

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL022720\
 Data File : VL034717.D
 Acq On : 27 Feb 2020 20:33
 Operator : SY/AP
 Sample : L1662-05DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IAS-5-TEACHERS-ROOMDL

Manual Integrations
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Quant Time: Feb 28 02:52:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL022620AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Feb 26 06:58:15 2020
 QLast Update : Wed Feb 26 06:58:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1090548	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	2165389	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.12	117	2160808	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.46	95	1842445	10.40	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.00%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	2.99	41	8538m	0.174	ppbv	
13) Ethanol	3.58	45	499150	32.118	ppbv	97
15) Acetone	3.84	43	136016	1.095	ppbv	99
19) Isopropyl Alcohol	3.96	45	75663m	1.022	ppbv	
20) Methylene Chloride	4.34	84	25340m	0.548	ppbv	
26) Hexane	5.69	57	15535m	0.153	ppbv	
53) Toluene	9.83	91	71424m	0.359	ppbv	

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

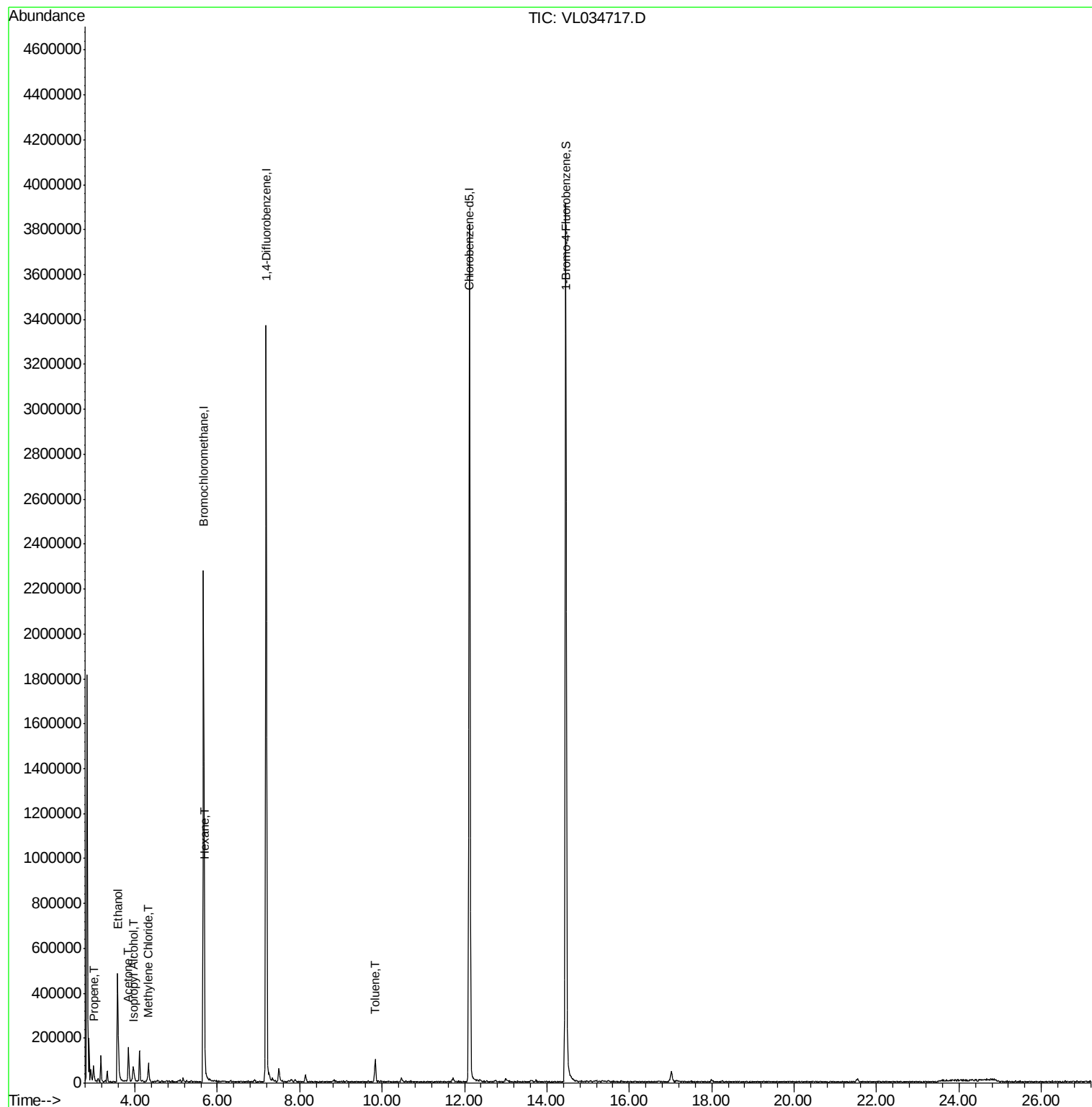
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL022720\
Data File : VL034717.D
Acq On : 27 Feb 2020 20:33
Operator : SY/AP
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Misc : 400ml/MSVOA L
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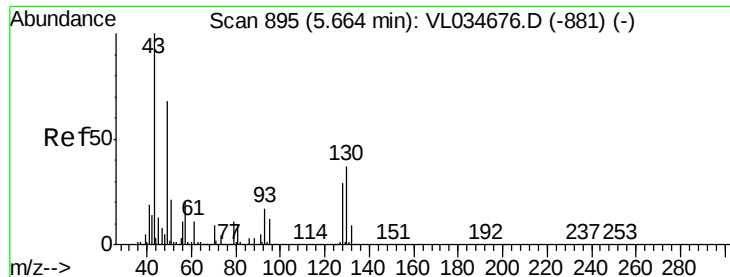
Instrument :
MSVOA_L
ClientSampleId :
IAS-5-TEACHERS-ROOMDL

