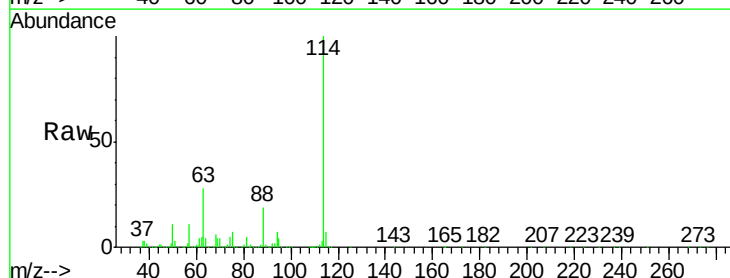
Tgt Ion: 63 Resp: 1013544

Ion Ratio Lower Upper

63 100

41 0.0 53.3 79.9#

62 16.6 54.8 82.2#



Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 62.10 (61.80 to 62.80): VL0

600000

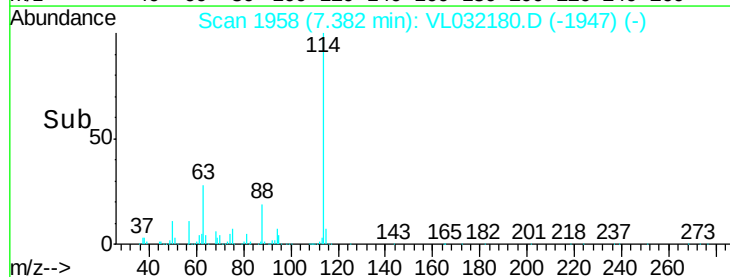
400000

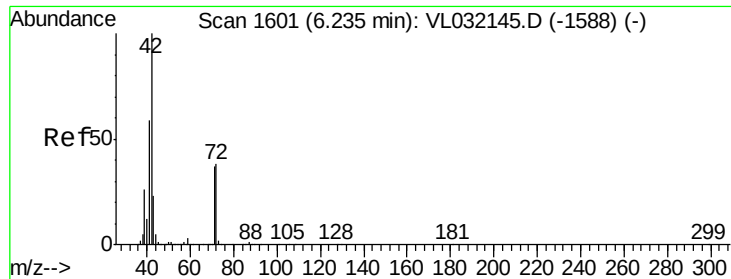
200000

0

7.30 7.35 7.40 7.45

Time-->





#41

Tetrahydrofuran

Concen: 0.048 ppbv

RT: 6.24 min Scan# 1603

Delta R.T. -0.01 min

Lab File: VL032180.D

Acq: 2 Jul 2018 13:49

Instrument :

MSVOA_L

ClientSampleId :

RESIDENT-D-CRAWL-SPACE

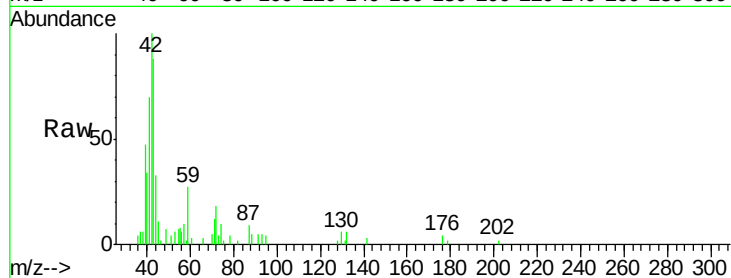
Tgt Ion: 42 Resp: 6942

Ion Ratio Lower Upper

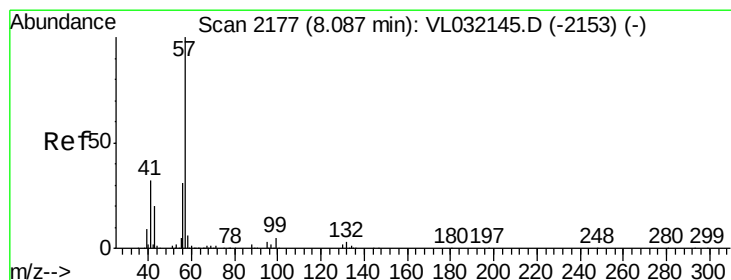
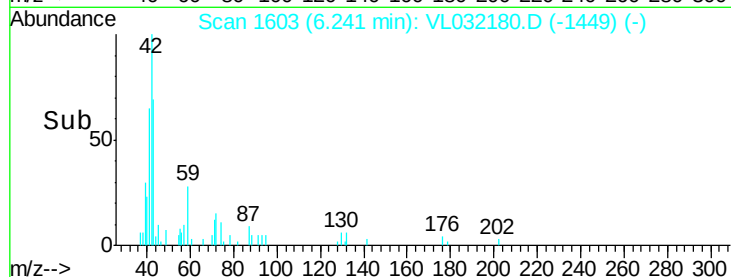
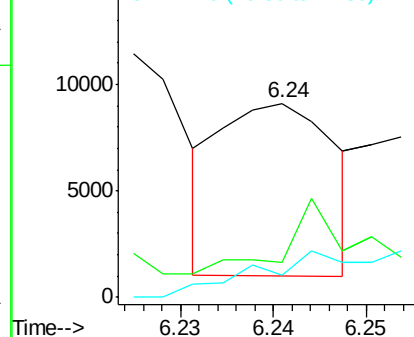
42 100

72 78.1 31.1 46.7#

71 0.0 29.5 44.3#



Abundance Ion 42.10 (41.80 to 42.80): VL0
Ion 72.10 (71.80 to 72.80): VL0
Ion 71.10 (70.80 to 71.80): VL0



