

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL111418\
Data File : VL032750.D
Acq On : 14 Nov 2018 8:54
Operator : SY/AP
Sample : VL1114ABL01
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL1114ABL01

Quant Time: Nov 15 05:47:04 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111418AIR.M
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_LWed Nov 14 07:00:23 2018
QLast Update : Wed Nov 14 07:00:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.77	49	1599273	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.30	114	3963245	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	3551703	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.58	95	2647769	9.97	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.70%

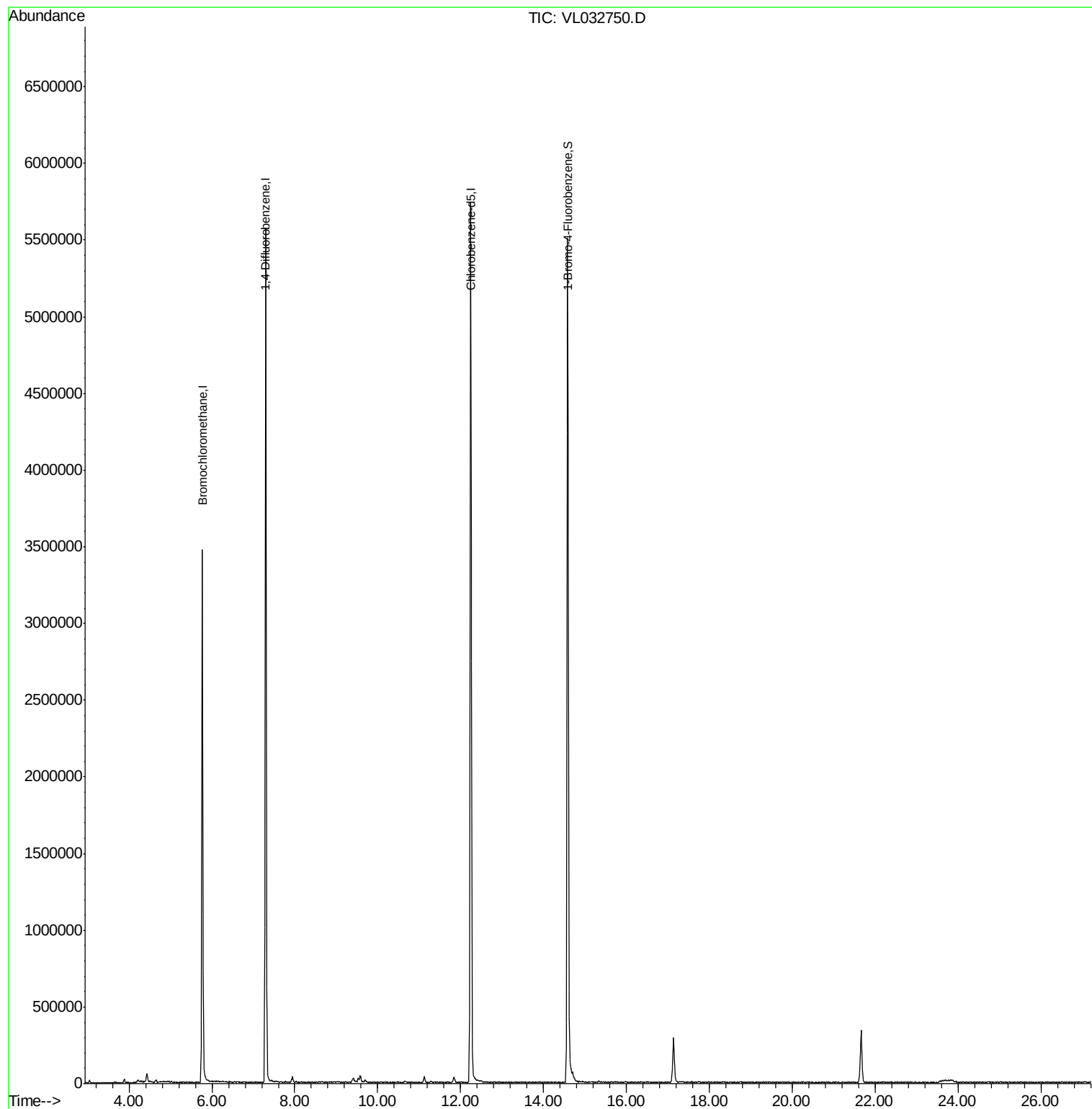
Target Compounds	Ovalue
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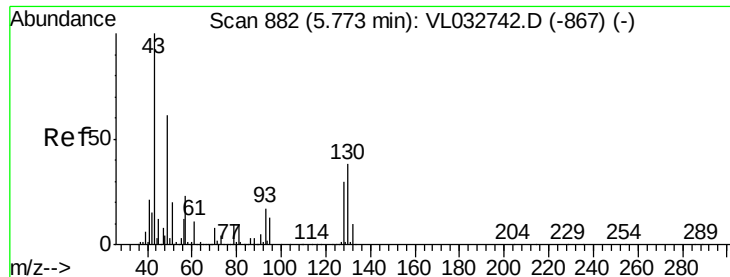
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.77 min Scan# 880

