

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL030620\
Quantitation Report (Not Reviewed)

Data File : VL034823.D
Acq On : 6 Mar 2020 20:34
Operator : SY/AP
Sample : QC030520 CAN 10268
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC030520 CAN 10268

Quant Time: Mar 07 03:18:13 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	836121	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.18	114	1892654	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.11	117	1858118	10.00	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.45	95	1457086	9.40	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	94.00%

Target Compounds					Qvalue
13) Ethanol	3.61	45	615	0.048 ppbv #	52
15) Acetone	3.85	43	11628	0.116 ppbv #	42
20) Methylene Chloride	4.32	84	3682	0.103 ppbv	90
39) 1,2-Dichloropropane	7.18	63	487512	7.469 ppbv #	23

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

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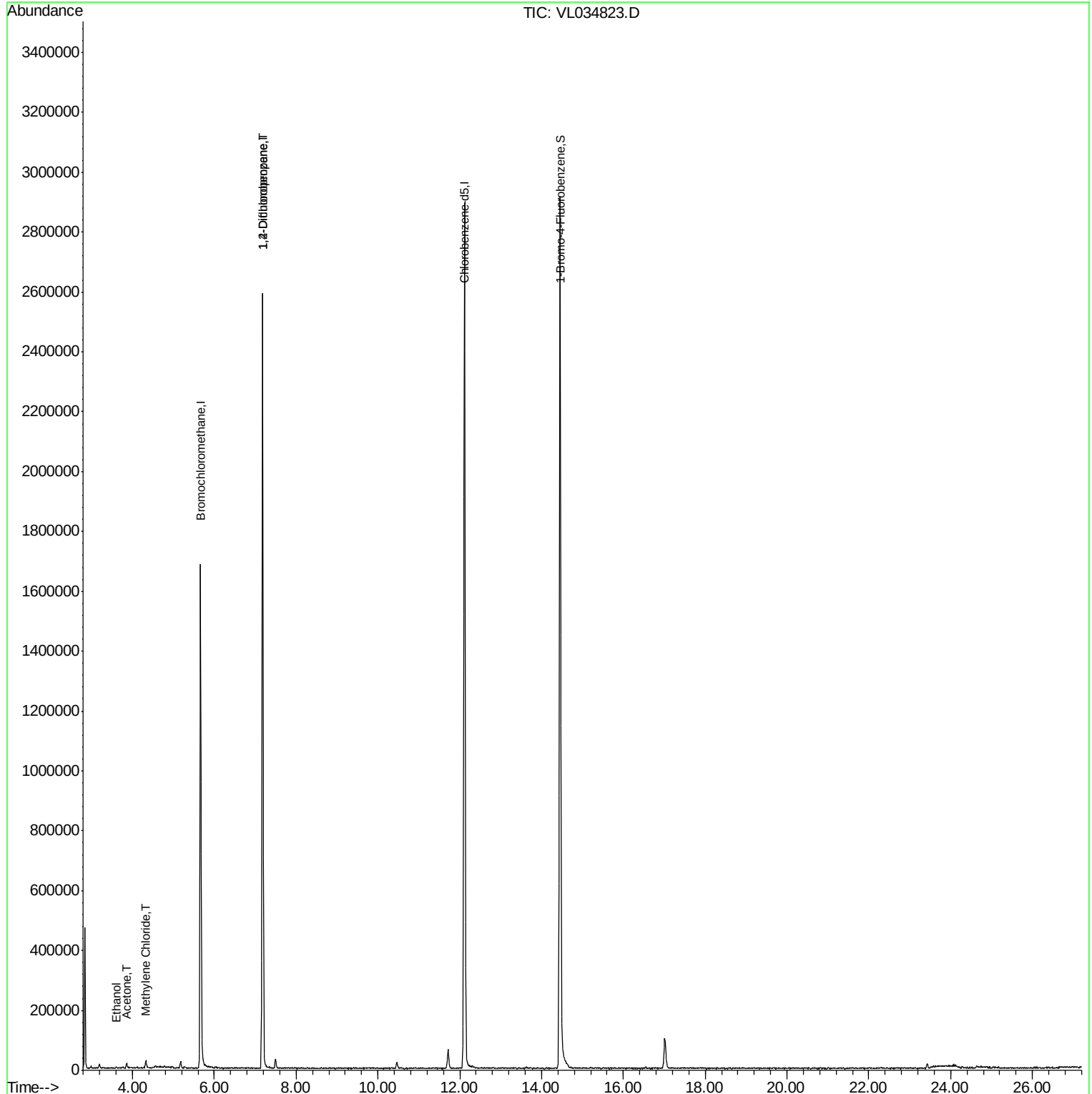
Quant Time: Mar 07 03:18:13 2020

