

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL073019\
Data File : VL034058.D
Acq On : 30 Jul 2019 10:01
Operator : SY/AP
Sample : OC072519 CAN 10445
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC072519 CAN 10445

Quant Time: Jul 31 02:27:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL073019AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Jul 30 06:55:18 2019
QLast Update : Tue Jul 30 06:55:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.71	49	1046700	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.24	114	4042147	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.18	117	2738095	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.52	95	2204016	10.18	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.80%

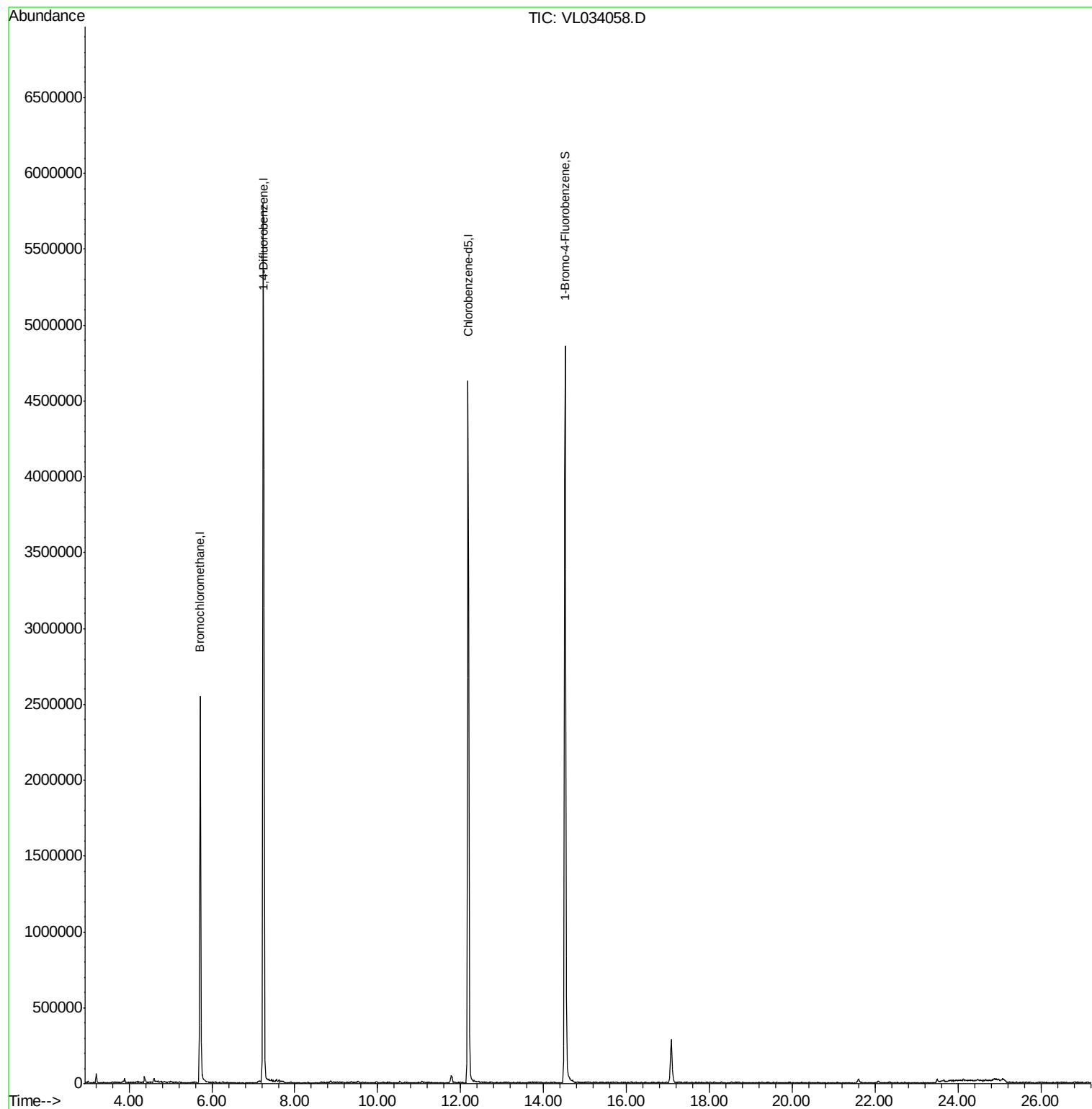
Target Compounds	Ovalue
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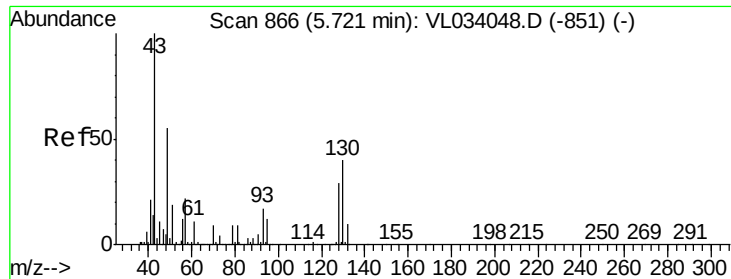
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.71 min Scan# 864