#44

2,2,4-Trimethylpentane

Concen: 0.084 ppbv

RT: 8.08 min Scan# 2176

Delta R.T. -0.02 min

Lab File: VL032180.D

Acq: 2 Jul 2018 13:49

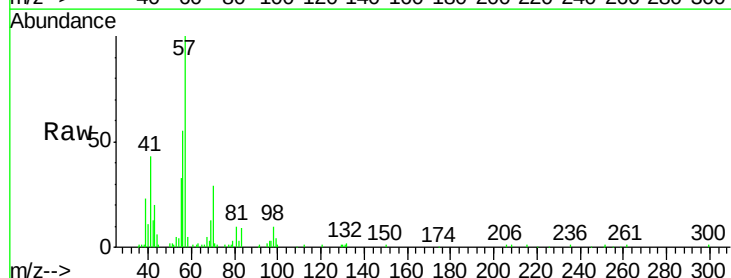
Tgt Ion: 57 Resp: 53578

Ion Ratio Lower Upper

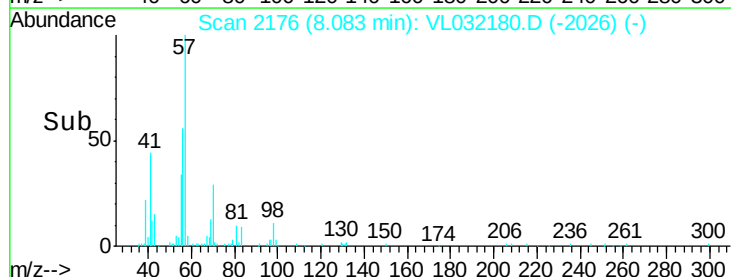
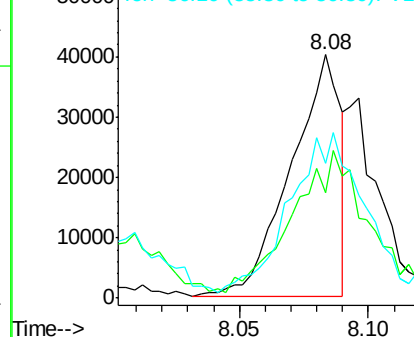
57 100

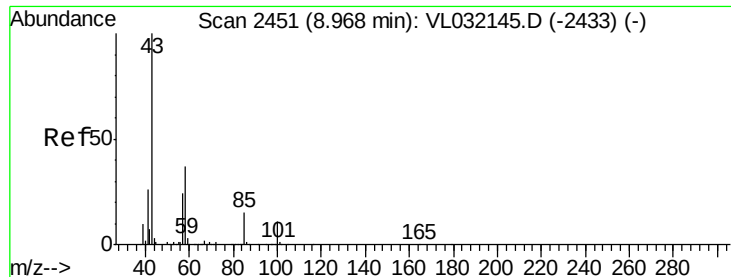
41 105.4 24.3 36.5#

56 104.3 25.1 37.7#



Abundance Ion 57.10 (56.80 to 57.80): VL0
Ion 41.10 (40.80 to 41.80): VL0
Ion 56.10 (55.80 to 56.80): VL0

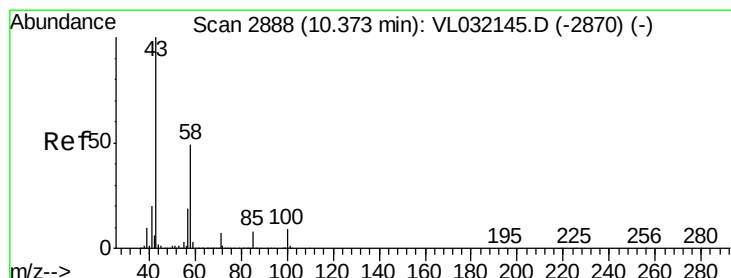
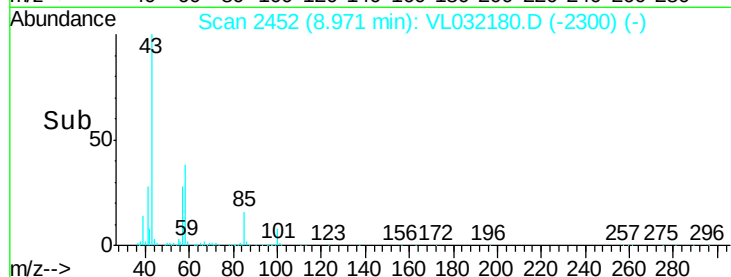
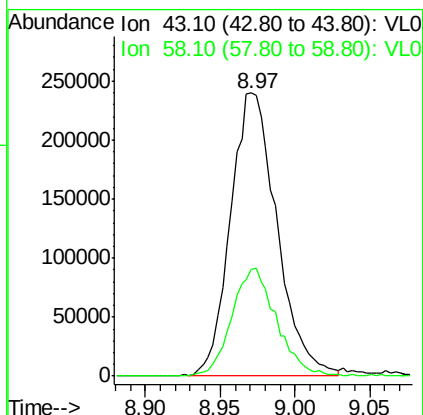
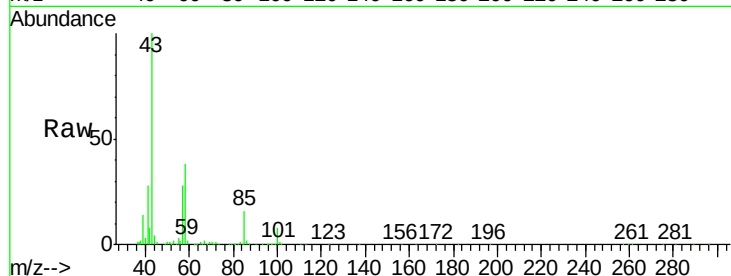




#50
 4-Methyl-2-Pentanone
 Concen: 1.306 ppbv
 RT: 8.97 min Scan# 2452
 Delta R.T. -0.01 min
 Lab File: VL032180.D
 Acq: 2 Jul 2018 13:49

