

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL052219\
Data File : VL033740.D
Acq On : 22 May 2019 11:31
Operator : SY/AP
Sample : VL0522ABL01
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL0522ABL01

Quant Time: May 23 04:43:21 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	999501	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.28	114	2356412	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.23	117	2351583	10.00	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.56	95	1889048	9.91	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.10%

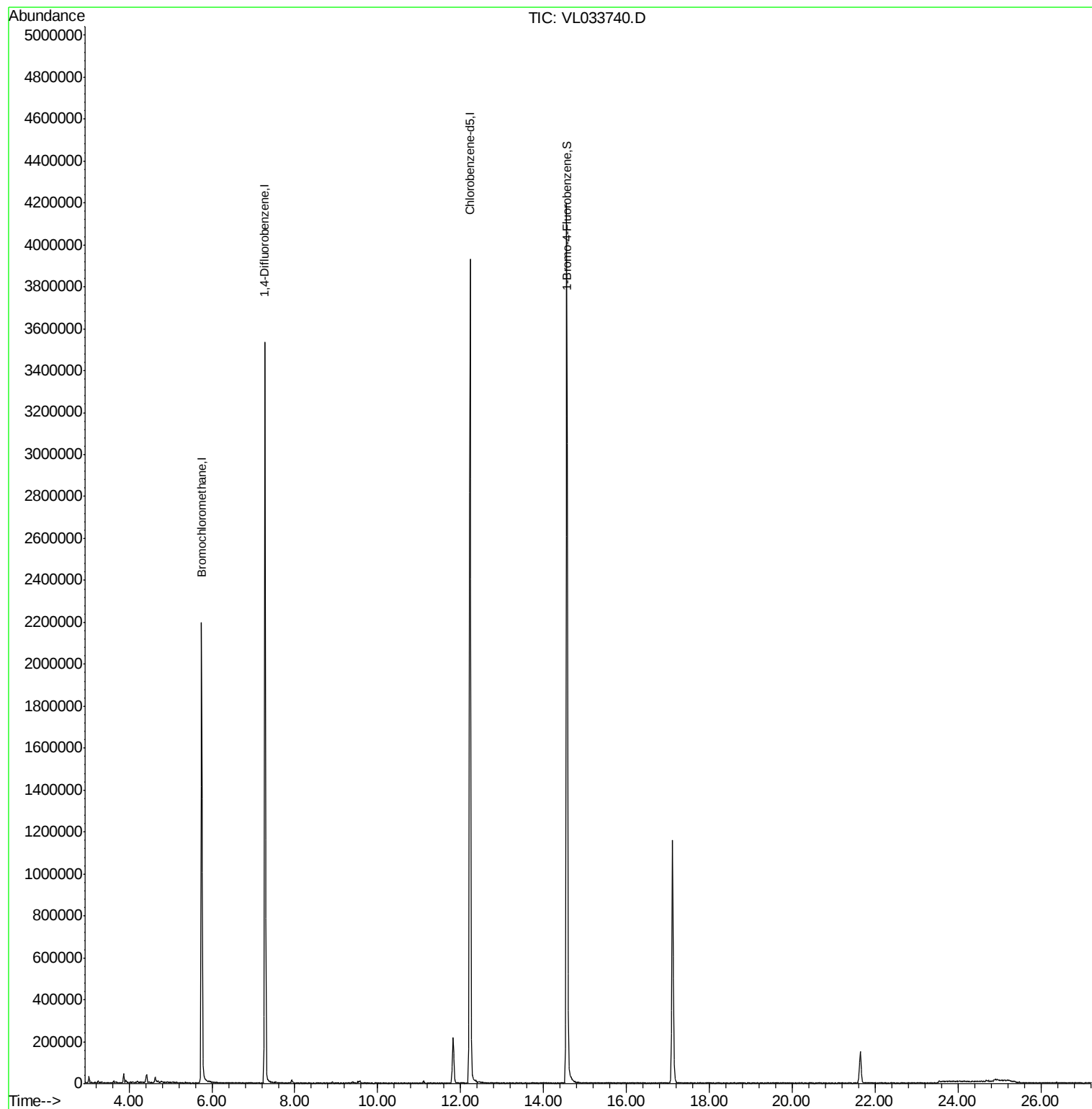
Target Compounds	Ovalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.75 min Scan# 875

