

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL072120\
 Data File : VL035217.D
 Acq On : 21 Jul 2020 18:39
 Operator : SY/AP
 Sample : L3290-02
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 BASEMENT-CAFETERIA

Quant Time: Jul 22 00:49:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL070820AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jul 08 07:05:23 2020
 QLast Update : Wed Jul 08 07:05:23 2020
 Response via : Initial Calibration

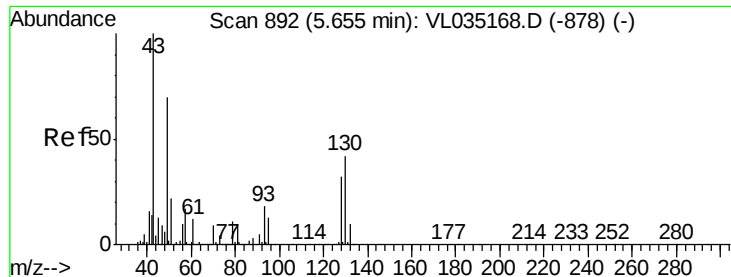
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1042874	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2543015	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	2355503	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.45	95	1977757	10.34	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.40%

Target Compounds					Ovalue
2) Dichlorodifluoromethane	3.00	85	34206	0.234	ppbv 92
3) Chlorodifluoromethane	2.94	51	195982	1.701	ppbv 97
4) Chloromethane	3.10	50	40146	0.618	ppbv 98
9) Propene	2.98	41	51777	1.189	ppbv # 74
10) Heptane	8.13	43	32868	0.294	ppbv 87
11) Trichlorofluoromethane	3.92	101	46803	0.284	ppbv 93
12) 1,1,2-Trichlorotrifluoroet	4.46	101	6782	0.059	ppbv # 61
13) Ethanol	3.57	45	701592	50.619	ppbv 93
15) Acetone	3.82	43	1326430	9.395	ppbv 95
16) 1,3-Butadiene	3.27	39	10328	0.191	ppbv # 35
17) tert-Butyl alcohol	4.29	59	29281	0.234	ppbv # 72
19) Isopropyl Alcohol	3.94	45	290342	3.409	ppbv # 94
20) Methylene Chloride	4.31	84	39478	0.643	ppbv 92
23) Vinyl Acetate	5.04	43	108620	0.711	ppbv # 90
25) Ethyl Acetate	5.67	43	130143	0.594	ppbv # 87
26) Hexane	5.67	57	77243	0.800	ppbv # 46
27) Carbon Disulfide	4.53	76	15305	0.113	ppbv # 81
29) Chloroform	5.74	83	130608	0.806	ppbv 86
30) Cyclohexane	7.13	84	2236	0.031	ppbv # 1
34) 2-Butanone	5.23	43	100433	0.740	ppbv 99
35) Carbon Tetrachloride	7.02	117	7884	0.048	ppbv # 84
36) Benzene	6.89	78	35215	0.191	ppbv # 94
39) 1,2-Dichloropropane	7.18	63	687668	9.395	ppbv # 23
41) Tetrahydrofuran	6.03	42	2517	0.037	ppbv # 35
42) Bromodichloromethane	7.80	83	24691	0.150	ppbv # 86
44) 2,2,4-Trimethylpentane	7.88	57	43153	0.136	ppbv # 69
50) 4-Methyl-2-Pentanone	8.76	43	14402	0.074	ppbv # 38
52) Tetrachloroethene	11.25	164	2550	0.037	ppbv # 89
53) Toluene	9.82	91	578954	2.981	ppbv 99
58) Ethyl Benzene	12.98	91	15004	0.058	ppbv 90
59) m/p-Xylene	13.02	91	11375	0.049	ppbv # 31
60) o-Xylene	13.72	91	11615	0.050	ppbv # 35
74) 1,2,4-Trimethylbenzene	16.80	105	31394	0.113	ppbv # 74
79) Naphthalene	22.26	128	12173	0.068	ppbv # 72
80) Naphthalene,2-methyl-	25.02	142	4635	0.109	ppbv # 71

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 892

Delta R.T. 0.00 min

Lab File: VL035217.D

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BASEMENT-CAFETERIA

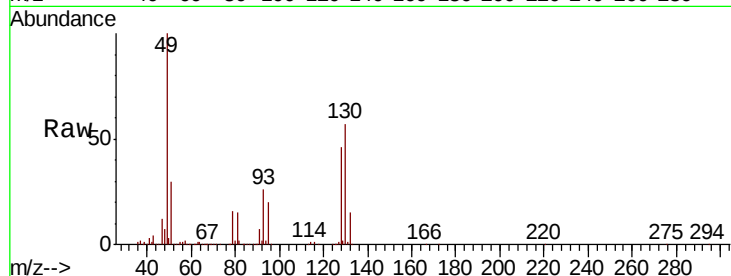
Tot Ion: 49 Resp: 1042874

Ion Ratio Lower Upper

49 100

128 48.4 23.8 71.4

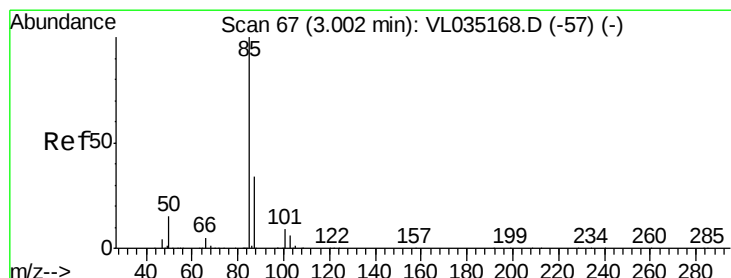
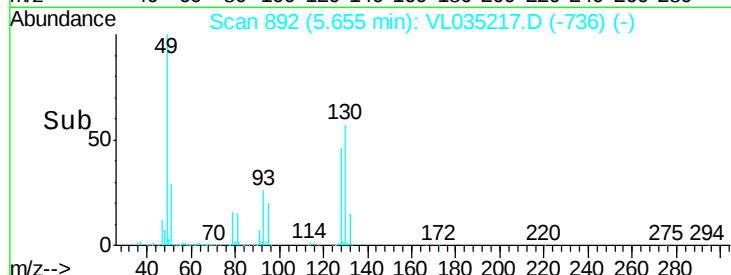
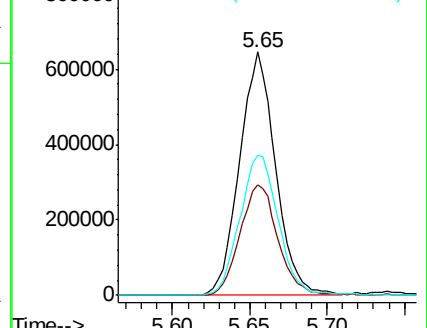
130 61.7 29.9 89.8



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 0.234 ppbv

RT: 3.00 min Scan# 67

Delta R.T. 0.00 min

Lab File: VL035217.D

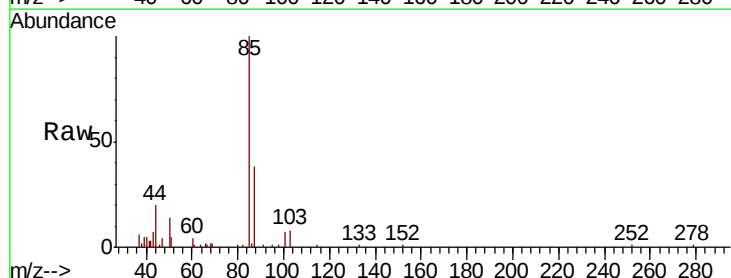
Acq: 21 Jul 2020 18:39

Tgt Ion: 85 Resp: 34206

Ion Ratio Lower Upper

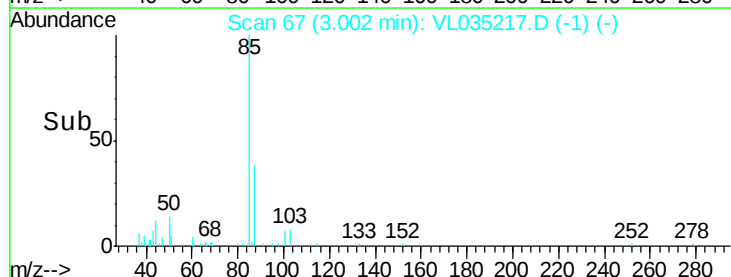
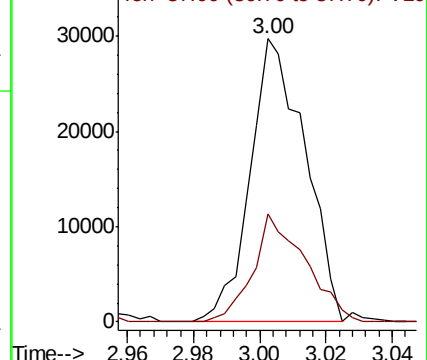
85 100

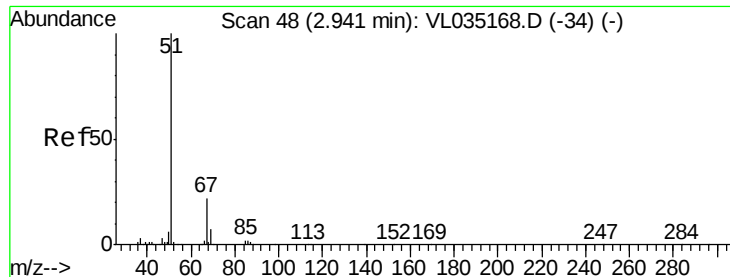
87 38.2 27.0 40.6



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 1.701 ppbv

RT: 2.94 min Scan# 49

Delta R.T. 0.00 min

Lab File: VL035217.D

Acq: 21 Jul 2020 18:39

Instrument :

MSVOA_L

ClientSampleId :

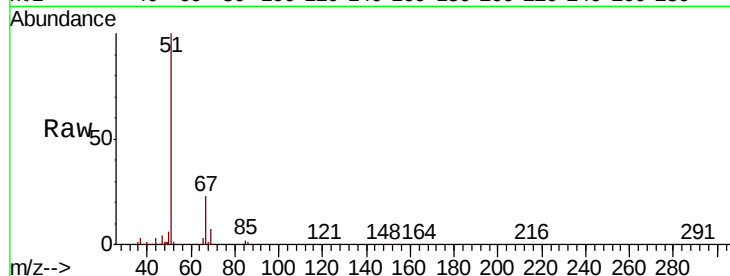
BASEMENT-CAFETERIA

Tot Ion: 51 Resp: 195982

Ion Ratio Lower Upper

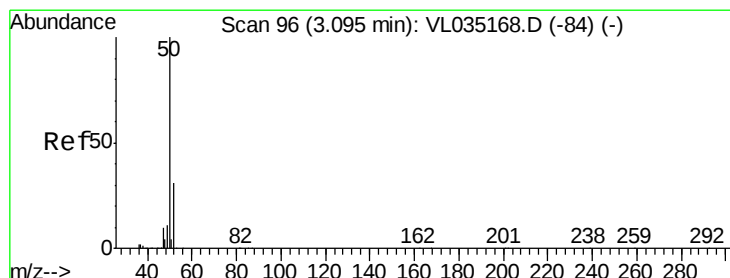
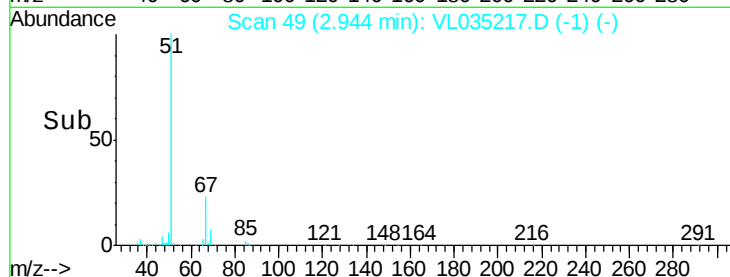
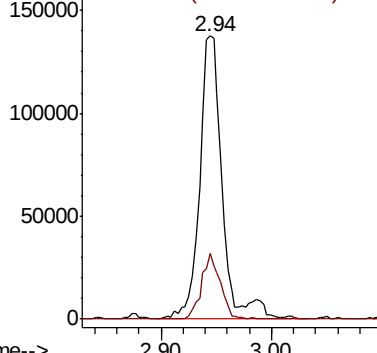
51 100

67 19.3 16.6 24.8



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



#4

Chloromethane

Concen: 0.618 ppbv

RT: 3.10 min Scan# 98

Delta R.T. 0.01 min

Lab File: VL035217.D

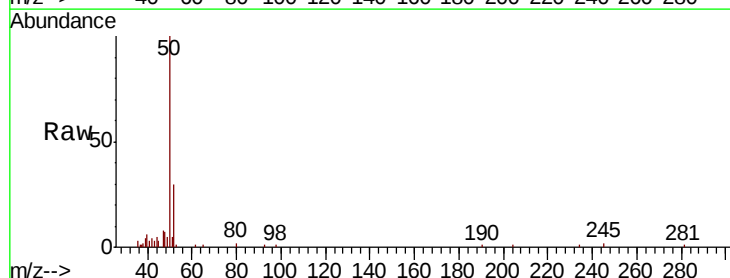
Acq: 21 Jul 2020 18:39

Tgt Ion: 50 Resp: 40146

Ion Ratio Lower Upper

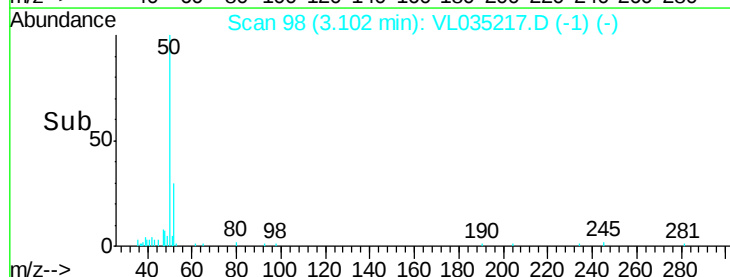
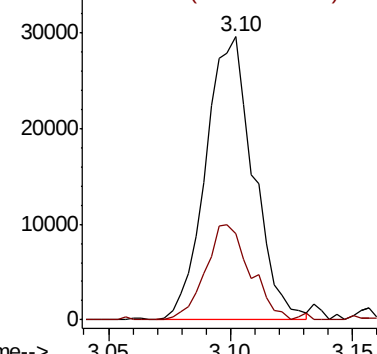
50 100

