

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL071119\
 Data File : VL034020.D
 Acq On : 11 Jul 2019 16:41
 Operator : SY/AP
 Sample : OC070819 CAN 10677
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC070819 CAN 10677

Quant Time: Jul 12 10:23:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL070219AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_LTue Jul 02 19:31:31 2019
 QLast Update : Tue Jul 02 19:31:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.72	49	1063479	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.25	114	2762685	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.19	117	2644203	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.53	95	2144353	9.51	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.10%

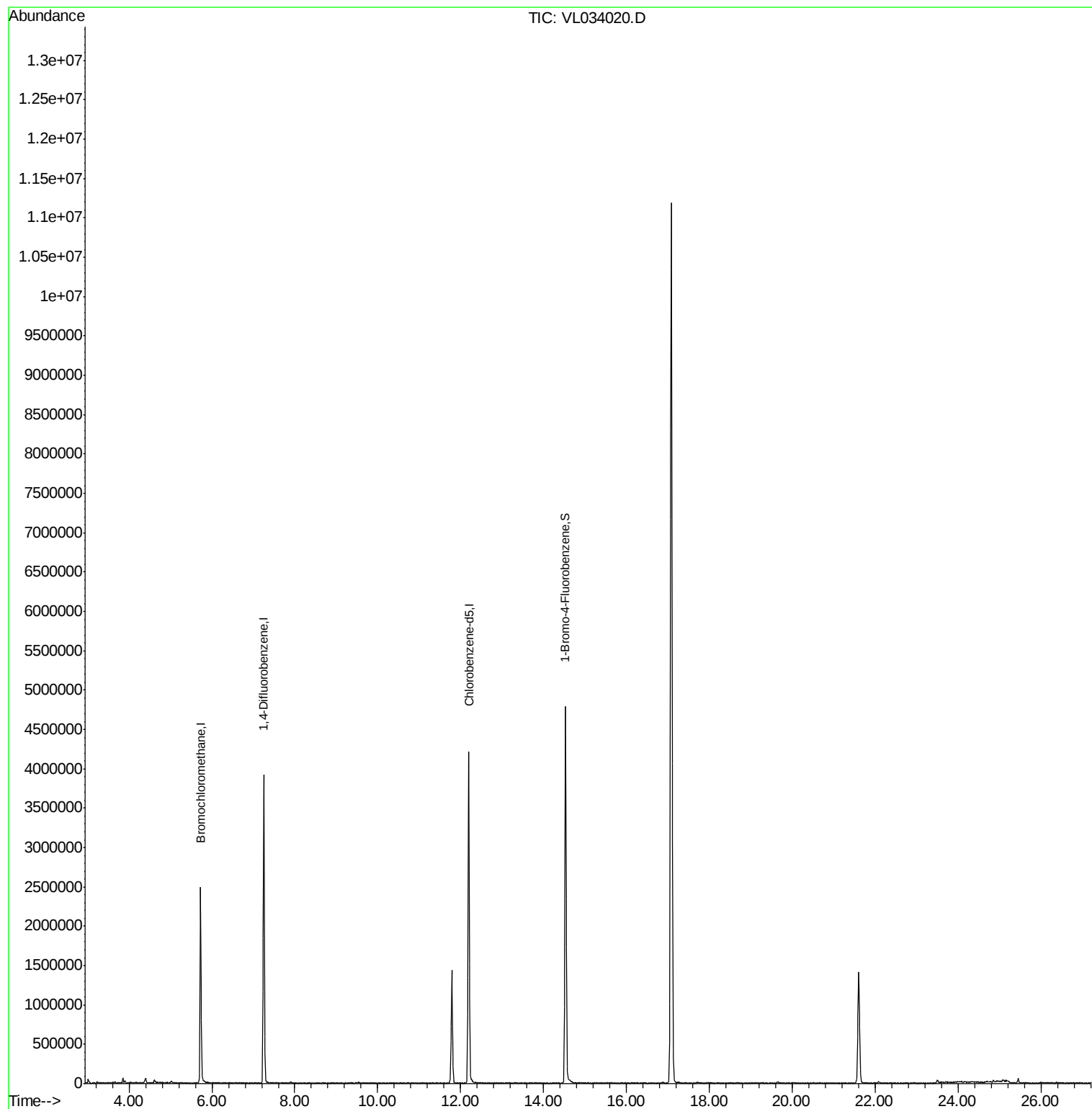
Target Compounds	Ovalue

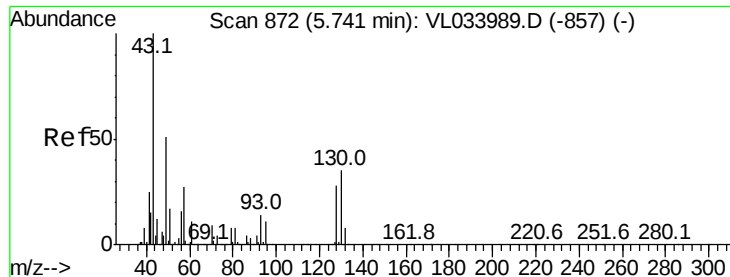
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.72 min Scan# 867

