

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL052019\
Data File : VL033735.D
Acq On : 20 May 2019 22:55
Operator : SY/AP
Sample : CAN 10414
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
CAN 10414

Quant Time: May 21 10:04:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL051719AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri May 17 08:15:41 2019
QLast Update : Fri May 17 08:15:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.76	49	877664	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.28	114	2231854	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.23	117	2350662	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.57	95	1903201	9.99	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.90%

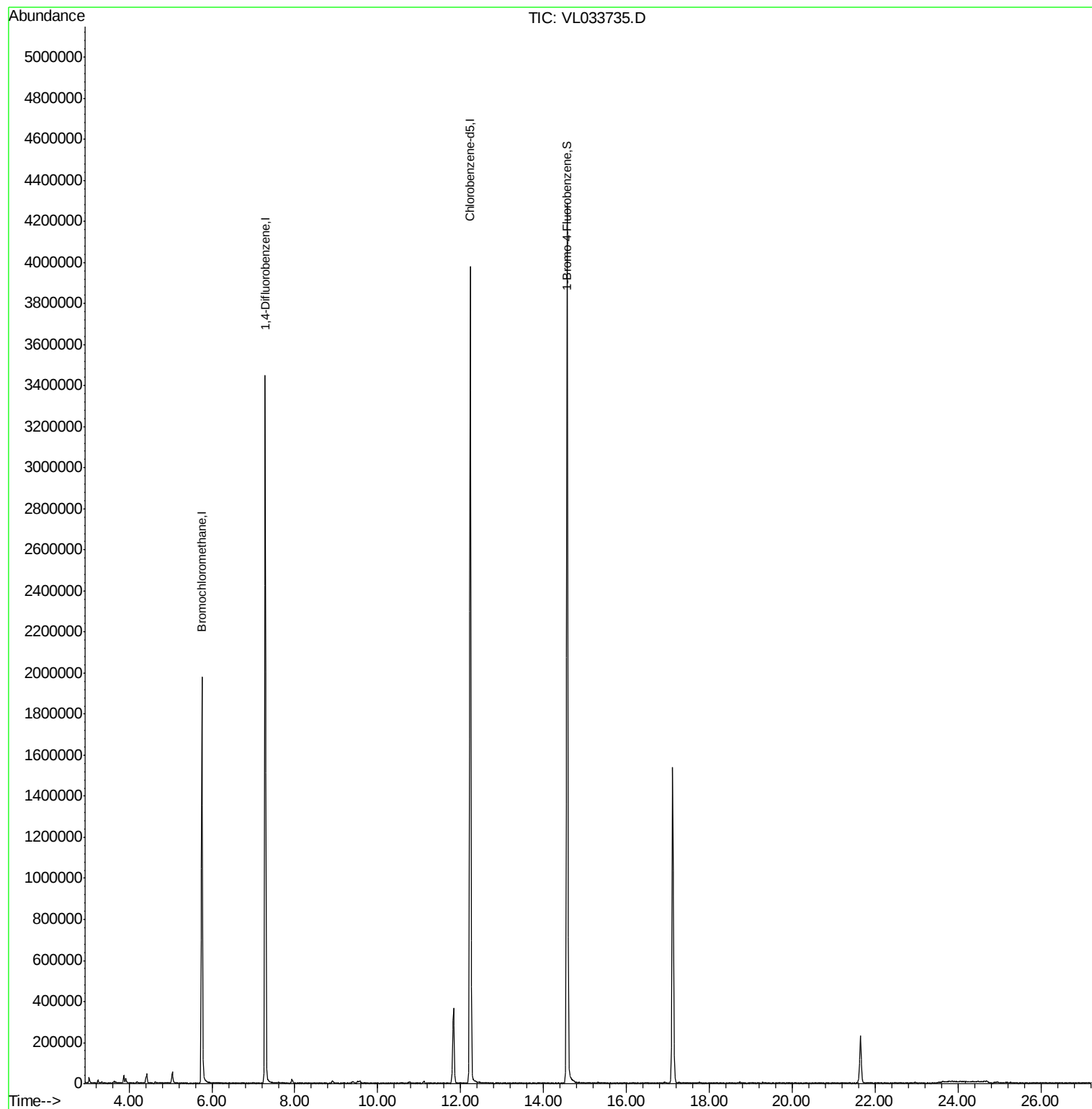
Target Compounds	Ovalue
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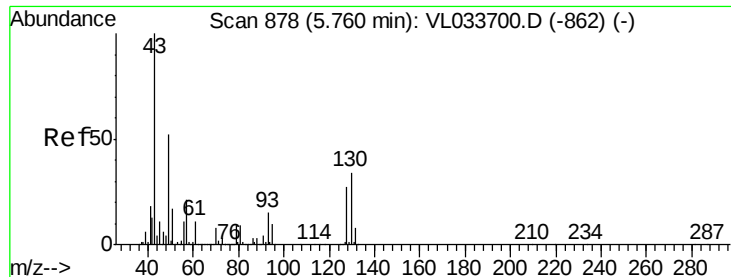
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.76 min Scan# 877

