

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL071719\
Data File : VL034045.D
Acq On : 18 Jul 2019 9:59
Operator : SY/AP
Sample : OC071719 CAN 10152
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC071719 CAN 10152

Quant Time: Jul 18 12:20:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL070219AIR.M
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Tue 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	860218	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.25	114	2282786	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.19	117	2483541	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.52	95	1971362	9.31	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	93.10%

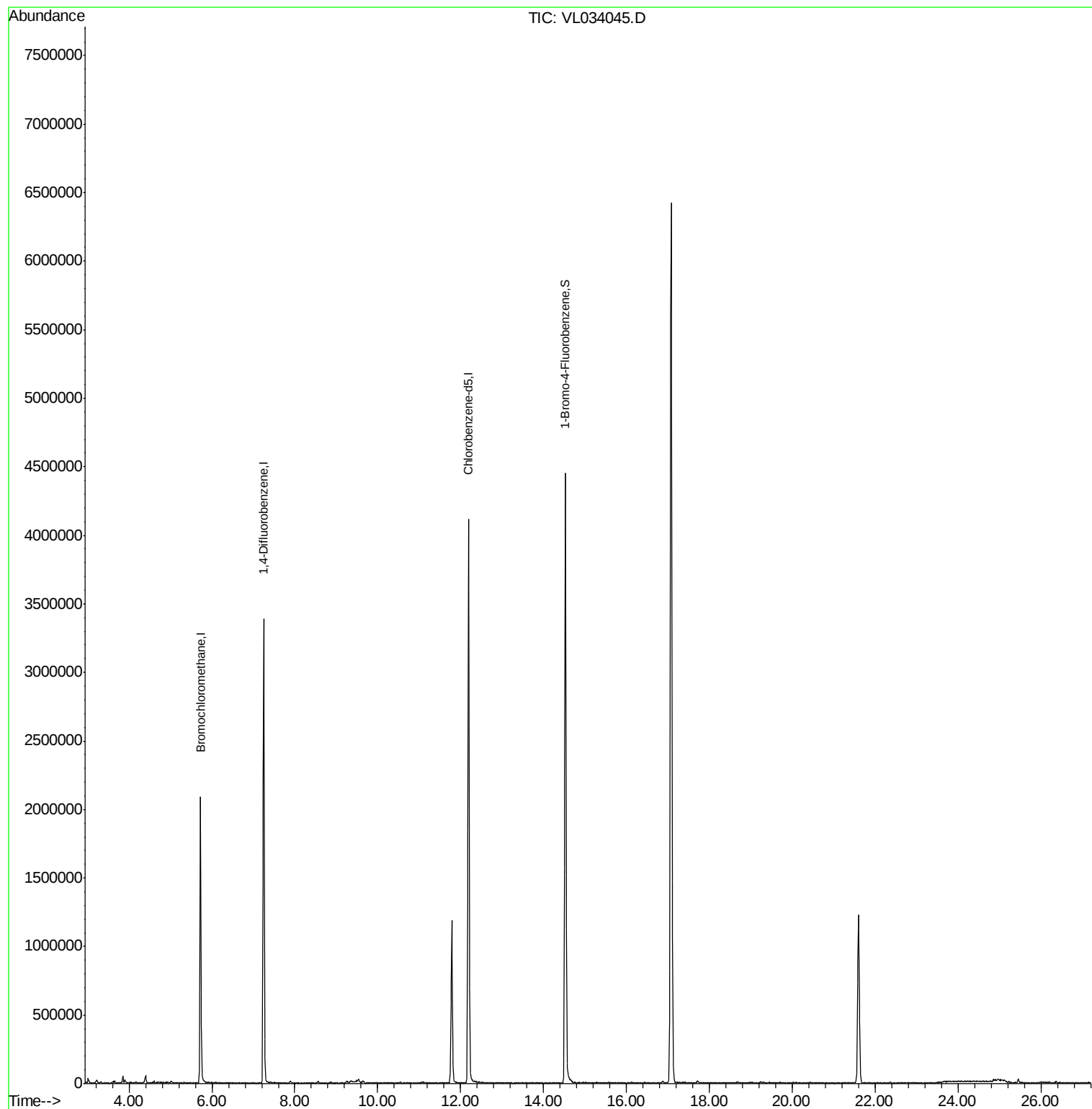
Target Compounds	Ovalue
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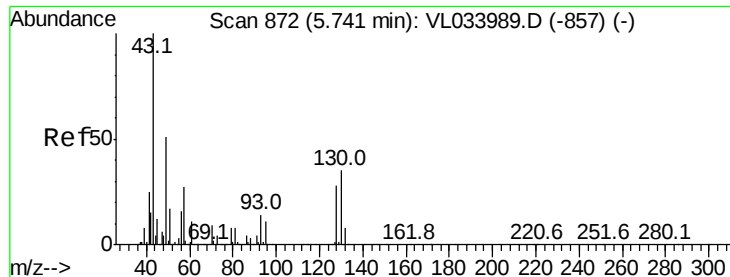
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.72 min Scan# 866

