

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL021920\
Quantitation Report (Not Reviewed)

Data File : VL034664.D
Acq On : 20 Feb 2020 9:10
Operator : SY/AP
Sample : QC021920 CAN 10296
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC021920 CAN 10296

Quant Time: Feb 20 14:49:57 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL013020AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Jan 30 17:16:44 2020
QLast Update : Thu Jan 30 17:16:44 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	895048	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.17	114	1862050	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.10	117	1857712	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	1524016	9.71	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.10%

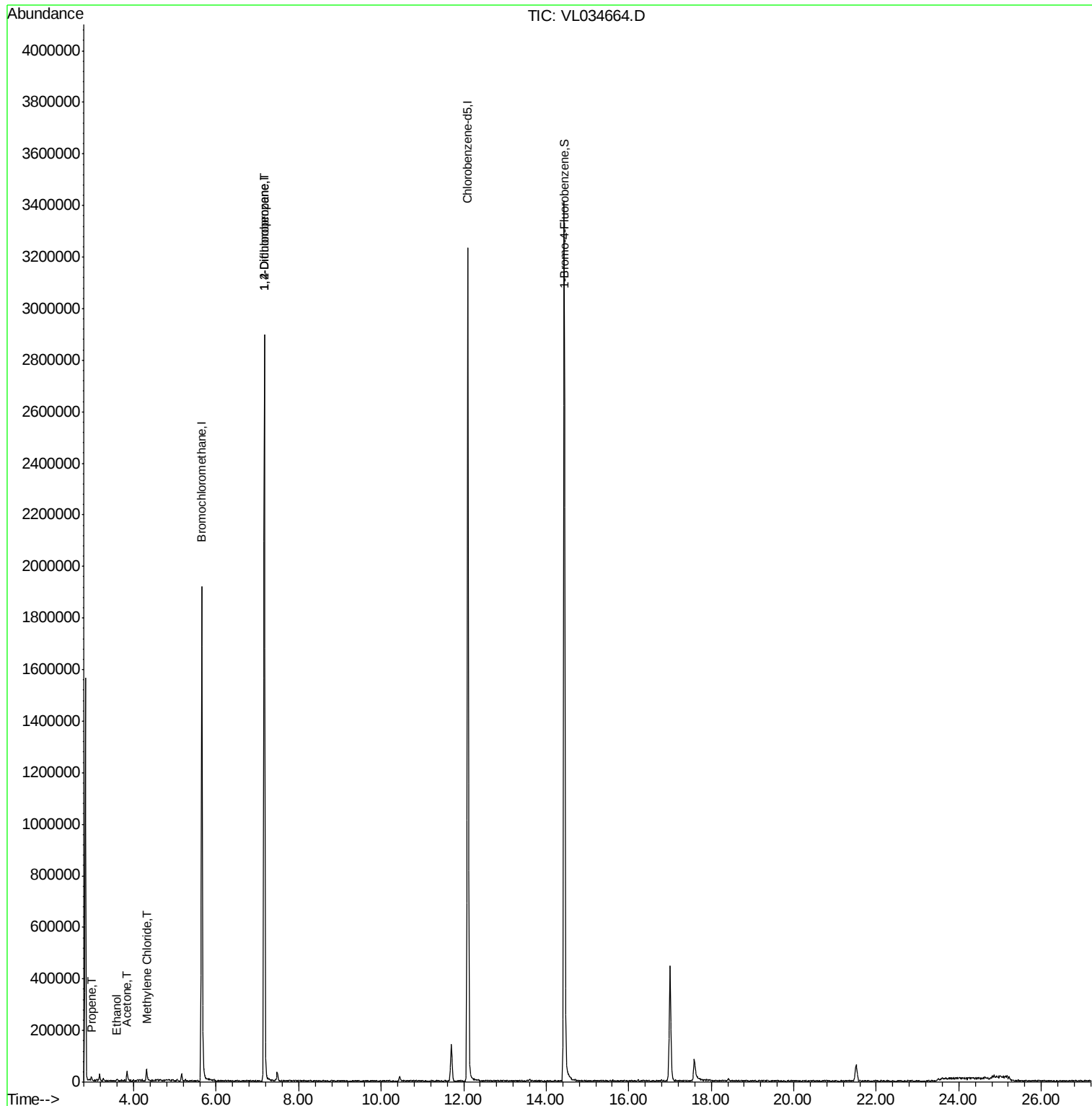
Target Compounds					Qvalue	
9) Propene	2.97	41	1291	0.031	ppbv #	14
13) Ethanol	3.57	45	619	0.055	ppbv #	45
15) Acetone	3.83	43	32701	0.249	ppbv #	76
20) Methylene Chloride	4.31	84	6939	0.139	ppbv	93
39) 1,2-Dichloropropane	7.17	63	530234	7.724	ppbv #	19

