

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL022820\
 Data File : VL034748.D
 Acq On : 28 Feb 2020 22:27
 Operator : SY/AP
 Sample : L1661-07DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

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

Manual Integrations
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Quant Time: Mar 02 12:19:47 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	1025773	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2136242	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.12	117	2090281	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.46	95	1751245	10.22	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.20%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.57	45	268070	18.338	ppbv	96
15) Acetone	3.83	43	241149	2.063	ppbv	98
17) tert-Butyl alcohol	4.29	59	45738	0.511	ppbv #	90
19) Isopropyl Alcohol	3.95	45	449983	6.463	ppbv	100
31) cis-1,2-Dichloroethene	5.54	61	13395m	0.143	ppbv	
38) Trichloroethene	7.84	130	86050	1.210	ppbv	93
53) Toluene	9.83	91	52792m	0.269	ppbv	

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

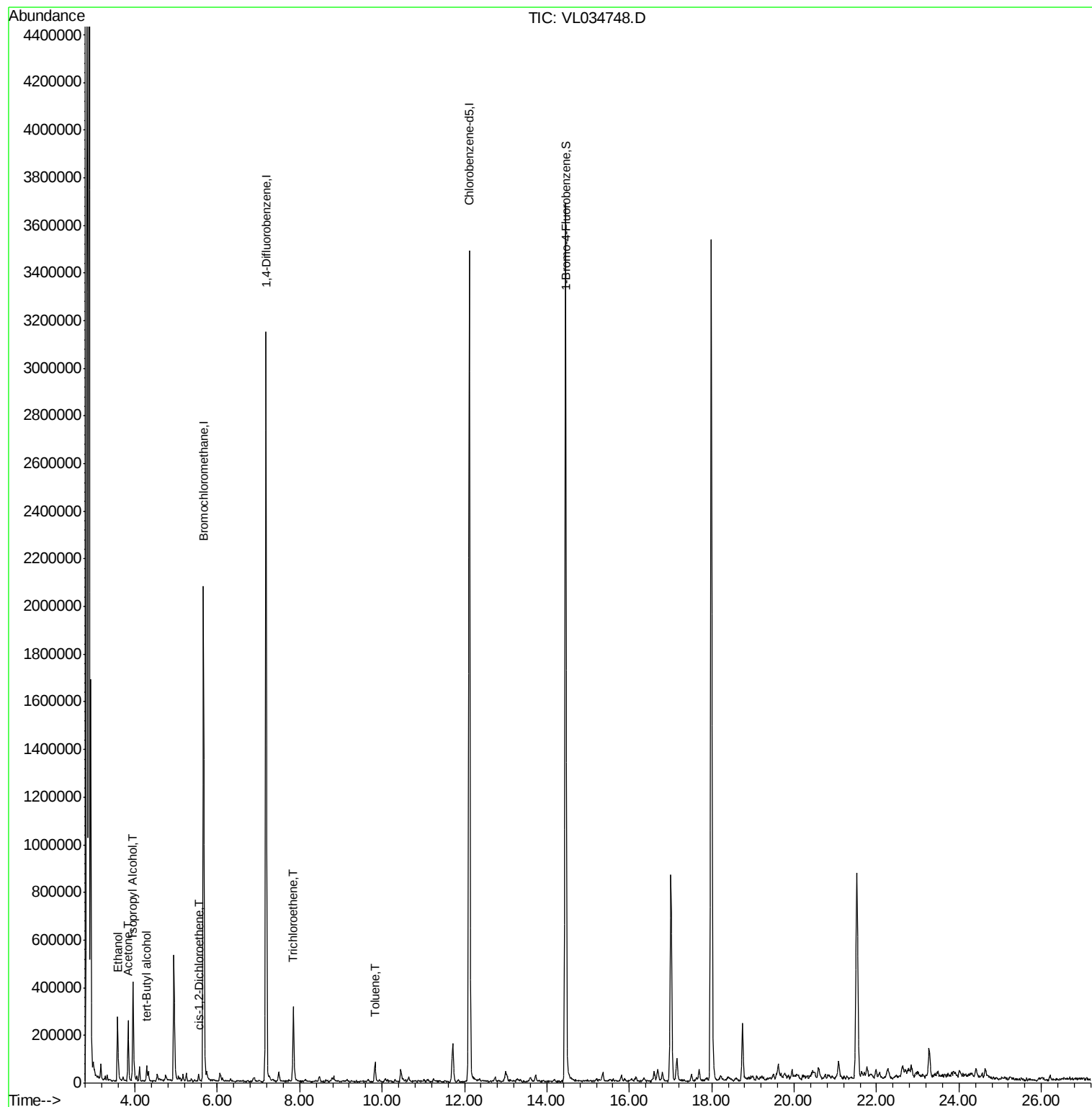
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL022820\
Data File : VL034748.D
Acq On : 28 Feb 2020 22:27
Operator : SY/AP
Sample : L1661-07DL 10X
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