Delta R.T. -0.02 min

Lab File: VL034020.D

Acq: 11 Jul 2019 16:41

Instrument :

MSVOA_L

ClientSampleId :

QC070819 CAN 10677

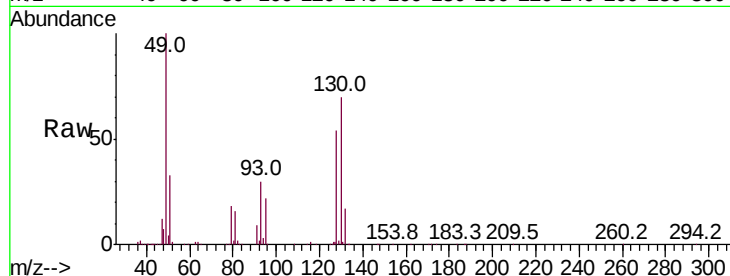
Tot Ion: 49 Resp: 1063479

Ion Ratio Lower Upper

49 100

128 57.2 27.9 83.6

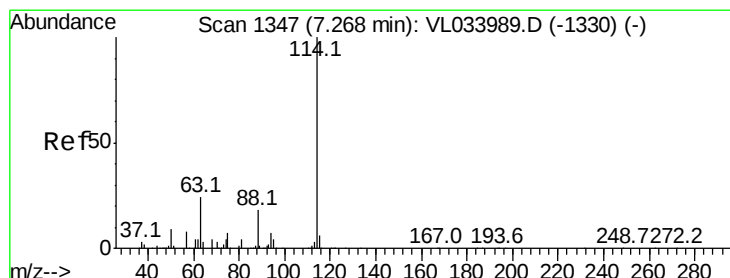
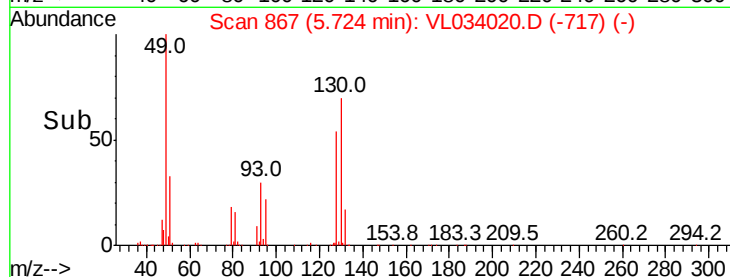
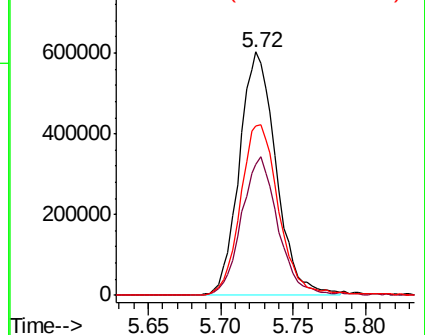
130 73.8 35.8 107.4



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: 7.25 min Scan# 1341

Delta R.T. -0.02 min

Lab File: VL034020.D

Acq: 11 Jul 2019 16:41

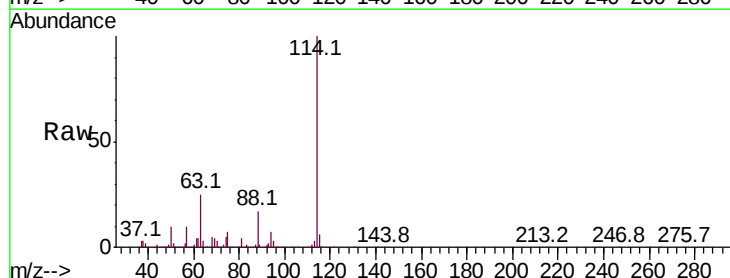
Tgt Ion: 114 Resp: 2762685

Ion Ratio Lower Upper

114 100

63 24.8 20.2 30.2

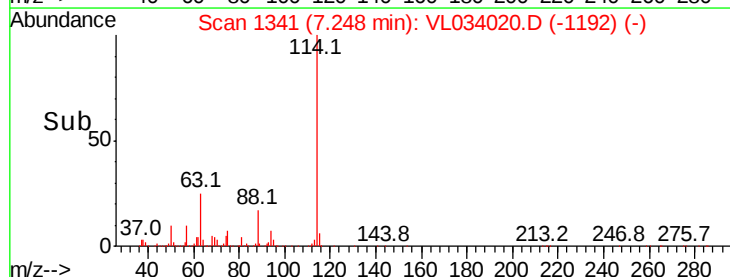
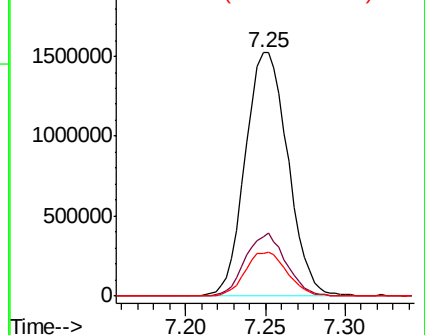
88 17.9 14.1 21.1

