

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL120418\
 Data File : VL032875.D
 Acq On : 4 Dec 2018 12:31
 Operator : SY/AP
 Sample : VL1204ABL01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1204ABL01

Manual Integrations
 APPROVED

MMDadoda
 12/10/2018 12:59:36 PM

Quant Time: Dec 05 06:06:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111418AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-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	1214833	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.30	114	3123998	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.25	117	2904471	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.59	95	2195558	10.11	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.10%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
20) Methylene Chloride	4.41	84	16628m	0.290	ppbv	

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

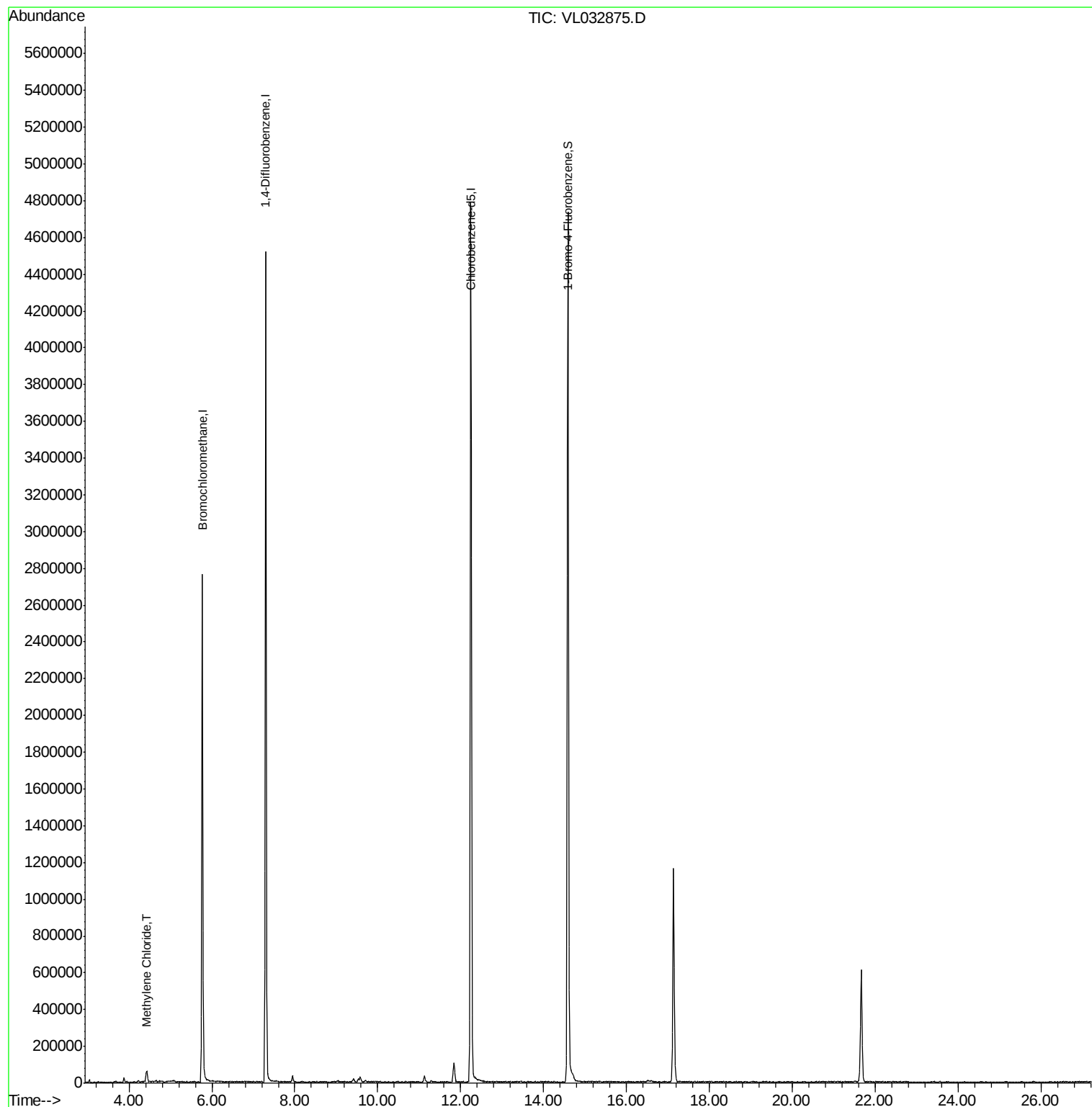
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL120418\
Data File : VL032875.D
Acq On : 4 Dec 2018 12:31
Operator : SY/AP
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Misc : 400ml/MSVOA L
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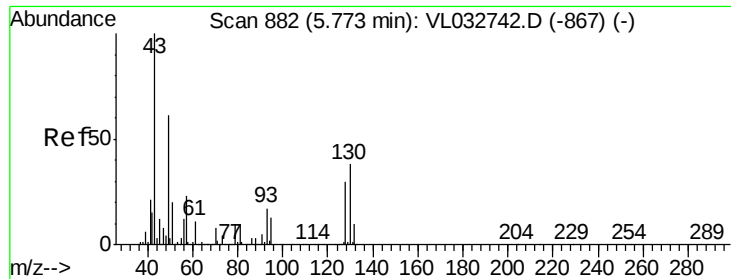
Instrument :
MSVOA_L
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Quant Time: Dec 05 06:06:12 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL111418AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Nov
QLast Update : Wed Nov 14 07:00:23 2018
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.77 min Scan# 880

