

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL081618\
 Data File : VL032379.D
 Acq On : 16 Aug 2018 16:22
 Operator : SY/AP
 Sample : VL0816ABL01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0816ABL01

Quant Time: Aug 17 03:33:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL081518AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Aug 15 14:58:02 2018
 QLast Update : Wed Aug 15 14:58:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.81	49	1670182	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.35	114	3359761	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.30	117	3099065	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.64	95	2455942	10.39	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.90%

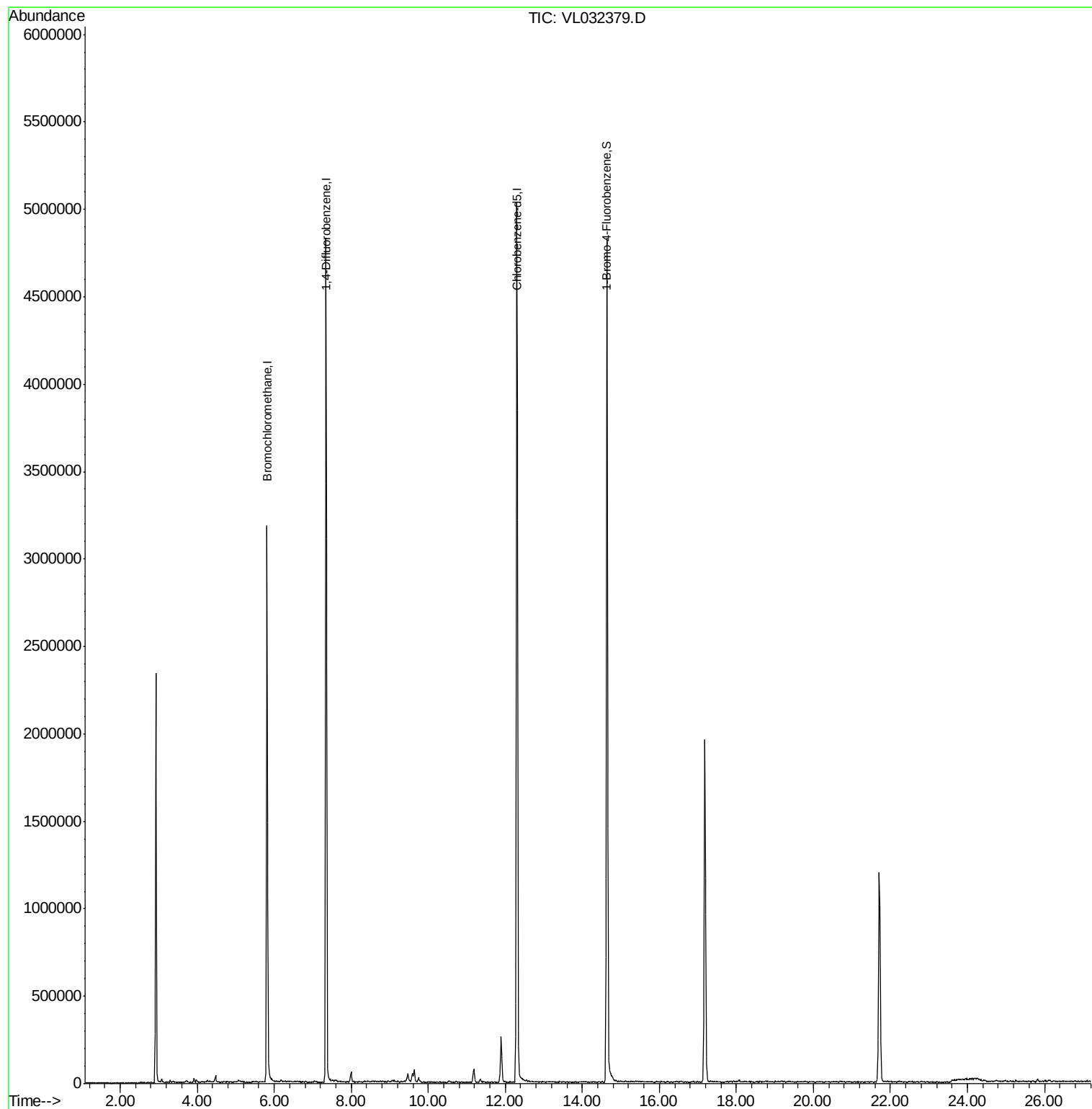
Target Compounds	Ovalue