Delta R.T. -0.01 min

Lab File: VL034058.D

Acq: 30 Jul 2019 10:01

Instrument :

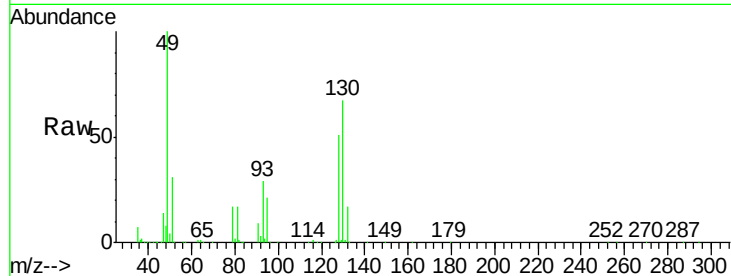
MSVOA_L

ClientSampleId :

QC072519 CAN 10445

Tot Ion: 49 Resp: 1046700

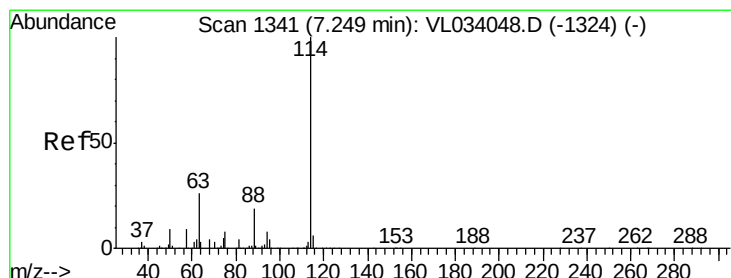
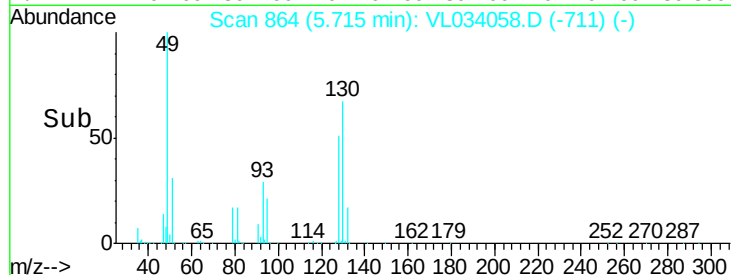
Ion	Ratio	Lower	Upper
49	100		
128	56.9	27.0	81.0
130	72.7	35.0	105.0



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



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.24 min Scan# 1339

Delta R.T. -0.01 min

Lab File: VL034058.D

Acq: 30 Jul 2019 10:01

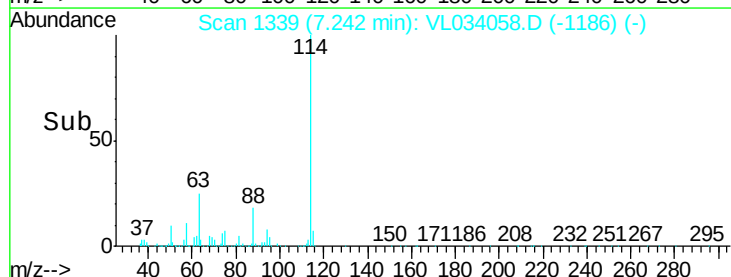
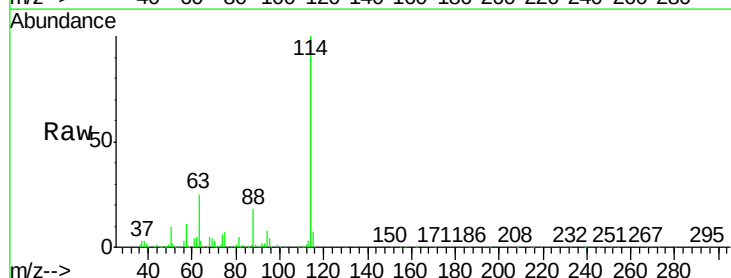
Tgt Ion: 114 Resp: 4042147