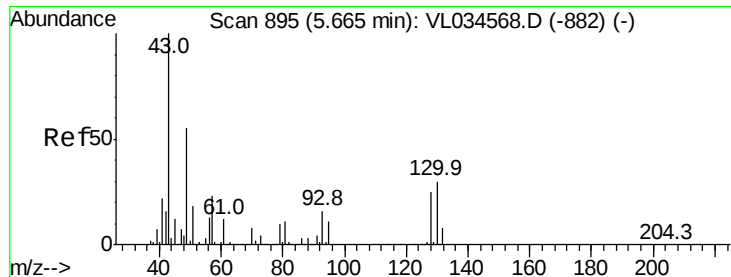
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 891

Delta R.T. -0.01 min

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Instrument :

MSVOA_L

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QC021920 CAN 10296

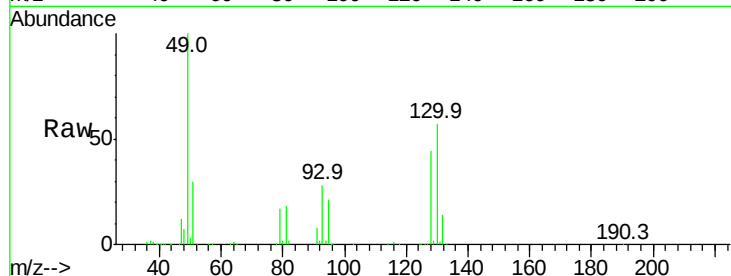
Tgt Ion: 49 Resp: 895048

Ion Ratio Lower Upper

49 100

128 47.8 22.7 68.1

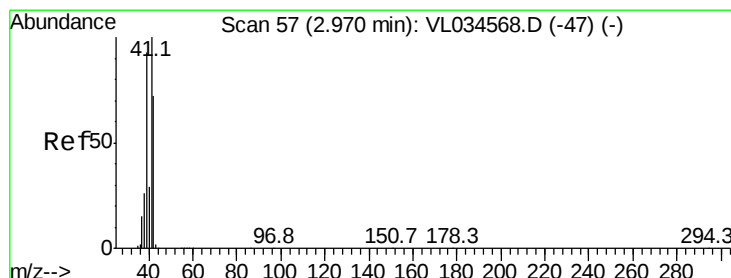
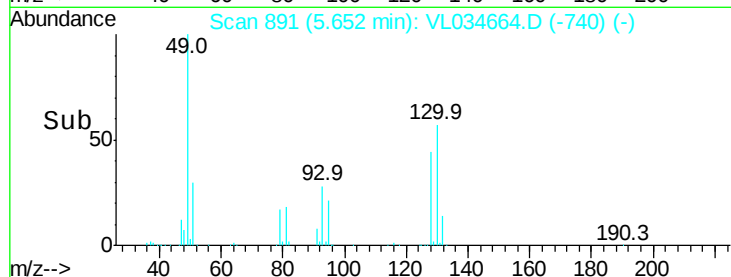
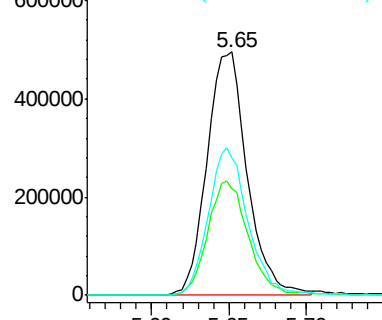
130 60.1 28.6 85.8



