

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL031720\
Data File : VL034924.D
Acq On : 17 Mar 2020 20:43
Operator : SY/AP
Sample : QC031620 CAN 10457
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC031620 CAN 10457

Quant Time: Mar 18 17:16:00 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL030920AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Mar 09 16:42:53 2020
QLast Update : Mon Mar 09 16:42:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1023347	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	2166529	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	2166361	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	1801980	10.67	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	106.70%

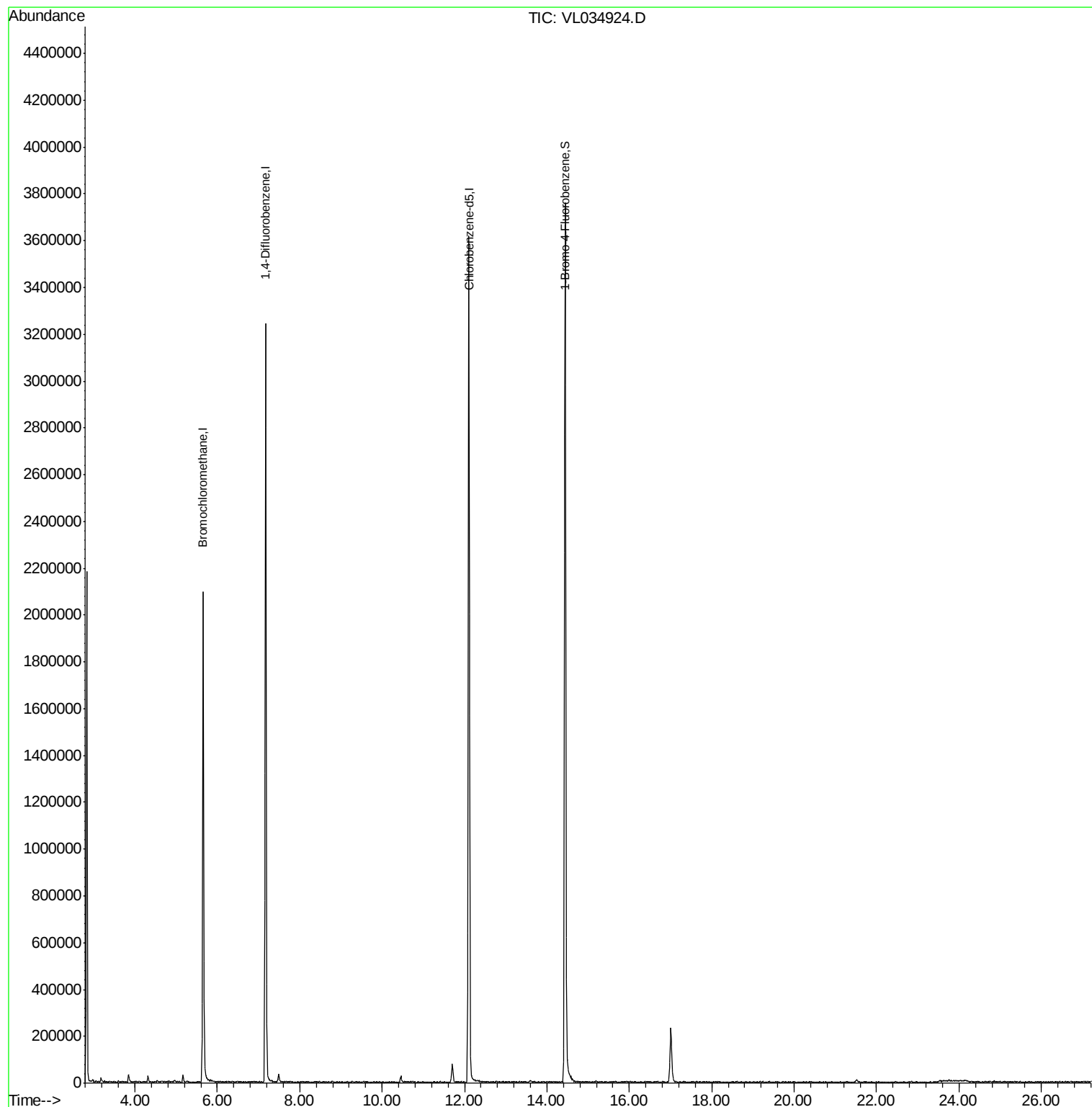
Target Compounds	Ovalue
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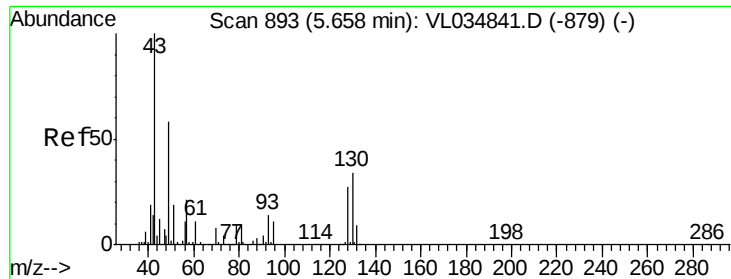
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

