

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL072120\
 Data File : VL035216.D
 Acq On : 21 Jul 2020 17:58
 Operator : SY/AP
 Sample : L3290-01DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 1ST-FLOOR-EAST-CLASSROOMDL

Quant Time: Jul 22 00:49:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL070820AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 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	1057520	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2580091	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	2412156	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.45	95	1966024	10.03	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.30%

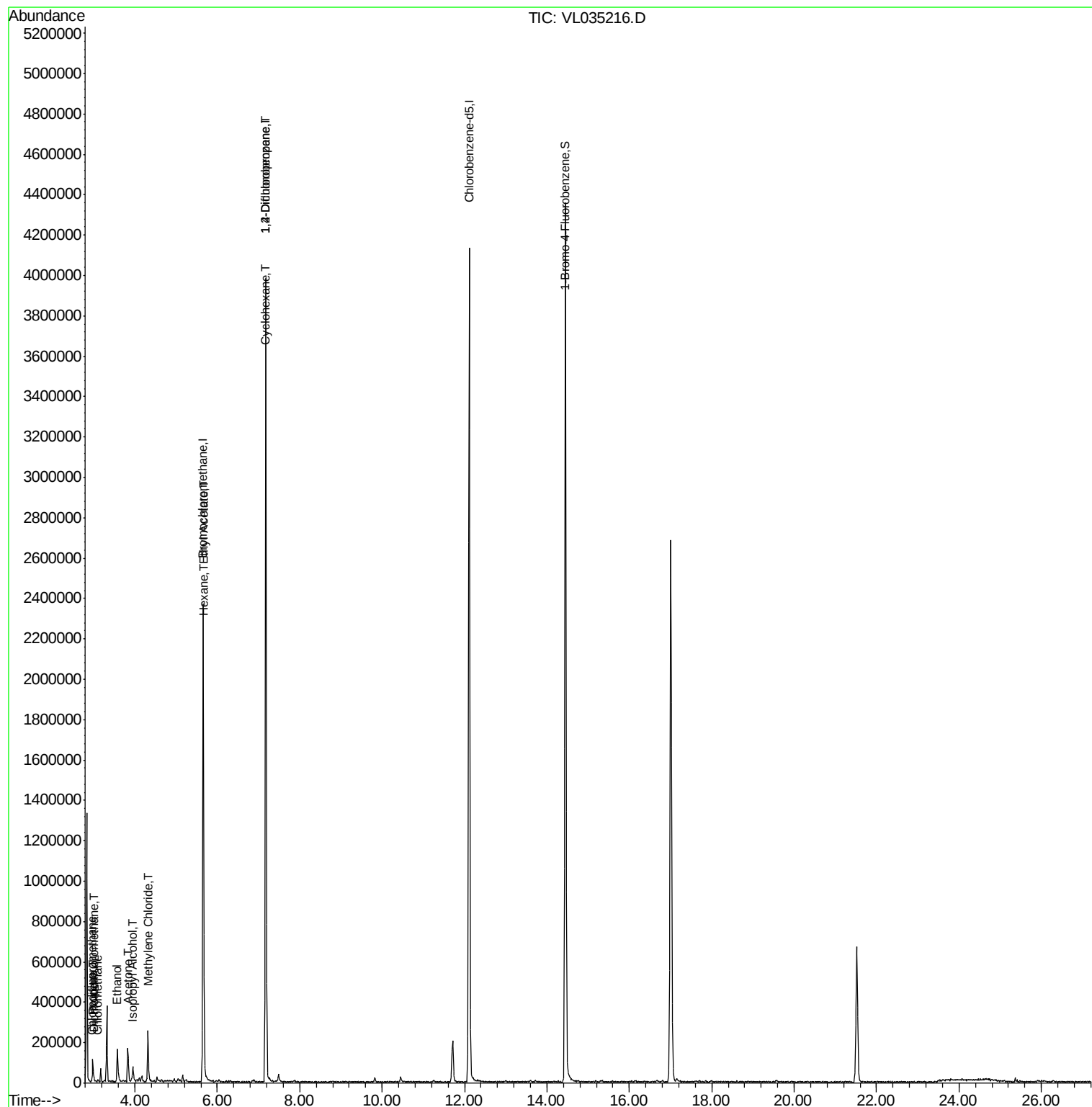
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.01	85	8044	0.054	ppbv	99
3) Chlorodifluoromethane	2.94	51	6131	0.052	ppbv	98
4) Chloromethane	3.10	50	4264	0.065	ppbv	99
9) Propene	2.98	41	15484	0.351	ppbv	100
13) Ethanol	3.57	45	170385	12.123	ppbv	95
15) Acetone	3.83	43	155519	1.086	ppbv	97
19) Isopropyl Alcohol	3.94	45	67161	0.778	ppbv #	90
20) Methylene Chloride	4.32	84	82554	1.325	ppbv	90
25) Ethyl Acetate	5.67	43	6708	0.030	ppbv #	81
26) Hexane	5.67	57	18644	0.190	ppbv #	42
30) Cyclohexane	7.16	84	10273	0.142	ppbv #	1
39) 1,2-Dichloropropane	7.18	63	710261	9.564	ppbv #	22

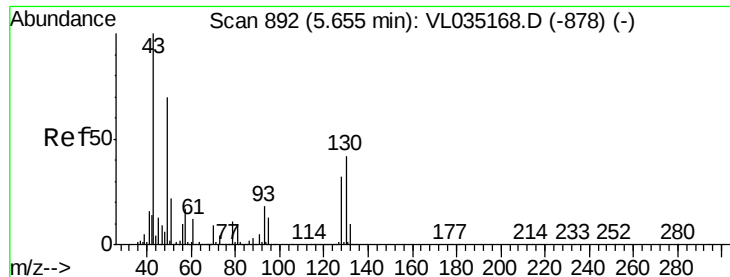
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 22 00:49:02 2020
Quant Method : Z:\V0ASRV\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





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 892

Delta R.T. 0.00 min

Lab File: VL035216.D

Acq: 21 Jul 2020 17:58

Instrument :

MSVOA_L

ClientSampleId :