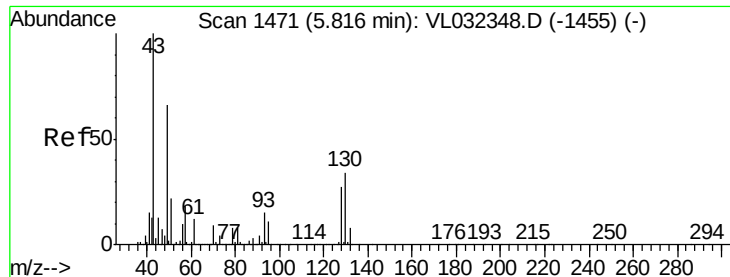
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.81 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VL032379.D

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Instrument :

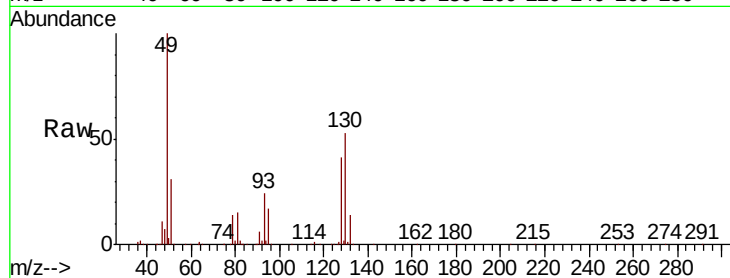
MSVOA_L

ClientSampleId :

VL0816ABL01

Tot Ion: 49 Resp: 1670182

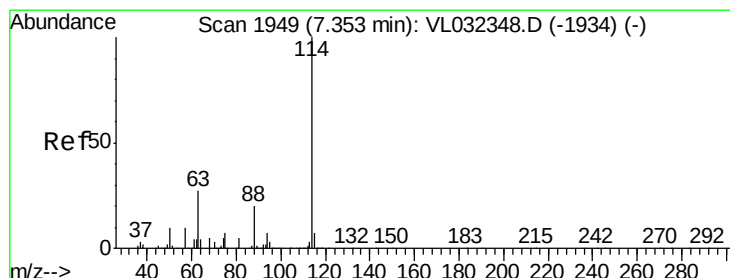
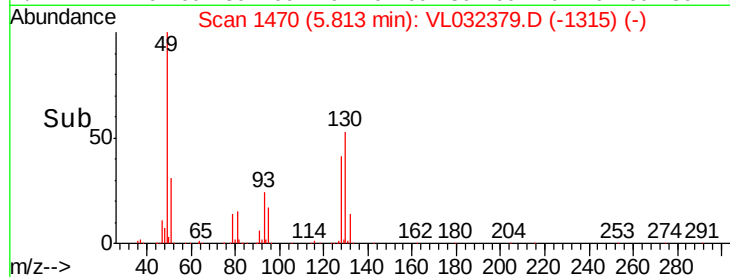
Ion	Ratio	Lower	Upper
49	100		
128	41.7	20.5	61.6
130	53.3	26.2	78.5



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: 10.00 ppbv

RT: 7.35 min Scan# 1947

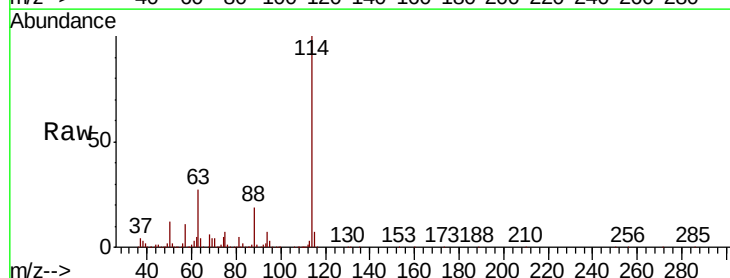
Delta R.T. -0.01 min

Lab File: VL032379.D

Acq: 16 Aug 2018 16:22

Tgt Ion: 114 Resp: 3359761

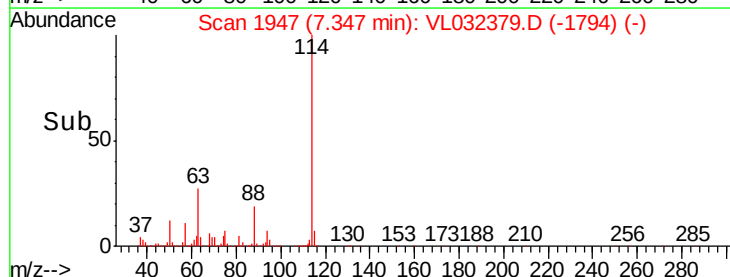
Ion	Ratio	Lower	Upper
114	100		
63	27.8	22.0	33.0
88	19.0	15.3	22.9

