

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL052019\
 Data File : VL033728.D
 Acq On : 20 May 2019 17:33
 Operator : SY/AP
 Sample : CAN 10677
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 CAN 10677

Quant Time: May 21 09:59:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL051719AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 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	5.75	49	883044	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.28	114	2039484	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.23	117	2298177	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.57	95	1831770	9.83	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.30%

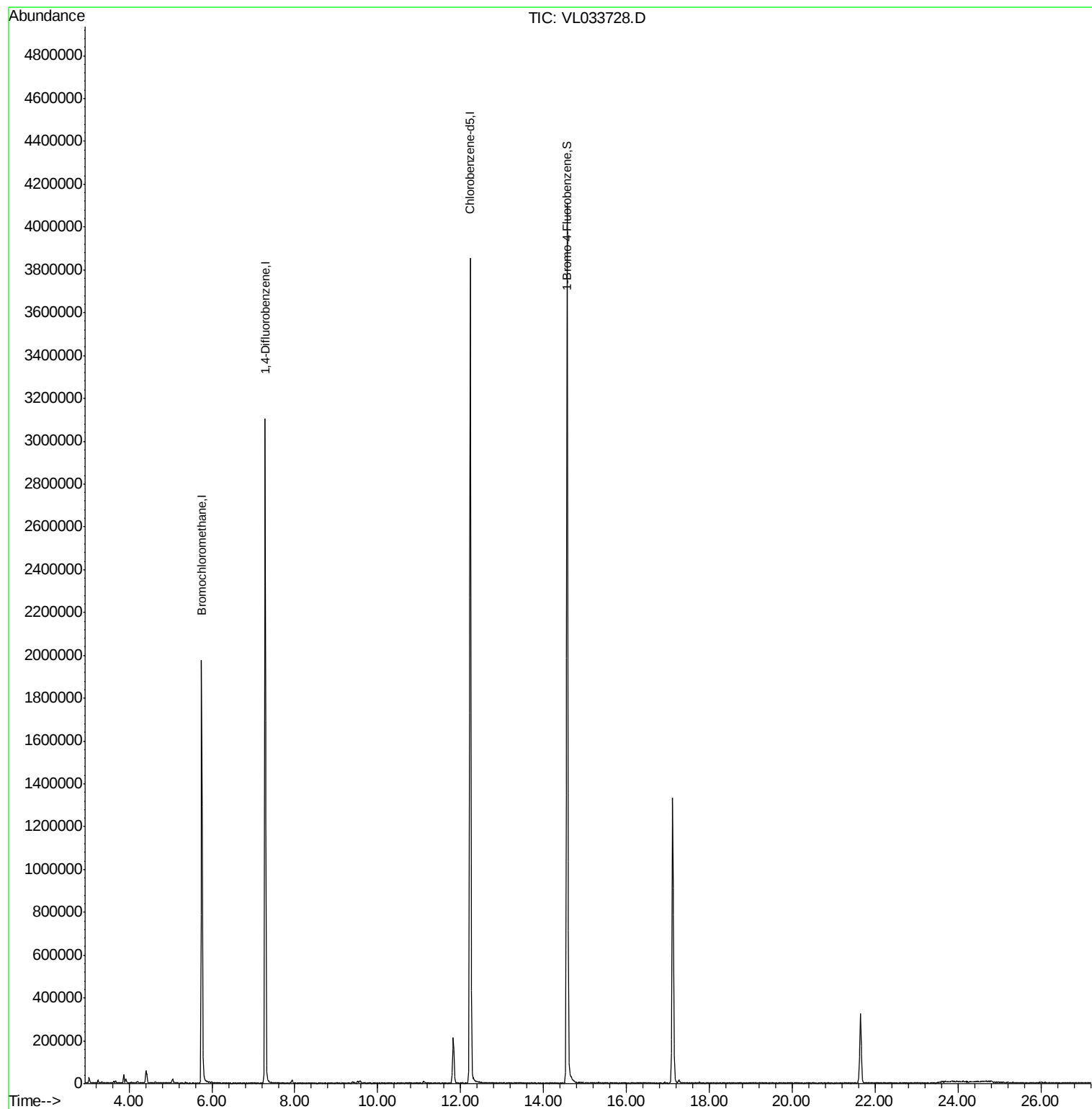
Target Compounds	Ovalue

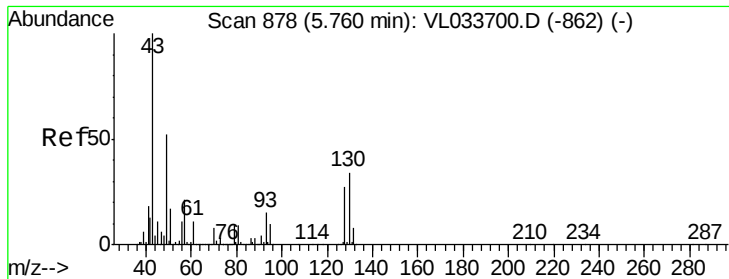
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.75 min Scan# 876