Delta R.T. -0.02 min

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Instrument :

MSVOA_L

ClientSampleId :

QC071719 CAN 10152

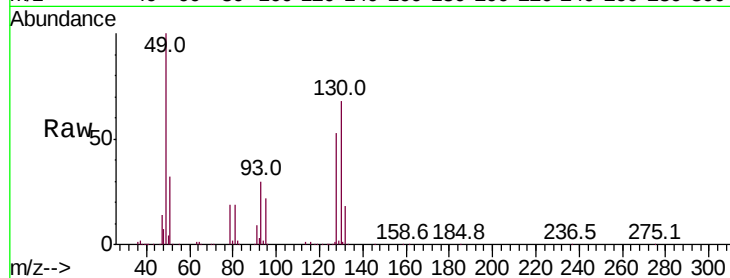
Tot Ion: 49 Resp: 860218

Ion Ratio Lower Upper

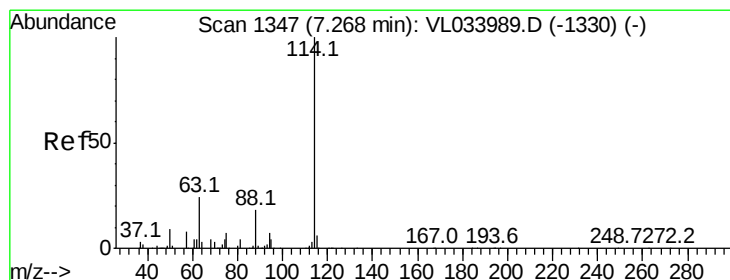
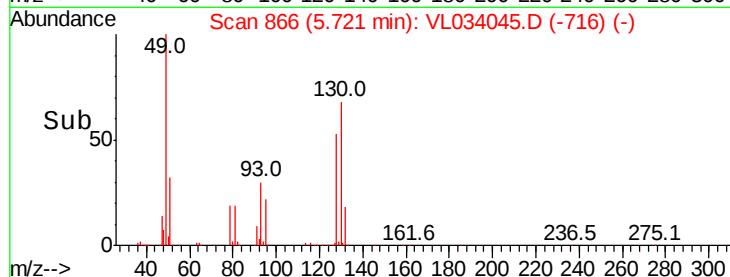
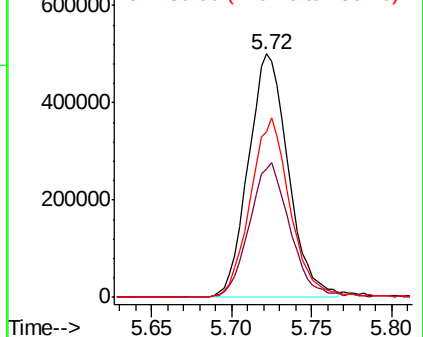
49 100

128 56.6 27.9 83.6

130 74.0 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# 1340

Delta R.T. -0.02 min

Lab File: VL034045.D

Acq: 18 Jul 2019 9:59

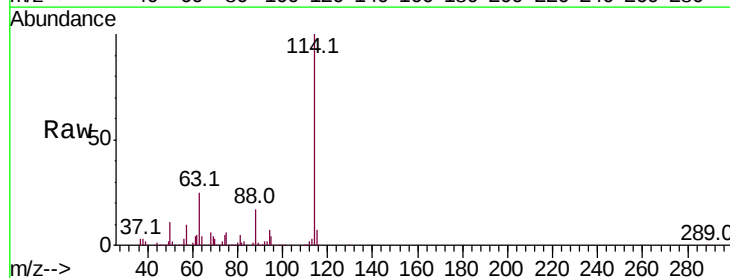
Tgt Ion:114 Resp: 2282786

Ion Ratio Lower Upper

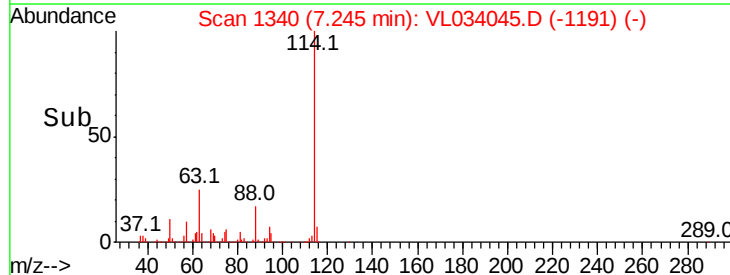
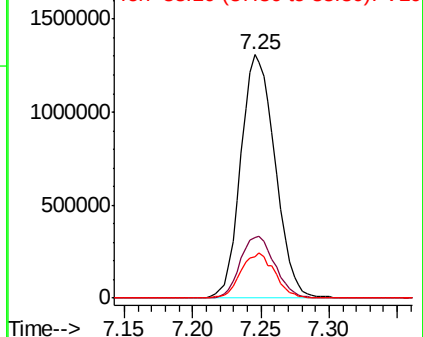
114 100

