

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

Data File : VL034791.D
Acq On : 5 Mar 2020 11:13
Operator : SY/AP
Sample : VL0305ABL01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL0305ABL01

Quant Time: Mar 06 03:41:16 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	949821	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.18	114	1946982	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.11	117	1991432	10.00	ppbv	-0.04

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.45	95	1611057	9.70	ppbv	-0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.00%

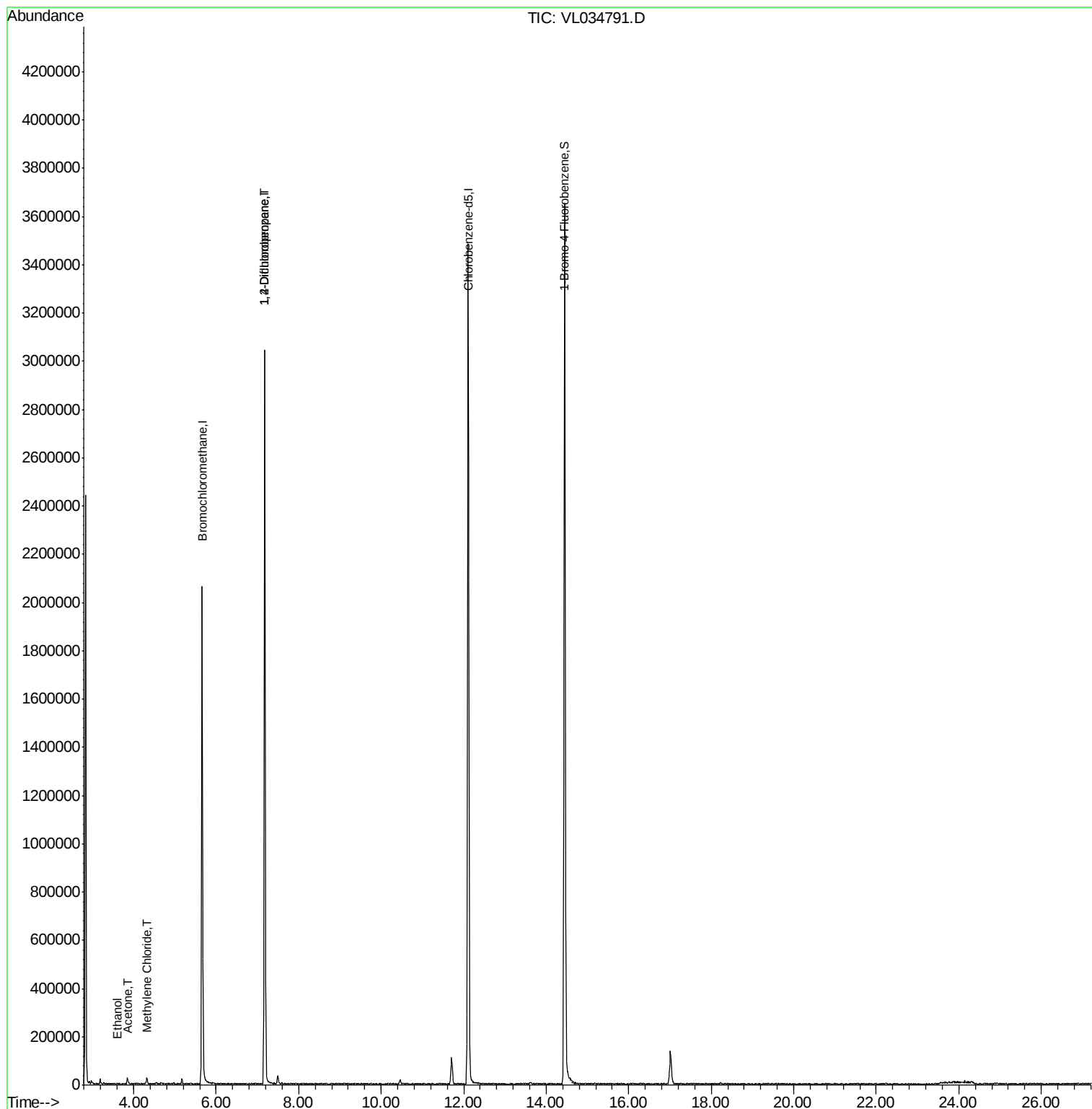
Target Compounds					Qvalue	
13) Ethanol	3.60	45	474	0.032	ppbv #	38
15) Acetone	3.85	43	19550	0.172	ppbv #	39
20) Methylene Chloride	4.32	84	4448	0.110	ppbv #	89
39) 1,2-Dichloropropane	7.18	63	572025	8.520	ppbv #	24

