

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL022820\
 Data File : VL034747.D
 Acq On : 28 Feb 2020 21:48
 Operator : SY/AP
 Sample : L1661-07
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-7-TEACHER-WORKROOM

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Quant Time: Mar 02 12:18:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL022620AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Feb 28 2020
 QLast Update : Fri Feb 28 01:15:02 2020
 Response via : Initial Calibration

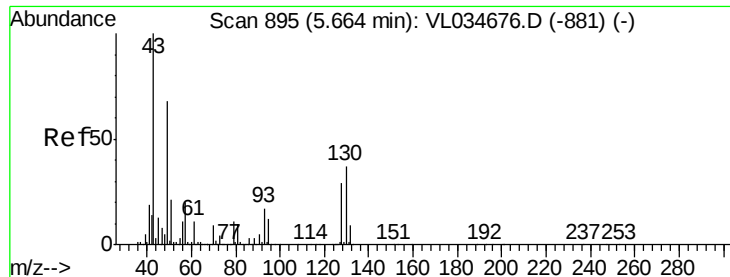
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1023749	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	2102788	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	2166381	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.45	95	1795582	10.11	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.10%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.02	85	26671m	0.165	ppbv	
7) Chloroethane	3.53	64	7561	0.336	ppbv #	78
9) Propene	2.98	41	43347m	0.939	ppbv	
10) Heptane	8.14	43	39582m	0.333	ppbv	
11) Trichlorofluoromethane	3.93	101	63440	0.448	ppbv	97
13) Ethanol	3.59	45	2386793	163.598	ppbv	98
15) Acetone	3.82	43	2256953	19.347	ppbv	99
17) tert-Butyl alcohol	4.29	59	504054	5.639	ppbv	99
19) Isopropyl Alcohol	3.96	45	4242610	61.057	ppbv #	98
20) Methylene Chloride	4.32	84	26091	0.601	ppbv #	85
22) trans-1,2-Dichloroethene	4.87	96	8171	0.187	ppbv #	73
26) Hexane	5.69	57	49904	0.524	ppbv #	89
27) Carbon Disulfide	4.53	76	24996	0.231	ppbv #	70
29) Chloroform	5.75	83	125849	0.830	ppbv	93
30) Cyclohexane	7.14	84	16437m	0.223	ppbv	
31) cis-1,2-Dichloroethene	5.55	61	148858	1.589	ppbv	95
32) 1,1,1-Trichloroethane	6.52	97	16340m	0.115	ppbv	
34) 2-Butanone	5.24	43	386775	2.922	ppbv	97
35) Carbon Tetrachloride	7.02	117	13312m	0.095	ppbv	
36) Benzene	6.90	78	59949	0.330	ppbv #	93
38) Trichloroethene	7.85	130	961391	13.733	ppbv	99
41) Tetrahydrofuran	6.06	42	200408	2.869	ppbv	99
44) 2,2,4-Trimethylpentane	7.88	57	154821	0.488	ppbv #	78
50) 4-Methyl-2-Pentanone	8.76	43	132169m	0.705	ppbv	
52) Tetrachloroethene	11.25	164	15433m	0.232	ppbv	
53) Toluene	9.83	91	781427	4.045	ppbv	99
58) Ethyl Benzene	12.74	91	212400	0.810	ppbv	92
59) m/p-Xylene	13.00	91	664765	2.908	ppbv	99
60) o-Xylene	13.72	91	269144	1.186	ppbv	98
61) Styrene	13.56	104	22552m	0.155	ppbv	
64) n-propylbenzene	15.60	120	18077m	0.212	ppbv	
69) p-Isopropyltoluene	17.70	119	516970	1.527	ppbv	94
72) 4-Ethyltoluene	15.88	105	92485	0.366	ppbv #	96
73) 1,3,5-Trimethylbenzene	16.05	105	87546m	0.360	ppbv	
74) 1,2,4-Trimethylbenzene	16.81	105	360330	1.343	ppbv #	66
79) Naphthalene	22.26	128	77686m	0.329	ppbv	

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 895

Delta R.T. 0.00 min

Lab File: VL034747.D

Acq: 28 Feb 2020 21:48

Instrument :

MSVOA_L

ClientSampleId :

SG-7-TEACHER-WORKROOM

Tot Ion: 49 Resp: 1023749

Ion Ratio Lower Upper

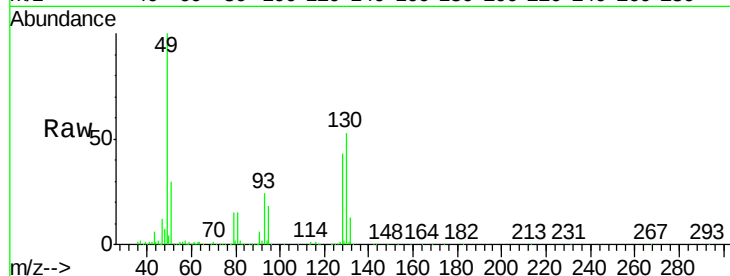
49 100

128 43.9 21.6 65.0

130 54.9 27.7 83.1

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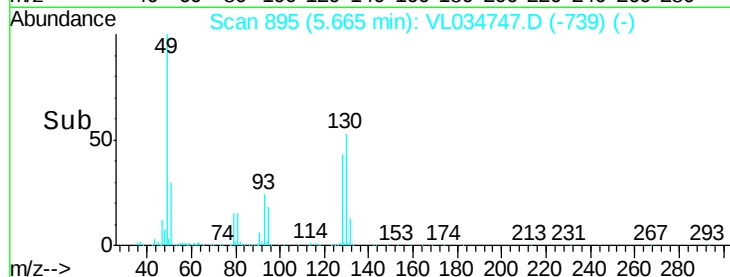


Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

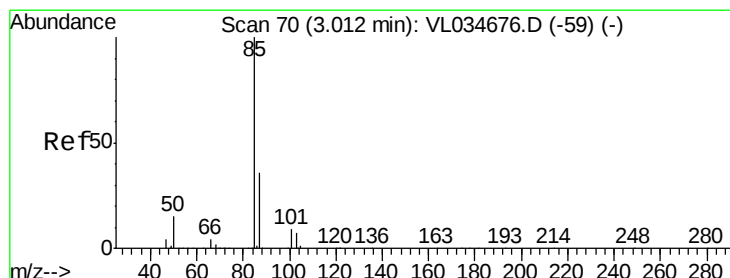
Ion 130.00 (129.70 to 130.70): V

Time-->



5.66

Time-->



#2

Dichlorodifluoromethane

Concen: 0.165 ppbv m

RT: 3.02 min Scan# 71

Delta R.T. 0.00 min

Lab File: VL034747.D

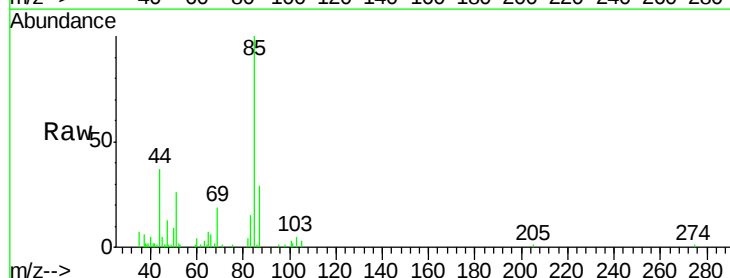
Acq: 28 Feb 2020 21:48

Tgt Ion: 85 Resp: 26671

Ion Ratio Lower Upper

85 100

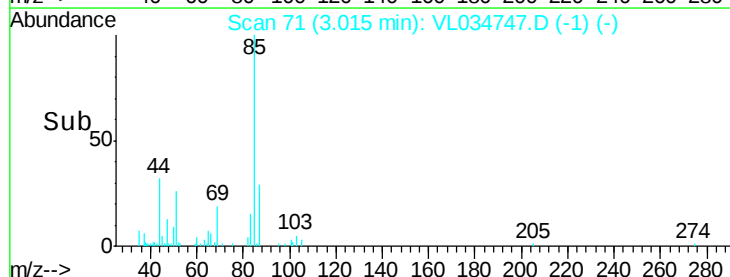
87 28.9 29.2 43.8#



Abundance Ion 85.00 (84.70 to 85.70): VL0

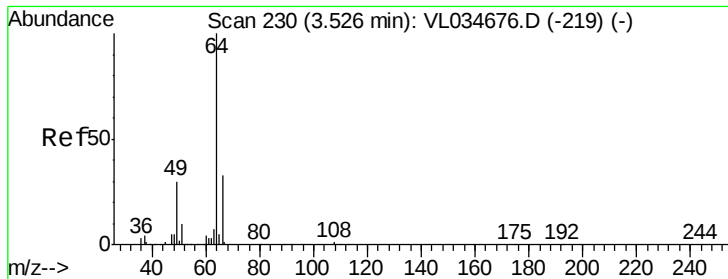
Ion 87.00 (86.70 to 87.70): VL0

Time-->



3.02

Time-->



#7

Chloroethane

Concen: 0.336 ppbv

RT: 3.53 min Scan# 231

Delta R.T. 0.00 min

Lab File: VL034747.D

Acq: 28 Feb 2020 21:48

Instrument :

MSVOA_L

ClientSampleId :

SG-7-TEACHER-WORKROOM

Tot Ion: 64 Resp: 7561

Ion Ratio Lower Upper

64 100

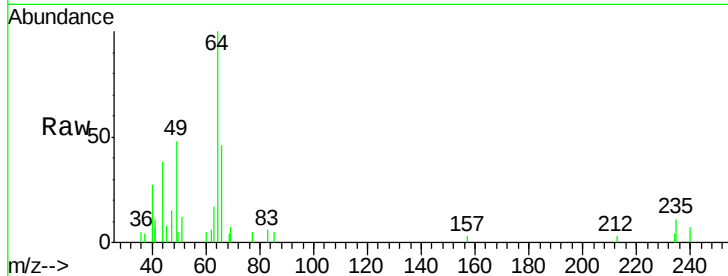
66 46.1 26.7 40.1#

Manual Integrations

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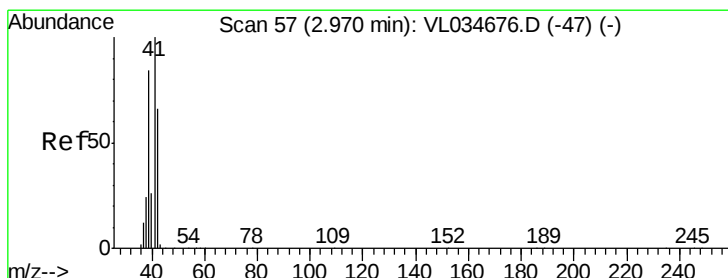
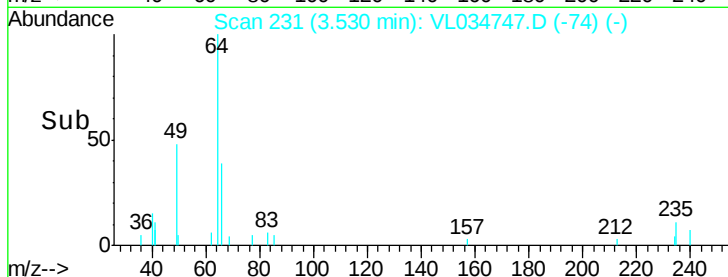
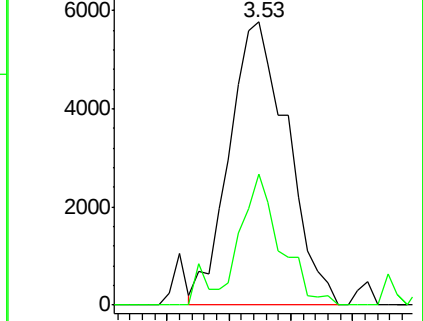
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Abundance Ion 64.10 (63.80 to 64.80): VL0

Ion 66.10 (65.80 to 66.80): VL0



#9

Propene

Concen: 0.939 ppbv m

RT: 2.98 min Scan# 59

Delta R.T. 0.01 min

Lab File: VL034747.D

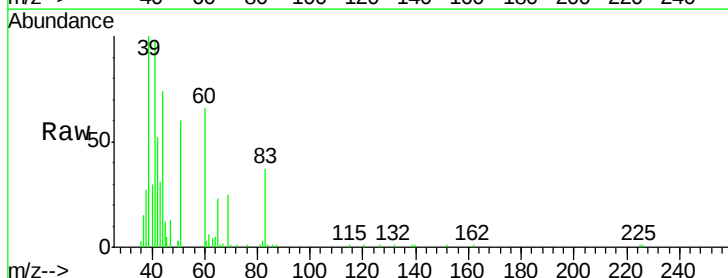
Acq: 28 Feb 2020 21:48

Tgt Ion: 41 Resp: 43347

Ion Ratio Lower Upper

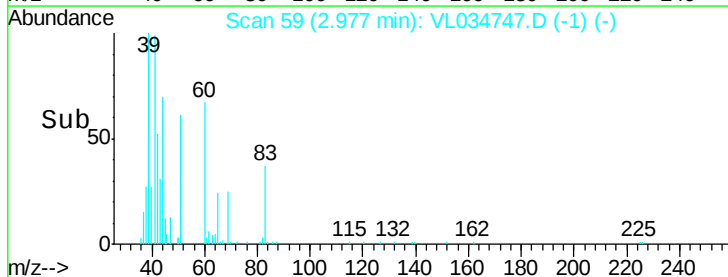
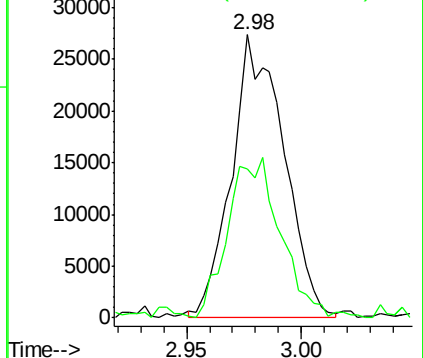
41 100