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL022620AIR.M
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QLast Update : Wed Feb 26 06:58:15 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 895

Delta R.T. -0.00 min

Lab File: VL034717.D

Acq: 27 Feb 2020 20:33

Instrument :

MSVOA_L

ClientSampleId :

IAS-5-TEACHERS-ROOMDL

Tot Ion: 49 Resp: 1090548

Ion Ratio Lower Upper

49 100

128 43.2 21.6 65.0

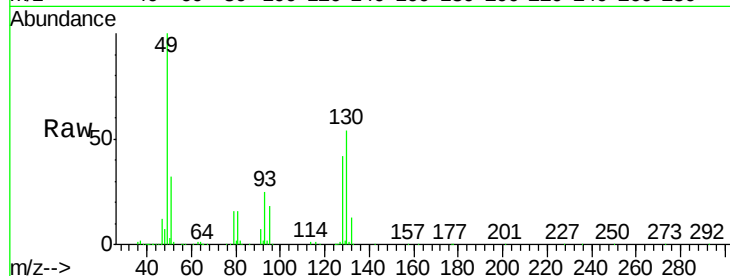
130 55.0 27.7 83.1

Manual Integrations

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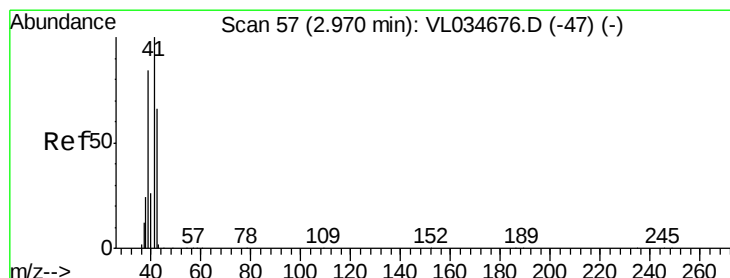
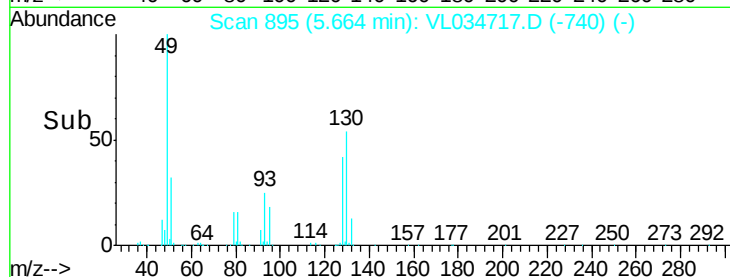
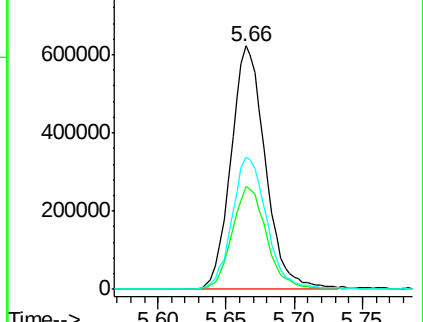
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#9