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



#9

Propene

Concen: 0.031 ppbv

RT: 2.97 min Scan# 56

Delta R.T. -0.00 min

Lab File: VL034664.D

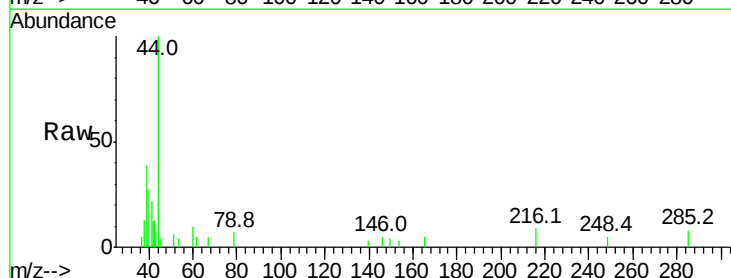
Acq: 20 Feb 2020 9:10

Tgt Ion: 41 Resp: 1291

Ion Ratio Lower Upper

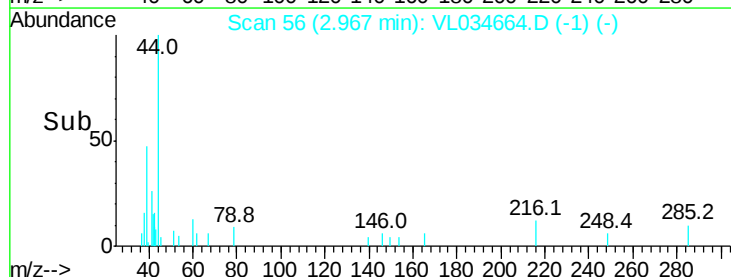
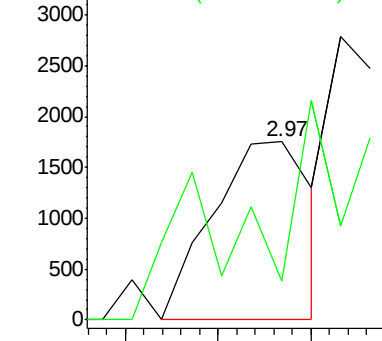
41 100

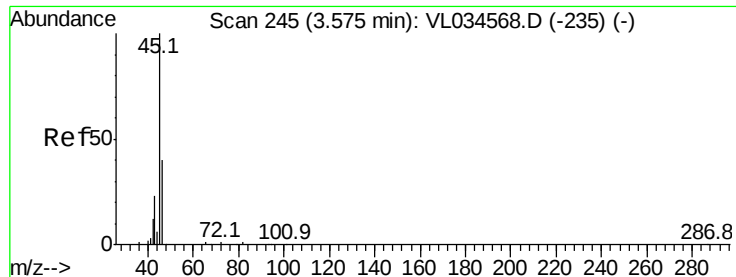
42 0.0 57.0 85.4#



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0





#13

Ethanol

Concen: 0.055 ppbv

RT: 3.57 min Scan# 244

Delta R.T. -0.00 min

Lab File: VL034664.D

Acq: 20 Feb 2020 9:10

Instrument :

MSVOA_L

ClientSampleId :

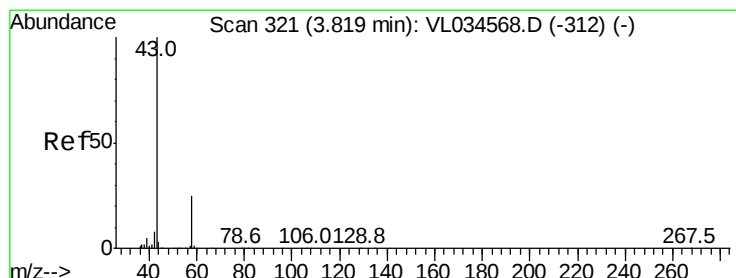
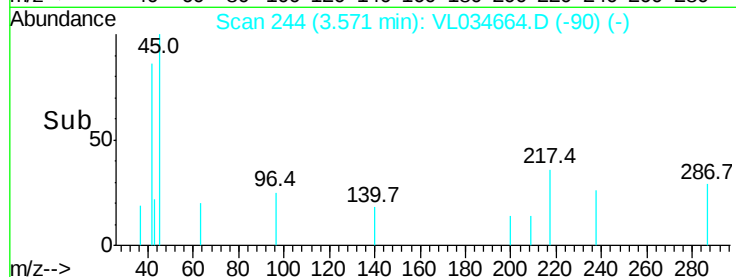
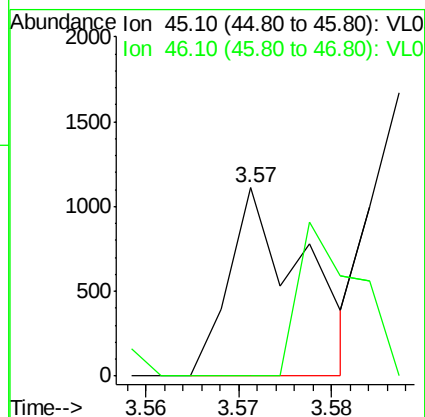
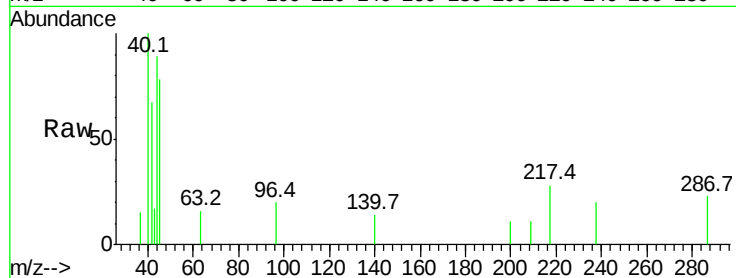
QC021920 CAN 10296