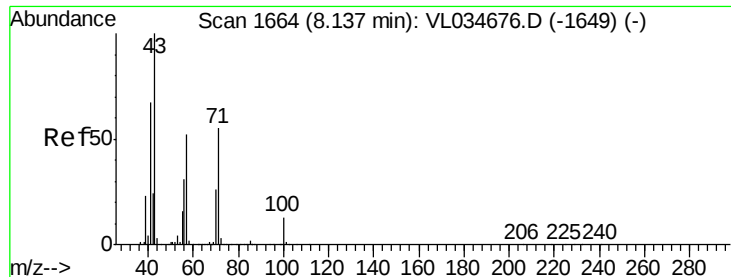
42 0.0 54.9 82.3#



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0





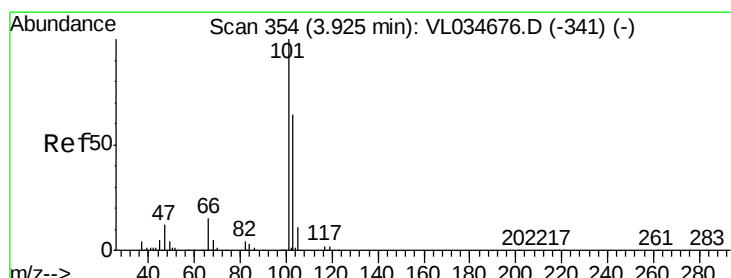
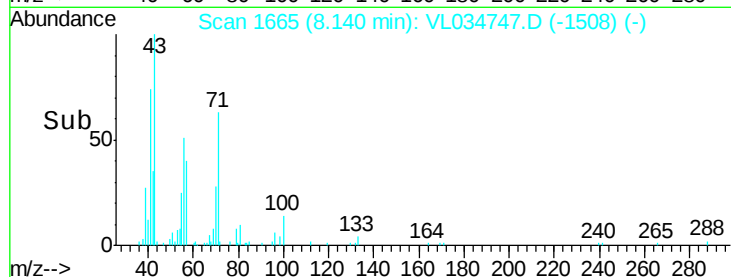
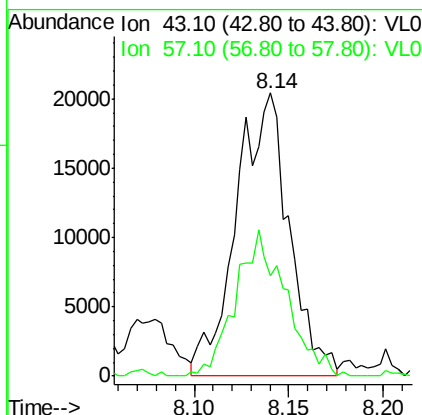
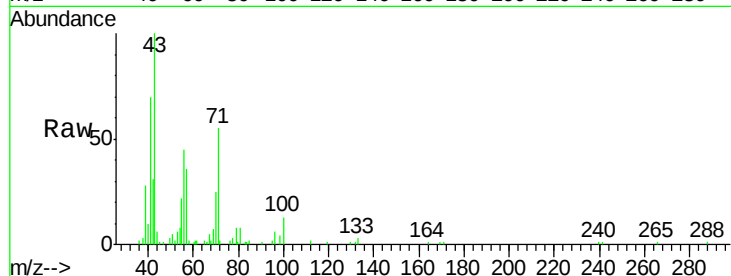
#10
Heptane
Concen: 0.333 ppbv m
RT: 8.14 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VL034747.D
Acq: 28 Feb 2020 21:48

Instrument :
MSVOA_L
ClientSampleId :
SG-7-TEACHER-WORKROOM

Tot Ion: 43 Resp: 39582
Ion Ratio Lower Upper
43 100
57 49.1 41.0 61.6

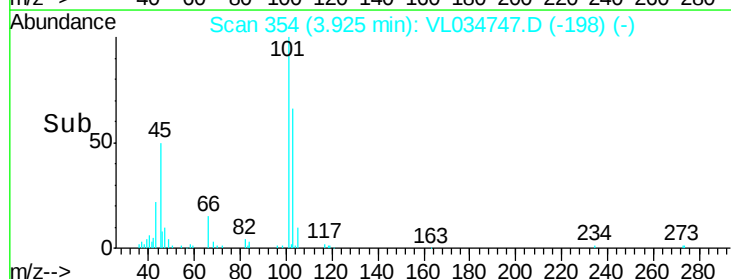
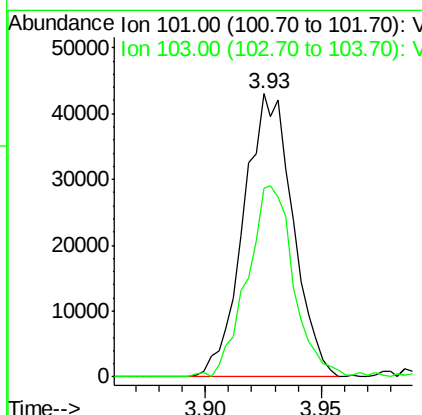
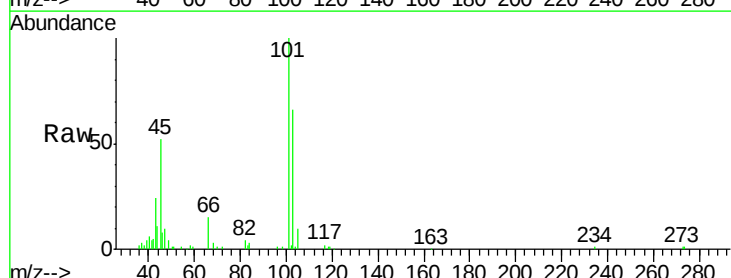
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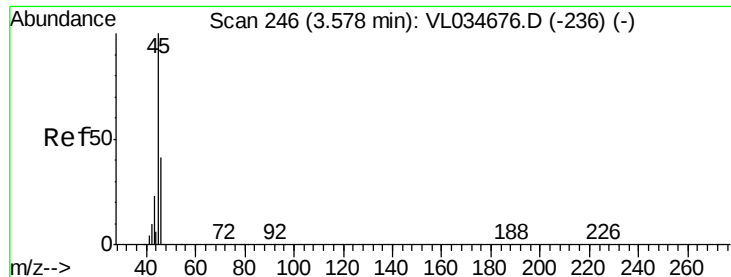
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#11
Trichlorofluoromethane
Concen: 0.448 ppbv
RT: 3.93 min Scan# 354
Delta R.T. 0.00 min
Lab File: VL034747.D
Acq: 28 Feb 2020 21:48

Tgt Ion: 101 Resp: 63440
Ion Ratio Lower Upper
101 100
103 66.5 51.2 76.8





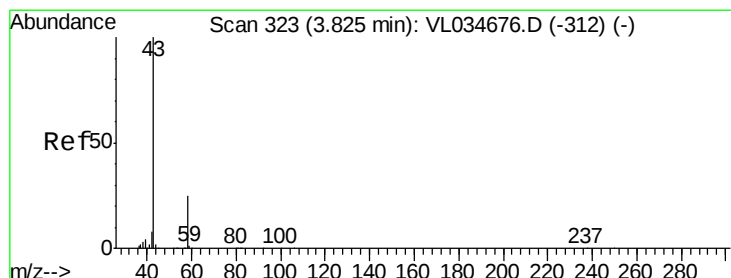
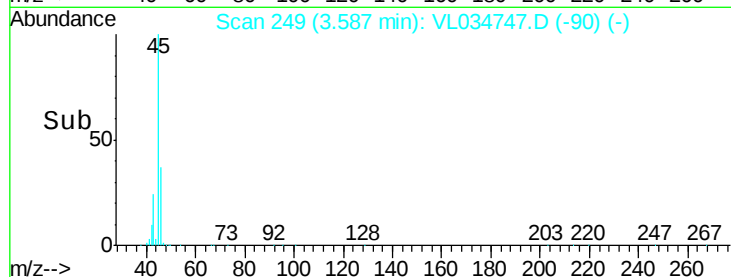
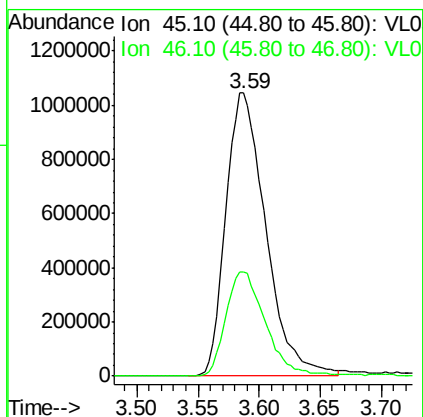
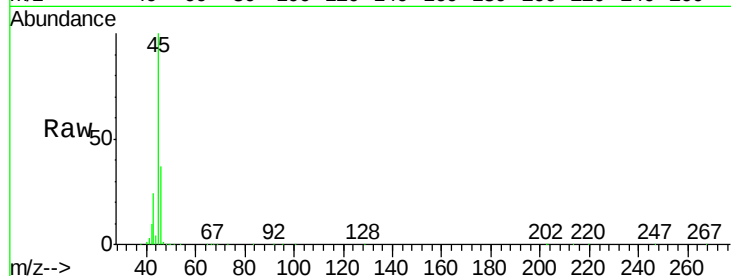
#13
Ethanol
Concen: 163.598 ppbv
RT: 3.59 min Scan# 249
Delta R.T. 0.01 min
Lab File: VL034747.D
Acq: 28 Feb 2020 21:48

Instrument :
MSVOA_L
ClientSampleId :
SG-7-TEACHER-WORKROOM

Tot Ion: 45 Resp: 2386793
Ion Ratio Lower Upper
45 100
46 37.1 15.4 61.4

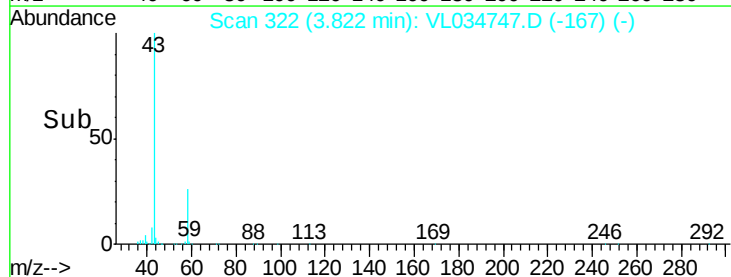
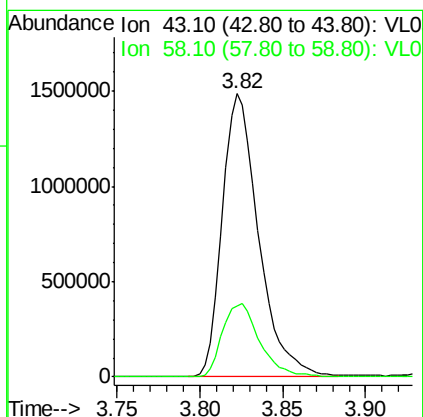
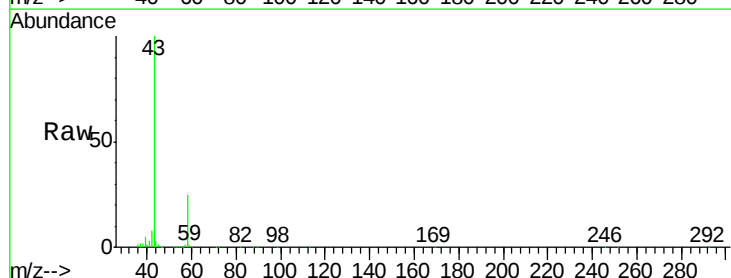
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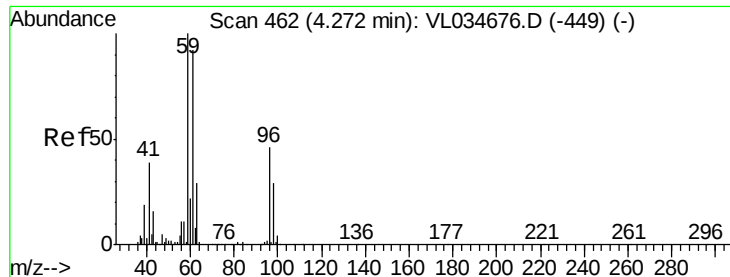
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#15
Acetone
Concen: 19.347 ppbv
RT: 3.82 min Scan# 322
Delta R.T. -0.00 min
Lab File: VL034747.D
Acq: 28 Feb 2020 21:48

Tgt Ion: 43 Resp: 2256953
Ion Ratio Lower Upper
43 100
58 27.0 21.4 32.0





#17

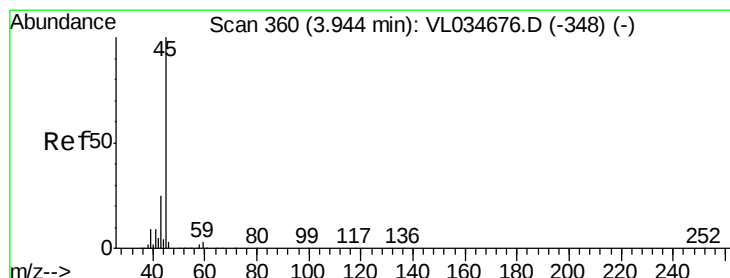
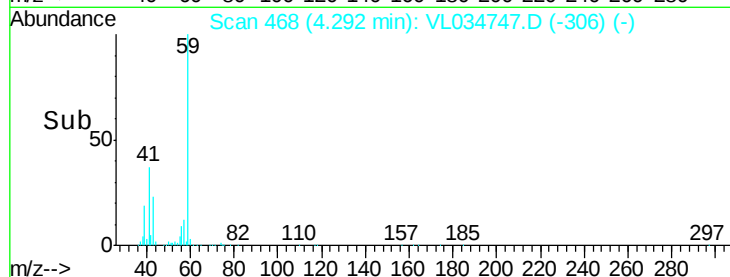
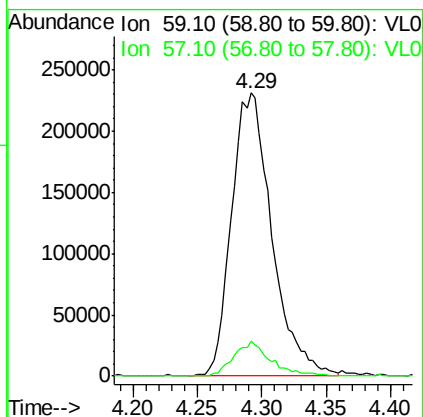
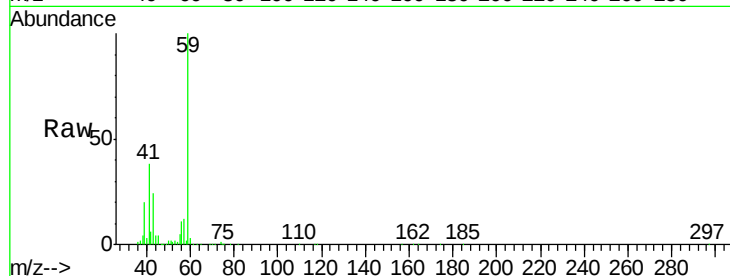
tert-Butyl alcohol
 Concen: 5.639 ppbv
 RT: 4.29 min Scan# 468
 Delta R.T. 0.02 min
 Lab File: VL034747.D
 Acq: 28 Feb 2020 21:48