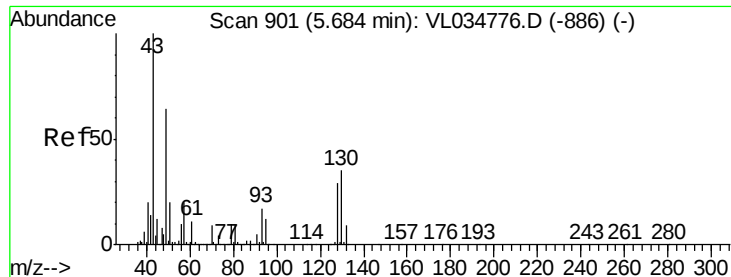
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 893

Delta R.T. -0.03 min

Lab File: VL034791.D

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Instrument :

MSVOA_L

ClientSampleId :

VL0305ABL01

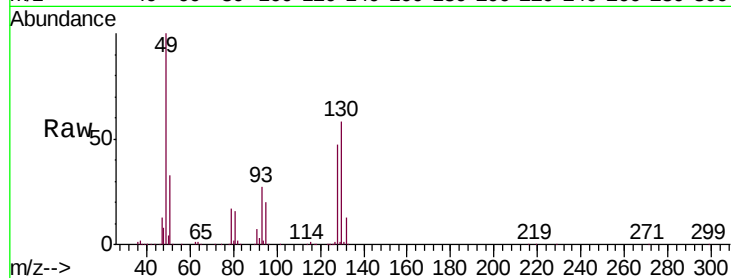
Tgt Ion: 49 Resp: 949821

Ion Ratio Lower Upper

49 100

128 45.0 21.6 64.6

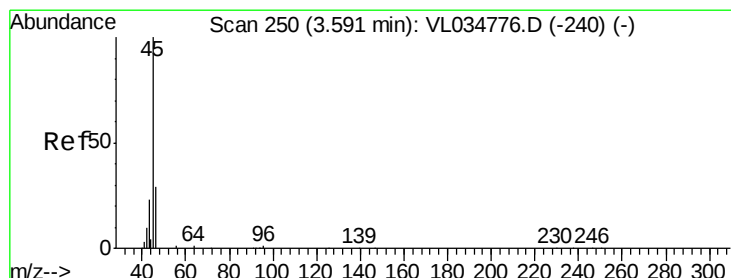
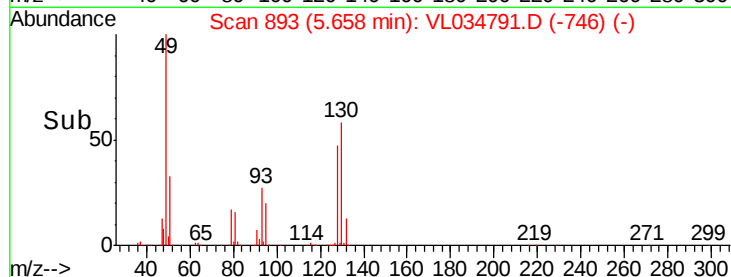
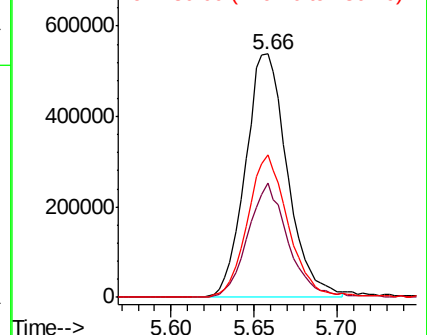
130 58.0 27.4 82.2



