

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL113020\
 Data File : VL036032.D
 Acq On : 30 Nov 2020 16:54
 Operator : SY/AP
 Sample : VSTDICV010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL113020

Manual Integrations
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 12/1/2020 3:59:23 PM

Quant Time: Nov 30 18:23:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL113020BRAIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Nov 30 2020
 QLast Update : Mon Nov 30 16:37:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.71	49	1363575	10.00	ppbv	0.00
3) 1,4-Difluorobenzene	7.22	114	4710601	10.00	ppbv	0.00
4) Chlorobenzene-d5	12.15	117	4472430m	10.00	ppbv	0.00

System Monitoring Compounds

5) 1-Bromo-4-Fluorobenzene	14.47	95	3525953	10.27	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.70%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Bromomethane	3.50	94	758405	8.382	ppbv	99

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

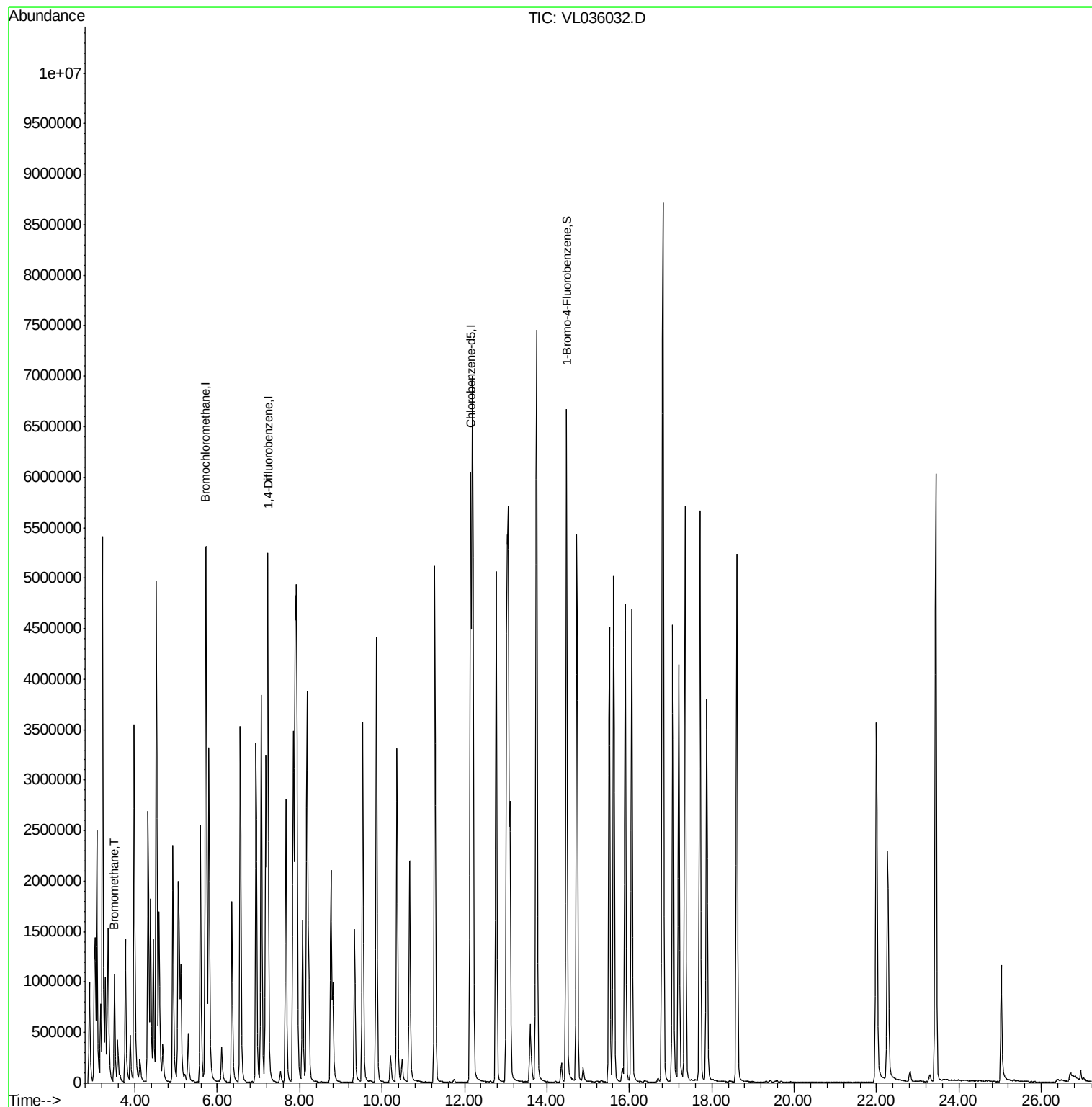
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL113020\
Data File : VL036032.D
Acq On : 30 Nov 2020 16:54
Operator : SY/AP
Sample : VSTDICV010
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