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-7-TEACHER-WORKROOM

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.3	8.8	13.2

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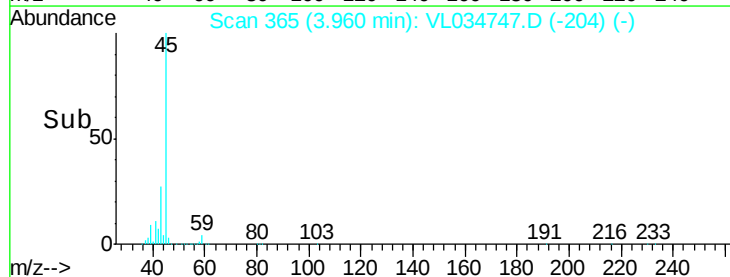
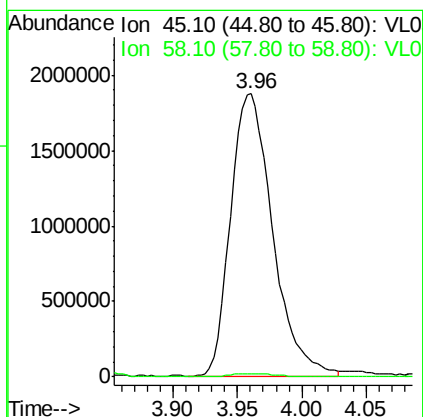
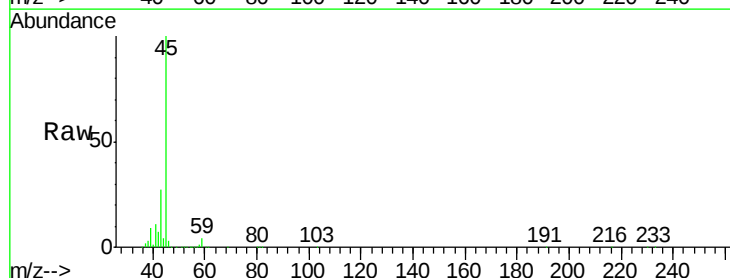
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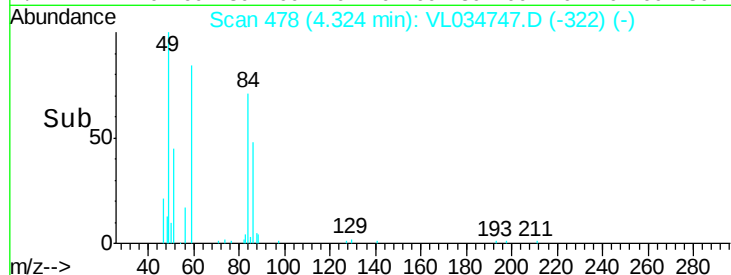
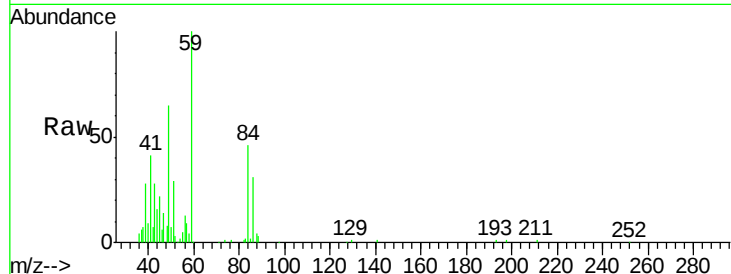
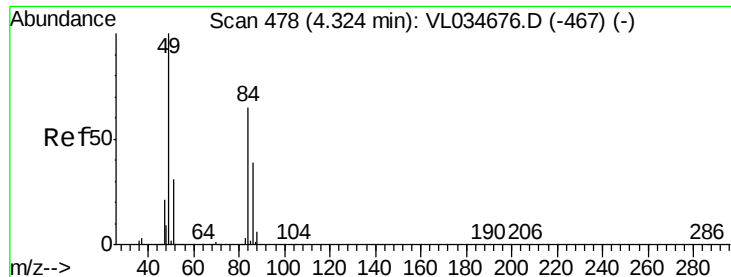


#19

Isopropyl Alcohol
 Concen: 61.057 ppbv
 RT: 3.96 min Scan# 365
 Delta R.T. 0.02 min
 Lab File: VL034747.D
 Acq: 28 Feb 2020 21:48

Tgt Ion	Ratio	Lower	Upper
45	100		
58	1.4	1.8	2.6#





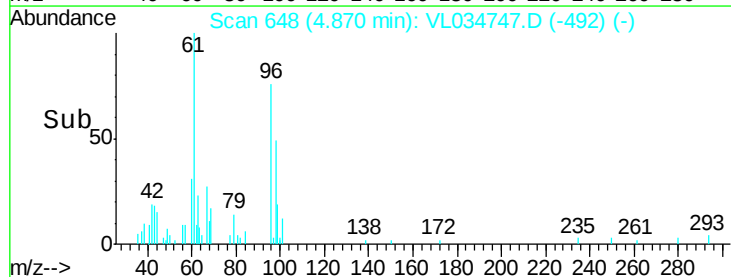
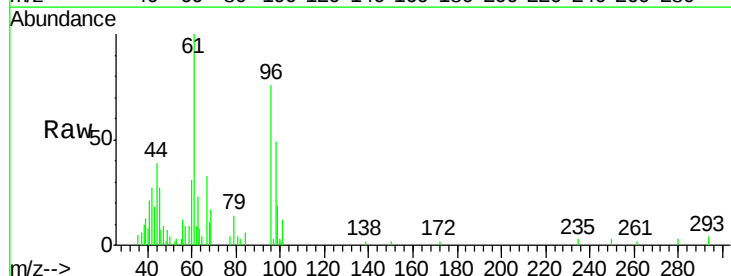
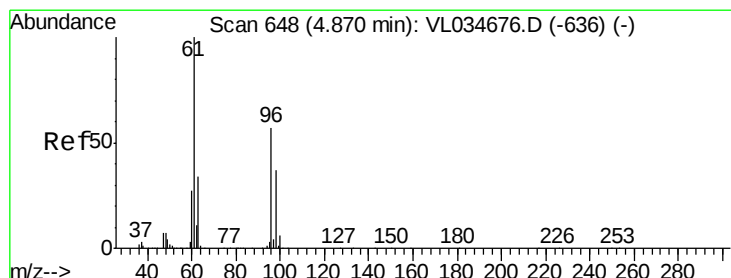
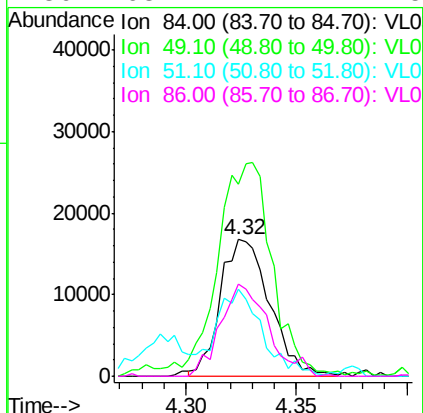
#20
Methylene Chloride
Concen: 0.601 ppbv
RT: 4.32 min Scan# 478
Delta R.T. 0.00 min
Lab File: VL034747.D
Acq: 28 Feb 2020 21:48

Tot Ion	84	Resp	26091
Ion Ratio	Lower	Upper	
84	100		
49	137.8	122.8	184.2
51	67.3	38.6	58.0#
86	68.2	47.7	71.5

Instrument :
MSVOA_L
ClientSampleId :
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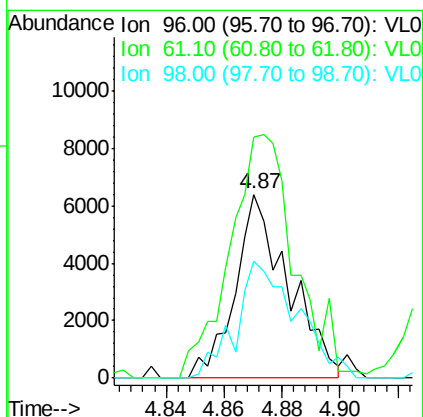
Manual Integrations
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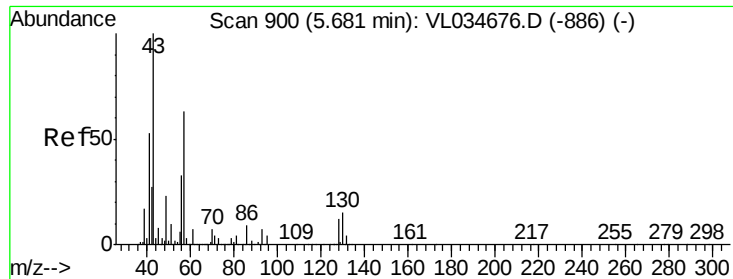
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#22
trans-1,2-Dichloroethene
Concen: 0.187 ppbv
RT: 4.87 min Scan# 648
Delta R.T. 0.00 min
Lab File: VL034747.D
Acq: 28 Feb 2020 21:48

Tgt Ion	96	Resp	8171
Ion Ratio	Lower	Upper	
96	100		
61	127.0	139.4	209.0#
98	56.5	51.3	76.9





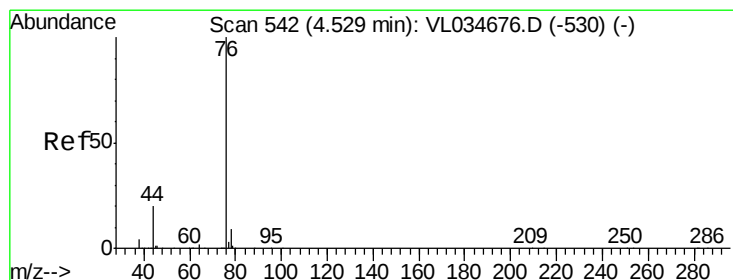
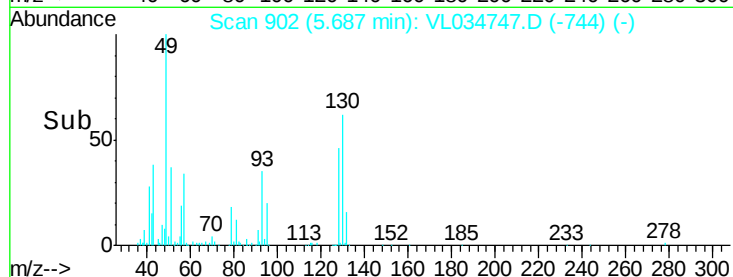
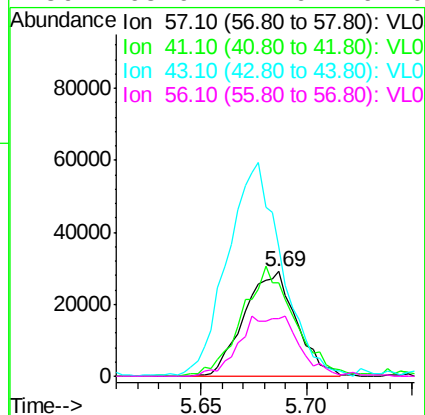
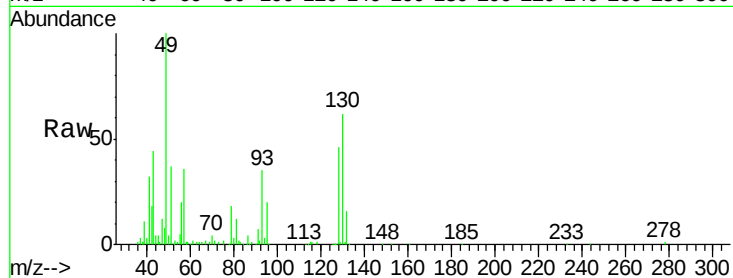
#26
Hexane
Concen: 0.524 ppbv
RT: 5.69 min Scan# 902
Delta R.T. 0.01 min
Lab File: VL034747.D
Acq: 28 Feb 2020 21:48

Instrument :
MSVOA_L
ClientSampleId :
SG-7-TEACHER-WORKROOM

Tot Ion	57	Resp	49904
Ion	Ratio	Lower	Upper
57	100		
41	106.6	70.3	105.5#
43	212.1	177.0	265.4
56	65.9	42.6	64.0#

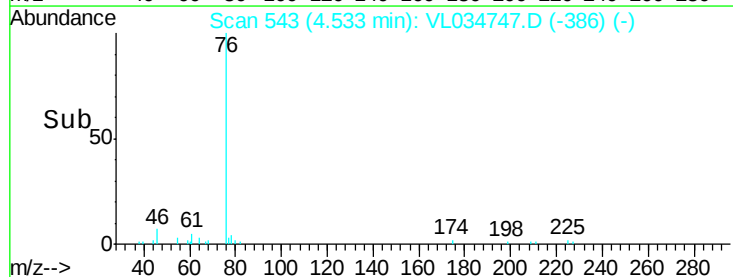
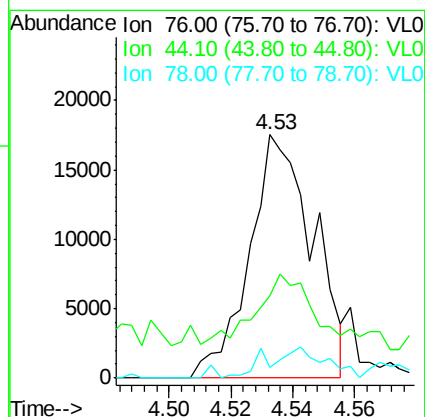
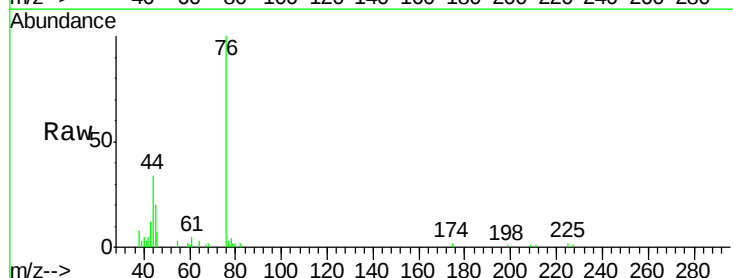
Manual Integrations
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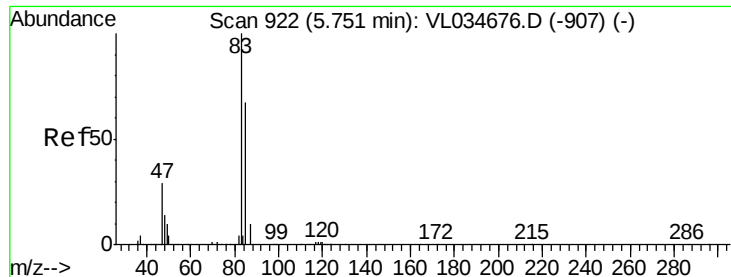
MMDadoda
3/2/2020 1:01:40 PM



#27
Carbon Disulfide
Concen: 0.231 ppbv
RT: 4.53 min Scan# 543
Delta R.T. 0.00 min
Lab File: VL034747.D
Acq: 28 Feb 2020 21:48

Tgt Ion	76	Resp	24996
Ion	Ratio	Lower	Upper
76	100		
44	34.6	15.3	22.9#
78	17.7	7.6	11.4#





#29

Chloroform

Concen: 0.830 ppbv

RT: 5.75 min Scan# 921

Delta R.T. -0.00 min

Lab File: VL034747.D

Acq: 28 Feb 2020 21:48

Instrument :

MSVOA_L

ClientSampleId :