1ST-FLOOR-EAST-CLASSROOMDL

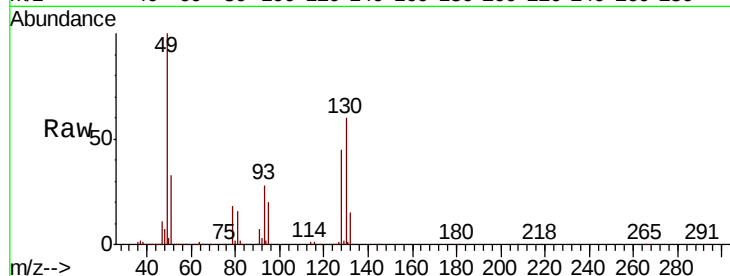
Tot Ion: 49 Resp: 1057520

Ion Ratio Lower Upper

49 100

128 49.7 23.8 71.4

130 63.8 29.9 89.8



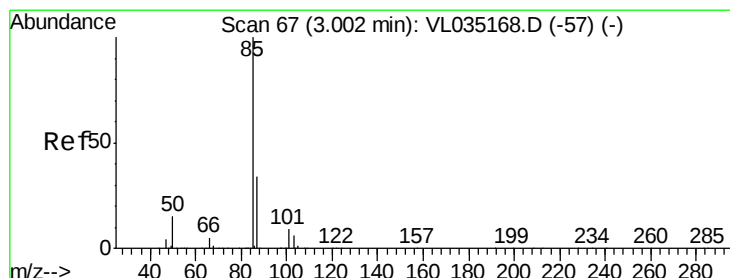
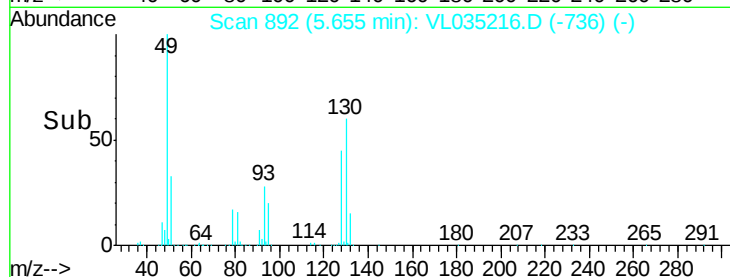
Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0

5.65

Time-->



#2

Dichlorodifluoromethane

Concen: 0.054 ppbv

RT: 3.01 min Scan# 69

Delta R.T. 0.01 min

Lab File: VL035216.D

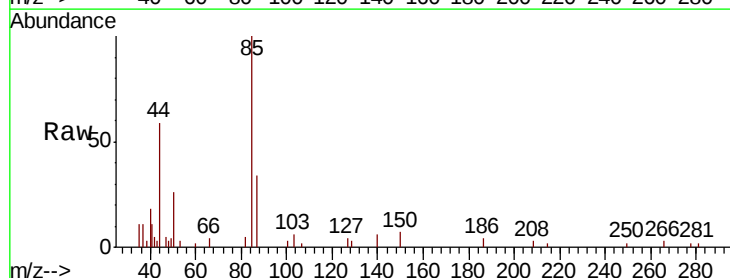
Acq: 21 Jul 2020 17:58

Tgt Ion: 85 Resp: 8044

Ion Ratio Lower Upper

85 100

87 34.3 27.0 40.6

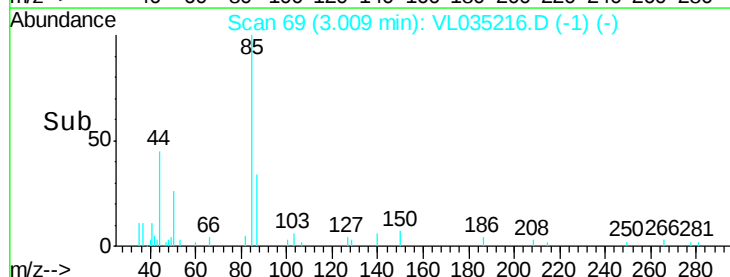


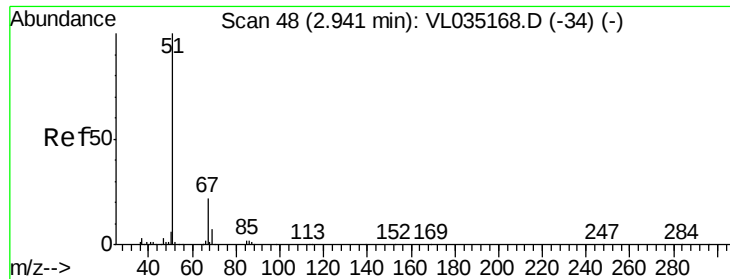
Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0

3.01

Time-->





#3

Chlorodifluoromethane

Concen: 0.052 ppbv

RT: 2.94 min Scan# 49

Delta R.T. 0.00 min

Lab File: VL035216.D

Acq: 21 Jul 2020 17:58

Instrument :

MSVOA_L

ClientSampleId :