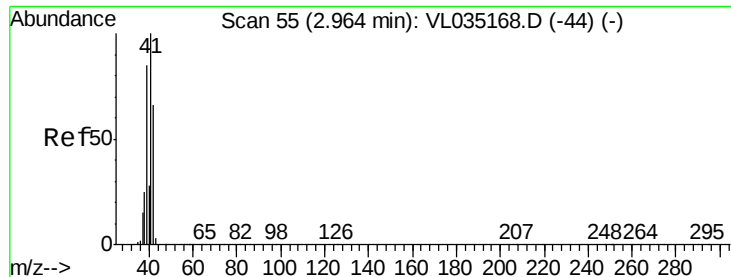
52 30.4 25.0 37.6



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#9

Propene

Concen: 1.189 ppbv

RT: 2.98 min Scan# 60

Delta R.T. 0.02 min

Lab File: VL035217.D

Acq: 21 Jul 2020 18:39

Instrument :

MSVOA_L

ClientSampleId :

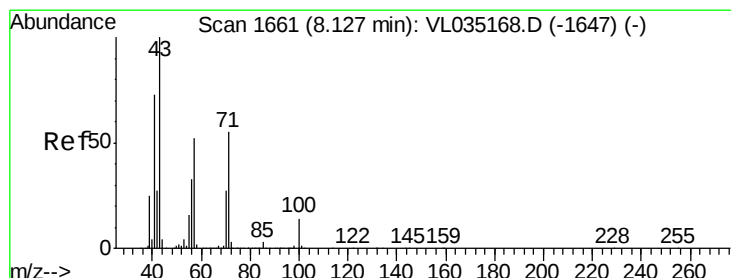
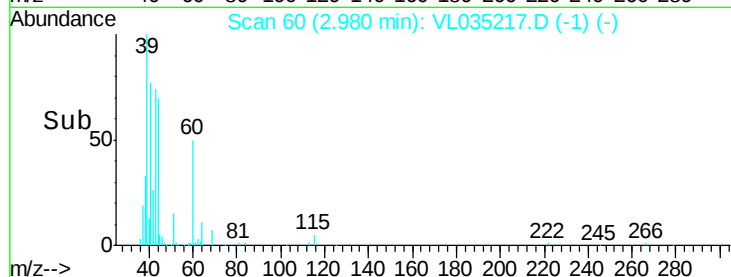
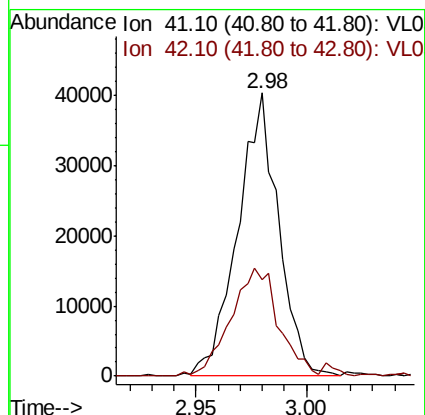
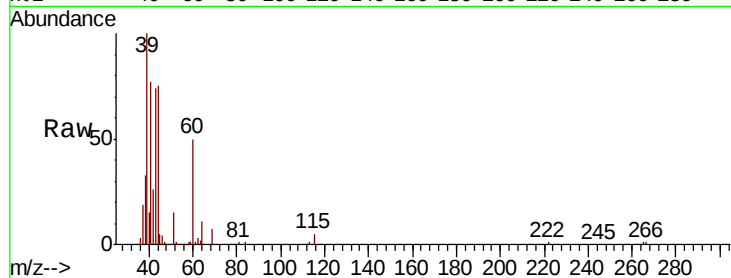
BASEMENT-CAFETERIA

Tot Ion: 41 Resp: 51777

Ion Ratio Lower Upper

41 100

42 46.8 54.6 81.8#



#10

Heptane

Concen: 0.294 ppbv

RT: 8.13 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VL035217.D

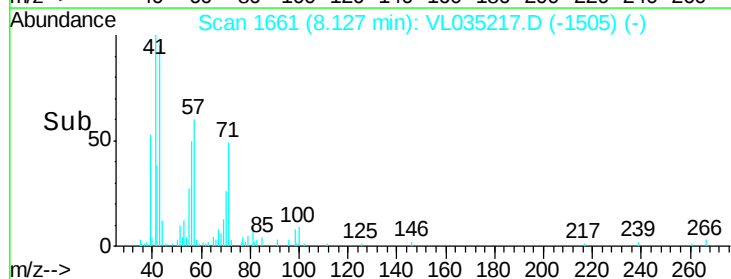
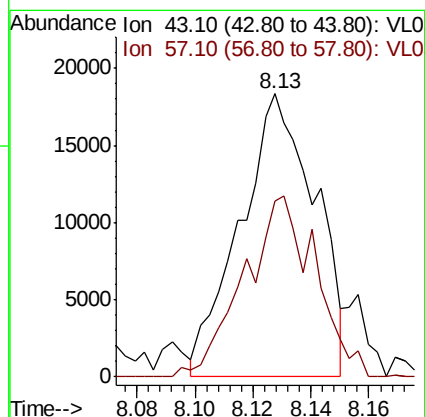
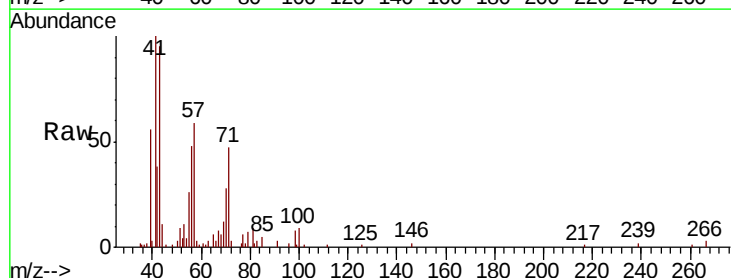
Acq: 21 Jul 2020 18:39

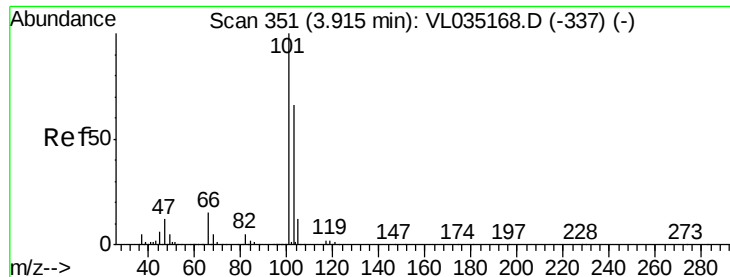
Tgt Ion: 43 Resp: 32868

Ion Ratio Lower Upper

43 100

57 61.1 41.8 62.6

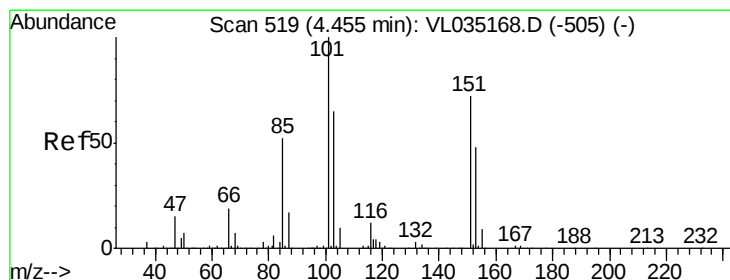
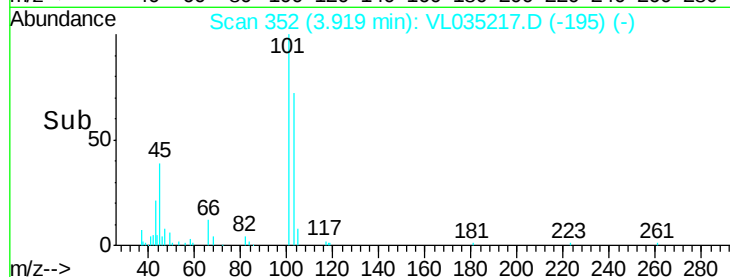
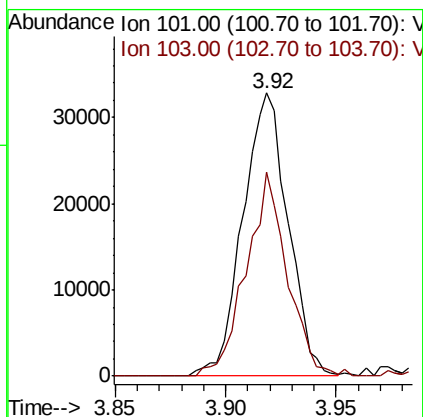
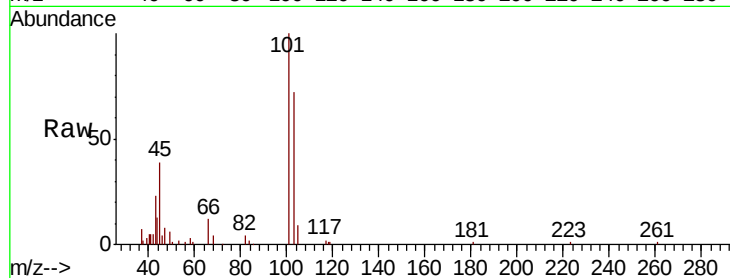




#11
 Trichlorofluoromethane
 Concen: 0.284 ppbv
 RT: 3.92 min Scan# 352
 Delta R.T. 0.00 min
 Lab File: VL035217.D
 Acq: 21 Jul 2020 18:39

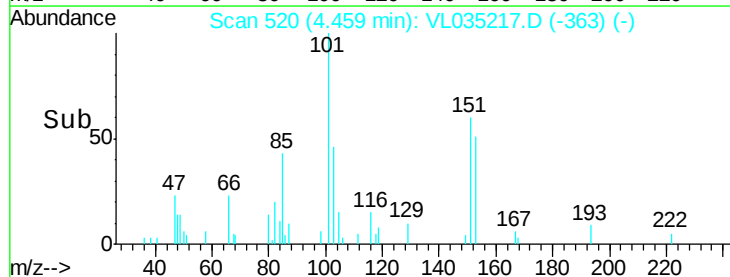
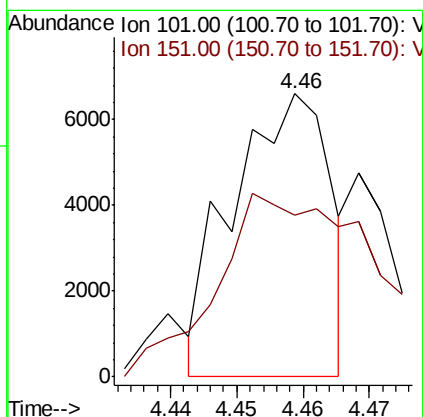
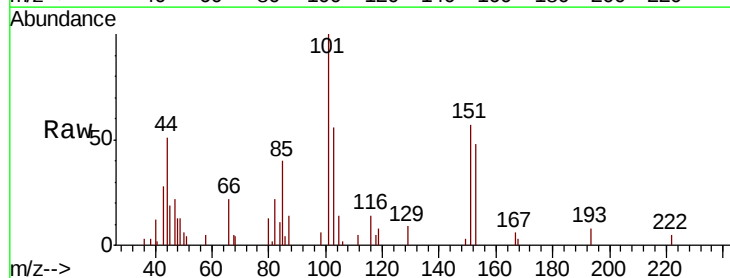
Instrument :
 MSVOA_L
 ClientSampleId :
 BASEMENT-CAFETERIA

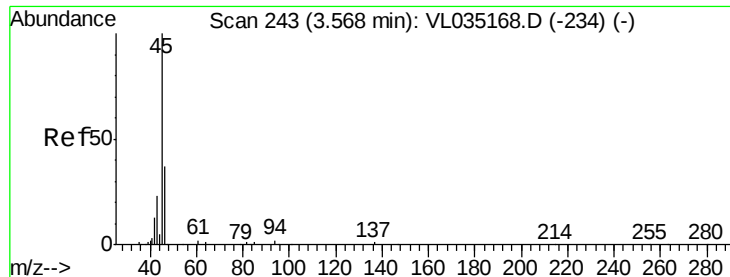
Tot Ion:101 Resp: 46803
 Ion Ratio Lower Upper
 101 100
 103 72.0 53.1 79.7



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.059 ppbv
 RT: 4.46 min Scan# 520
 Delta R.T. 0.00 min
 Lab File: VL035217.D
 Acq: 21 Jul 2020 18:39

Tgt Ion:101 Resp: 6782
 Ion Ratio Lower Upper
 101 100
 151 103.7 57.0 85.4#





#13

Ethanol

Concen: 50.619 ppbv

RT: 3.57 min Scan# 243

Delta R.T. 0.00 min

Lab File: VL035217.D

Acq: 21 Jul 2020 18:39

Instrument :

MSVOA_L

ClientSampleId :

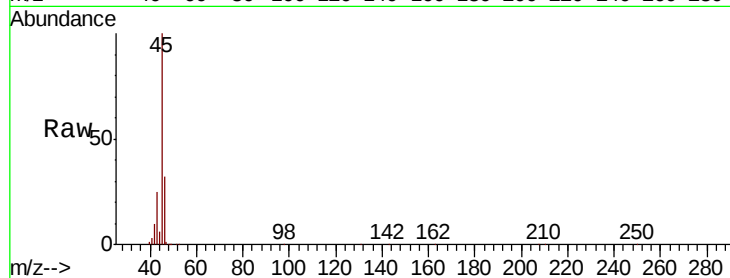
BASEMENT-CAFETERIA

Tot Ion: 45 Resp: 701592

Ion Ratio Lower Upper

45 100

46 36.4 16.2 65.0



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0

3.57

400000

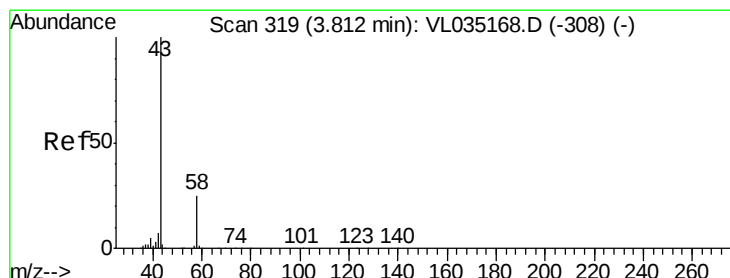
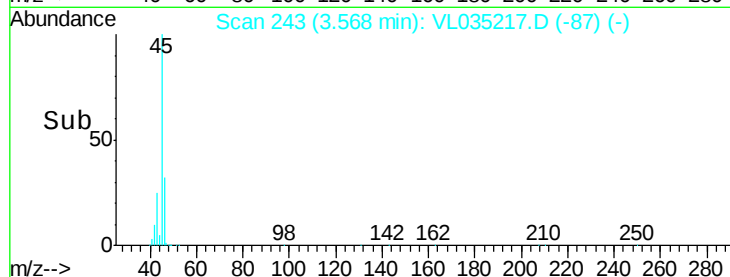
300000