SG-7-TEACHER-WORKROOM

Tot Ion: 83 Resp: 125849

Ion Ratio Lower Upper

83 100

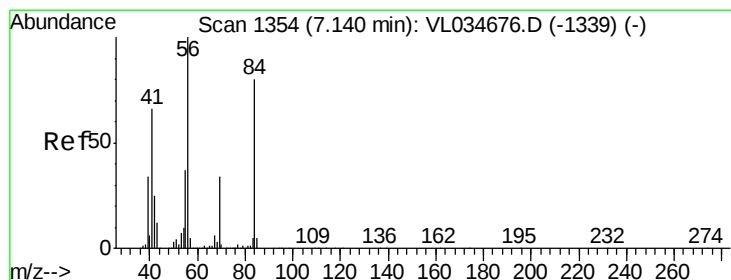
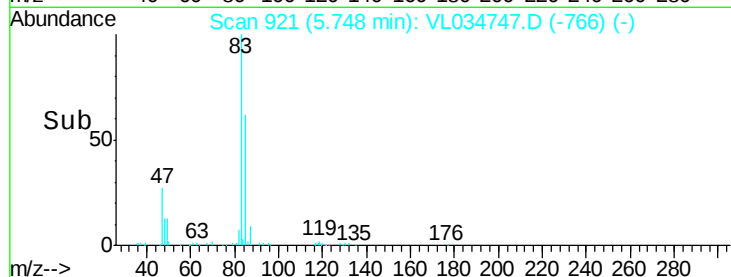
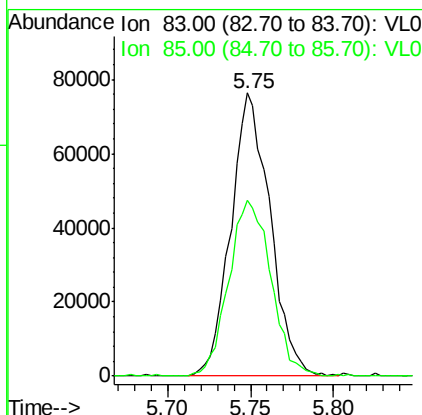
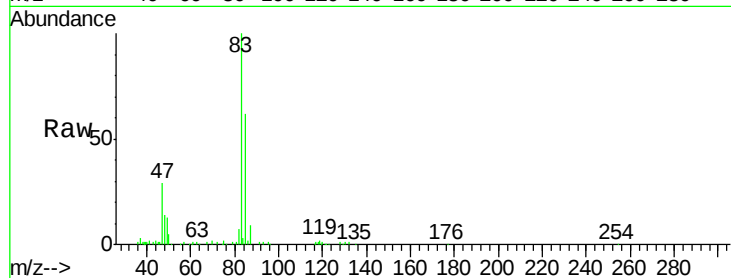
85 62.0 53.9 80.9

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3/2/2020 1:01:40 PM



#30

Cyclohexane

Concen: 0.223 ppbv m

RT: 7.14 min Scan# 1354

Delta R.T. 0.00 min

Lab File: VL034747.D

Acq: 28 Feb 2020 21:48

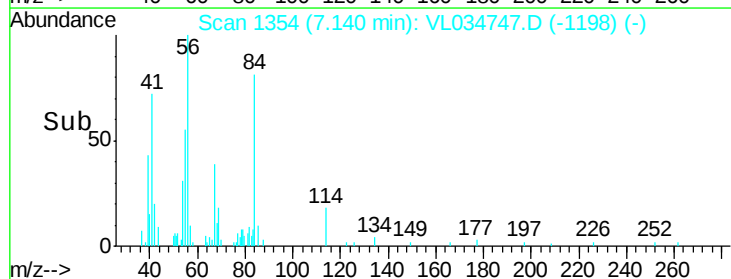
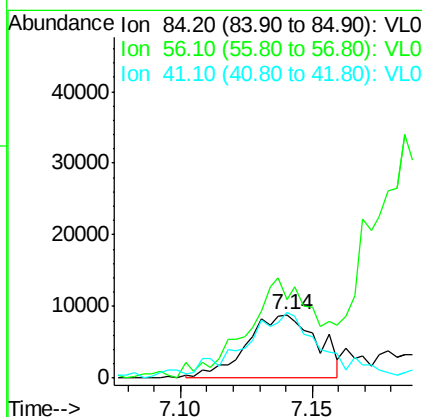
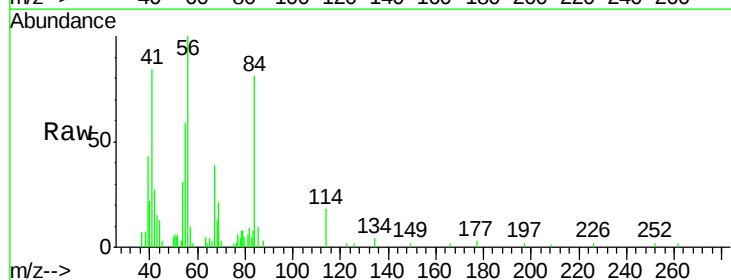
Tgt Ion: 84 Resp: 16437

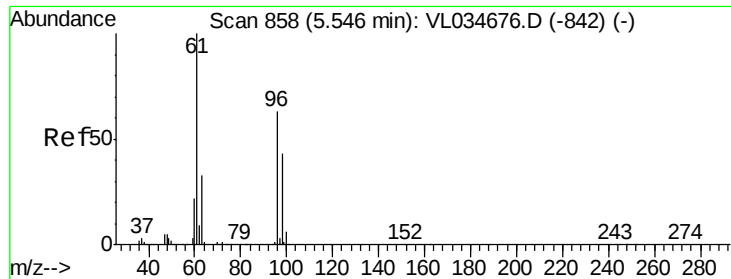
Ion Ratio Lower Upper

84 100

56 0.0 113.4 170.2#

41 92.4 68.2 102.4





#31

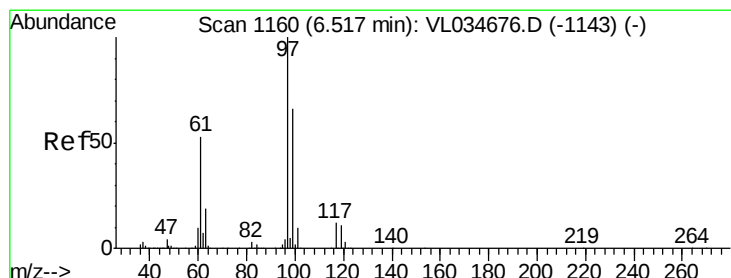
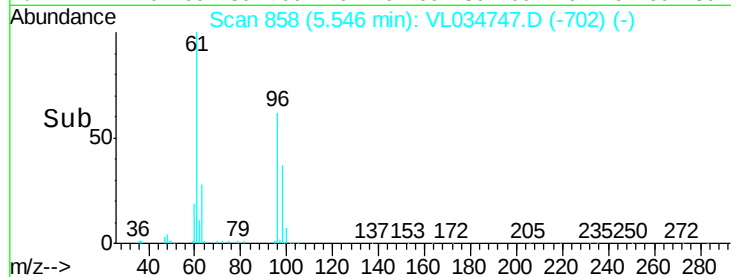
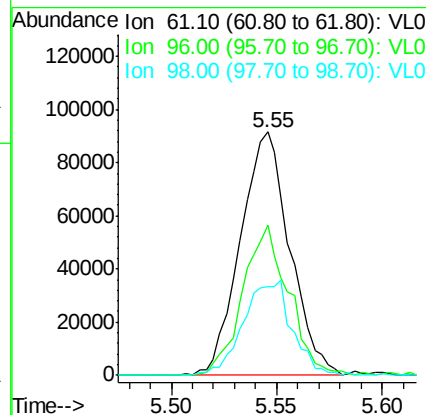
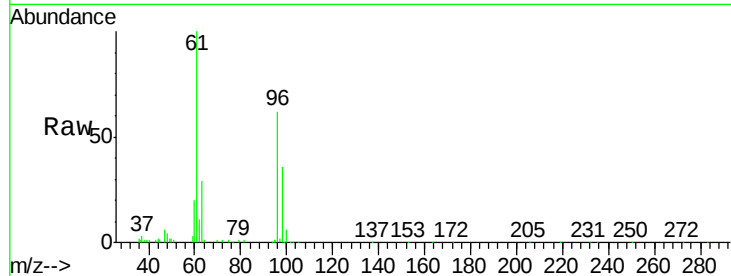
cis-1,2-Dichloroethene
 Concen: 1.589 ppbv
 RT: 5.55 min Scan# 858
 Delta R.T. 0.00 min
 Lab File: VL034747.D
 Acq: 28 Feb 2020 21:48

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-7-TEACHER-WORKROOM

Tot Ion	Ratio	Lower	Upper
61	100		
96	61.8	50.2	75.2
98	36.5	34.3	51.5

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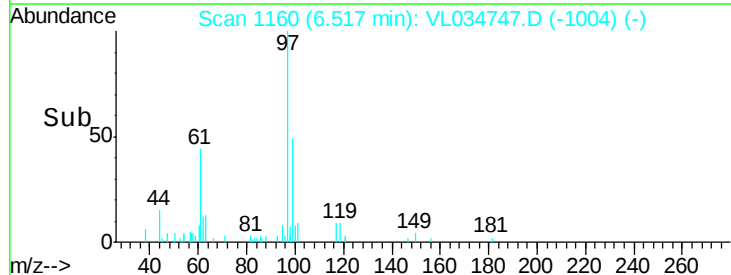
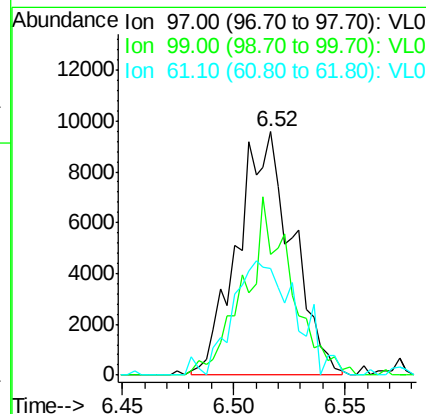
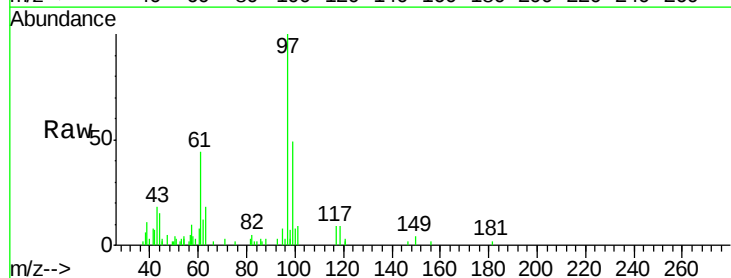
MMDadoda
 3/2/2020 1:01:40 PM

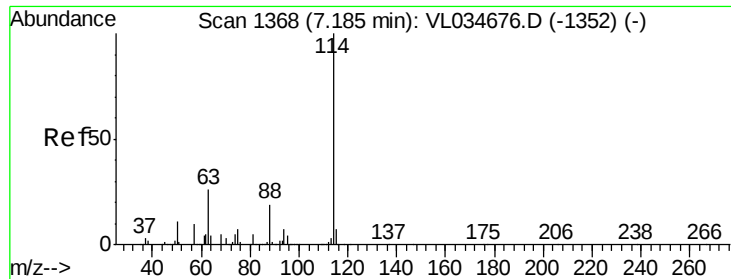


#32

1,1,1-Trichloroethane
 Concen: 0.115 ppbv m
 RT: 6.52 min Scan# 1160
 Delta R.T. 0.00 min
 Lab File: VL034747.D
 Acq: 28 Feb 2020 21:48

Tgt Ion	Ratio	Lower	Upper
97	100		
99	62.1	52.3	78.5
61	0.0	42.8	64.2#





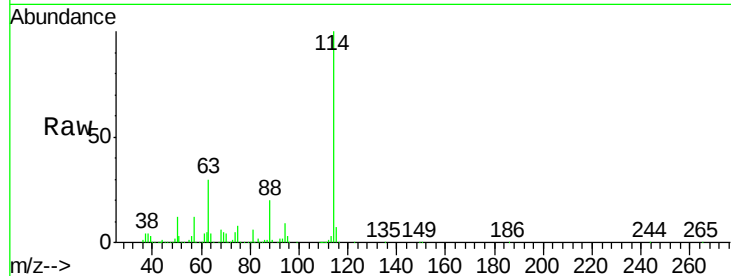
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.19 min Scan# 1368
 Delta R.T. 0.00 min
 Lab File: VL034747.D
 Acq: 28 Feb 2020 21:48

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-7-TEACHER-WORKROOM

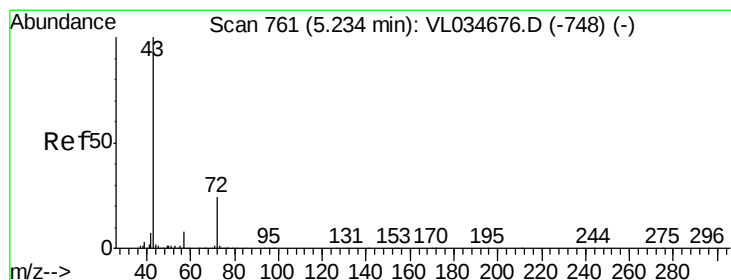
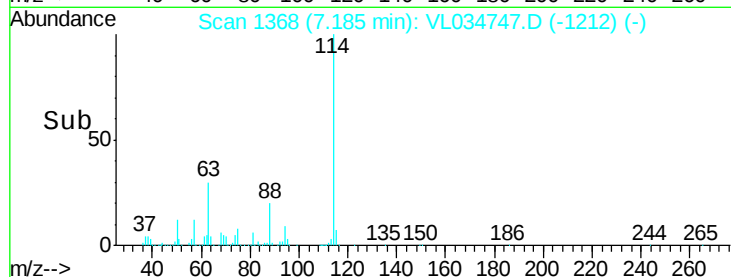
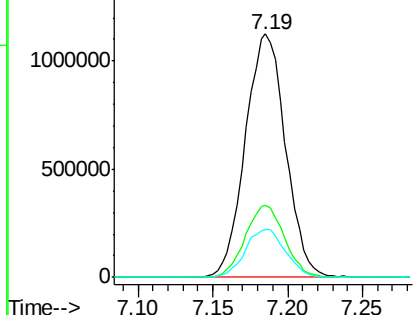
Tot Ion	Ratio	Lower	Upper
114	100		
63	29.2	22.9	34.3
88	19.9	15.8	23.6

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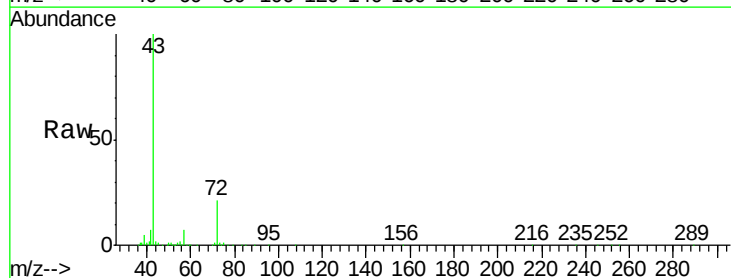


Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

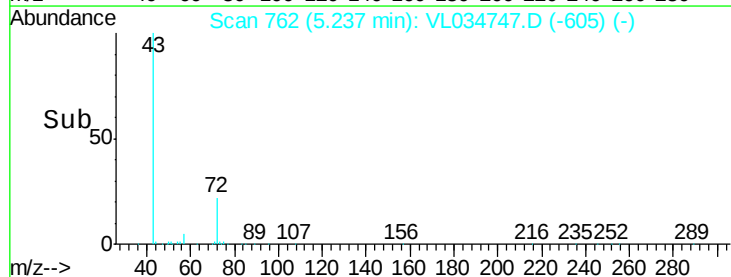
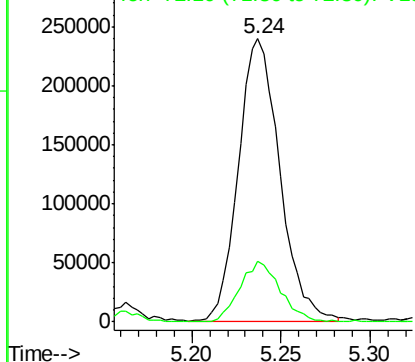


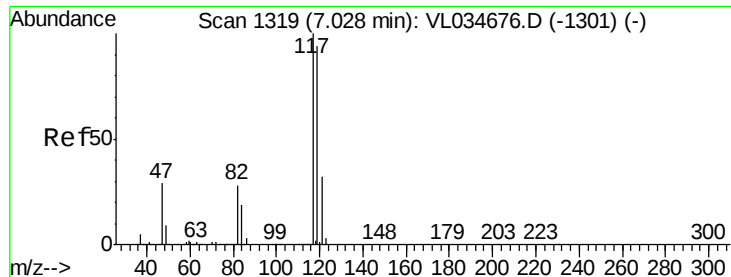
#34
 2-Butanone
 Concen: 2.922 ppbv
 RT: 5.24 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VL034747.D
 Acq: 28 Feb 2020 21:48

Tgt Ion	Ratio	Lower	Upper
43	100		
72	21.5	18.2	27.2



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





#35

Carbon Tetrachloride

Concen: 0.095 ppbv m

RT: 7.02 min Scan# 1316

Delta R.T. -0.01 min

Lab File: VL034747.D

Acq: 28 Feb 2020 21:48

Instrument :

MSVOA_L

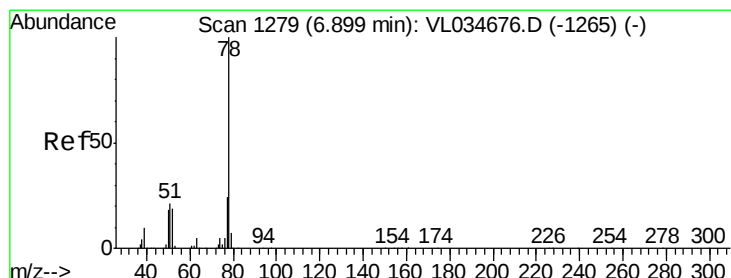
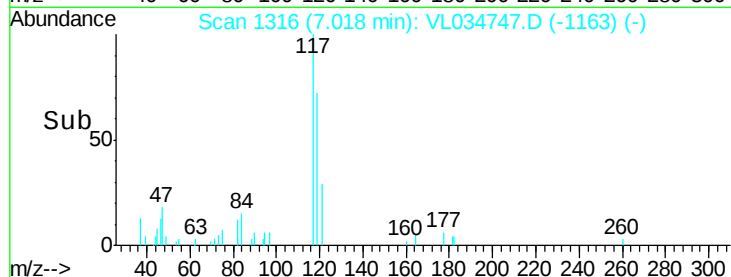
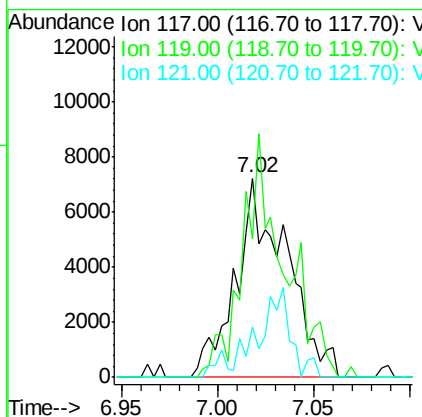
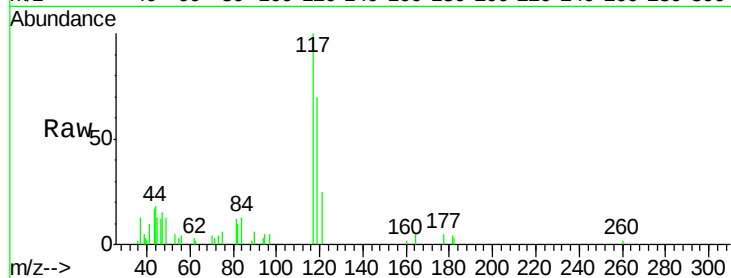
ClientSampleId :

SG-7-TEACHER-WORKROOM

Tot Ion:	117	Resp:	13312
Ion Ratio	Lower	Upper	
117	100		
119	69.9	75.5	113.3#
121	25.4	25.4	38.0

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3/2/2020 1:01:40 PM



#36

Benzene

Concen: 0.330 ppbv

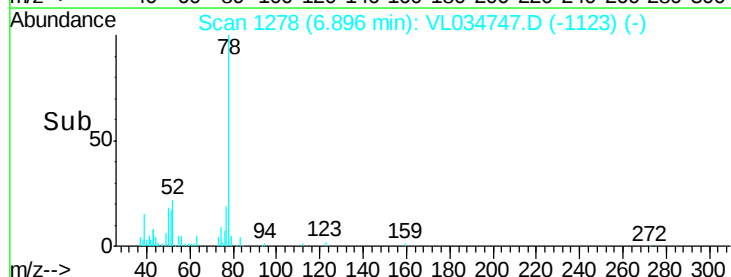
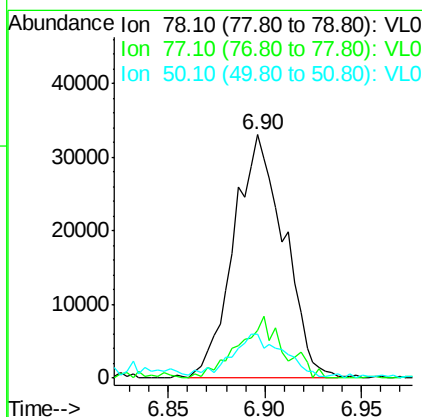
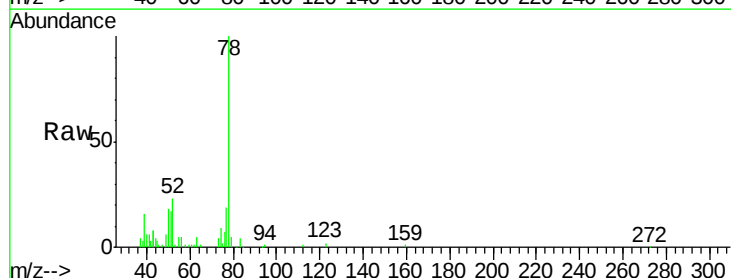
RT: 6.90 min Scan# 1278

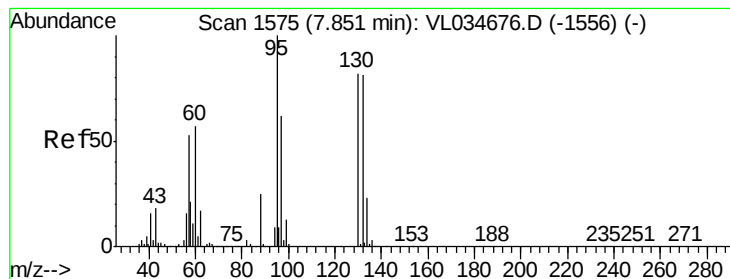
Delta R.T. -0.00 min

Lab File: VL034747.D

Acq: 28 Feb 2020 21:48

Tgt Ion:	78	Resp:	59949
Ion Ratio	Lower	Upper	
78	100		
77	19.4	19.5	29.3#
50	16.8	14.6	21.8





#38

Trichloroethene

Concen: 13.733 ppbv

RT: 7.85 min Scan# 1575

Delta R.T. 0.00 min

Lab File: VL034747.D

Acq: 28 Feb 2020 21:48

Instrument :

MSVOA_L

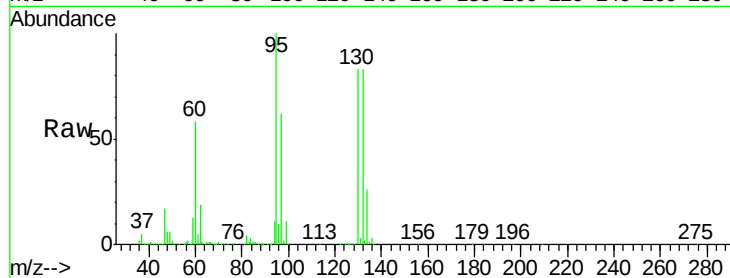
ClientSampleId :

SG-7-TEACHER-WORKROOM

Tot Ion	Ratio	Resp	Lower	Upper
130	100	961391		
95	120.8		97.1	145.7
132	100.1		78.3	117.5
97	74.6		60.1	90.1

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3/2/2020 1:01:40 PM

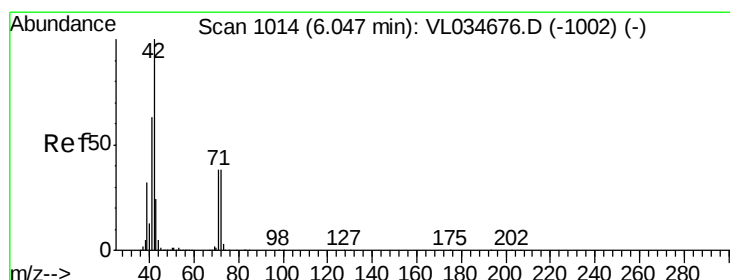
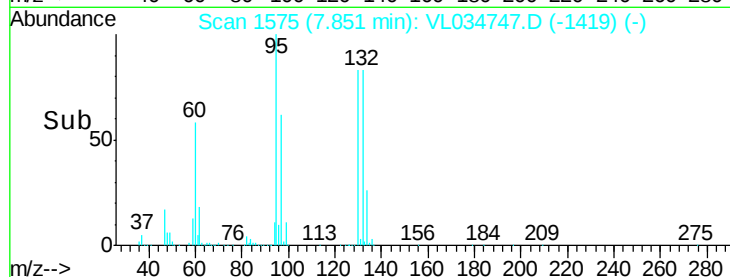
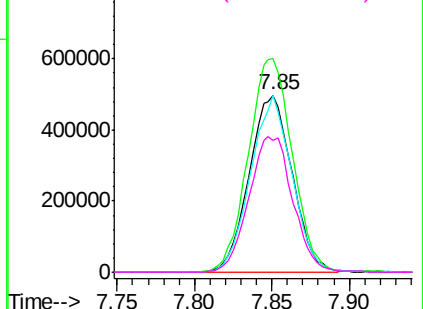


Abundance Ion 130.00 (129.70 to 130.70): V

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



#41

Tetrahydrofuran

Concen: 2.869 ppbv

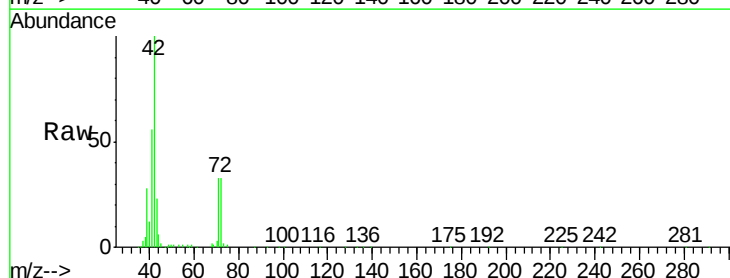
RT: 6.06 min Scan# 1017

Delta R.T. 0.01 min

Lab File: VL034747.D

Acq: 28 Feb 2020 21:48

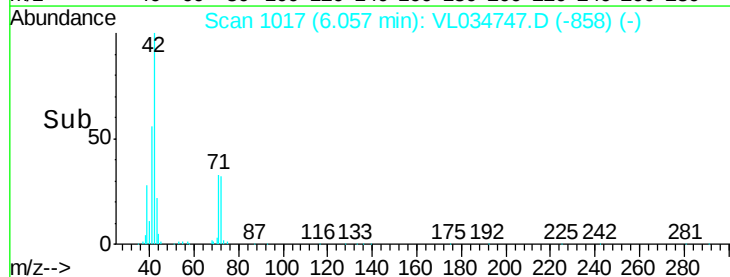
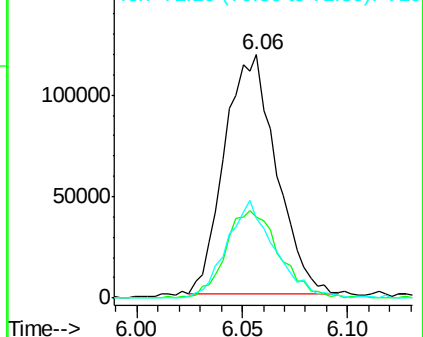
Tgt Ion	Ratio	Resp	Lower	Upper
42	100	200408		
72	38.4		31.7	47.5
71	38.4		30.7	46.1

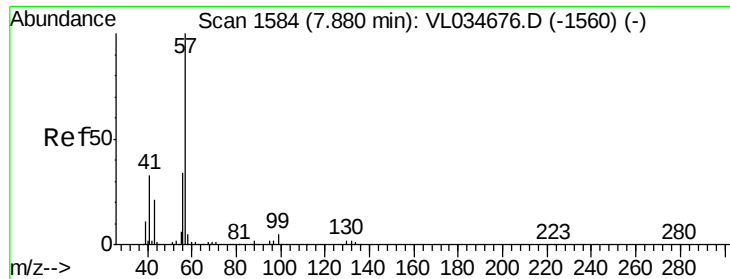


Abundance Ion 42.10 (41.80 to 42.80): VL0

Ion 72.10 (71.80 to 72.80): VL0

Ion 71.10 (70.80 to 71.80): VL0





#44

2,2,4-Trimethylpentane

Concen: 0.488 ppbv

RT: 7.88 min Scan# 1585

Delta R.T. 0.00 min

Lab File: VL034747.D

Acq: 28 Feb 2020 21:48

Instrument :

