

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL030520\
Quantitation Report (Not Reviewed)

Data File : VL034815.D
Acq On : 6 Mar 2020 5:56
Operator : SY/AP
Sample : VIBLK
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Quant Time: Mar 06 08:00:08 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030420AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Mar 04 06:36:39 2020
QLast Update : Wed Mar 04 06:36:39 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	455654	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.18	114	1074590	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.11	117	1050134	10.00	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.45	95	829645	9.47	ppbv	-0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	94.70%

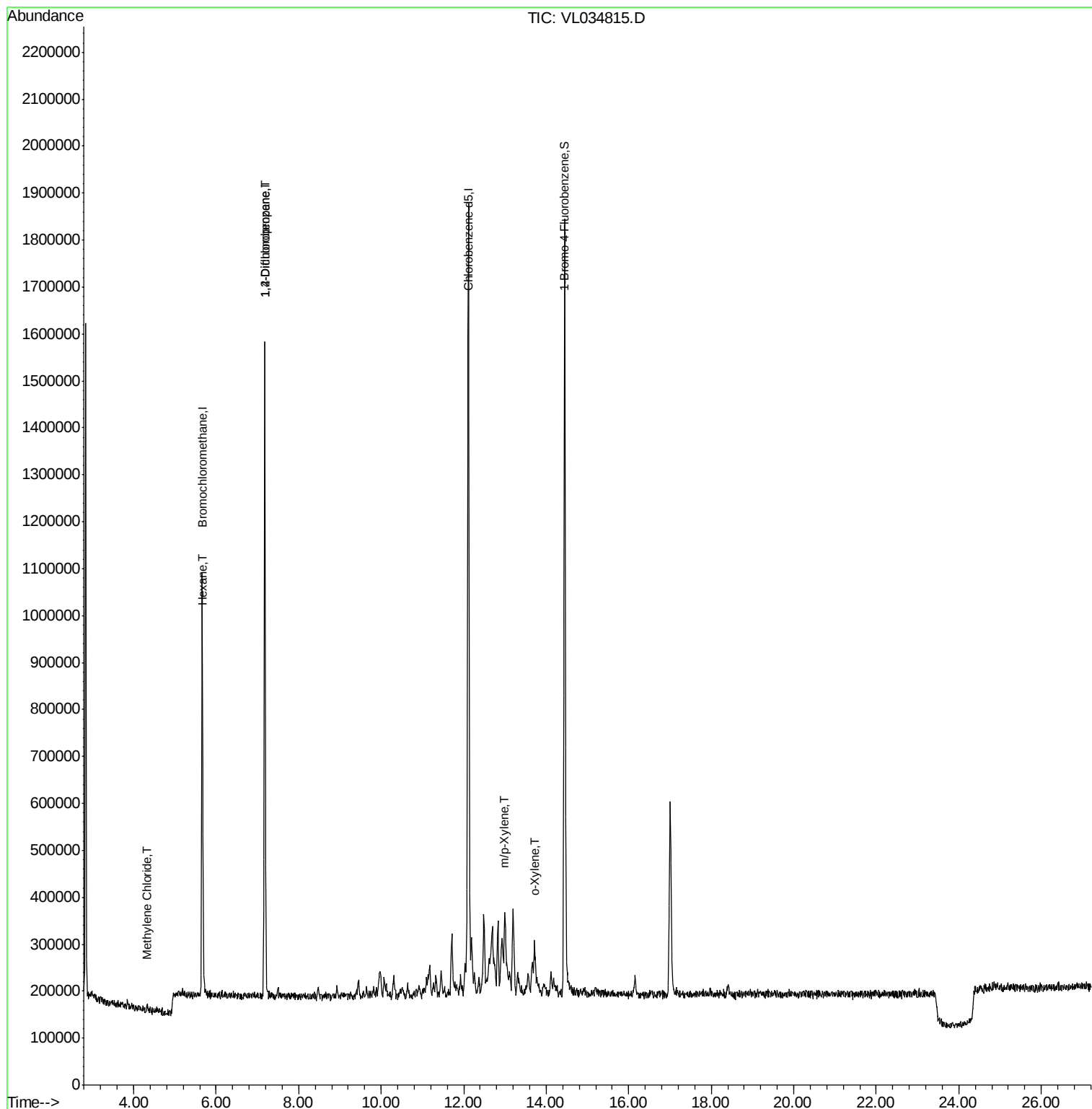
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	4.32	84	2035	0.104	ppbv #	67
26) Hexane	5.68	57	1315	0.032	ppbv #	24
39) 1,2-Dichloropropane	7.18	63	268041	7.233	ppbv #	22
59) m/p-Xylene	13.00	91	93760	0.837	ppbv	99
60) o-Xylene	13.72	91	19158	0.169	ppbv #	21