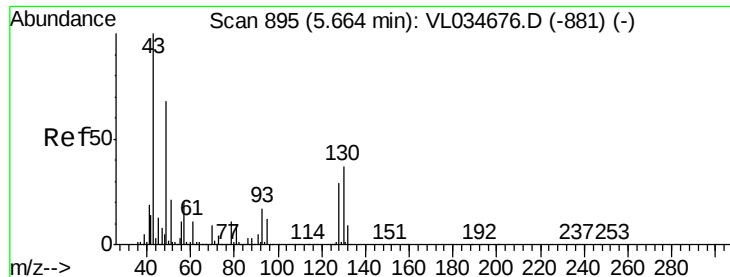
Instrument :
MSVOA_L
ClientSampleId :
SG-7-TEACHER-WORKROOMDL

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Quant Time: Mar 02 12:19:47 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL022620AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Feb
QLast Update : Fri Feb 28 01:15:02 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 894

Delta R.T. -0.00 min

Lab File: VL034748.D

Acq: 28 Feb 2020 22:27

Instrument :

MSVOA_L

ClientSampleId :

SG-7-TEACHER-WORKROOMDL

Tot Ion: 49 Resp: 1025773

Ion Ratio Lower Upper

49 100

128 44.5 21.6 65.0

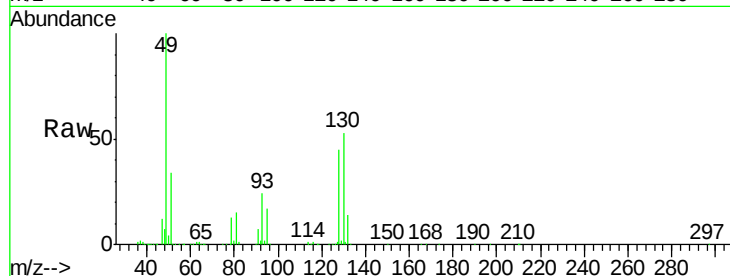
130 55.4 27.7 83.1

Manual Integrations

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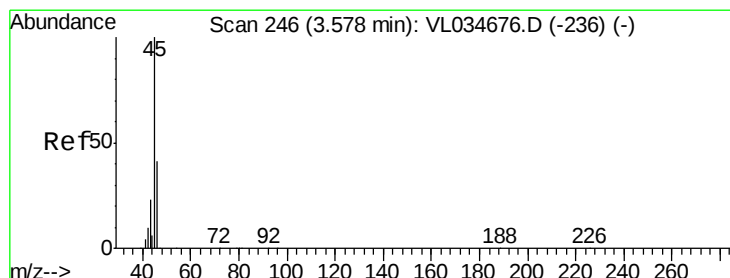
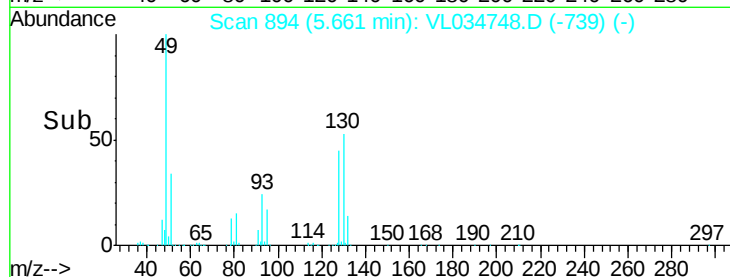
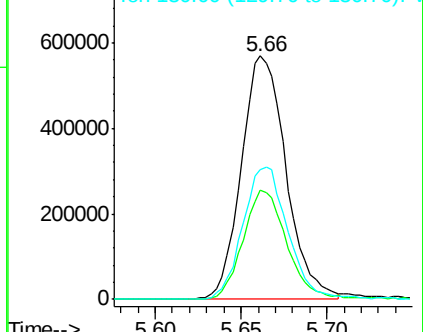
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#13

