

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL080118\
Data File : VL032345.D
Acq On : 2 Aug 2018 10:45
Operator : SY/AP
Sample : OC073018 CAN 10316
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC073018 CAN 10316

Quant Time: Aug 02 12:44:47 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL072718AIR.M
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Jul 27 07:05:37 2018
QLast Update : Fri Jul 27 07:05:37 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.82	49	1798427	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.36	114	4317683	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.32	117	4295117	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.65	95	3396946	10.19	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.90%

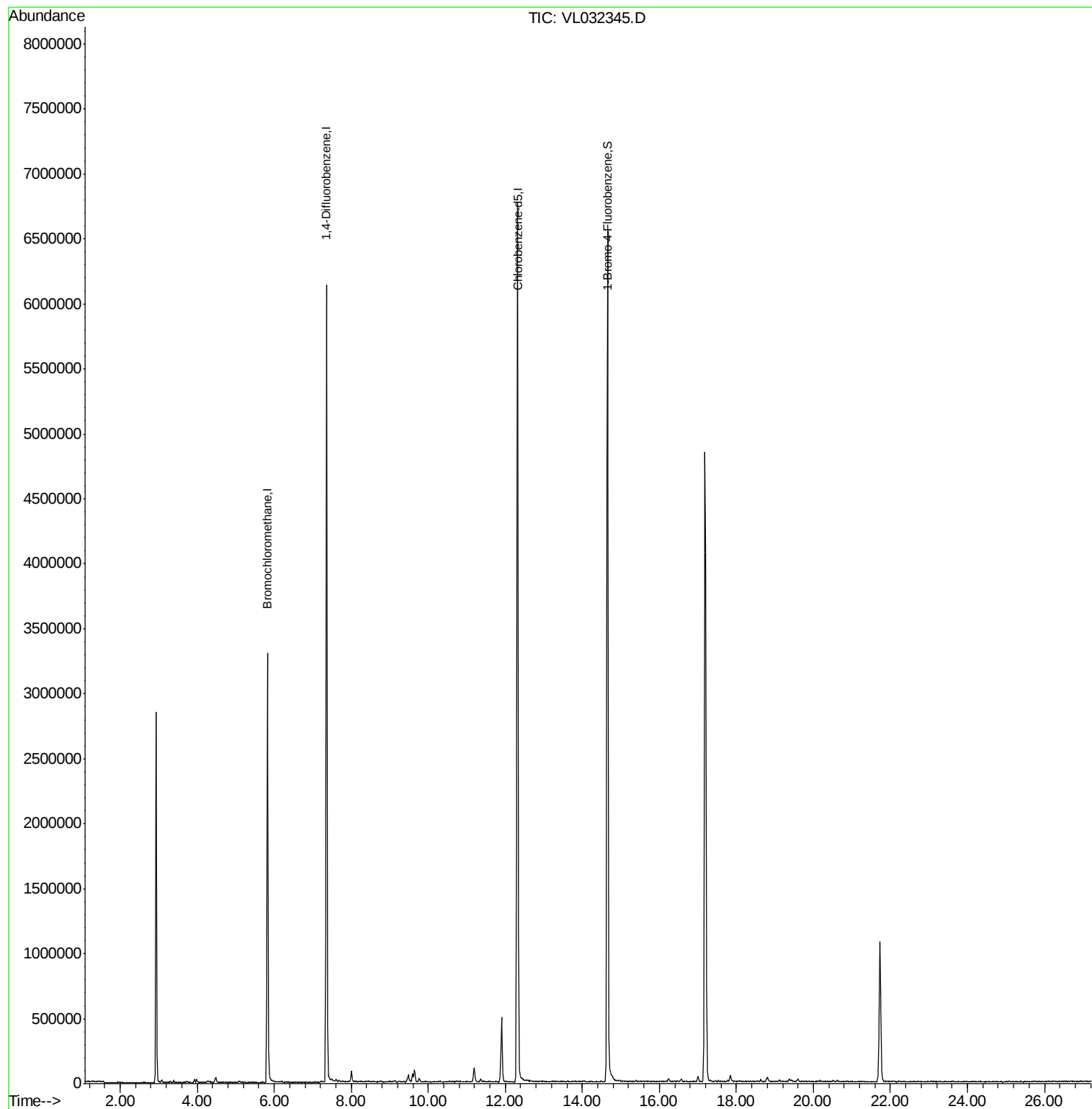
Target Compounds	Ovalue
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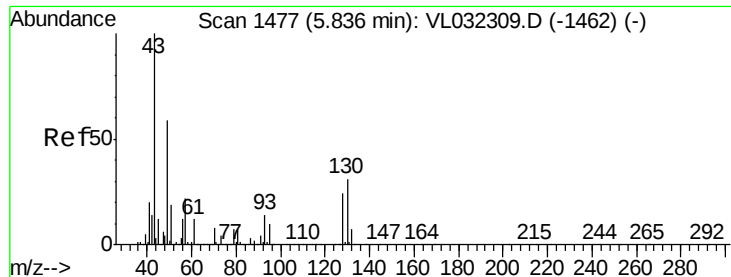
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.82 min Scan# 1473