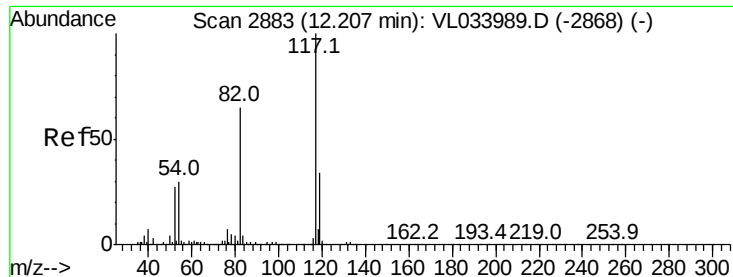
63 25.8 20.2 30.2

88 18.5 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

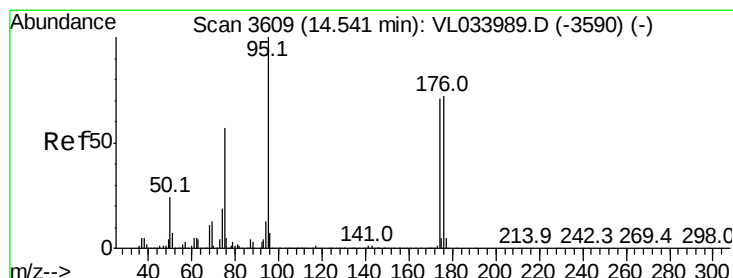
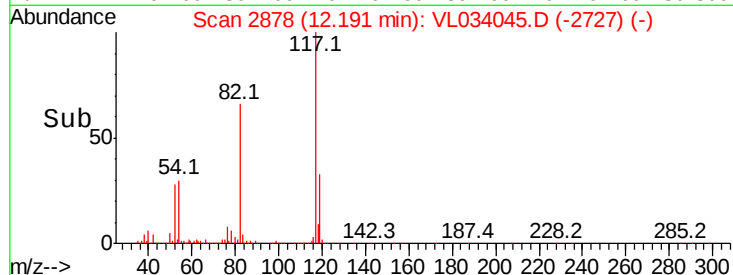
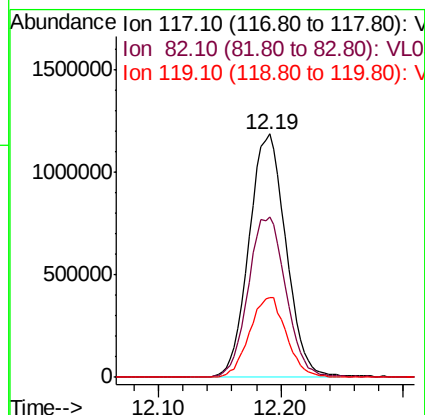
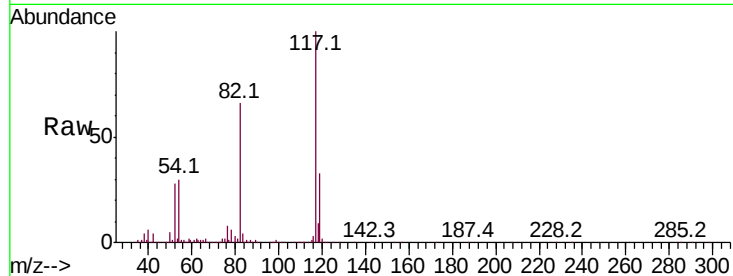




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.19 min Scan# 2878
Delta R.T. -0.02 min
Lab File: VL034045.D
Acq: 18 Jul 2019 9:59

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ClientSampleId :
QC071719 CAN 10152

Tot Ion:117 Resp: 2483541
Ion Ratio Lower Upper
117 100
82 67.6 50.8 76.2
119 32.9 24.0 36.0



#68
1-Bromo-4-Fluorobenzene
Concen: 9.307 ppbv
RT: 14.52 min Scan# 3604
Delta R.T. -0.02 min
Lab File: VL034045.D
Acq: 18 Jul 2019 9:59

Tgt Ion: 95 Resp: 1971362
Ion Ratio Lower Upper
95 100
174 73.0 60.5 90.7
175 5.3 4.0 6.0