Ethanol

Concen: 18.338 ppbv

RT: 3.57 min Scan# 245

Delta R.T. -0.00 min

Lab File: VL034748.D

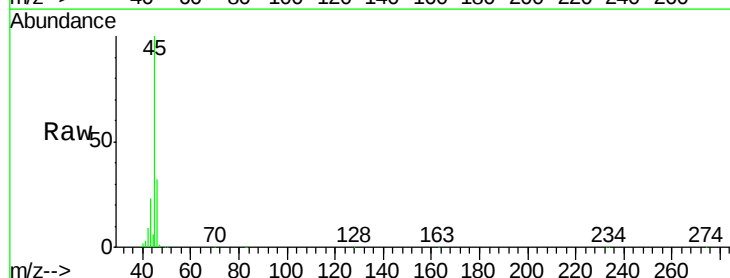
Acq: 28 Feb 2020 22:27

Tgt Ion: 45 Resp: 268070

Ion Ratio Lower Upper

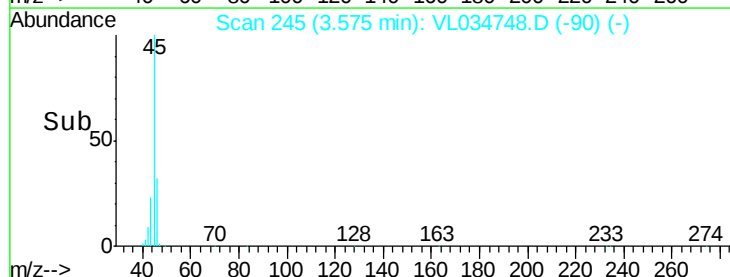
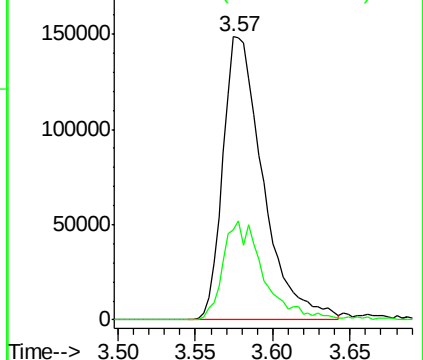
45 100

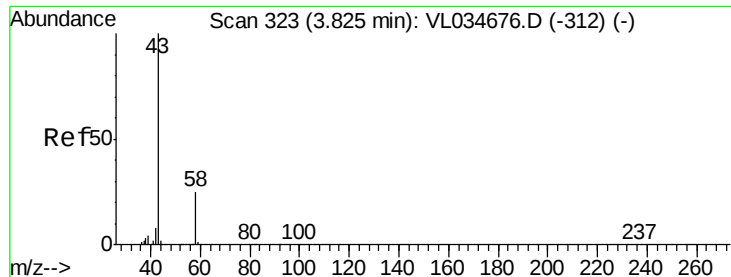
46 35.8 15.4 61.4



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0





#15

Acetone

Concen: 2.063 ppbv

RT: 3.83 min Scan# 325

Delta R.T. 0.01 min

Lab File: VL034748.D

Acq: 28 Feb 2020 22:27

Instrument :

MSVOA_L

ClientSampleId :