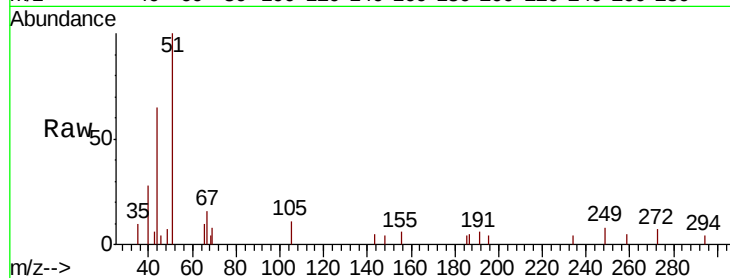
1ST-FLOOR-EAST-CLASSROOMDL

Tot Ion: 51 Resp: 6131

Ion Ratio Lower Upper

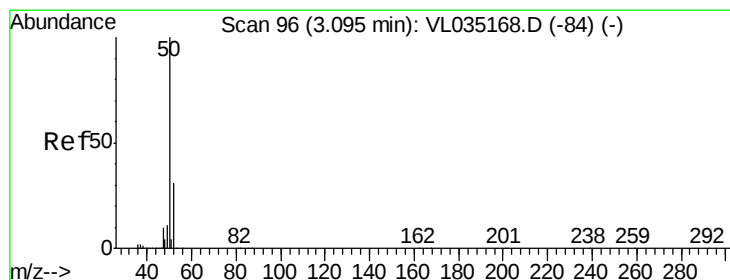
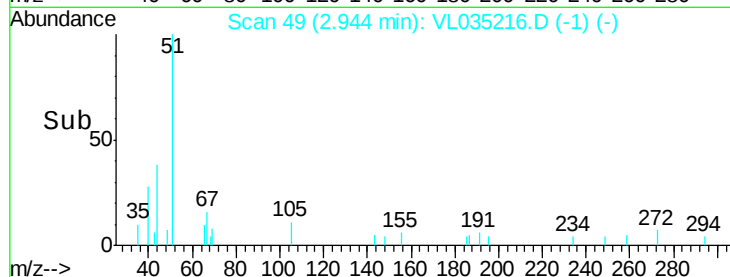
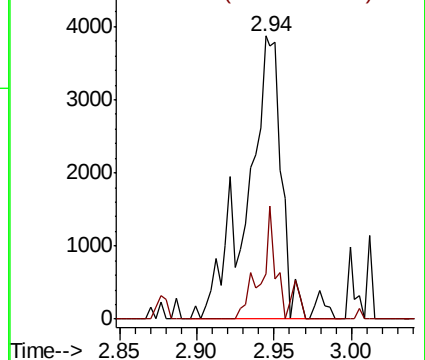
51 100

67 19.8 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: 0.065 ppbv

RT: 3.10 min Scan# 97

Delta R.T. 0.00 min

Lab File: VL035216.D

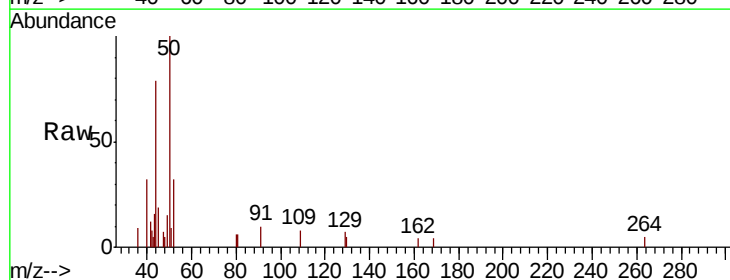
Acq: 21 Jul 2020 17:58

Tgt Ion: 50 Resp: 4264

Ion Ratio Lower Upper

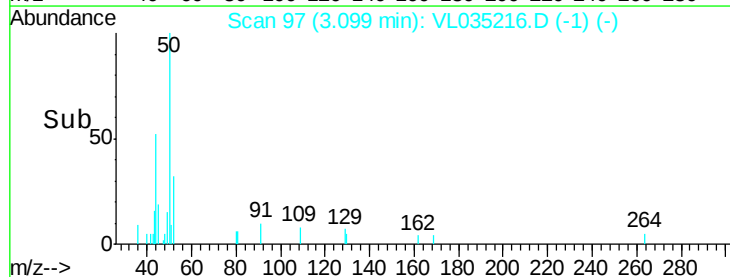
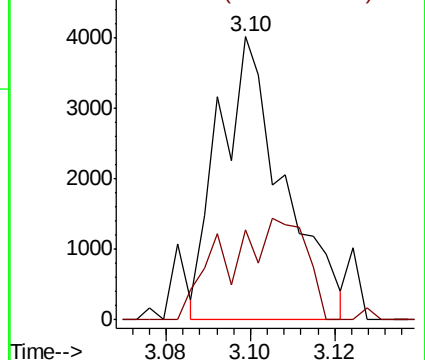
50 100

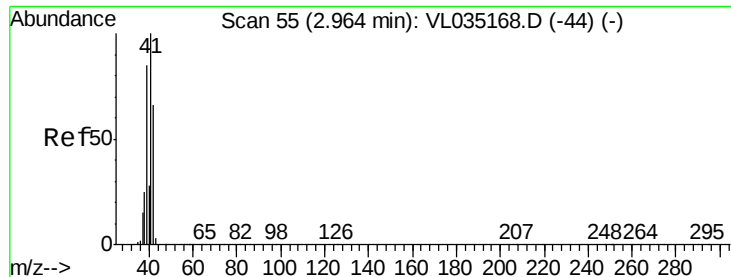
52 31.0 25.0 37.6



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#9

Propene

Concen: 0.351 ppbv

RT: 2.98 min Scan# 59

Delta R.T. 0.01 min

Lab File: VL035216.D

Acq: 21 Jul 2020 17:58

Instrument :

MSVOA_L

ClientSampleId :

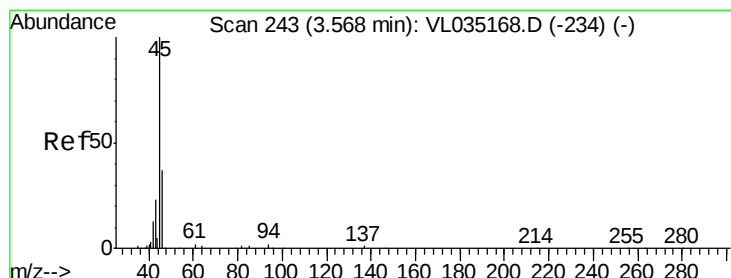
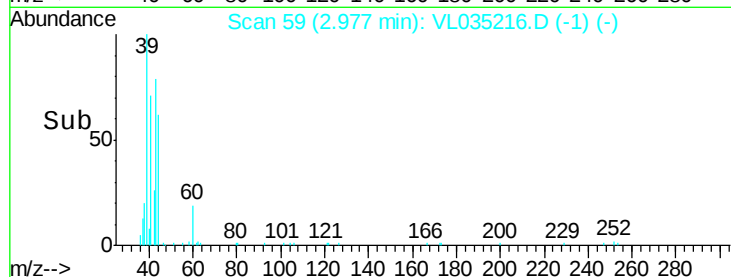
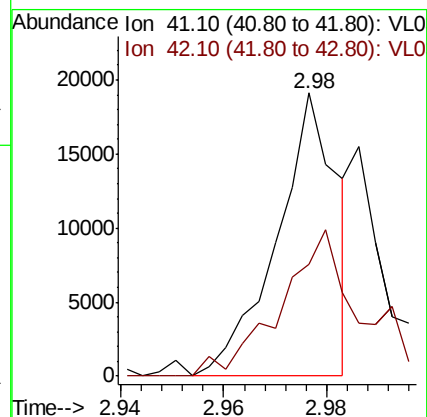
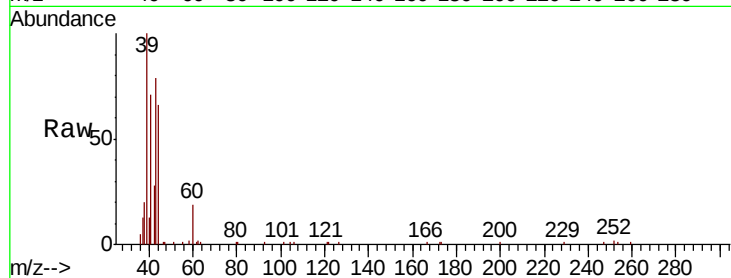
1ST-FLOOR-EAST-CLASSROOMDL