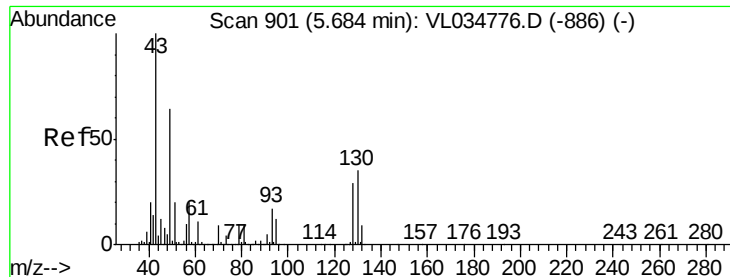
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 894

Delta R.T. -0.02 min

Lab File: VL034815.D

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MSVOA_L

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VIBLK

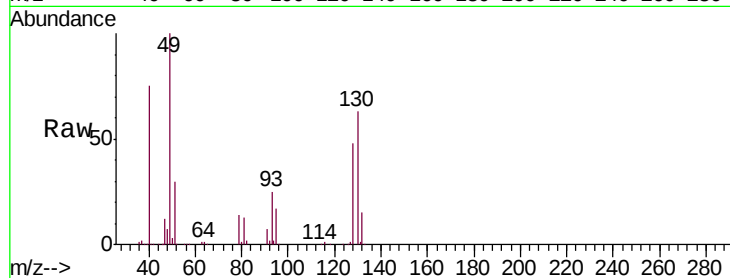
Tgt Ion: 49 Resp: 455654

Ion Ratio Lower Upper

49 100

128 48.7 21.6 64.6

130 62.9 27.4 82.2



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

5.66

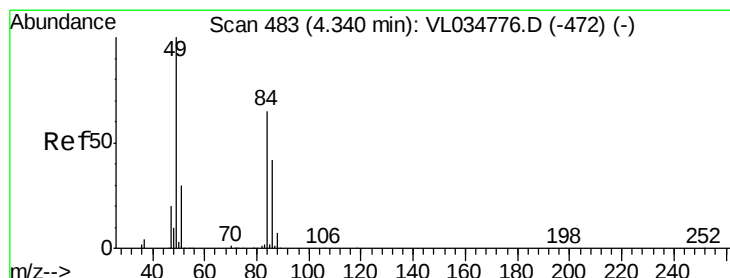
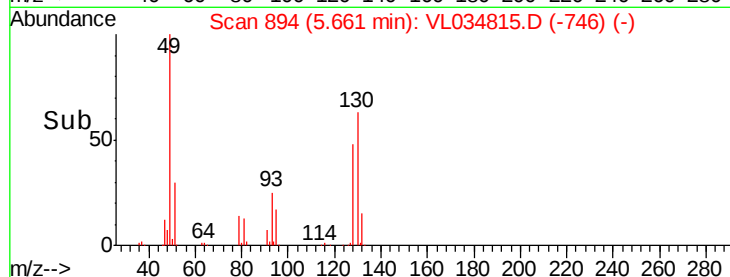
300000