SG-7-TEACHER-WORKROOMDL

Tot Ion: 43 Resp: 241149

Ion Ratio Lower Upper

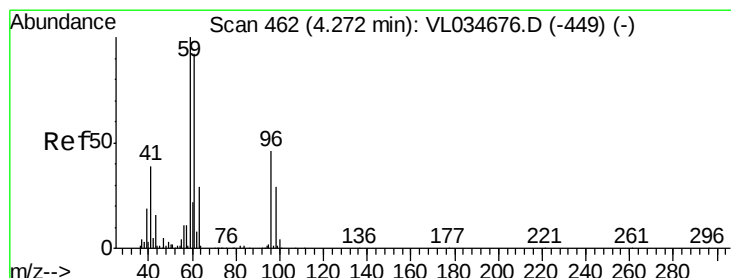
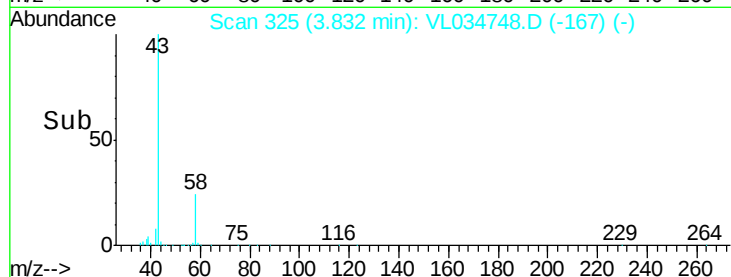
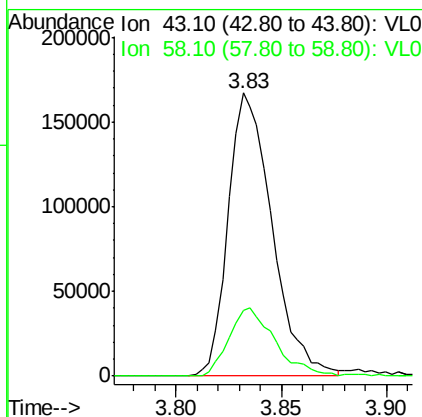
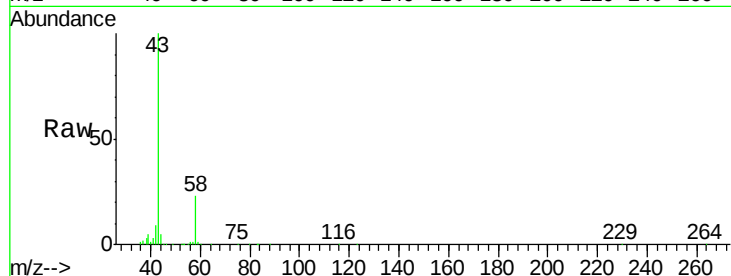
43 100

58 25.8 21.4 32.0

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#17

tert-Butyl alcohol

Concen: 0.511 ppbv

RT: 4.29 min Scan# 466

Delta R.T. 0.01 min

Lab File: VL034748.D

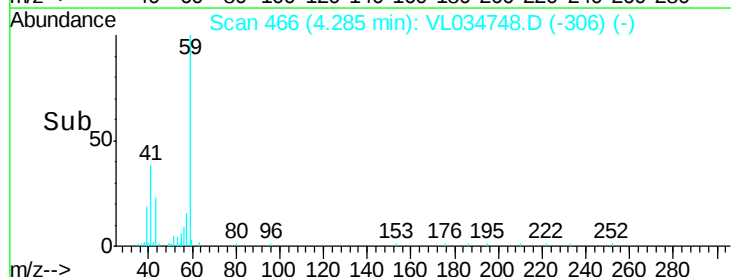
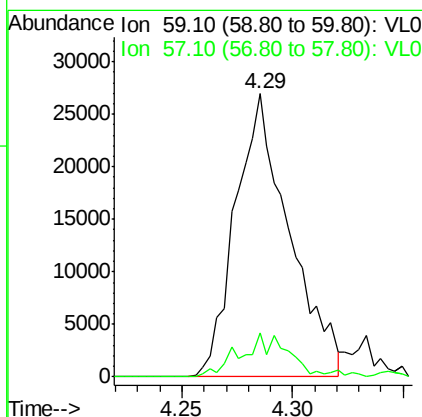
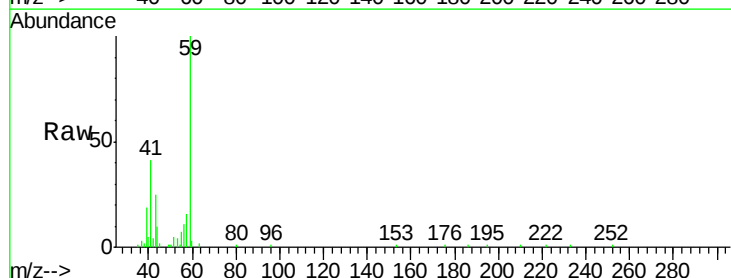
Acq: 28 Feb 2020 22:27

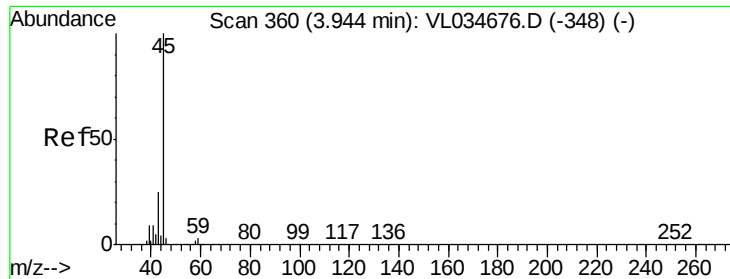
Tgt Ion: 59 Resp: 45738

Ion Ratio Lower Upper

59 100

57 14.8 8.8 13.2#





#19

Isopropyl Alcohol

Concen: 6.463 ppbv

RT: 3.95 min Scan# 362

Delta R.T. 0.01 min

Lab File: VL034748.D

Acq: 28 Feb 2020 22:27

Instrument :