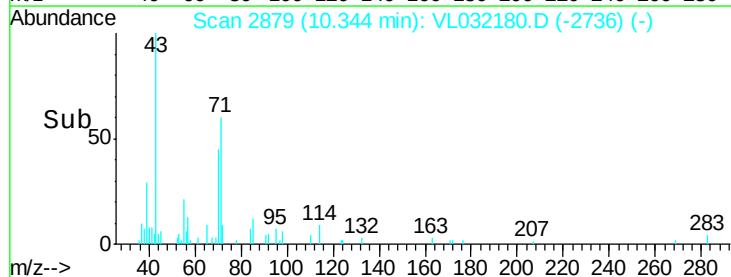
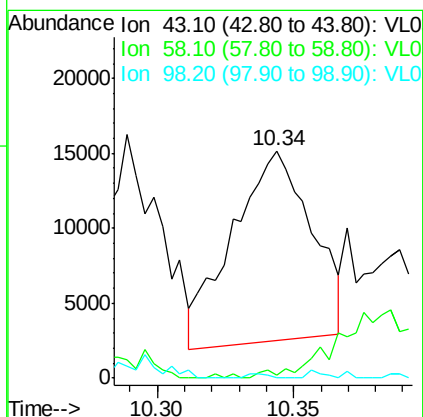
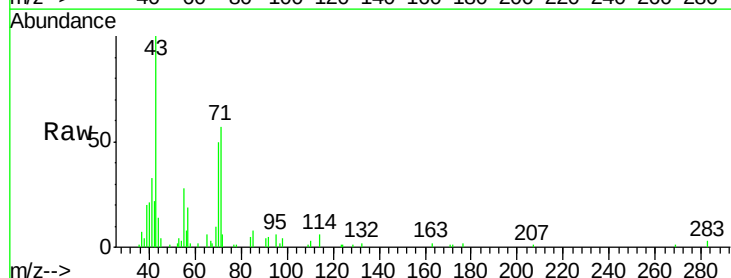
Instrument :
 MSVOA_L
 ClientSampleId :
 RESIDENT-D-CRAWL-SPACE

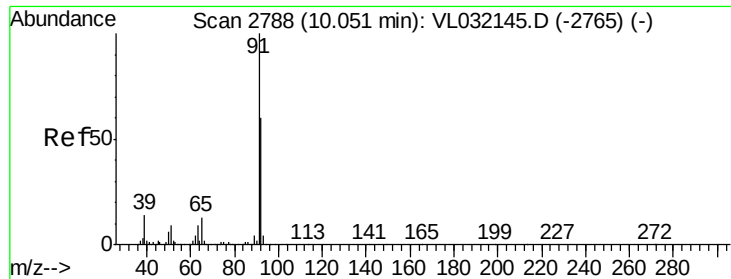
Tgt Ion: 43 Resp: 512515
 Ion Ratio Lower Upper
 43 100
 58 37.1 29.8 44.6



#51
 2-Hexanone
 Concen: 0.079 ppbv
 RT: 10.34 min Scan# 2879
 Delta R.T. -0.04 min
 Lab File: VL032180.D
 Acq: 2 Jul 2018 13:49

Tgt Ion: 43 Resp: 25586
 Ion Ratio Lower Upper
 43 100
 58 0.0 40.6 60.8#
 98 1.7 0.1 0.1#





#53

Toluene

Concen: 6.042 ppbv

RT: 10.04 min Scan# 2786

Delta R.T. -0.02 min

Lab File: VL032180.D

Acq: 2 Jul 2018 13:49

Instrument :

MSVOA_L

ClientSampleId :

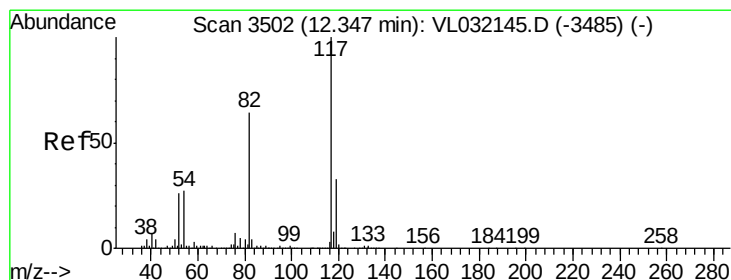
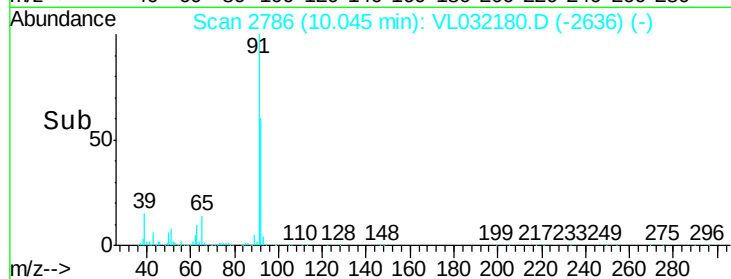
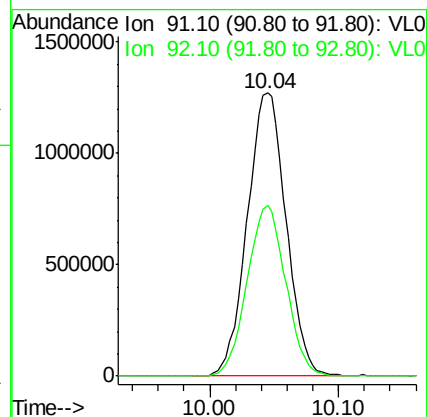
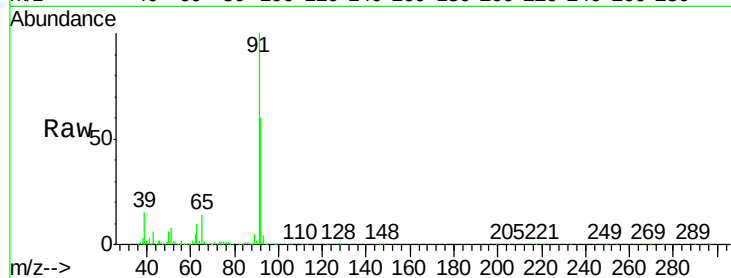
RESIDENT-D-CRAWL-SPACE