Delta R.T. -0.01 min

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MSVOA_L

ClientSampleId :

CAN 10677

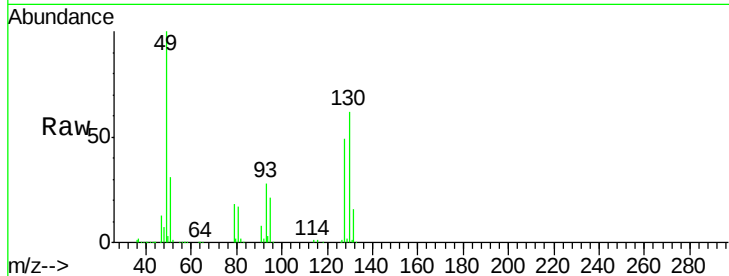
Tot Ion: 49 Resp: 883044

Ion Ratio Lower Upper

49 100

128 49.7 25.2 75.6

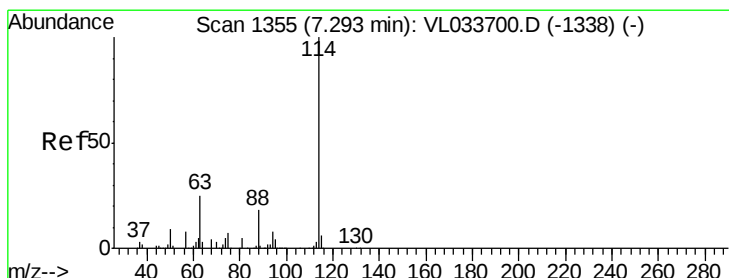
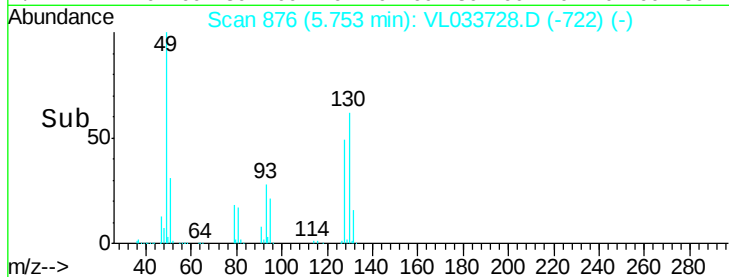
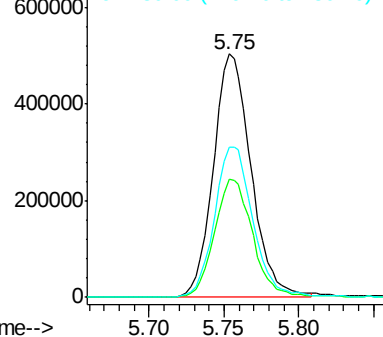
130 63.6 32.5 97.5



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: VL033728.D

Acq: 20 May 2019 17:33

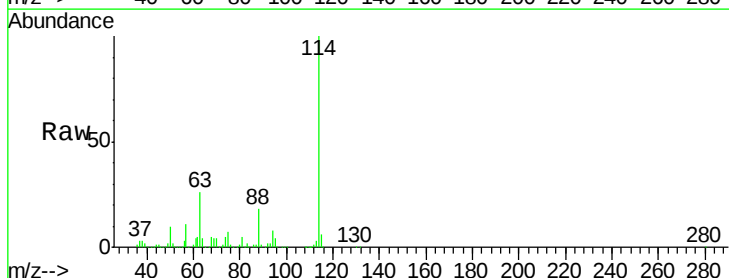
Tgt Ion: 114 Resp: 2039484

Ion Ratio Lower Upper

114 100

63 26.5 20.9 31.3

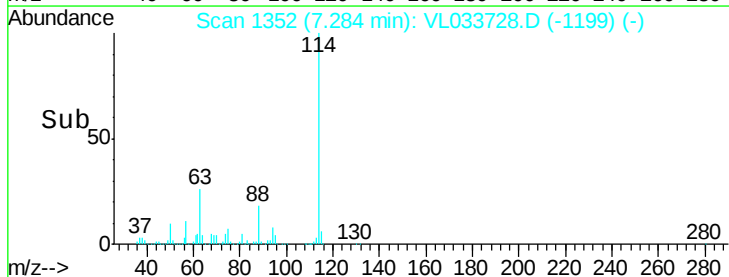
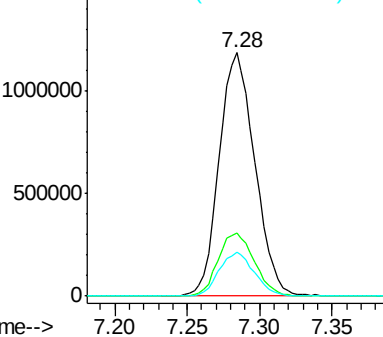
88 17.9 14.3 21.5