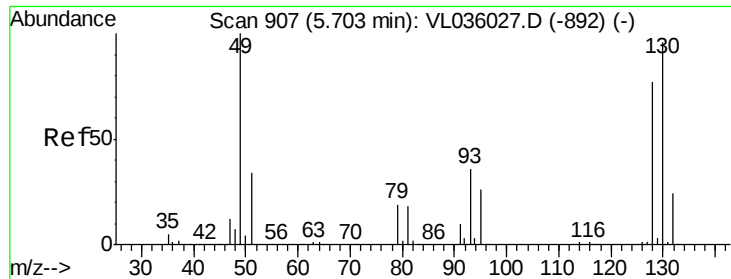
Instrument :
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Quant Time: Nov 30 18:23:16 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL113020BRAIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Nov
QLast Update : Mon Nov 30 16:37:42 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.71 min Scan# 909

Delta R.T. 0.01 min

Lab File: VL036032.D

Acq: 30 Nov 2020 16:54

Instrument :

MSVOA_L

ClientSampleId :

ICVVL113020

Tot Ion: 49 Resp: 1363575

Ion Ratio Lower Upper

49 100

128 75.7 38.0 114.1

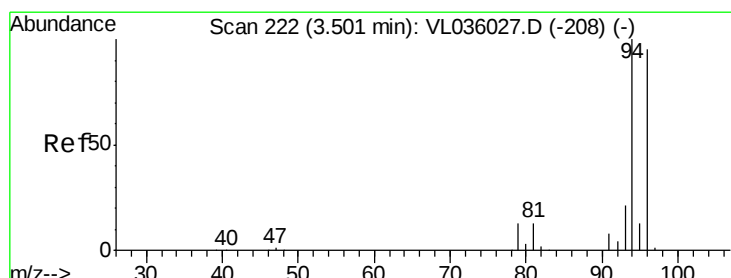
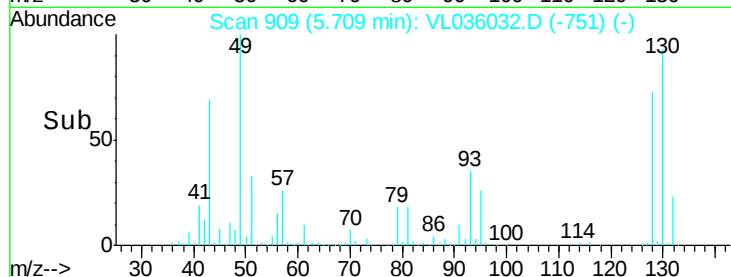
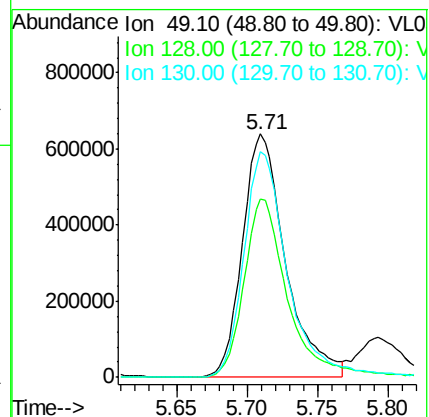
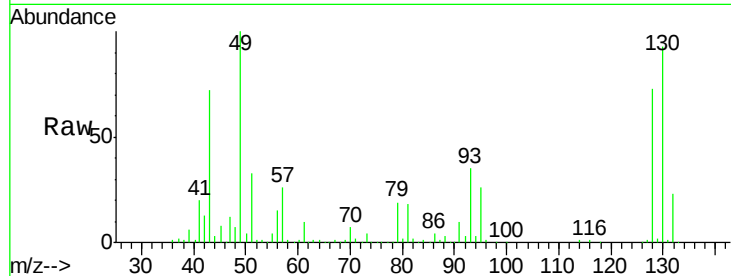
130 95.8 49.2 147.6