Tgt Ion: 91 Resp: 2667415

Ion Ratio Lower Upper

91 100

92 60.2 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: VL032180.D

Acq: 2 Jul 2018 13:49

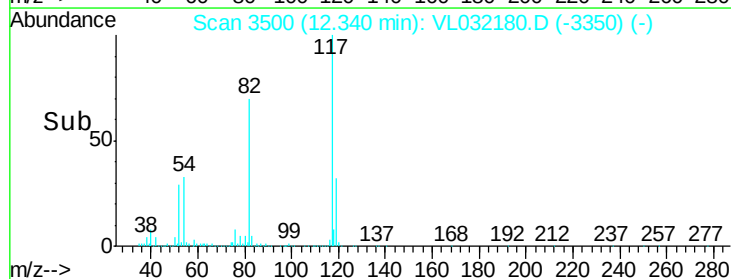
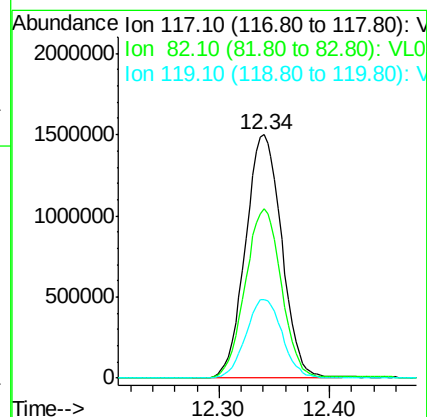
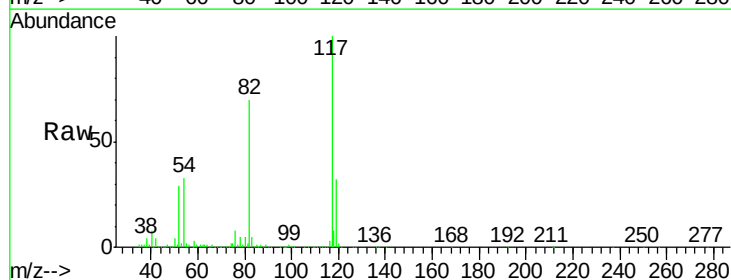
Tgt Ion: 117 Resp: 3414798

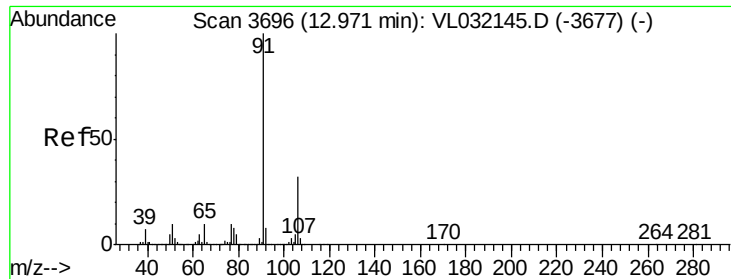
Ion Ratio Lower Upper

117 100

82 69.5 47.8 71.8

119 32.7 43.3 64.9#





#58

Ethyl Benzene

Concen: 0.657 ppbv

RT: 12.96 min Scan# 3694

Delta R.T. -0.02 min

Lab File: VL032180.D

Acq: 2 Jul 2018 13:49

Instrument :

MSVOA_L

ClientSampleId :

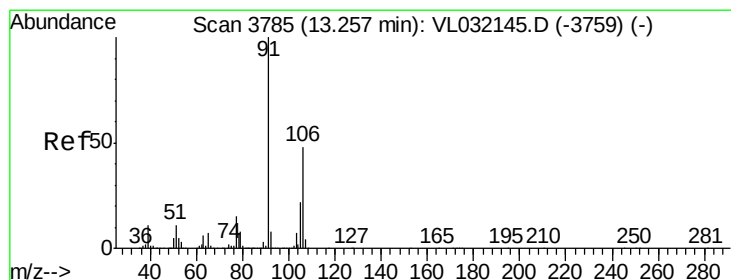
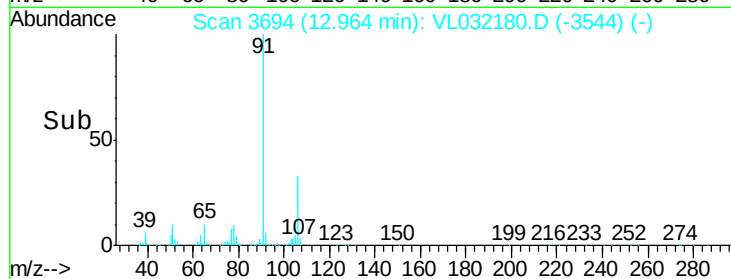
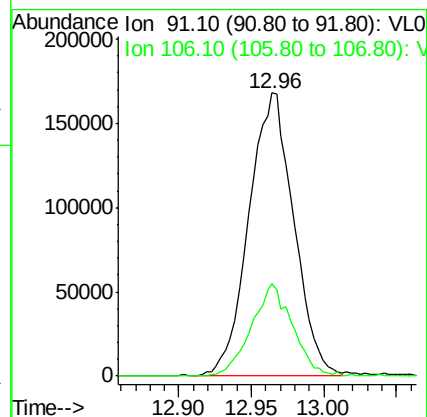
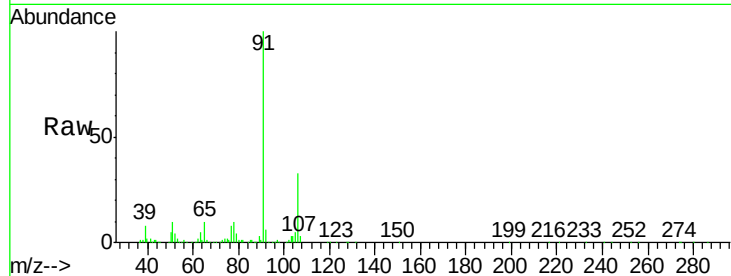
RESIDENT-D-CRAWL-SPACE