200000

100000

0

Time-->



#20

Methylene Chloride

Concen: 0.104 ppbv

RT: 4.32 min Scan# 478

Delta R.T. -0.02 min

Lab File: VL034815.D

Acq: 6 Mar 2020 5:56

Tgt Ion: 84 Resp: 2035

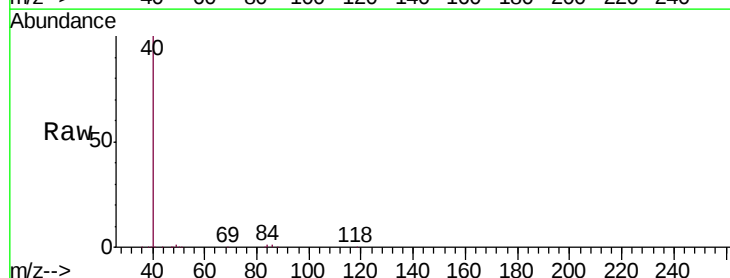
Ion Ratio Lower Upper

84 100

49 93.2 123.2 184.8#

51 30.5 37.4 56.2#

86 68.7 51.6 77.4



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

4.32

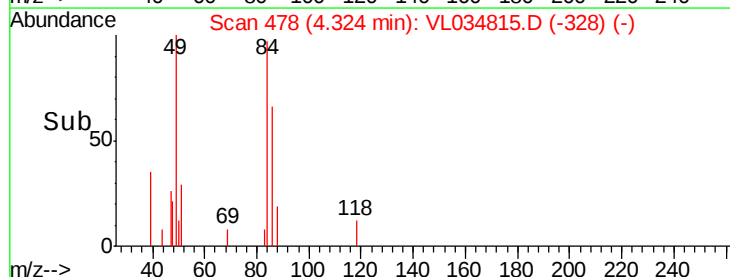
3000

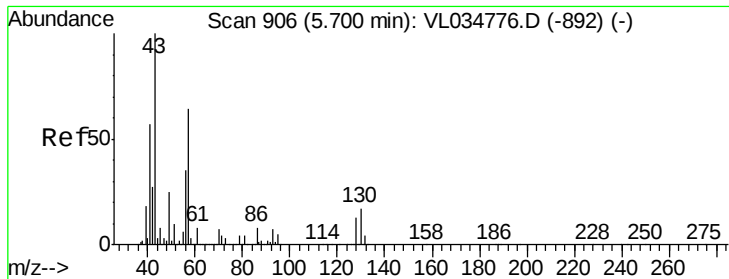
2000

1000

0

Time-->

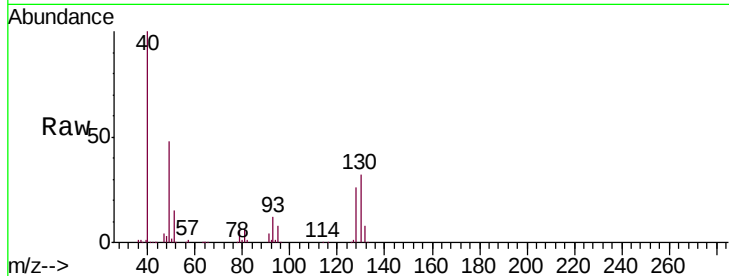




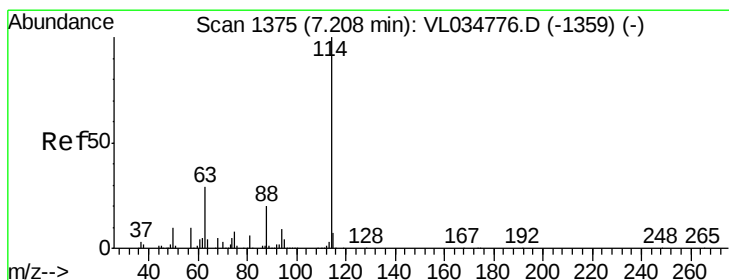
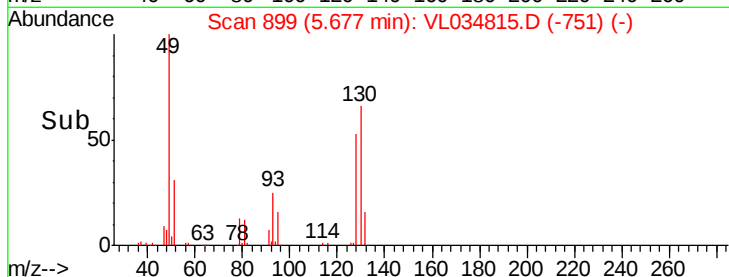
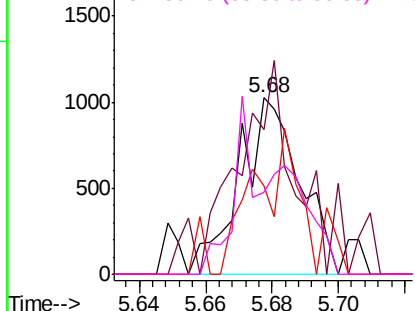
#26
Hexane
Concen: 0.032 ppbv
RT: 5.68 min Scan# 899
Delta R.T. -0.02 min
Lab File: VL034815.D
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Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tgt Ion: 57 Resp: 1315
Ion Ratio Lower Upper
57 100
41 143.9 72.0 108.0#
43 71.5 179.1 268.7#
56 77.4 42.6 63.8#