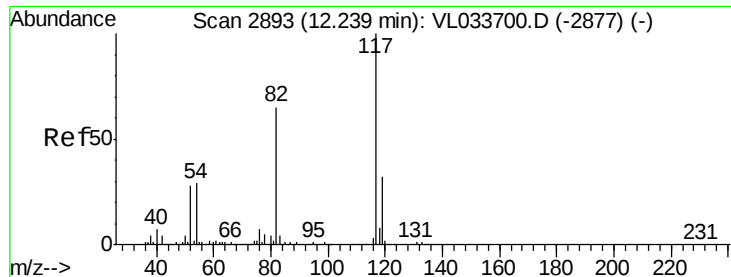


Abundance Ion 114.10 (113.80 to 114.80): VL0

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: VL033728.D

Acq: 20 May 2019 17:33

Instrument :

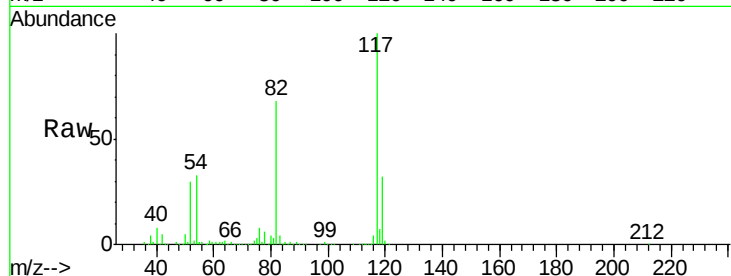
MSVOA_L

ClientSampleId :

CAN 10677

Tot Ion:117 Resp: 2298177

Ion	Ratio	Lower	Upper
117	100		
82	67.8	49.4	74.0
119	32.4	24.9	37.3

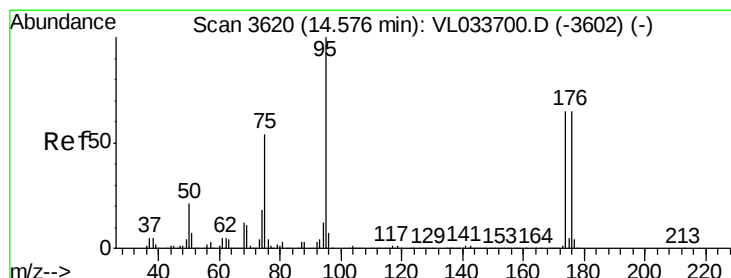
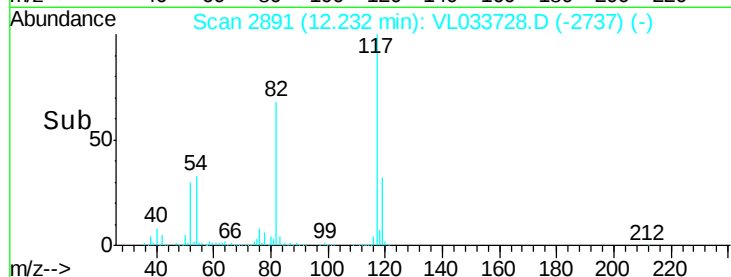
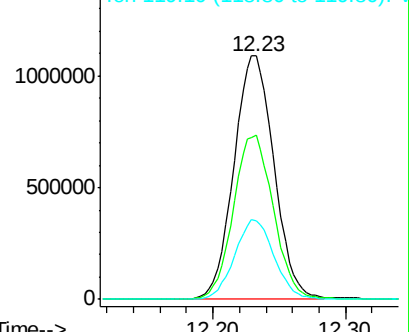


Abundance

Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): V

Ion 119.10 (118.80 to 119.80): V



#68

1-Bromo-4-Fluorobenzene

Concen: 9.832 ppbv

RT: 14.57 min Scan# 3617

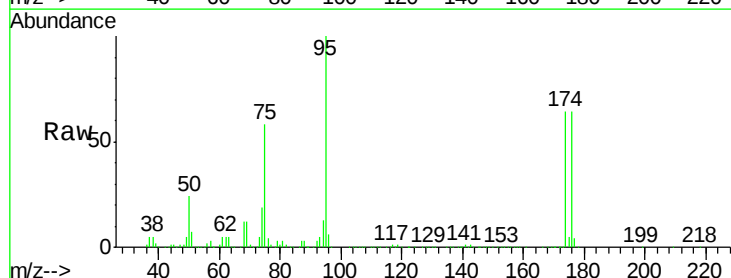
Delta R.T. -0.01 min

Lab File: VL033728.D

Acq: 20 May 2019 17:33

Tgt Ion: 95 Resp: 1831770

Ion	Ratio	Lower	Upper
95	100		
174	66.4	53.9	80.9
175	4.7	3.8	5.8



Abundance

Ion 95.10 (94.80 to 95.80): V

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V

