

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL081720\
Data File : VL035438.D
Acq On : 18 Aug 2020 10:03
Operator : SY/AP
Sample : OC081720 CAN 10315
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC081720 CAN 10315

Quant Time: Aug 19 14:45:57 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL081720AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Aug 17 19:28:30 2020
QLast Update : Mon Aug 17 19:28:30 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	1111983	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	4980443	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	5022475	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	3591762	10.22	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.20%

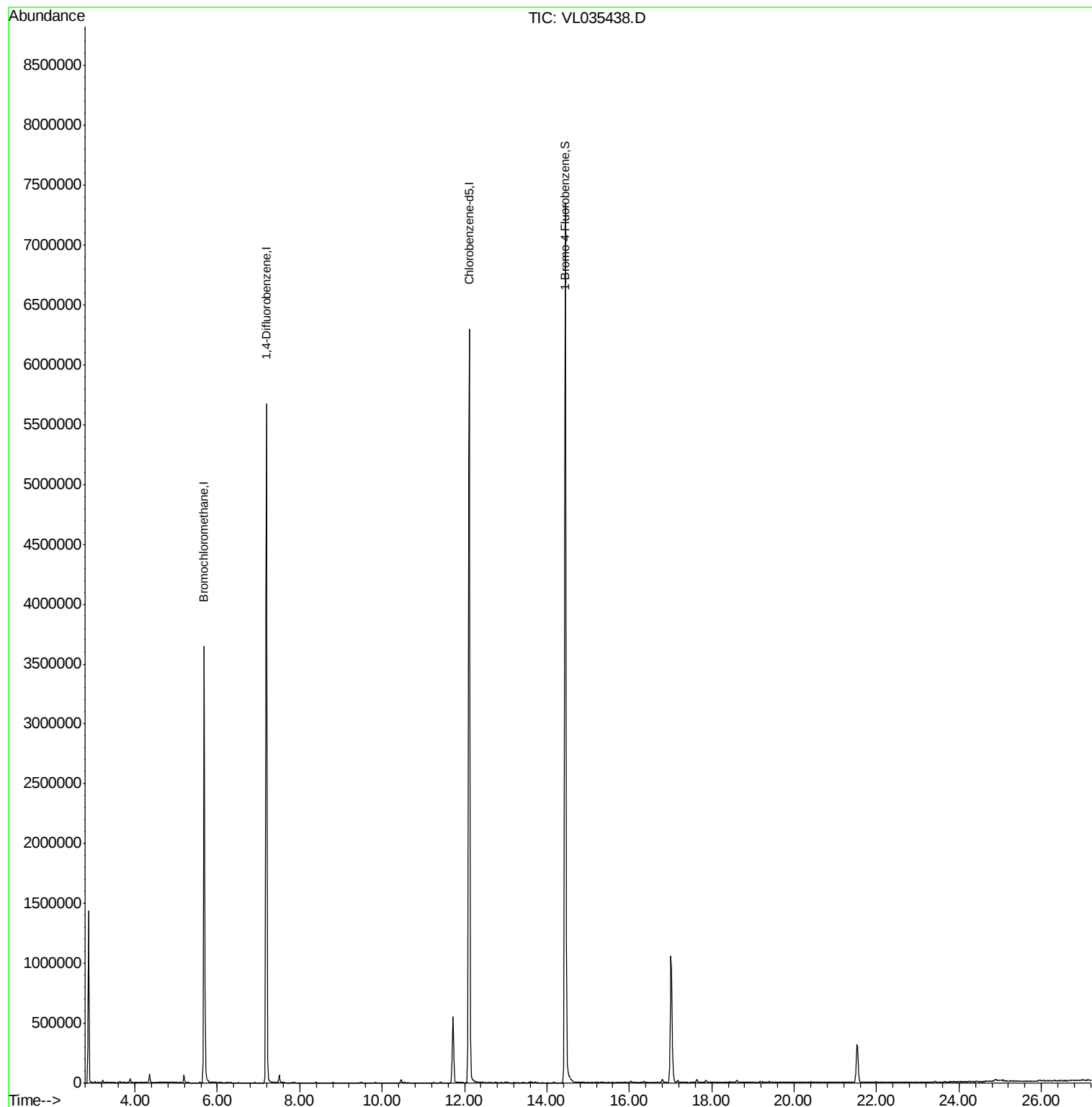
Target Compounds	Ovalue
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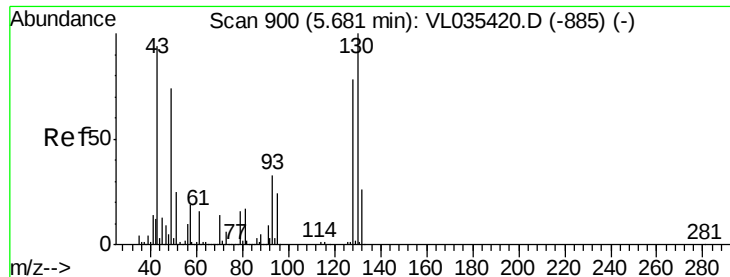
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 min Scan# 899

