

Data File : VL033523.D
Acq On : 30 Mar 2019 4:56
Operator : SY/AP
Sample : K2042-08
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SG-9-PRE-K-TEACHERS-ROOM

Quant Time: Mar 30 06:21:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032519AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Mar 26 16:00:50 2019
QLast Update : Tue Mar 26 16:00:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.76	49	778327	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	1772250	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	1914751	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.58	95	1446599	9.64	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.40%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.07	85	37865	0.334	ppbv	98
3) Chlorodifluoromethane	2.99	51	12417989	138.584	ppbv #	57
4) Chloromethane	3.17	50	9824	0.207	ppbv #	77
7) Chloroethane	3.60	64	4409	0.254	ppbv #	88
9) Propene	3.24	41	79719	2.118	ppbv	85
10) Heptane	8.24	43	13995	0.139	ppbv #	32
11) Trichlorofluoromethane	4.00	101	48975	0.350	ppbv	92
13) Ethanol	3.66	45	3197693	328.383	ppbv	65
15) Acetone	3.90	43	1386463	14.815	ppbv	97
16) 1,3-Butadiene	3.34	39	25342	0.683	ppbv #	15
17) tert-Butyl alcohol	4.37	59	30720	1.785	ppbv #	73
19) Isopropyl Alcohol	4.04	45	396106	6.692	ppbv #	95
20) Methylene Chloride	4.41	84	669302	16.848	ppbv	98
21) Allyl Chloride	4.41	41	14220	0.240	ppbv #	42
22) trans-1,2-Dichloroethene	4.96	96	2883	0.068	ppbv #	43
23) Vinyl Acetate	5.15	43	62853	0.472	ppbv #	72
25) Ethyl Acetate	5.78	43	351534	2.025	ppbv #	82
26) Hexane	5.78	57	458108	5.934	ppbv #	43
27) Carbon Disulfide	4.62	76	3554	0.039	ppbv #	12
29) Chloroform	5.84	83	57266	0.433	ppbv	87
30) Cyclohexane	7.25	84	6467	0.106	ppbv #	1
31) cis-1,2-Dichloroethene	5.64	61	39178	0.510	ppbv	89
34) 2-Butanone	5.33	43	101039	0.949	ppbv	98
36) Benzene	7.00	78	61817	0.416	ppbv	95
38) Trichloroethene	7.96	130	202350	3.616	ppbv	96
39) 1,2-Dichloropropane	7.29	63	471013	8.086	ppbv #	23
41) Tetrahydrofuran	6.42	42	2440	0.042	ppbv #	42
44) 2,2,4-Trimethylpentane	7.99	57	18848	0.073	ppbv #	1
50) 4-Methyl-2-Pentanone	8.87	43	5186	0.033	ppbv #	40
52) Tetrachloroethene	11.37	164	1689	0.030	ppbv #	39
53) Toluene	9.95	91	1713521	9.916	ppbv	100
56) 1,1,1,2-Tetrachloroethane	11.84	131	29566	0.337	ppbv #	1
58) Ethyl Benzene	12.86	91	38280	0.150	ppbv #	84
59) m/p-Xylene	13.15	91	23442	0.103	ppbv #	100
60) o-Xylene	13.85	91	33709	0.153	ppbv	99
61) Styrene	13.69	104	5301	0.035	ppbv #	1
65) tert-Butylbenzene	17.12	119	263991	0.958	ppbv #	21
67) sec-Butylbenzene	17.14	105	18463	0.047	ppbv	92
74) 1,2,4-Trimethylbenzene	16.93	105	18042	0.071	ppbv #	70

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL032919\
Quantitation Report (Not Reviewed)

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Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Mar 26 16:00:50 2019
QLast Update : Tue Mar 26 16:00:50 2019
Response via : Initial Calibration

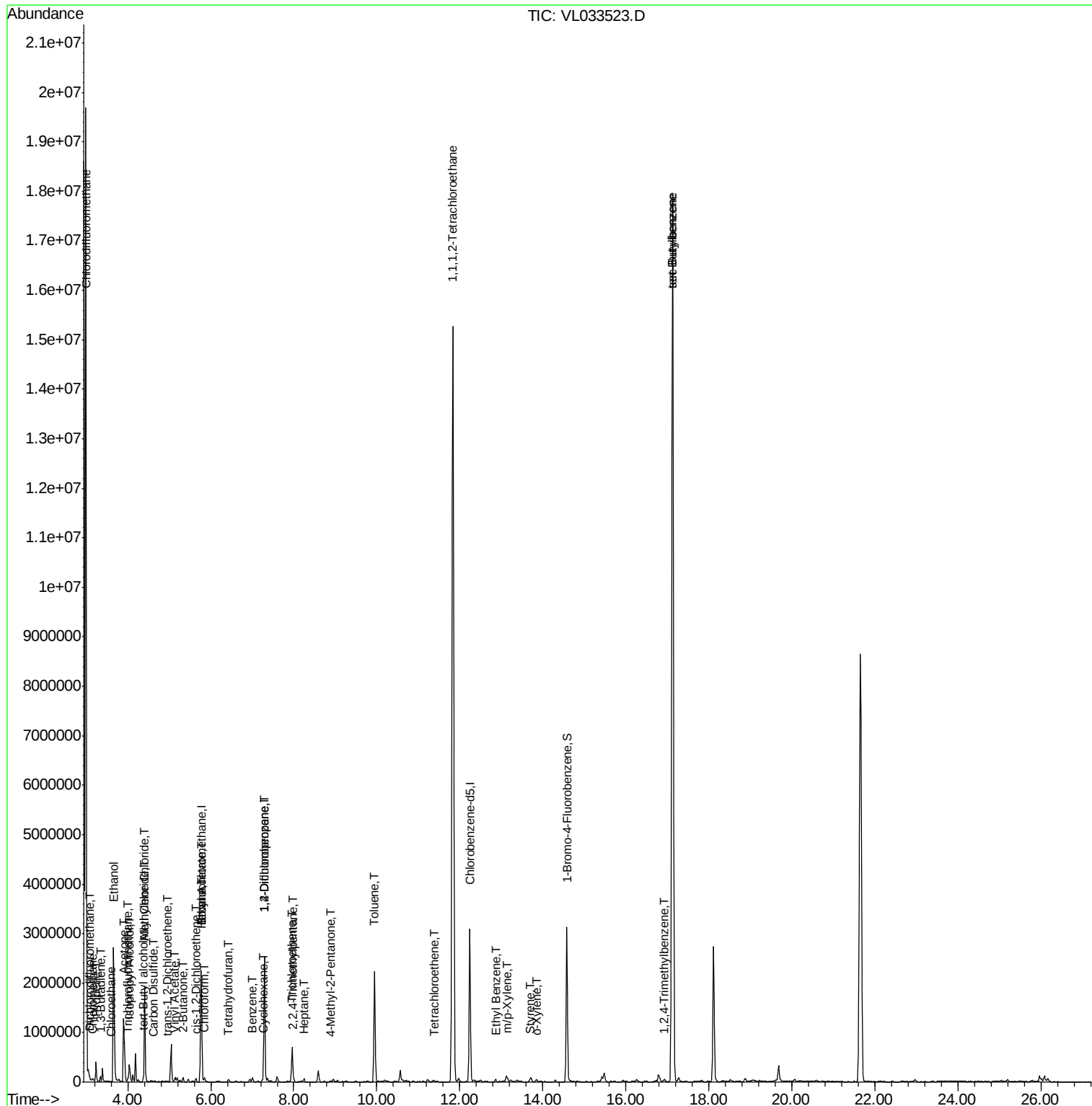
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

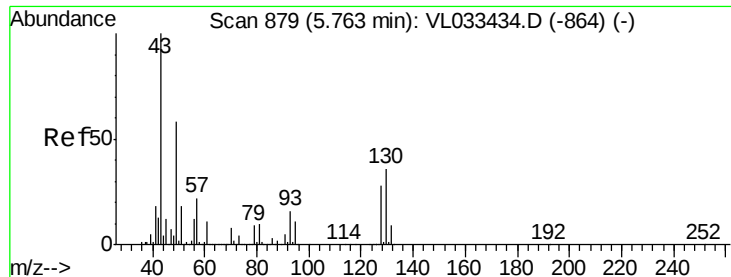
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.76 min Scan# 878

Delta R.T. -0.00 min

Lab File: VL033523.D

Acq: 30 Mar 2019 4:56

Instrument :

MSVOA_L

ClientSampleId :

SG-9-PRE-K-TEACHERS-ROOM

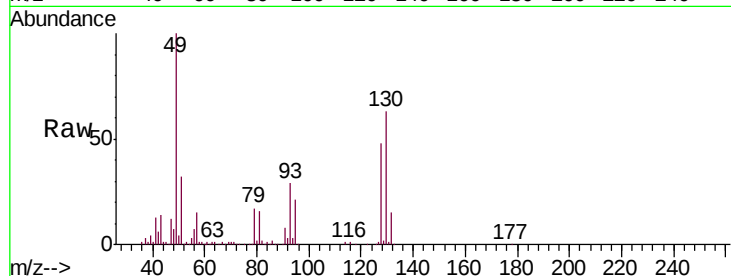
Tgt Ion: 49 Resp: 778327

Ion Ratio Lower Upper

49 100

128 48.4 24.0 72.0

130 63.1 31.2 93.6



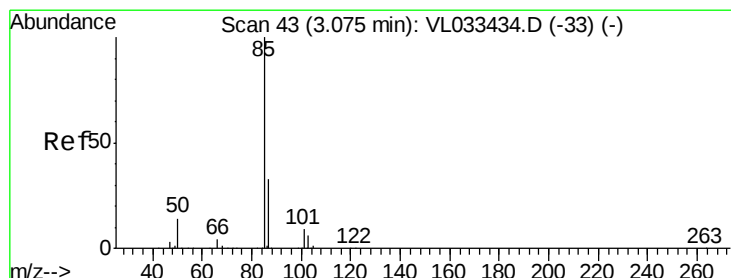
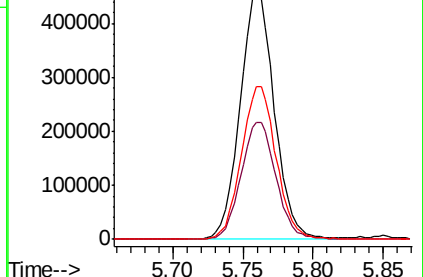
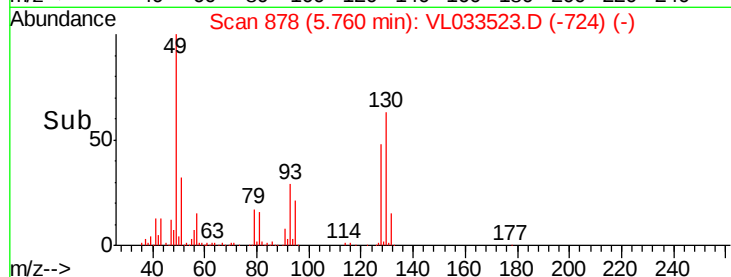
Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0

5.76

Time-->



#2

Dichlorodifluoromethane

Concen: 0.334 ppbv

RT: 3.07 min Scan# 43

Delta R.T. -0.00 min

Lab File: VL033523.D

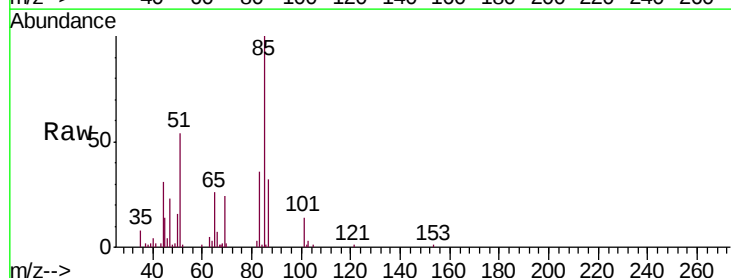
Acq: 30 Mar 2019 4:56

Tgt Ion: 85 Resp: 37865

Ion Ratio Lower Upper

85 100

87 32.3 26.7 40.1

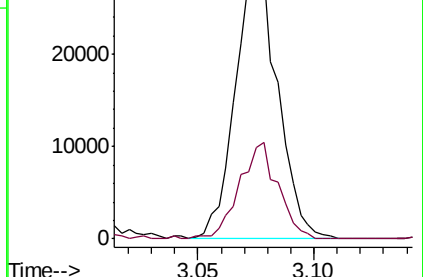
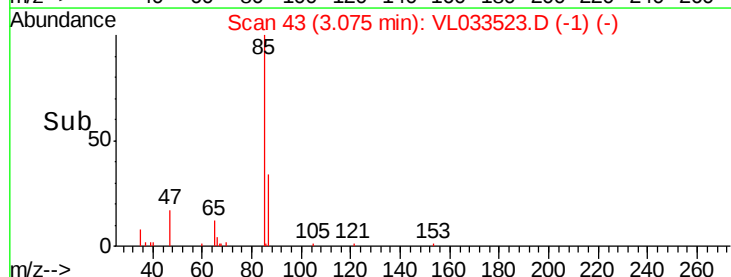


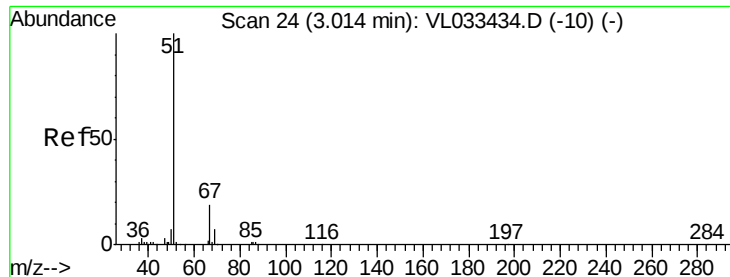
Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0

3.07

Time-->

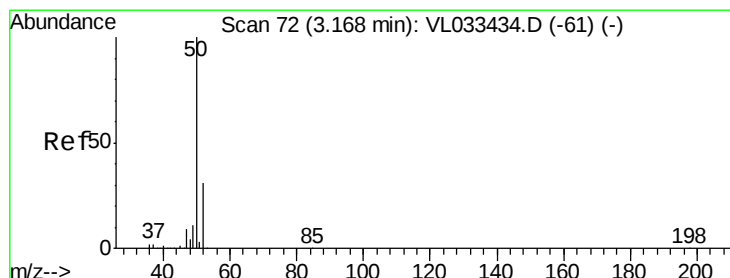
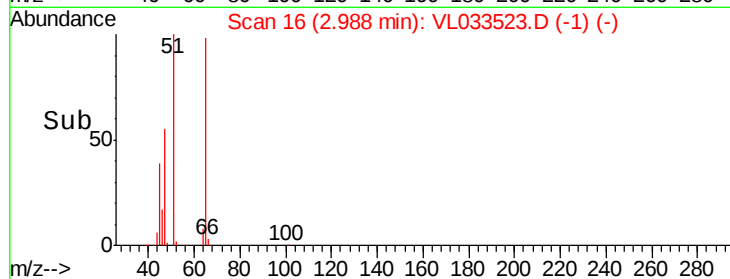
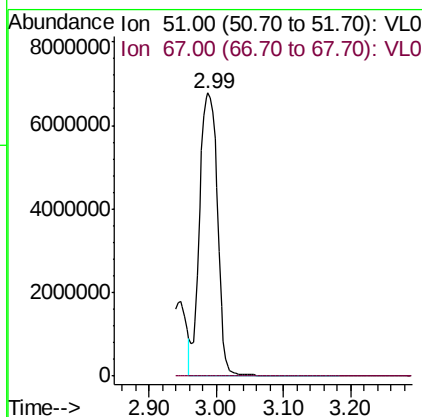
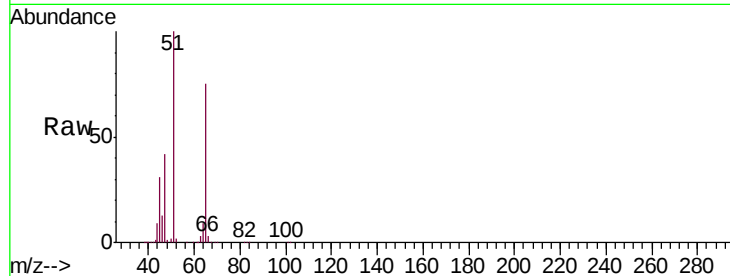




#3
Chlorodifluoromethane
Concen: 138.584 ppbv
RT: 2.99 min Scan# 16
Delta R.T. -0.03 min
Lab File: VL033523.D
Acq: 30 Mar 2019 4:56

