

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL030819\
Data File : VL033266.D
Acq On : 8 Mar 2019 20:53
Operator : SY/AP
Sample : QC022819 CAN 10314
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC022819 CAN 10314

Quant Time: Mar 09 04:59:24 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL030819AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Sat Mar 09 03:32:03 2019
QLast Update : Sat Mar 09 03:32:03 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.76	49	1013804	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	2207896	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	2258802	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.58	95	1780915	9.82	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.20%

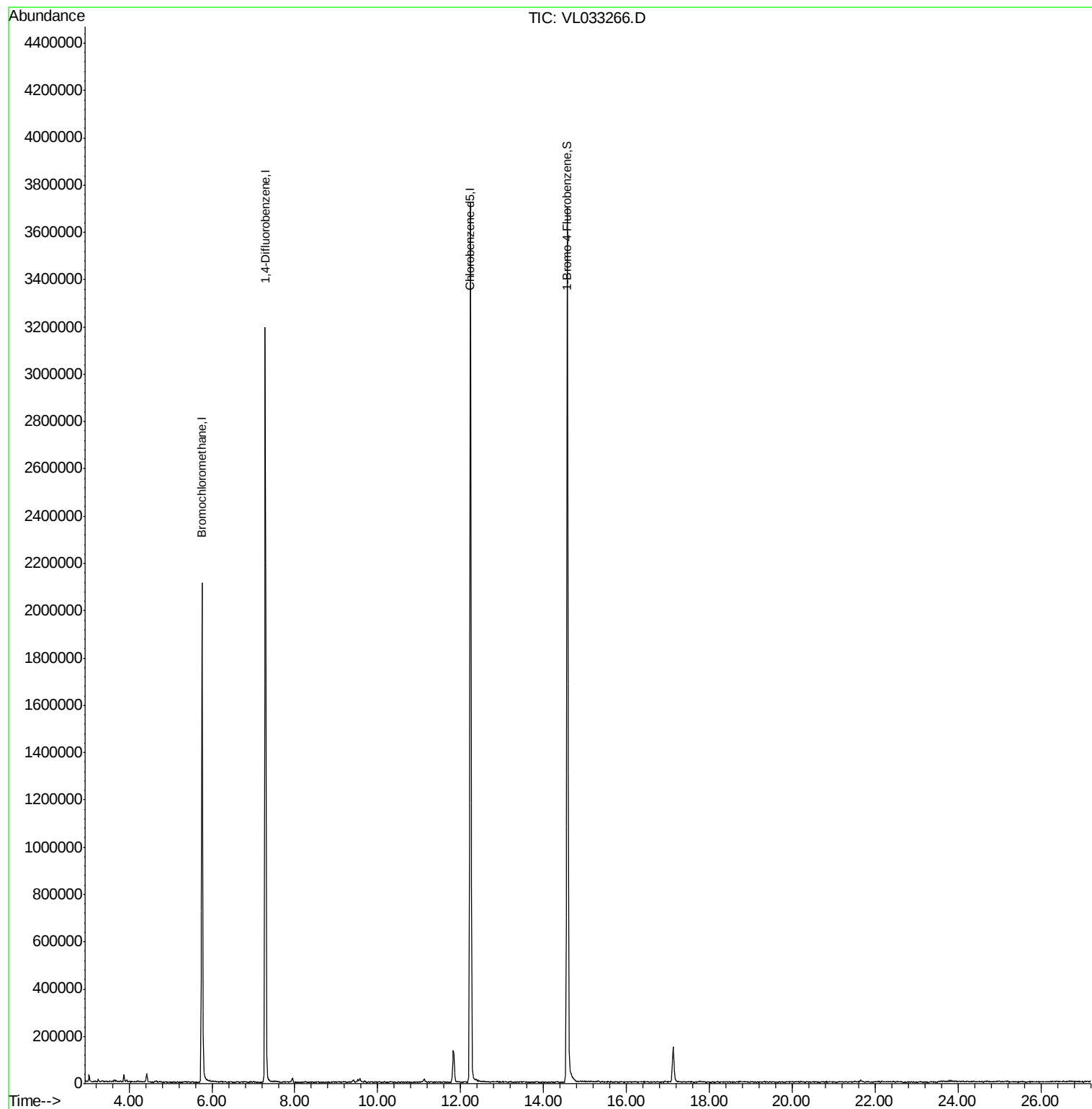
Target Compounds	Ovalue
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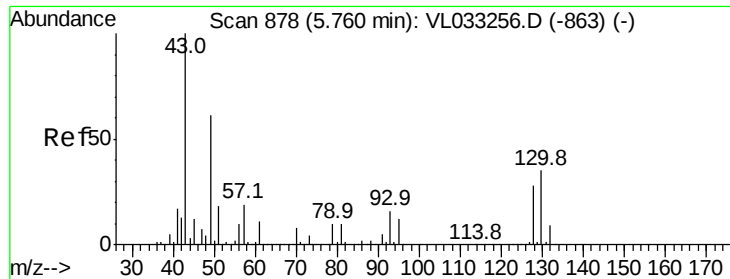
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC022819 CAN 10314