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



#13

Ethanol

Concen: 0.032 ppbv

RT: 3.60 min Scan# 252

Delta R.T. 0.01 min

Lab File: VL034791.D

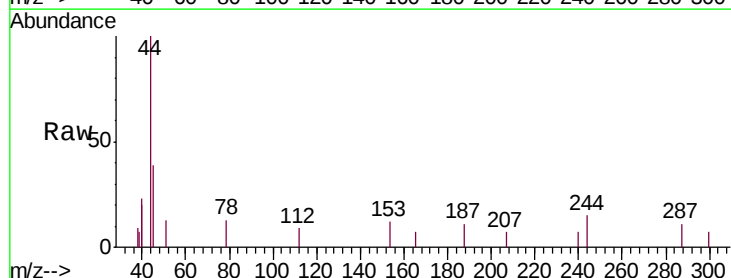
Acq: 5 Mar 2020 11:13

Tgt Ion: 45 Resp: 474

Ion Ratio Lower Upper

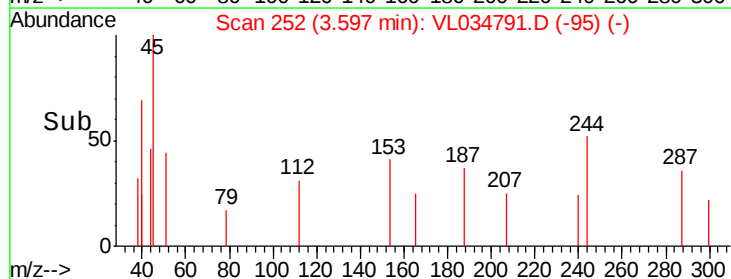
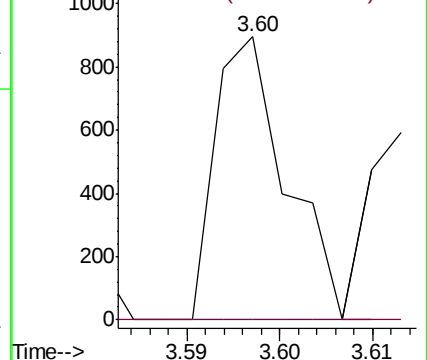
45 100

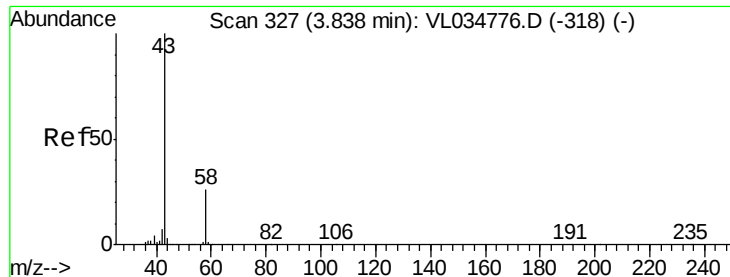
46 0.0 14.7 58.9#



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0





#15

Acetone

Concen: 0.172 ppbv

RT: 3.85 min Scan# 331

Delta R.T. 0.01 min

Lab File: VL034791.D

Acq: 5 Mar 2020 11:13

Instrument :

MSVOA_L

ClientSampleId :