Delta R.T. -0.01 min

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VL0522ABL01

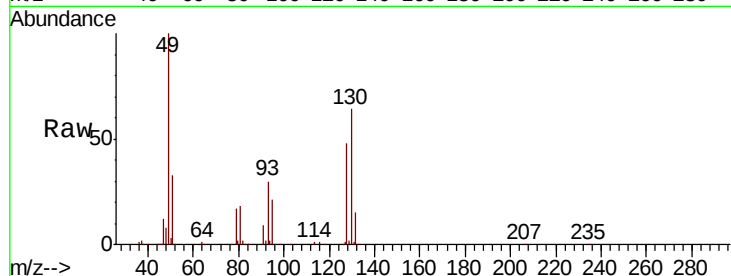
Tot Ion: 49 Resp: 999501

Ion Ratio Lower Upper

49 100

128 49.8 25.2 75.6

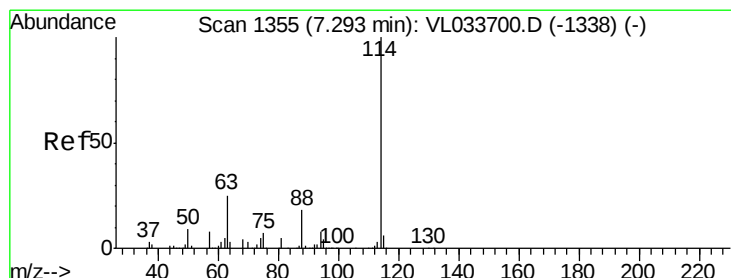
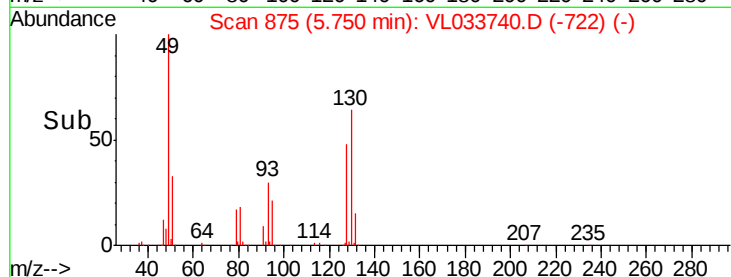
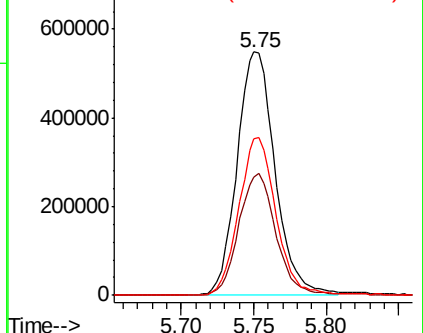
130 64.1 32.5 97.5



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# 1350

Delta R.T. -0.02 min

Lab File: VL033740.D

Acq: 22 May 2019 11:31

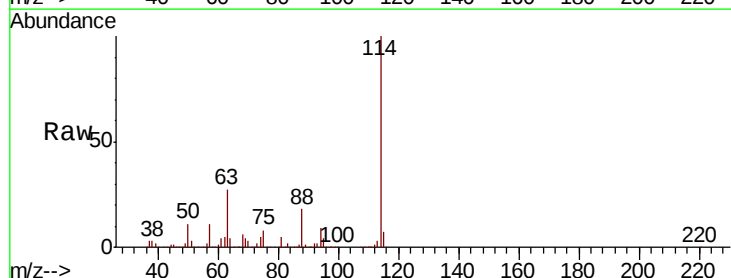
Tgt Ion: 114 Resp: 2356412

Ion Ratio Lower Upper

114 100

63 26.7 20.9 31.3

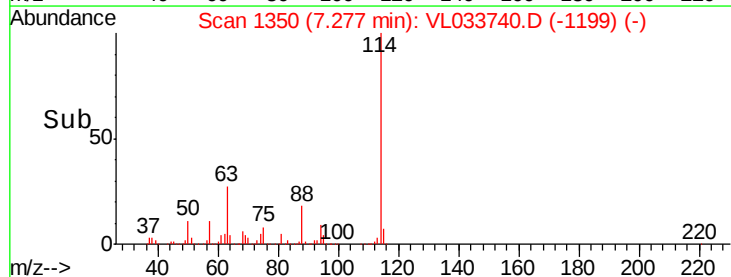
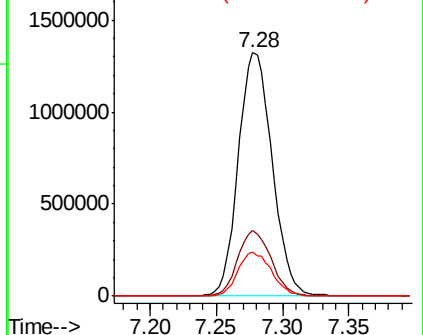
88 18.1 14.3 21.5