Manual Integrations

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#2

Bromomethane

Concen: 8.382 ppbv

RT: 3.50 min Scan# 222

Delta R.T. 0.00 min

Lab File: VL036032.D

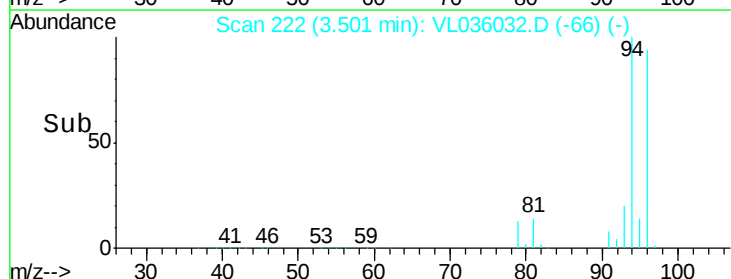
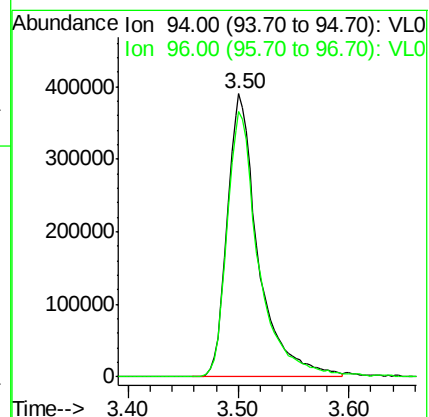
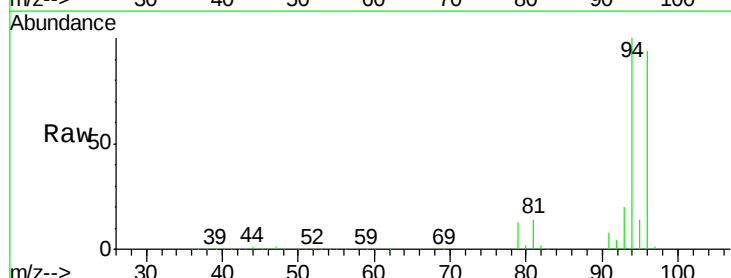
Acq: 30 Nov 2020 16:54

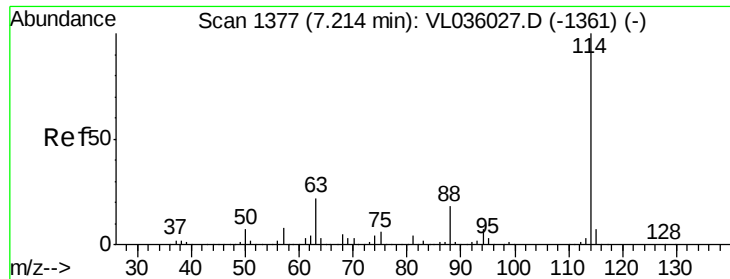
Tgt Ion: 94 Resp: 758405

Ion Ratio Lower Upper

94 100

96 93.9 75.7 113.5





#3

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.22 min Scan# 1380

Delta R.T. 0.01 min

Lab File: VL036032.D

Acq: 30 Nov 2020 16:54

Instrument :