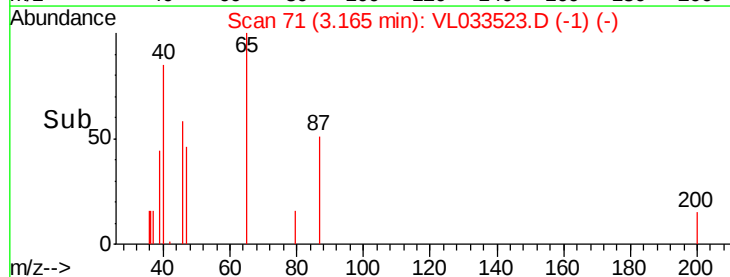
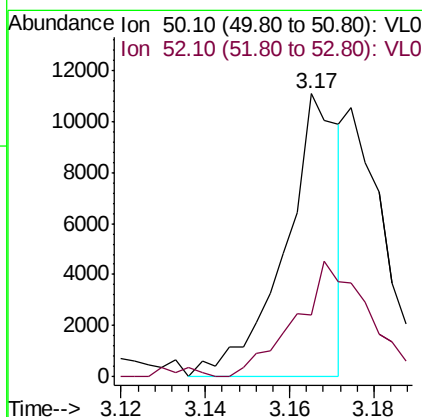
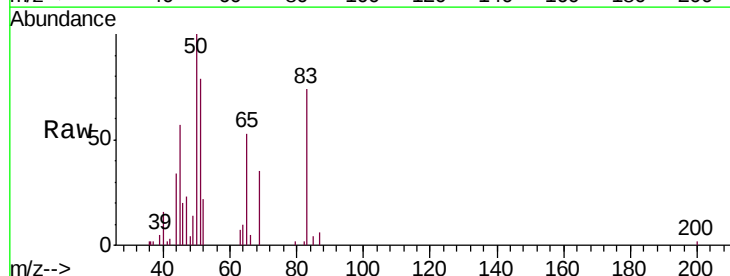
Instrument :
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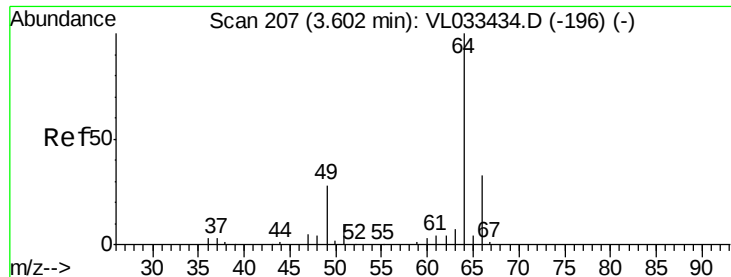
Tgt Ion: 51 Resp:12417989
Ion Ratio Lower Upper
51 100
67 0.1 15.7 23.5#



#4
Chloromethane
Concen: 0.207 ppbv
RT: 3.17 min Scan# 71
Delta R.T. -0.00 min
Lab File: VL033523.D
Acq: 30 Mar 2019 4:56

Tgt Ion: 50 Resp: 9824
Ion Ratio Lower Upper
50 100
52 18.7 25.0 37.6#





#7

Chloroethane

Concen: 0.254 ppbv

RT: 3.60 min Scan# 207

Delta R.T. -0.00 min

Lab File: VL033523.D

Acq: 30 Mar 2019 4:56

Instrument :

MSVOA_L

ClientSampleId :

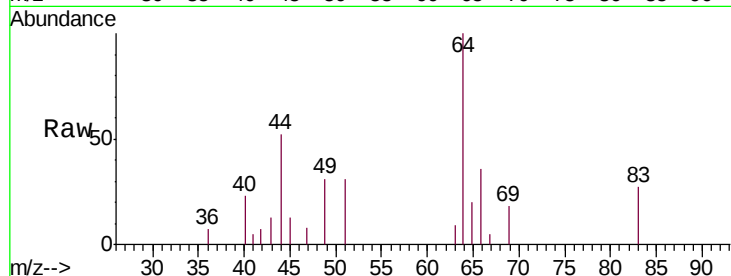
SG-9-PRE-K-TEACHERS-ROOM

Tgt Ion: 64 Resp: 4409

Ion Ratio Lower Upper

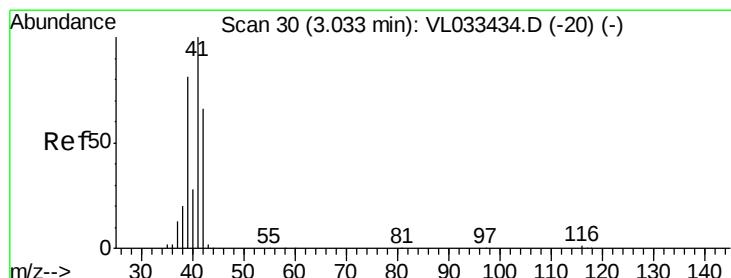
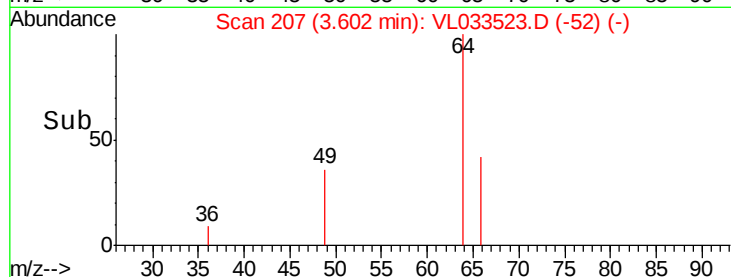
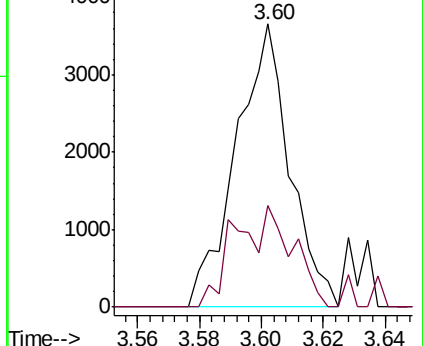
64 100

66 40.4 26.7 40.1#



Abundance Ion 64.10 (63.80 to 64.80): VL0

Ion 66.10 (65.80 to 66.80): VL0



#9

Propene

Concen: 2.118 ppbv

RT: 3.24 min Scan# 93

Delta R.T. 0.20 min

Lab File: VL033523.D

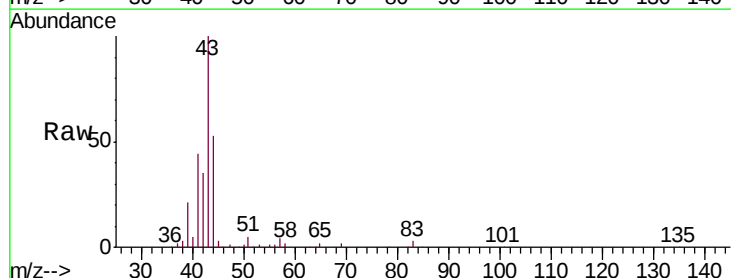
Acq: 30 Mar 2019 4:56

Tgt Ion: 41 Resp: 79719

Ion Ratio Lower Upper

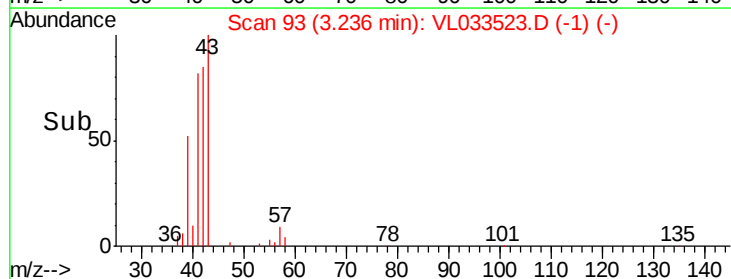
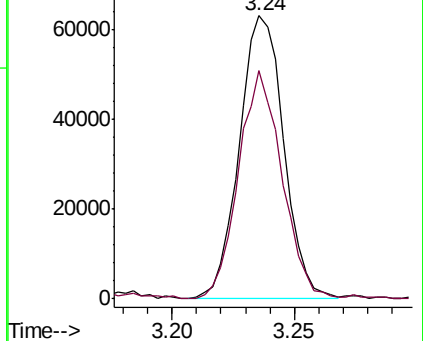
41 100

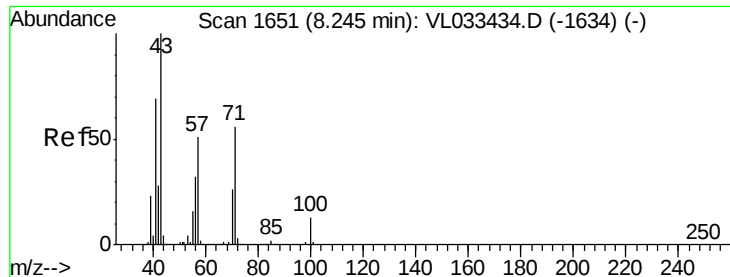
42 79.5 53.9 80.9



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0





#10

Heptane

Concen: 0.139 ppbv

RT: 8.24 min Scan# 1650

Delta R.T. -0.00 min

Lab File: VL033523.D

Acq: 30 Mar 2019 4:56

Instrument :

MSVOA_L

ClientSampleId :

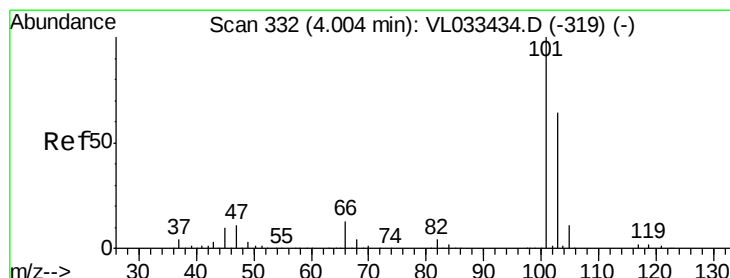
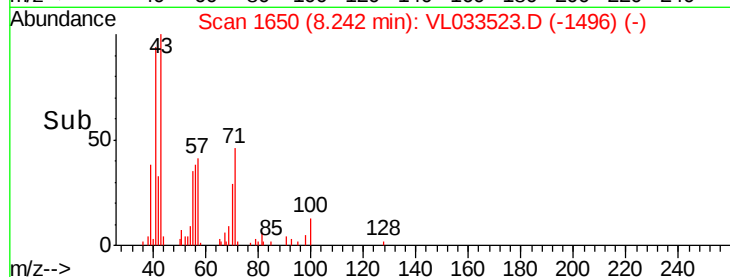
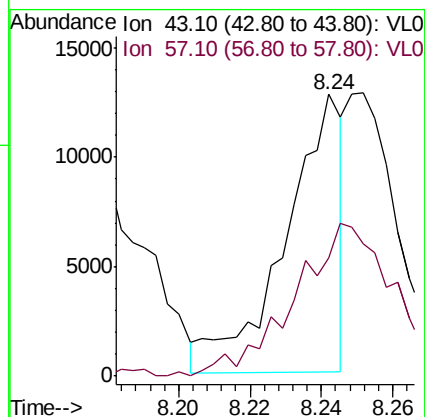
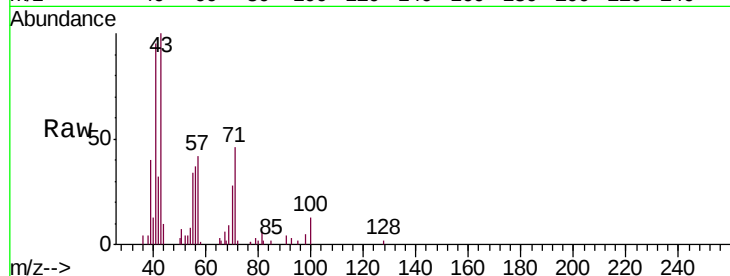
SG-9-PRE-K-TEACHERS-ROOM

Tgt Ion: 43 Resp: 13995

Ion Ratio Lower Upper

43 100

57 98.0 40.6 60.8#



#11

Trichlorofluoromethane

Concen: 0.350 ppbv

RT: 4.00 min Scan# 332

Delta R.T. -0.00 min

Lab File: VL033523.D

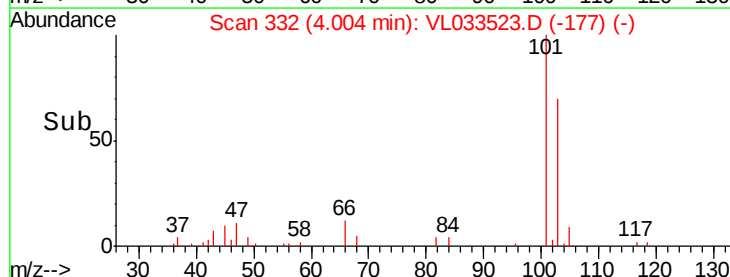
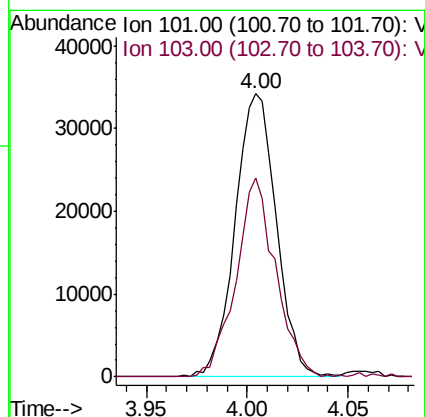
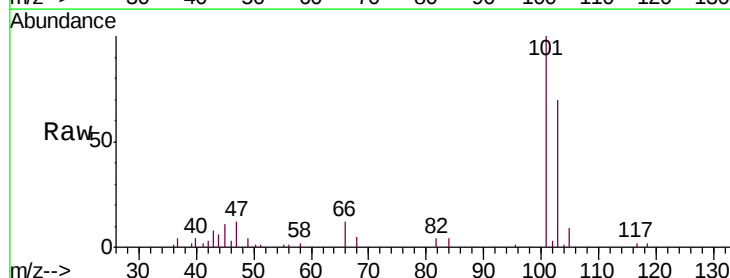
Acq: 30 Mar 2019 4:56

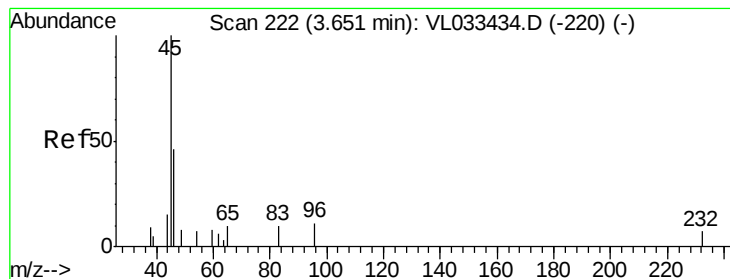
Tgt Ion: 101 Resp: 48975

Ion Ratio Lower Upper

101 100

103 70.4 51.3 76.9





#13

Ethanol

Concen: 328.383 ppbv

RT: 3.66 min Scan# 225

Delta R.T. 0.01 min

Lab File: VL033523.D

Acq: 30 Mar 2019 4:56

Instrument :

MSVOA_L

ClientSampleId :

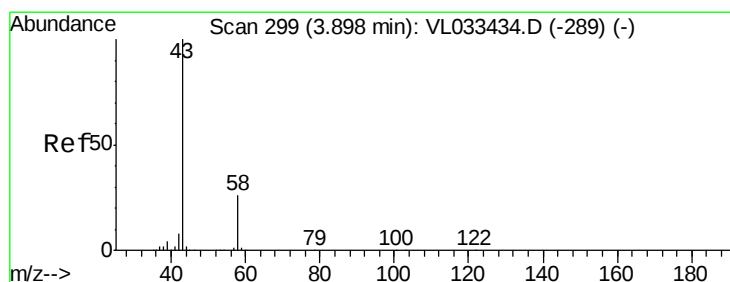
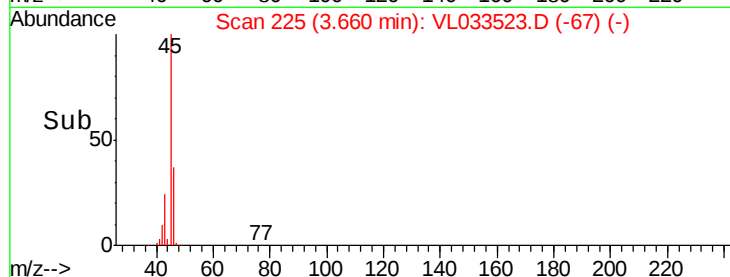
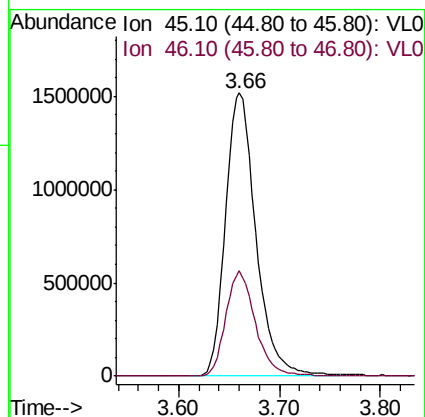
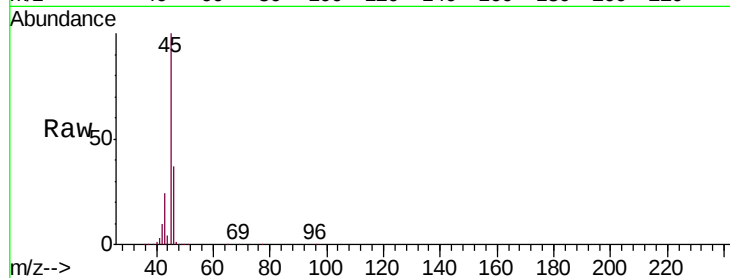
SG-9-PRE-K-TEACHERS-ROOM