Propene

Concen: 0.174 ppbv m

RT: 2.99 min Scan# 64

Delta R.T. 0.02 min

Lab File: VL034717.D

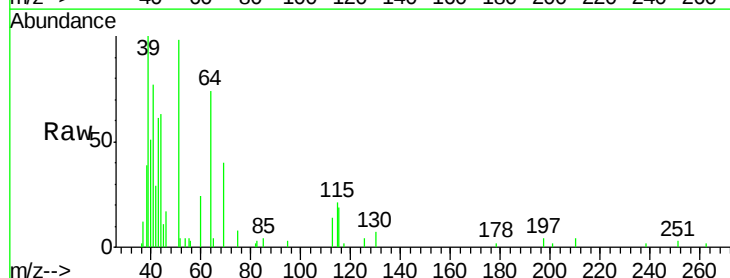
Acq: 27 Feb 2020 20:33

Tgt Ion: 41 Resp: 8538

Ion Ratio Lower Upper

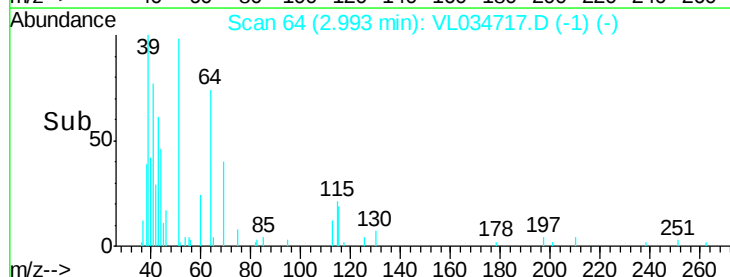
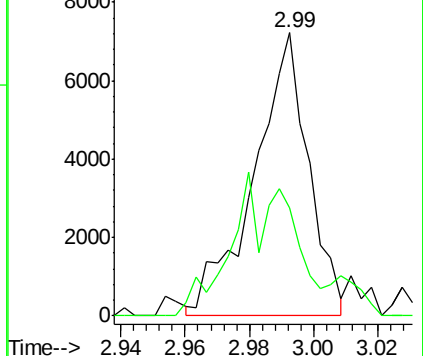
41 100

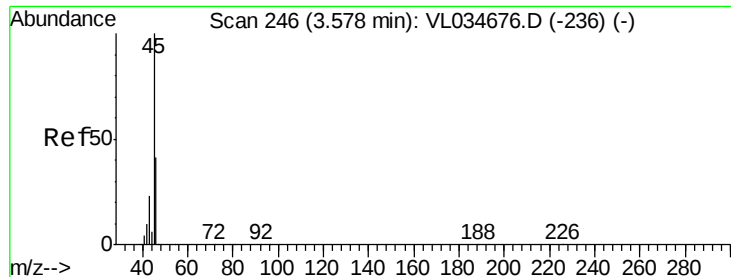
42 228.8 54.9 82.3#



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0





#13

Ethanol

Concen: 32.118 ppbv

RT: 3.58 min Scan# 246

Delta R.T. -0.00 min

Lab File: VL034717.D

Acq: 27 Feb 2020 20:33

Instrument :

MSVOA_L

ClientSampleId :