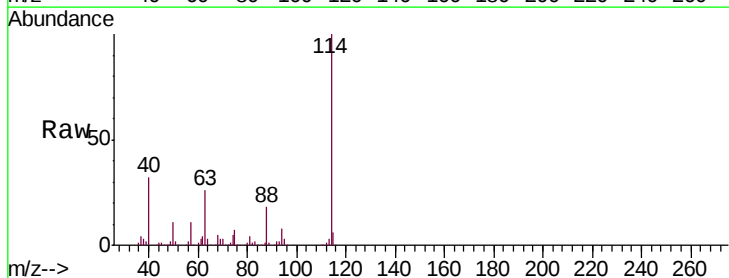


Abundance Ion 57.10 (56.80 to 57.80): VL0
Ion 41.10 (40.80 to 41.80): VL0
Ion 43.10 (42.80 to 43.80): VL0
Ion 56.10 (55.80 to 56.80): VL0

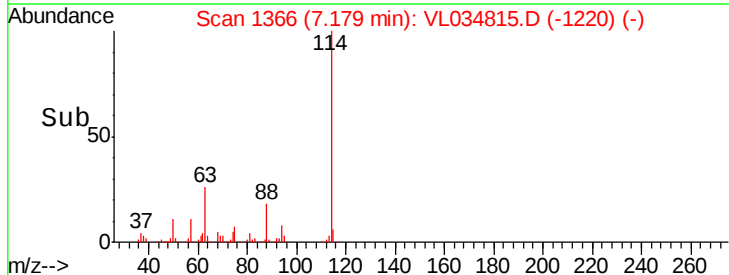
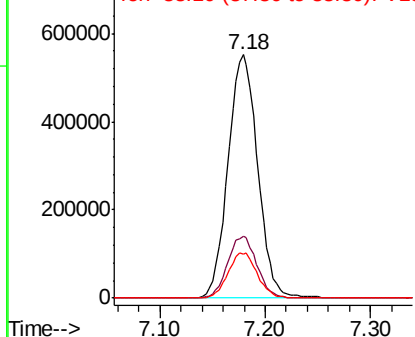


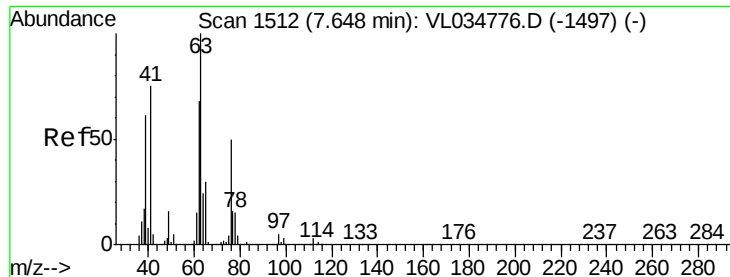
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1366
Delta R.T. -0.03 min
Lab File: VL034815.D
Acq: 6 Mar 2020 5:56

Tgt Ion: 114 Resp: 1074590
Ion Ratio Lower Upper
114 100
63 25.2 23.6 35.4
88 18.5 15.8 23.8