Tgt Ion: 45 Resp: 3197693

Ion Ratio Lower Upper

45 100

46 36.6 25.4 101.8



#15

Acetone

Concen: 14.815 ppbv

RT: 3.90 min Scan# 299

Delta R.T. -0.00 min

Lab File: VL033523.D

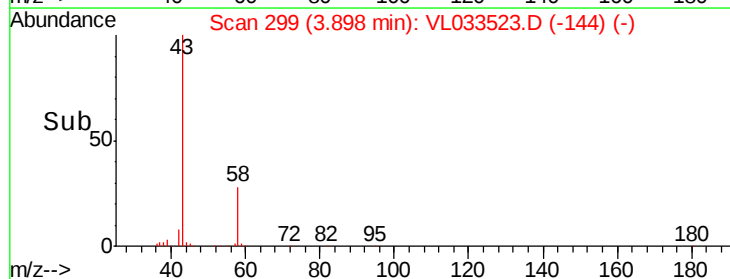
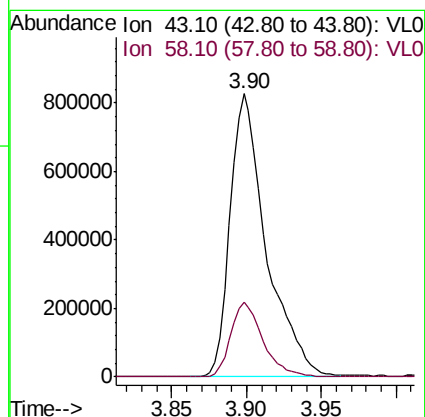
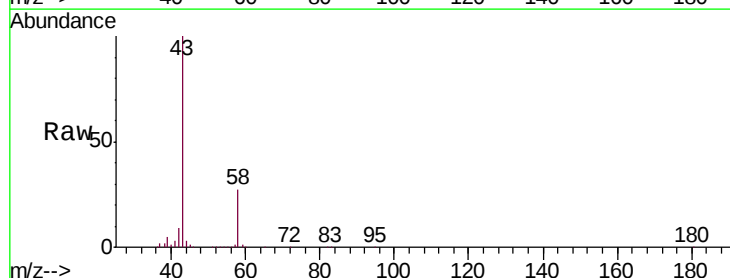
Acq: 30 Mar 2019 4:56

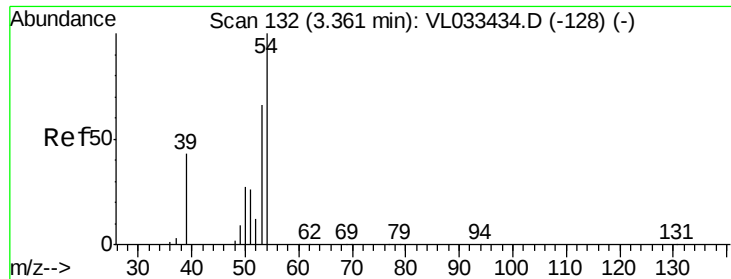
Tgt Ion: 43 Resp: 1386463

Ion Ratio Lower Upper

43 100

58 23.8 20.5 30.7

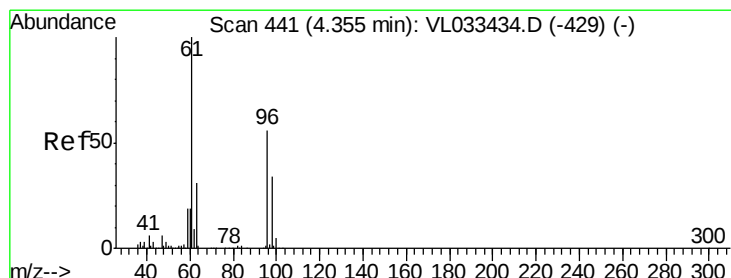
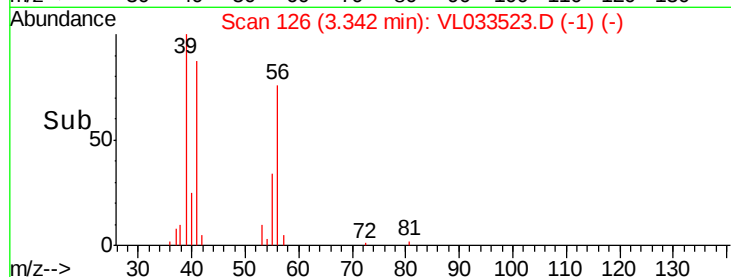
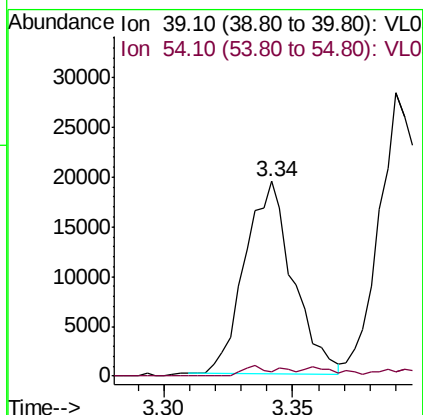
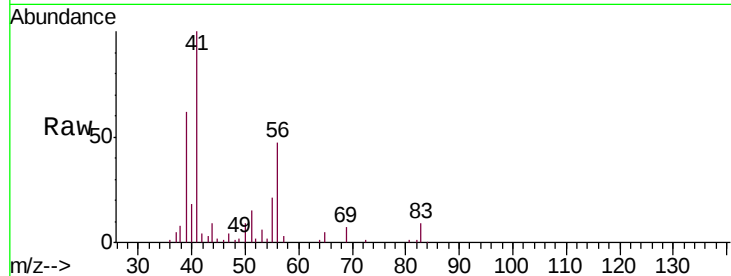




#16
 1,3-Butadiene
 Concen: 0.683 ppbv
 RT: 3.34 min Scan# 126
 Delta R.T. -0.02 min
 Lab File: VL033523.D
 Acq: 30 Mar 2019 4:56

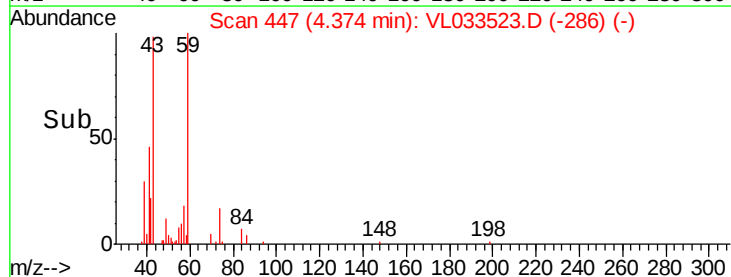
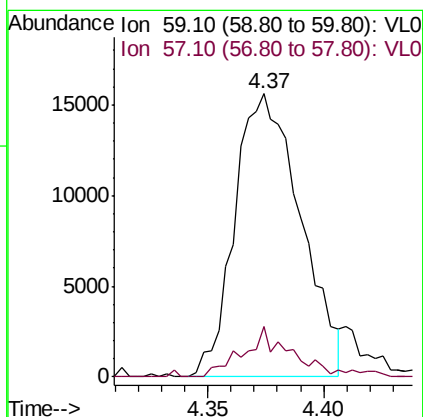
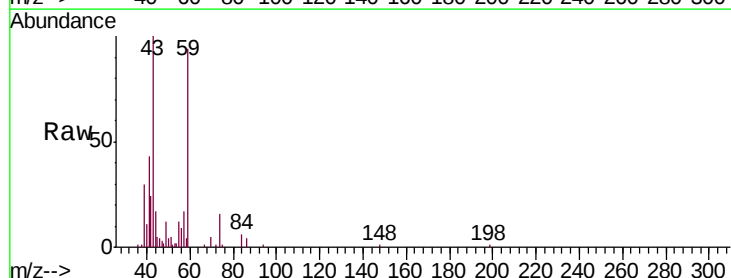
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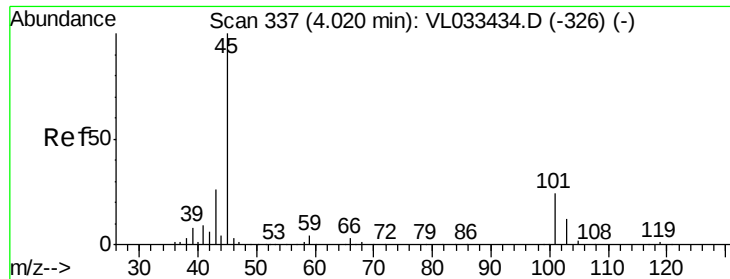
Tgt Ion: 39 Resp: 25342
 Ion Ratio Lower Upper
 39 100
 54 8.1 69.4 104.2#



#17
 tert-Butyl alcohol
 Concen: 1.785 ppbv
 RT: 4.37 min Scan# 447
 Delta R.T. 0.02 min
 Lab File: VL033523.D
 Acq: 30 Mar 2019 4:56

Tgt Ion: 59 Resp: 30720
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.8 11.8#





#19

Isopropyl Alcohol

Concen: 6.692 ppbv

RT: 4.04 min Scan# 343

Delta R.T. 0.02 min

Lab File: VL033523.D

Acq: 30 Mar 2019 4:56

Instrument :

MSVOA_L

ClientSampleId :

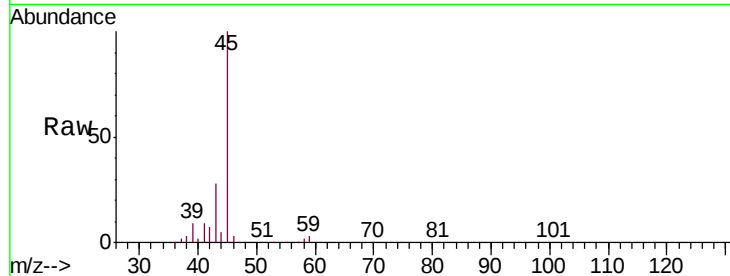
SG-9-PRE-K-TEACHERS-ROOM

Tgt Ion: 45 Resp: 396106

Ion Ratio Lower Upper

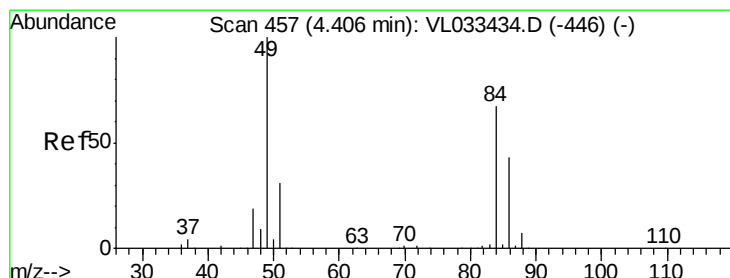
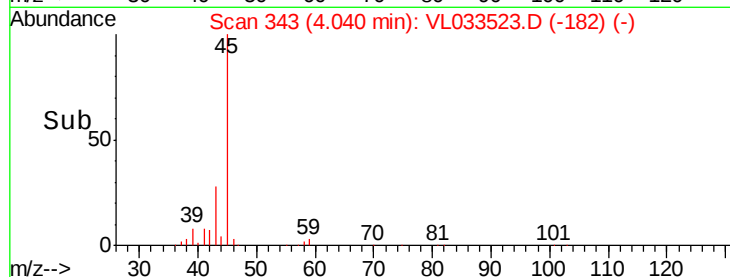
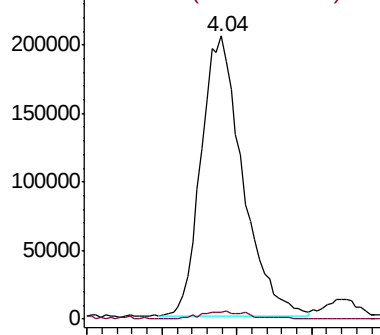
45 100

58 3.5 1.4 2.2#



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



#20

Methylene Chloride

Concen: 16.848 ppbv

RT: 4.41 min Scan# 457

Delta R.T. -0.00 min

Lab File: VL033523.D

Acq: 30 Mar 2019 4:56

Tgt Ion: 84 Resp: 669302

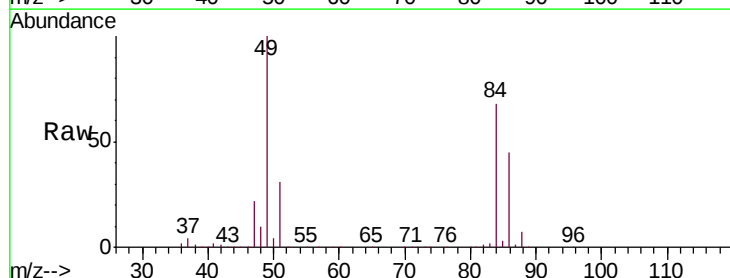
Ion Ratio Lower Upper

84 100

49 146.1 120.0 180.0

51 45.1 36.7 55.1

86 66.0 51.9 77.9

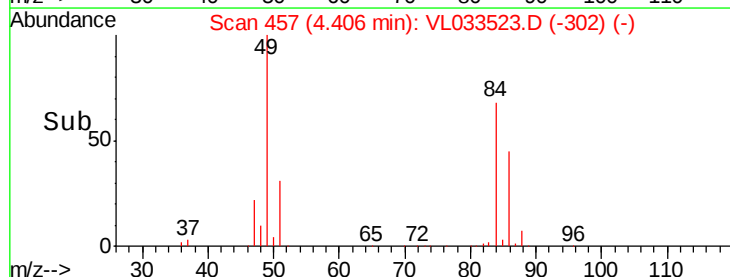
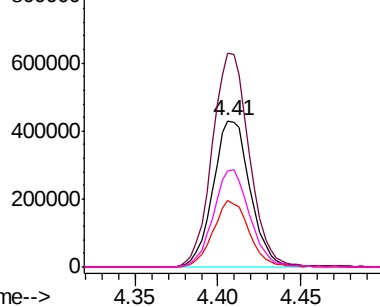


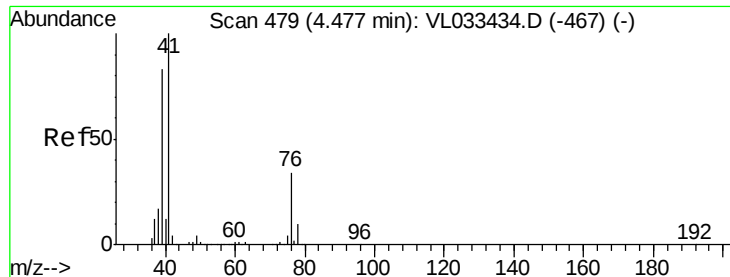
Abundance Ion 84.00 (83.70 to 84.70): VL0

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





#21

Allyl Chloride

Concen: 0.240 ppbv

RT: 4.41 min Scan# 458

Delta R.T. -0.07 min

Lab File: VL033523.D

Acq: 30 Mar 2019 4:56

Instrument :

MSVOA_L

ClientSampleId :