Tgt Ion: 91 Resp: 361509

Ion Ratio Lower Upper

91 100

106 32.4 26.5 39.7



#59

m/p-Xylene

Concen: 1.784 ppbv

RT: 13.22 min Scan# 3773

Delta R.T. -0.05 min

Lab File: VL032180.D

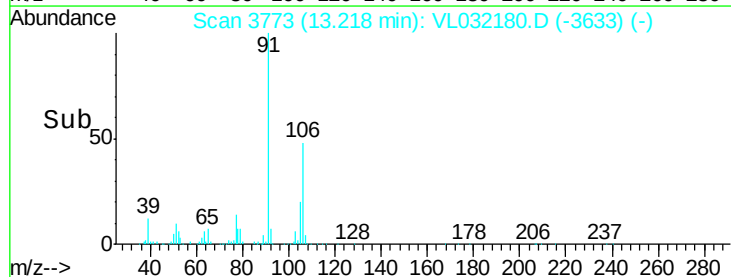
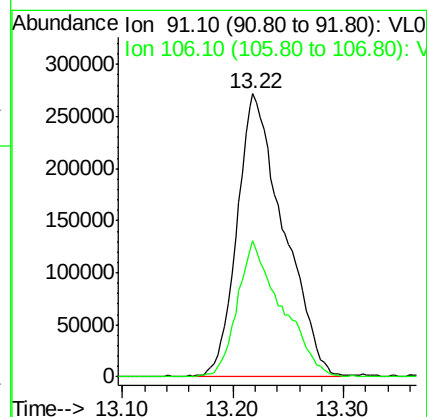
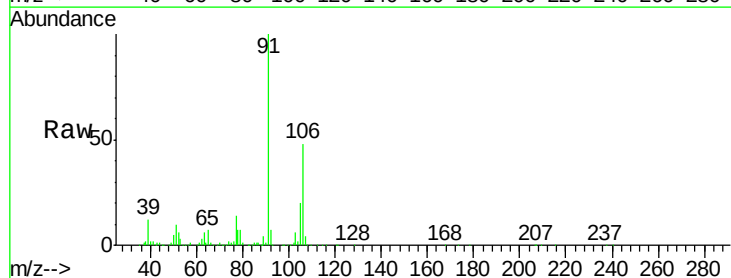
Acq: 2 Jul 2018 13:49

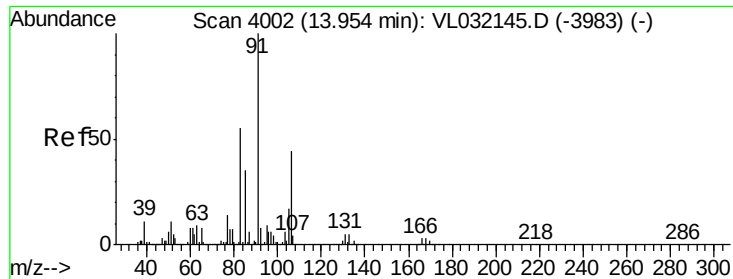
Tgt Ion: 91 Resp: 786985

Ion Ratio Lower Upper

91 100

106 46.1 38.6 58.0

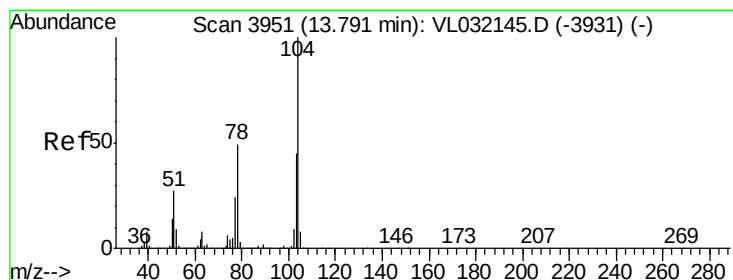
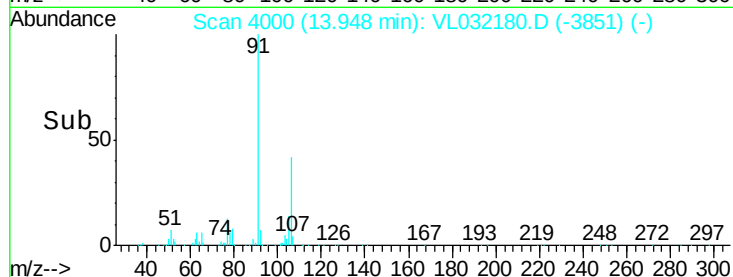
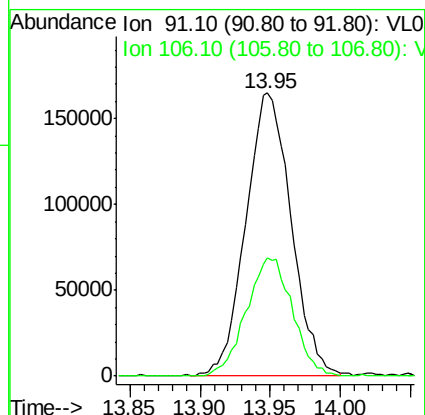
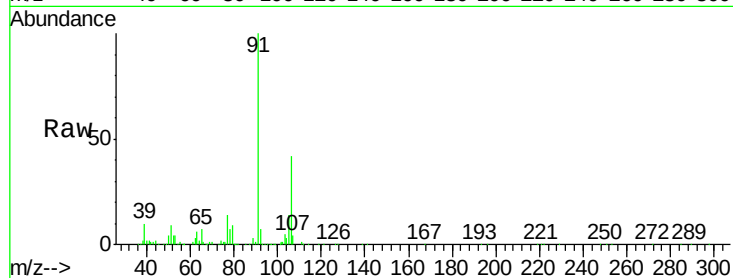