Tot Ion: 41 Resp: 15484

Ion Ratio Lower Upper

41 100

42 68.1 54.6 81.8



#13

Ethanol

Concen: 12.123 ppbv

RT: 3.57 min Scan# 244

Delta R.T. 0.00 min

Lab File: VL035216.D

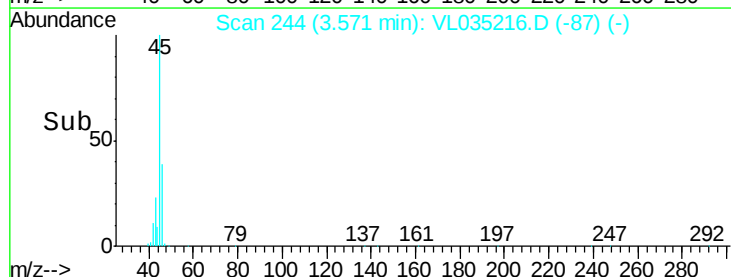
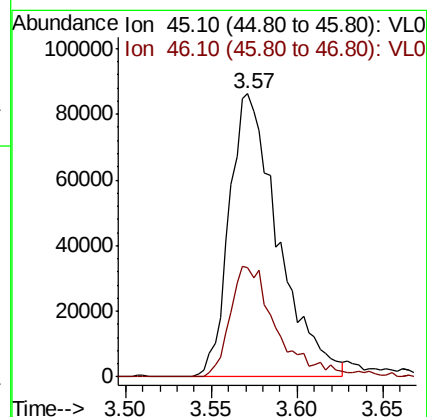
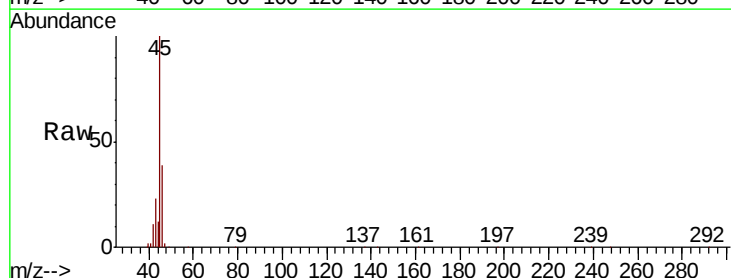
Acq: 21 Jul 2020 17:58

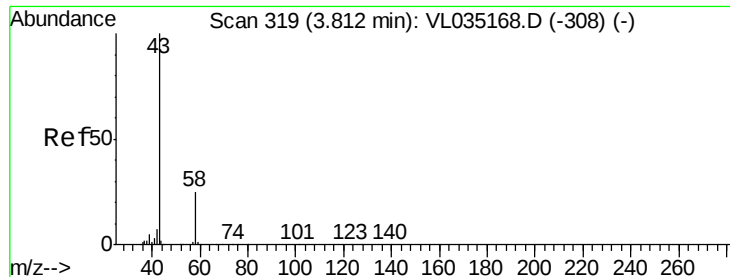
Tgt Ion: 45 Resp: 170385

Ion Ratio Lower Upper

45 100

46 37.8 16.2 65.0





#15

Acetone

Concen: 1.086 ppbv

RT: 3.83 min Scan# 324

Delta R.T. 0.02 min

Lab File: VL035216.D

Acq: 21 Jul 2020 17:58

Instrument :

MSVOA_L

ClientSampleId :

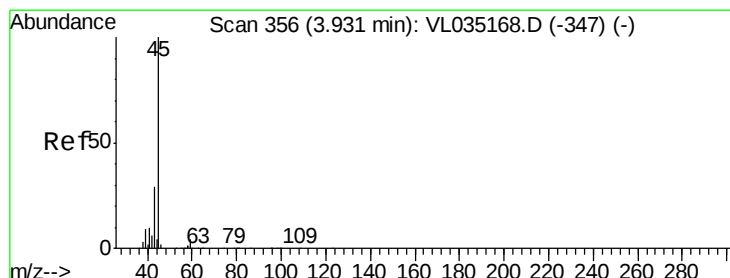
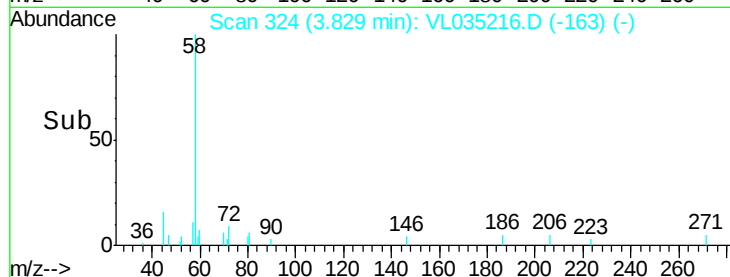
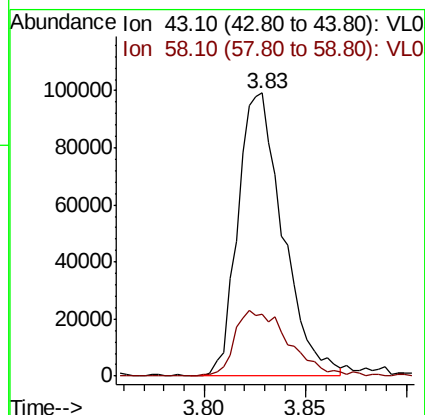
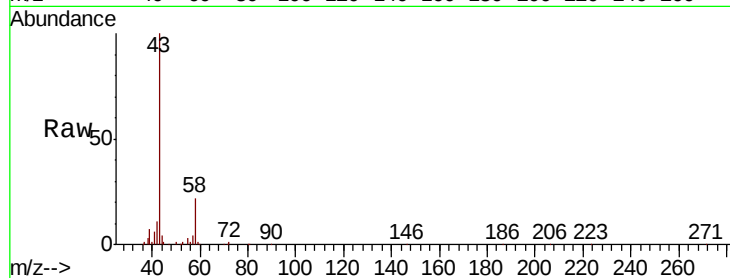
1ST-FLOOR-EAST-CLASSROOMDL