200000

100000

0

Time--> 3.50 3.55 3.60



#15

Acetone

Concen: 9.395 ppbv

RT: 3.82 min Scan# 320

Delta R.T. 0.00 min

Lab File: VL035217.D

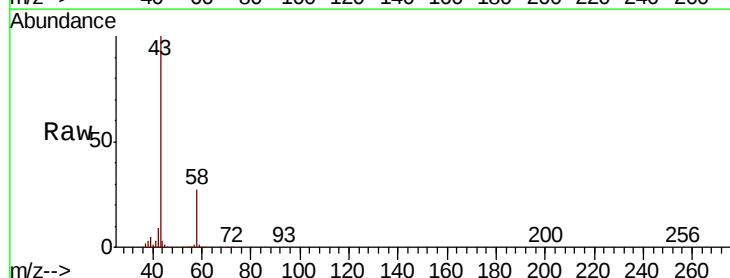
Acq: 21 Jul 2020 18:39

Tgt Ion: 43 Resp: 1326430

Ion Ratio Lower Upper

43 100

58 23.9 21.3 31.9



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

3.82

800000

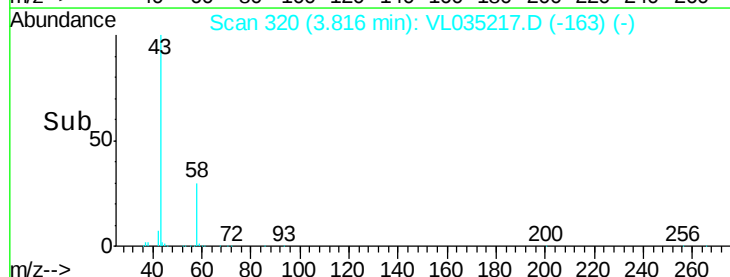
600000

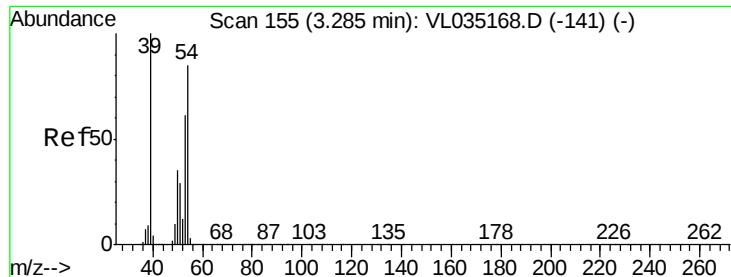
400000

200000

0

Time--> 3.75 3.80 3.85 3.90

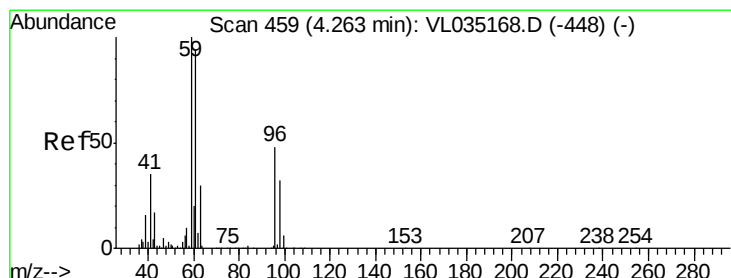
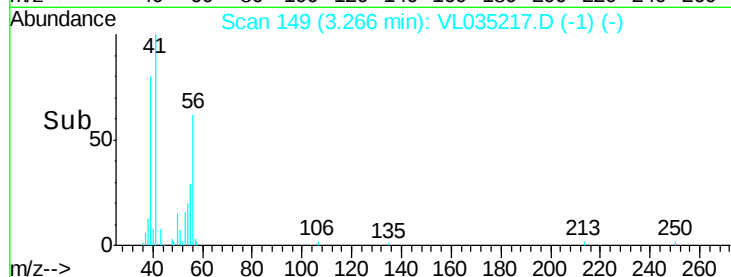
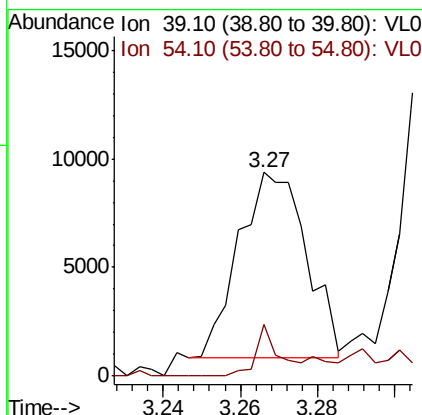
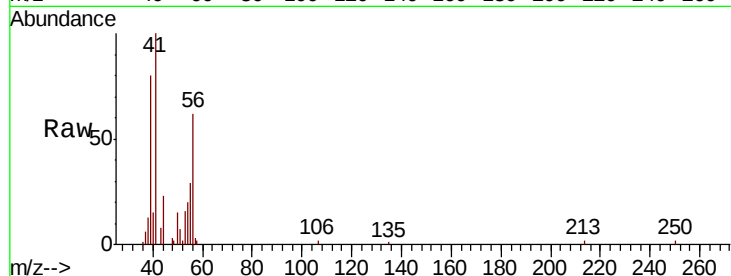




#16
 1,3-Butadiene
 Concen: 0.191 ppbv
 RT: 3.27 min Scan# 149
 Delta R.T. -0.02 min
 Lab File: VL035217.D
 Acq: 21 Jul 2020 18:39

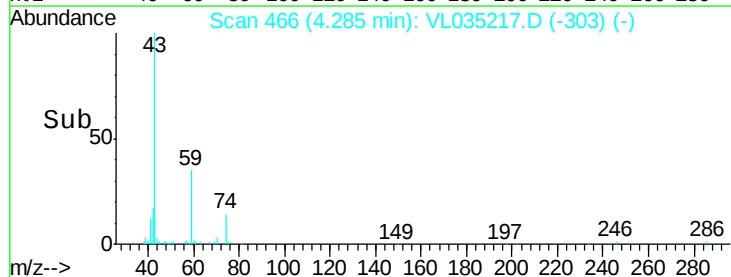
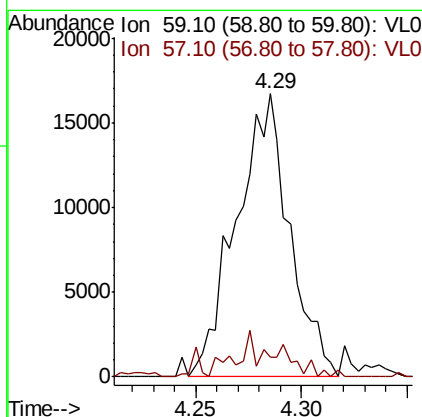
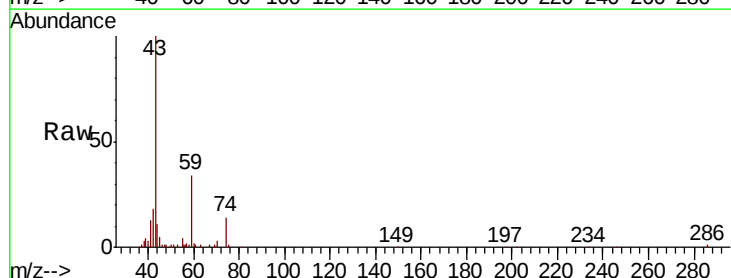
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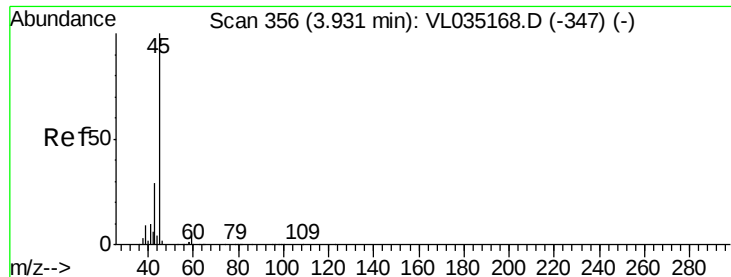
Tot Ion: 39 Resp: 10328
 Ion Ratio Lower Upper
 39 100
 54 25.5 67.2 100.8#



#17
 tert-Butyl alcohol
 Concen: 0.234 ppbv
 RT: 4.29 min Scan# 466
 Delta R.T. 0.02 min
 Lab File: VL035217.D
 Acq: 21 Jul 2020 18:39

Tgt Ion: 59 Resp: 29281
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.6 12.8#





#19

Isopropyl Alcohol

Concen: 3.409 ppbv

RT: 3.94 min Scan# 359

Delta R.T. 0.01 min

Lab File: VL035217.D

Acq: 21 Jul 2020 18:39

Instrument :

MSVOA_L

ClientSampleId :

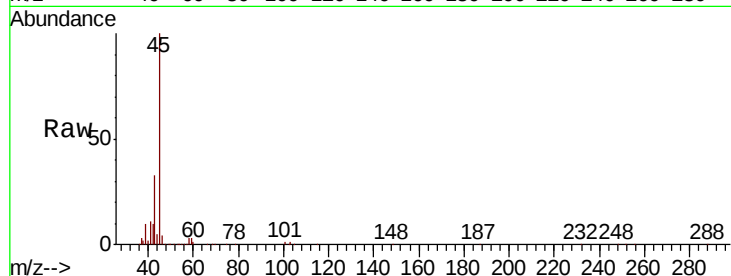
BASEMENT-CAFETERIA

Tot Ion: 45 Resp: 290342

Ion Ratio Lower Upper

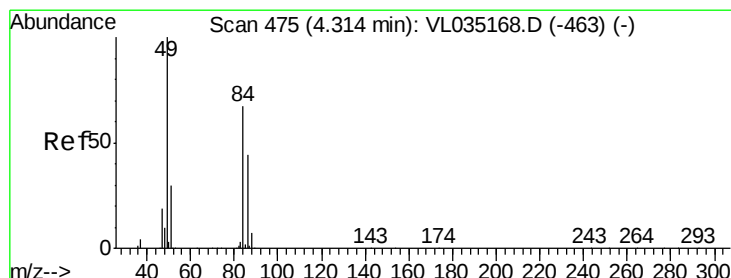
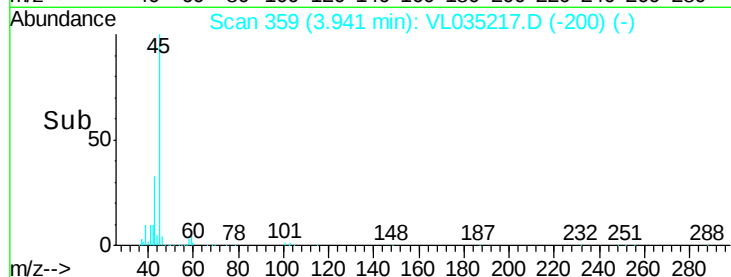
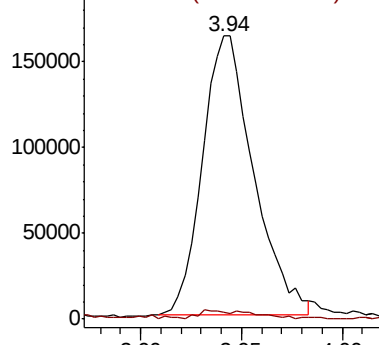
45 100

58 4.7 2.1 3.1#



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



#20

Methylene Chloride

Concen: 0.643 ppbv

RT: 4.31 min Scan# 475

Delta R.T. 0.00 min

Lab File: VL035217.D

Acq: 21 Jul 2020 18:39

Tgt Ion: 84 Resp: 39478

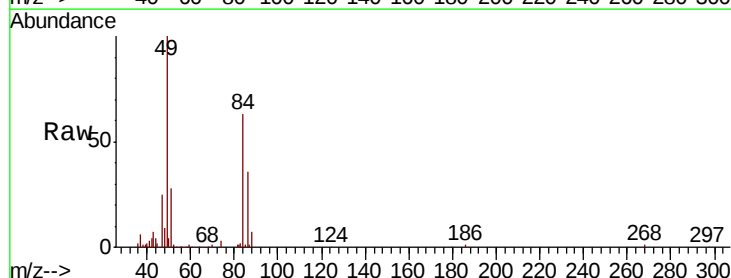
Ion Ratio Lower Upper

84 100

49 158.1 119.4 179.0

51 42.8 36.6 55.0

86 56.6 52.5 78.7

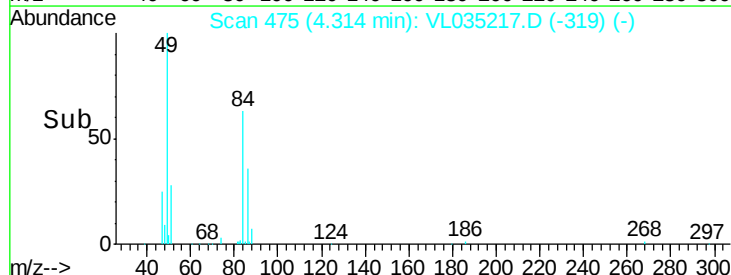
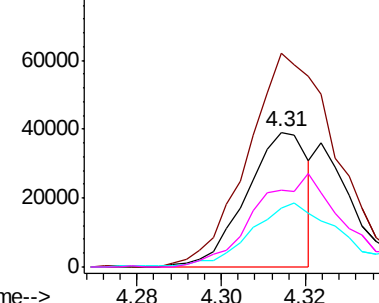


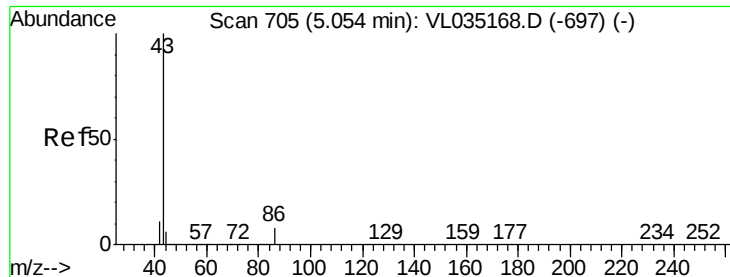
Abundance Ion 84.00 (83.70 to 84.70): VL0