#60
o-Xylene
Concen: 0.837 ppbv
RT: 13.95 min Scan# 4000
Delta R.T. -0.02 min
Lab File: VL032180.D
Acq: 2 Jul 2018 13:49

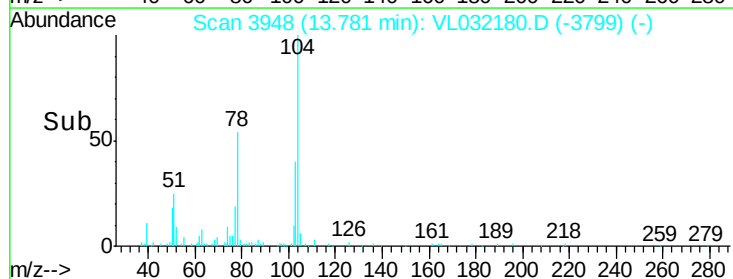
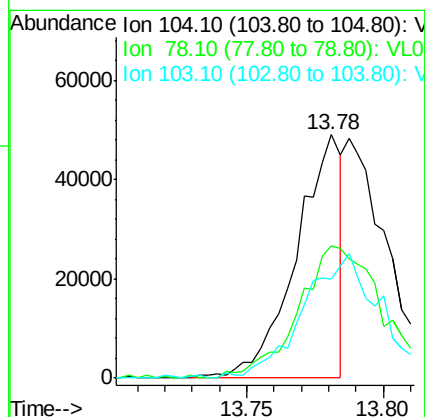
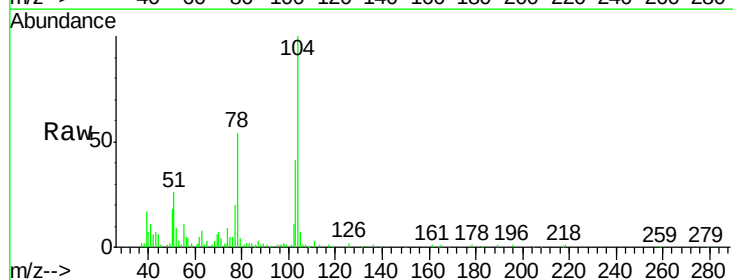
Instrument :
MSVOA_L
ClientSampleId :
RESIDENT-D-CRAWL-SPACE

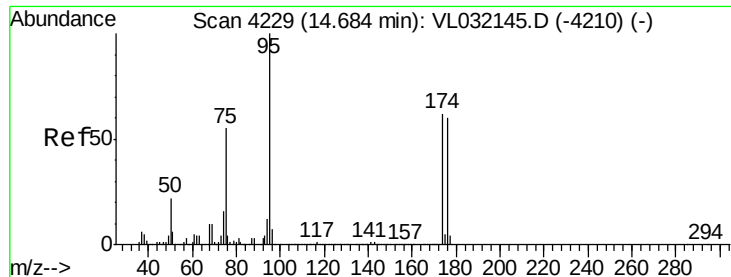
Tgt Ion: 91 Resp: 368186
Ion Ratio Lower Upper
91 100
106 43.0 23.3 69.8



#61
Styrene
Concen: 0.157 ppbv
RT: 13.78 min Scan# 3948
Delta R.T. -0.02 min
Lab File: VL032180.D
Acq: 2 Jul 2018 13:49

Tgt Ion: 104 Resp: 56479
Ion Ratio Lower Upper
104 100
78 102.9 37.9 56.9#
103 0.0 36.6 55.0#

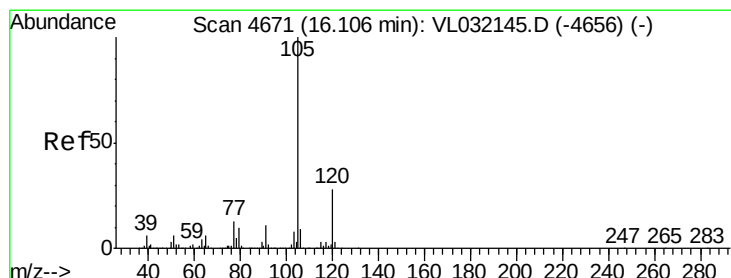
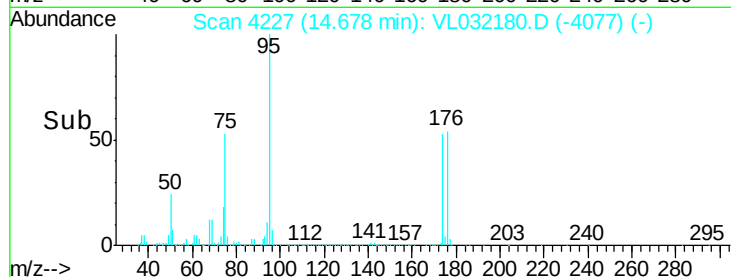
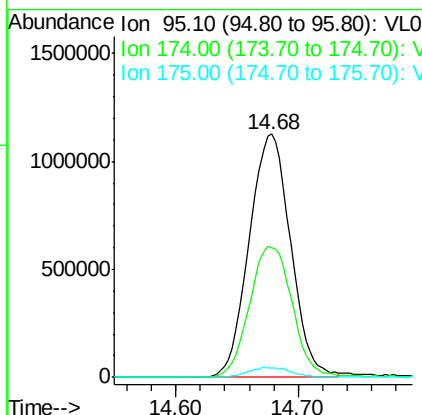
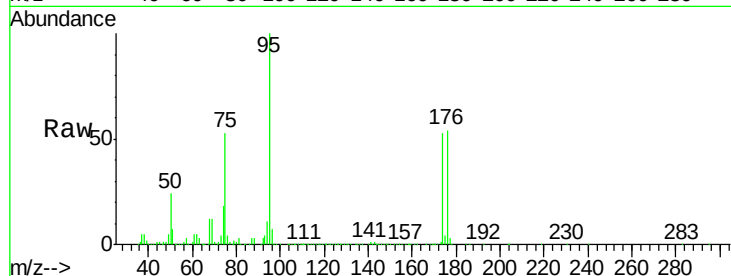