SG-9-PRE-K-TEACHERS-ROOM

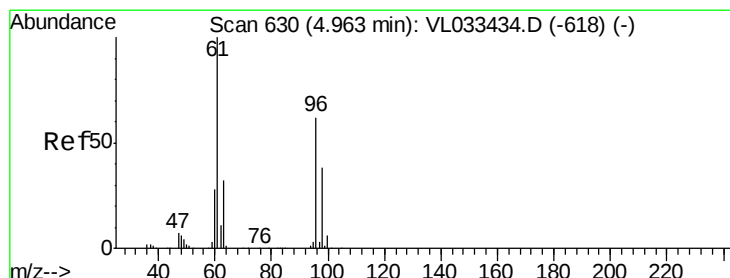
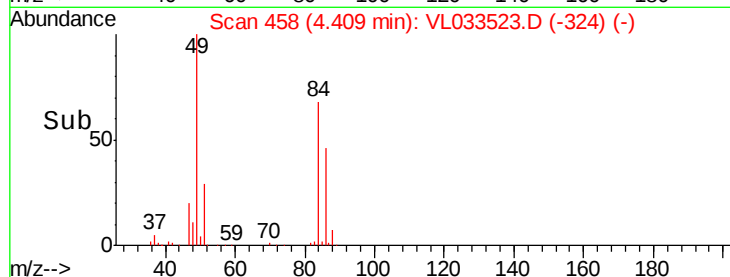
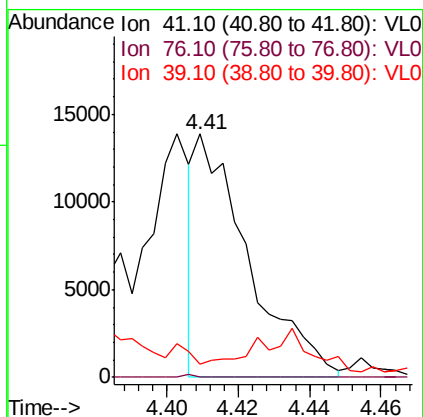
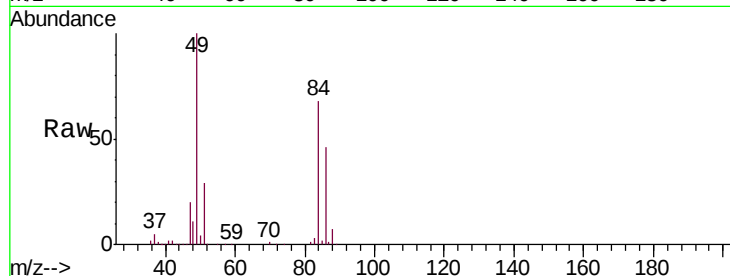
Tgt Ion: 41 Resp: 14220

Ion Ratio Lower Upper

41 100

76 0.0 25.4 38.2#

39 30.1 65.3 97.9#



#22

trans-1,2-Dichloroethene

Concen: 0.068 ppbv

RT: 4.96 min Scan# 630

Delta R.T. -0.00 min

Lab File: VL033523.D

Acq: 30 Mar 2019 4:56

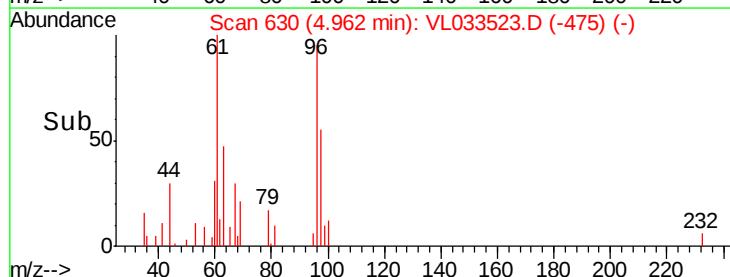
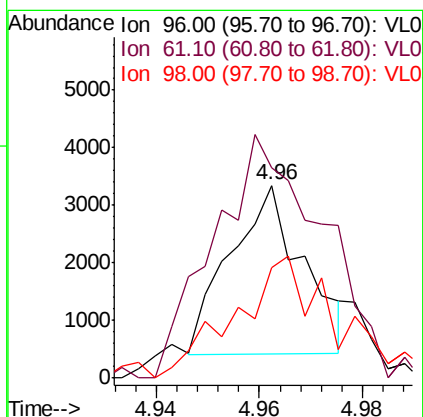
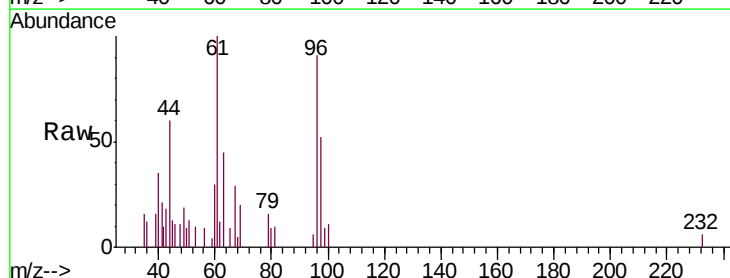
Tgt Ion: 96 Resp: 2883

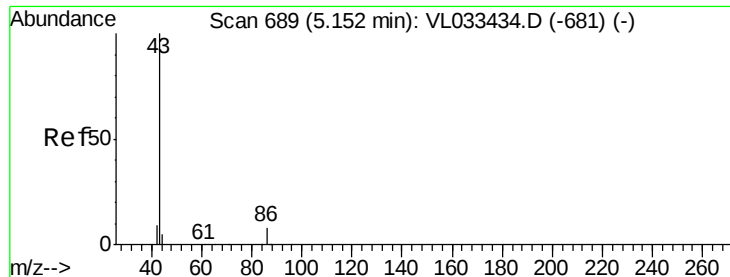
Ion Ratio Lower Upper

96 100

61 65.0 128.9 193.3#

98 49.6 49.5 74.3





#23

Vinyl Acetate

Concen: 0.472 ppbv

RT: 5.15 min Scan# 687

Delta R.T. -0.01 min

Lab File: VL033523.D

Acq: 30 Mar 2019 4:56

Instrument :

MSVOA_L

ClientSampleId :

SG-9-PRE-K-TEACHERS-ROOM

Tgt Ion: 43 Resp: 62853

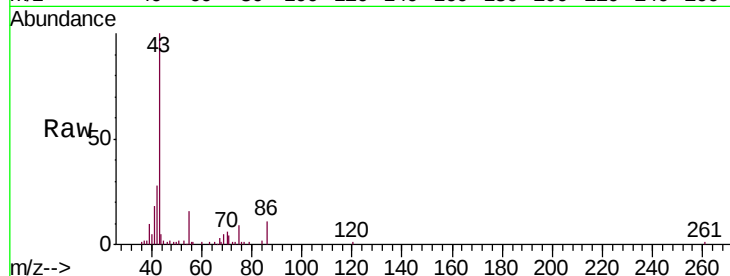
Ion Ratio Lower Upper

43 100

86 11.0 5.6 8.4#

42 28.6 8.0 12.0#

44 3.0 3.9 5.9#

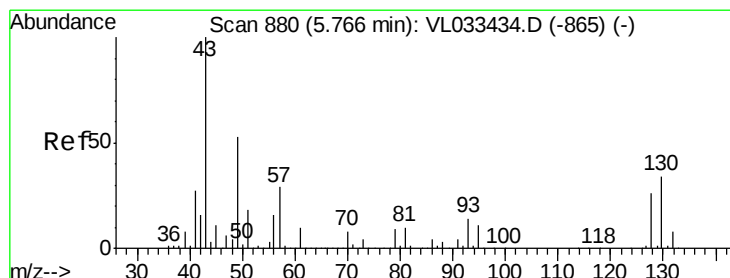
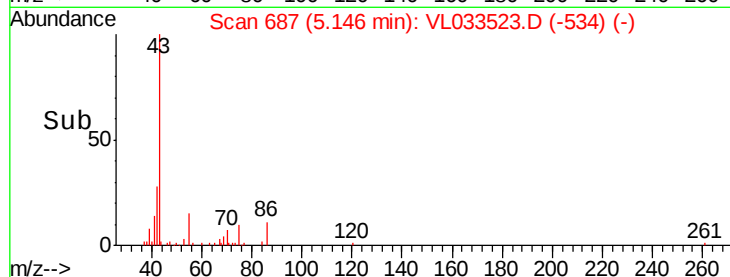
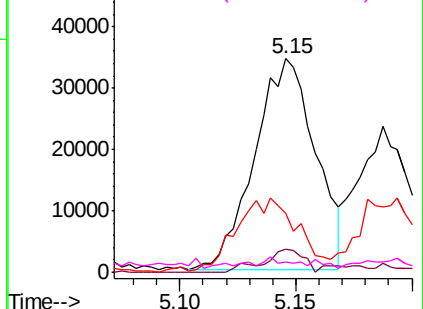


Abundance Ion 43.10 (42.80 to 43.80): VL0

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: 2.025 ppbv

RT: 5.78 min Scan# 883

Delta R.T. 0.01 min

Lab File: VL033523.D

Acq: 30 Mar 2019 4:56

Tgt Ion: 43 Resp: 351534

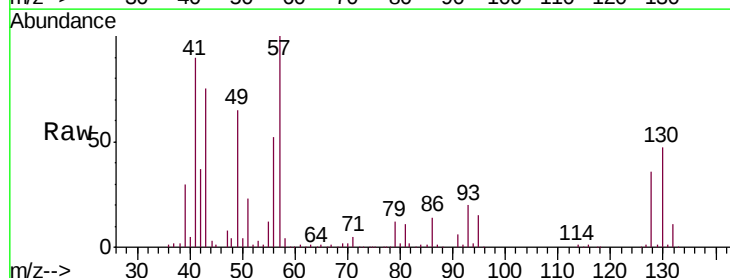
Ion Ratio Lower Upper

43 100

45 3.2 7.8 11.6#

61 1.7 7.3 10.9#

70 2.3 5.6 8.4#

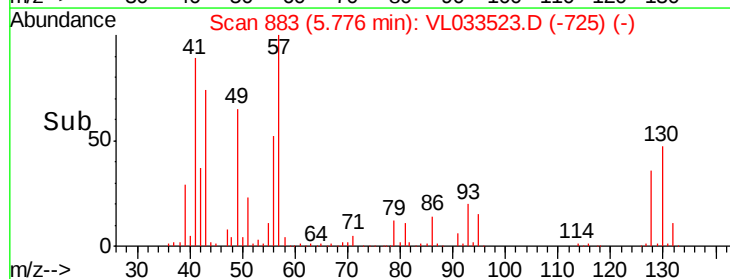
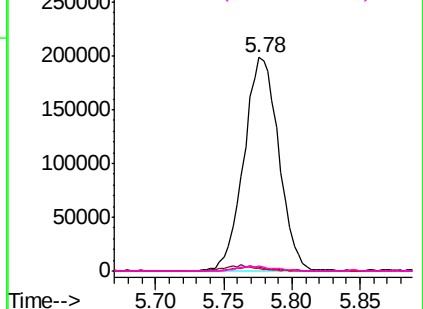


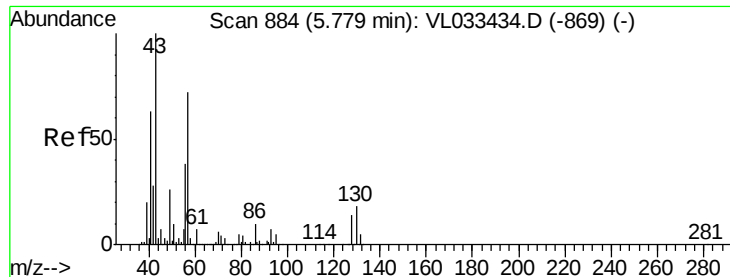
Abundance Ion 43.10 (42.80 to 43.80): VL0

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

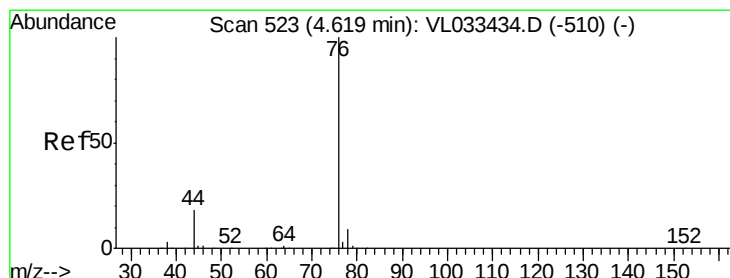
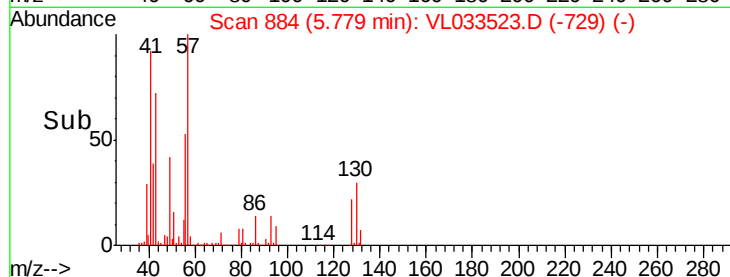
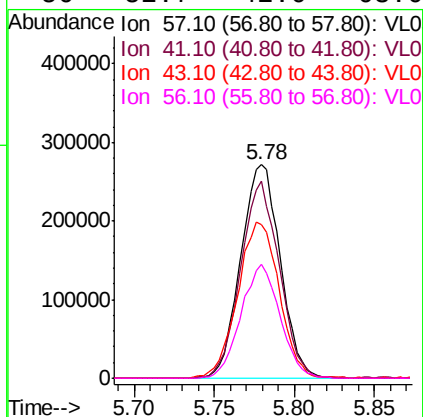
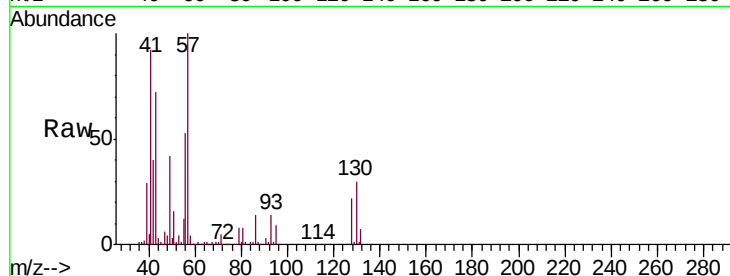




#26
Hexane
Concen: 5.934 ppbv
RT: 5.78 min Scan# 884
Delta R.T. -0.00 min
Lab File: VL033523.D
Acq: 30 Mar 2019 4:56

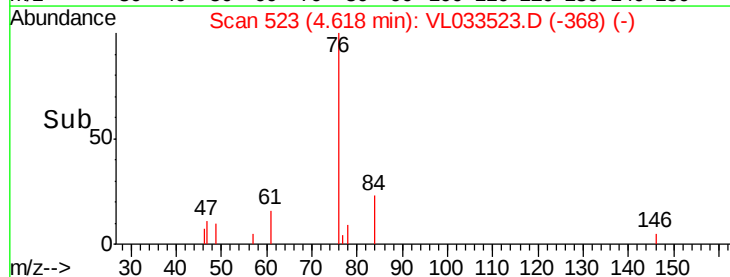
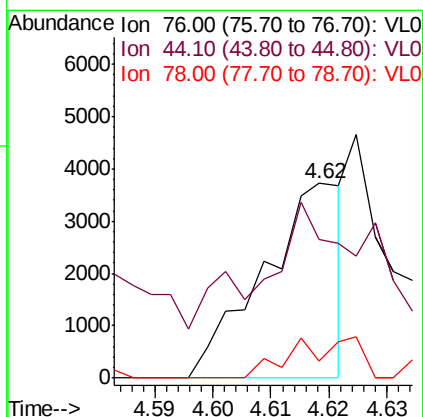
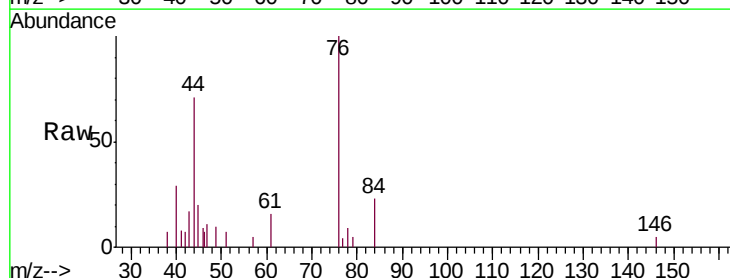
Instrument :
MSVOA_L
ClientSampleId :
SG-9-PRE-K-TEACHERS-ROOM

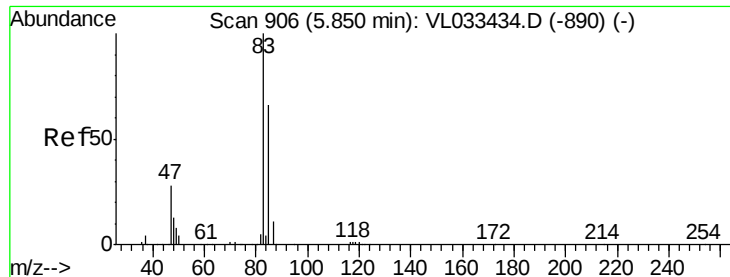
Tgt Ion: 57 Resp: 458108
Ion Ratio Lower Upper
57 100
41 90.3 70.7 106.1
43 77.2 182.6 274.0#
56 52.7 42.0 63.0



#27
Carbon Disulfide
Concen: 0.039 ppbv
RT: 4.62 min Scan# 523
Delta R.T. -0.00 min
Lab File: VL033523.D
Acq: 30 Mar 2019 4:56