Tgt Ion: 45 Resp: 619

Ion Ratio Lower Upper

45 100

46 69.6 14.8 59.2#



#15

Acetone

Concen: 0.249 ppbv

RT: 3.83 min Scan# 325

Delta R.T. 0.01 min

Lab File: VL034664.D

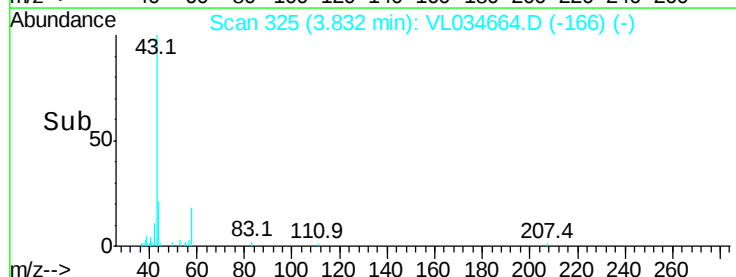
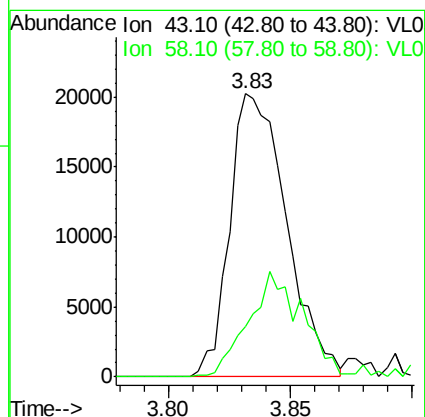
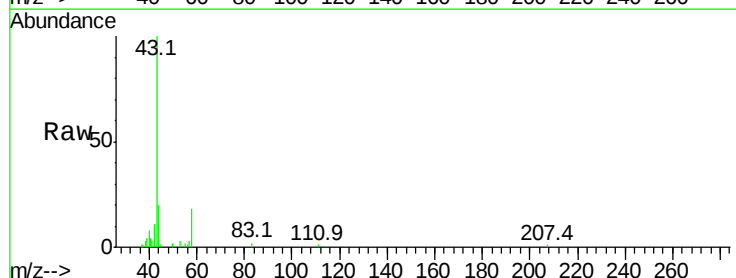
Acq: 20 Feb 2020 9:10