IAS-5-TEACHERS-ROOMDL

Tot Ion: 45 Resp: 499150

Ion Ratio Lower Upper

45 100

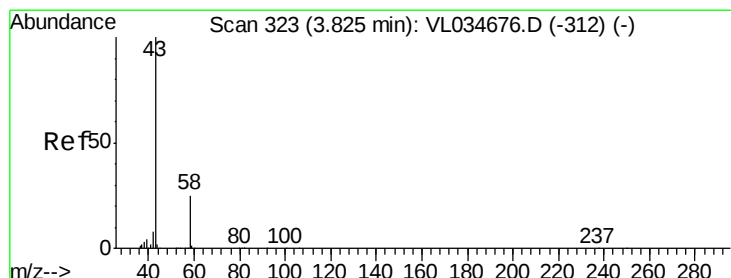
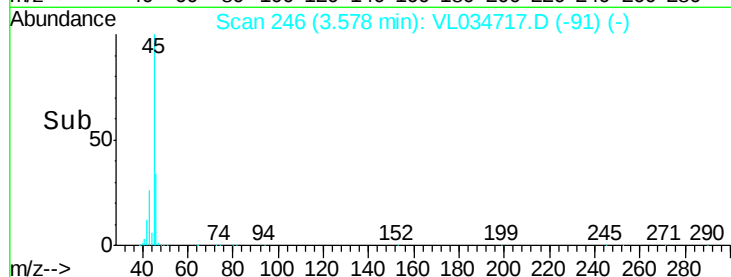
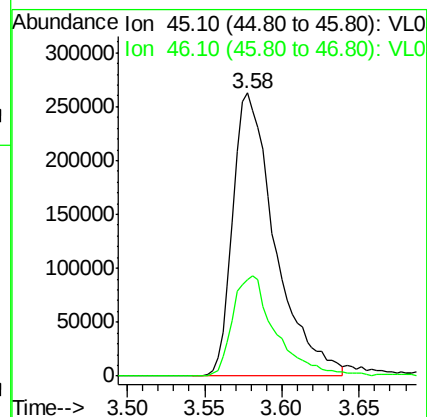
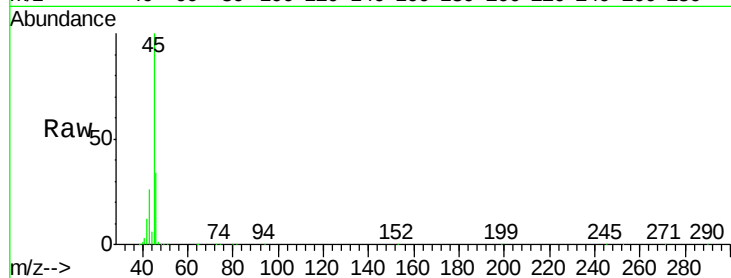
46 36.7 15.4 61.4

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#15

Acetone

Concen: 1.095 ppbv

RT: 3.84 min Scan# 327

Delta R.T. 0.01 min

Lab File: VL034717.D

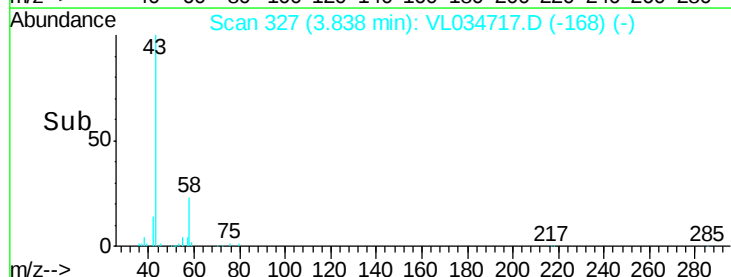
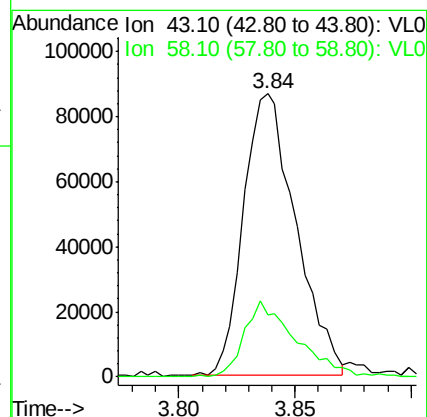
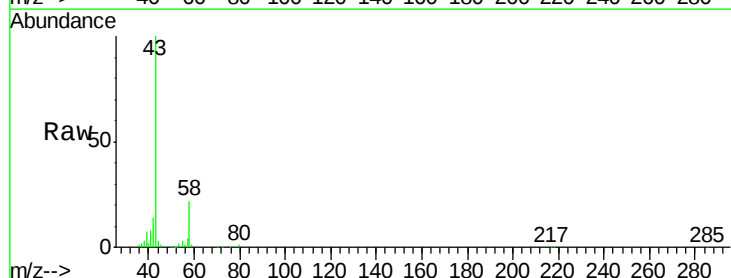
Acq: 27 Feb 2020 20:33

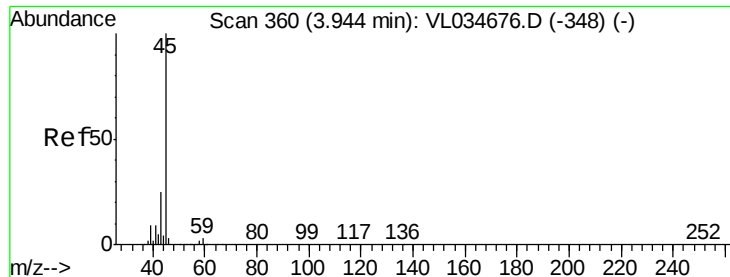
Tgt Ion: 43 Resp: 136016

Ion Ratio Lower Upper

43 100

58 27.0 21.4 32.0





#19

Isopropyl Alcohol

Concen: 1.022 ppbv m

RT: 3.96 min Scan# 365

Delta R.T. 0.02 min

Lab File: VL034717.D

Acq: 27 Feb 2020 20:33

Instrument :