#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.132 ppbv
 RT: 14.68 min Scan# 4227
 Delta R.T. -0.02 min
 Lab File: VL032180.D
 Acq: 2 Jul 2018 13:49

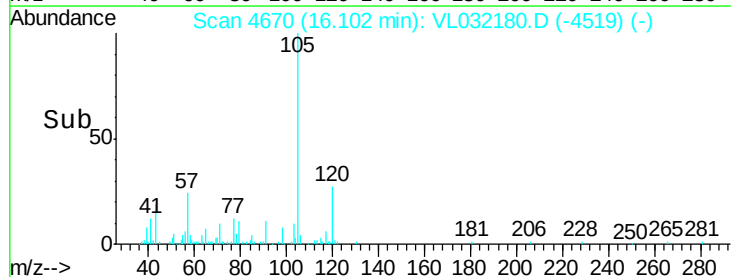
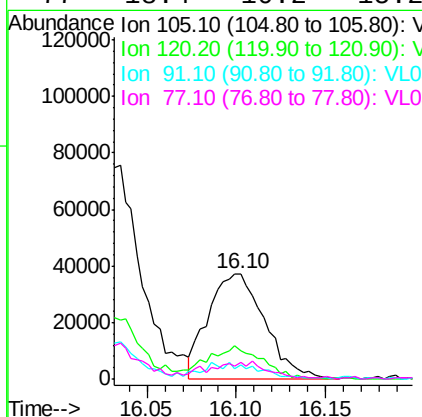
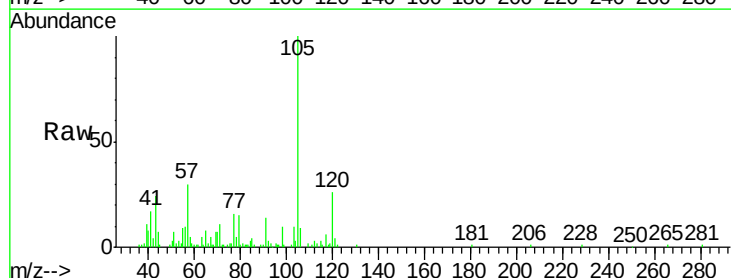
Instrument :
 MSVOA_L
 ClientSampleId :
 RESIDENT-D-CRAWL-SPACE

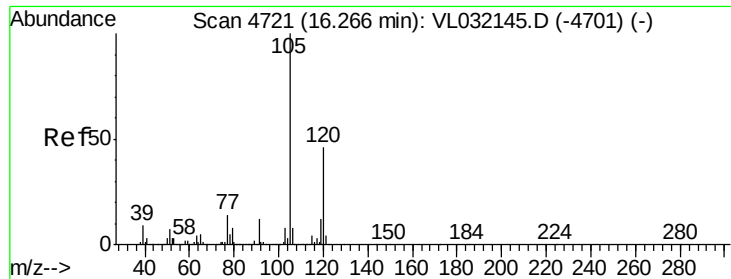
Tgt Ion: 95 Resp: 2644735
 Ion Ratio Lower Upper
 95 100
 174 55.9 52.1 78.1
 175 4.2 4.0 6.0



#72
 4-Ethyltoluene
 Concen: 0.143 ppbv
 RT: 16.10 min Scan# 4670
 Delta R.T. -0.02 min
 Lab File: VL032180.D
 Acq: 2 Jul 2018 13:49

Tgt Ion: 105 Resp: 81127
 Ion Ratio Lower Upper
 105 100
 120 31.4 24.3 36.5
 91 14.9 9.4 14.0#
 77 18.4 10.2 15.2#





#73

1,3,5-Trimethylbenzene

Concen: 0.038 ppbv

RT: 16.26 min Scan# 4718

Delta R.T. -0.02 min

Lab File: VL032180.D

Acq: 2 Jul 2018 13:49

Instrument :

MSVOA_L

ClientSampleId :