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





#23

Vinyl Acetate

Concen: 0.711 ppbv

RT: 5.04 min Scan# 702

Delta R.T. -0.01 min

Lab File: VL035217.D

Acq: 21 Jul 2020 18:39

Instrument :

MSVOA_L

ClientSampleId :

BASEMENT-CAFETERIA

Tot Ion: 43 Resp: 108620

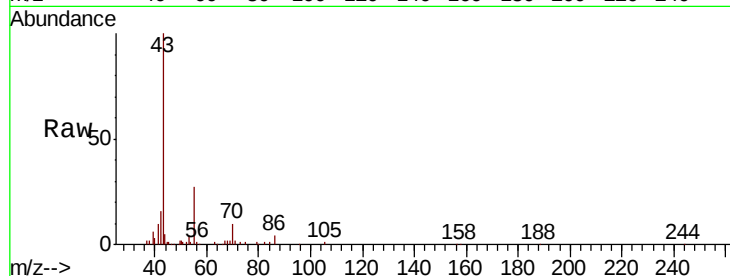
Ion Ratio Lower Upper

43 100

86 4.4 6.2 9.2#

42 15.9 9.1 13.7#

44 3.1 4.6 6.8#

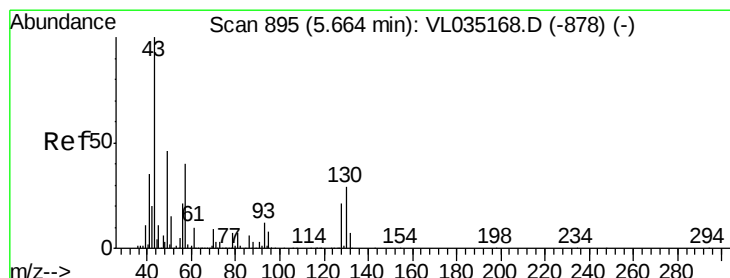
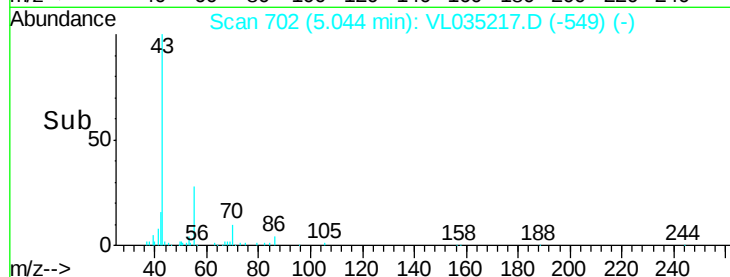
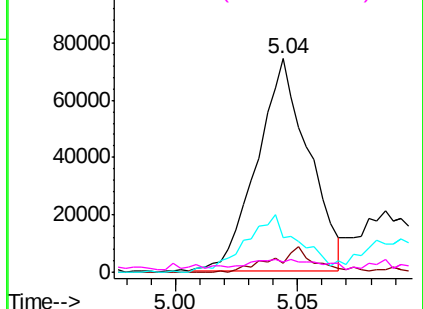


Abundance Ion 43.10 (42.80 to 43.80): VL0

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: 0.594 ppbv

RT: 5.67 min Scan# 897

Delta R.T. 0.01 min

Lab File: VL035217.D

Acq: 21 Jul 2020 18:39

Tgt Ion: 43 Resp: 130143

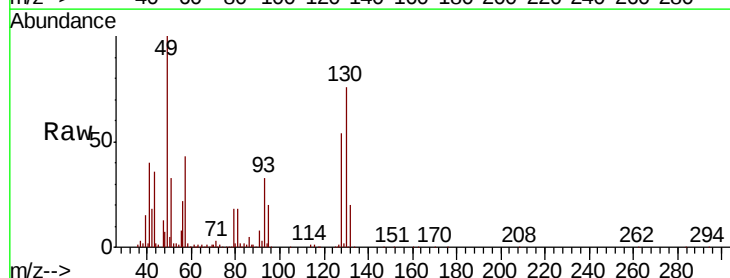
Ion Ratio Lower Upper

43 100

45 5.9 8.5 12.7#

61 4.5 8.1 12.1#

70 4.7 6.3 9.5#

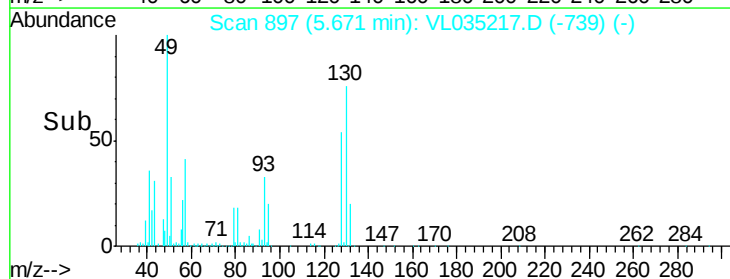
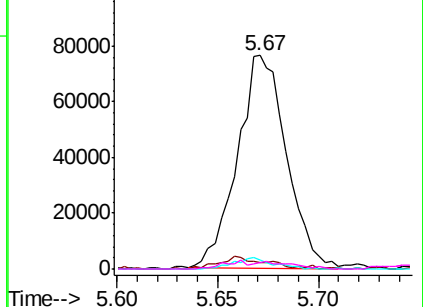


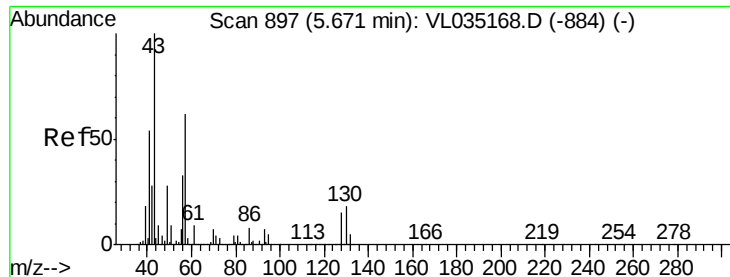
Abundance Ion 43.10 (42.80 to 43.80): VL0

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

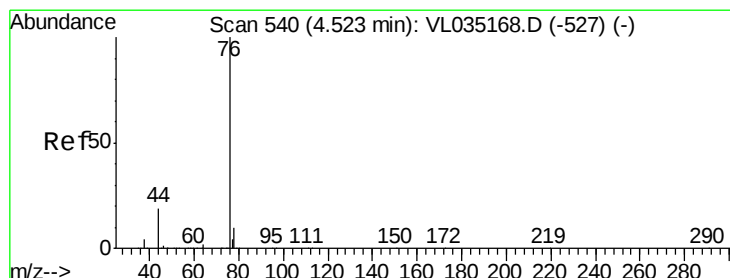
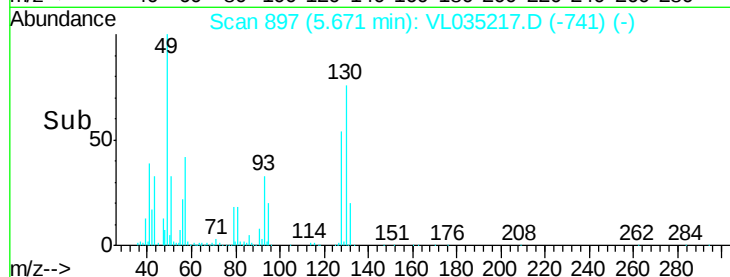
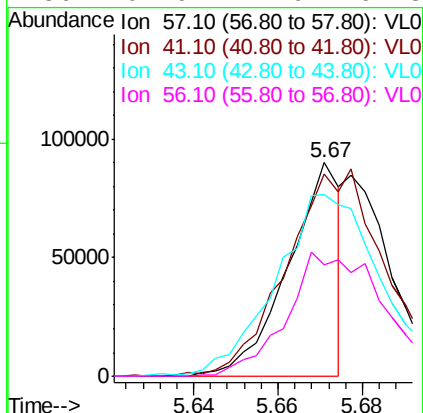
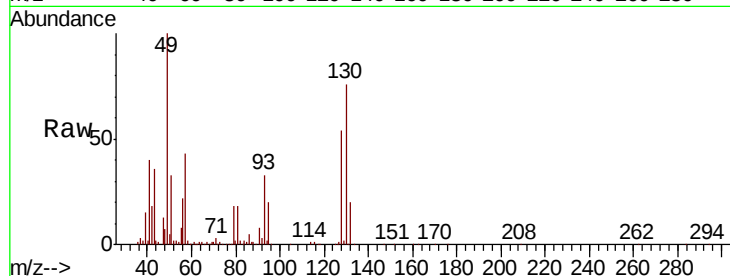




#26
Hexane
Concen: 0.800 ppbv
RT: 5.67 min Scan# 897
Delta R.T. 0.00 min
Lab File: VL035217.D
Acq: 21 Jul 2020 18:39

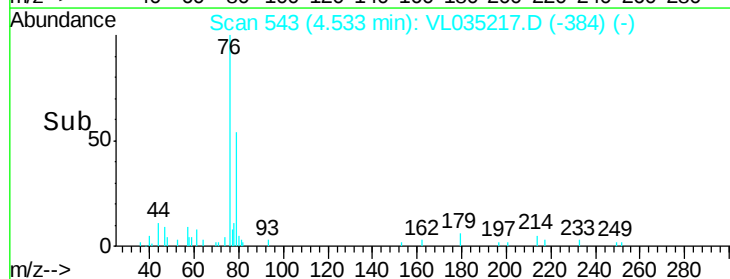
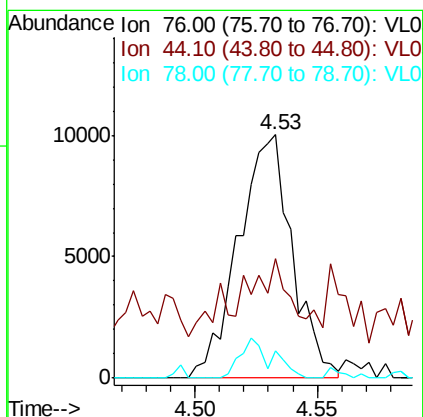
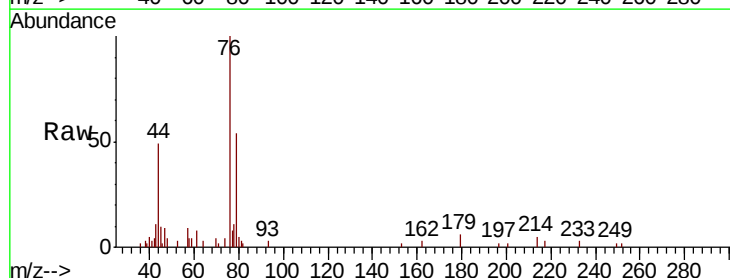
Instrument :
MSVOA_L
ClientSampleId :
BASEMENT-CAFETERIA

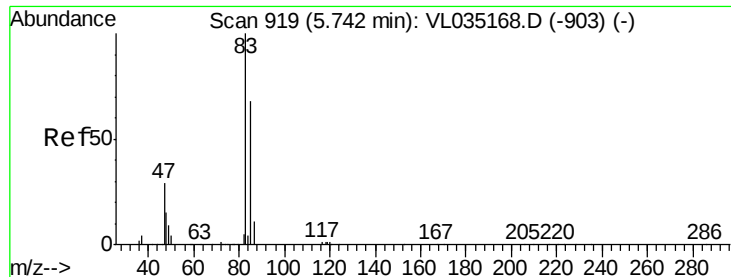
Tot Ion: 57 Resp: 77243
Ion Ratio Lower Upper
57 100
41 0.0 72.9 109.3#
43 172.9 179.5 269.3#
56 107.9 42.9 64.3#



#27
Carbon Disulfide
Concen: 0.113 ppbv
RT: 4.53 min Scan# 543
Delta R.T. 0.01 min
Lab File: VL035217.D
Acq: 21 Jul 2020 18:39

Tgt Ion: 76 Resp: 15305
Ion Ratio Lower Upper
76 100
44 30.4 14.9 22.3#
78 10.8 7.5 11.3

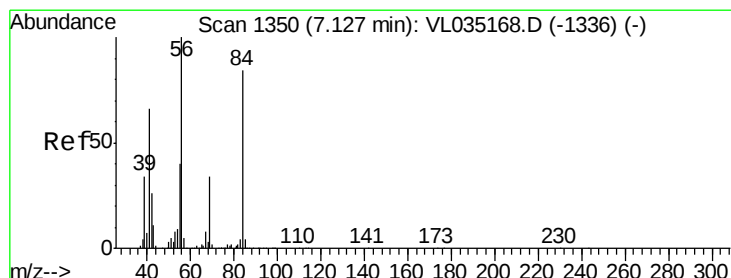
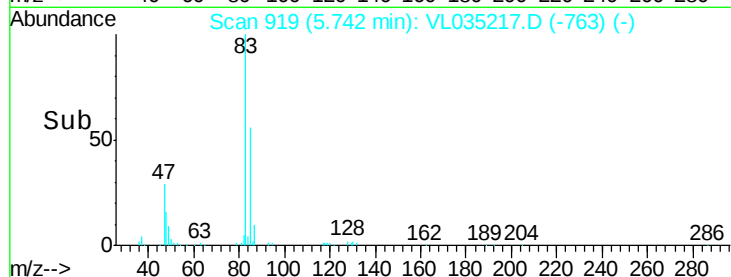
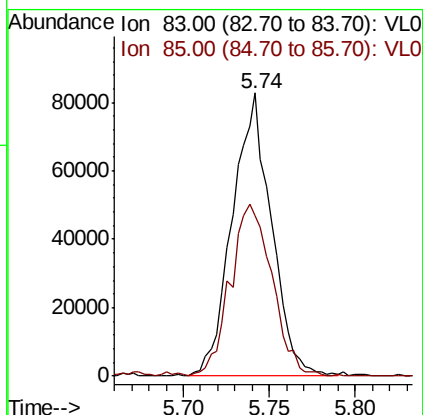
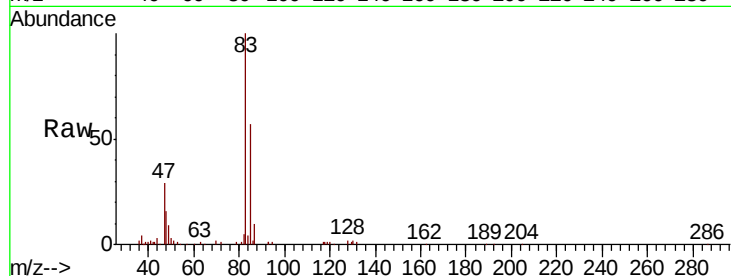