MSVOA_L

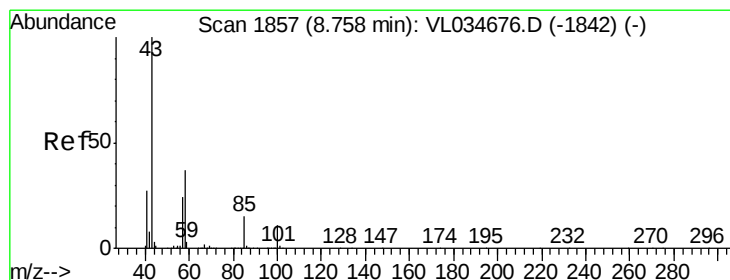
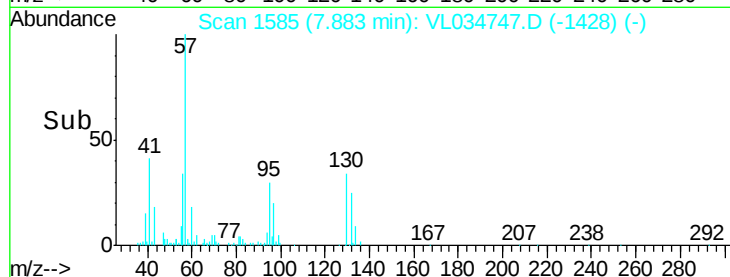
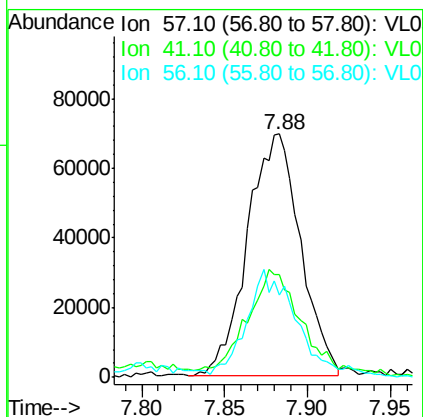
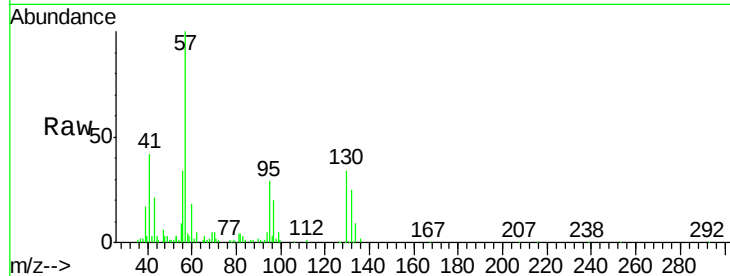
ClientSampleId :

SG-7-TEACHER-WORKROOM

Tot Ion:	57	Resp:	154821
Ion Ratio	Lower	Upper	
57	100		
41	46.0	26.0	39.0#
56	43.2	25.6	38.4#

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3/2/2020 1:01:40 PM



#50

4-Methyl-2-Pentanone

Concen: 0.705 ppbv m

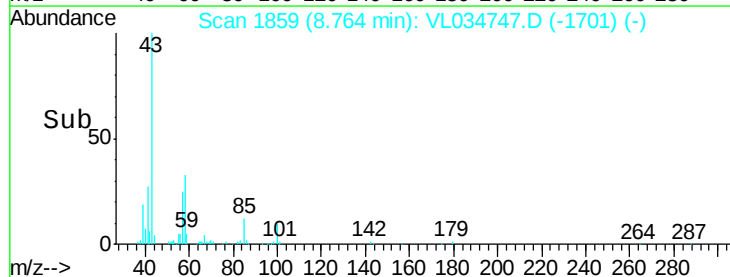
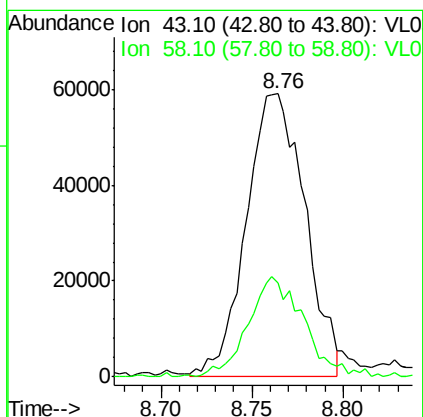
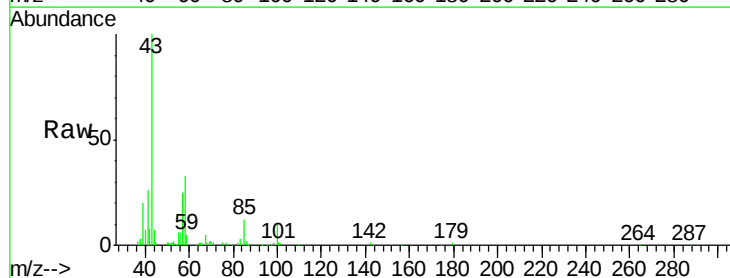
RT: 8.76 min Scan# 1859

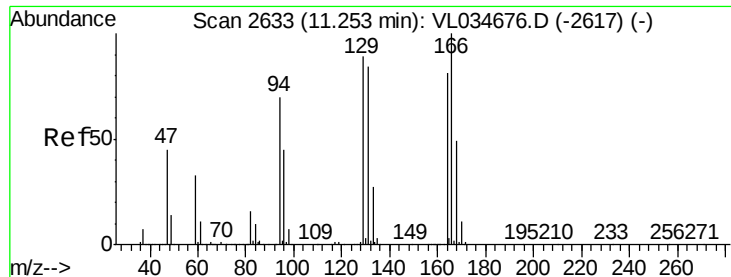
Delta R.T. 0.01 min

Lab File: VL034747.D

Acq: 28 Feb 2020 21:48

Tgt Ion:	43	Resp:	132169
Ion Ratio	Lower	Upper	
43	100		
58	33.9	29.0	43.6





#52

Tetrachloroethene

Concen: 0.232 ppbv m

RT: 11.25 min Scan# 2631

Delta R.T. -0.01 min

Lab File: VL034747.D

Acq: 28 Feb 2020 21:48

Instrument :

MSVOA_L

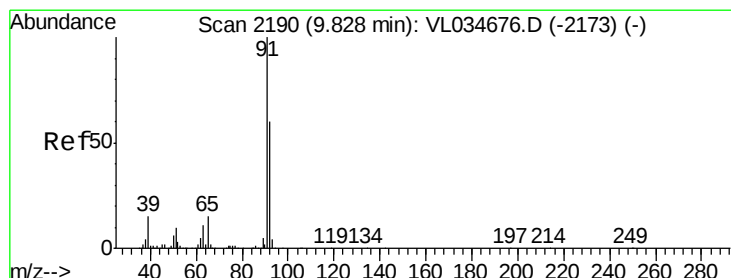
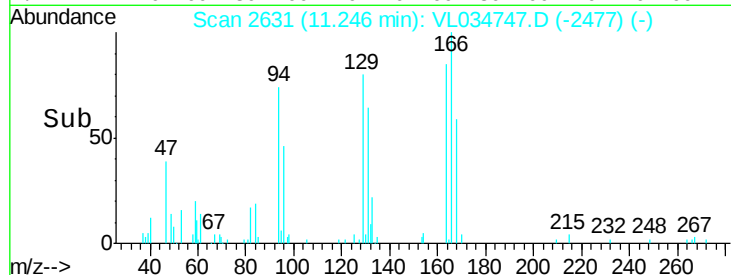
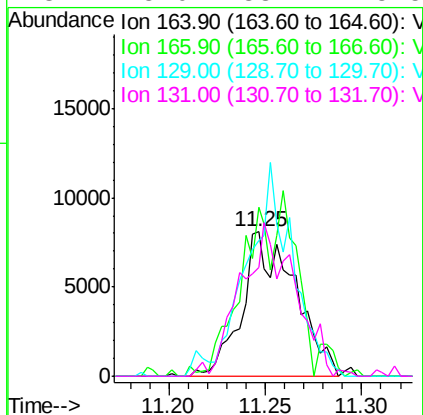
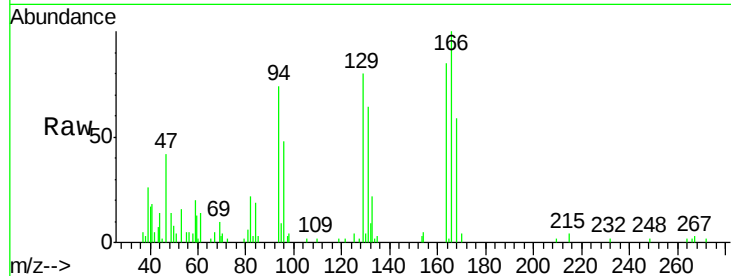
ClientSampleId :

SG-7-TEACHER-WORKROOM

Tot Ion:	164	Resp:	15433
Ion Ratio	Lower	Upper	
164	100		
166	117.3	99.2	148.8
129	93.8	88.0	132.0
131	75.0	83.7	125.5#

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#53

Toluene

Concen: 4.045 ppbv

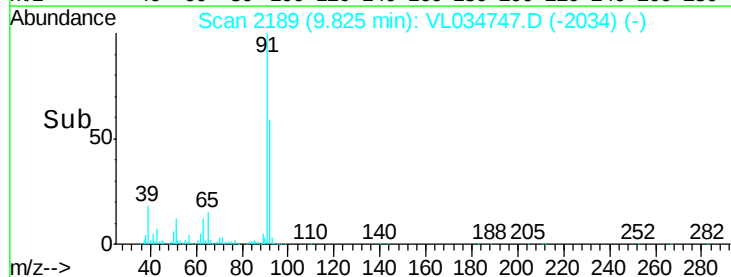
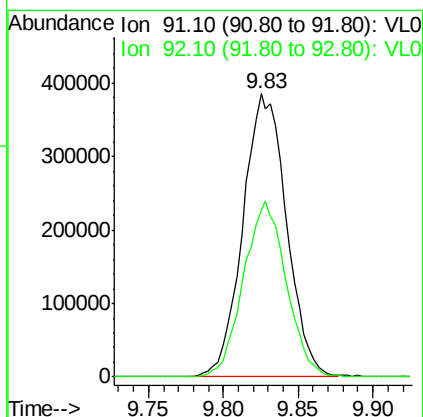
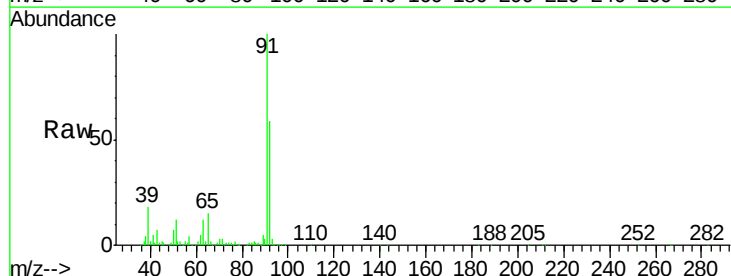
RT: 9.83 min Scan# 2189

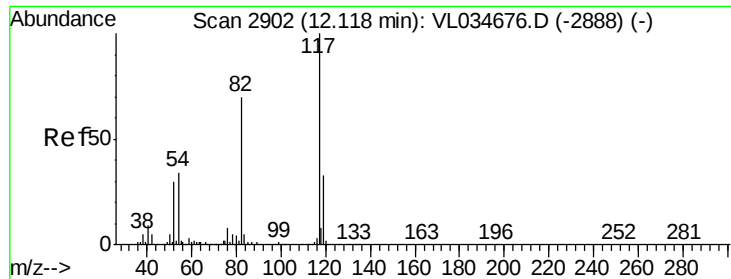
Delta R.T. -0.00 min

Lab File: VL034747.D

Acq: 28 Feb 2020 21:48

Tgt Ion:	91	Resp:	781427
Ion Ratio	Lower	Upper	
91	100		
92	61.2	48.5	72.7





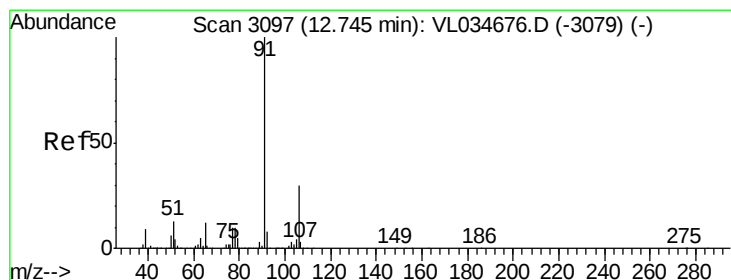
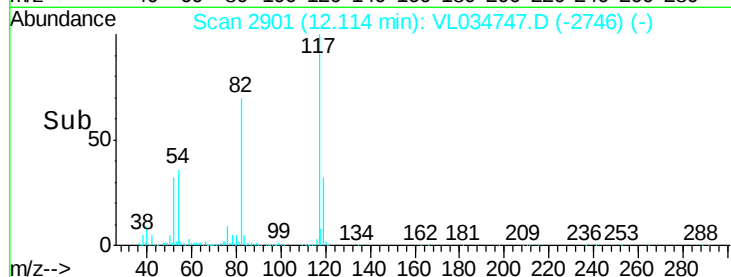
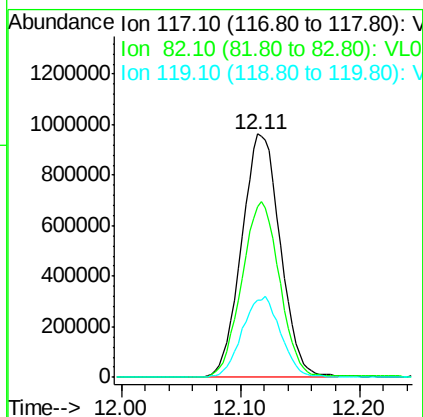
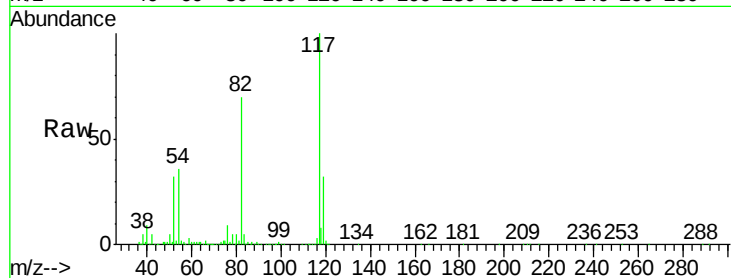
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.11 min Scan# 2901
Delta R.T. -0.00 min
Lab File: VL034747.D
Acq: 28 Feb 2020 21:48