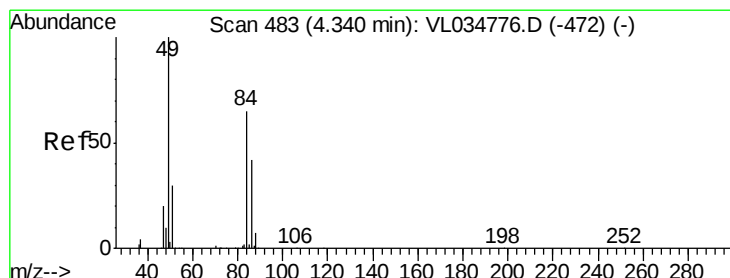
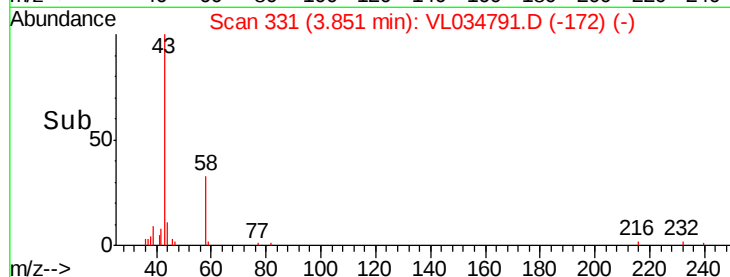
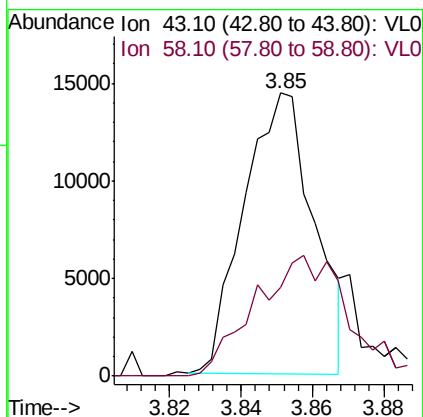
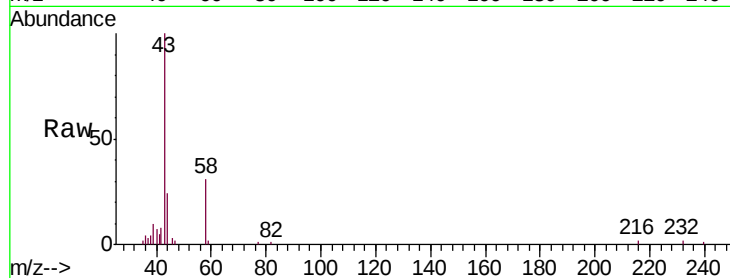
VL0305ABL01

Tgt Ion: 43 Resp: 19550

Ion Ratio Lower Upper

43 100

58 57.6 21.0 31.6#



#20

Methylene Chloride

Concen: 0.110 ppbv

RT: 4.32 min Scan# 477

Delta R.T. -0.02 min

Lab File: VL034791.D

Acq: 5 Mar 2020 11:13

Tgt Ion: 84 Resp: 4448

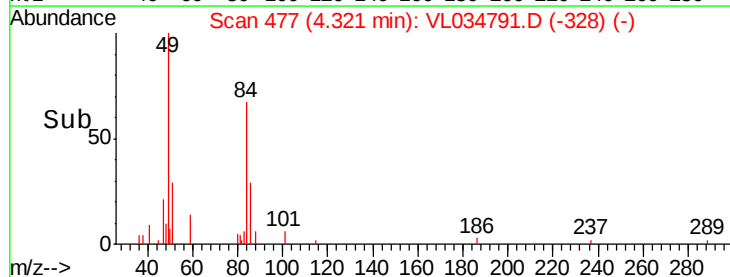
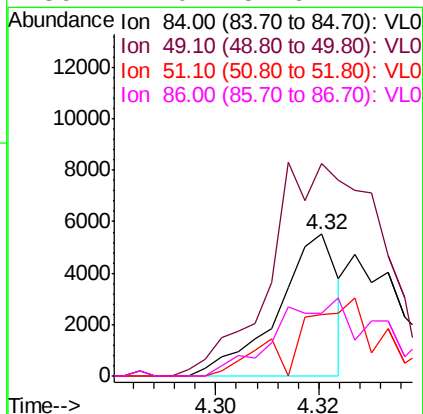
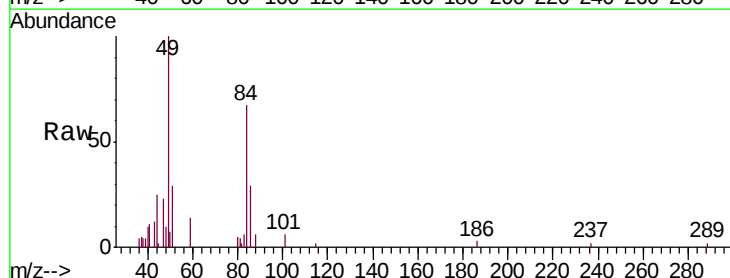
Ion Ratio Lower Upper