Delta R.T. -0.01 min

Lab File: VL032875.D

Acq: 4 Dec 2018 12:31

Instrument :

MSVOA_L

ClientSampleId :

VL1204ABL01

Tot Ion: 49 Resp: 1214833

Ion Ratio Lower Upper

49 100

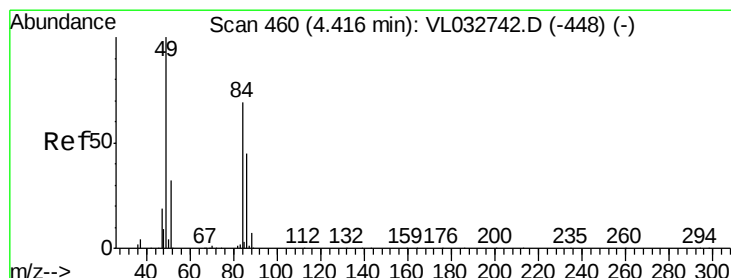
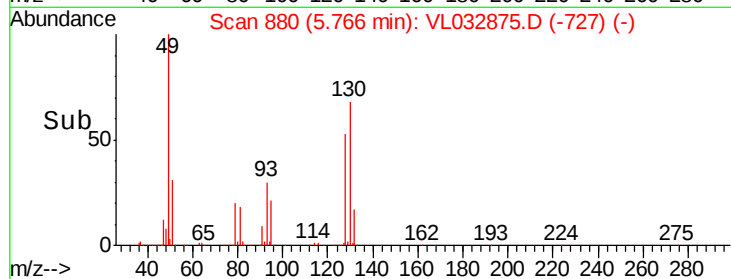
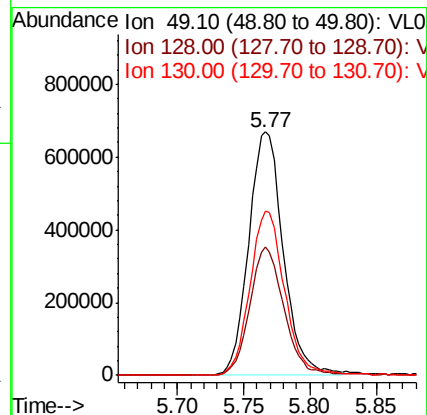
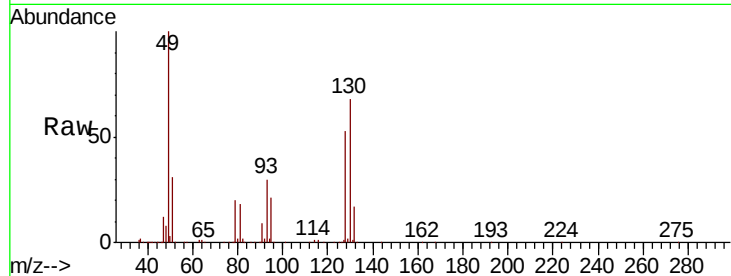
128 52.8 24.9 74.6