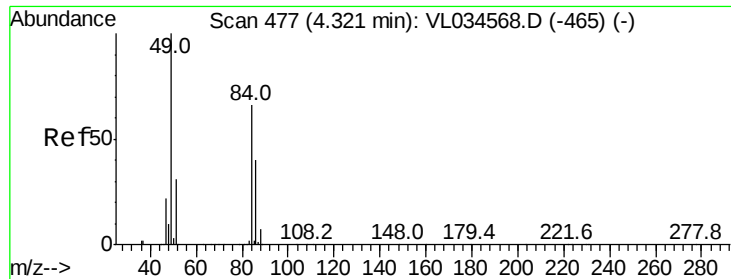
Tgt Ion: 43 Resp: 32701

Ion Ratio Lower Upper

43 100

58 37.5 20.3 30.5#

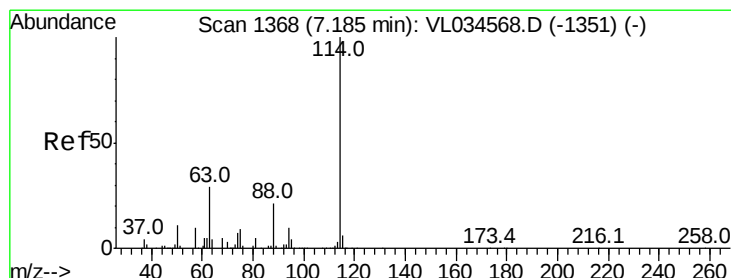
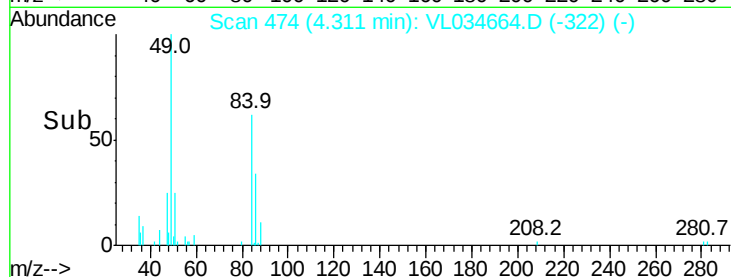
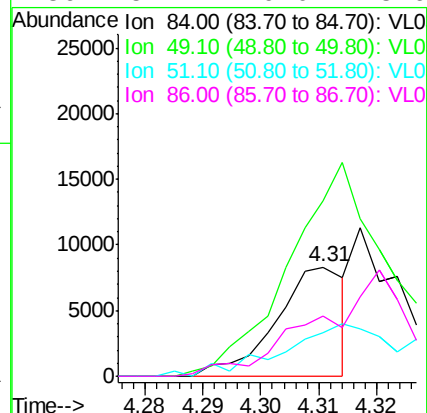
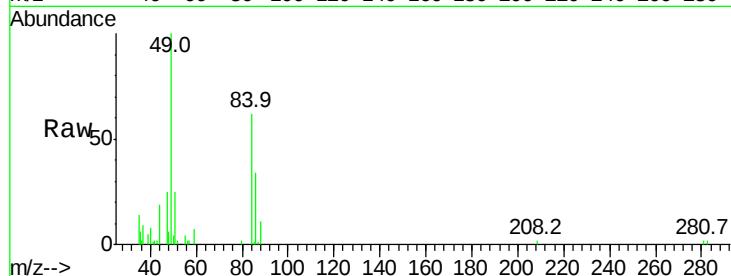




#20
Methylene Chloride
Concen: 0.139 ppbv
RT: 4.31 min Scan# 474
Delta R.T. -0.01 min
Lab File: VL034664.D
Acq: 20 Feb 2020 9:10

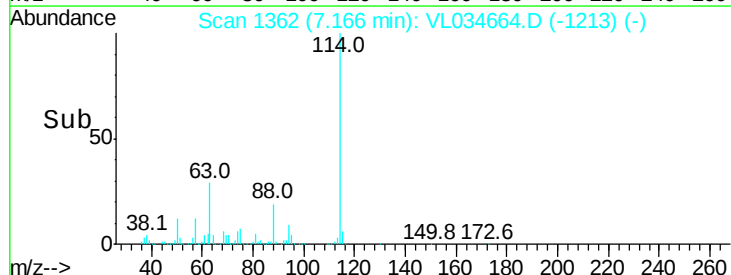
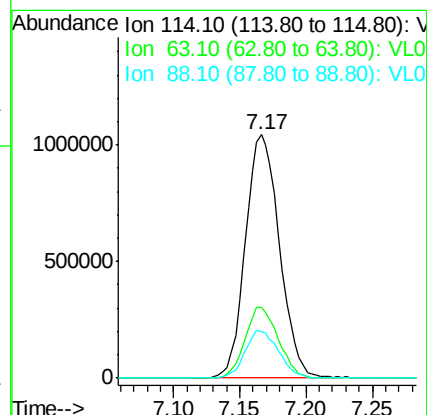
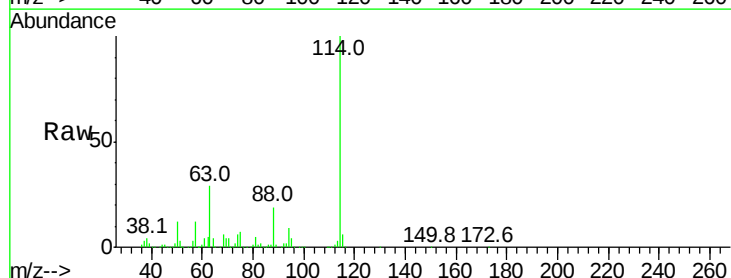
Instrument :
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QC021920 CAN 10296