Tot Ion: 43 Resp: 155519

Ion Ratio Lower Upper

43 100

58 27.9 21.3 31.9



#19

Isopropyl Alcohol

Concen: 0.778 ppbv

RT: 3.94 min Scan# 360

Delta R.T. 0.01 min

Lab File: VL035216.D

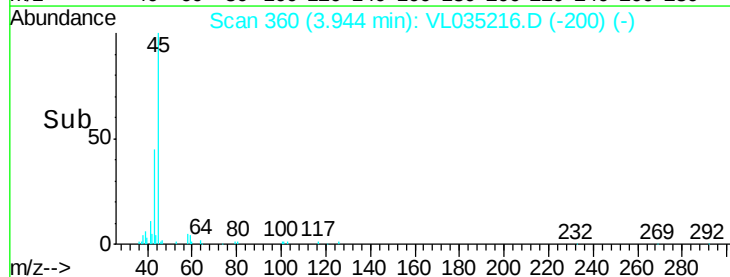
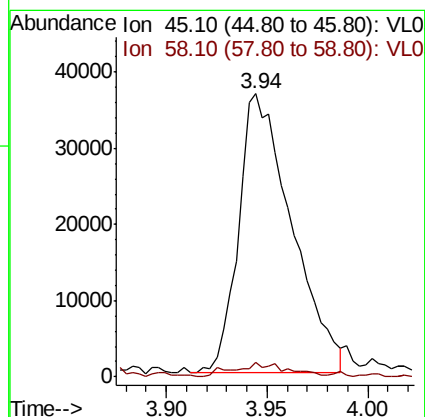
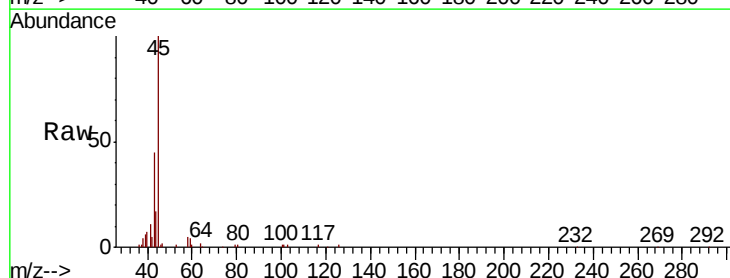
Acq: 21 Jul 2020 17:58

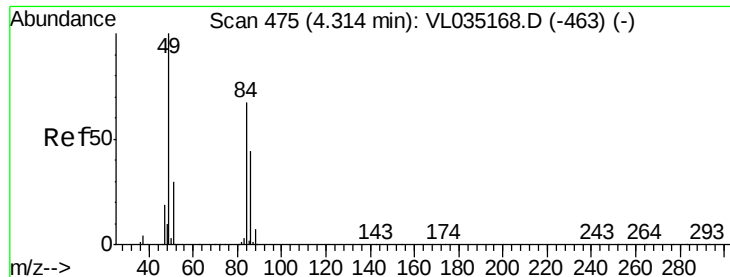
Tgt Ion: 45 Resp: 67161

Ion Ratio Lower Upper

45 100

58 5.9 2.1 3.1#

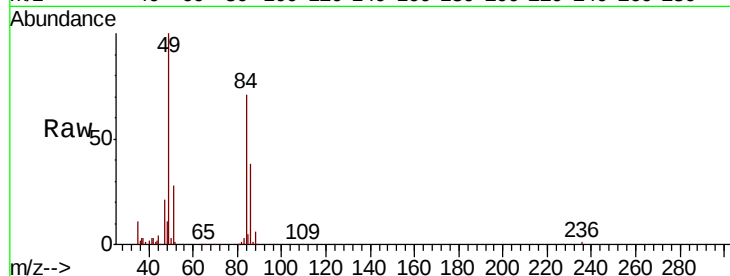




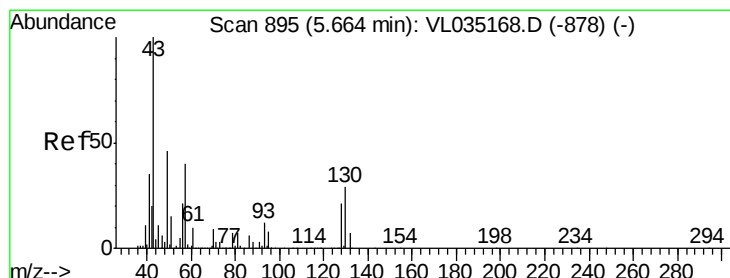
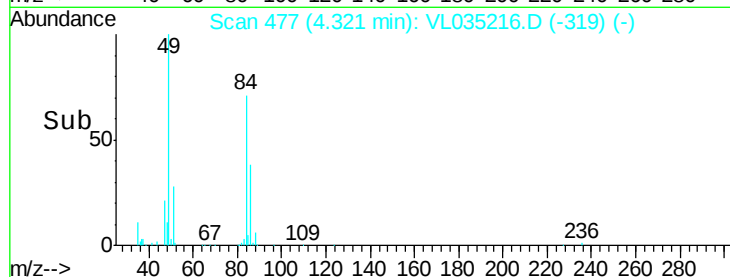
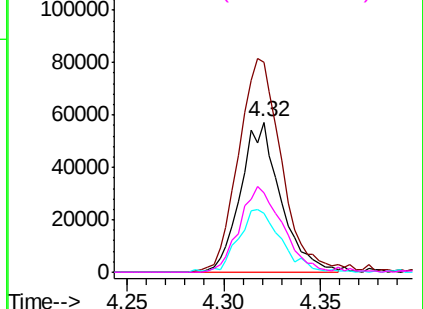
#20
Methylene Chloride
Concen: 1.325 ppbv
RT: 4.32 min Scan# 477
Delta R.T. 0.01 min
Lab File: VL035216.D
Acq: 21 Jul 2020 17:58