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MSVOA_L
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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 892

Delta R.T. -0.00 min

Lab File: VL034924.D

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Instrument :

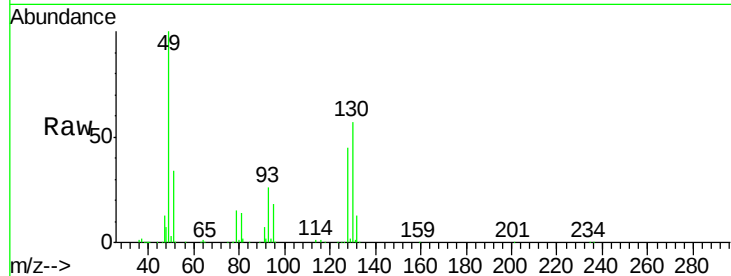
MSVOA_L

ClientSampleId :

QC031620 CAN 10457

Tot Ion: 49 Resp: 1023347

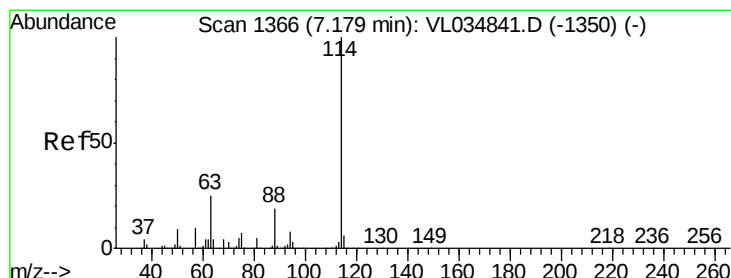
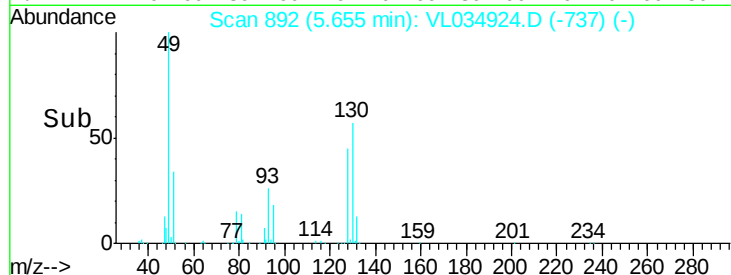
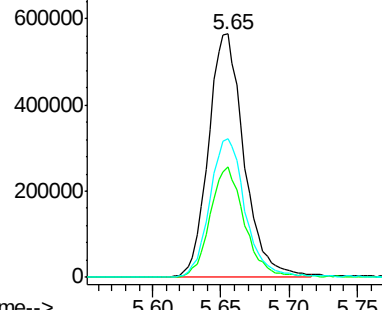
Ion	Ratio	Lower	Upper
49	100		
128	44.4	23.4	70.3
130	57.8	30.0	90.0



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.17 min Scan# 1364

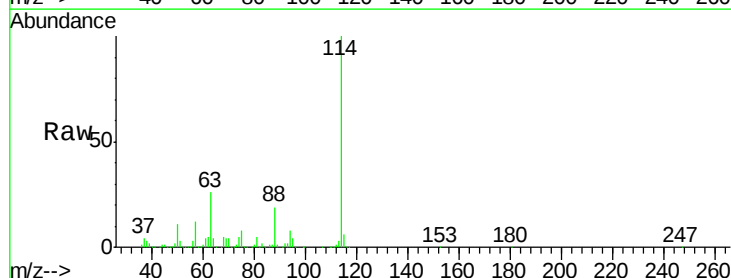
Delta R.T. -0.01 min

Lab File: VL034924.D

Acq: 17 Mar 2020 20:43

Tgt Ion: 114 Resp: 2166529

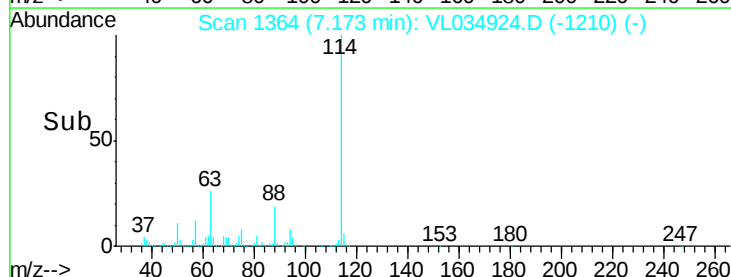
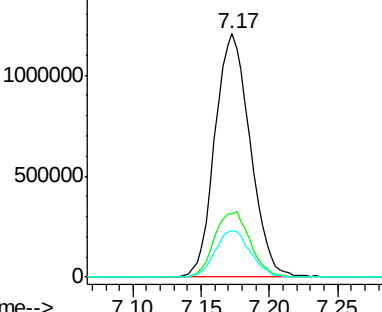
Ion	Ratio	Lower	Upper
114	100		
63	27.5	20.6	31.0
88	19.2	15.0	22.6