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





#39

1,2-Dichloropropane

Concen: 7.233 ppbv

RT: 7.18 min Scan# 1366

Delta R.T. -0.47 min

Lab File: VL034815.D

Acq: 6 Mar 2020 5:56

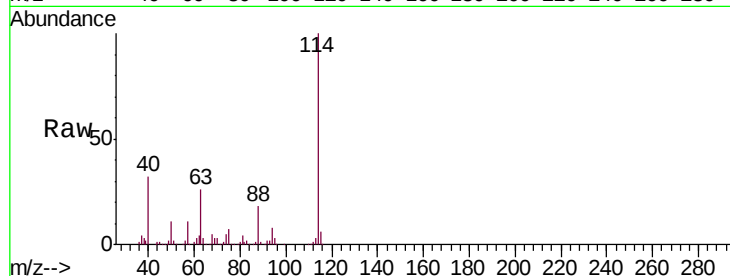
Instrument :

MSVOA_L

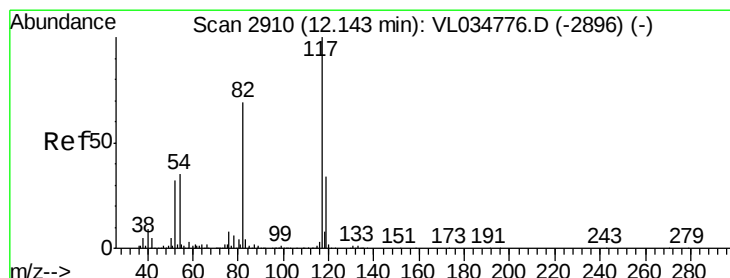
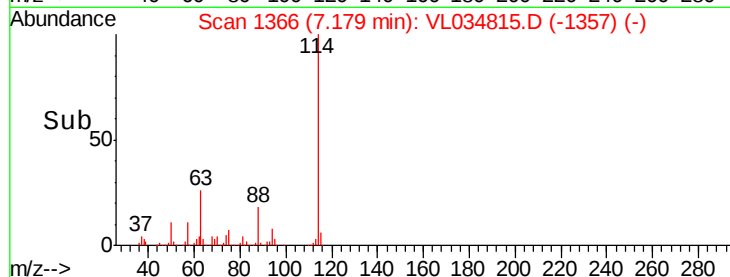
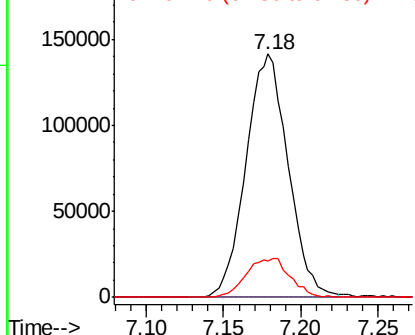
ClientSampleId :

VIBLK

Tgt Ion:	63	Resp:	268041
Ion	Ratio	Lower	Upper
63	100		
41	0.0	60.3	90.5#
62	14.9	54.5	81.7#