MSVOA_L

ClientSampleId :

ICVVL113020

Tot Ion:114 Resp: 4710601

Ion Ratio Lower Upper

114 100

63 21.8 16.6 24.8

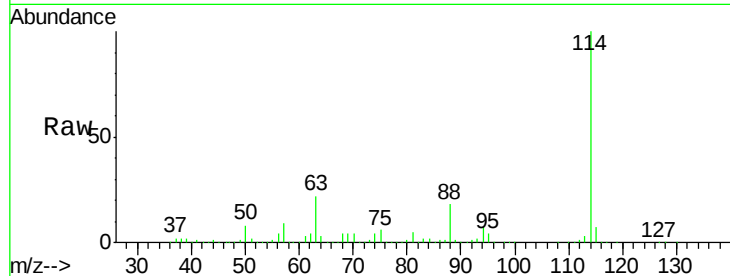
88 17.8 14.0 21.0

Manual Integrations

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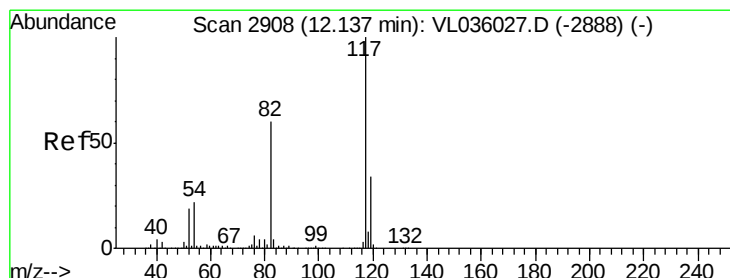
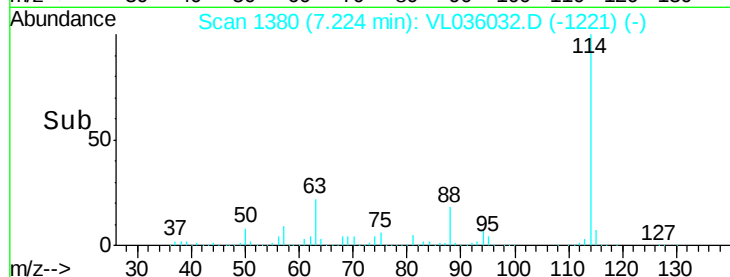
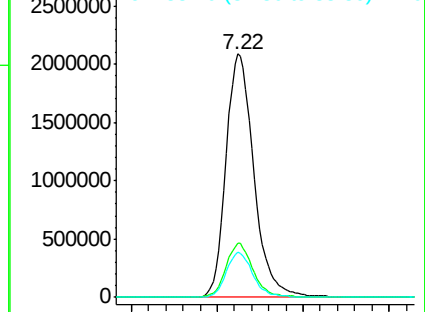
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Abundance Ion 114.10 (113.80 to 114.80): V