Tgt Ion: 76 Resp: 3554
Ion Ratio Lower Upper
76 100
44 72.2 14.8 22.2#
78 0.0 7.6 11.4#

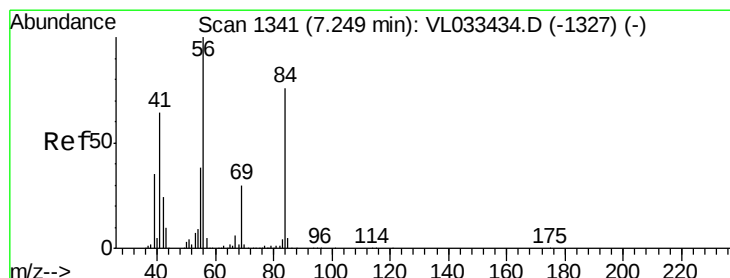
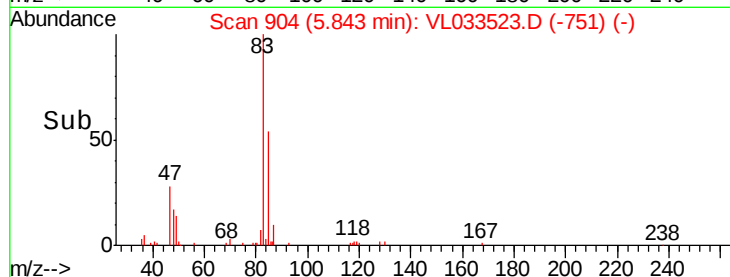
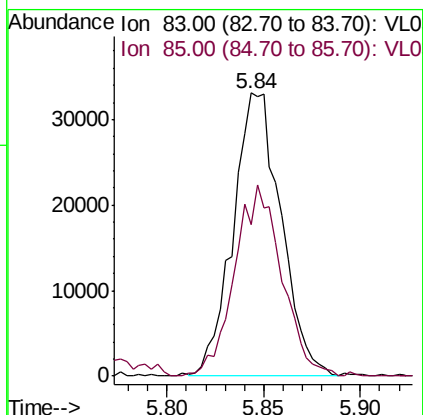
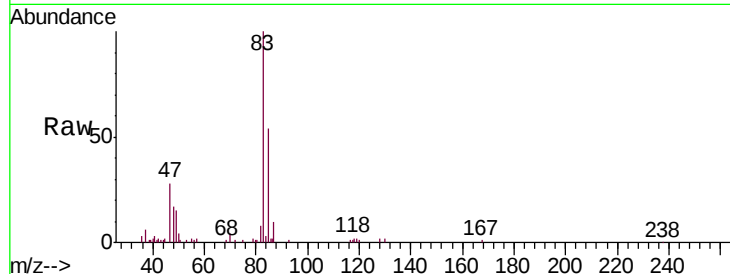




#29
Chloroform
Concen: 0.433 ppbv
RT: 5.84 min Scan# 904
Delta R.T. -0.01 min
Lab File: VL033523.D
Acq: 30 Mar 2019 4:56

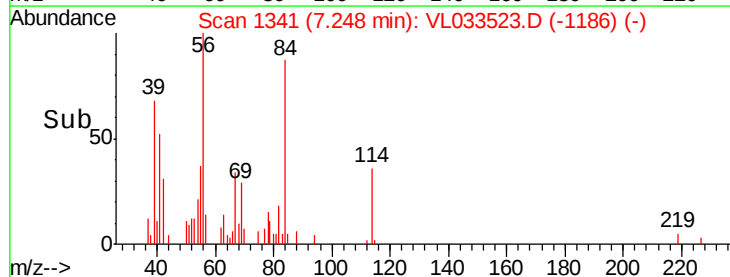
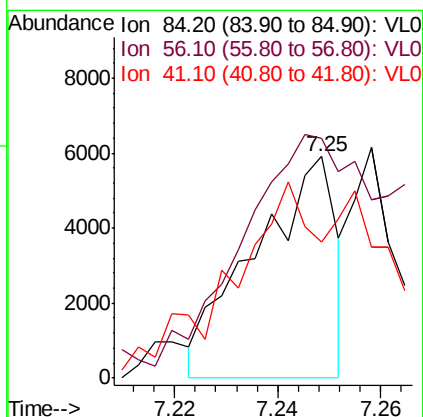
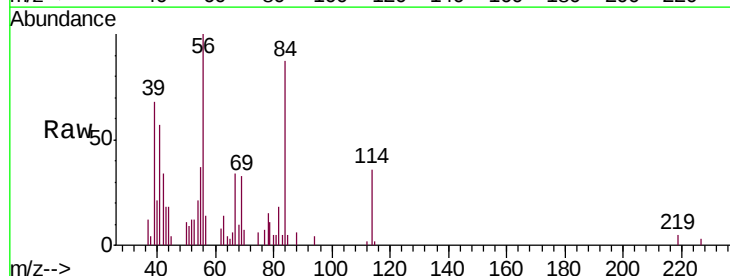
Instrument :
MSVOA_L
ClientSampleId :
SG-9-PRE-K-TEACHERS-ROOM

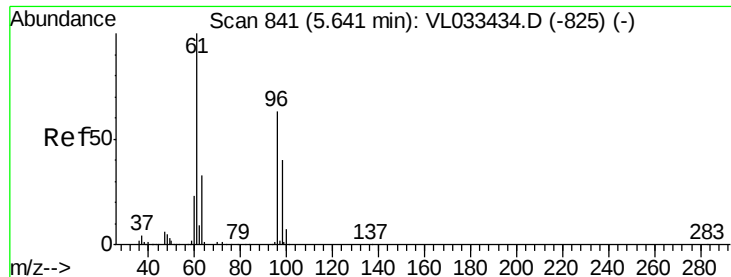
Tgt Ion: 83 Resp: 57266
Ion Ratio Lower Upper
83 100
85 55.4 52.6 79.0



#30
Cyclohexane
Concen: 0.106 ppbv
RT: 7.25 min Scan# 1341
Delta R.T. -0.00 min
Lab File: VL033523.D
Acq: 30 Mar 2019 4:56

Tgt Ion: 84 Resp: 6467
Ion Ratio Lower Upper
84 100
56 0.0 109.7 164.5#
41 193.7 68.2 102.2#



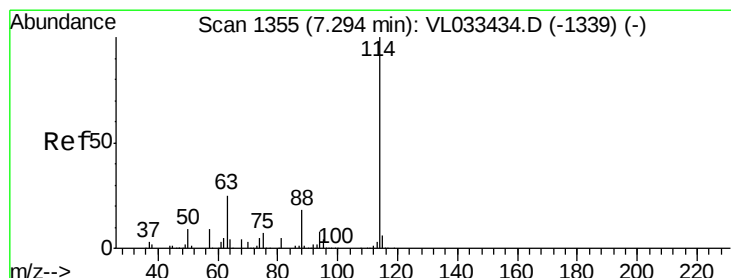
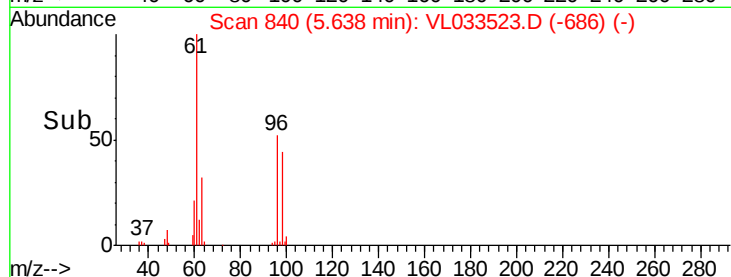
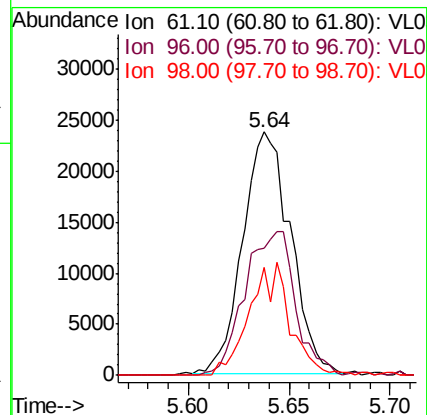
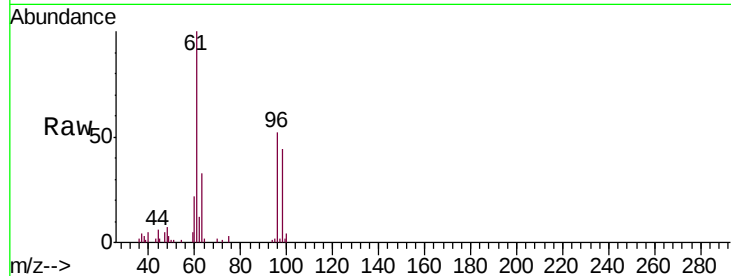


#31

cis-1,2-Dichloroethene
 Concen: 0.510 ppbv
 RT: 5.64 min Scan# 840
 Delta R.T. -0.00 min
 Lab File: VL033523.D
 Acq: 30 Mar 2019 4:56

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-9-PRE-K-TEACHERS-ROOM

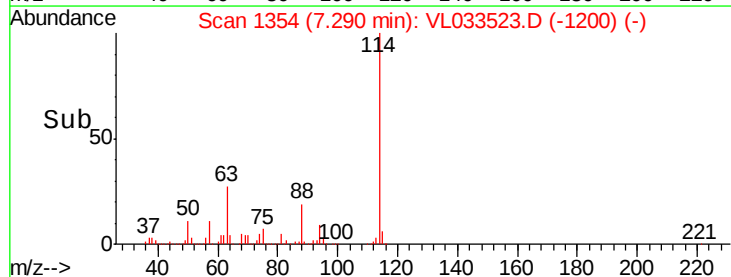
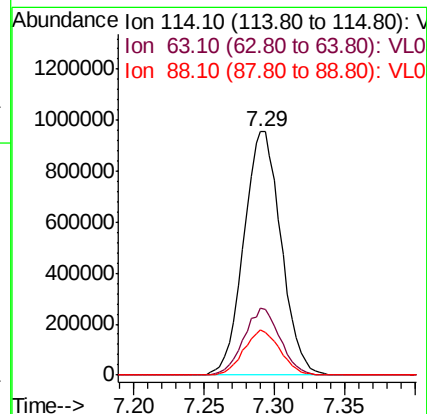
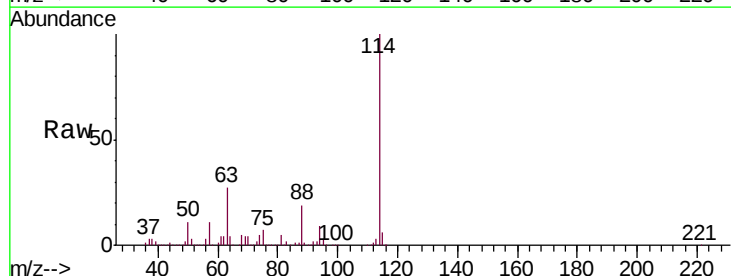
Tgt Ion: 61 Resp: 39178
 Ion Ratio Lower Upper
 61 100
 96 52.7 50.6 76.0
 98 44.6 32.2 48.2

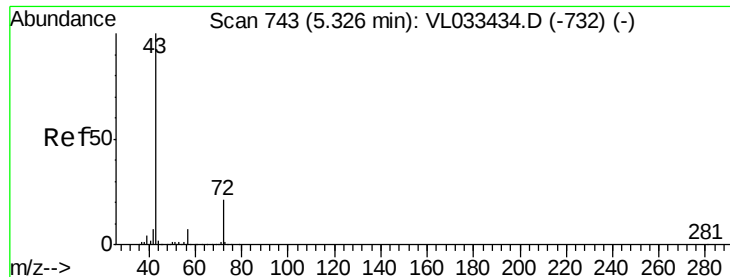


#33

1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.29 min Scan# 1354
 Delta R.T. -0.00 min
 Lab File: VL033523.D
 Acq: 30 Mar 2019 4:56

Tgt Ion: 114 Resp: 1772250
 Ion Ratio Lower Upper
 114 100
 63 26.7 21.5 32.3
 88 18.1 14.5 21.7

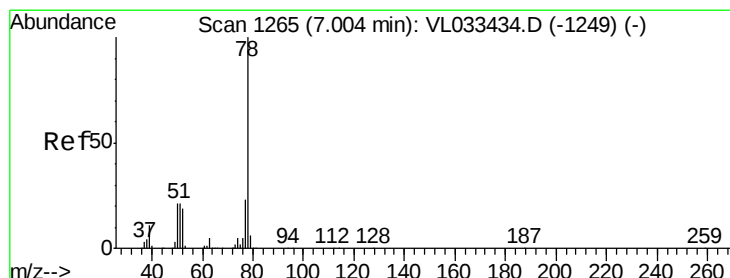
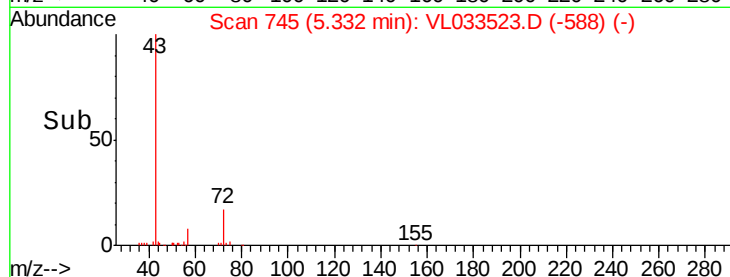
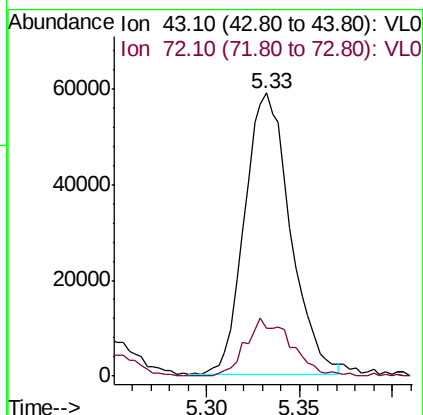
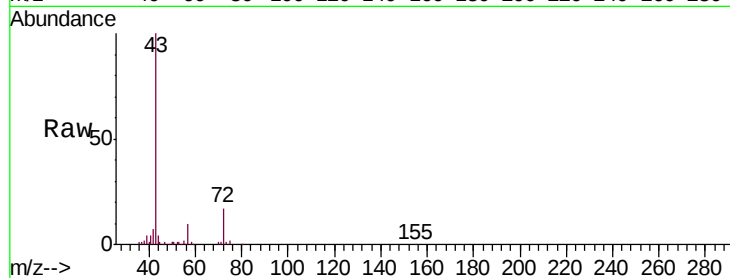




#34
2-Butanone
Concen: 0.949 ppbv
RT: 5.33 min Scan# 745
Delta R.T. 0.01 min
Lab File: VL033523.D
Acq: 30 Mar 2019 4:56

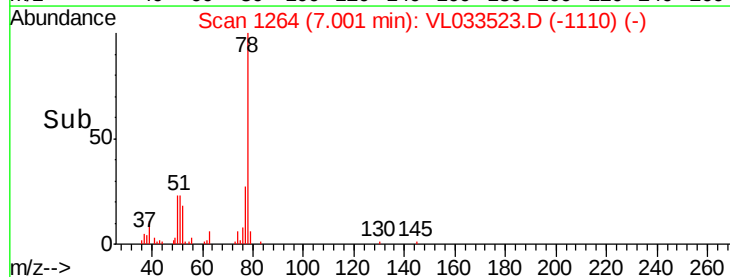
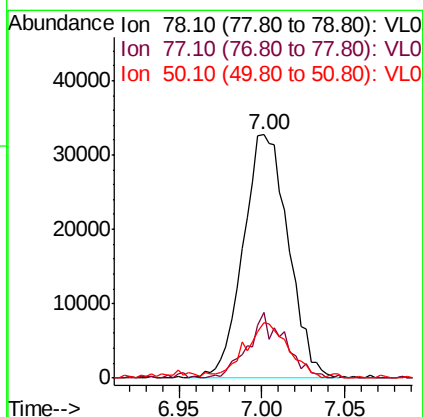
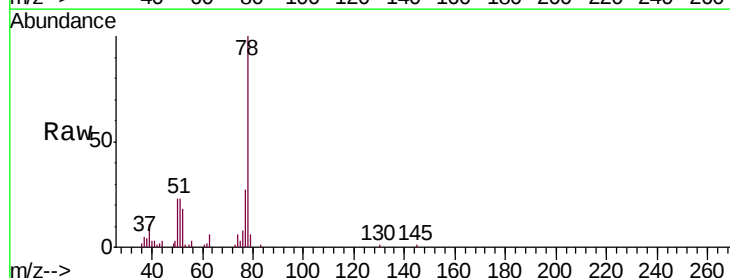
Instrument :
MSVOA_L
ClientSampleId :
SG-9-PRE-K-TEACHERS-ROOM