130 68.3 31.4 94.2

Manual Integrations
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#20

Methylene Chloride

Concen: 0.290 ppbv m

RT: 4.41 min Scan# 458

Delta R.T. -0.01 min

Lab File: VL032875.D

Acq: 4 Dec 2018 12:31

Tgt Ion: 84 Resp: 16628

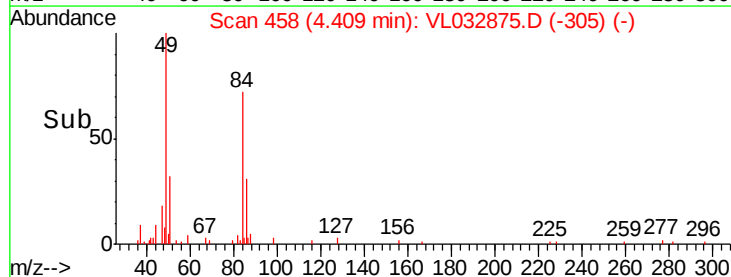
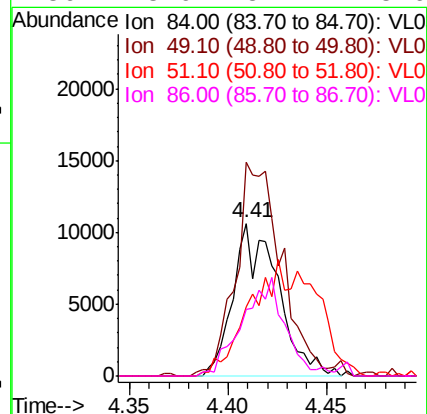
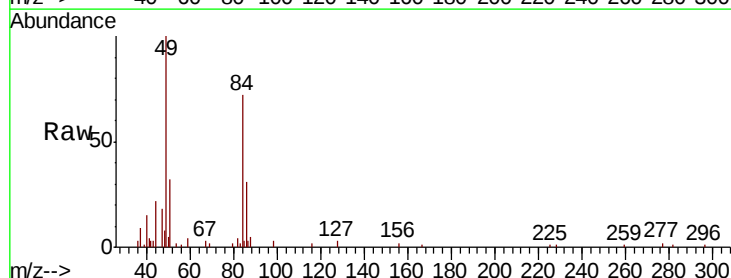
Ion Ratio Lower Upper

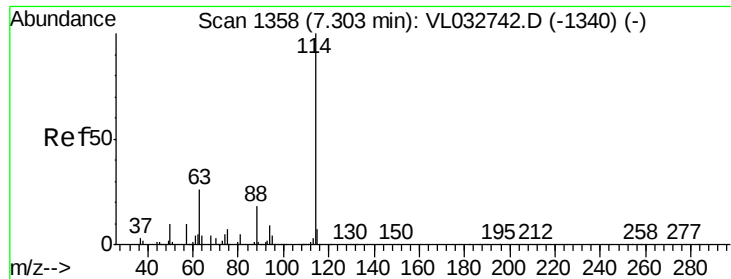
84 100

49 139.8 115.8 173.6

51 45.0 36.9 55.3

86 43.9 52.4 78.6#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.30 min Scan# 1356

Delta R.T. -0.01 min

Lab File: VL032875.D

Acq: 4 Dec 2018 12:31

Instrument :

MSVOA_L

ClientSampleId :