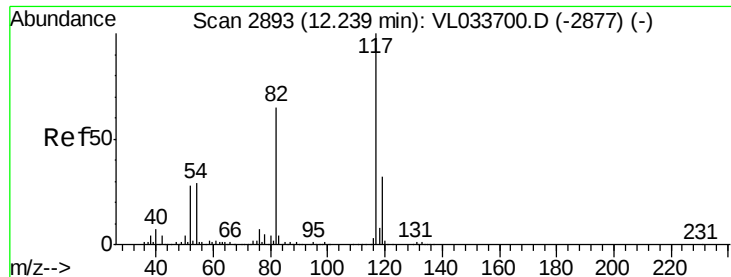


Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0

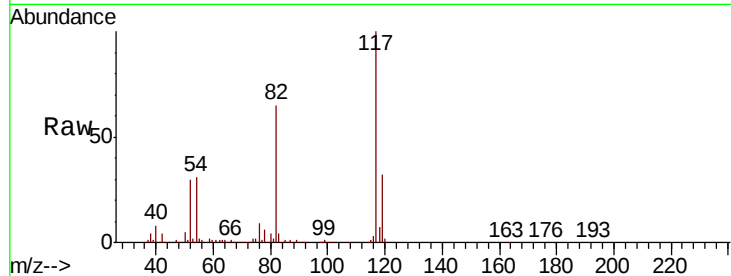




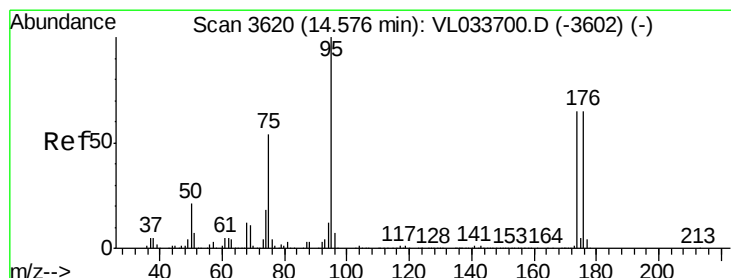
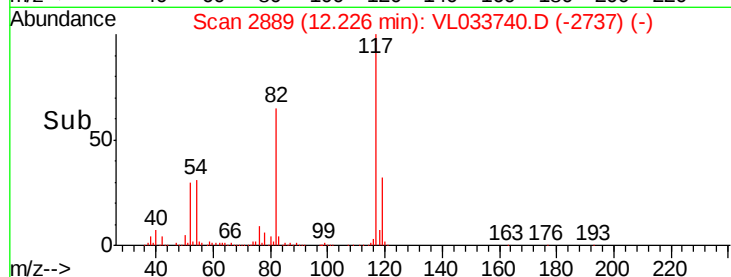
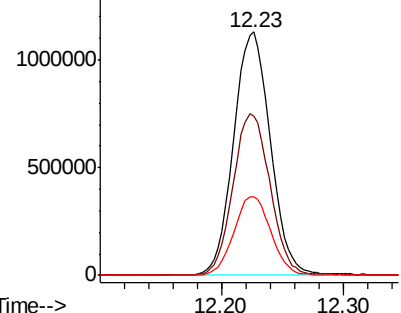
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.23 min Scan# 2889
Delta R.T. -0.01 min
Lab File: VL033740.D
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Instrument :
MSVOA_L
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VL0522ABL01

Tot Ion:117 Resp: 2351583
Ion Ratio Lower Upper
117 100
82 67.6 49.4 74.0
119 32.8 24.9 37.3

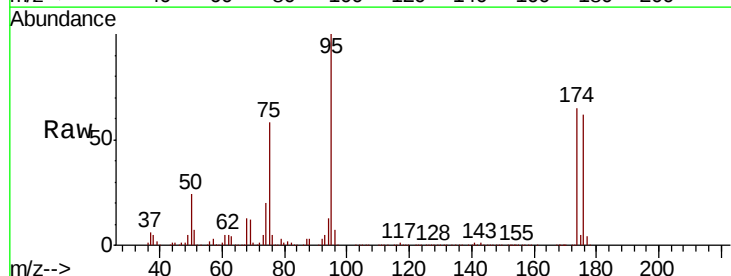


Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): VL0
Ion 119.10 (118.80 to 119.80): V



#68
1-Bromo-4-Fluorobenzene
Concen: 9.909 ppbv
RT: 14.56 min Scan# 3615
Delta R.T. -0.02 min
Lab File: VL033740.D
Acq: 22 May 2019 11:31

Tgt Ion: 95 Resp: 1889048
Ion Ratio Lower Upper
95 100
174 66.4 53.9 80.9
175 4.8 3.8 5.8



Abundance Ion 95.10 (94.80 to 95.80): VL0
Ion 174.00 (173.70 to 174.70): V
Ion 175.00 (174.70 to 175.70): V