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL030819AIR.M
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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.76 min Scan# 878

Delta R.T. 0.00 min

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MSVOA_L

ClientSampleId :

QC022819 CAN 10314

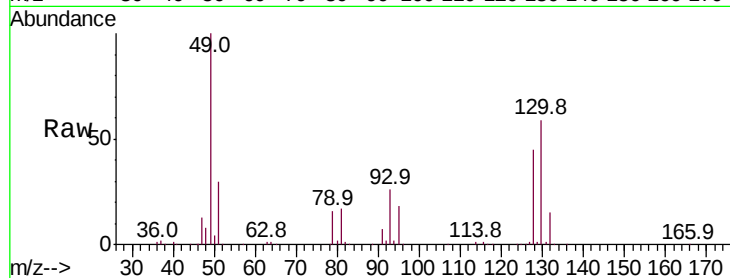
Tot Ion: 49 Resp: 1013804

Ion Ratio Lower Upper

49 100

128 45.6 22.5 67.5

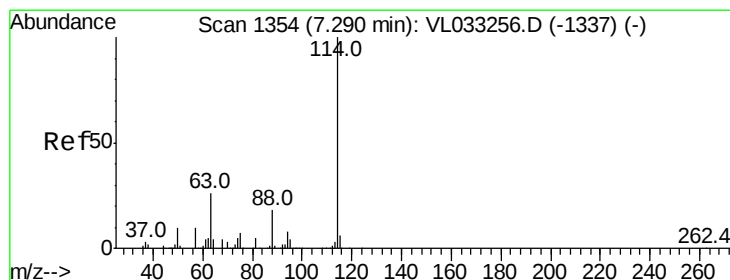
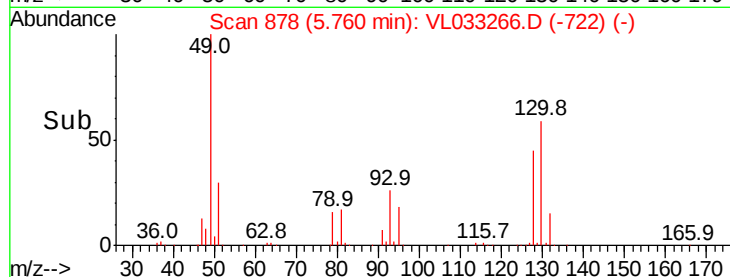
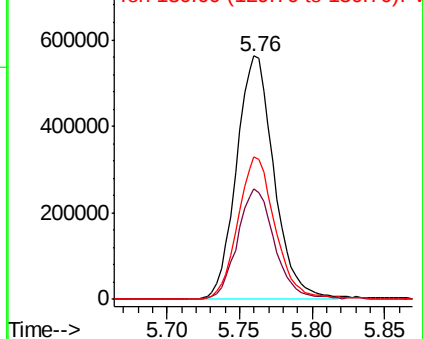
130 58.8 29.1 87.4