MSVOA_L

ClientSampleId :

IAS-5-TEACHERS-ROOMDL

Tot Ion: 45 Resp: 75663

Ion Ratio Lower Upper

45 100

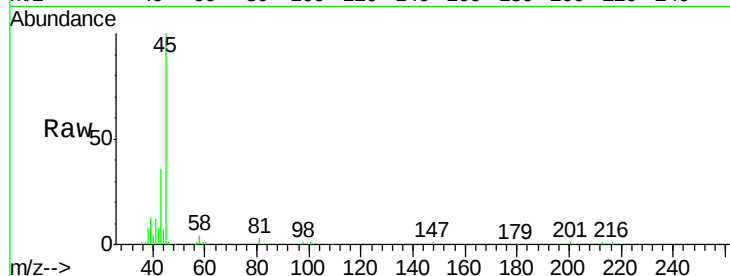
58 5.2 1.8 2.6#

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Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

3.96

40000

30000

20000

10000

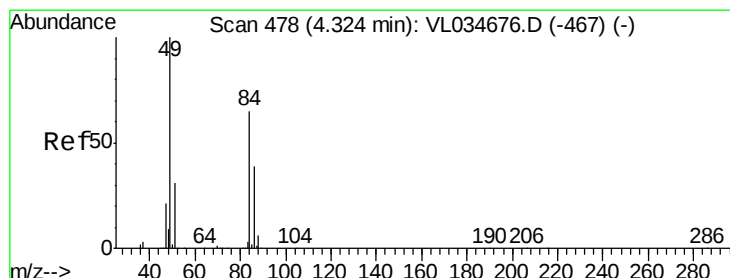
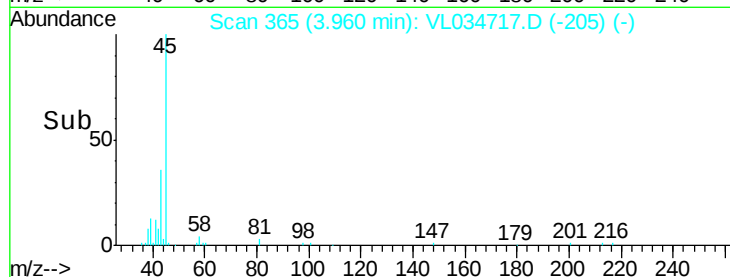
0

