

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL101118\
Data File : VL032600.D
Acq On : 11 Oct 2018 12:01
Operator : SY/AP
Sample : VL1011ABL01
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL1011ABL01

Quant Time: Oct 12 02:00:52 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL092418AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Oct 01 06:49:26 2018
QLast Update : Mon Oct 01 06:49:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.78	49	1447687	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.32	114	3216047	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.27	117	3448047	10.00	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.61	95	2457689	9.45	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	94.50%

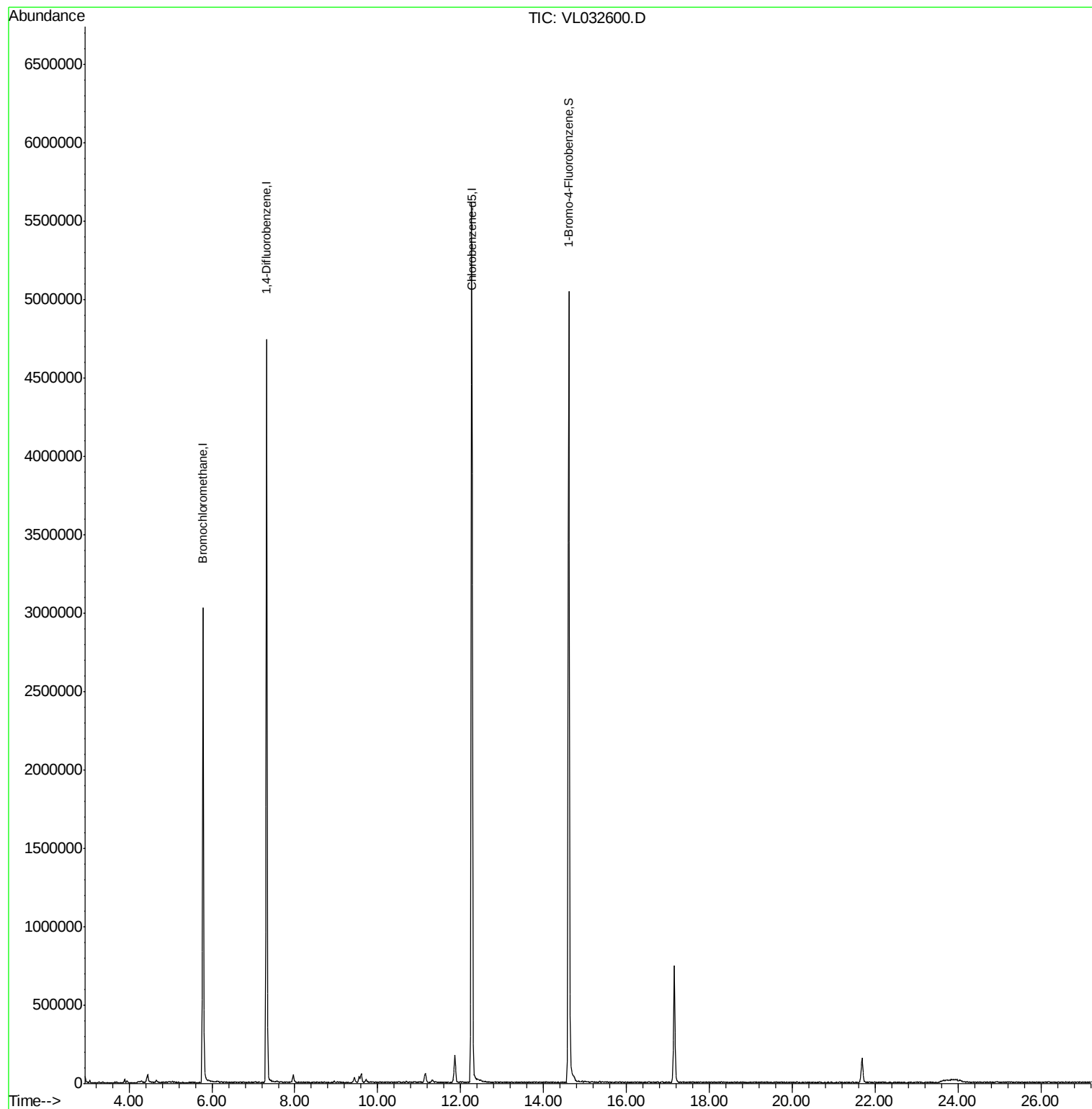
Target Compounds	Ovalue
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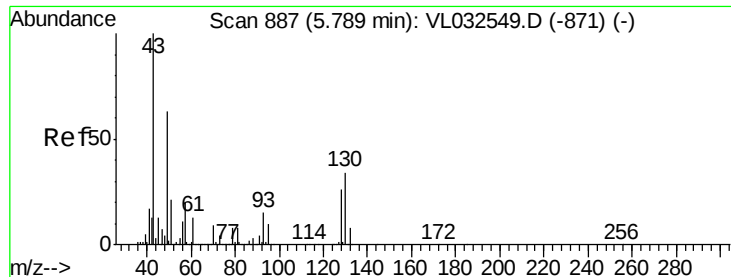
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.78 min Scan# 885