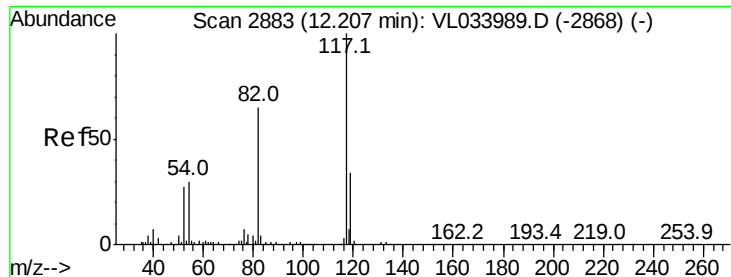


Abundance Ion 114.10 (113.80 to 114.80): V

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0

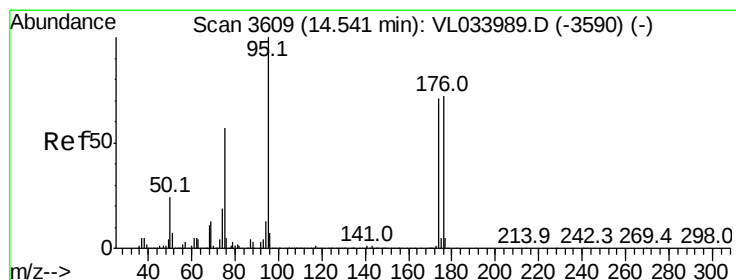
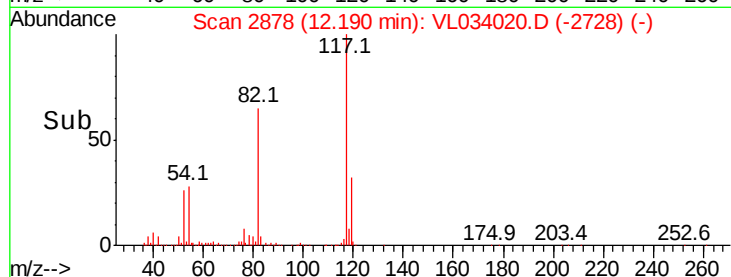
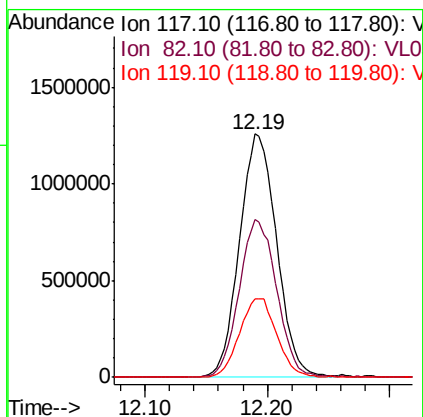
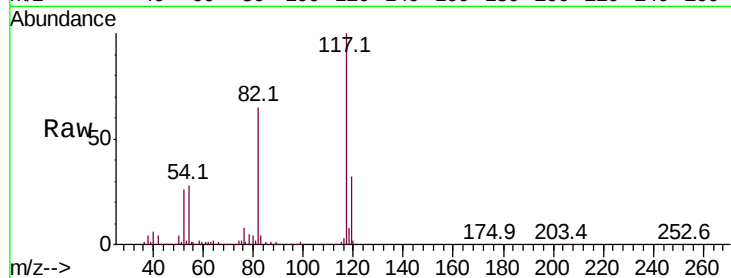




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.19 min Scan# 2878
Delta R.T. -0.02 min
Lab File: VL034020.D
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Instrument :
MSVOA_L
ClientSampleId :
QC070819 CAN 10677

Tot Ion:117 Resp: 2644203
Ion Ratio Lower Upper
117 100
82 66.0 50.8 76.2
119 32.5 24.0 36.0



#68
1-Bromo-4-Fluorobenzene
Concen: 9.508 ppbv
RT: 14.53 min Scan# 3605
Delta R.T. -0.01 min
Lab File: VL034020.D
Acq: 11 Jul 2019 16:41

Tgt Ion: 95 Resp: 2144353
Ion Ratio Lower Upper
95 100
174 73.1 60.5 90.7
175 5.2 4.0 6.0

