

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL080620\
Data File : VL035367.D
Acq On : 7 Aug 2020 3:44
Operator : SY/AP
Sample : QC080320 CAN 10439
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC080320 CAN 10439

Quant Time: Aug 09 21:28:38 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL080520AIR.M
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_LWed Aug 05 13:04:46 2020
QLast Update : Wed Aug 05 13:04:46 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1154158	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	2938402	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.10	117	2874828	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	2379224	9.92	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.20%

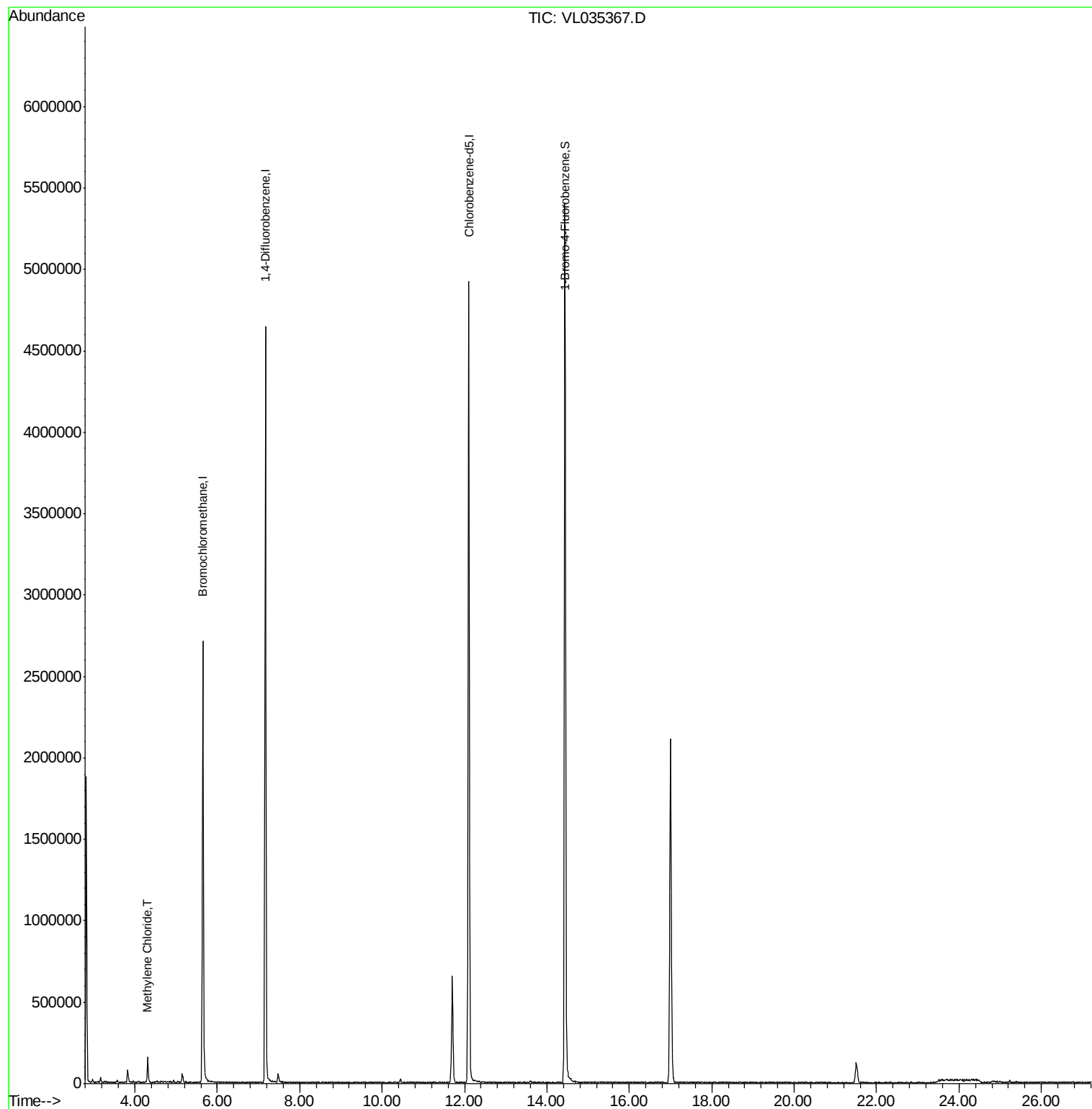
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	4.31	84	50087	0.749	ppbv	# 88