Instrument :
MSVOA_L
ClientSampleId :
SG-7-TEACHER-WORKROOM

Tot Ion	Ratio	Lower	Upper
117	100		
82	70.6	54.1	81.1
119	33.1	27.6	41.4

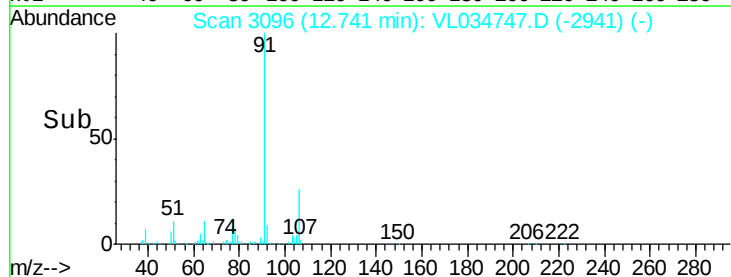
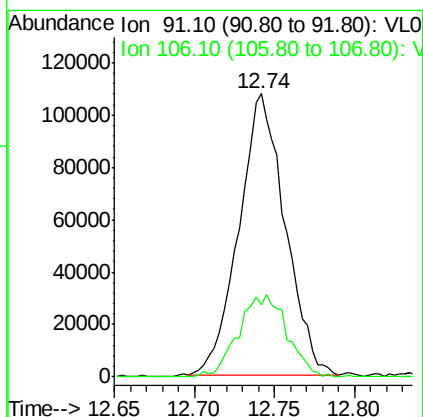
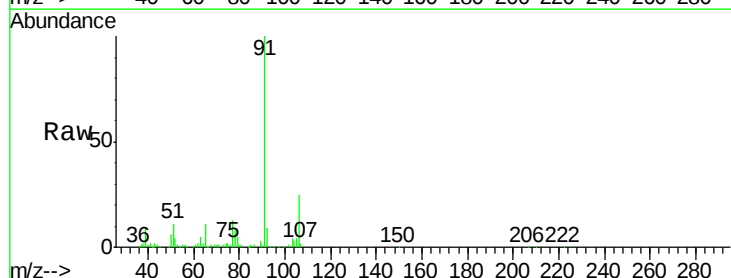
Manual Integrations
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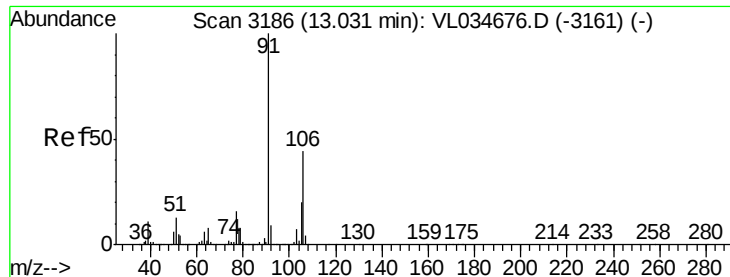
MMDadoda
3/2/2020 1:01:40 PM



#58
Ethyl Benzene
Concen: 0.810 ppbv
RT: 12.74 min Scan# 3096
Delta R.T. -0.00 min
Lab File: VL034747.D
Acq: 28 Feb 2020 21:48

Tgt Ion	Ratio	Lower	Upper
91	100		
106	25.5	24.0	36.0





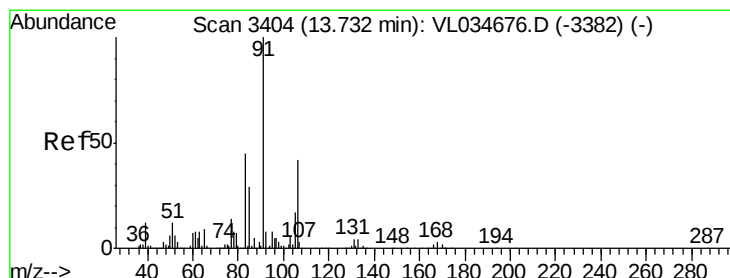
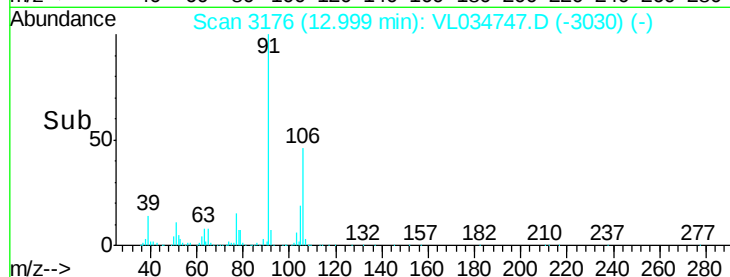
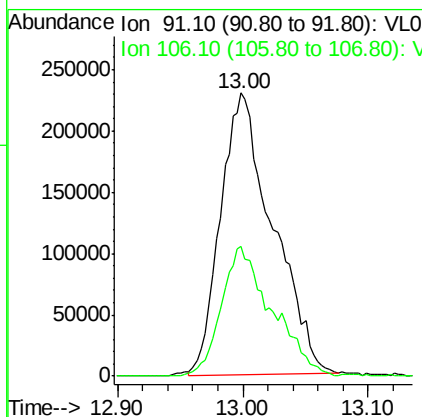
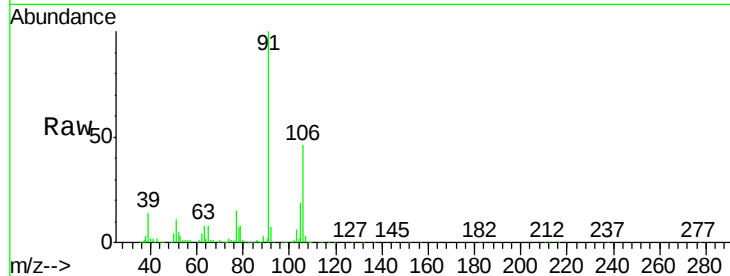
#59
m/p-Xylene
Concen: 2.908 ppbv
RT: 13.00 min Scan# 3176
Delta R.T. -0.03 min
Lab File: VL034747.D
Acq: 28 Feb 2020 21:48

Instrument :
MSVOA_L
ClientSampleId :
SG-7-TEACHER-WORKROOM

Tot Ion: 91 Resp: 664765
Ion Ratio Lower Upper
91 100
106 44.9 35.6 53.4

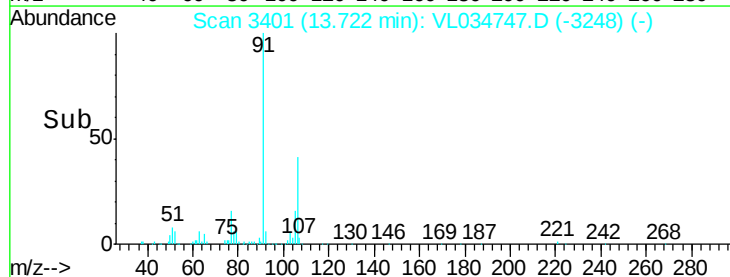
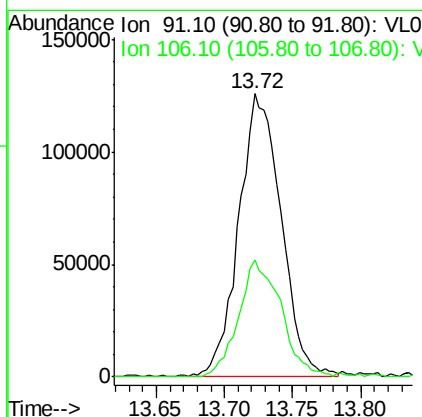
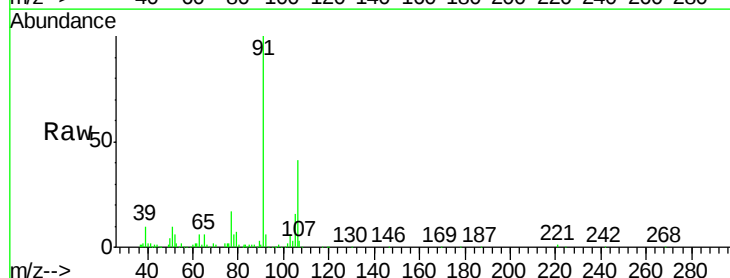
Manual Integrations
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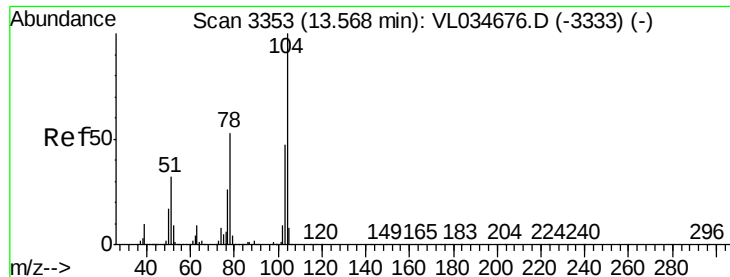
MMDadoda
3/2/2020 1:01:40 PM



#60
o-Xylene
Concen: 1.186 ppbv
RT: 13.72 min Scan# 3401
Delta R.T. -0.01 min
Lab File: VL034747.D
Acq: 28 Feb 2020 21:48

Tgt Ion: 91 Resp: 269144
Ion Ratio Lower Upper
91 100
106 42.4 21.9 65.5





#61

Stvrene

Concen: 0.155 ppbv m

RT: 13.56 min Scan# 3352

Delta R.T. -0.00 min

Lab File: VL034747.D

Acq: 28 Feb 2020 21:48

Instrument :

MSVOA_L

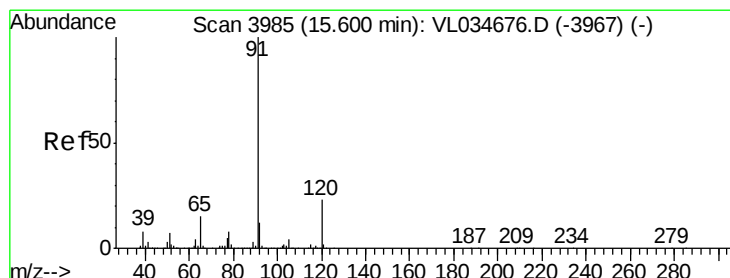
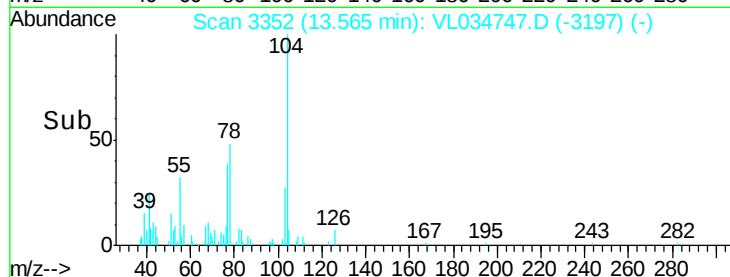
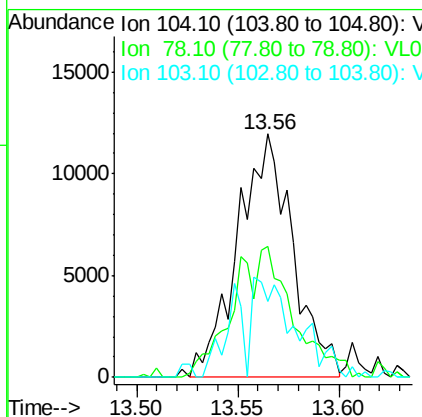
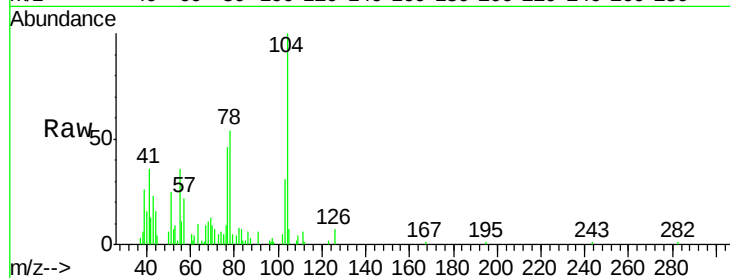
ClientSampleId :

SG-7-TEACHER-WORKROOM

Tot Ion:	104	Resp:	22552
Ion Ratio	Lower	Upper	
104	100		
78	59.2	44.2	66.4
103	46.2	37.4	56.0

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3/2/2020 1:01:40 PM



#64

n-propylbenzene

Concen: 0.212 ppbv m

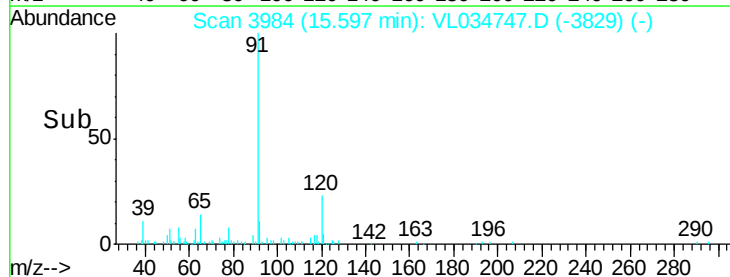
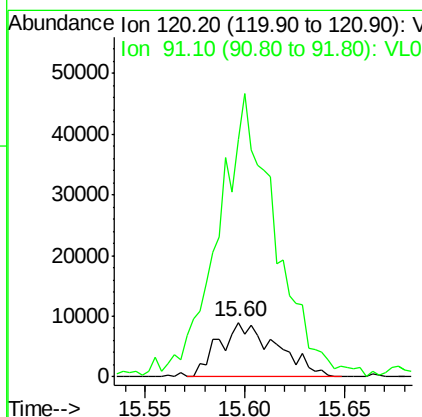
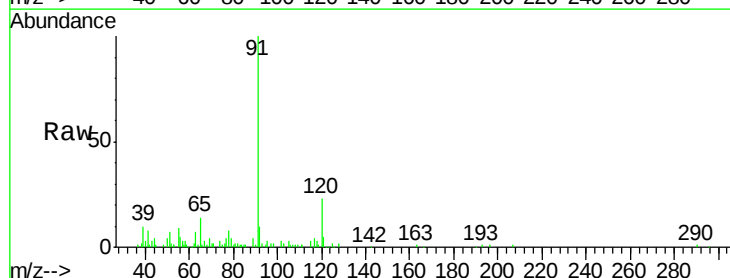
RT: 15.60 min Scan# 3984