MSVOA_L

ClientSampleId :

SG-7-TEACHER-WORKROOMDL

Tot Ion: 45 Resp: 449983

Ion Ratio Lower Upper

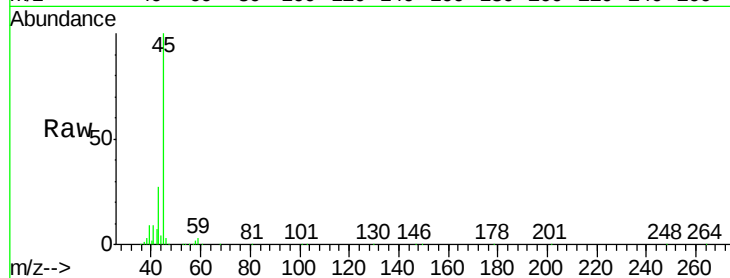
45 100

58 2.3 1.8 2.6

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Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

3.95

250000

200000

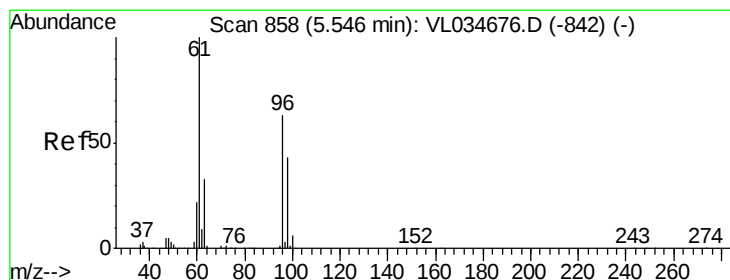
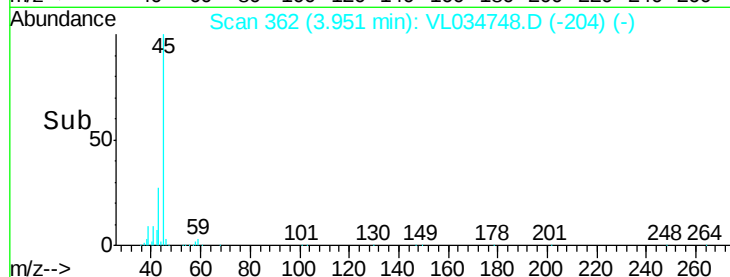
150000