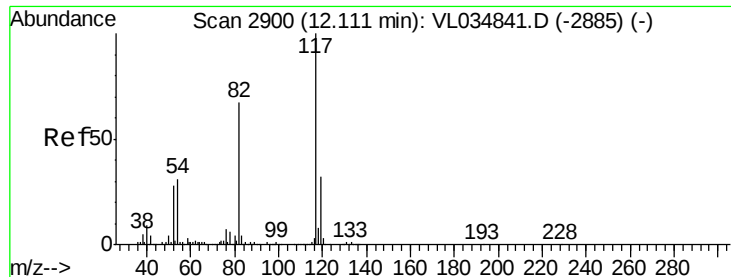


Abundance Ion 114.10 (113.80 to 114.80): V

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0

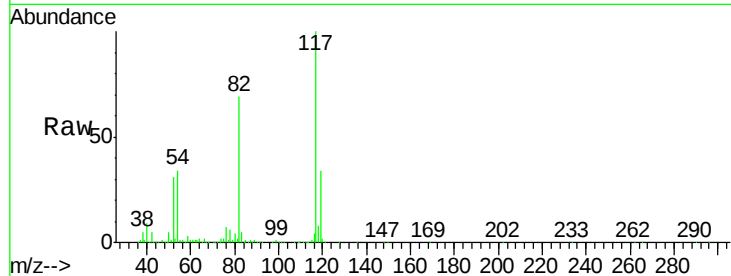




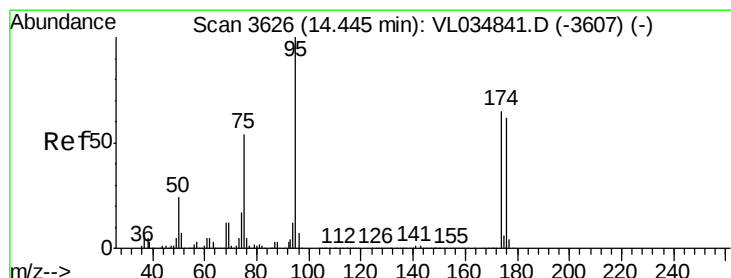
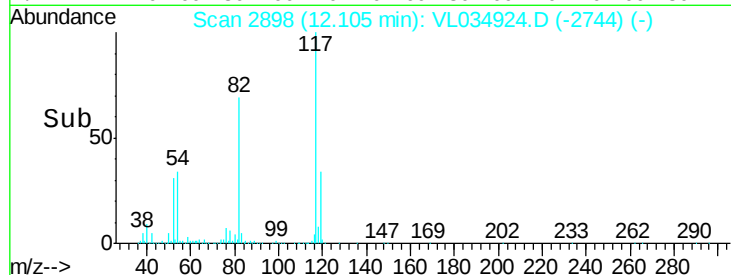
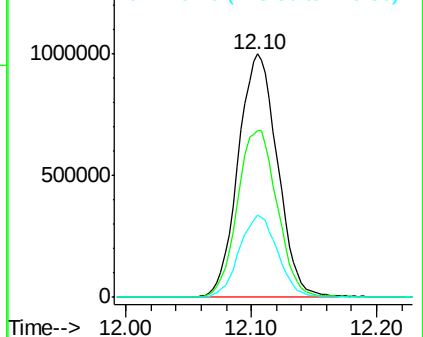
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2898
Delta R.T. -0.01 min
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Tot Ion:117 Resp: 2166361
Ion Ratio Lower Upper
117 100
82 69.9 51.1 76.7
119 33.0 27.3 40.9

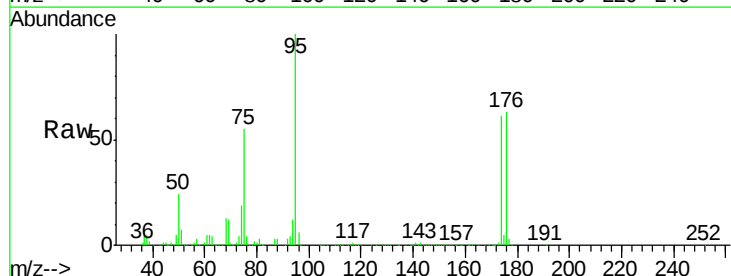


Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): V
Ion 119.10 (118.80 to 119.80): V



#68
1-Bromo-4-Fluorobenzene
Concen: 10.666 ppbv
RT: 14.44 min Scan# 3624
Delta R.T. -0.01 min
Lab File: VL034924.D
Acq: 17 Mar 2020 20:43

Tgt Ion: 95 Resp: 1801980
Ion Ratio Lower Upper
95 100
174 64.4 55.2 82.8
175 4.7 4.3 6.5



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