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



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

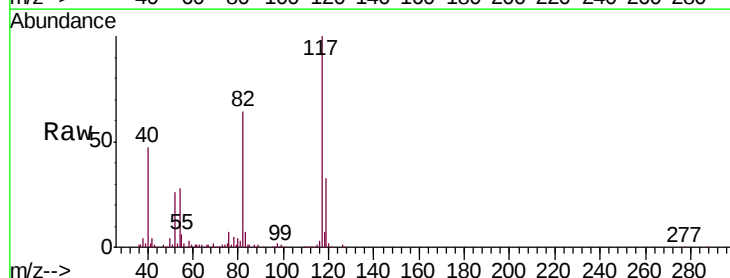
RT: 12.11 min Scan# 2900

Delta R.T. -0.03 min

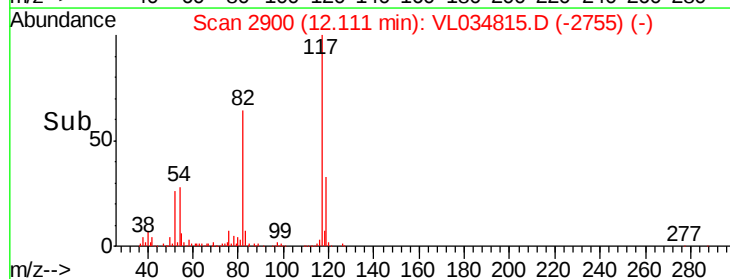
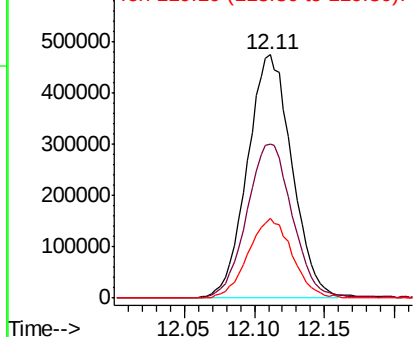
Lab File: VL034815.D

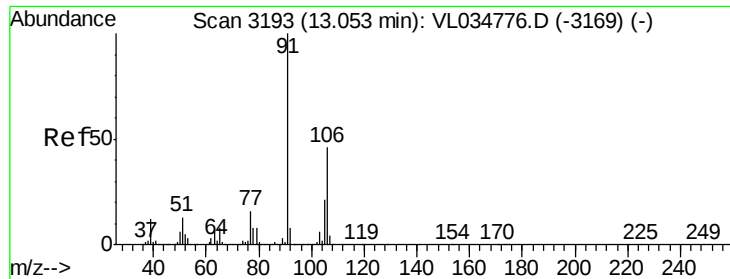
Acq: 6 Mar 2020 5:56

Tgt Ion:	117	Resp:	1050134
Ion	Ratio	Lower	Upper
117	100		
82	65.8	53.9	80.9
119	32.5	25.0	37.4



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

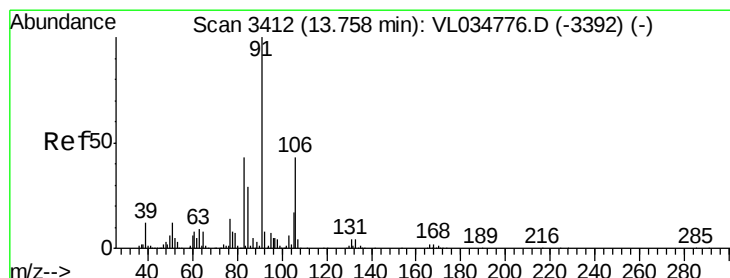
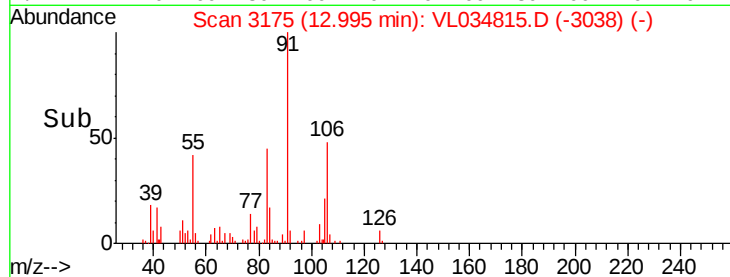
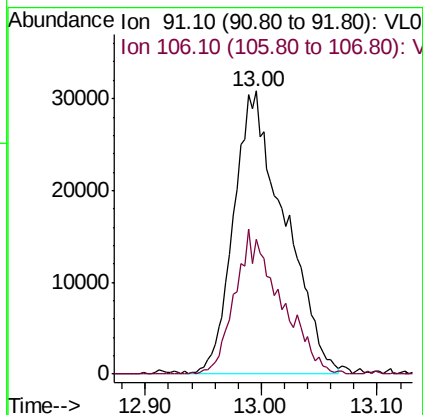
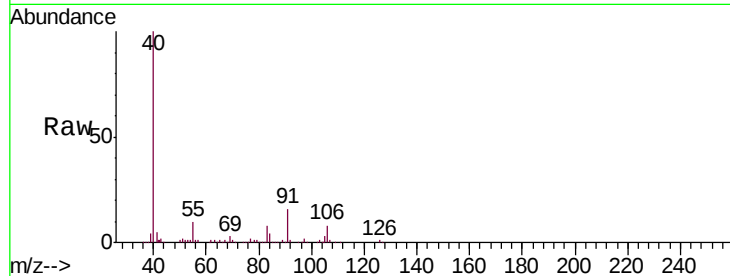