100000

50000

0

Time-->



#31

cis-1,2-Dichloroethene

Concen: 0.143 ppbv m

RT: 5.54 min Scan# 855

Delta R.T. -0.01 min

Lab File: VL034748.D

Acq: 28 Feb 2020 22:27

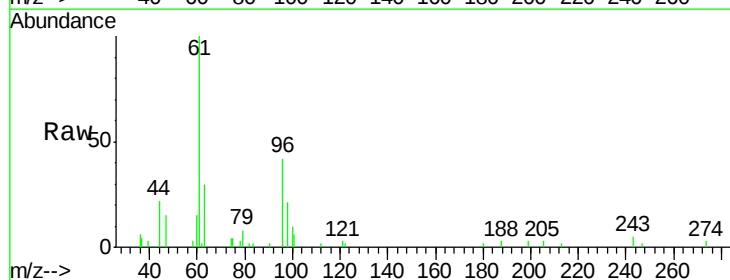
Tgt Ion: 61 Resp: 13395

Ion Ratio Lower Upper

61 100

96 41.9 50.2 75.2#

98 21.4 34.3 51.5#



Abundance Ion 61.10 (60.80 to 61.80): VL0

Ion 96.00 (95.70 to 96.70): VL0

Ion 98.00 (97.70 to 98.70): VL0

5.54

12000

10000

8000

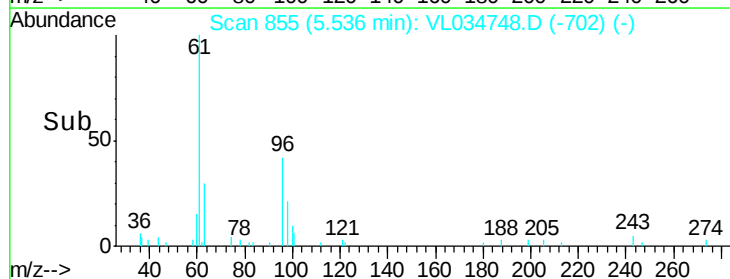
6000

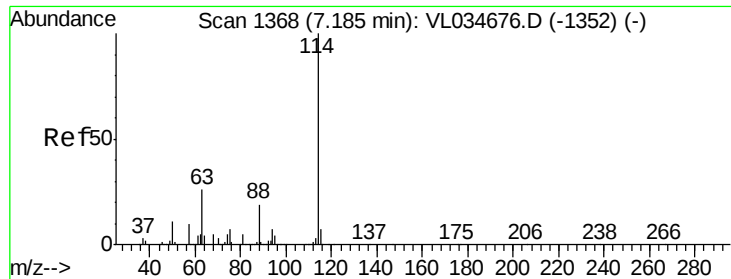
4000

2000

0

Time-->





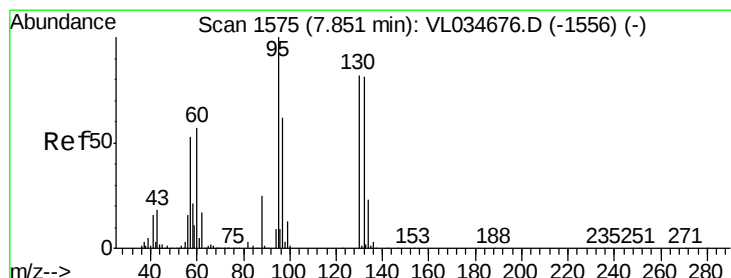
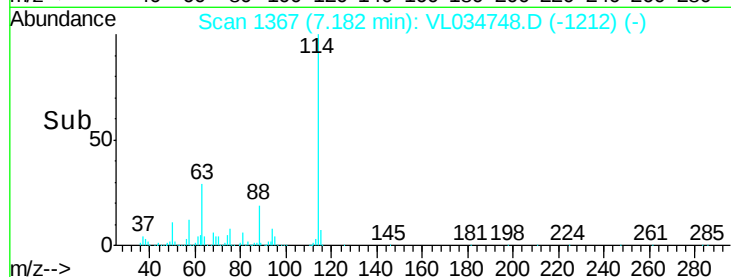
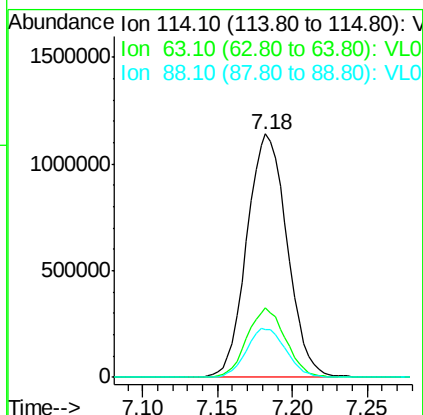
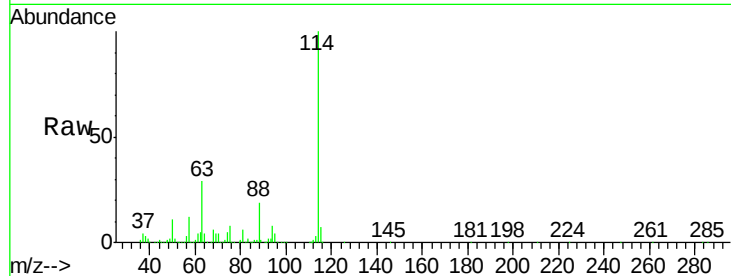
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18 min Scan# 1367
 Delta R.T. -0.00 min
 Lab File: VL034748.D
 Acq: 28 Feb 2020 22:27