Delta R.T. -0.03 min

Lab File: VL032600.D

Acq: 11 Oct 2018 12:01

Instrument :

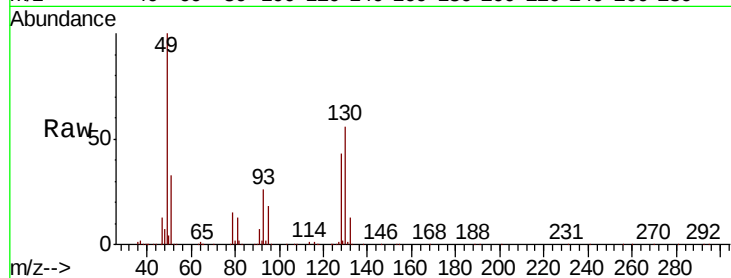
MSVOA_L

ClientSampleId :

VL1011ABL01

Tot Ion: 49 Resp: 1447687

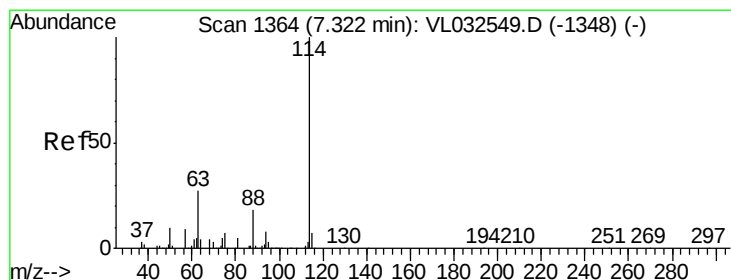
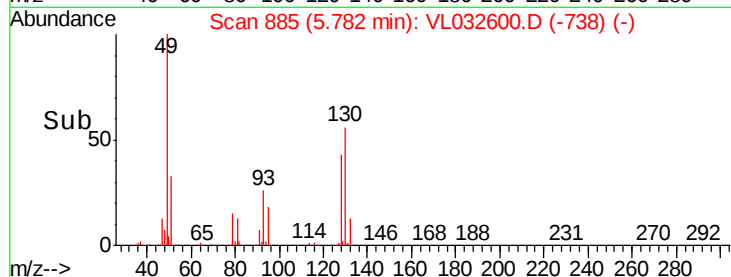
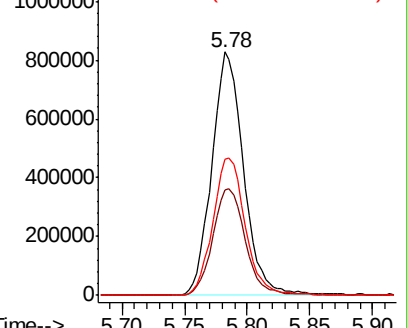
Ion	Ratio	Lower	Upper
49	100		
128	45.4	20.7	62.1
130	58.8	26.6	79.7



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: 7.32 min Scan# 1362

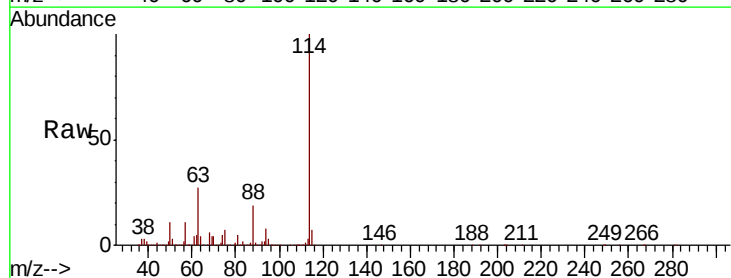
Delta R.T. -0.03 min

Lab File: VL032600.D

Acq: 11 Oct 2018 12:01

Tgt Ion: 114 Resp: 3216047

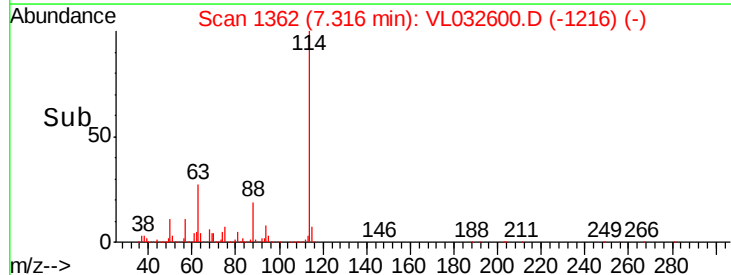
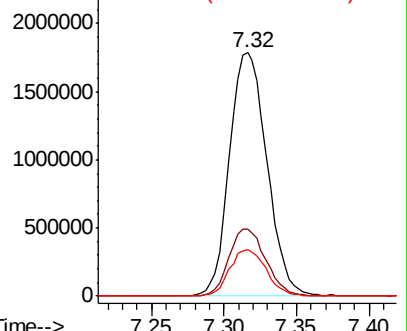
Ion	Ratio	Lower	Upper
114	100		
63	27.3	22.2	33.4
88	18.8	15.0	22.4