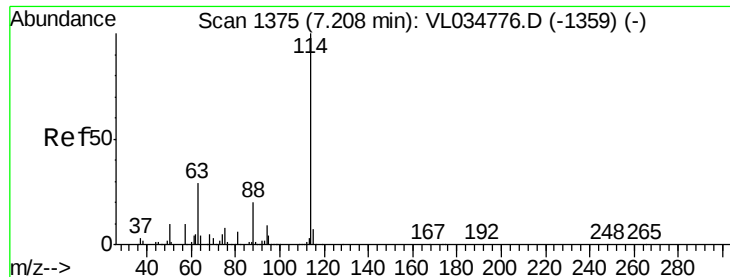
84 100

49 145.4 123.2 184.8

51 43.5 37.4 56.2

86 44.0 51.6 77.4#

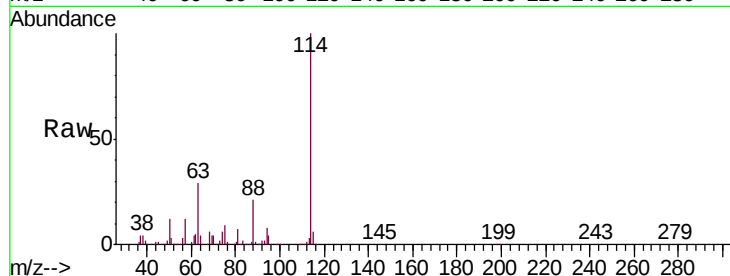




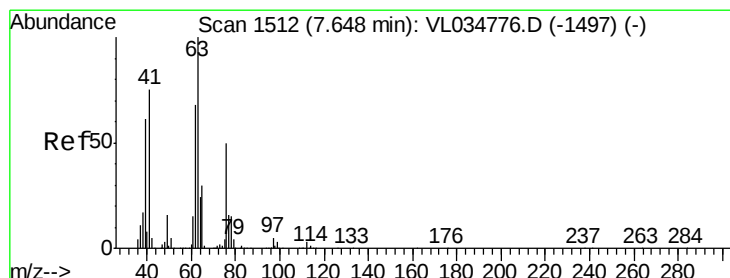
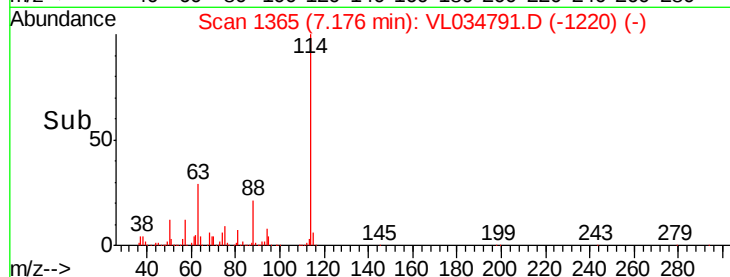
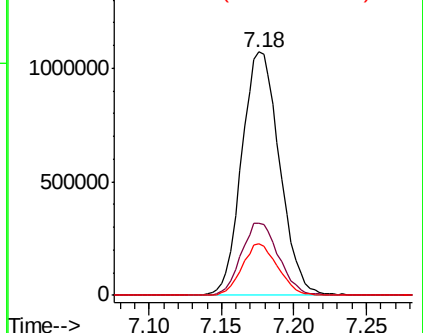
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18 min Scan# 1365
 Delta R.T. -0.03 min
 Lab File: VL034791.D
 Acq: 5 Mar 2020 11:13