#29
Chloroform
Concen: 0.806 ppbv
RT: 5.74 min Scan# 919
Delta R.T. 0.00 min
Lab File: VL035217.D
Acq: 21 Jul 2020 18:39

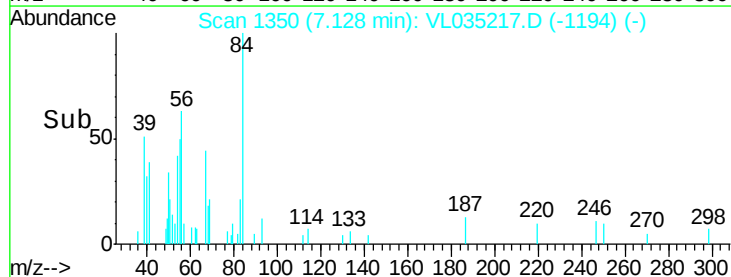
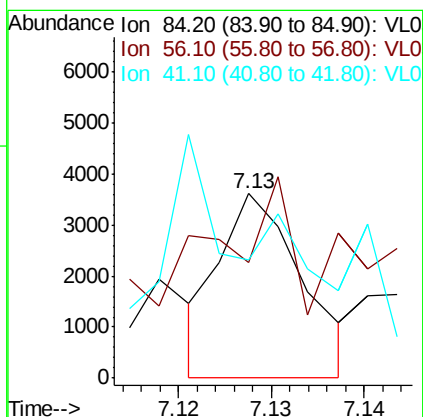
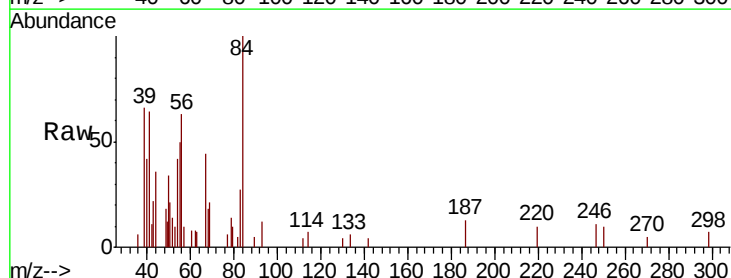
Instrument :
MSVOA_L
ClientSampleId :
BASEMENT-CAFETERIA

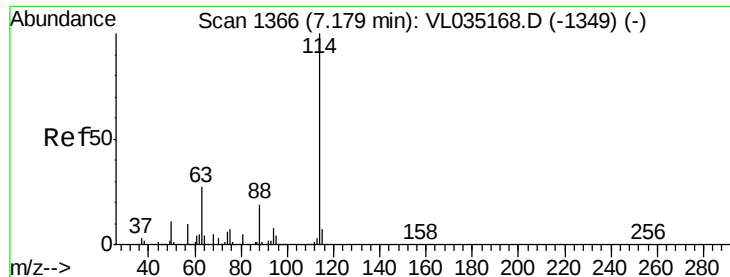
Tot Ion: 83 Resp: 130608
Ion Ratio Lower Upper
83 100
85 56.7 54.3 81.5



#30
Cyclohexane
Concen: 0.031 ppbv
RT: 7.13 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VL035217.D
Acq: 21 Jul 2020 18:39

Tgt Ion: 84 Resp: 2236
Ion Ratio Lower Upper
84 100
56 0.0 105.6 158.4#
41 0.0 64.9 97.3#

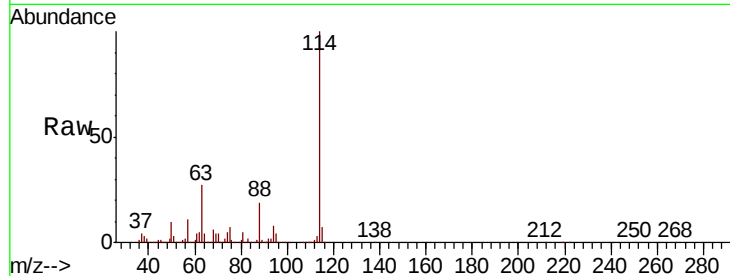




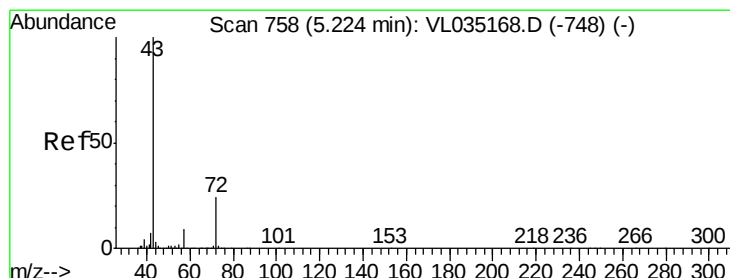
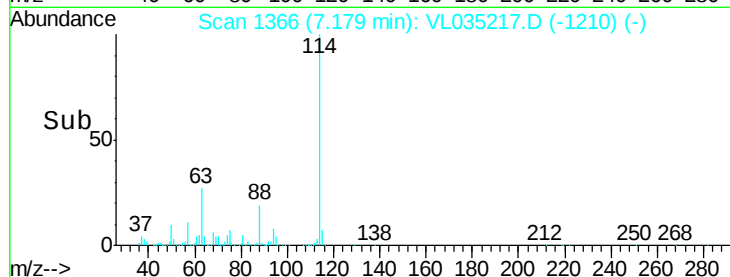
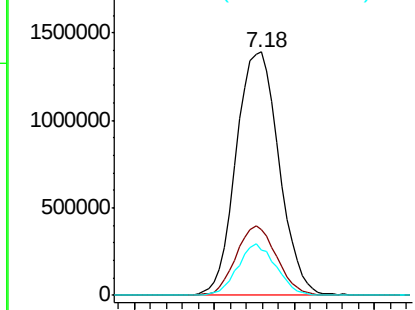
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18 min Scan# 1366
 Delta R.T. 0.00 min
 Lab File: VL035217.D
 Acq: 21 Jul 2020 18:39

Instrument :
 MSVOA_L
 ClientSampleId :
 BASEMENT-CAFETERIA

Tot Ion:114 Resp: 2543015
 Ion Ratio Lower Upper
 114 100
 63 27.2 22.0 33.0
 88 19.1 15.4 23.0

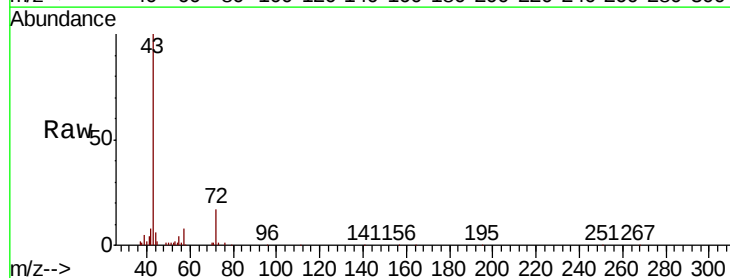


Abundance Ion 114.10 (113.80 to 114.80): V
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

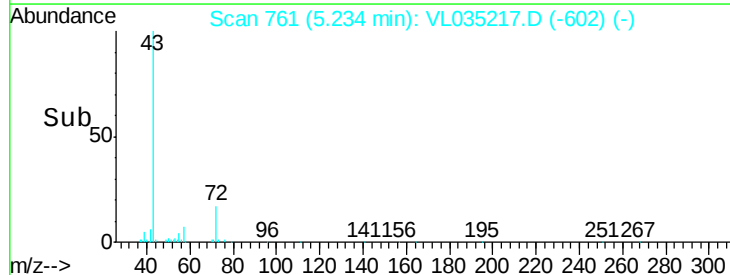
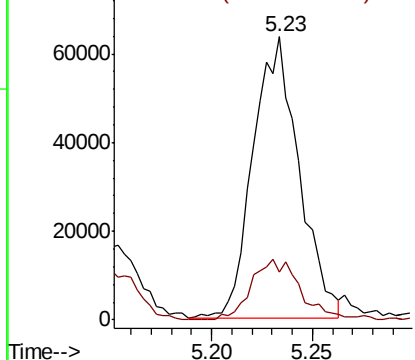


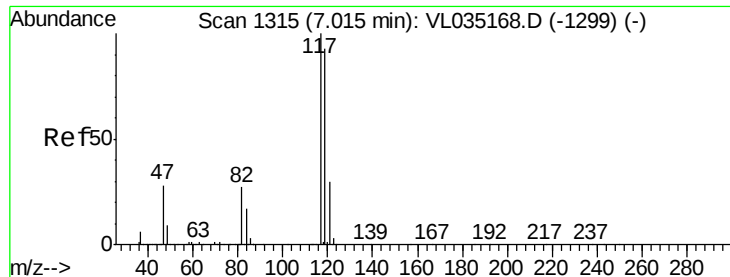
#34
 2-Butanone
 Concen: 0.740 ppbv
 RT: 5.23 min Scan# 761
 Delta R.T. 0.01 min
 Lab File: VL035217.D
 Acq: 21 Jul 2020 18:39

Tgt Ion: 43 Resp: 100433
 Ion Ratio Lower Upper
 43 100
 72 24.0 18.6 28.0



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





#35

Carbon Tetrachloride

Concen: 0.048 ppbv

RT: 7.02 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VL035217.D

Acq: 21 Jul 2020 18:39

Instrument :

MSVOA_L

ClientSampleId :

BASEMENT-CAFETERIA

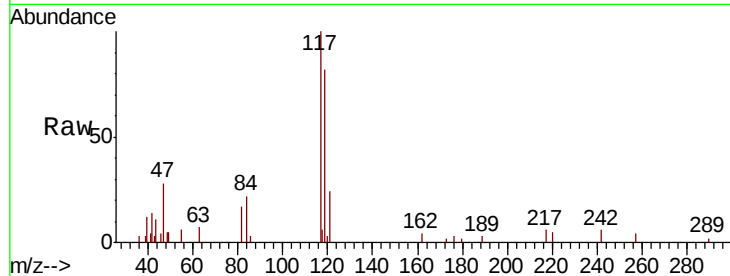
Tot Ion:117 Resp: 7884

Ion Ratio Lower Upper

117 100

119 78.5 74.8 112.2

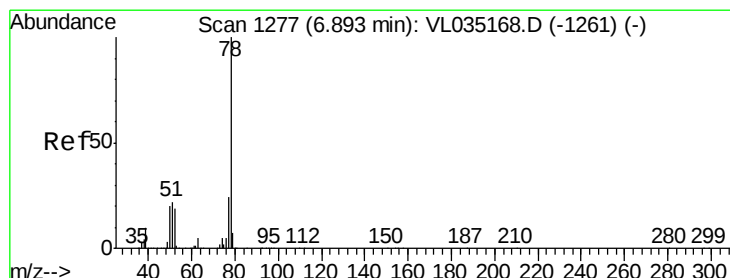
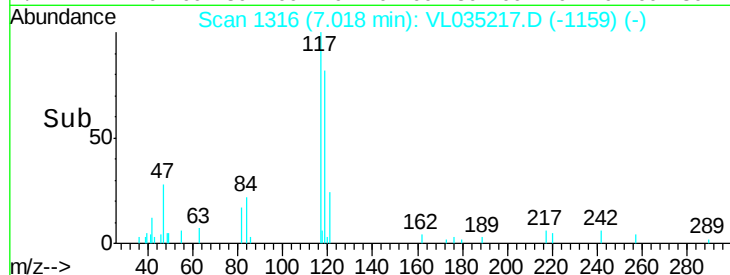
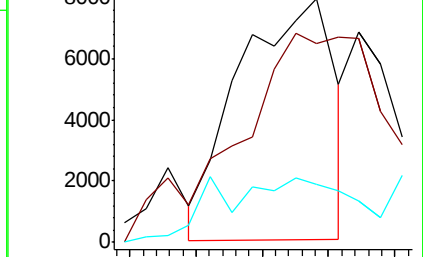
121 20.3 24.2 36.2#



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#36

Benzene

Concen: 0.191 ppbv

RT: 6.89 min Scan# 1277

Delta R.T. 0.00 min

Lab File: VL035217.D

Acq: 21 Jul 2020 18:39

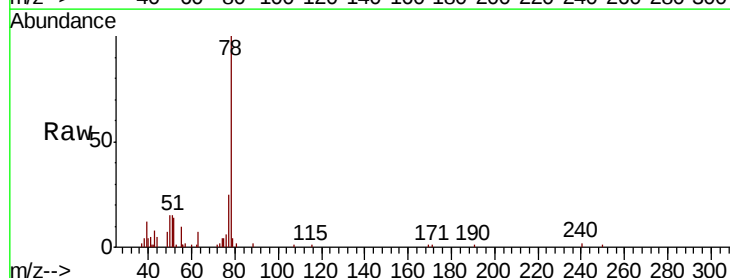
Tgt Ion: 78 Resp: 35215

Ion Ratio Lower Upper

78 100

77 24.4 19.3 28.9

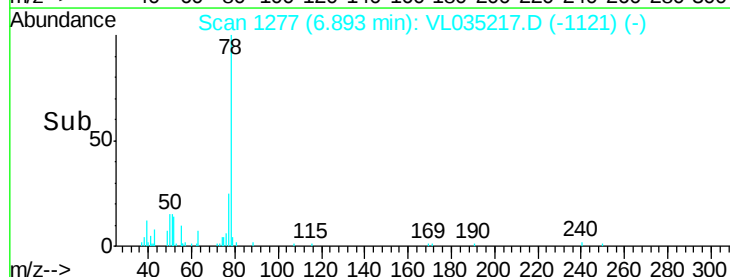
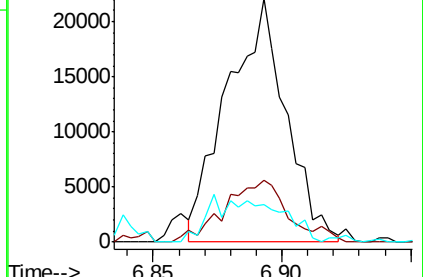
50 14.0 16.0 24.0#