Delta R.T. -0.00 min

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ClientSampleId :

CAN 10414

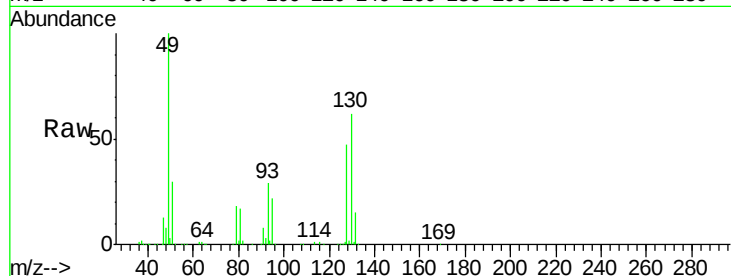
Tot Ion: 49 Resp: 877664

Ion Ratio Lower Upper

49 100

128 49.6 25.2 75.6

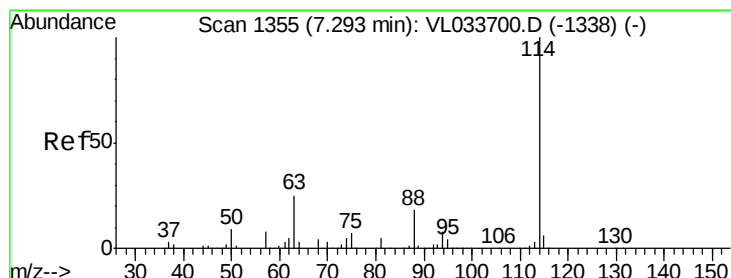
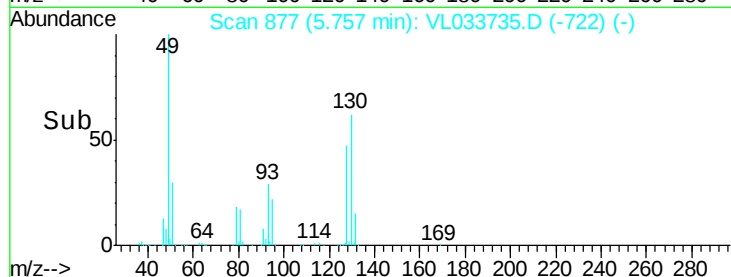
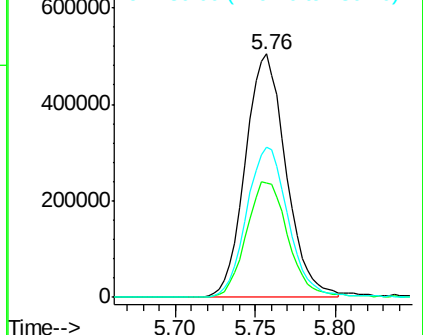
130 64.0 32.5 97.5



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: 7.28 min Scan# 1352

Delta R.T. -0.01 min

Lab File: VL033735.D

Acq: 20 May 2019 22:55

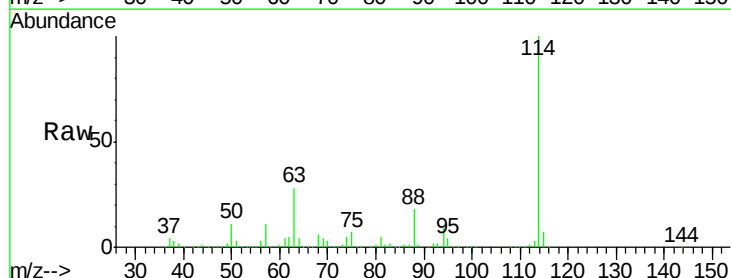
Tgt Ion: 114 Resp: 2231854

Ion Ratio Lower Upper

114 100

63 27.5 20.9 31.3

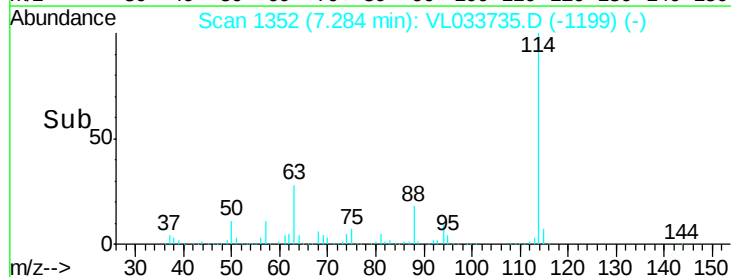
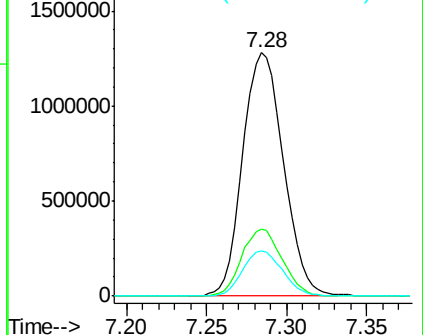
88 18.2 14.3 21.5