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0305ABL01

Tgt Ion: 114 Resp: 1946982
 Ion Ratio Lower Upper
 114 100
 63 29.6 23.6 35.4
 88 20.1 15.8 23.8

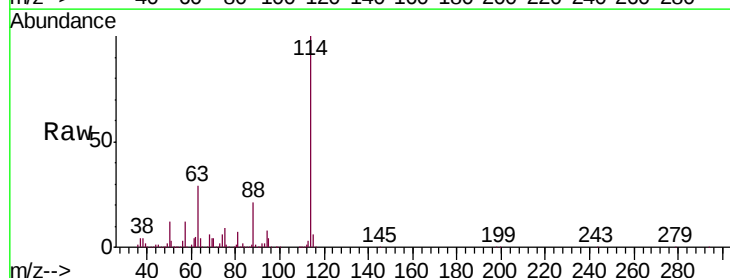


Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

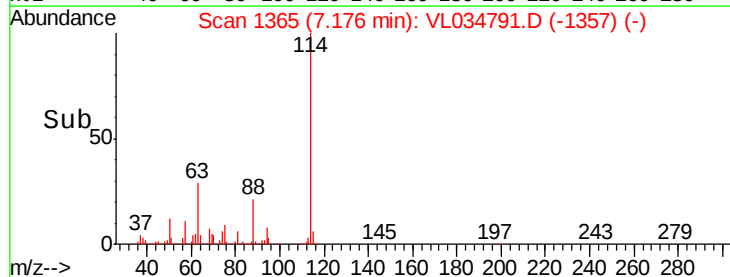
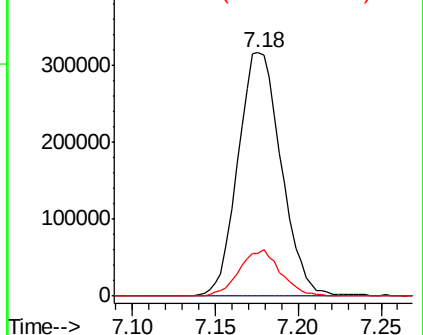


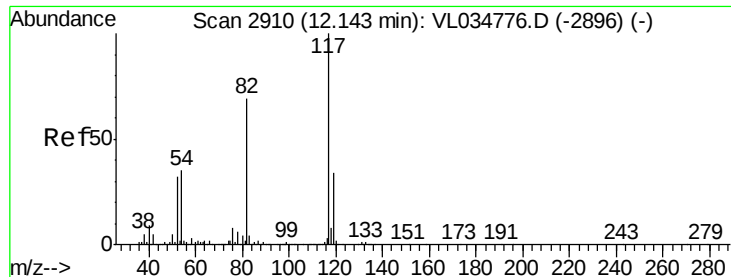
#39
 1,2-Dichloropropane
 Concen: 8.520 ppbv
 RT: 7.18 min Scan# 1365
 Delta R.T. -0.47 min
 Lab File: VL034791.D
 Acq: 5 Mar 2020 11:13

Tgt Ion: 63 Resp: 572025
 Ion Ratio Lower Upper
 63 100
 41 0.1 60.3 90.5#
 62 17.5 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