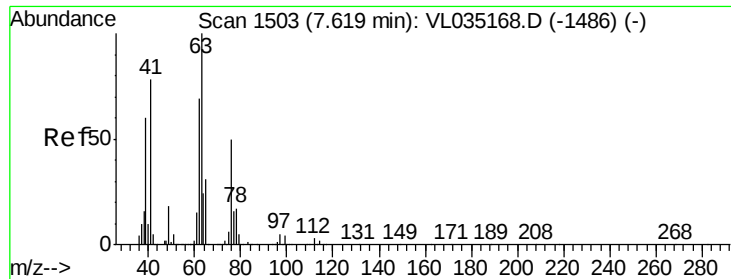


Abundance Ion 78.10 (77.80 to 78.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

Ion 50.10 (49.80 to 50.80): VL0





#39

1,2-Dichloropropane

Concen: 9.395 ppbv

RT: 7.18 min Scan# 1365

Delta R.T. -0.44 min

Lab File: VL035217.D

Acq: 21 Jul 2020 18:39

Instrument :

MSVOA_L

ClientSampleId :

BASEMENT-CAFETERIA

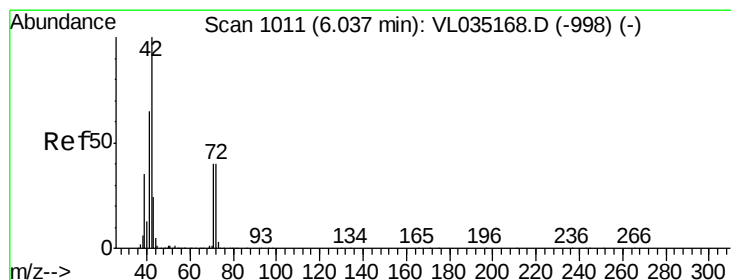
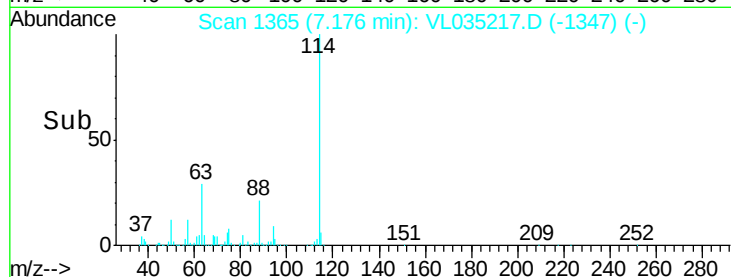
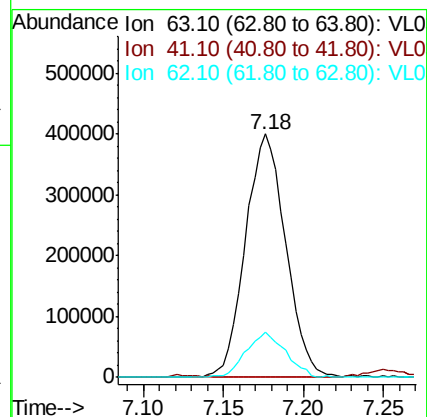
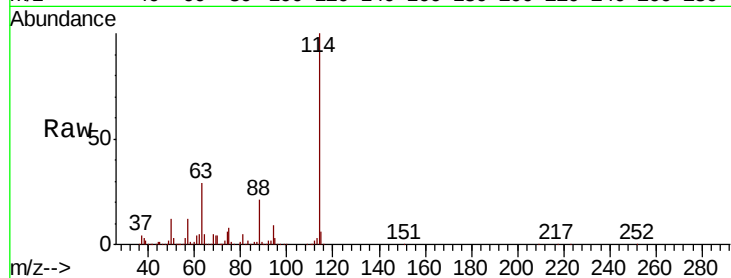
Tot Ion: 63 Resp: 687668

Ion Ratio Lower Upper

63 100

41 0.0 62.6 94.0#

62 18.6 55.0 82.6#



#41

Tetrahydrofuran

Concen: 0.037 ppbv

RT: 6.03 min Scan# 1008

Delta R.T. -0.01 min

Lab File: VL035217.D

Acq: 21 Jul 2020 18:39

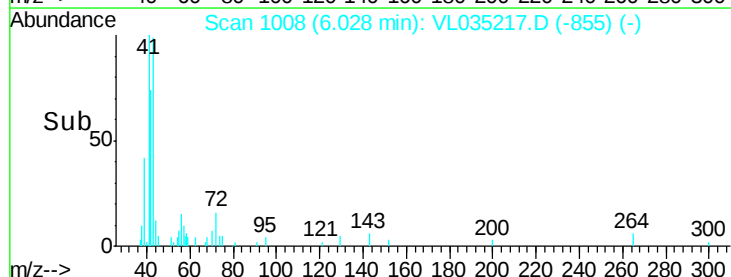
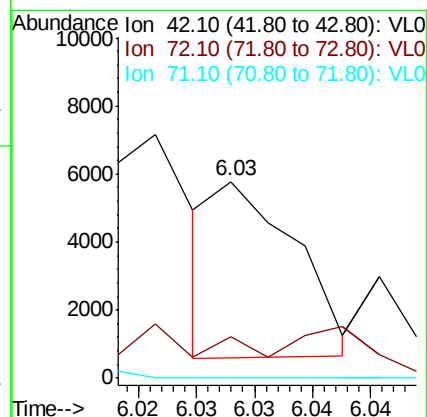
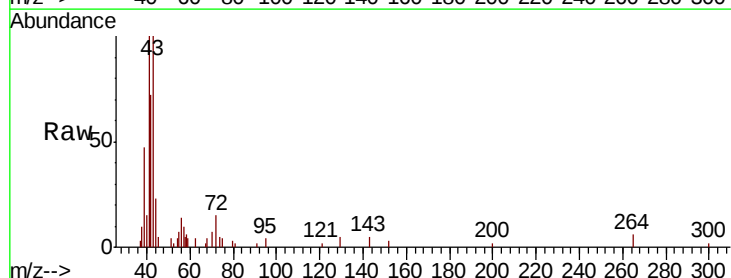
Tgt Ion: 42 Resp: 2517

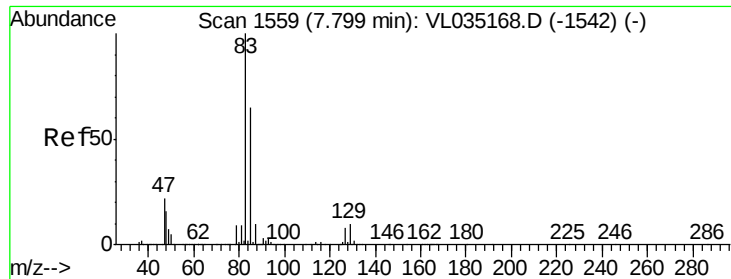
Ion Ratio Lower Upper

42 100

72 0.0 33.4 50.2#

71 0.0 31.9 47.9#





#42

Bromodichloromethane

Concen: 0.150 ppbv

RT: 7.80 min Scan# 1558

Delta R.T. -0.00 min

Lab File: VL035217.D

Acq: 21 Jul 2020 18:39

Instrument :

MSVOA_L

ClientSampleId :

BASEMENT-CAFETERIA

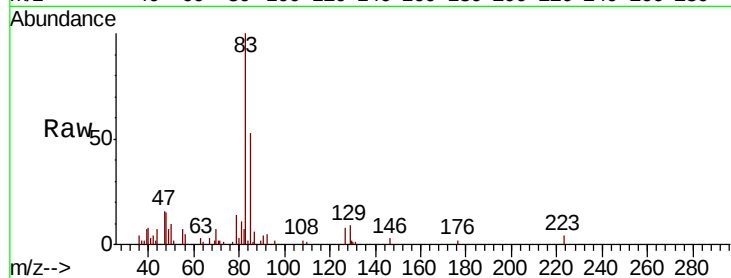
Tot Ion: 83 Resp: 24691

Ion Ratio Lower Upper

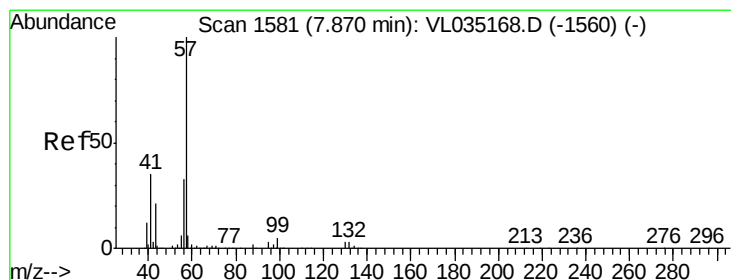
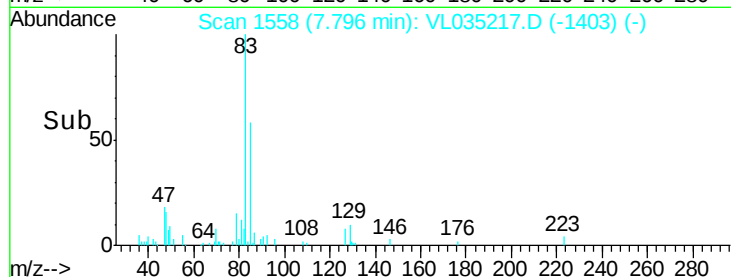
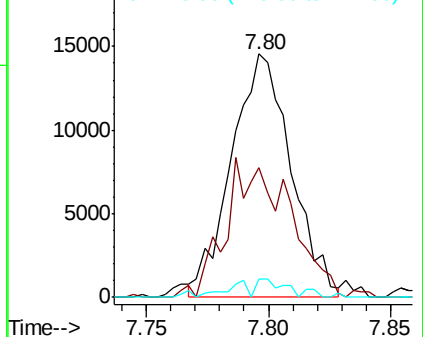
83 100

85 53.4 52.2 78.4

127 6.0 6.3 9.5#



Abundance Ion 83.00 (82.70 to 83.70): VL0
Ion 85.00 (84.70 to 85.70): VL0
Ion 126.90 (126.60 to 127.60): V



#44

2,2,4-Trimethylpentane

Concen: 0.136 ppbv

RT: 7.88 min Scan# 1583

Delta R.T. 0.01 min

Lab File: VL035217.D

Acq: 21 Jul 2020 18:39

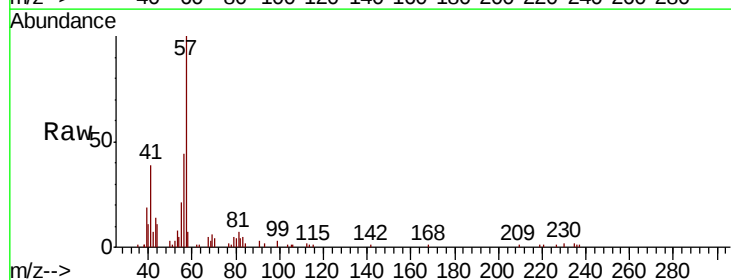
Tgt Ion: 57 Resp: 43153

Ion Ratio Lower Upper

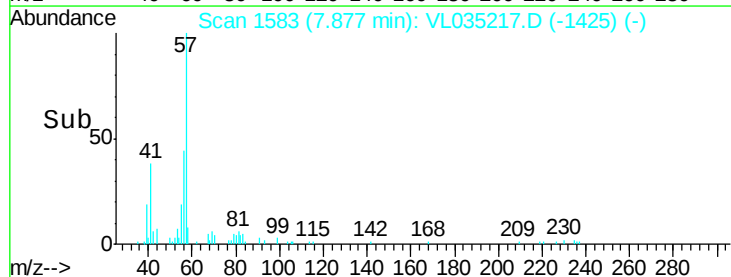
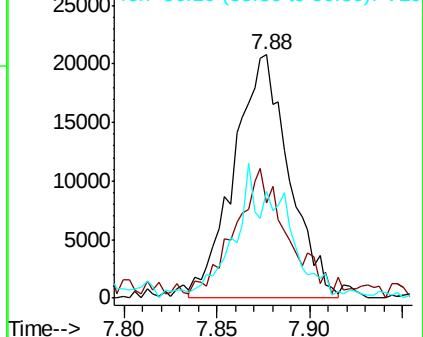
57 100

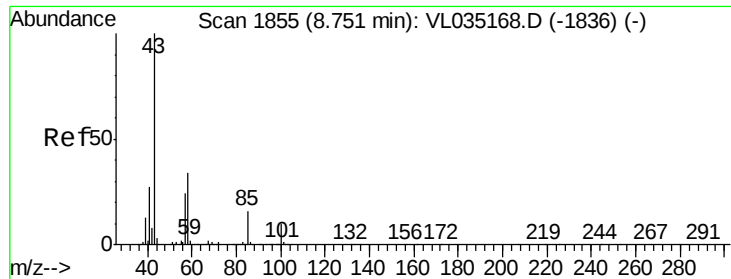
41 50.7 27.0 40.6#

56 49.8 25.5 38.3#



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

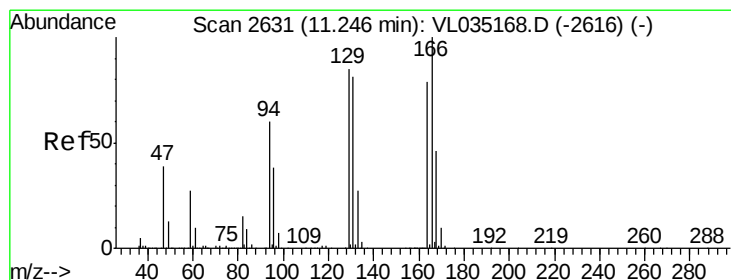
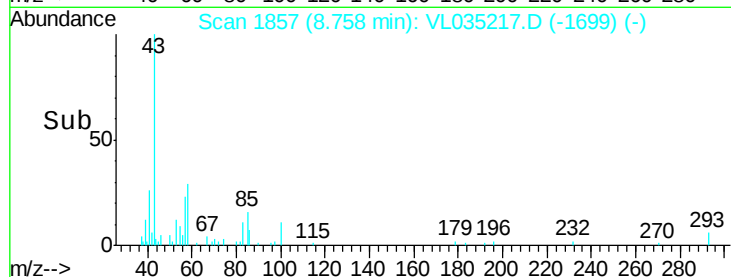
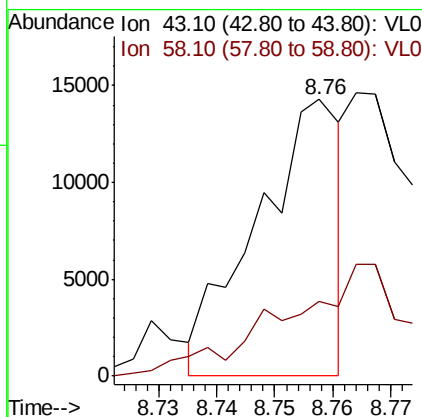
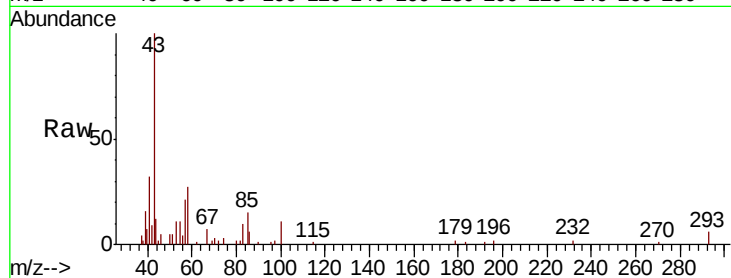