Time-->

3.90

3.95

4.00



#20

Methylene Chloride

Concen: 0.548 ppbv m

RT: 4.34 min Scan# 482

Delta R.T. 0.01 min

Lab File: VL034717.D

Acq: 27 Feb 2020 20:33

Tgt Ion: 84 Resp: 25340

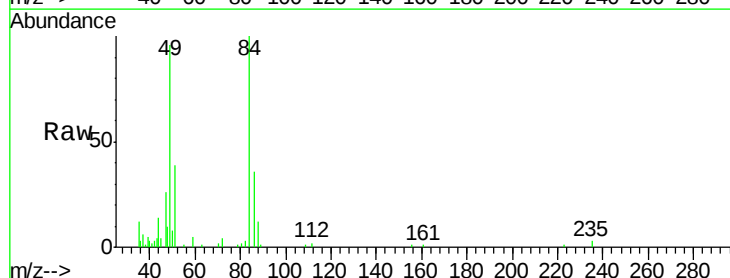
Ion Ratio Lower Upper

84 100

49 96.1 122.8 184.2#

51 39.4 38.6 58.0

86 35.8 47.7 71.5#



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

40000

30000

20000

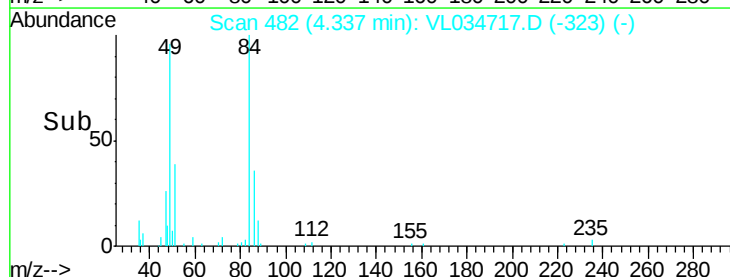
10000

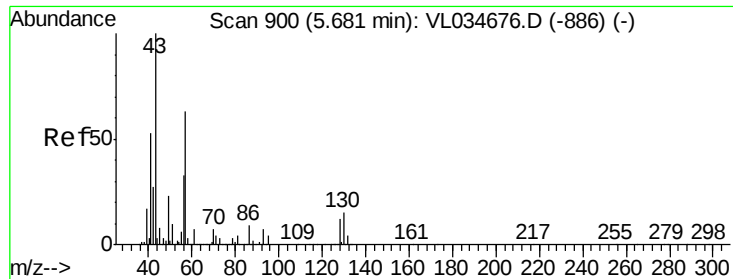
0

Time-->

4.30

4.35





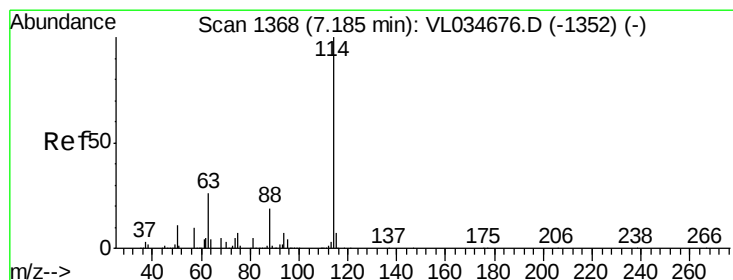
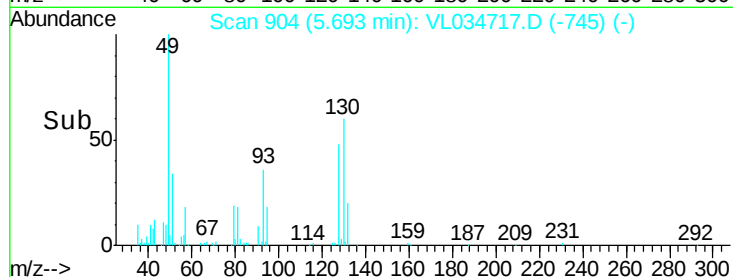
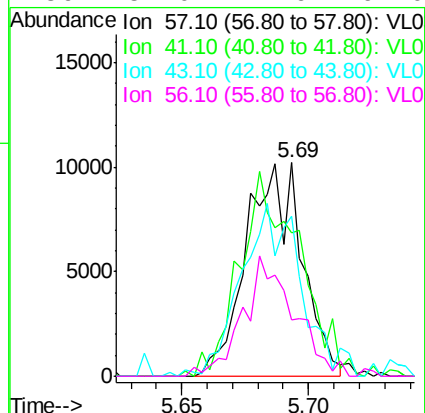
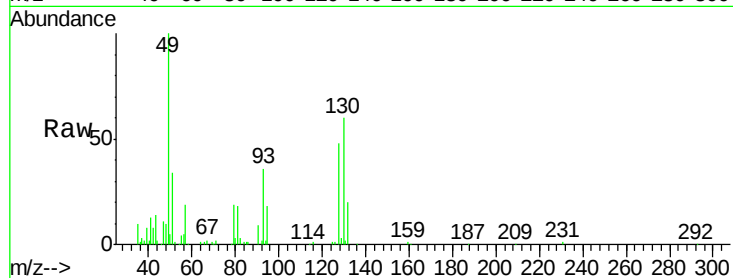
#26
Hexane
Concen: 0.153 ppbv m
RT: 5.69 min Scan# 904
Delta R.T. 0.01 min
Lab File: VL034717.D
Acq: 27 Feb 2020 20:33

Instrument :
MSVOA_L
ClientSampleId :
IAS-5-TEACHERS-ROOMDL

Tot Ion	Ratio	Lower	Upper
57	100		
41	103.5	70.3	105.5
43	87.2	177.0	265.4#
56	52.0	42.6	64.0