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

Tot Ion	Ratio	Lower	Upper
114	100		
63	27.6	22.9	34.3
88	19.7	15.8	23.6

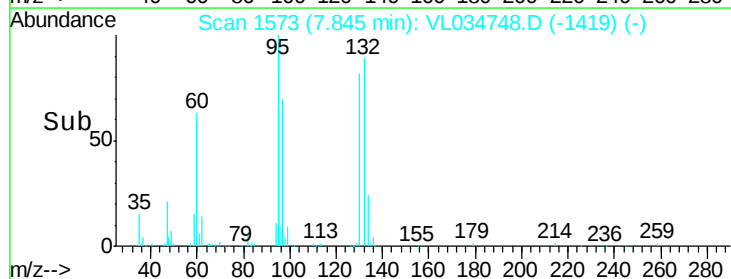
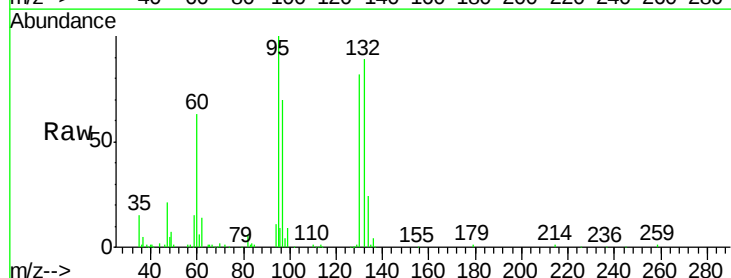
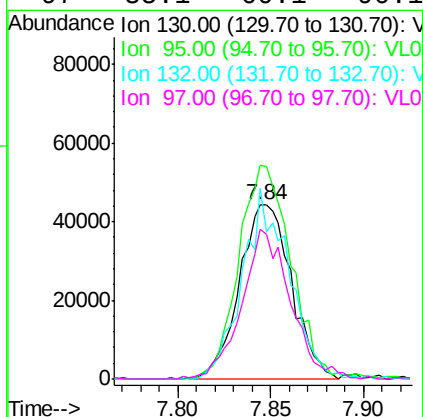
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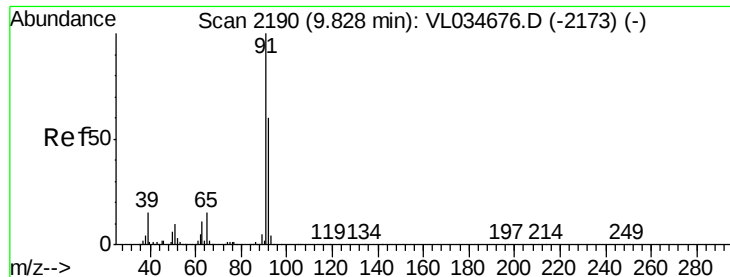
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#38
 Trichloroethene
 Concen: 1.210 ppbv
 RT: 7.84 min Scan# 1573
 Delta R.T. -0.01 min
 Lab File: VL034748.D
 Acq: 28 Feb 2020 22:27

Tgt Ion	Ratio	Lower	Upper
130	100		
95	122.0	97.1	145.7
132	109.3	78.3	117.5
97	85.1	60.1	90.1





#53

Toluene

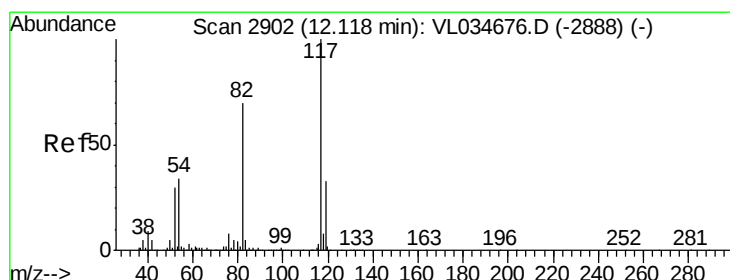
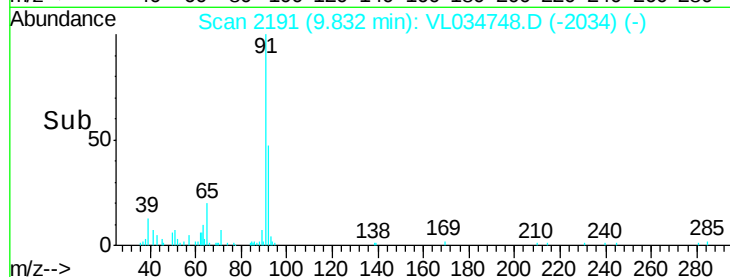
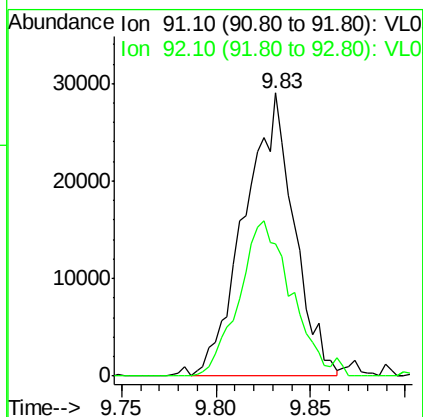
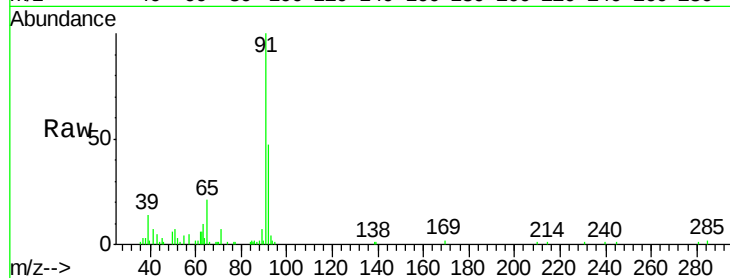
Concen: 0.269 ppbv m
RT: 9.83 min Scan# 2191
Delta R.T. 0.00 min
Lab File: VL034748.D
Acq: 28 Feb 2020 22:27