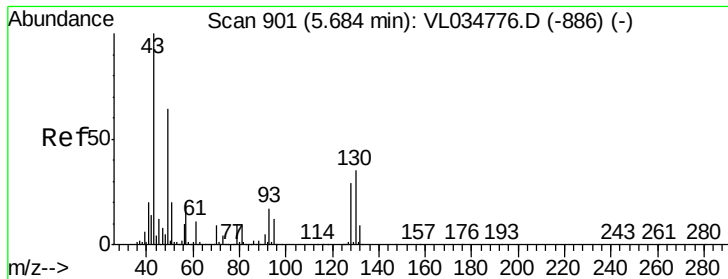
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030420AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Mar 04 06:36:39 2020

QLast Update : Wed Mar 04 06:36:39 2020

Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 894

Delta R.T. -0.02 min

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Instrument :

MSVOA_L

ClientSampleId :

QC030520 CAN 10268

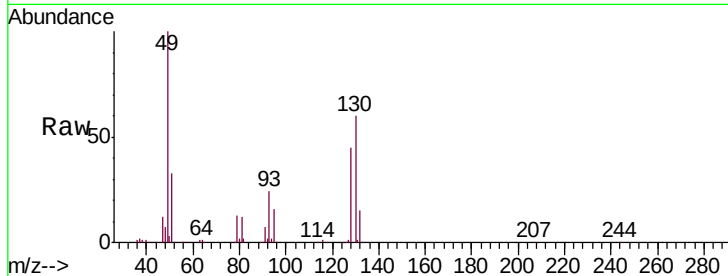
Tgt Ion: 49 Resp: 836121

Ion Ratio Lower Upper

49 100

128 47.2 21.6 64.6

130 60.5 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

5.66

600000

500000

400000

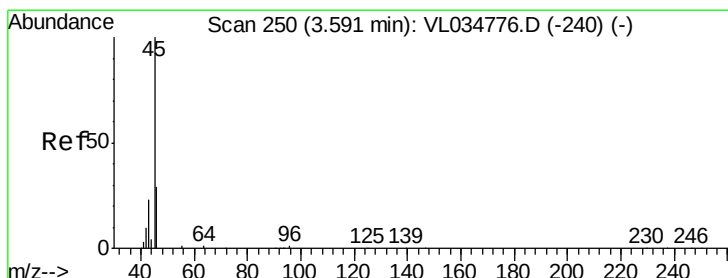
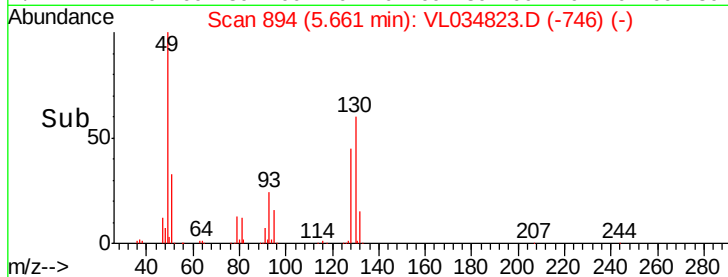
300000