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0



#4

Chlorobenzene-d5

Concen: 10.000 ppbv m

RT: 12.15 min Scan# 2911

Delta R.T. 0.01 min

Lab File: VL036032.D

Acq: 30 Nov 2020 16:54

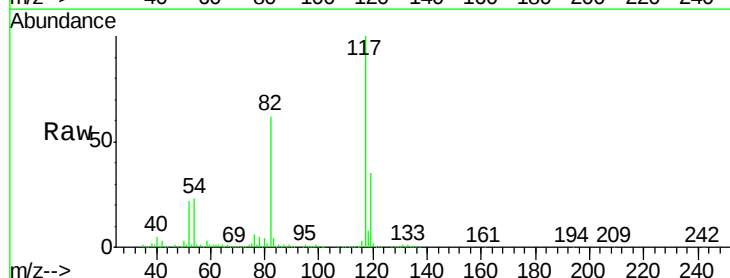
Tgt Ion:117 Resp: 4472430

Ion Ratio Lower Upper

117 100

82 62.5 48.6 73.0

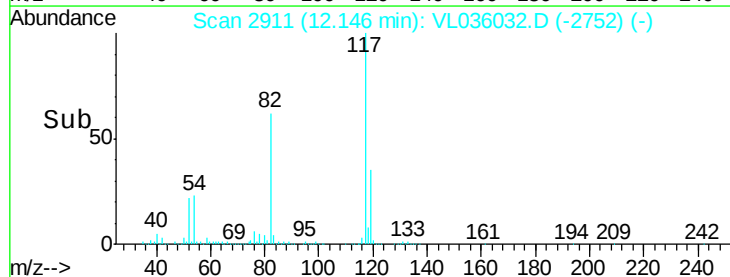
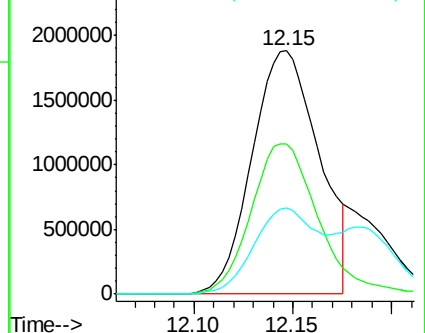
119 58.2 27.5 41.3#

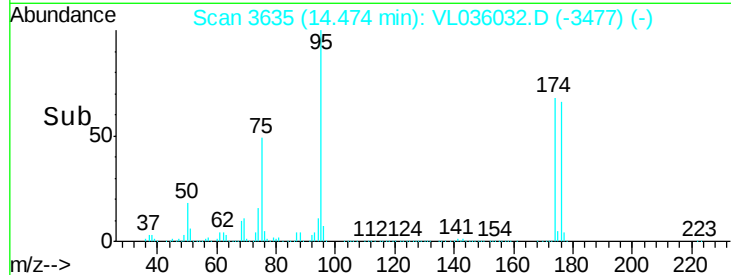
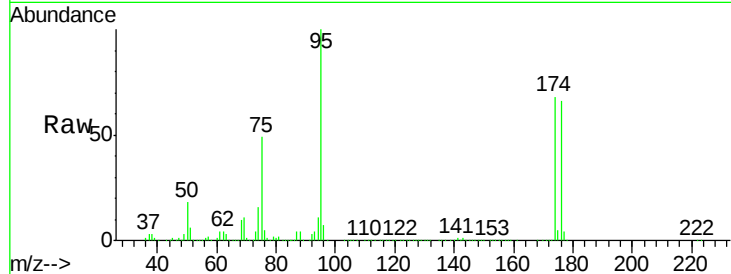
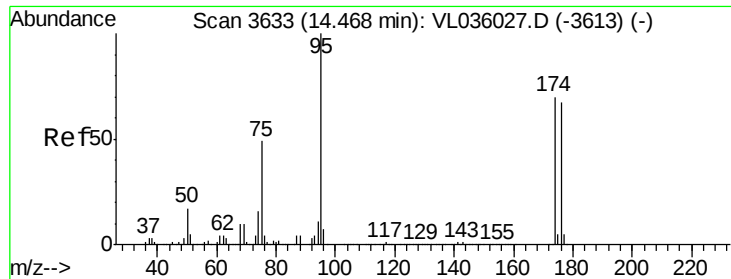


Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V





#5

1-Bromo-4-Fluorobenzene

Concen: 10.267 ppbv

RT: 14.47 min Scan# 3635

Delta R.T. 0.01 min

Lab File: VL036032.D

Acq: 30 Nov 2020 16:54

Tot Ion: 95 Resp: 3525953

Ion Ratio Lower Upper

95 100

174 69.1 56.2 84.2

175 5.0 4.0 6.0

Instrument :

MSVOA_L

ClientSampleId :

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