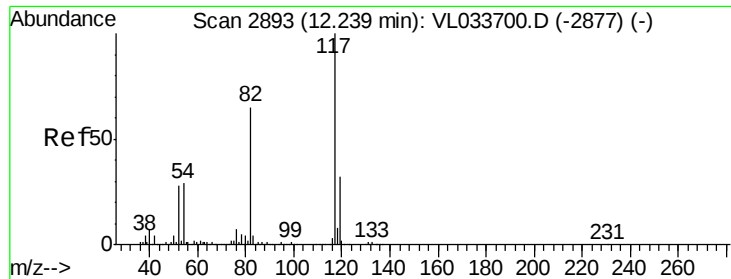


Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0

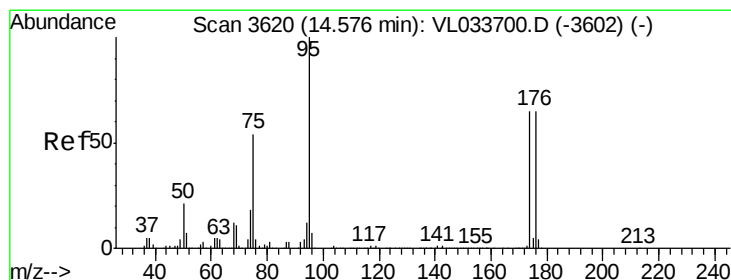
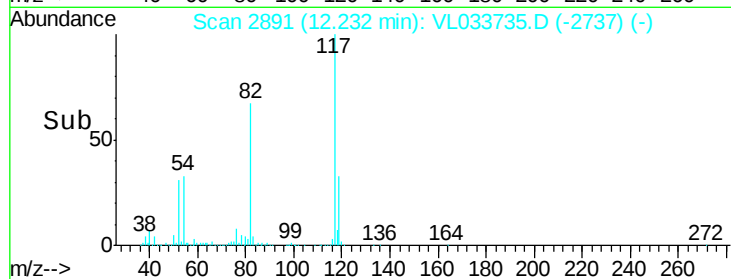
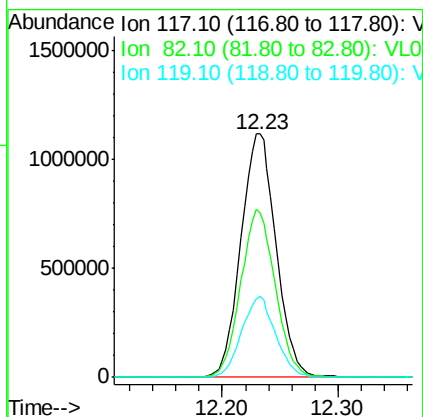
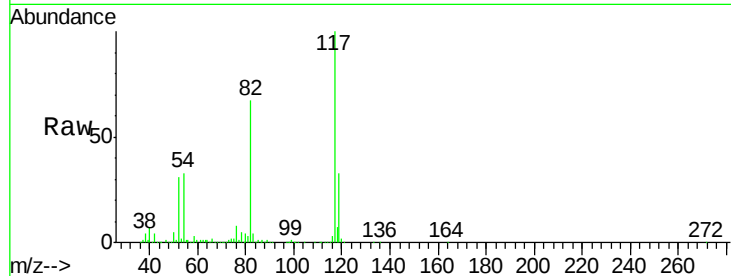




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.23 min Scan# 2891
Delta R.T. -0.01 min
Lab File: VL033735.D
Acq: 20 May 2019 22:55

Instrument :
MSVOA_L
ClientSampleId :
CAN 10414

Tot Ion:117 Resp: 2350662
Ion Ratio Lower Upper
117 100
82 67.9 49.4 74.0
119 32.1 24.9 37.3



#68
1-Bromo-4-Fluorobenzene
Concen: 9.987 ppbv
RT: 14.57 min Scan# 3617
Delta R.T. -0.01 min
Lab File: VL033735.D
Acq: 20 May 2019 22:55

Tgt Ion: 95 Resp: 1903201
Ion Ratio Lower Upper
95 100
174 65.1 53.9 80.9
175 4.6 3.8 5.8