200000

100000

0

Time-->



#13

Ethanol

Concen: 0.048 ppbv

RT: 3.61 min Scan# 256

Delta R.T. 0.02 min

Lab File: VL034823.D

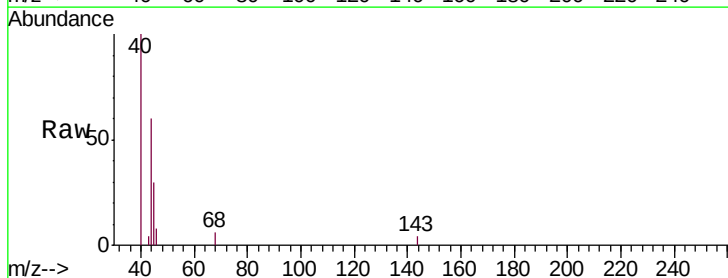
Acq: 6 Mar 2020 20:34

Tgt Ion: 45 Resp: 615

Ion Ratio Lower Upper

45 100

46 65.4 14.7 58.9#



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0

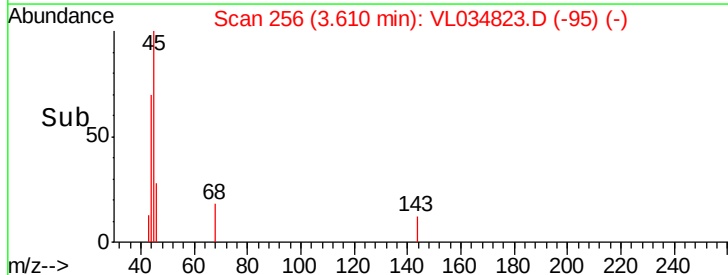
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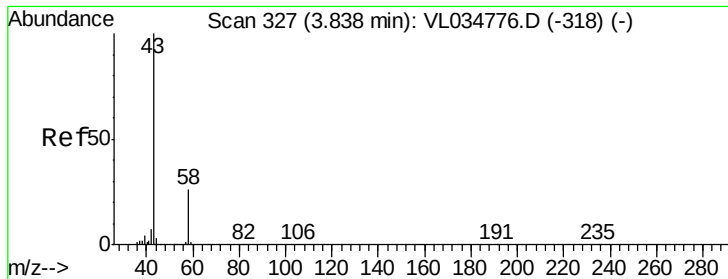
1000

500

0

Time-->

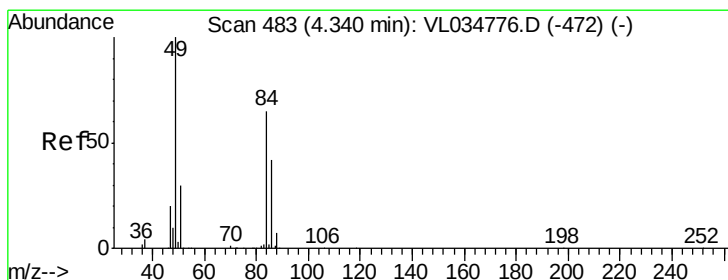
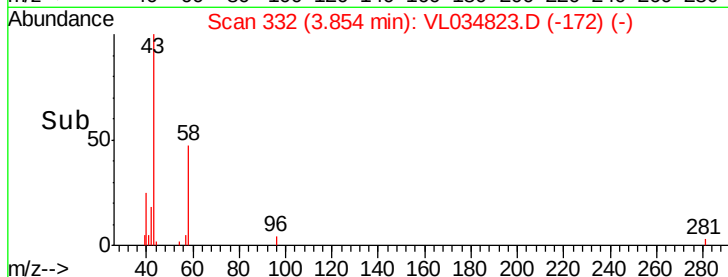
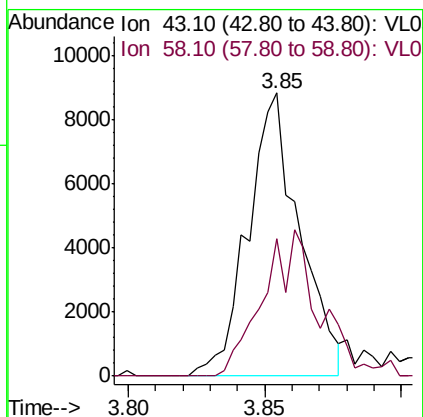
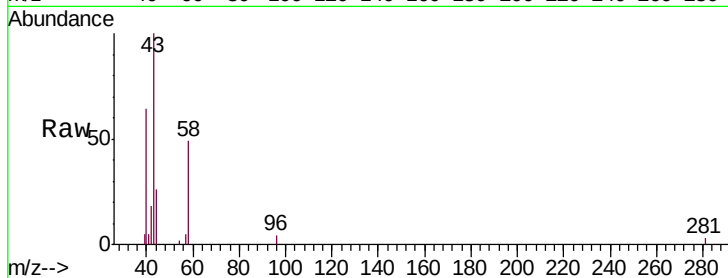