Delta R.T. -0.01 min

Lab File: VL032345.D

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Instrument :

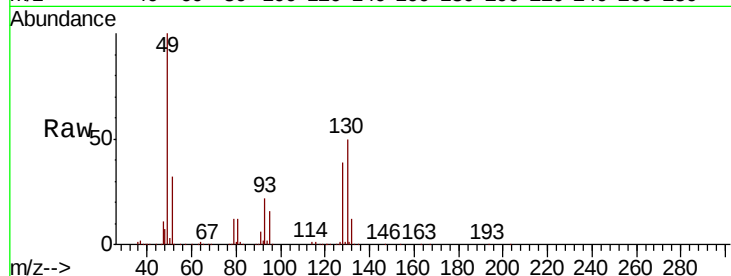
MSVOA_L

ClientSampleId :

QC073018 CAN 10316

Tot Ion: 49 Resp: 1798427

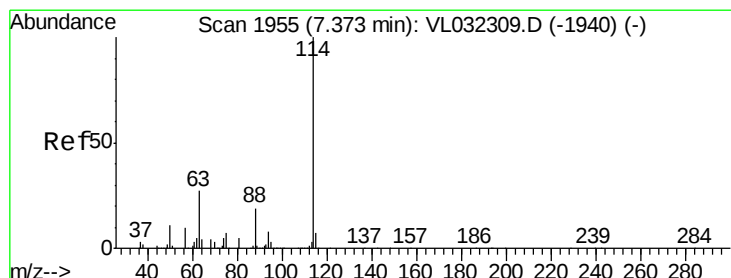
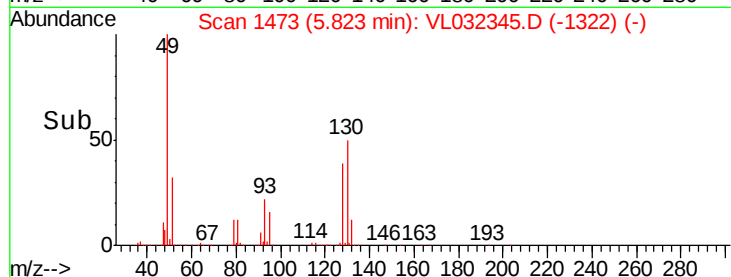
Ion	Ratio	Lower	Upper
49	100		
128	39.9	20.2	60.6
130	50.7	25.8	77.3



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: 10.00 ppbv

RT: 7.36 min Scan# 1951

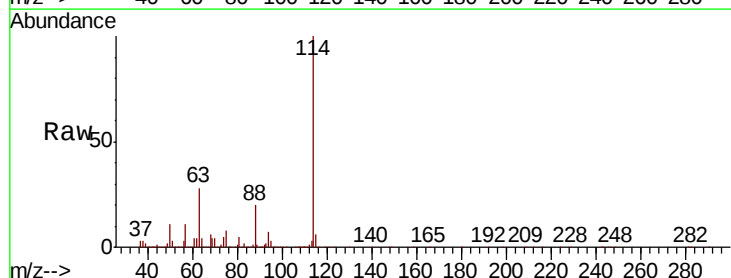
Delta R.T. -0.01 min

Lab File: VL032345.D

Acq: 2 Aug 2018 10:45

Tgt Ion: 114 Resp: 4317683

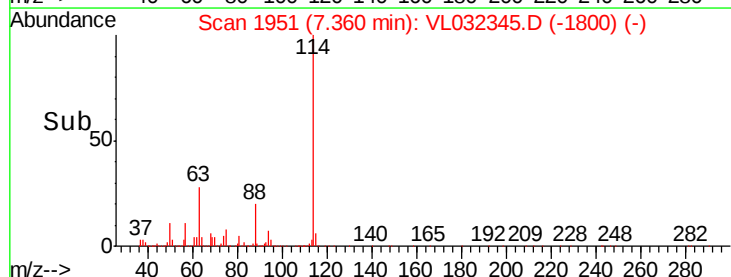
Ion	Ratio	Lower	Upper
114	100		
63	28.4	22.4	33.6
88	19.2	15.3	22.9