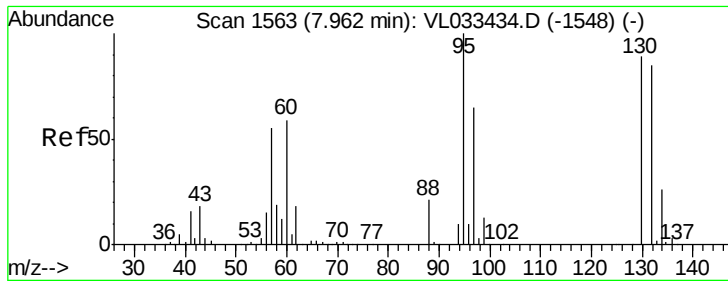
Tgt Ion: 43 Resp: 101039
Ion Ratio Lower Upper
43 100
72 20.8 17.4 26.2



#36
Benzene
Concen: 0.416 ppbv
RT: 7.00 min Scan# 1264
Delta R.T. -0.00 min
Lab File: VL033523.D
Acq: 30 Mar 2019 4:56

Tgt Ion: 78 Resp: 61817
Ion Ratio Lower Upper
78 100
77 26.8 18.1 27.1
50 21.0 16.7 25.1

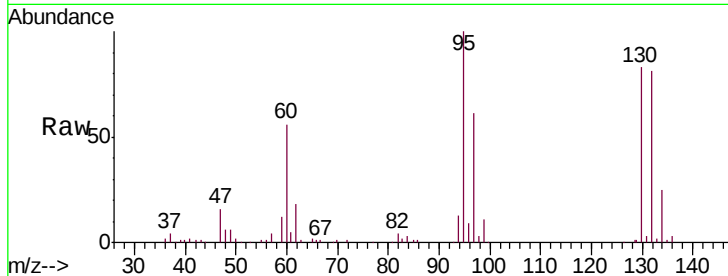




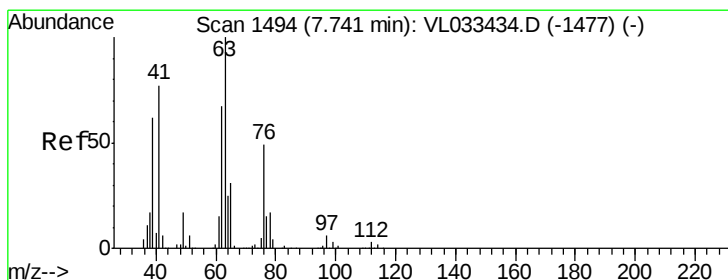
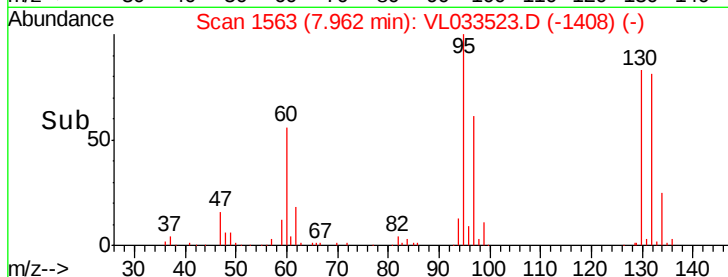
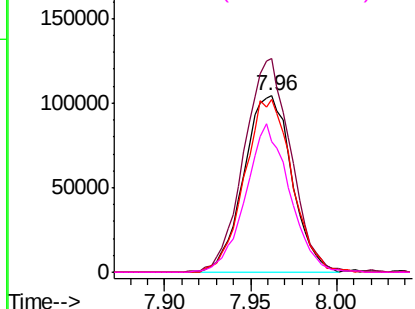
#38
 Trichloroethene
 Concen: 3.616 ppbv
 RT: 7.96 min Scan# 1563
 Delta R.T. -0.00 min
 Lab File: VL033523.D
 Acq: 30 Mar 2019 4:56

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-9-PRE-K-TEACHERS-ROOM

Tgt Ion:	130	Resp:	202350
Ion	Ratio	Lower	Upper
130	100		
95	120.4	89.8	134.8
132	97.2	76.6	115.0
97	73.4	58.6	88.0

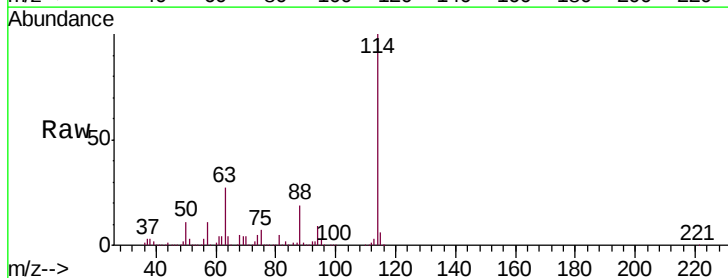


Abundance Ion 130.00 (129.70 to 130.70): V
 Ion 95.00 (94.70 to 95.70): VL0
 Ion 132.00 (131.70 to 132.70): V
 Ion 97.00 (96.70 to 97.70): VL0

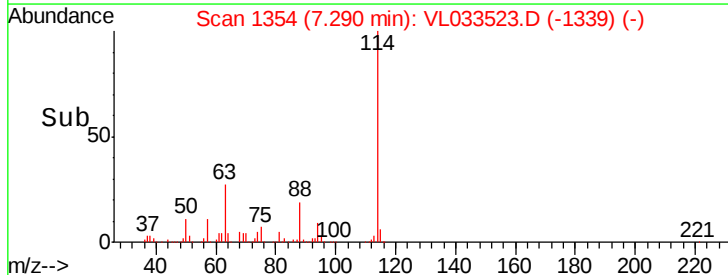
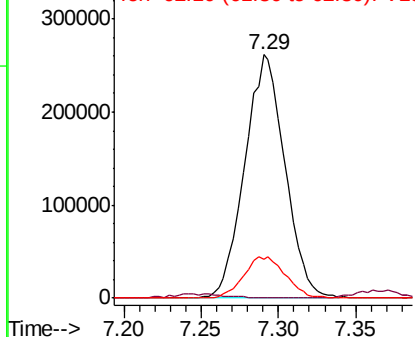


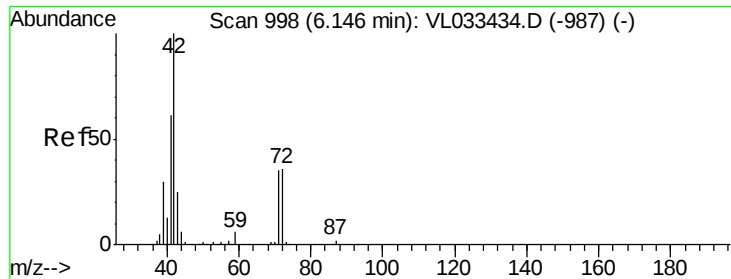
#39
 1,2-Dichloropropane
 Concen: 8.086 ppbv
 RT: 7.29 min Scan# 1354
 Delta R.T. -0.45 min
 Lab File: VL033523.D
 Acq: 30 Mar 2019 4:56

Tgt Ion:	63	Resp:	471013
Ion	Ratio	Lower	Upper
63	100		
41	0.0	61.2	91.8#
62	15.9	54.0	81.0#



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





#41

Tetrahydrofuran

Concen: 0.042 ppbv

RT: 6.42 min Scan# 1084

Delta R.T. 0.28 min

Lab File: VL033523.D

Acq: 30 Mar 2019 4:56

Instrument :

MSVOA_L

ClientSampleId :

SG-9-PRE-K-TEACHERS-ROOM

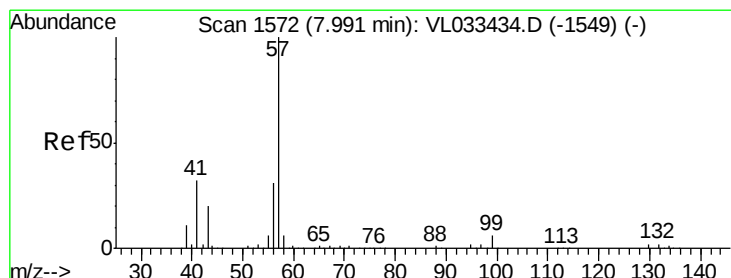
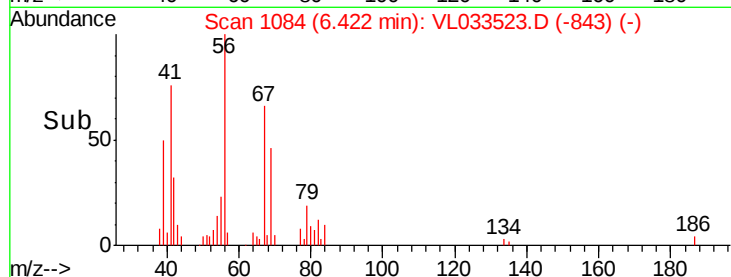
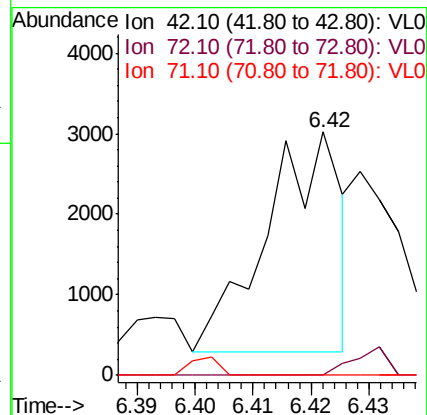
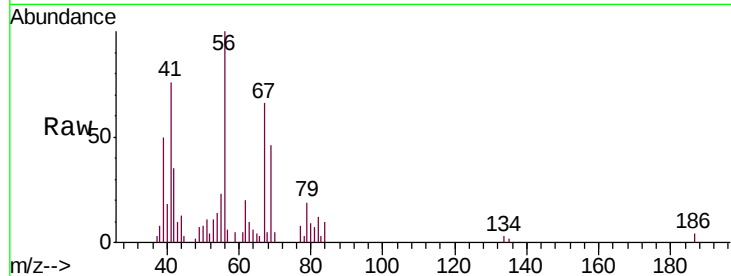
Tgt Ion: 42 Resp: 2440

Ion Ratio Lower Upper

42 100

72 5.7 30.2 45.2#

71 0.0 29.4 44.2#



#44

2,2,4-Trimethylpentane

Concen: 0.073 ppbv

RT: 7.99 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VL033523.D

Acq: 30 Mar 2019 4:56

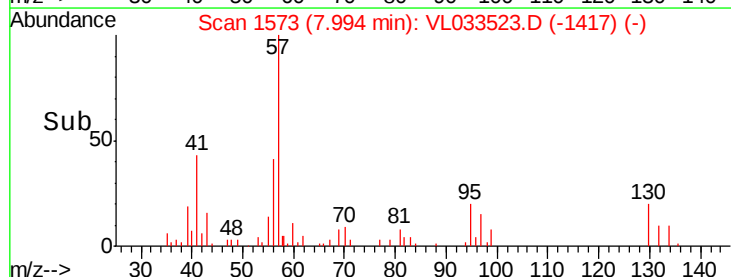
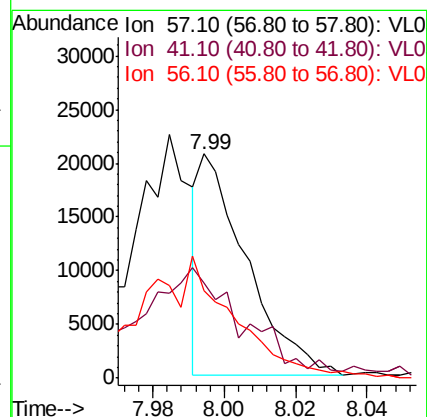
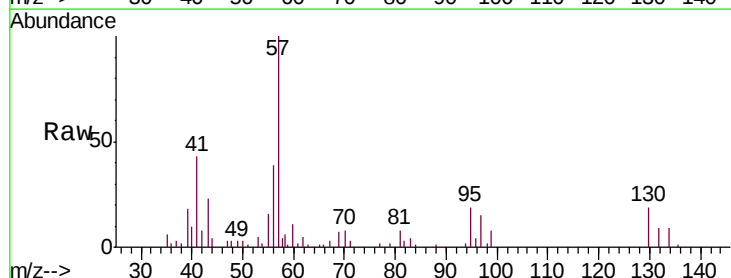
Tgt Ion: 57 Resp: 18848

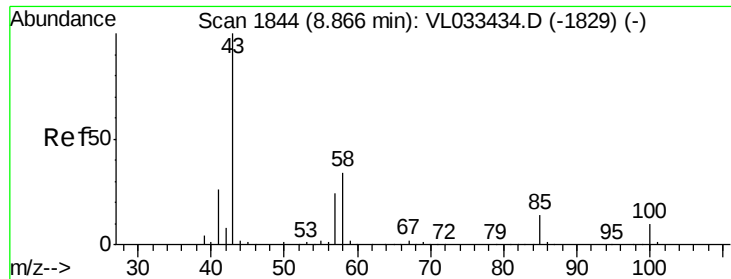
Ion Ratio Lower Upper

57 100

41 112.4 26.0 39.0#

56 110.7 24.6 37.0#

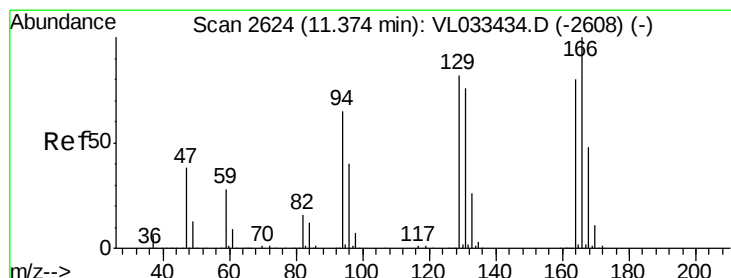
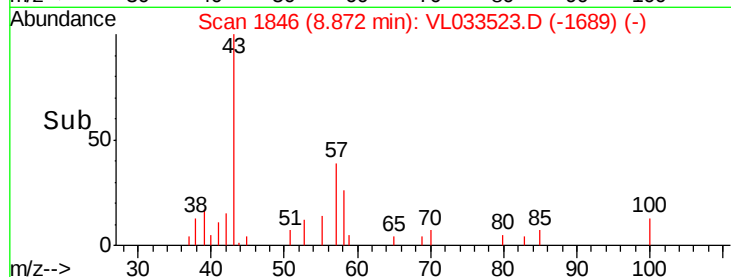
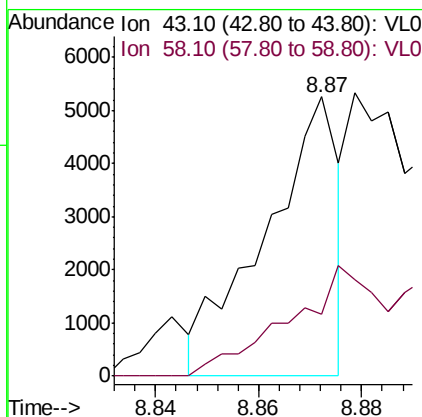
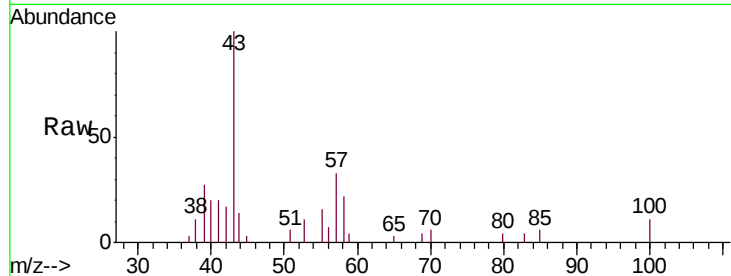




#50
4-Methyl-2-Pentanone
Concen: 0.033 ppbv
RT: 8.87 min Scan# 1846
Delta R.T. 0.01 min
Lab File: VL033523.D
Acq: 30 Mar 2019 4:56