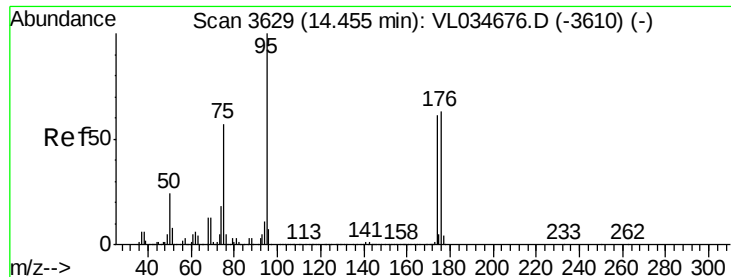
Delta R.T. -0.00 min

Lab File: VL034747.D

Acq: 28 Feb 2020 21:48

Tgt Ion:	120	Resp:	18077
Ion Ratio	Lower	Upper	
120	100		
91	0.0	369.8	554.8#





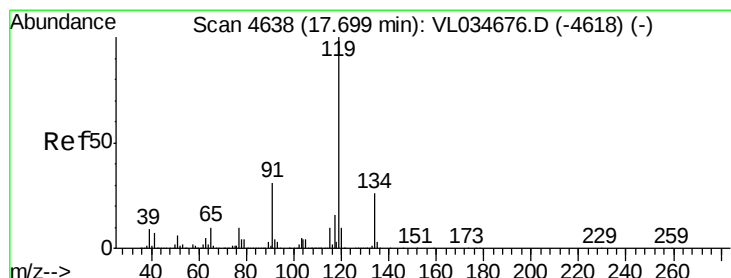
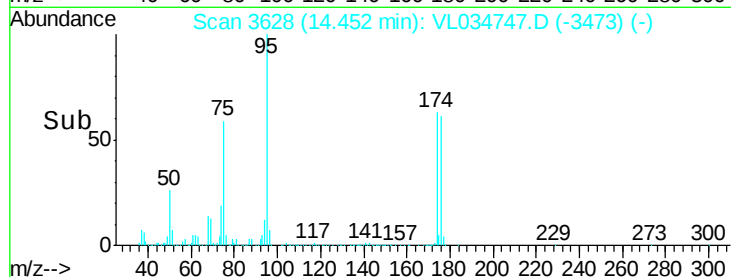
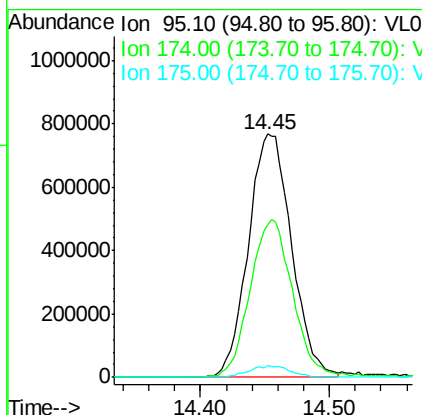
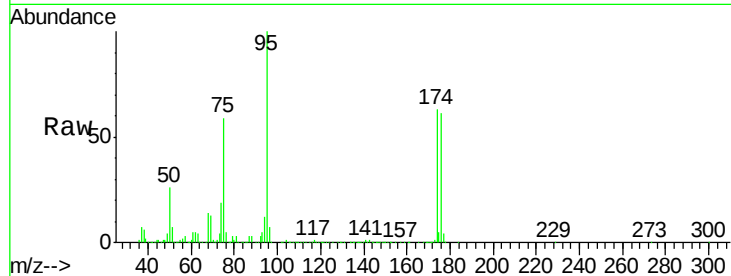
#68
1-Bromo-4-Fluorobenzene
Concen: 10.108 ppbv
RT: 14.45 min Scan# 3628
Delta R.T. -0.00 min
Lab File: VL034747.D
Acq: 28 Feb 2020 21:48

Instrument :
MSVOA_L
ClientSampleId :
SG-7-TEACHER-WORKROOM

Tot Ion: 95 Resp: 1795582
Ion Ratio Lower Upper
95 100
174 64.5 50.7 76.1
175 4.7 3.9 5.9

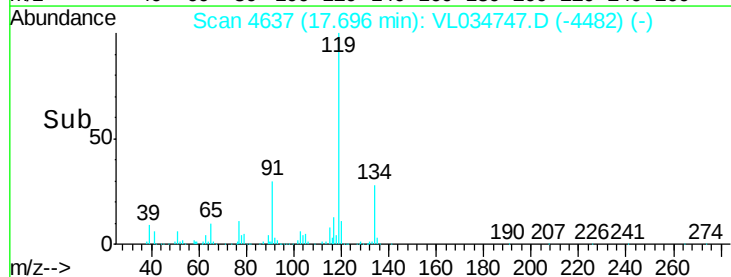
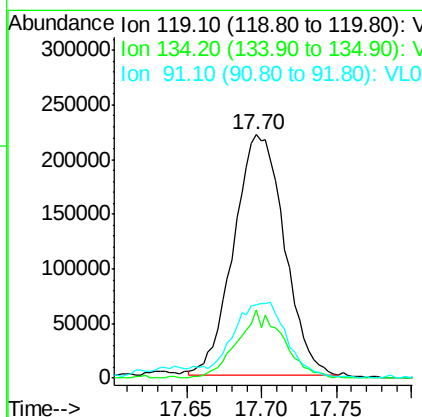
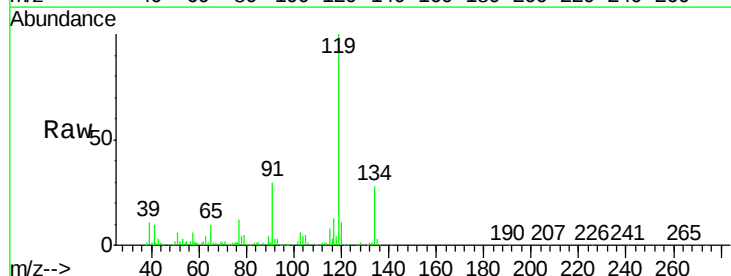
Manual Integrations
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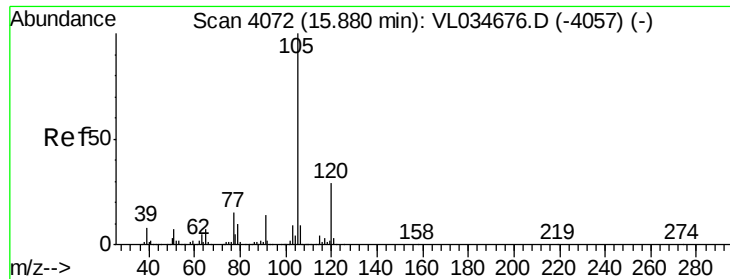
MMDadoda
3/2/2020 1:01:40 PM



#69
p-Isopropyltoluene
Concen: 1.527 ppbv
RT: 17.70 min Scan# 4637
Delta R.T. -0.00 min
Lab File: VL034747.D
Acq: 28 Feb 2020 21:48

Tgt Ion: 119 Resp: 516970
Ion Ratio Lower Upper
119 100
134 26.3 20.6 31.0
91 37.5 25.3 37.9





#72

4-Ethyltoluene

Concen: 0.366 ppbv

RT: 15.88 min Scan# 4073

Delta R.T. 0.00 min

Lab File: VL034747.D

Acq: 28 Feb 2020 21:48

Instrument :

MSVOA_L

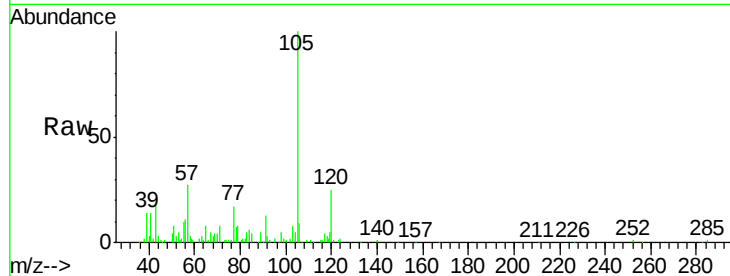
ClientSampleId :

SG-7-TEACHER-WORKROOM

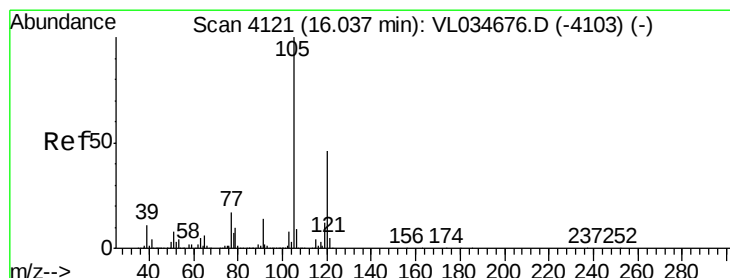
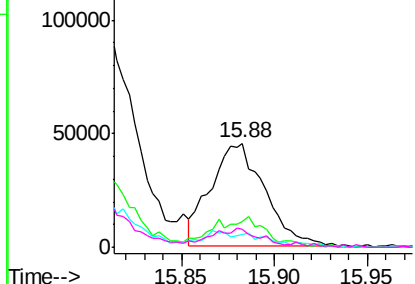
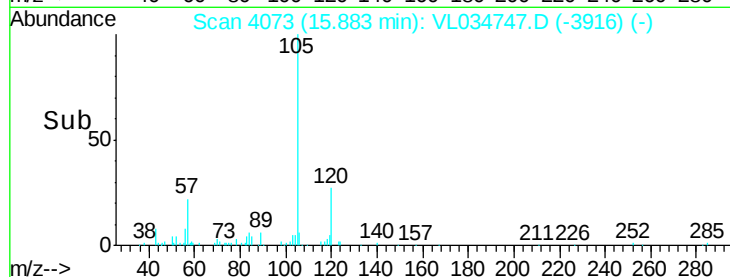
Tot Ion:	105	Resp:	92485
Ion Ratio	Lower	Upper	
105	100		
120	29.4	23.7	35.5
91	16.8	10.9	16.3#
77	18.5	12.2	18.2#

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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



#73

1,3,5-Trimethylbenzene

Concen: 0.360 ppbv m

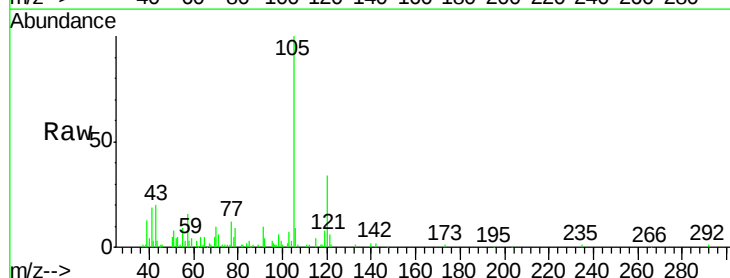
RT: 16.05 min Scan# 4124

Delta R.T. 0.01 min

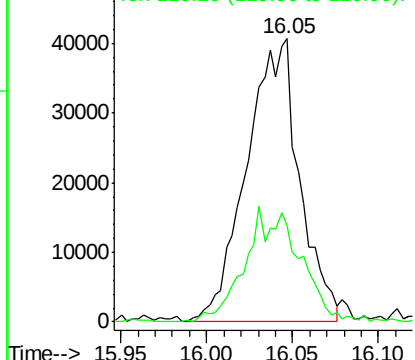
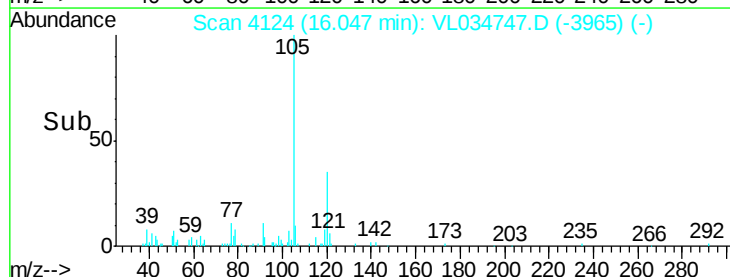
Lab File: VL034747.D

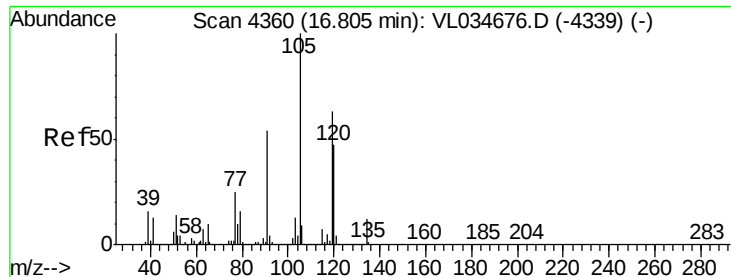
Acq: 28 Feb 2020 21:48

Tgt Ion:	105	Resp:	87546
Ion Ratio	Lower	Upper	
105	100		
120	34.1	37.1	55.7#



Abundance Ion 105.10 (104.80 to 105.80): V
Ion 120.20 (119.90 to 120.90): V





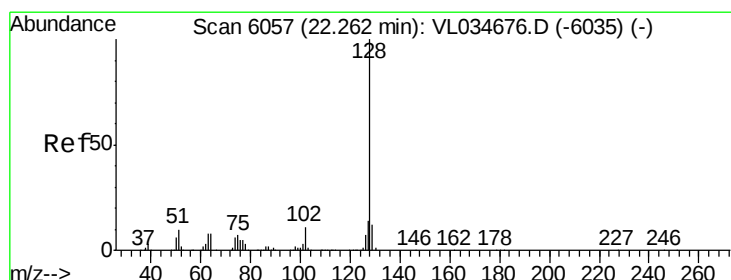
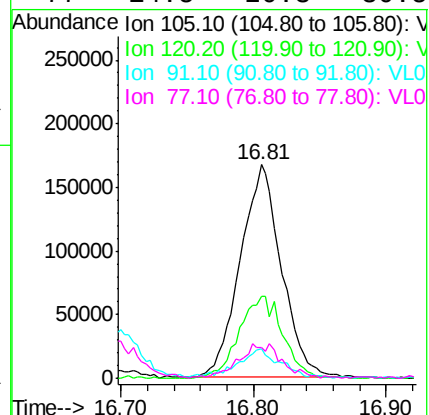
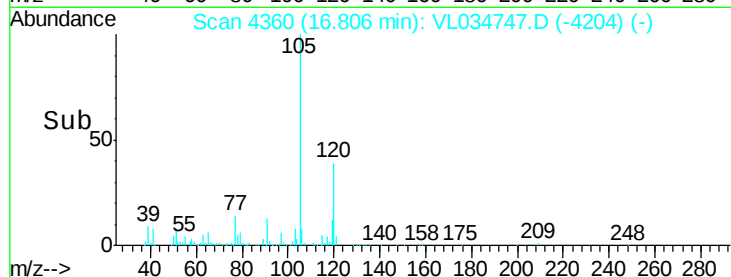
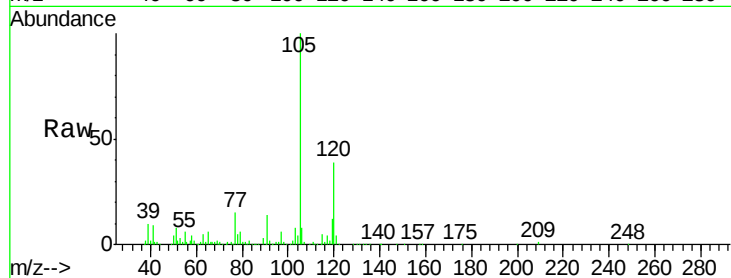
#74
 1,2,4-Trimethylbenzene
 Concen: 1.343 ppbv
 RT: 16.81 min Scan# 4360
 Delta R.T. 0.00 min
 Lab File: VL034747.D
 Acq: 28 Feb 2020 21:48

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-7-TEACHER-WORKROOM

Tot Ion	Ratio	Resp	Lower	Upper
105	100			
120	38.6	37.9	56.9	
91	13.0	43.9	65.9	#
77	14.5	20.3	30.5	#

Manual Integrations
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 3/2/2020 1:01:40 PM



#79
 Naphthalene
 Concen: 0.329 ppbv m
 RT: 22.26 min Scan# 6057
 Delta R.T. 0.00 min
 Lab File: VL034747.D
 Acq: 28 Feb 2020 21:48

Tgt Ion	Ratio	Resp	Lower	Upper
128	100			
127	16.1	11.0	16.6	
129	10.2	9.4	14.2	