#50
4-Methyl-2-pentanone
Concen: 0.074 ppbv
RT: 8.76 min Scan# 1857
Delta R.T. 0.01 min
Lab File: VL035217.D
Acq: 21 Jul 2020 18:39

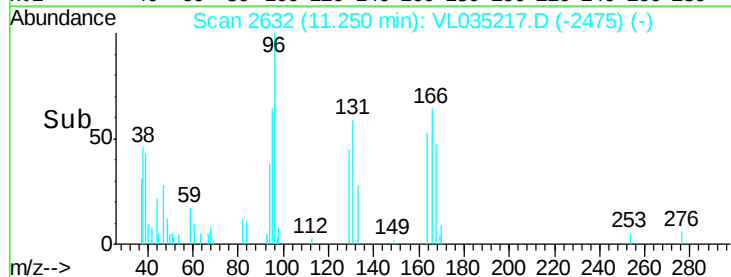
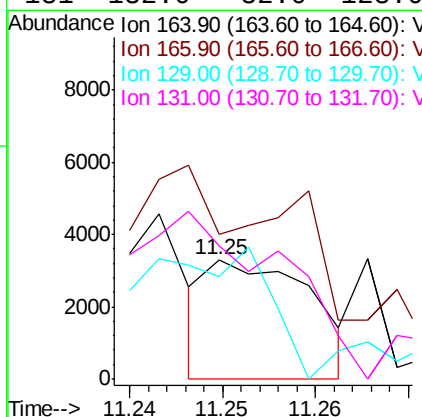
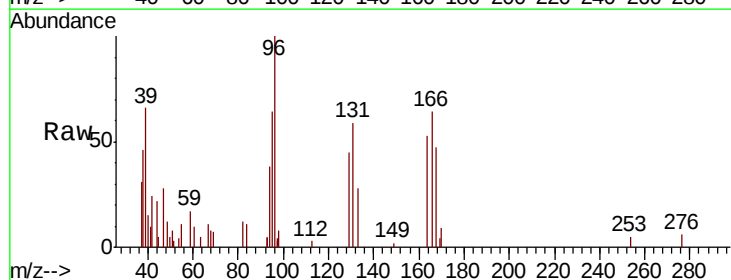
Instrument :
MSVOA_L
ClientSampleId :
BASEMENT-CAFETERIA

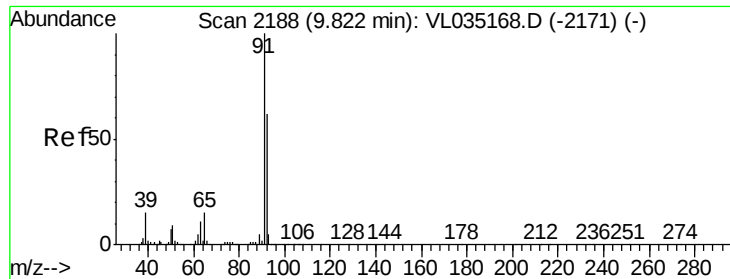
Tot Ion: 43 Resp: 14402
Ion Ratio Lower Upper
43 100
58 0.0 29.4 44.2#



#52
Tetrachloroethene
Concen: 0.037 ppbv
RT: 11.25 min Scan# 2632
Delta R.T. 0.00 min
Lab File: VL035217.D
Acq: 21 Jul 2020 18:39

Tgt Ion: 164 Resp: 2550
Ion Ratio Lower Upper
164 100
166 127.6 100.7 151.1
129 111.6 85.8 128.6
131 132.0 82.0 123.0#





#53

Toluene

Concen: 2.981 ppbv

RT: 9.82 min Scan# 2188

Delta R.T. 0.00 min

Lab File: VL035217.D

Acq: 21 Jul 2020 18:39

Instrument :

MSVOA_L

ClientSampleId :

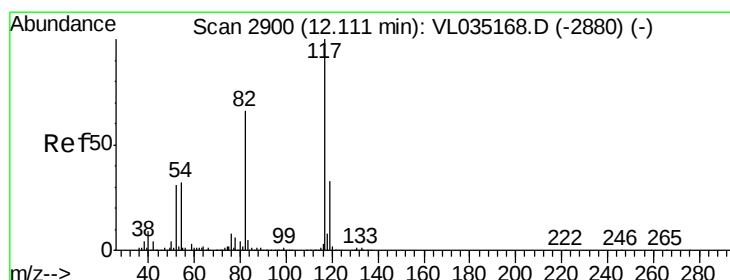
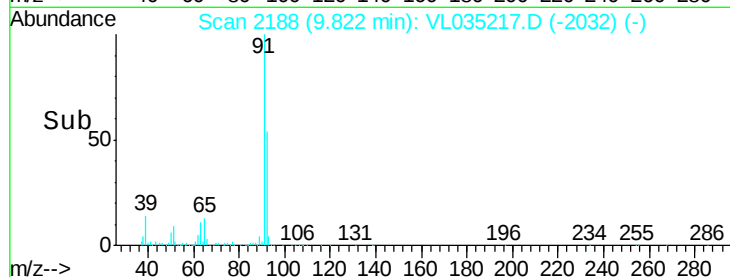
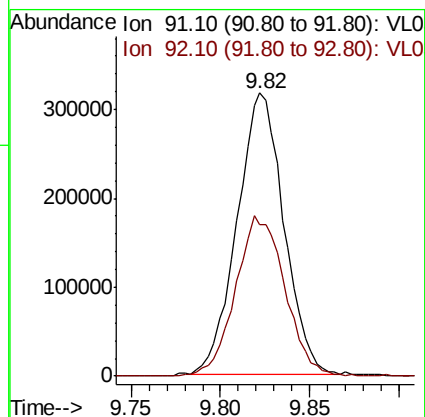
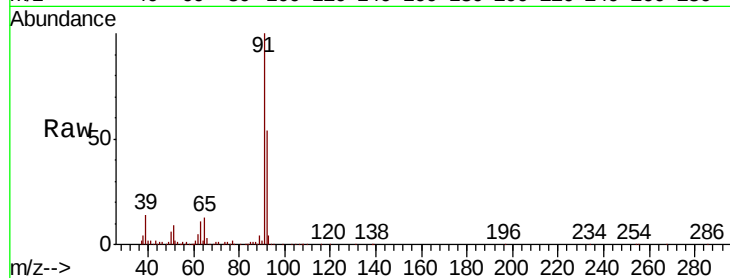
BASEMENT-CAFETERIA

Tot Ion: 91 Resp: 578954

Ion Ratio Lower Upper

91 100

92 59.9 48.4 72.6



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.11 min Scan# 2900

Delta R.T. 0.00 min

Lab File: VL035217.D

Acq: 21 Jul 2020 18:39

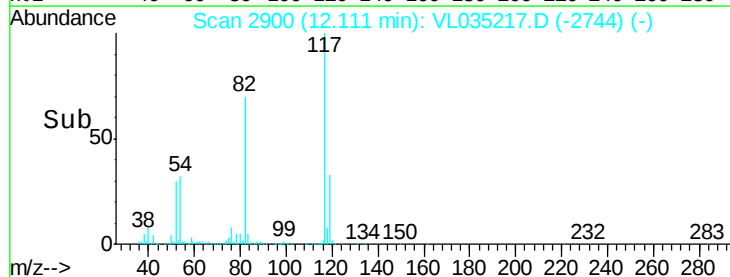
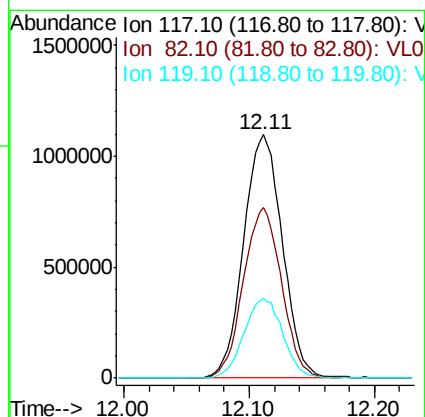
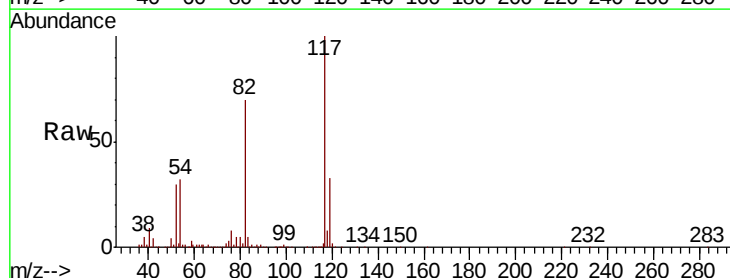
Tgt Ion: 117 Resp: 2355503

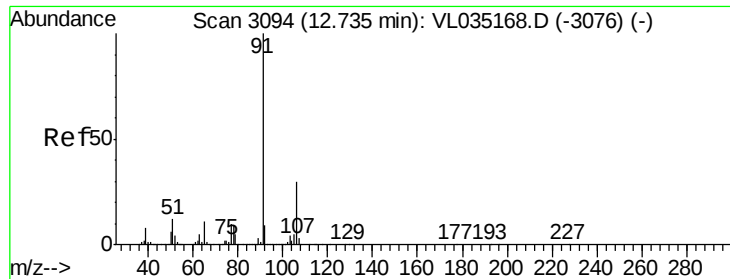
Ion Ratio Lower Upper

117 100

82 69.2 52.3 78.5

119 32.8 24.9 37.3





#58

Ethyl Benzene

Concen: 0.058 ppbv

RT: 12.98 min Scan# 3171

Delta R.T. 0.25 min

Lab File: VL035217.D

Acq: 21 Jul 2020 18:39

Instrument :

MSVOA_L

ClientSampleId :

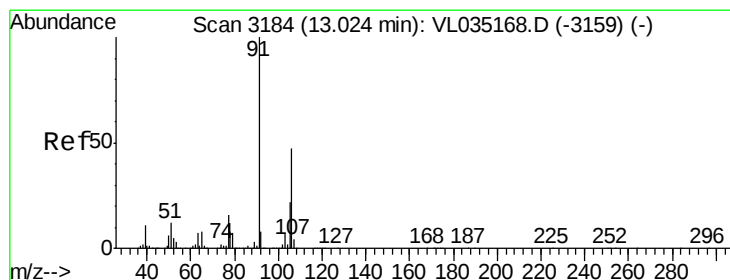
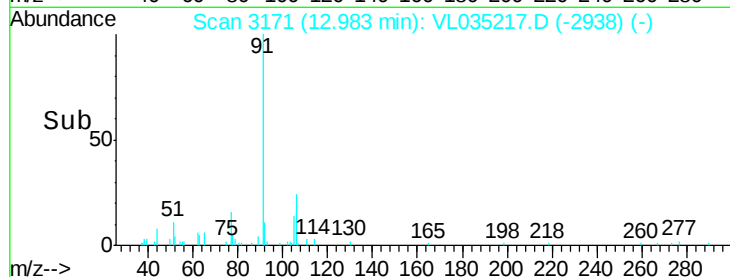
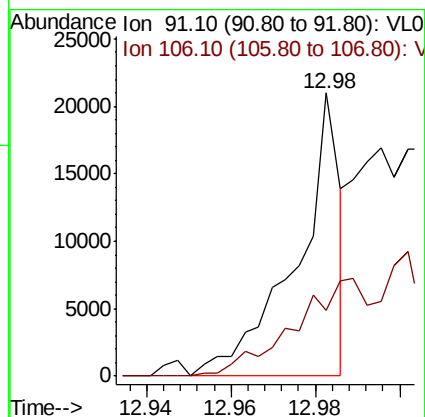
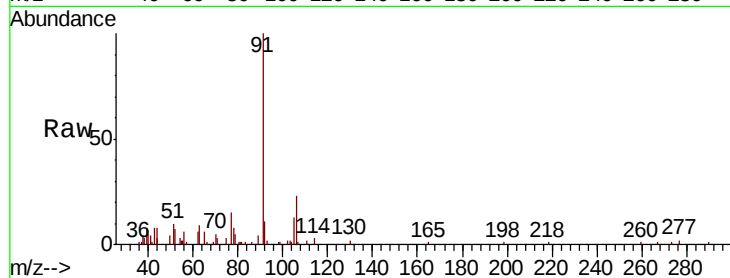
BASEMENT-CAFETERIA

Tot Ion: 91 Resp: 15004

Ion Ratio Lower Upper

91 100

106 24.5 24.2 36.2



#59

m/p-Xylene

Concen: 0.049 ppbv

RT: 13.02 min Scan# 3184

Delta R.T. 0.00 min

Lab File: VL035217.D

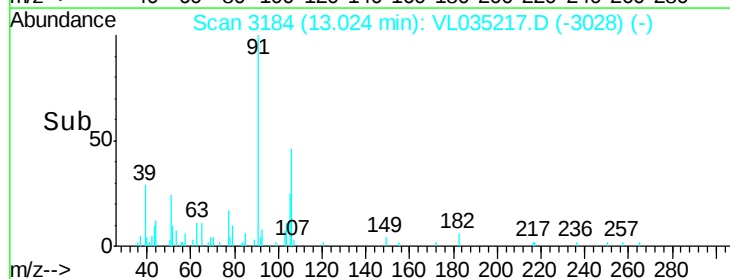
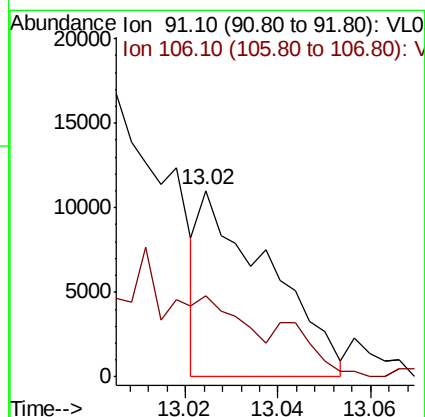
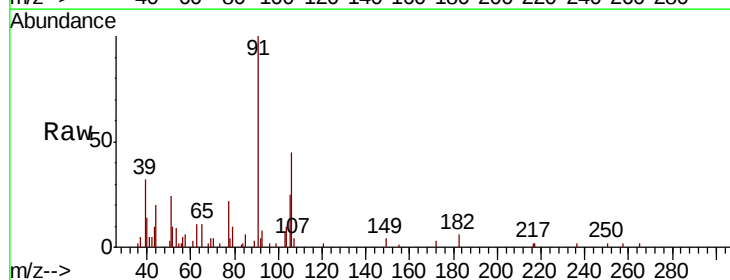
Acq: 21 Jul 2020 18:39