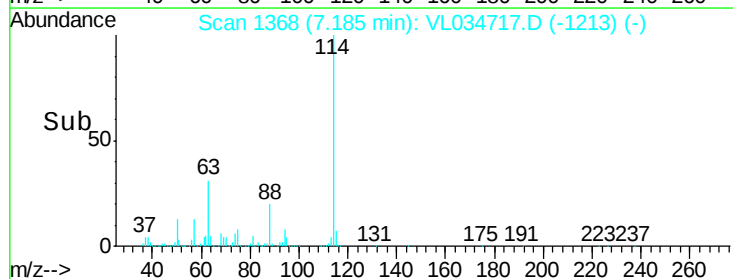
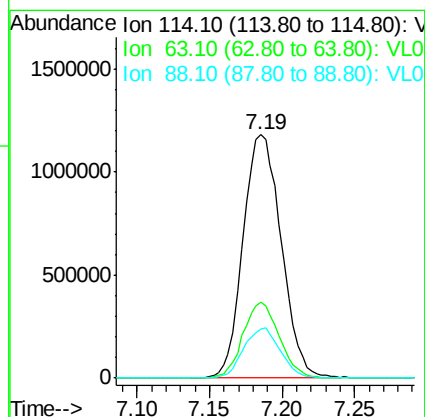
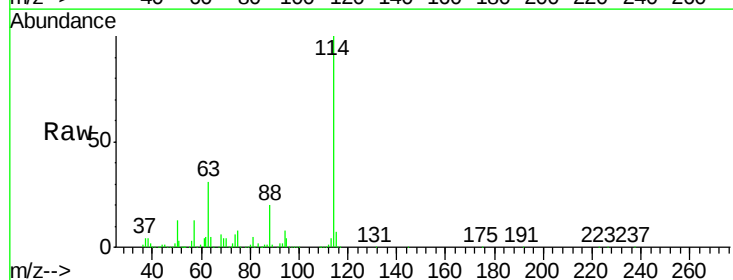
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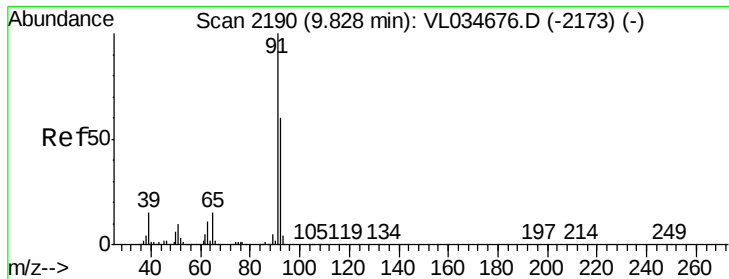
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.19 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VL034717.D
Acq: 27 Feb 2020 20:33

Tgt Ion	Ratio	Lower	Upper
114	100		
63	29.8	22.9	34.3
88	19.9	15.8	23.6





#53

Toluene

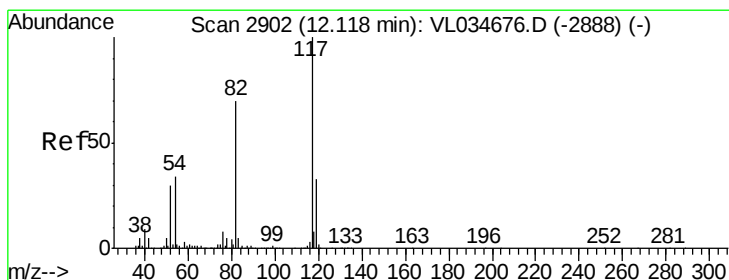
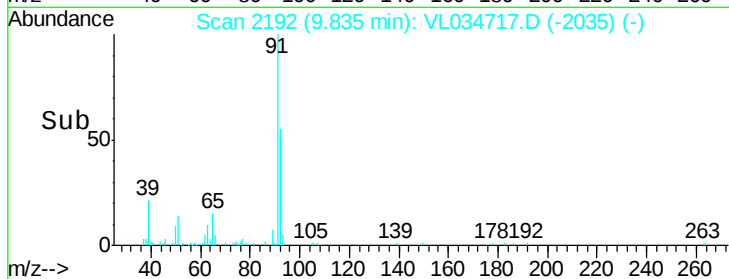
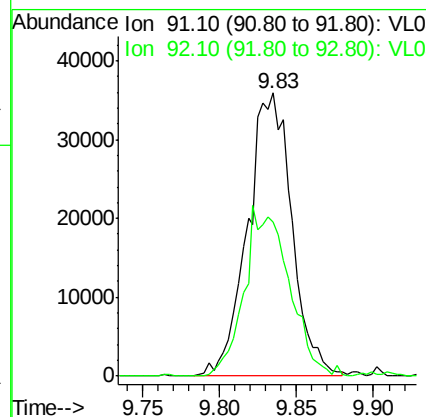
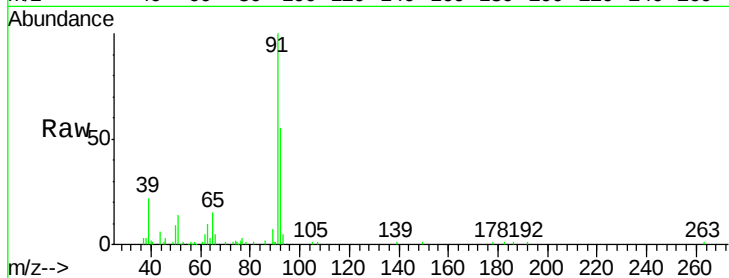
Concen: 0.359 ppbv m
RT: 9.83 min Scan# 2192
Delta R.T. 0.01 min
Lab File: VL034717.D
Acq: 27 Feb 2020 20:33