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

Tot Ion: 91 Resp: 52792
Ion Ratio Lower Upper
91 100
92 58.3 48.5 72.7

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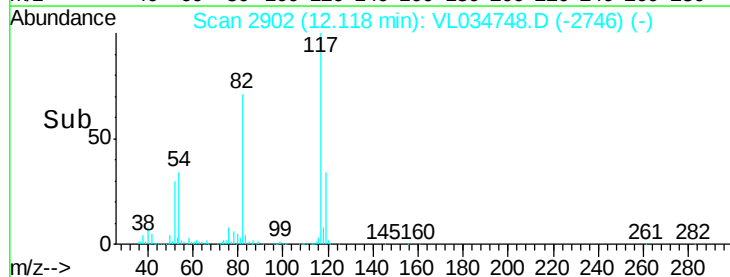
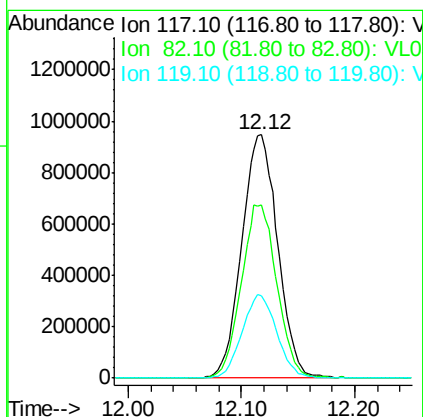
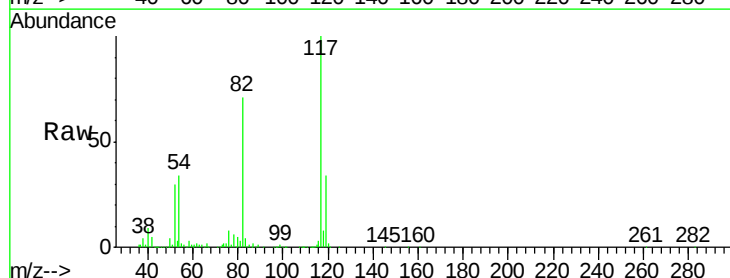


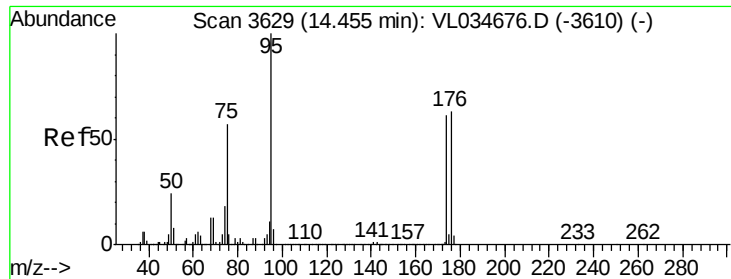
#55

Chlorobenzene-d5

Concen: 10.000 ppbv
RT: 12.12 min Scan# 2902
Delta R.T. 0.00 min
Lab File: VL034748.D
Acq: 28 Feb 2020 22:27

Tgt Ion: 117 Resp: 2090281
Ion Ratio Lower Upper
117 100
82 70.7 54.1 81.1
119 33.2 27.6 41.4





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.218 ppbv
 RT: 14.46 min Scan# 3629
 Delta R.T. 0.00 min
 Lab File: VL034748.D
 Acq: 28 Feb 2020 22:27

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

Tot Ion	Ratio	Lower	Upper
95	100		
174	63.8	50.7	76.1
175	4.7	3.9	5.9

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