Instrument :
MSVOA_L
ClientSampleId :
1ST-FLOOR-EAST-CLASSROOMDL

Tot Ion:	84	Resp:	82554
Ion	Ratio	Lower	Upper
84	100		
49	139.6	119.4	179.0
51	40.8	36.6	55.0
86	52.6	52.5	78.7

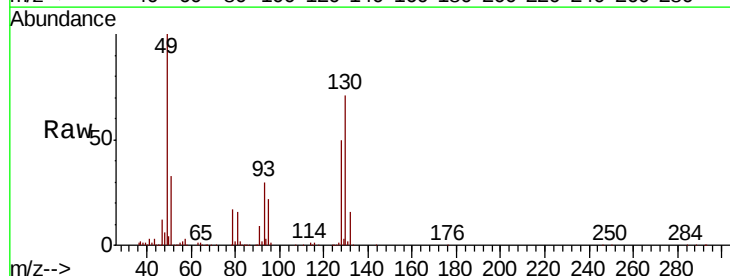


Abundance Ion 84.00 (83.70 to 84.70): VL0
Ion 49.10 (48.80 to 49.80): VL0
Ion 51.10 (50.80 to 51.80): VL0
Ion 86.00 (85.70 to 86.70): VL0

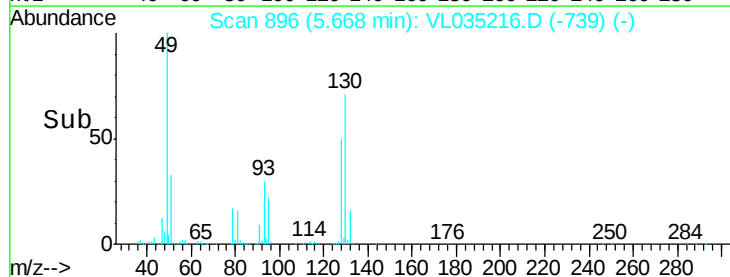
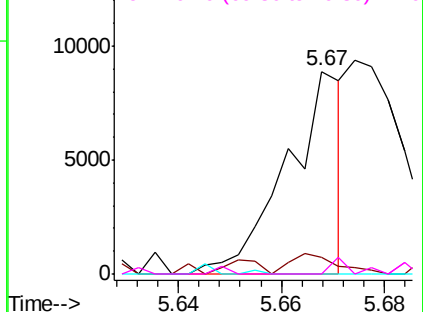


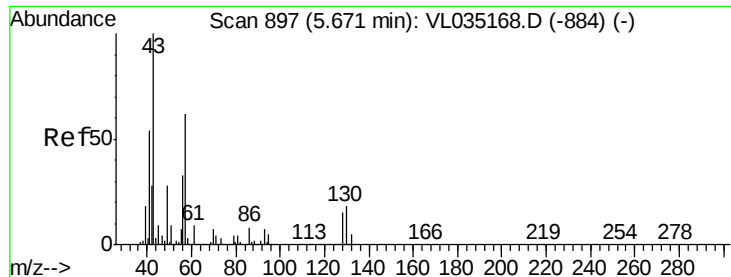
#25
Ethyl Acetate
Concen: 0.030 ppbv
RT: 5.67 min Scan# 896
Delta R.T. 0.00 min
Lab File: VL035216.D
Acq: 21 Jul 2020 17:58

Tgt Ion:	43	Resp:	6708
Ion	Ratio	Lower	Upper
43	100		
45	13.8	8.5	12.7#
61	0.0	8.1	12.1#
70	0.0	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

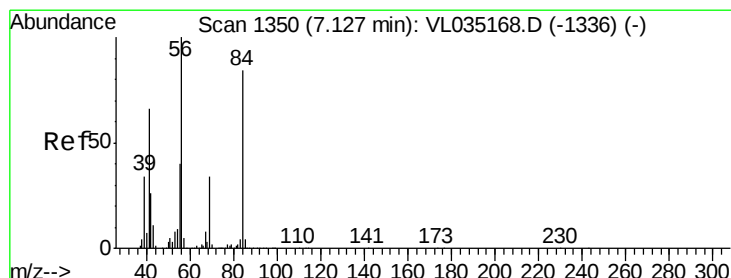
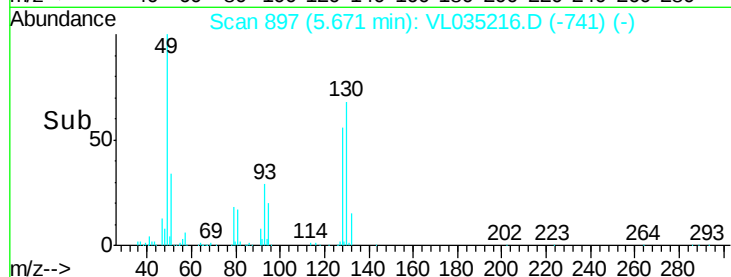
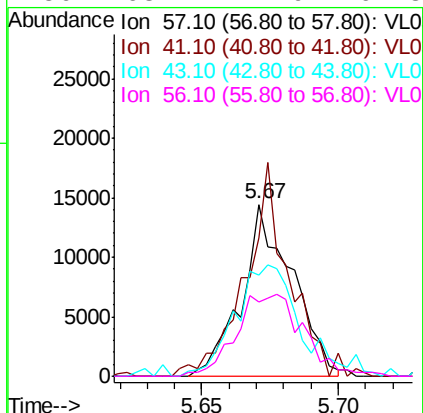
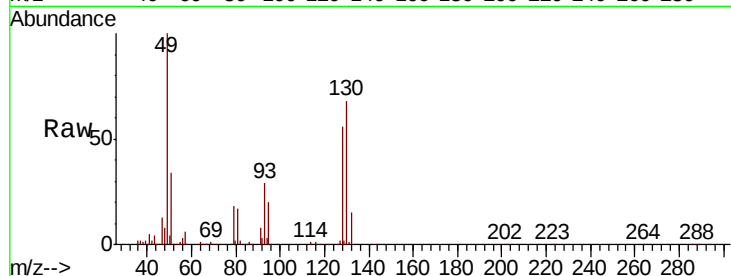




#26
Hexane
Concen: 0.190 ppbv
RT: 5.67 min Scan# 897
Delta R.T. 0.00 min
Lab File: VL035216.D
Acq: 21 Jul 2020 17:58