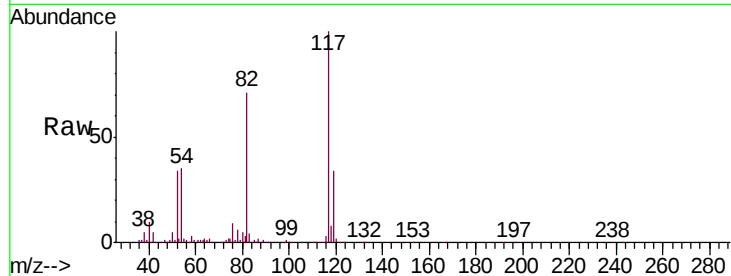




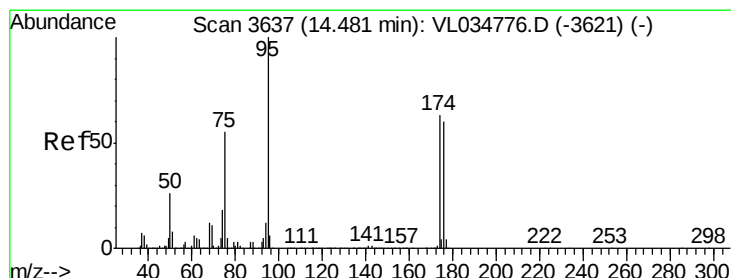
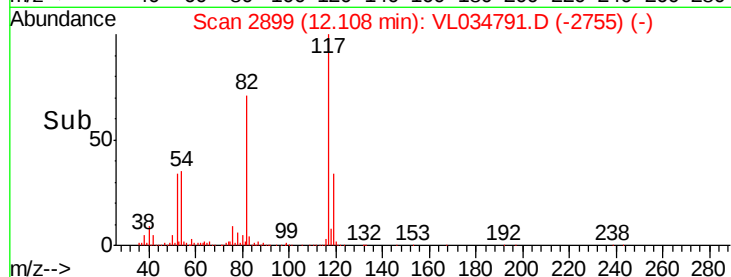
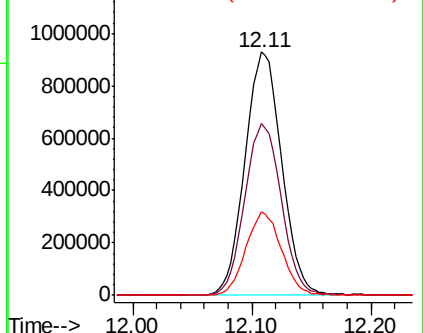
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.11 min Scan# 2899
Delta R.T. -0.04 min
Lab File: VL034791.D
Acq: 5 Mar 2020 11:13

Instrument :
MSVOA_L
ClientSampleId :
VL0305ABL01

Tgt Ion: 117 Resp: 1991432
Ion Ratio Lower Upper
117 100
82 70.6 53.9 80.9
119 33.0 25.0 37.4

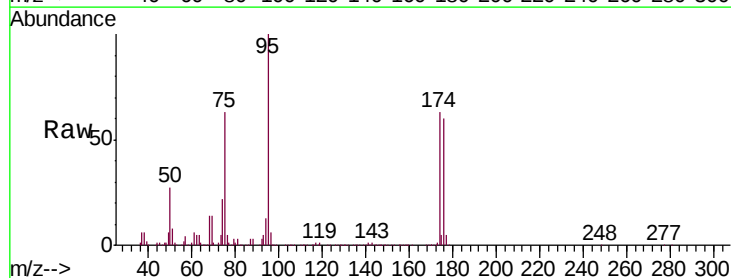


Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): VL0
Ion 119.10 (118.80 to 119.80): V



#68
1-Bromo-4-Fluorobenzene
Concen: 9.702 ppbv
RT: 14.45 min Scan# 3626
Delta R.T. -0.04 min
Lab File: VL034791.D
Acq: 5 Mar 2020 11:13

Tgt Ion: 95 Resp: 1611057
Ion Ratio Lower Upper
95 100
174 63.9 50.6 76.0
175 4.7 3.8 5.6



Abundance Ion 95.10 (94.80 to 95.80): VL0
Ion 174.00 (173.70 to 174.70): V
Ion 175.00 (174.70 to 175.70): V