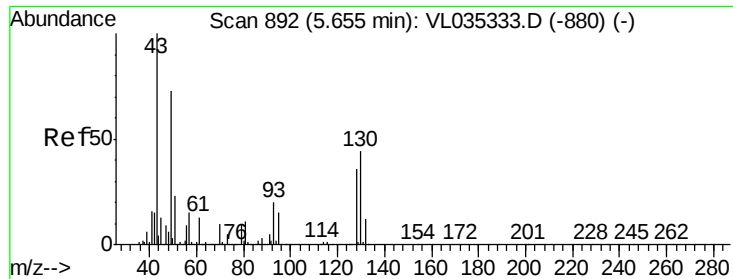
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_L\DATA\VL080620\
Data File : VL035367.D
Acq On : 7 Aug 2020 3:44
Operator : SY/AP
Sample : QC080320 CAN 10439
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC080320 CAN 10439

Quant Time: Aug 09 21:28:38 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_L\METHODS\VL080520AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Aug 05 13:04:46 2020
QLast Update : Wed Aug 05 13:04:46 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 889

Delta R.T. -0.01 min

Lab File: VL035367.D

Acq: 7 Aug 2020 3:44

Instrument :

MSVOA_L

ClientSampleId :

QC080320 CAN 10439

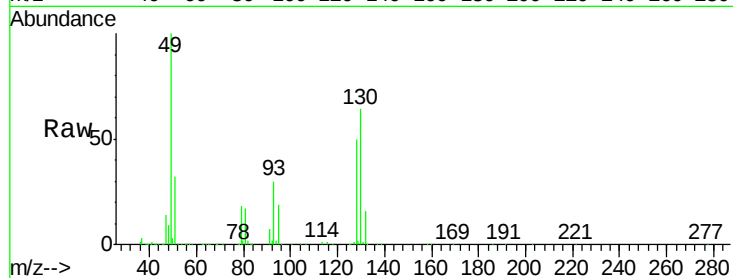
Tgt Ion: 49 Resp: 1154158

Ion Ratio Lower Upper

49 100

128 51.9 25.4 76.0

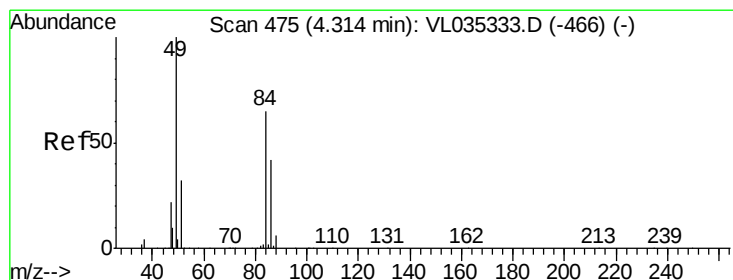
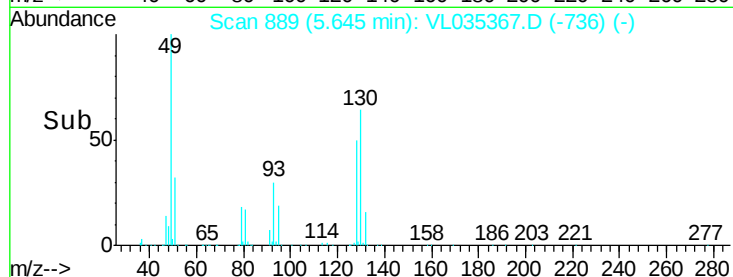
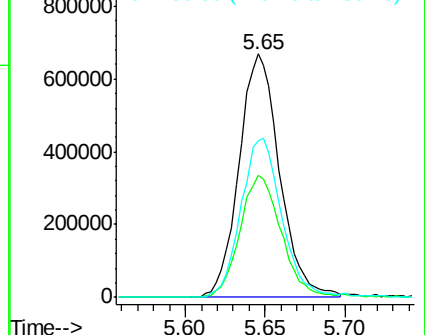
130 67.1 32.1 96.3