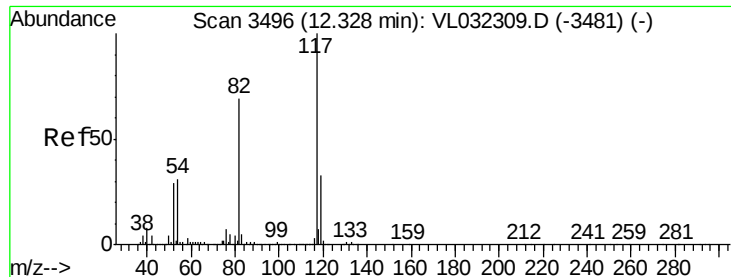


Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0

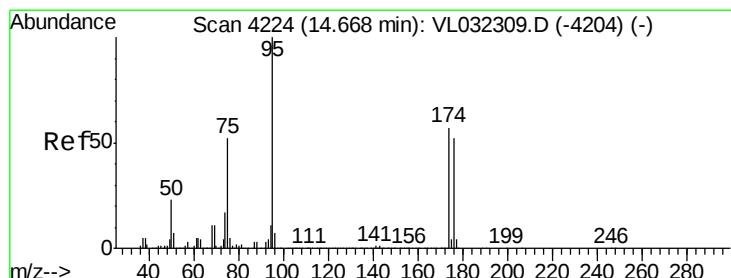
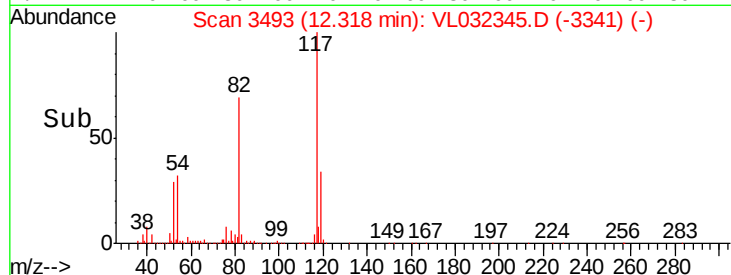
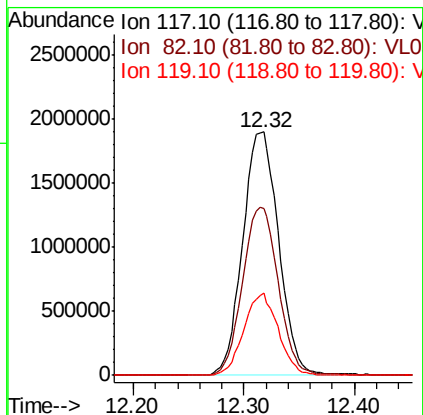
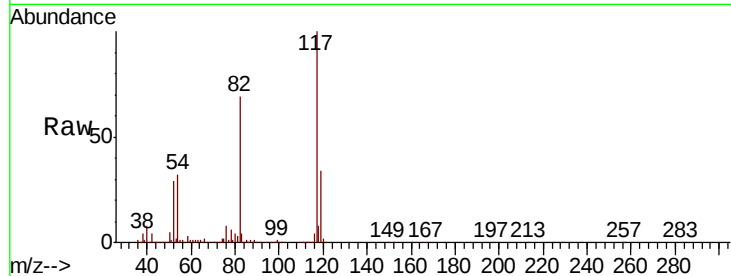




#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.32 min Scan# 3493
Delta R.T. -0.01 min
Lab File: VL032345.D
Acq: 2 Aug 2018 10:45

Instrument :
MSVOA_L
ClientSampleId :
QC073018 CAN 10316

Tot Ion:117 Resp: 4295117
Ion Ratio Lower Upper
117 100
82 69.3 52.6 78.8
119 32.6 25.7 38.5



#68
1-Bromo-4-Fluorobenzene
Concen: 10.19 ppbv
RT: 14.65 min Scan# 4219
Delta R.T. -0.02 min
Lab File: VL032345.D
Acq: 2 Aug 2018 10:45

Tgt Ion: 95 Resp: 3396946
Ion Ratio Lower Upper
95 100
174 56.4 45.5 68.3
175 4.1 3.3 4.9