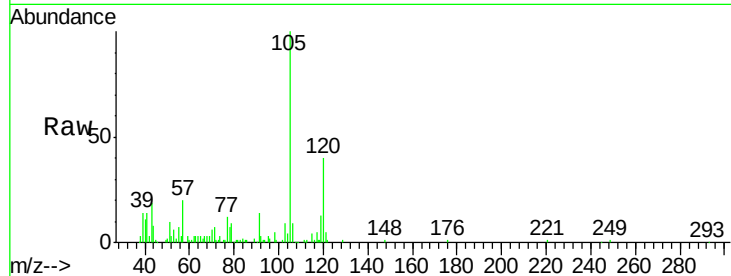
RESIDENT-D-CRAWL-SPACE

Tgt Ion:105 Resp: 20582

Ion Ratio Lower Upper

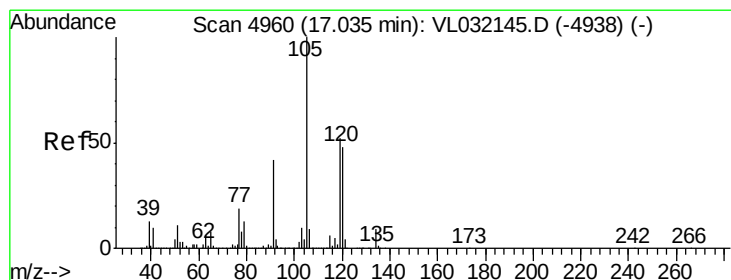
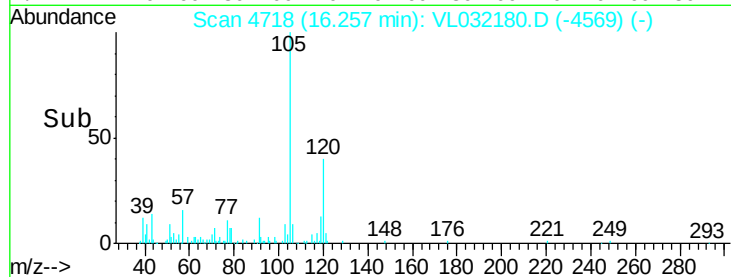
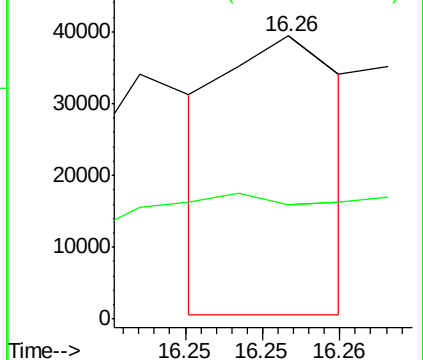
105 100

120 0.0 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: 0.549 ppbv

RT: 17.02 min Scan# 4956

Delta R.T. -0.03 min

Lab File: VL032180.D

Acq: 2 Jul 2018 13:49

Tgt Ion:105 Resp: 296502

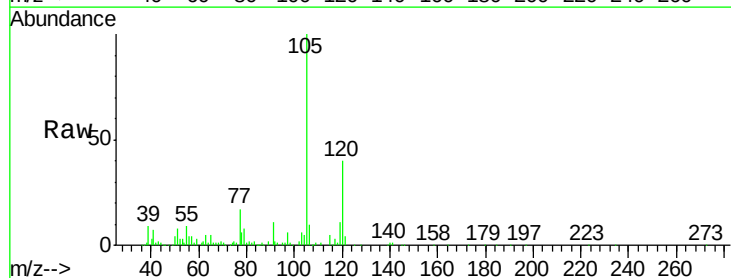
Ion Ratio Lower Upper

105 100

120 40.0 38.8 58.2

91 10.7 33.6 50.4#

77 16.1 16.0 24.0

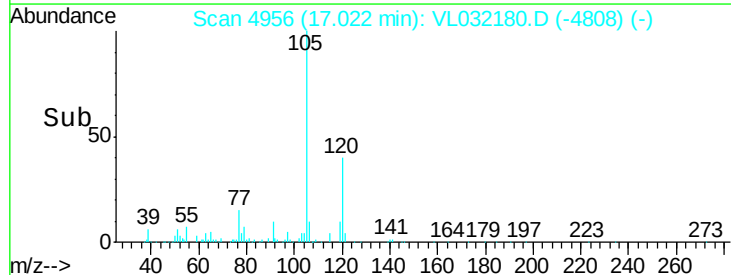
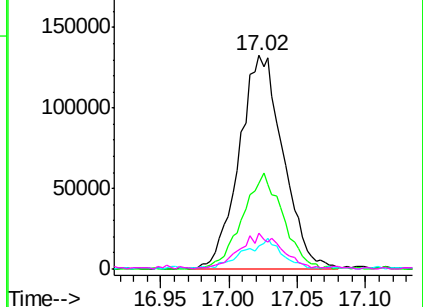


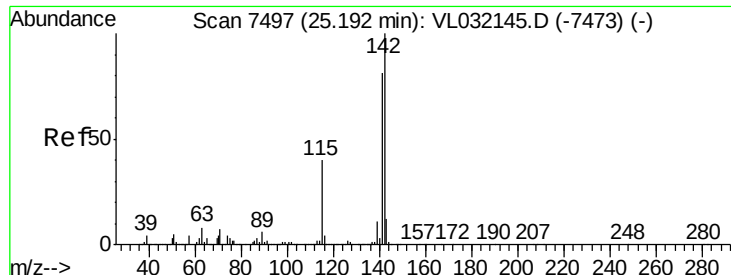
Abundance Ion 105.10 (104.80 to 105.80): V

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: 0.053 ppbv

RT: 25.20 min Scan# 7499

Delta R.T. -0.01 min

Lab File: VL032180.D

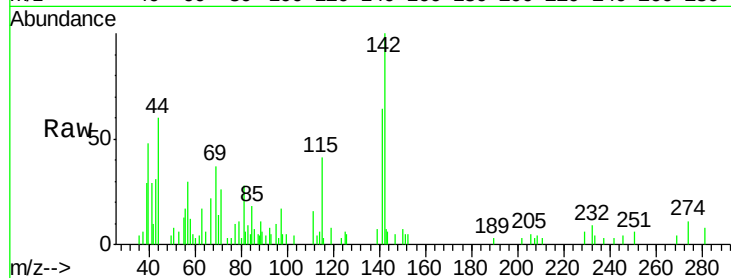
Acq: 2 Jul 2018 13:49

Instrument :

MSVOA_L

ClientSampleId :

RESIDENT-D-CRAWL-SPACE



Tgt Ion:	142	Resp:	9476
Ion	Ratio	Lower	Upper
142	100		
141	82.0	65.8	98.6
115	51.5	29.4	44.0