Delta R.T. 0.00 min

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Instrument :

MSVOA_L

ClientSampleId :

QC081720 CAN 10315

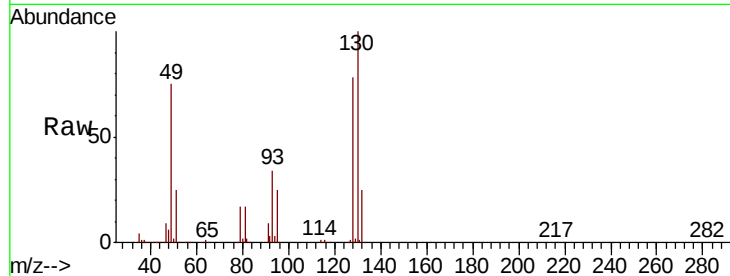
Tot Ion: 49 Resp: 1111983

Ion Ratio Lower Upper

49 100

128 104.0 20.9 62.7#

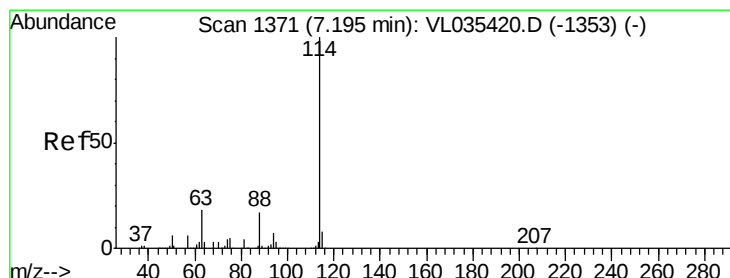
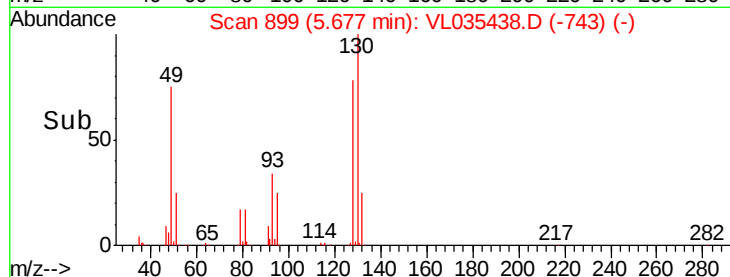
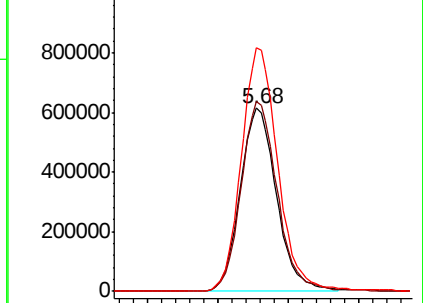
130 134.0 26.7 80.1#



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



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.19 min Scan# 1369

Delta R.T. -0.00 min

Lab File: VL035438.D

Acq: 18 Aug 2020 10:03

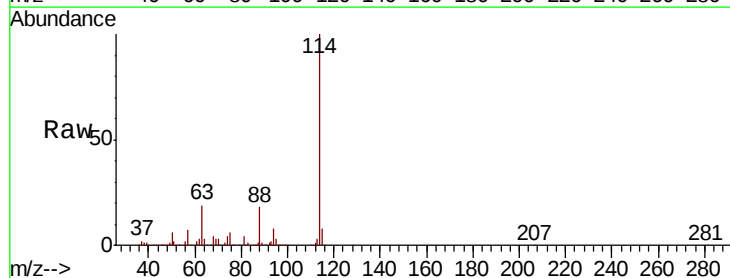
Tgt Ion: 114 Resp: 4980443

Ion Ratio Lower Upper

114 100

63 17.5 23.1 34.7#

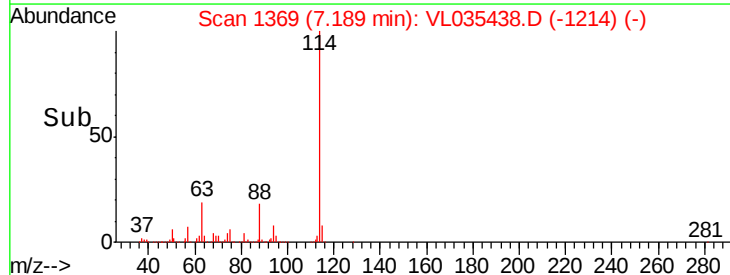
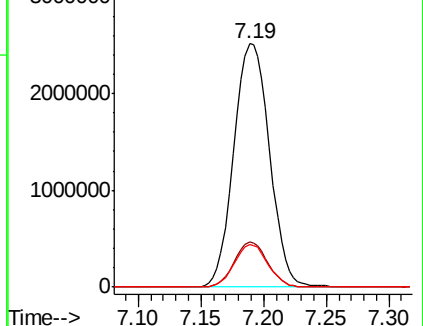
88 16.5 15.9 23.9