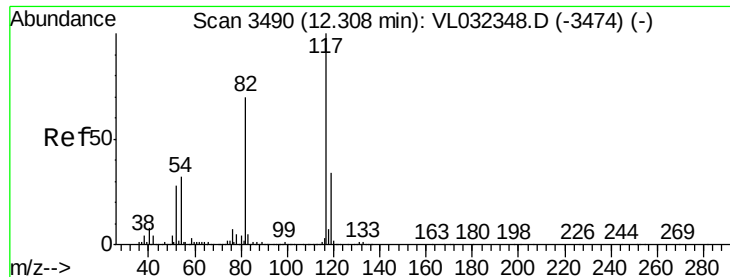


Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0

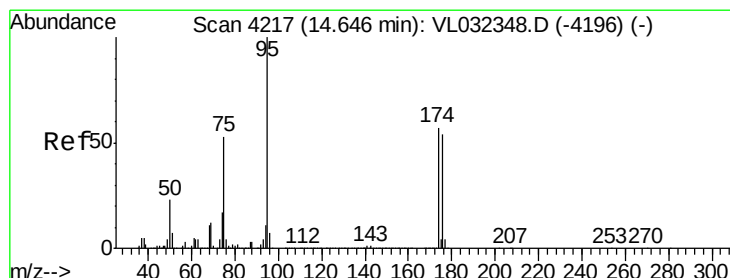
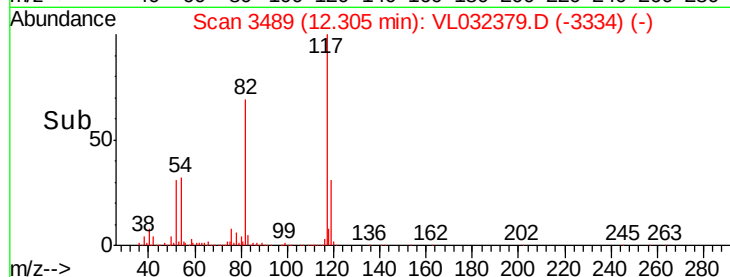
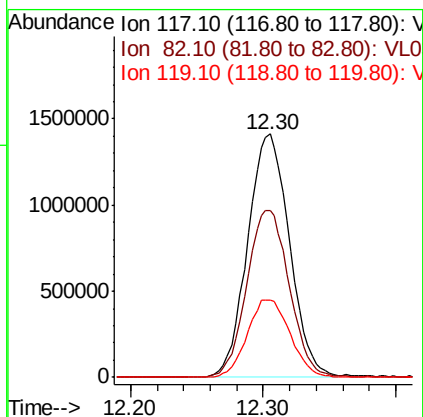
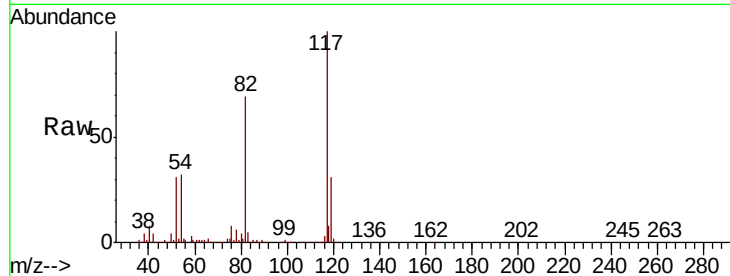




#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.30 min Scan# 3489
Delta R.T. -0.00 min
Lab File: VL032379.D
Acq: 16 Aug 2018 16:22

Instrument :
MSVOA_L
ClientSampleId :
VL0816ABL01

Tot Ion:117 Resp: 3099065
Ion Ratio Lower Upper
117 100
82 70.8 55.1 82.7
119 32.9 46.0 69.0#



#68
1-Bromo-4-Fluorobenzene
Concen: 10.39 ppbv
RT: 14.64 min Scan# 4216
Delta R.T. -0.00 min
Lab File: VL032379.D
Acq: 16 Aug 2018 16:22

Tgt Ion: 95 Resp: 2455942
Ion Ratio Lower Upper
95 100
174 56.8 46.2 69.4
175 4.1 3.4 5.0