VL1204ABL01

Tot Ion:114 Resp: 3123998

Ion Ratio Lower Upper

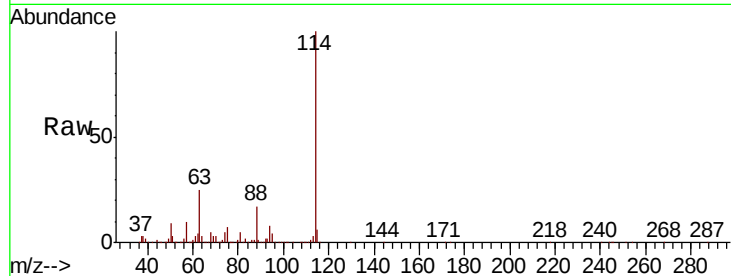
114 100

63 25.2 20.9 31.3

88 17.6 14.4 21.6

Manual Integrations
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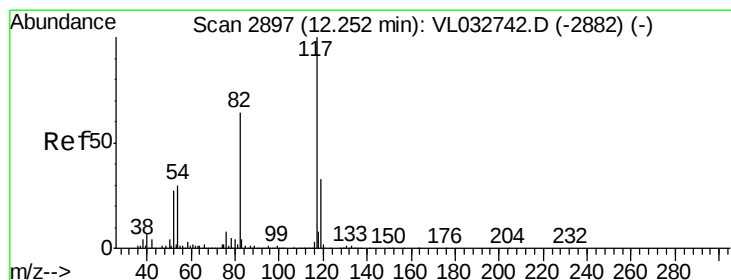
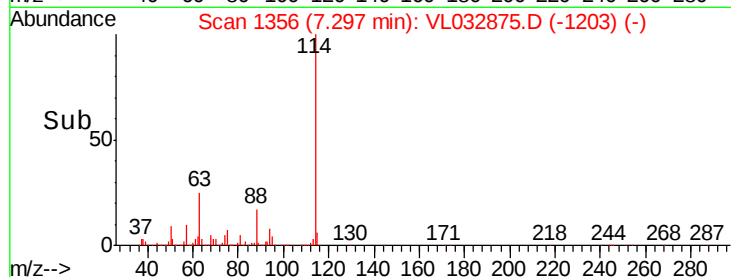
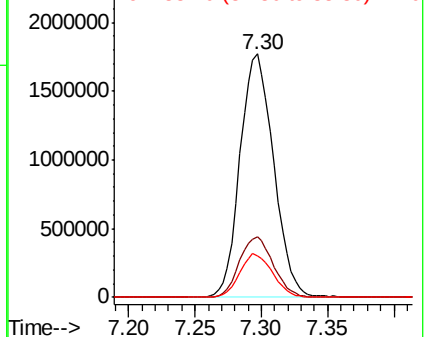
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Abundance Ion 114.10 (113.80 to 114.80): V

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: 12.25 min Scan# 2895

Delta R.T. -0.01 min

Lab File: VL032875.D

Acq: 4 Dec 2018 12:31

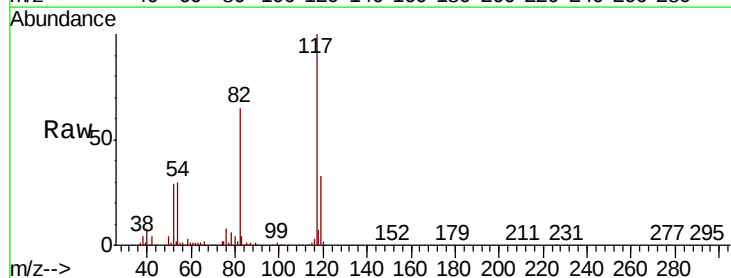
Tgt Ion:117 Resp: 2904471

Ion Ratio Lower Upper

117 100

82 64.6 51.0 76.6

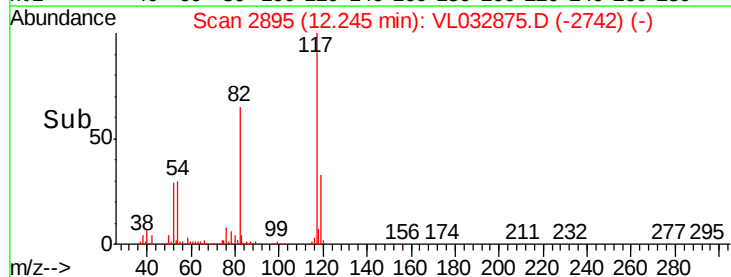
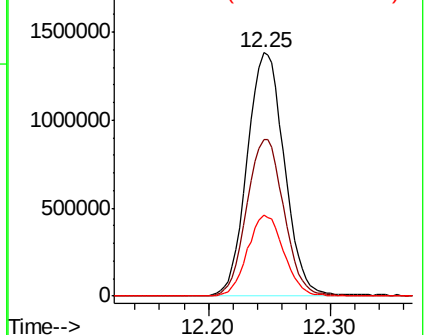
119 32.9 28.0 42.0

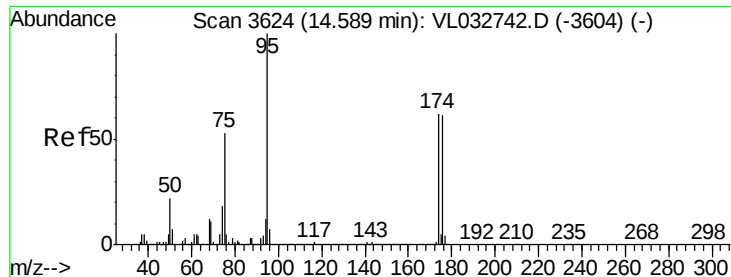


Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V





#68

1-Bromo-4-Fluorobenzene

Concen: 10.107 ppbv

RT: 14.59 min Scan# 3623

Delta R.T. -0.00 min

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Acq: 4 Dec 2018 12:31

Instrument :

MSVOA_L

ClientSampleId :

VL1204ABL01

Tot Ion: 95 Resp: 2195558

Ion Ratio Lower Upper

95 100

174 65.2 50.7 76.1

175 4.9 3.8 5.6

Manual Integrations

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