#15
Acetone
Concen: 0.116 ppbv
RT: 3.85 min Scan# 332
Delta R.T. 0.02 min
Lab File: VL034823.D
Acq: 6 Mar 2020 20:34

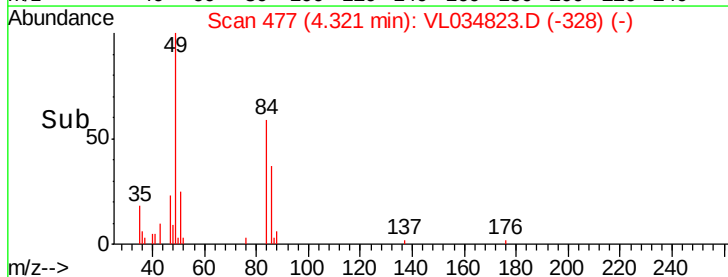
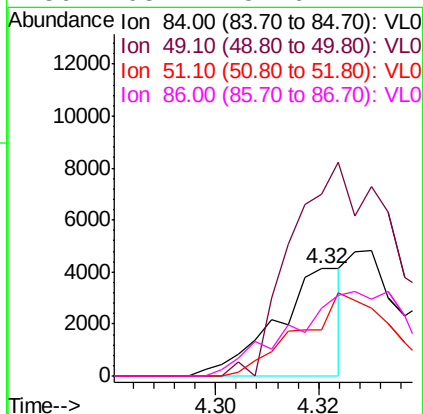
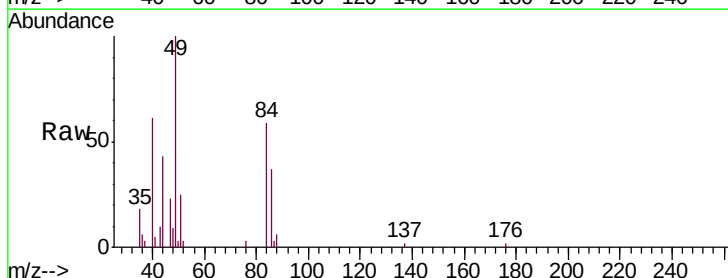
Instrument :
MSVOA_L
ClientSampleId :
QC030520 CAN 10268

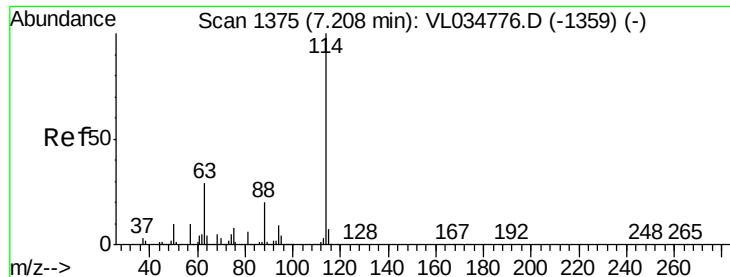
Tgt Ion: 43 Resp: 11628
Ion Ratio Lower Upper
43 100
58 56.2 21.0 31.6#



#20
Methylene Chloride
Concen: 0.103 ppbv
RT: 4.32 min Scan# 477
Delta R.T. -0.02 min
Lab File: VL034823.D
Acq: 6 Mar 2020 20:34

Tgt Ion: 84 Resp: 3682
Ion Ratio Lower Upper
84 100
49 174.2 123.2 184.8
51 47.8 37.4 56.2
86 63.2 51.6 77.4