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



#20

Methylene Chloride

Concen: 0.749 ppbv

RT: 4.31 min Scan# 474

Delta R.T. -0.00 min

Lab File: VL035367.D

Acq: 7 Aug 2020 3:44

Tgt Ion: 84 Resp: 50087

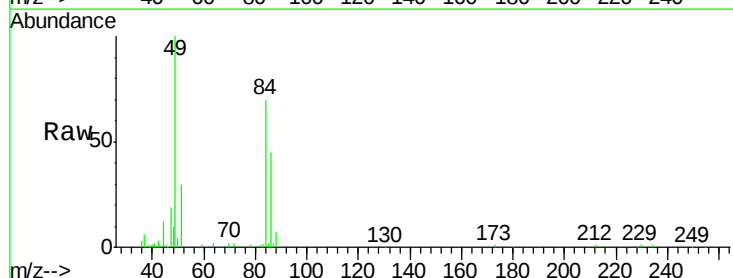
Ion Ratio Lower Upper

84 100

49 135.4 122.8 184.2

51 38.6 40.1 60.1#

86 62.1 51.7 77.5

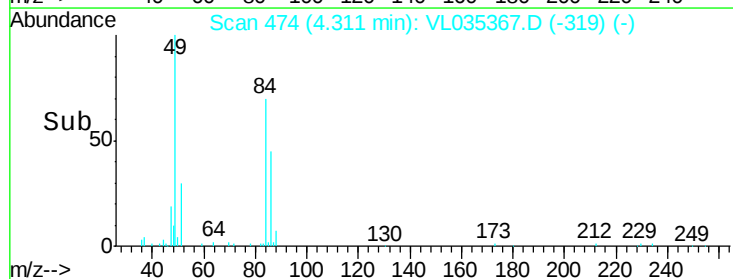
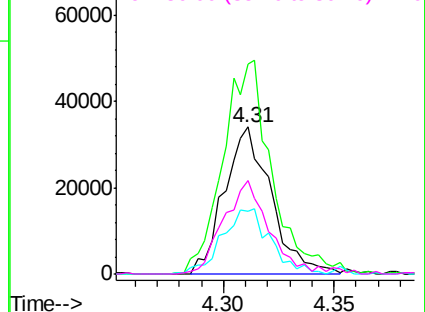


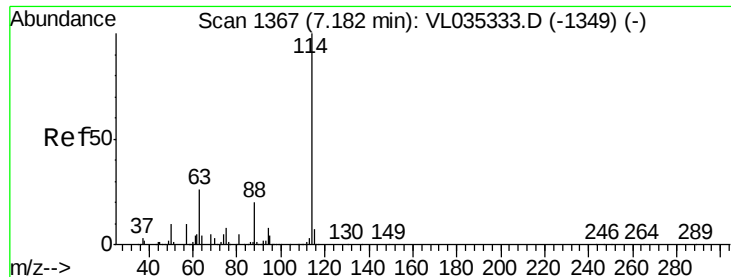
Abundance Ion 84.00 (83.70 to 84.70): VL0

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





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.17 min Scan# 1362

Delta R.T. -0.02 min

Lab File: VL035367.D

Acq: 7 Aug 2020 3:44

Instrument :

MSVOA_L

ClientSampleId :