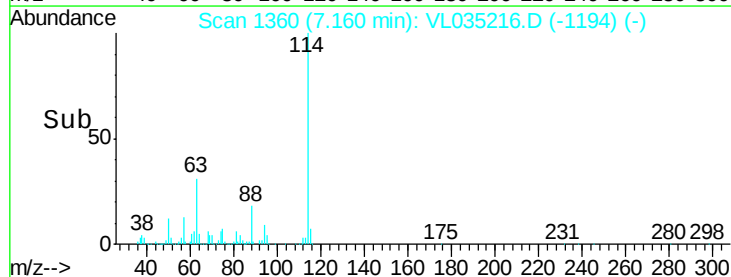
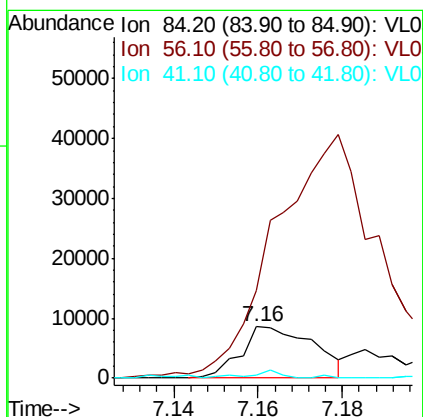
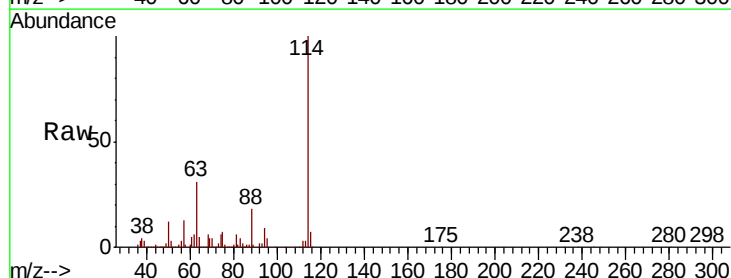
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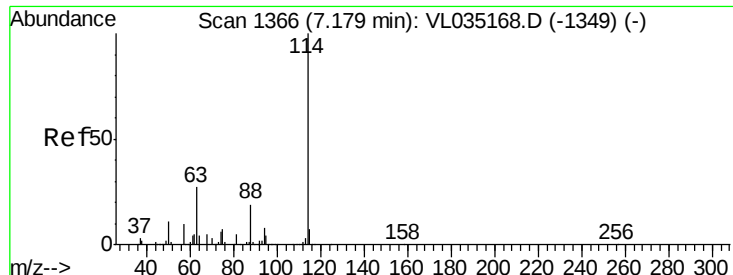
Tot Ion: 57 Resp: 18644
Ion Ratio Lower Upper
57 100
41 107.0 72.9 109.3
43 85.5 179.5 269.3#
56 63.2 42.9 64.3



#30
Cyclohexane
Concen: 0.142 ppbv
RT: 7.16 min Scan# 1360
Delta R.T. 0.03 min
Lab File: VL035216.D
Acq: 21 Jul 2020 17:58

Tgt Ion: 84 Resp: 10273
Ion Ratio Lower Upper
84 100
56 0.0 105.6 158.4#
41 10.0 64.9 97.3#

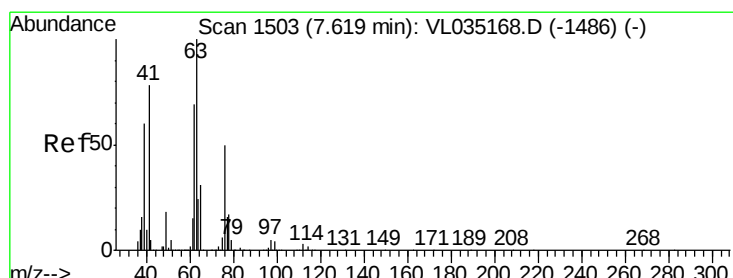
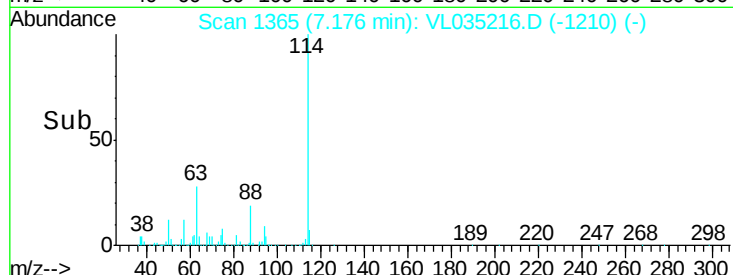
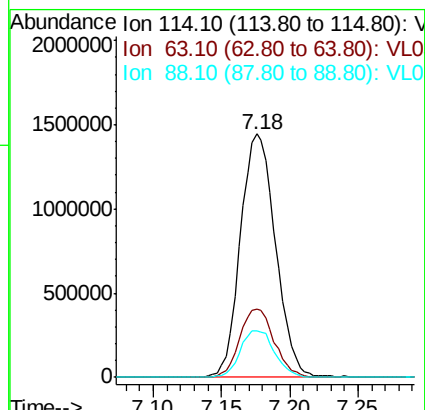
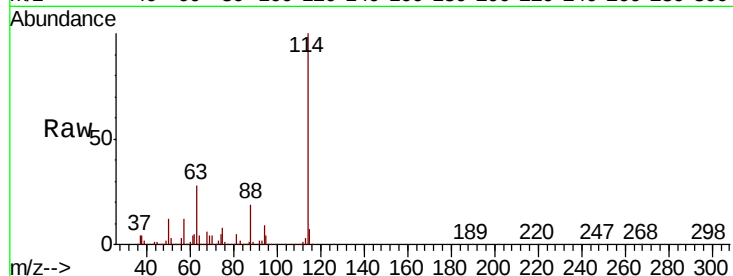




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VL035216.D
 Acq: 21 Jul 2020 17:58