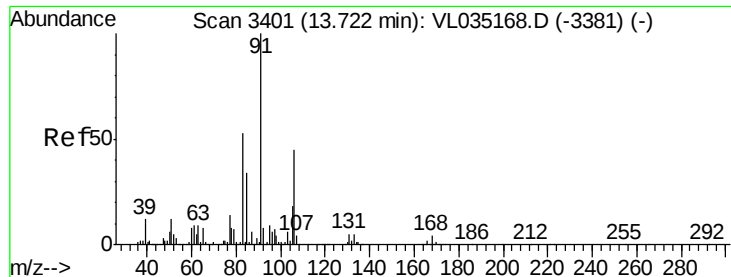
Tgt Ion: 91 Resp: 11375

Ion Ratio Lower Upper

91 100

106 0.0 36.2 54.2#





#60

o-Xylene

Concen: 0.050 ppbv

RT: 13.72 min Scan# 3400

Delta R.T. -0.00 min

Lab File: VL035217.D

Acq: 21 Jul 2020 18:39

Instrument :

MSVOA_L

ClientSampleId :

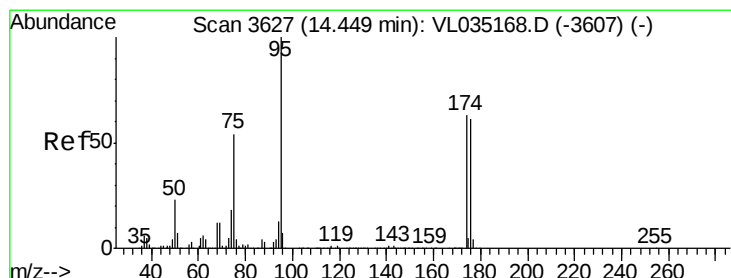
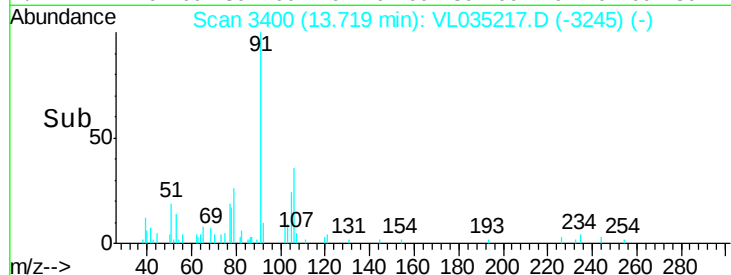
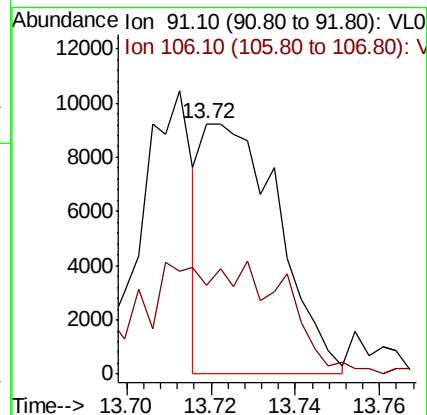
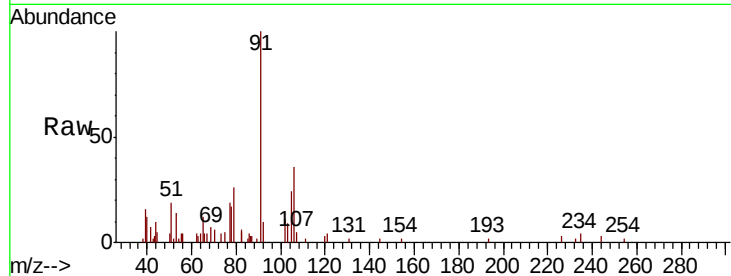
BASEMENT-CAFETERIA

Tot Ion: 91 Resp: 11615

Ion Ratio Lower Upper

91 100

106 86.2 22.1 66.3#



#68

1-Bromo-4-Fluorobenzene

Concen: 10.336 ppbv

RT: 14.45 min Scan# 3627

Delta R.T. 0.00 min

Lab File: VL035217.D

Acq: 21 Jul 2020 18:39

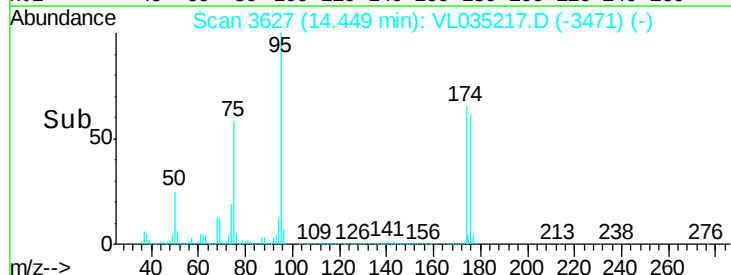
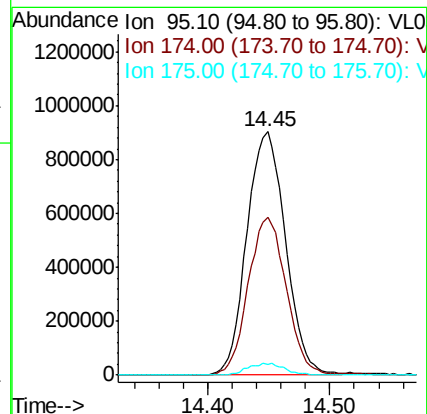
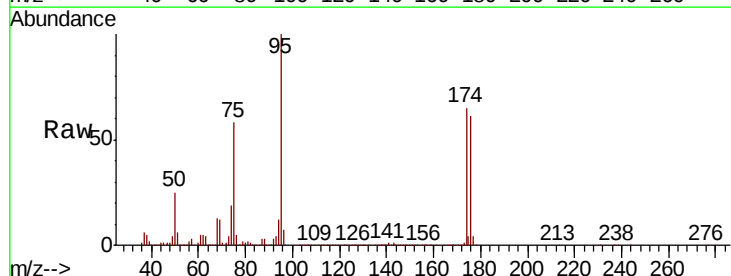
Tgt Ion: 95 Resp: 1977757

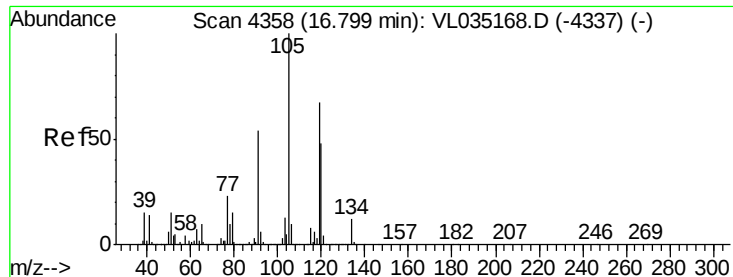
Ion Ratio Lower Upper

95 100

174 64.5 52.2 78.2

175 4.6 4.0 6.0





#74

1,2,4-Trimethylbenzene

Concen: 0.113 ppbv

RT: 16.80 min Scan# 4359

Delta R.T. 0.00 min

Lab File: VL035217.D

Acq: 21 Jul 2020 18:39

Instrument:

MSVOA_L

ClientSampleId:

BASEMENT-CAFETERIA

Tot Ion:105 Resp: 31394

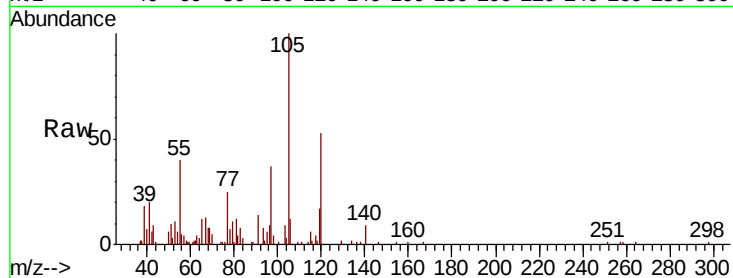
Ion Ratio Lower Upper

105 100

120 51.0 38.6 57.8

91 14.4 43.6 65.4#

77 23.9 18.3 27.5

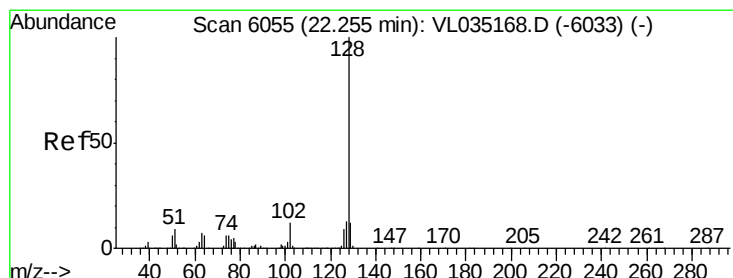
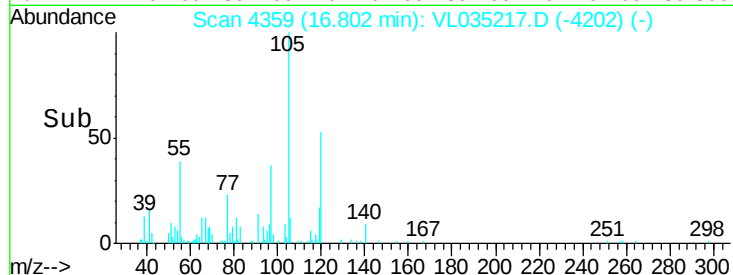
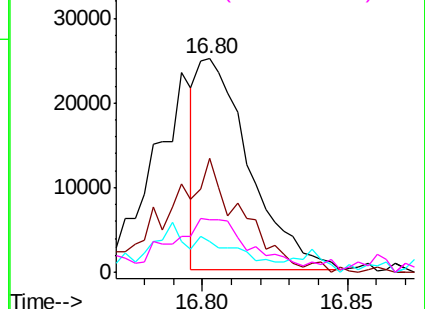


Abundance Ion 105.10 (104.80 to 105.80): V

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



#79

Naphthalene

Concen: 0.068 ppbv

RT: 22.26 min Scan# 6056

Delta R.T. 0.00 min

Lab File: VL035217.D

Acq: 21 Jul 2020 18:39

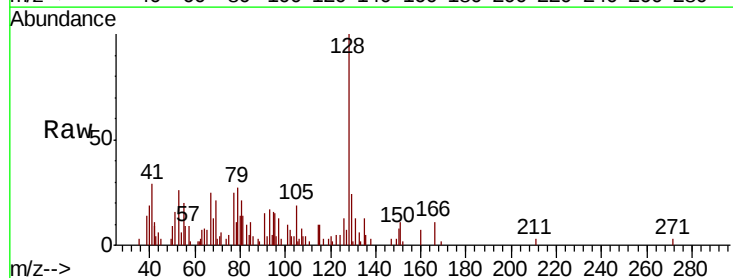
Tgt Ion:128 Resp: 12173

Ion Ratio Lower Upper

128 100

127 8.5 10.8 16.2#

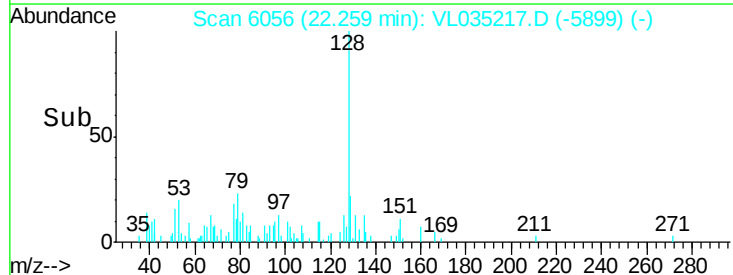
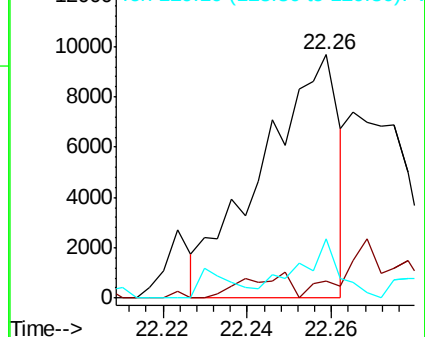
129 29.8 9.4 14.2#

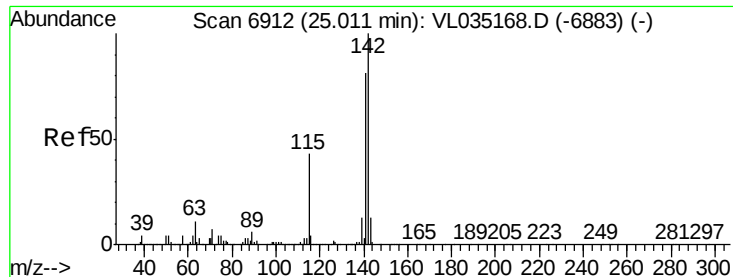


Abundance Ion 128.10 (127.80 to 128.80): V

Ion 127.10 (126.80 to 127.80): V

Ion 129.10 (128.80 to 129.80): V





#80
 Naphthalene, 2-methyl-
 Concen: 0.109 ppbv
 RT: 25.02 min Scan# 6915
 Delta R.T. 0.01 min
 Lab File: VL035217.D
 Acq: 21 Jul 2020 18:39

Instrument :
 MSVOA_L
 ClientSampleId :
 BASEMENT-CAFETERIA

Tot Ion	Ratio	Lower	Upper
142	100		
141	98.1	68.2	102.4
115	80.1	34.4	51.6