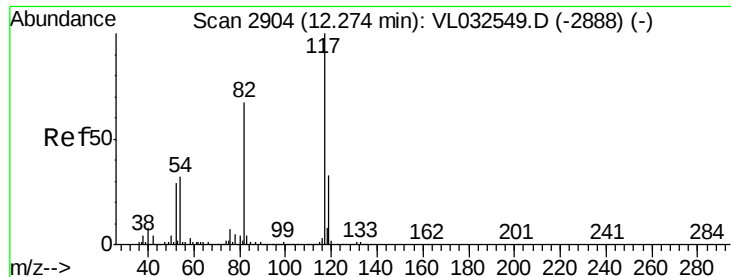


Abundance Ion 114.10 (113.80 to 114.80): V

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0

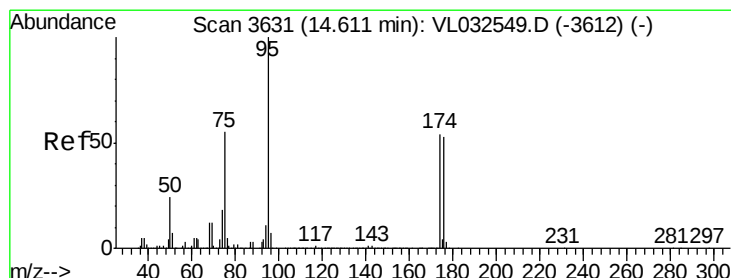
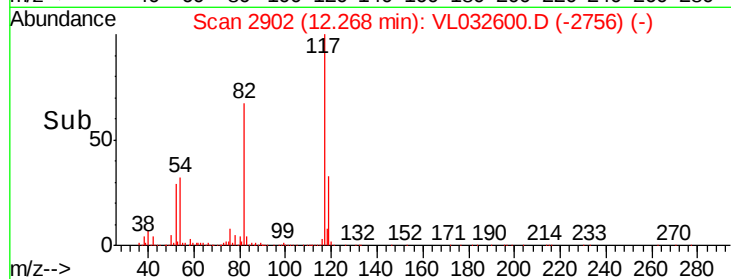
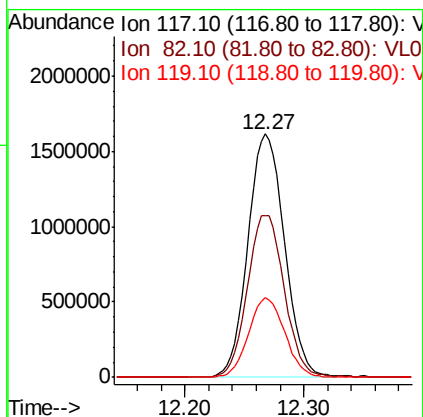
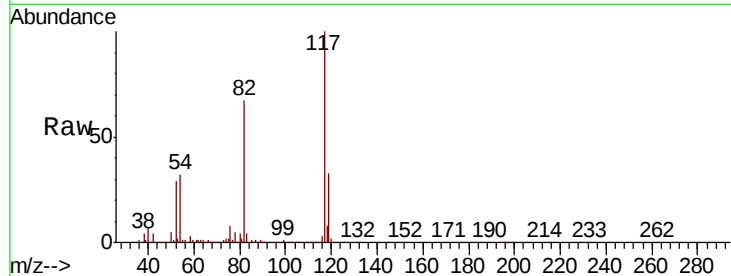




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.27 min Scan# 2902
Delta R.T. -0.03 min
Lab File: VL032600.D
Acq: 11 Oct 2018 12:01

Instrument :
MSVOA_L
ClientSampleId :
VL1011ABL01

Tot Ion:117 Resp: 3448047
Ion Ratio Lower Upper
117 100
82 67.3 53.0 79.6
119 32.5 45.9 68.9#



#68
1-Bromo-4-Fluorobenzene
Concen: 9.452 ppbv
RT: 14.61 min Scan# 3629
Delta R.T. -0.03 min
Lab File: VL032600.D
Acq: 11 Oct 2018 12:01

Tgt Ion: 95 Resp: 2457689
Ion Ratio Lower Upper
95 100
174 58.8 46.3 69.5
175 4.2 3.4 5.0