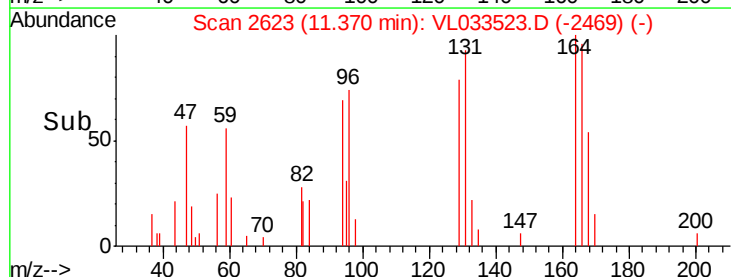
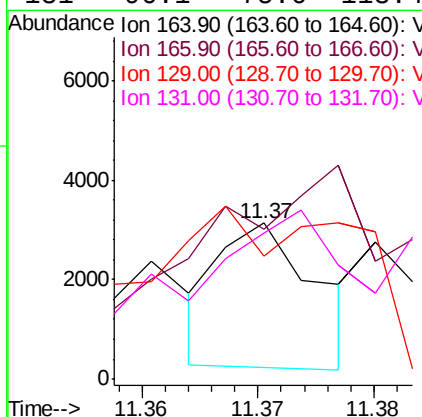
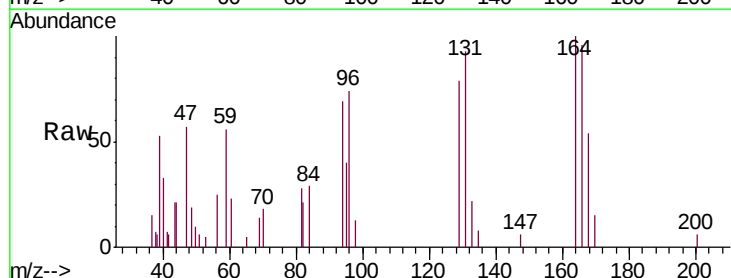
Instrument :
MSVOA_L
ClientSampleId :
SG-9-PRE-K-TEACHERS-ROOM

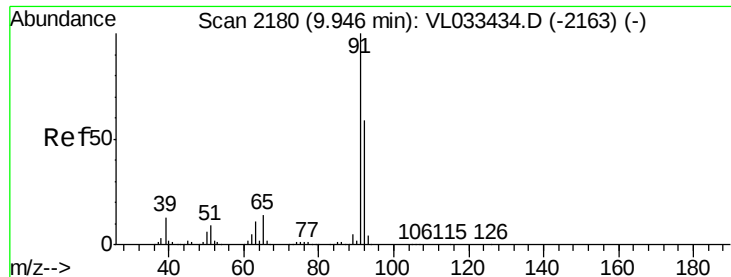
Tgt Ion: 43 Resp: 5186
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#



#52
Tetrachloroethene
Concen: 0.030 ppbv
RT: 11.37 min Scan# 2623
Delta R.T. -0.00 min
Lab File: VL033523.D
Acq: 30 Mar 2019 4:56

Tgt Ion: 164 Resp: 1689
Ion Ratio Lower Upper
164 100
166 41.6 99.5 149.3#
129 0.0 81.4 122.2#
131 96.1 75.6 113.4





#53

Toluene

Concen: 9.916 ppbv

RT: 9.95 min Scan# 2180

Delta R.T. -0.00 min

Lab File: VL033523.D

Acq: 30 Mar 2019 4:56

Instrument :

MSVOA_L

ClientSampleId :

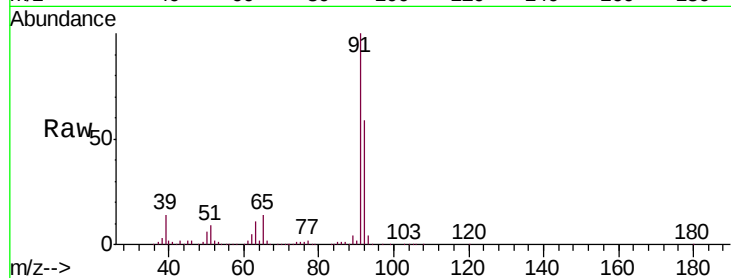
SG-9-PRE-K-TEACHERS-ROOM

Tgt Ion: 91 Resp: 1713521

Ion Ratio Lower Upper

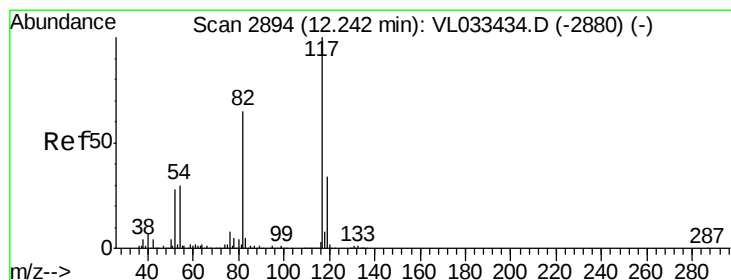
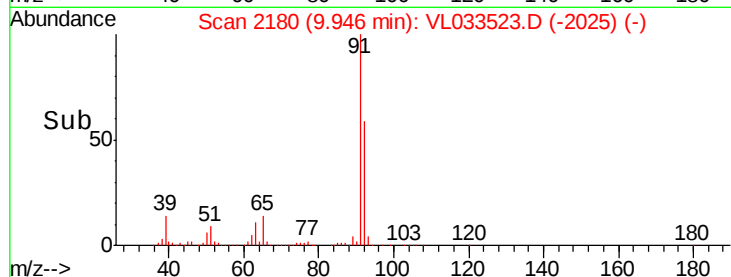
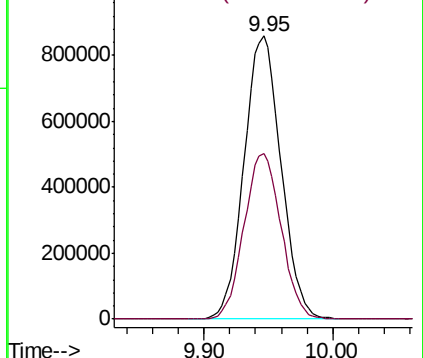
91 100

92 58.9 47.4 71.0



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 92.10 (91.80 to 92.80): VL0



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.24 min Scan# 2893

Delta R.T. -0.00 min

Lab File: VL033523.D

Acq: 30 Mar 2019 4:56

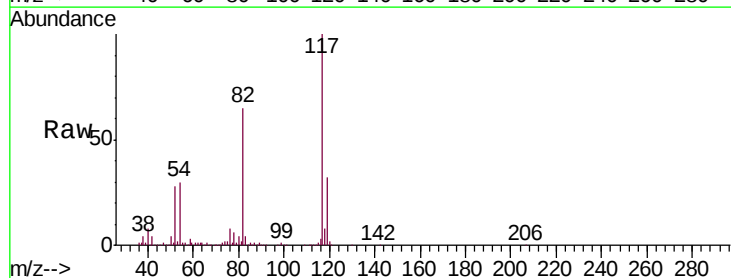
Tgt Ion: 117 Resp: 1914751

Ion Ratio Lower Upper

117 100

82 65.7 51.5 77.3

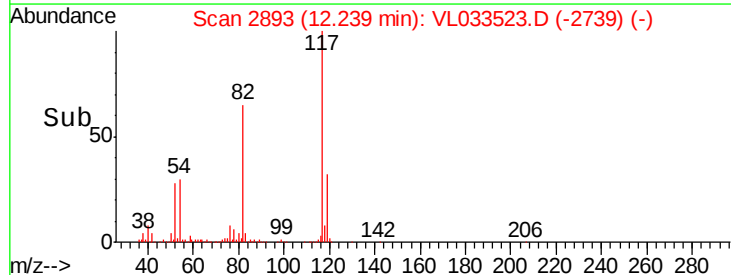
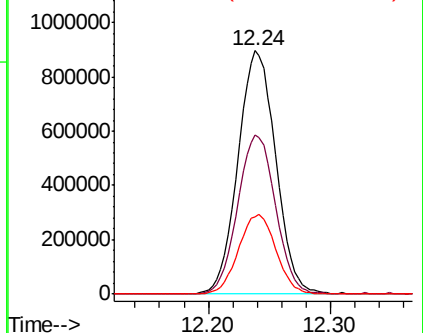
119 32.6 25.5 38.3

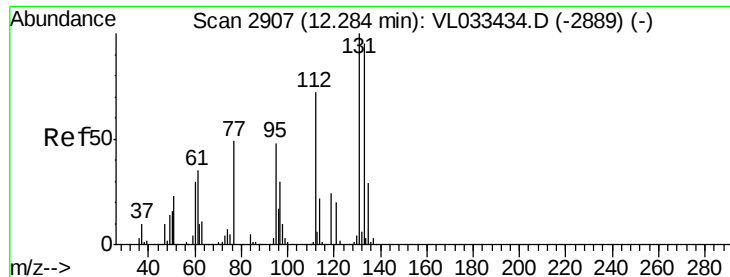


Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V

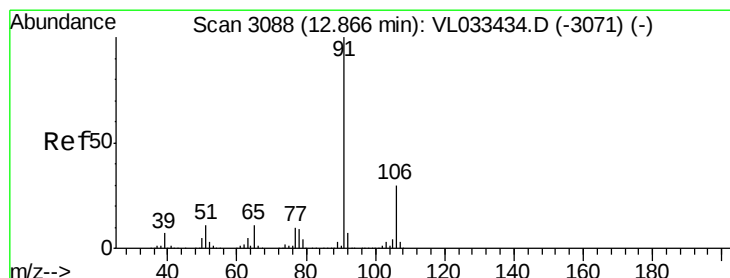
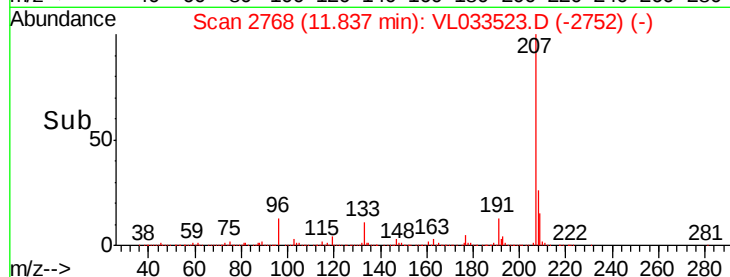
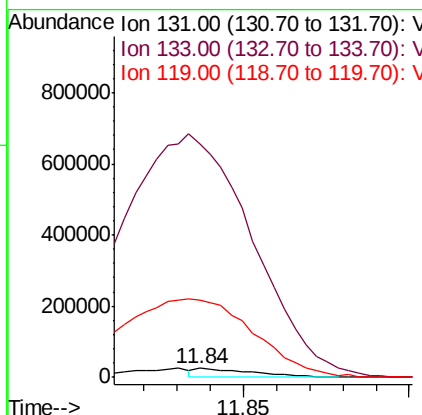
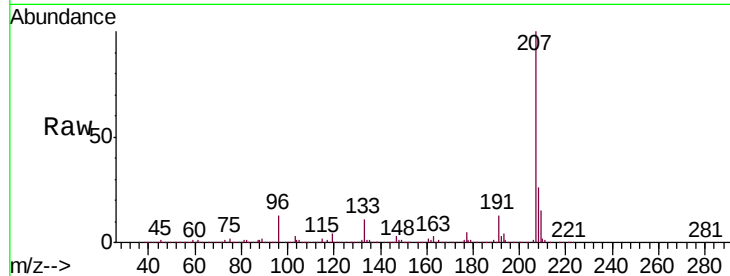




#56
 1,1,1,2-Tetrachloroethane
 Concen: 0.337 ppbv
 RT: 11.84 min Scan# 2768
 Delta R.T. -0.45 min
 Lab File: VL033523.D
 Acq: 30 Mar 2019 4:56

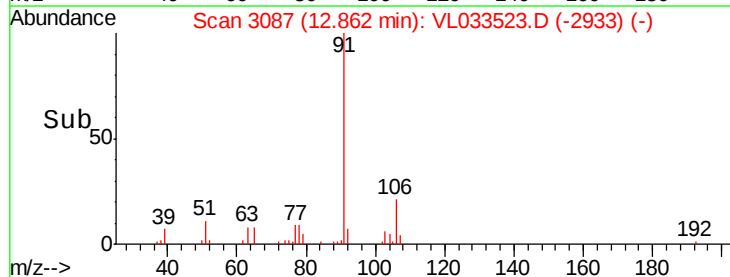
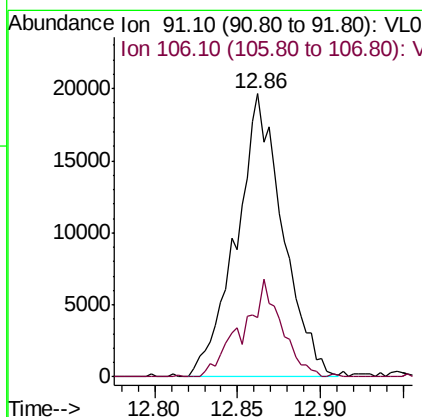
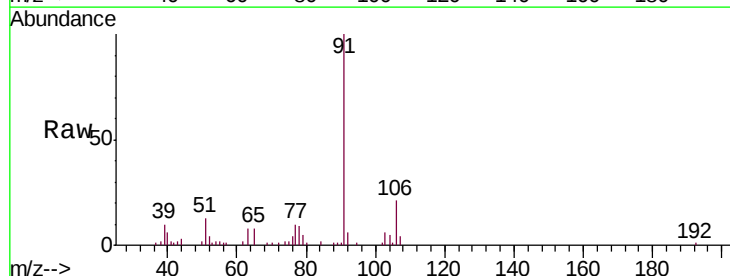
Instrument :
 MSVOA_L
 ClientSampleId :
 SG-9-PRE-K-TEACHERS-ROOM

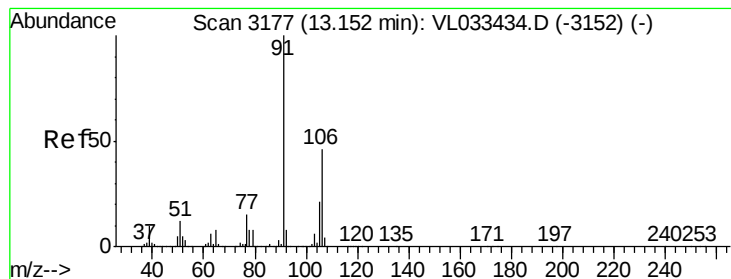
Tgt Ion: 131 Resp: 29566
 Ion Ratio Lower Upper
 131 100
 133 6204.3 76.2 114.4#
 119 2043.1 45.0 67.6#



#58
 Ethyl Benzene
 Concen: 0.150 ppbv
 RT: 12.86 min Scan# 3087
 Delta R.T. -0.00 min
 Lab File: VL033523.D
 Acq: 30 Mar 2019 4:56

Tgt Ion: 91 Resp: 38280
 Ion Ratio Lower Upper
 91 100
 106 21.0 23.8 35.6#





#59

m/p-Xylene

Concen: 0.103 ppbv

RT: 13.15 min Scan# 3177

Delta R.T. -0.00 min

Lab File: VL033523.D

Acq: 30 Mar 2019 4:56

Instrument :

MSVOA_L

ClientSampleId :

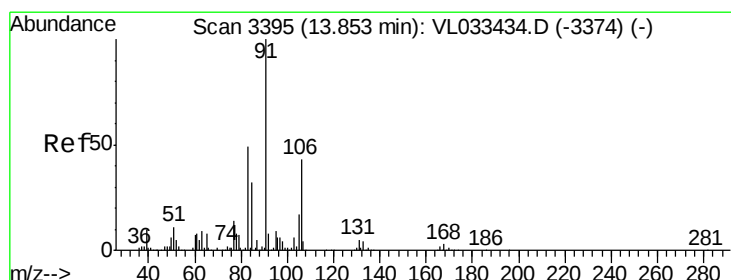
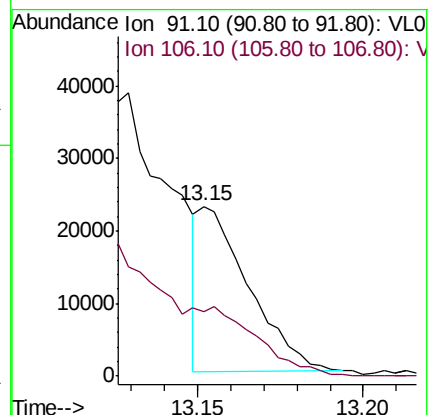
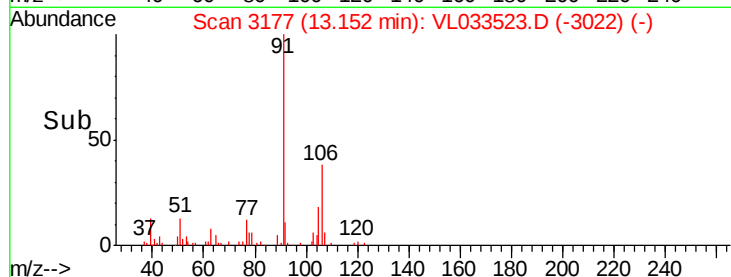
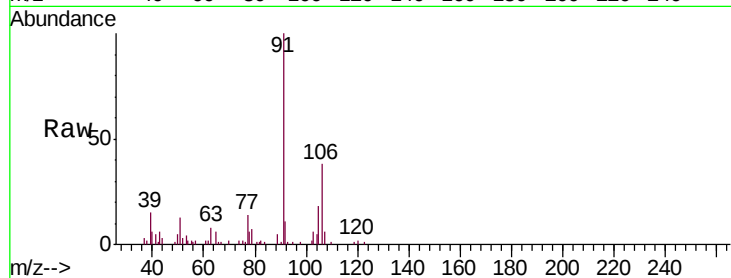
SG-9-PRE-K-TEACHERS-ROOM