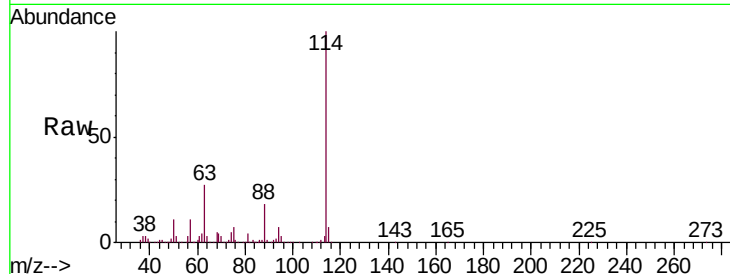




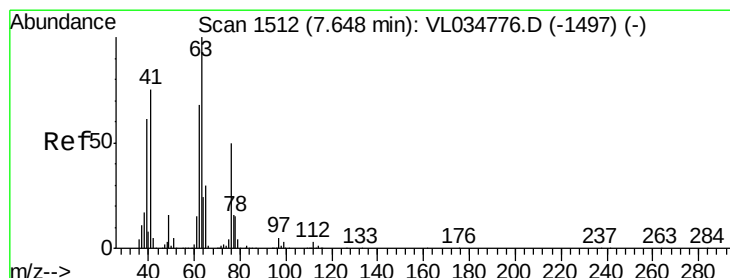
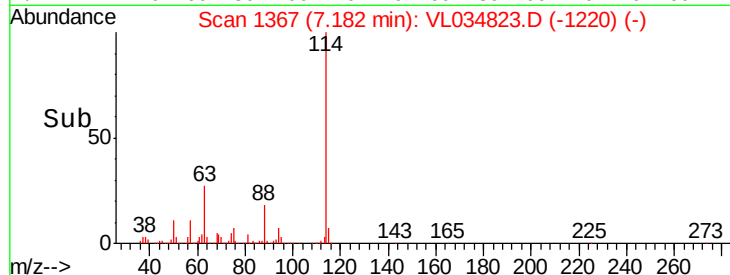
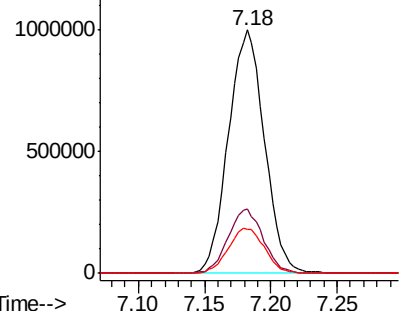
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18 min Scan# 1367
 Delta R.T. -0.03 min
 Lab File: VL034823.D
 Acq: 6 Mar 2020 20:34

Instrument :
 MSVOA_L
 ClientSampleId :
 QC030520 CAN 10268

Tgt Ion:114 Resp: 1892654
 Ion Ratio Lower Upper
 114 100
 63 25.9 23.6 35.4
 88 18.8 15.8 23.8

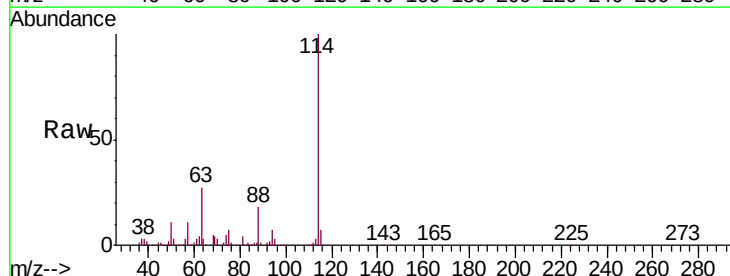


Abundance Ion 114.10 (113.80 to 114.80): V
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

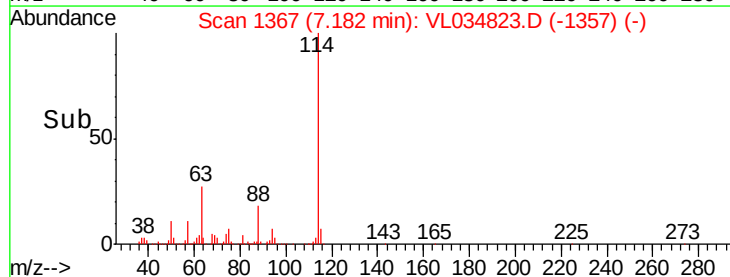
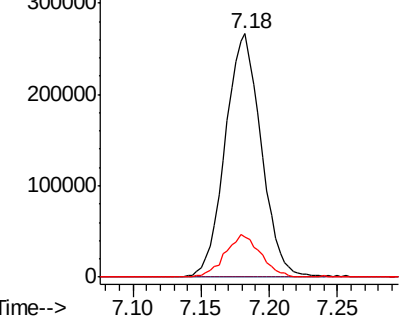