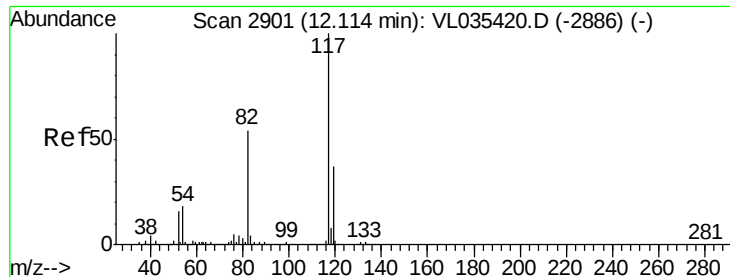


Abundance Ion 114.10 (113.80 to 114.80): V

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0

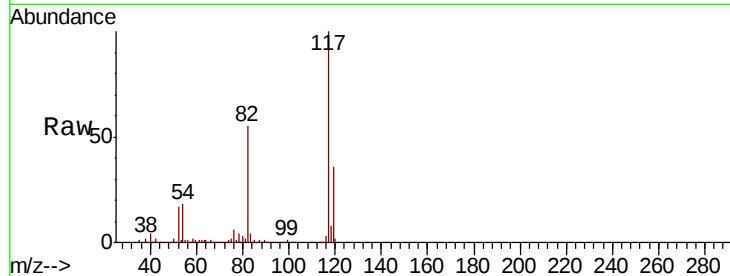




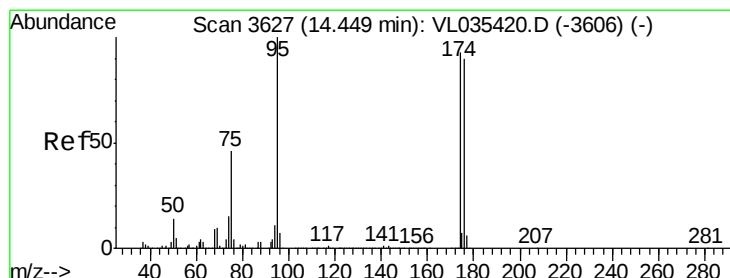
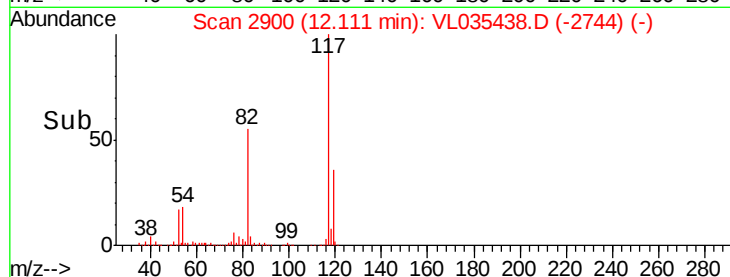
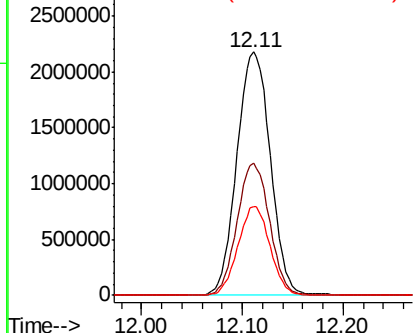
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.11 min Scan# 2900
Delta R.T. 0.00 min
Lab File: VL035438.D
Acq: 18 Aug 2020 10:03

Instrument :
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Tot Ion:117 Resp: 5022475
Ion Ratio Lower Upper
117 100
82 52.9 57.4 86.0#
119 35.1 28.4 42.6

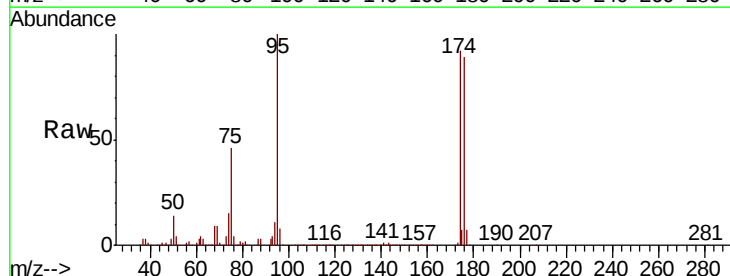


Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): VL0
Ion 119.10 (118.80 to 119.80): V



#68
1-Bromo-4-Fluorobenzene
Concen: 10.215 ppbv
RT: 14.44 min Scan# 3625
Delta R.T. 0.00 min
Lab File: VL035438.D
Acq: 18 Aug 2020 10:03

Tgt Ion: 95 Resp: 3591762
Ion Ratio Lower Upper
95 100
174 95.7 44.0 66.0#
175 7.0 3.2 4.8#



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