Delta R.T. -0.01 min

Lab File: VL032750.D

Acq: 14 Nov 2018 8:54

Instrument :

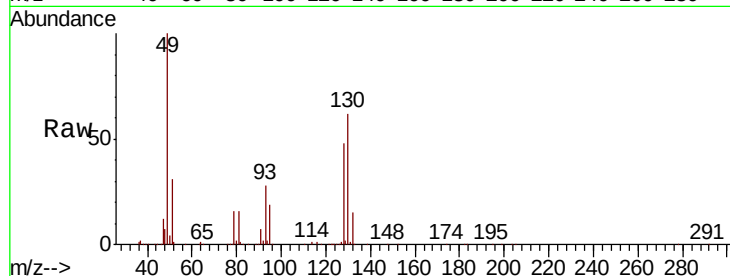
MSVOA_L

ClientSampleId :

VL1114ABL01

Tot Ion: 49 Resp: 1599273

Ion	Ratio	Lower	Upper
49	100		
128	50.2	24.9	74.6
130	64.0	31.4	94.2



Abundance Ion 49.10 (48.80 to 49.80): VL0

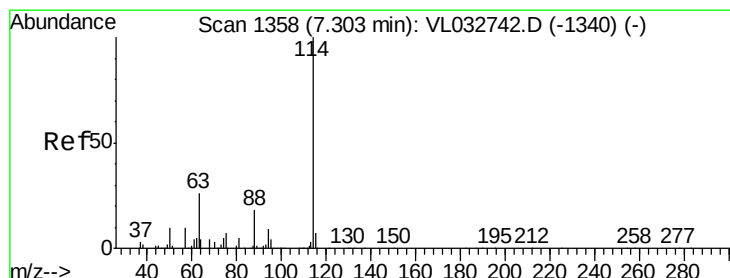
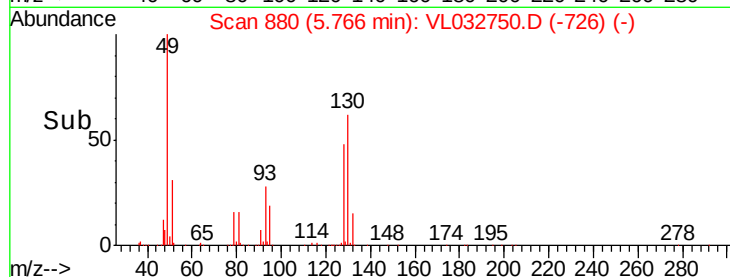
Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V

5.77

Time-->

5.70 5.75 5.80 5.85



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.30 min Scan# 1356

Delta R.T. -0.01 min

Lab File: VL032750.D

Acq: 14 Nov 2018 8:54

Tgt Ion:114 Resp: 3963245

Ion	Ratio	Lower	Upper
114	100		
63	25.3	20.9	31.3
88	18.2	14.4	21.6

Abundance Ion 114.10 (113.80 to 114.80): V

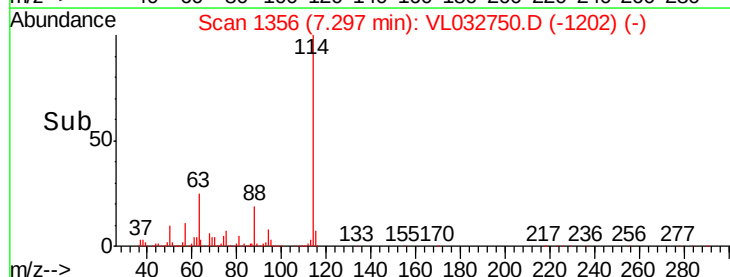
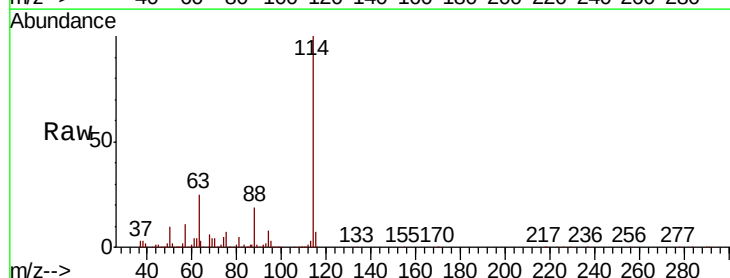
Ion 63.10 (62.80 to 63.80): VL0