Tgt Ion: 91 Resp: 23442

Ion Ratio Lower Upper

91 100

106 0.0 0.0 0.0



#60

o-Xylene

Concen: 0.153 ppbv

RT: 13.85 min Scan# 3394

Delta R.T. -0.00 min

Lab File: VL033523.D

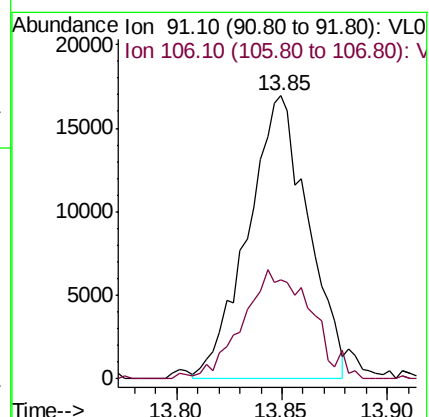
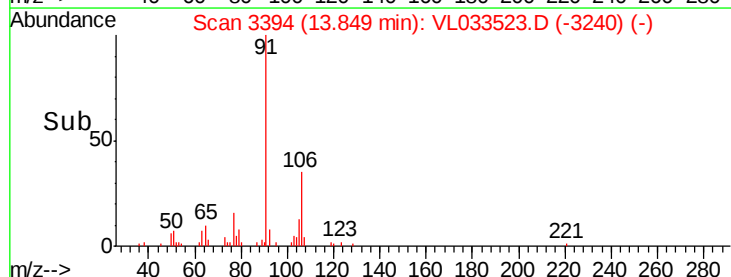
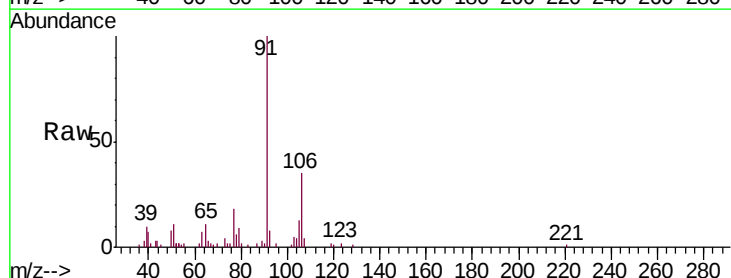
Acq: 30 Mar 2019 4:56

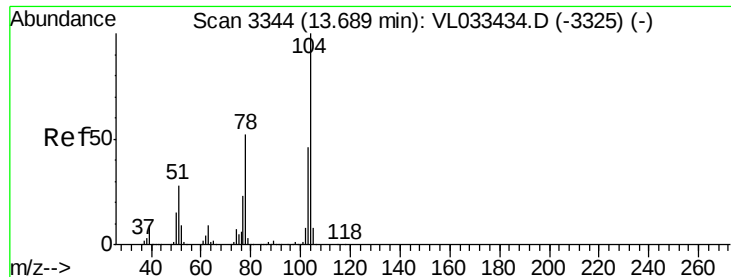
Tgt Ion: 91 Resp: 33709

Ion Ratio Lower Upper

91 100

106 43.4 21.4 64.3

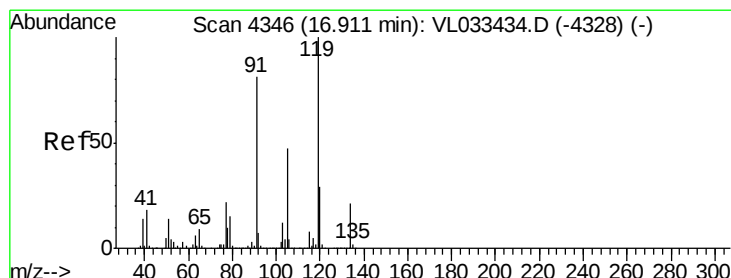
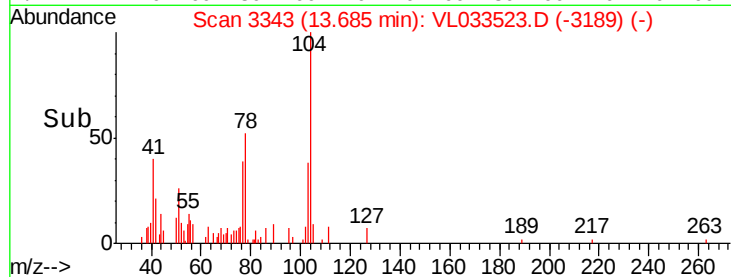
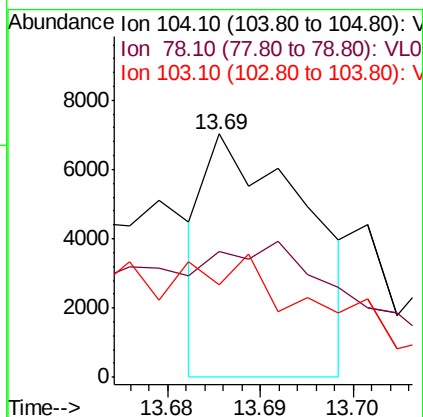
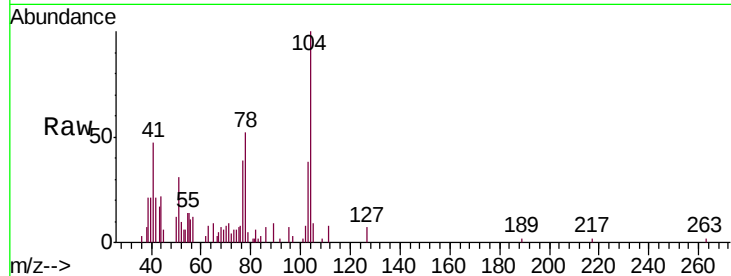




#61
Styrene
Concen: 0.035 ppbv
RT: 13.69 min Scan# 3343
Delta R.T. -0.00 min
Lab File: VL033523.D
Acq: 30 Mar 2019 4:56

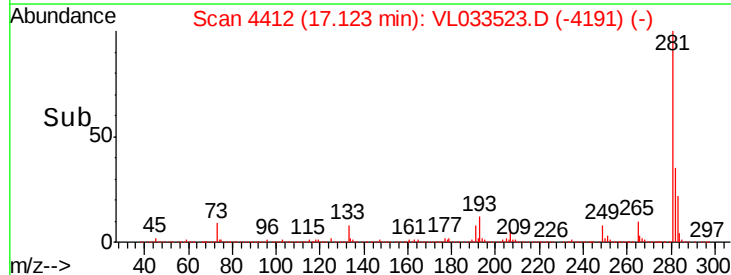
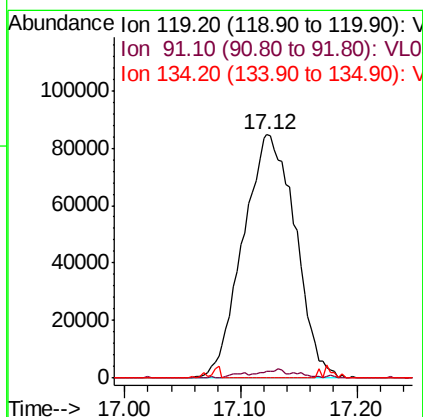
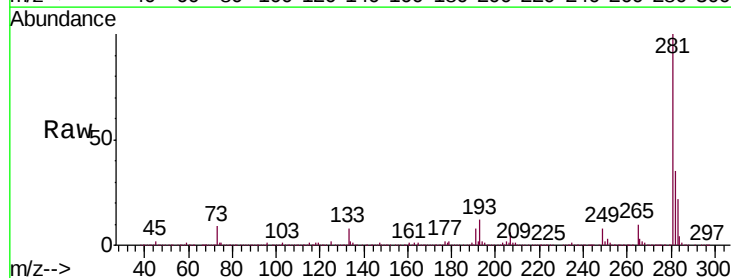
Instrument :
MSVOA_L
ClientSampleId :
SG-9-PRE-K-TEACHERS-ROOM

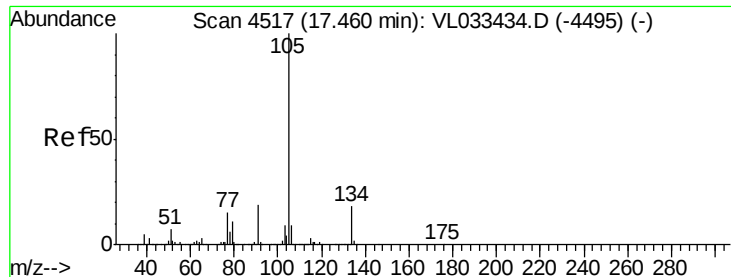
Tgt Ion:104 Resp: 5301
Ion Ratio Lower Upper
104 100
78 170.3 43.2 64.8#
103 130.6 37.8 56.8#



#65
tert-Butylbenzene
Concen: 0.958 ppbv
RT: 17.12 min Scan# 4412
Delta R.T. 0.21 min
Lab File: VL033523.D
Acq: 30 Mar 2019 4:56

Tgt Ion:119 Resp: 263991
Ion Ratio Lower Upper
119 100
91 3.4 66.4 99.6#
134 1.0 15.5 23.3#

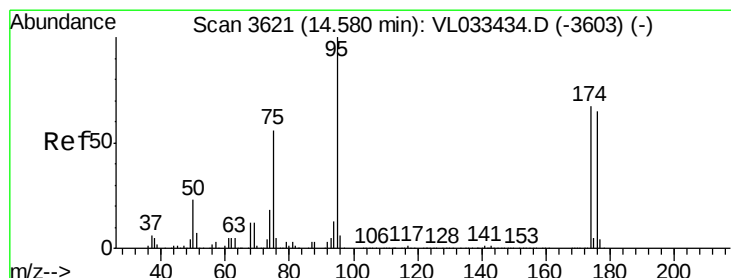
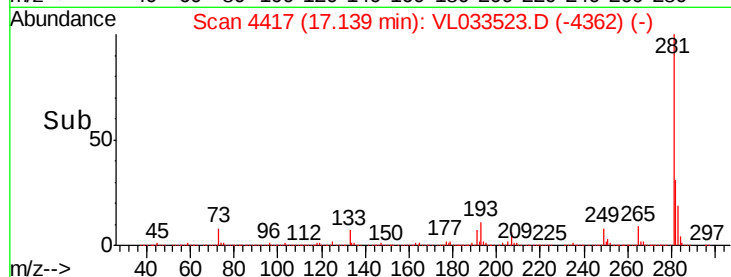
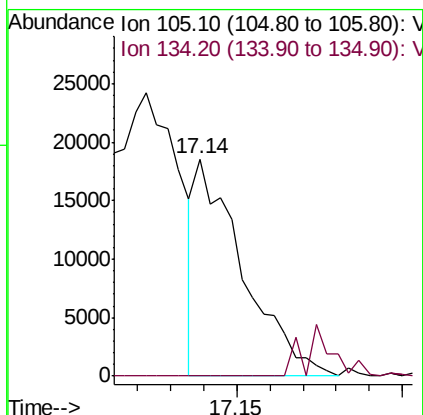
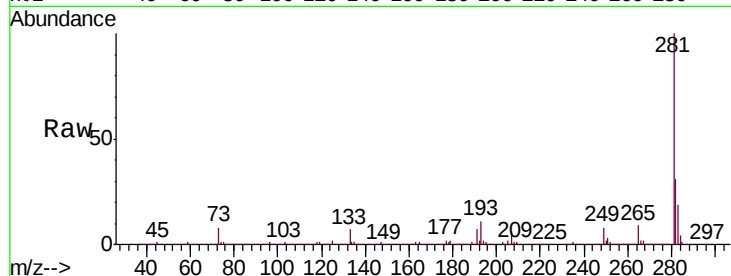




#67
 sec-Butylbenzene
 Concen: 0.047 ppbv
 RT: 17.14 min Scan# 4417
 Delta R.T. -0.32 min
 Lab File: VL033523.D
 Acq: 30 Mar 2019 4:56

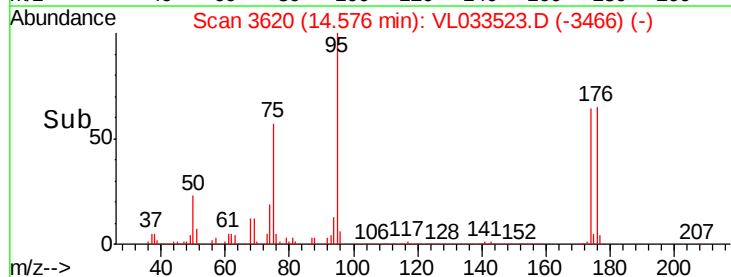
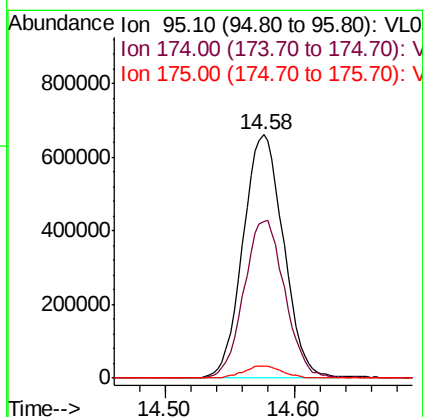
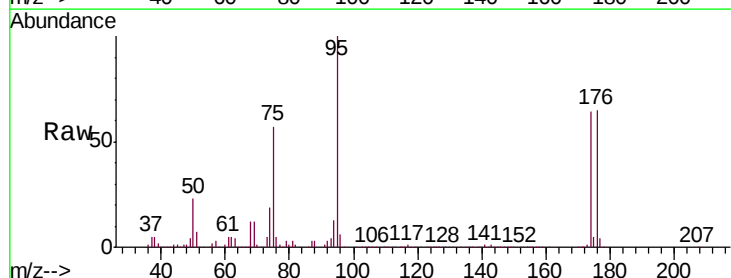
Instrument :
 MSVOA_L
 ClientSampleId :
 SG-9-PRE-K-TEACHERS-ROOM

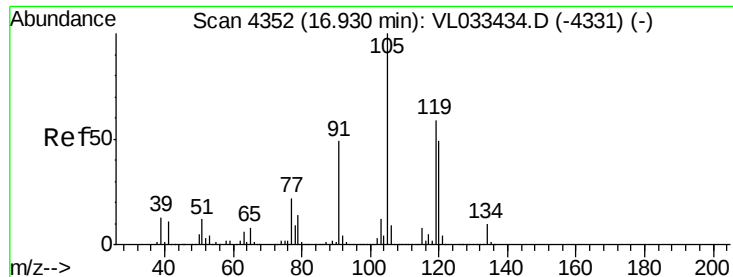
Tgt Ion: 105 Resp: 18463
 Ion Ratio Lower Upper
 105 100
 134 14.7 14.6 21.8



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.637 ppbv
 RT: 14.58 min Scan# 3620
 Delta R.T. -0.00 min
 Lab File: VL033523.D
 Acq: 30 Mar 2019 4:56

Tgt Ion: 95 Resp: 1446599
 Ion Ratio Lower Upper
 95 100
 174 65.5 52.9 79.3
 175 4.9 3.8 5.6

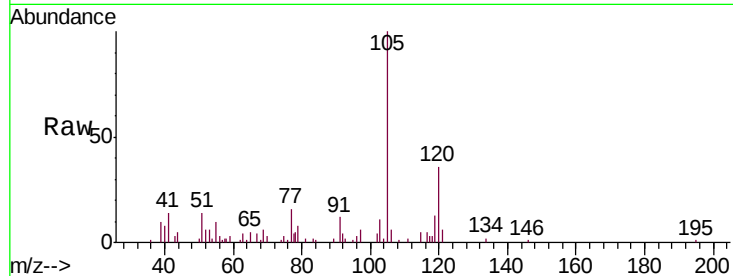




#74
 1,2,4-Trimethylbenzene
 Concen: 0.071 ppbv
 RT: 16.93 min Scan# 4351
 Delta R.T. -0.00 min
 Lab File: VL033523.D
 Acq: 30 Mar 2019 4:56

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-9-PRE-K-TEACHERS-ROOM

Tgt Ion:	105	Resp:	18042
Ion	Ratio	Lower	Upper
105	100		
120	43.9	39.0	58.6
91	7.6	40.0	60.0#
77	17.7	17.5	26.3



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