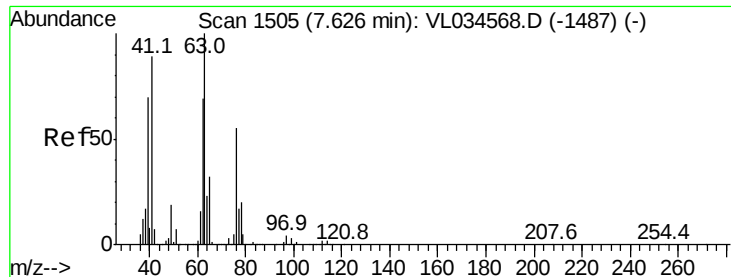
Tgt Ion:	84	Resp:	6939
Ion	Ratio	Lower	Upper
84	100		
49	156.8	122.4	183.6
51	40.3	38.6	57.8
86	52.2	49.0	73.6



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1362
Delta R.T. -0.02 min
Lab File: VL034664.D
Acq: 20 Feb 2020 9:10

Tgt Ion:	114	Resp:	1862050
Ion	Ratio	Lower	Upper
114	100		
63	28.6	24.1	36.1
88	19.5	15.9	23.9





#39

1,2-Dichloropropane

Concen: 7.724 ppbv

RT: 7.17 min Scan# 1362

Delta R.T. -0.46 min

Lab File: VL034664.D

Acq: 20 Feb 2020 9:10

Instrument :

MSVOA_L

ClientSampleId :

QC021920 CAN 10296

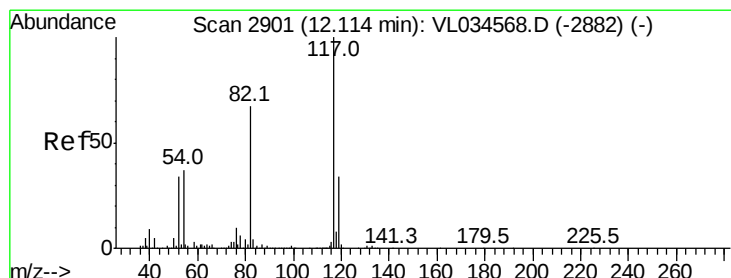
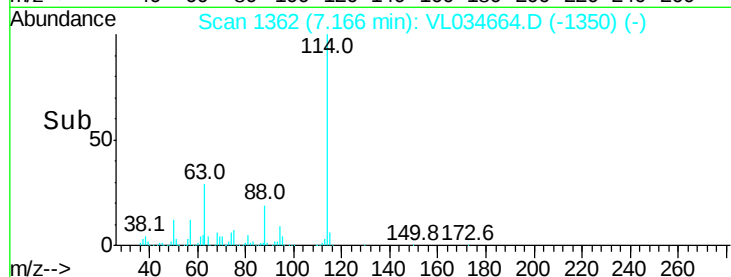
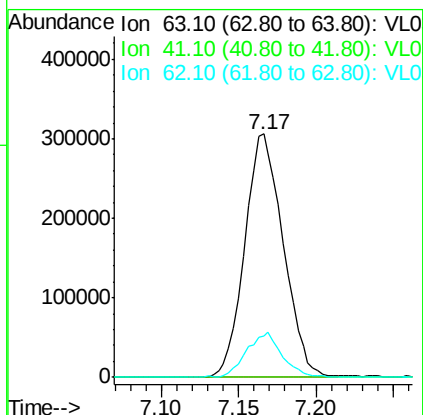
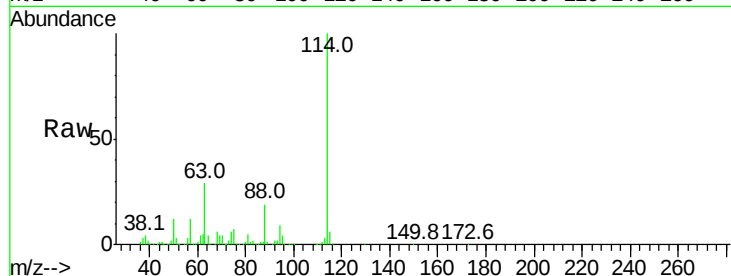
Tgt Ion: 63 Resp: 530234