#59
m/p-Xylene
Concen: 0.837 ppbv
RT: 13.00 min Scan# 3175
Delta R.T. -0.06 min
Lab File: VL034815.D
Acq: 6 Mar 2020 5:56

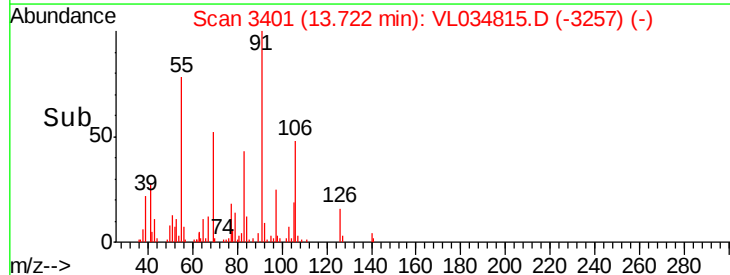
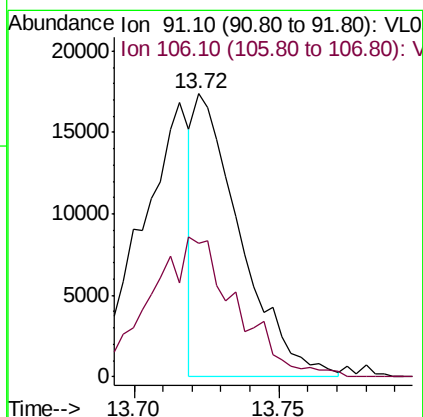
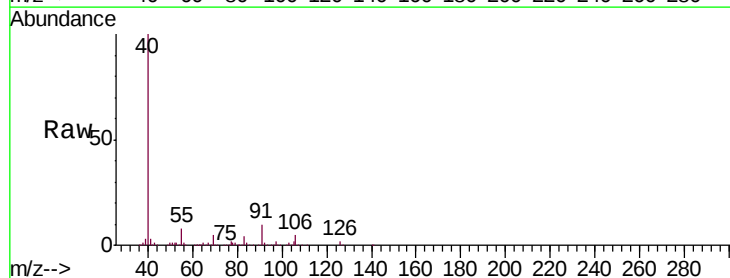
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

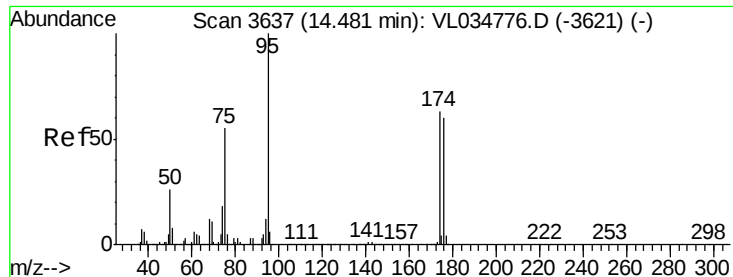
Tgt Ion: 91 Resp: 93760
Ion Ratio Lower Upper
91 100
106 45.6 35.8 53.8



#60
o-Xylene
Concen: 0.169 ppbv
RT: 13.72 min Scan# 3401
Delta R.T. -0.04 min
Lab File: VL034815.D
Acq: 6 Mar 2020 5:56

Tgt Ion: 91 Resp: 19158
Ion Ratio Lower Upper
91 100
106 93.9 21.7 65.1#





#68

1-Bromo-4-Fluorobenzene

Concen: 9.475 ppbv

RT: 14.45 min Scan# 3626

Delta R.T. -0.04 min

Lab File: VL034815.D

Acq: 6 Mar 2020 5:56

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

Tgt Ion: 95 Resp: 829645

Ion Ratio Lower Upper

95 100

174 74.1 50.6 76.0

175 5.6 3.8 5.6