QC080320 CAN 10439

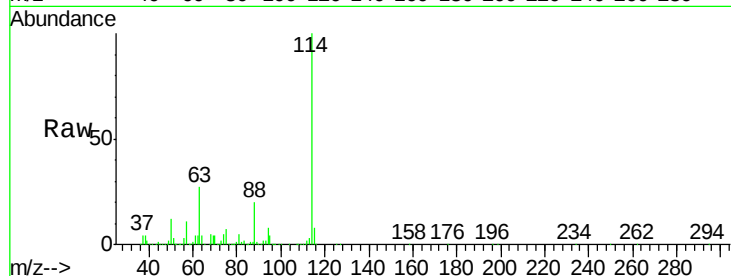
Tgt Ion:114 Resp: 2938402

Ion Ratio Lower Upper

114 100

63 26.6 21.3 31.9

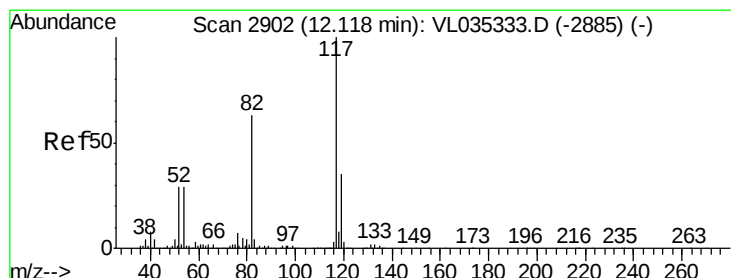
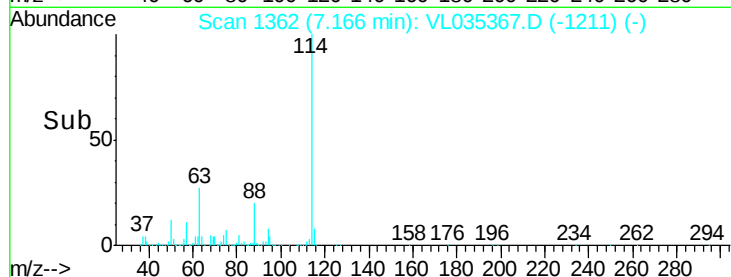
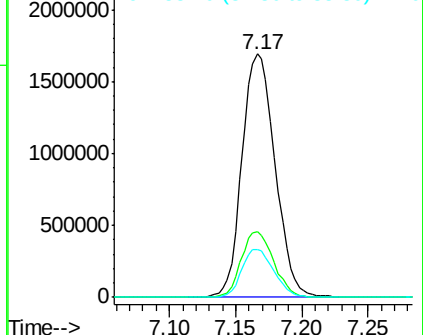
88 19.3 15.3 22.9



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



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.10 min Scan# 2897

Delta R.T. -0.02 min

Lab File: VL035367.D

Acq: 7 Aug 2020 3:44

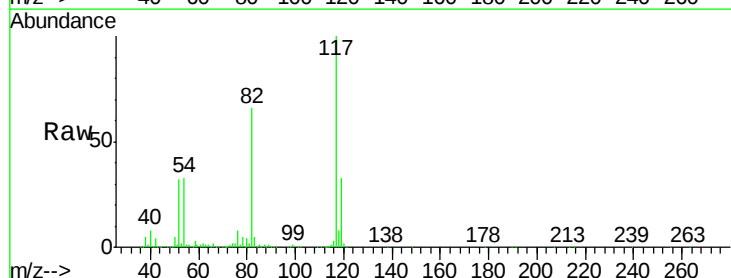
Tgt Ion:117 Resp: 2874828

Ion Ratio Lower Upper

117 100

82 67.8 51.0 76.4

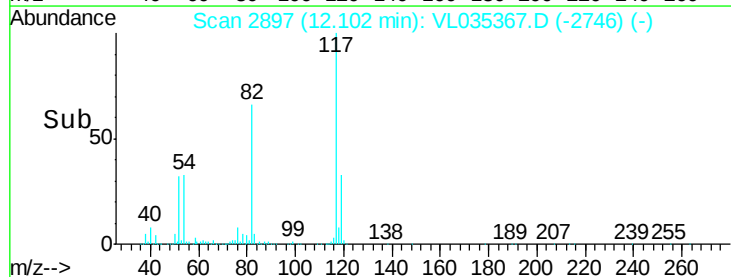
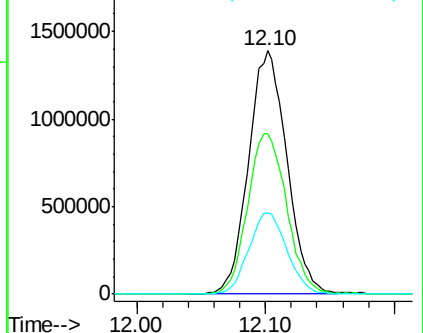
119 33.3 24.7 37.1

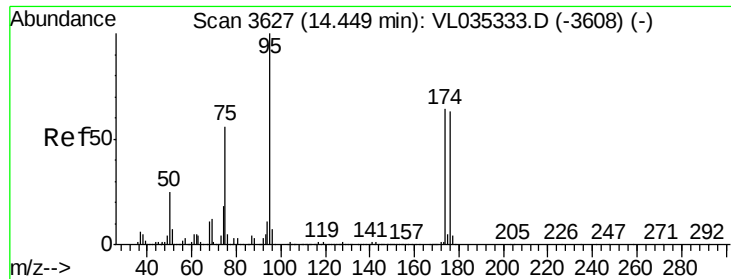


Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V





#68

1-Bromo-4-Fluorobenzene

Concen: 9.924 ppbv

RT: 14.44 min Scan# 3623

Delta R.T. -0.01 min

Lab File: VL035367.D

Acq: 7 Aug 2020 3:44

Instrument :

MSVOA_L

ClientSampleId :

QC080320 CAN 10439

Tgt Ion: 95 Resp: 2379224

Ion Ratio Lower Upper

95 100

174 66.7 53.5 80.3

175 5.0 4.2 6.2