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: 7.29 min Scan# 1353

Delta R.T. -0.00 min

Lab File: VL033266.D

Acq: 8 Mar 2019 20:53

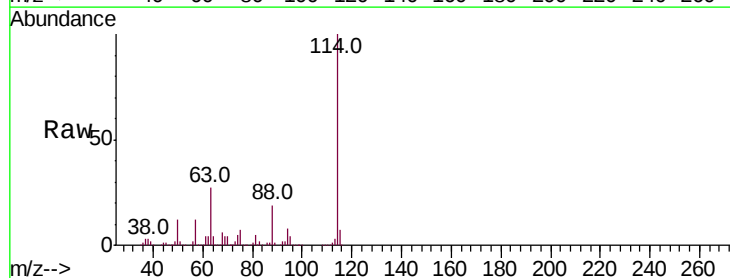
Tgt Ion:114 Resp: 2207896

Ion Ratio Lower Upper

114 100

63 27.5 22.2 33.2

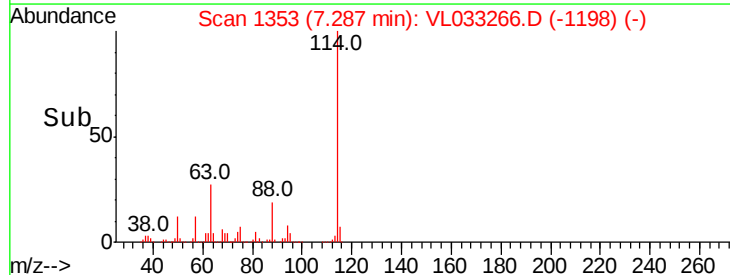
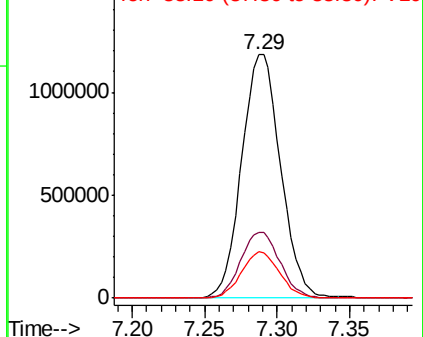
88 18.7 14.6 22.0

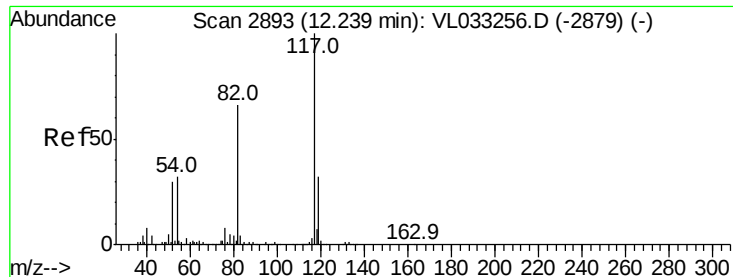


Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0

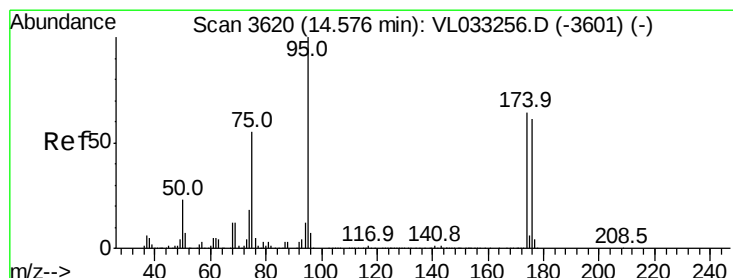
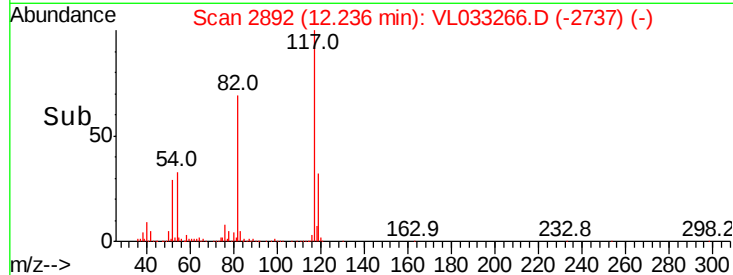
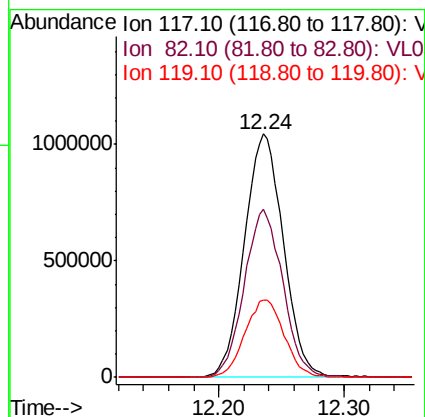
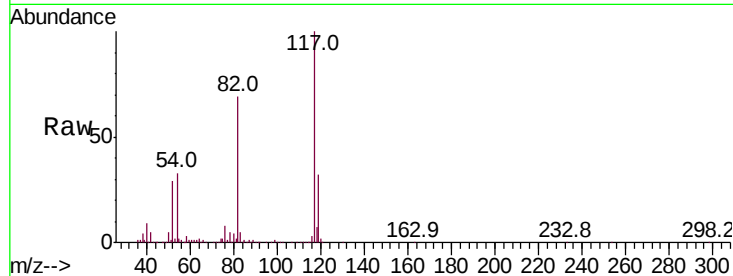




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.24 min Scan# 2892
Delta R.T. -0.00 min
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Tot Ion:117 Resp: 2258802
Ion Ratio Lower Upper
117 100
82 68.6 52.2 78.4
119 32.2 43.4 65.2#



#68
1-Bromo-4-Fluorobenzene
Concen: 9.824 ppbv
RT: 14.58 min Scan# 3620
Delta R.T. 0.00 min
Lab File: VL033266.D
Acq: 8 Mar 2019 20:53

Tgt Ion: 95 Resp: 1780915
Ion Ratio Lower Upper
95 100
174 63.9 51.7 77.5
175 4.6 3.8 5.8