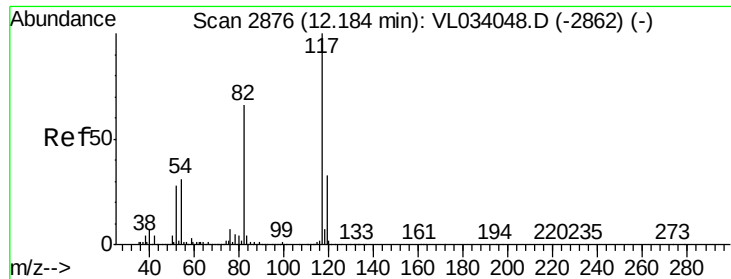
Ion	Ratio	Lower	Upper
114	100		
63	26.4	21.0	31.6
88	18.2	14.7	22.1

Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0

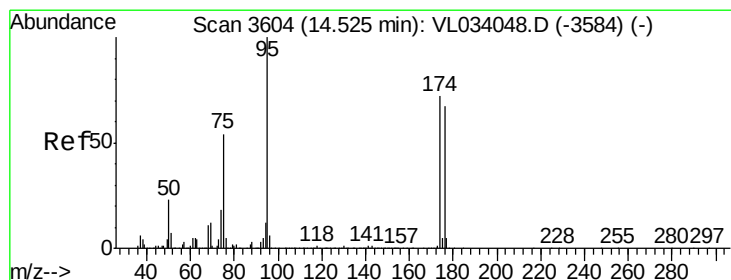
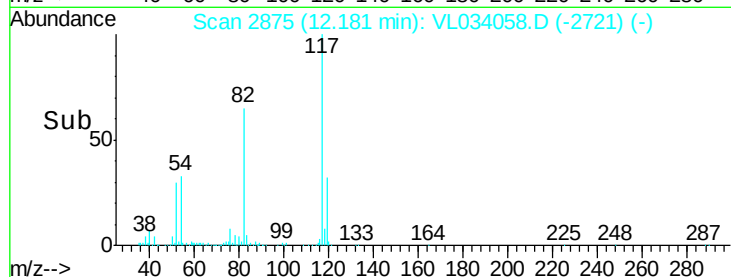
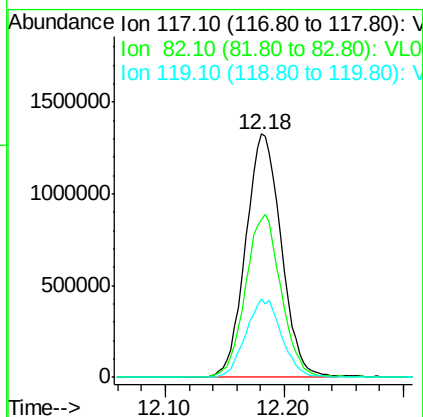
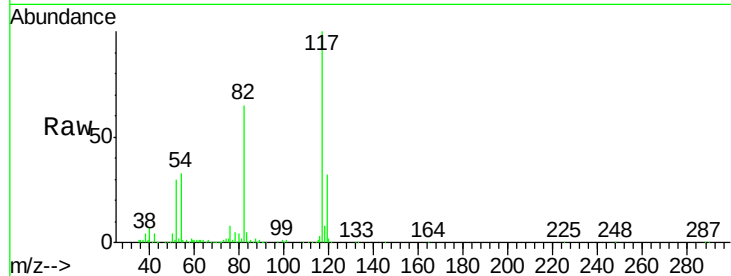




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.18 min Scan# 2875
Delta R.T. -0.00 min
Lab File: VL034058.D
Acq: 30 Jul 2019 10:01

Instrument :
MSVOA_L
ClientSampleId :
QC072519 CAN 10445

Tot Ion:117 Resp: 2738095
Ion Ratio Lower Upper
117 100
82 67.3 49.8 74.8
119 32.6 43.0 64.6#



#68
1-Bromo-4-Fluorobenzene
Concen: 10.183 ppbv
RT: 14.52 min Scan# 3602
Delta R.T. -0.01 min
Lab File: VL034058.D
Acq: 30 Jul 2019 10:01

Tgt Ion: 95 Resp: 2204016
Ion Ratio Lower Upper
95 100
174 71.9 57.6 86.4
175 5.1 4.1 6.1