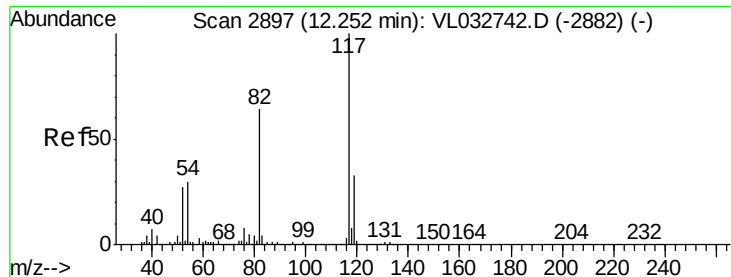
Ion 88.10 (87.80 to 88.80): VL0

7.30

Time-->

7.20 7.25 7.30 7.35 7.40

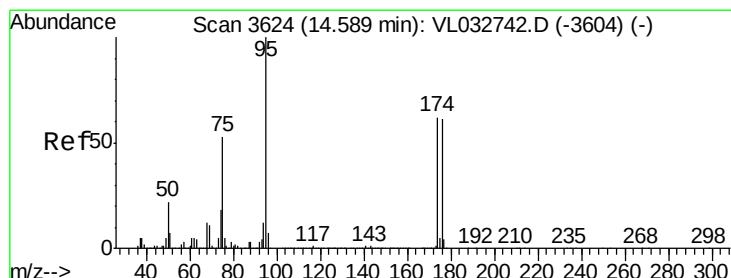
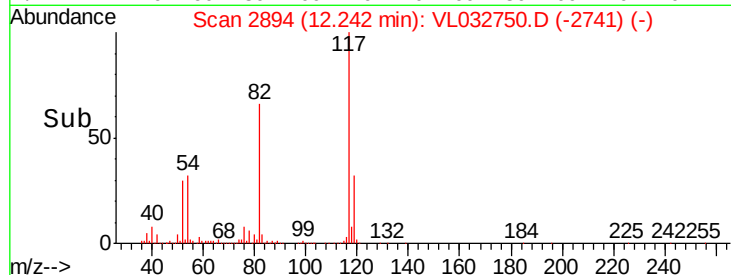
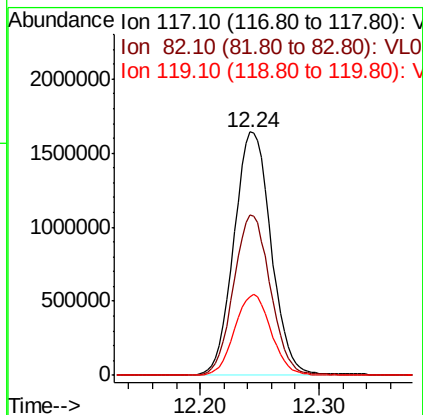
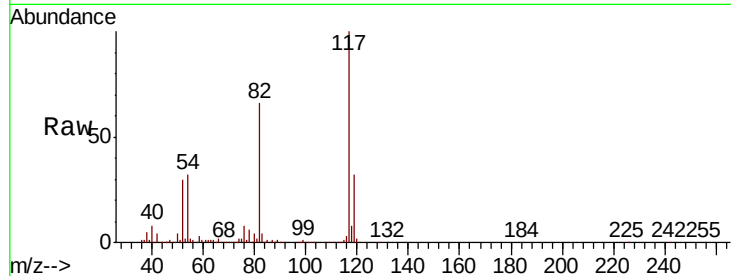




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.24 min Scan# 2894
Delta R.T. -0.01 min
Lab File: VL032750.D
Acq: 14 Nov 2018 8:54

Instrument :
MSVOA_L
ClientSampleId :
VL1114ABL01

Tot Ion:117 Resp: 3551703
Ion Ratio Lower Upper
117 100
82 65.9 51.0 76.6
119 32.9 28.0 42.0



#68
1-Bromo-4-Fluorobenzene
Concen: 9.967 ppbv
RT: 14.58 min Scan# 3622
Delta R.T. -0.01 min
Lab File: VL032750.D
Acq: 14 Nov 2018 8:54

Tgt Ion: 95 Resp: 2647769
Ion Ratio Lower Upper
95 100
174 63.4 50.7 76.1
175 4.8 3.8 5.6