Ion Ratio Lower Upper

63 100

41 0.1 71.0 106.4#

62 17.0 55.4 83.0#



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.10 min Scan# 2896

Delta R.T. -0.02 min

Lab File: VL034664.D

Acq: 20 Feb 2020 9:10

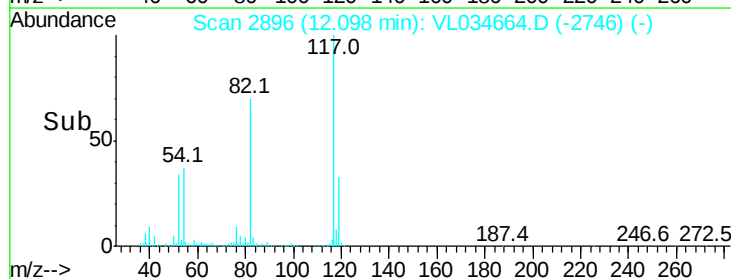
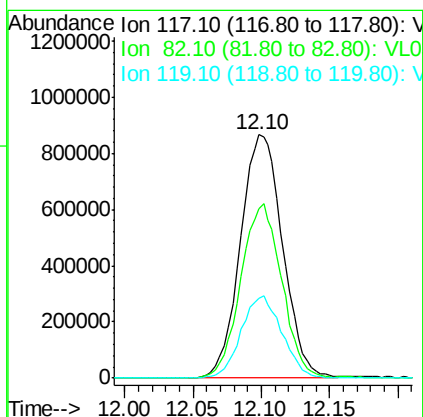
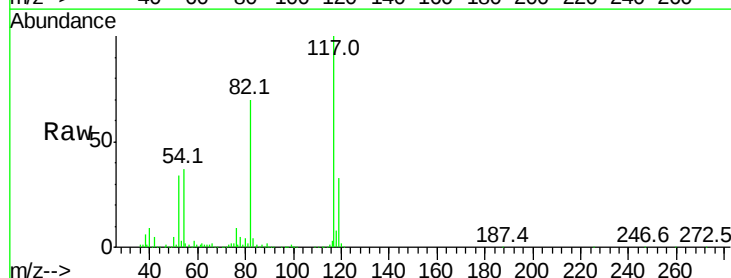
Tgt Ion: 117 Resp: 1857712

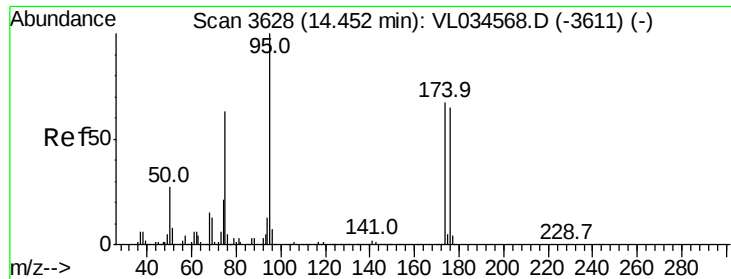
Ion Ratio Lower Upper

117 100

82 70.1 54.2 81.4

119 32.9 26.1 39.1





#68

1-Bromo-4-Fluorobenzene

Concen: 9.707 ppbv

RT: 14.44 min Scan# 3623

Delta R.T. -0.02 min

Lab File: VL034664.D

Acq: 20 Feb 2020 9:10

Instrument :

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QC021920 CAN 10296

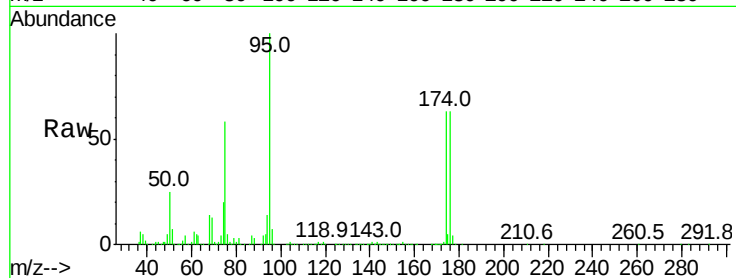
Tgt Ion: 95 Resp: 1524016

Ion Ratio Lower Upper

95 100

174 67.1 52.3 78.5

175 4.8 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