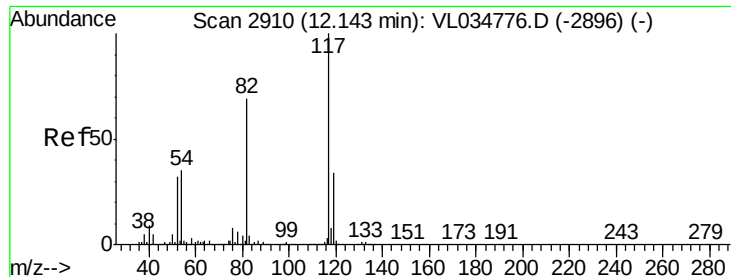
#39
 1,2-Dichloropropane
 Concen: 7.469 ppbv
 RT: 7.18 min Scan# 1367
 Delta R.T. -0.47 min
 Lab File: VL034823.D
 Acq: 6 Mar 2020 20:34

Tgt Ion: 63 Resp: 487512
 Ion Ratio Lower Upper
 63 100
 41 0.1 60.3 90.5#
 62 16.3 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

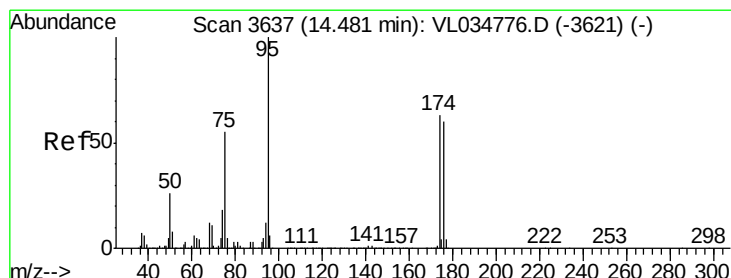
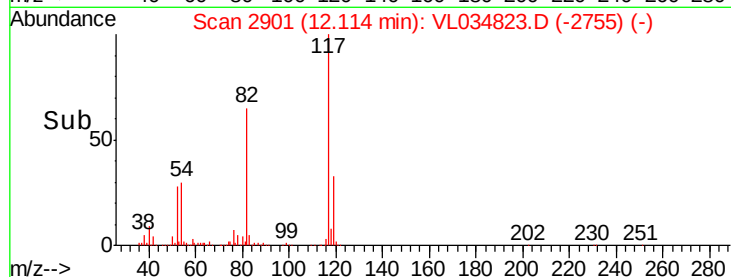
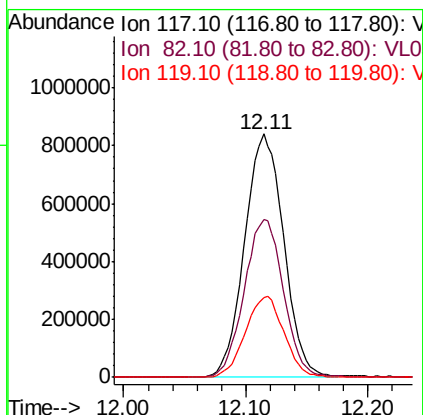
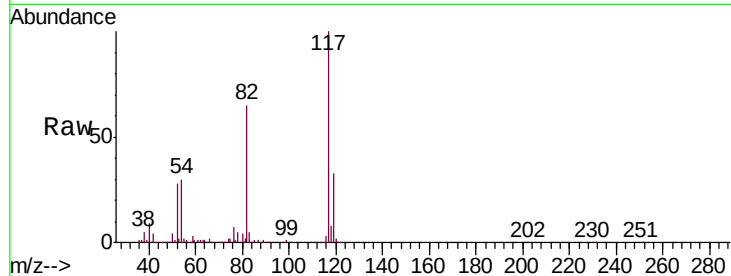




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.11 min Scan# 2901
Delta R.T. -0.03 min
Lab File: VL034823.D
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Tgt Ion: 117 Resp: 1858118
Ion Ratio Lower Upper
117 100
82 65.6 53.9 80.9
119 33.0 25.0 37.4



#68
1-Bromo-4-Fluorobenzene
Concen: 9.404 ppbv
RT: 14.45 min Scan# 3628
Delta R.T. -0.03 min
Lab File: VL034823.D
Acq: 6 Mar 2020 20:34

Tgt Ion: 95 Resp: 1457086
Ion Ratio Lower Upper
95 100
174 70.8 50.6 76.0
175 5.5 3.8 5.6