Instrument :
MSVOA_L
ClientSampleId :
IAS-5-TEACHERS-ROOMDL

Tot Ion	Ion	Ratio	Lower	Upper
91	100			
92	61.1	48.5	72.7	

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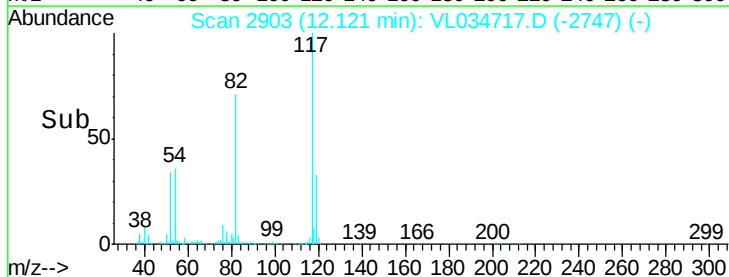
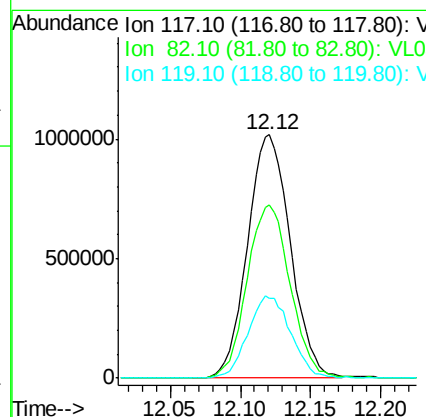
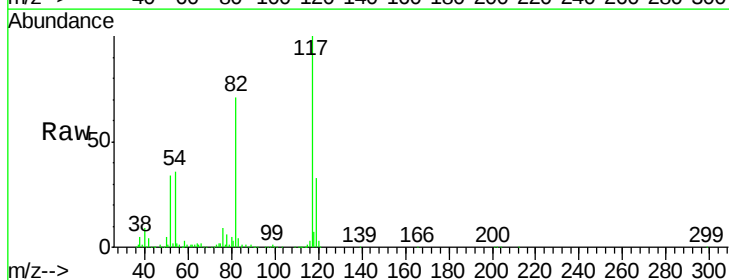


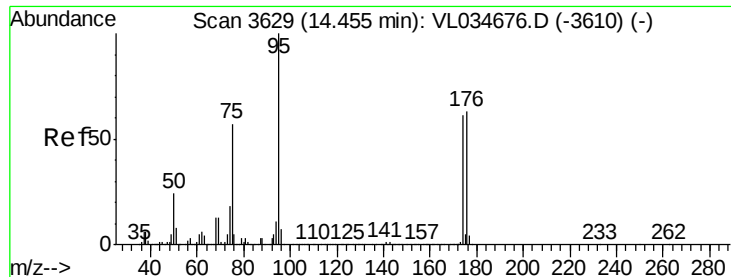
#55

Chlorobenzene-d5

Concen: 10.000 ppbv
RT: 12.12 min Scan# 2903
Delta R.T. 0.00 min
Lab File: VL034717.D
Acq: 27 Feb 2020 20:33

Tgt Ion	Ion	Ratio	Lower	Upper
117	100			
82	72.3	54.1	81.1	
119	33.7	27.6	41.4	





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.399 ppbv
 RT: 14.46 min Scan# 3629
 Delta R.T. -0.00 min
 Lab File: VL034717.D
 Acq: 27 Feb 2020 20:33

Instrument :
 MSVOA_L
 ClientSampleId :
 IAS-5-TEACHERS-ROOMDL

Tot Ion: 95 Resp: 1842445
 Ion Ratio Lower Upper
 95 100
 174 62.7 50.7 76.1
 175 4.4 3.9 5.9

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