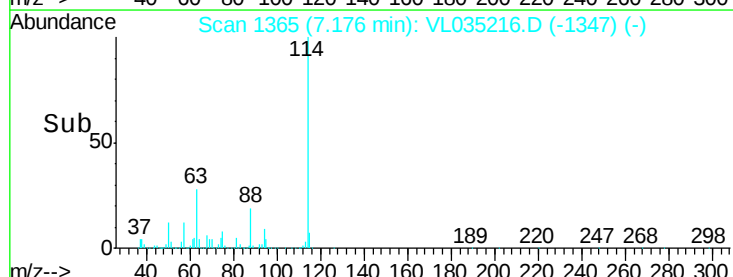
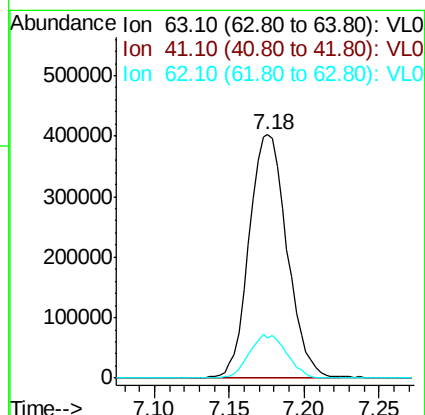
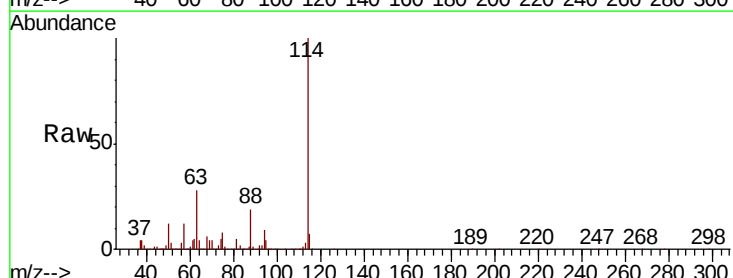
Instrument :
 MSVOA_L
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 1ST-FLOOR-EAST-CLASSROOMDL

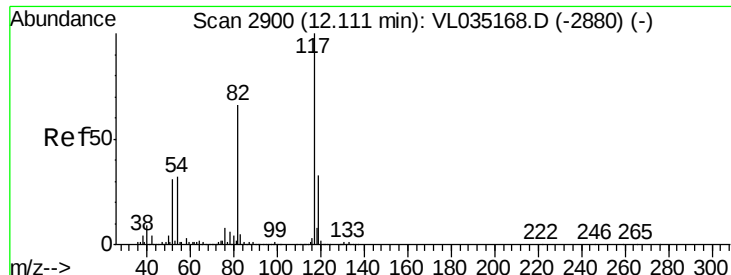
Tot Ion:114 Resp: 2580091
 Ion Ratio Lower Upper
 114 100
 63 27.6 22.0 33.0
 88 19.1 15.4 23.0



#39
 1,2-Dichloropropane
 Concen: 9.564 ppbv
 RT: 7.18 min Scan# 1365
 Delta R.T. -0.44 min
 Lab File: VL035216.D
 Acq: 21 Jul 2020 17:58

Tgt Ion: 63 Resp: 710261
 Ion Ratio Lower Upper
 63 100
 41 0.1 62.6 94.0#
 62 16.7 55.0 82.6#

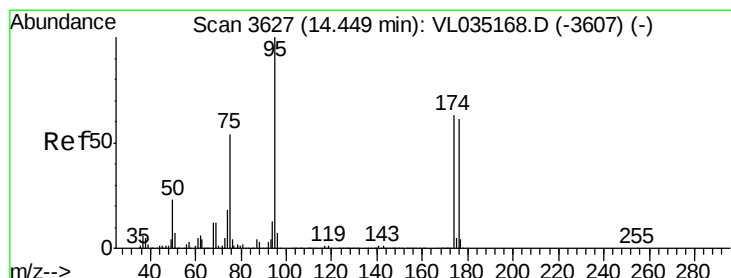
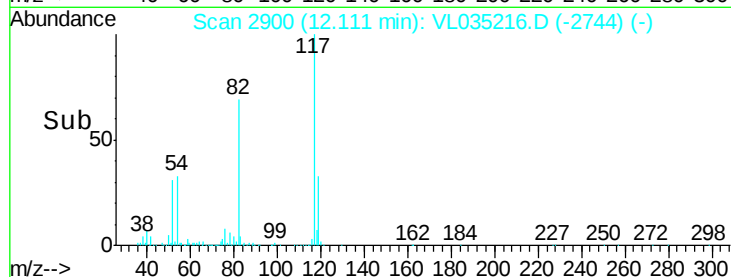
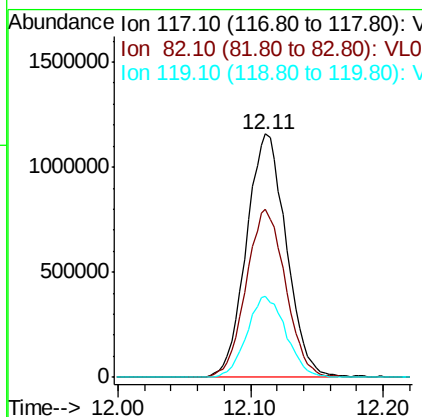
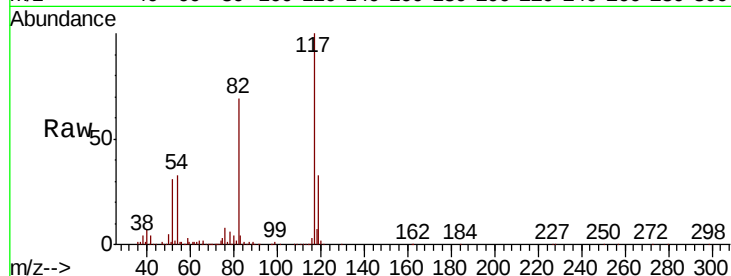




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.11 min Scan# 2900
Delta R.T. 0.00 min
Lab File: VL035216.D
Acq: 21 Jul 2020 17:58

Instrument :
MSVOA_L
ClientSampleId :
1ST-FLOOR-EAST-CLASSROOMDL

Tot Ion:117 Resp: 2412156
Ion Ratio Lower Upper
117 100
82 69.1 52.3 78.5
119 32.9 24.9 37.3



#68
1-Bromo-4-Fluorobenzene
Concen: 10.033 ppbv
RT: 14.45 min Scan# 3626
Delta R.T. -0.00 min
Lab File: VL035216.D
Acq: 21 Jul 2020 17:58

Tgt Ion: 95 Resp: 1966024
Ion Ratio Lower Upper
95 100
174 65.2 52.2 78.2
175 4.7 4.0 6.0

