

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL081820\
 Data File : VL035459.D
 Acq On : 19 Aug 2020 2:18
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Manual Integrations
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 8/20/2020 11:07:40 AM

Quant Time: Aug 19 04:32:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL081720AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Aug 18 2020
 QLast Update : Mon Aug 17 19:28:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	1099456	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	5119489	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	5051233	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	3659380	10.35	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.50%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
20) Methylene Chloride	4.35	84	15479m	0.152	ppbv	

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

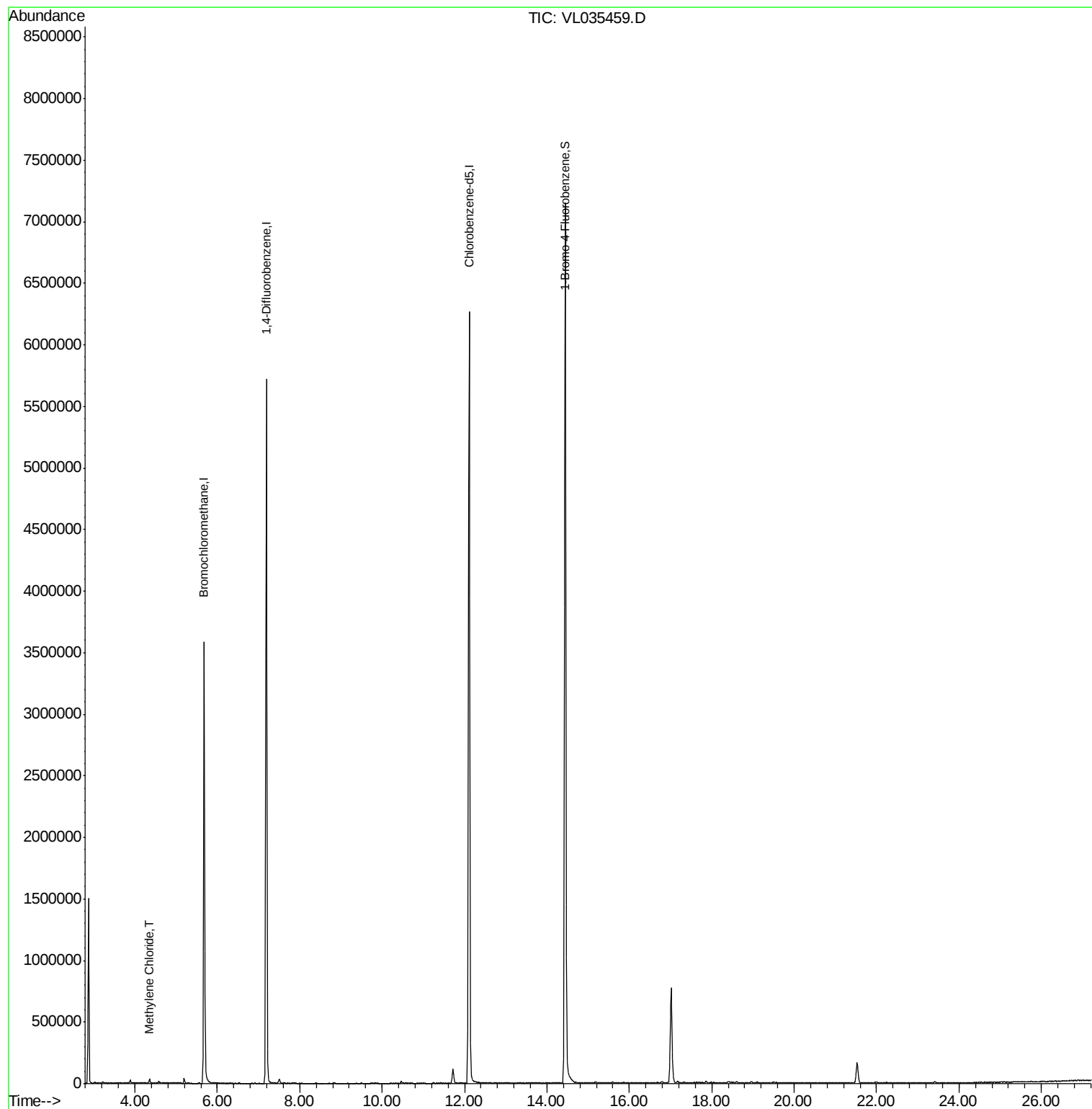
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL081820\
Data File : VL035459.D
Acq On : 19 Aug 2020 2:18
Operator : SY/AP
Sample : VIBLK
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

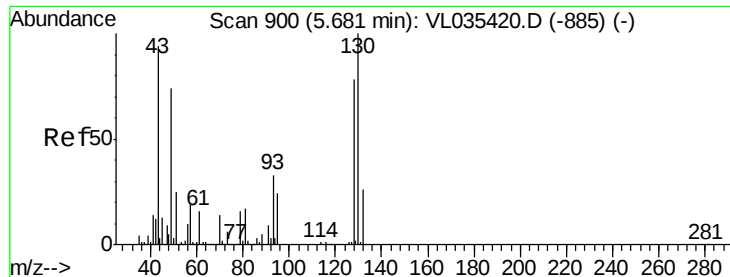
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

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Quant Time: Aug 19 04:32:41 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL081720AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Aug
QLast Update : Mon Aug 17 19:28:30 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 min Scan# 899

Delta R.T. 0.00 min

Lab File: VL035459.D

Acq: 19 Aug 2020 2:18

Instrument :

MSVOA_L

ClientSampled :

VIBLK

Tot Ion: 49 Resp: 1099456

Ion Ratio Lower Upper

49 100

128 105.5 20.9 62.7#

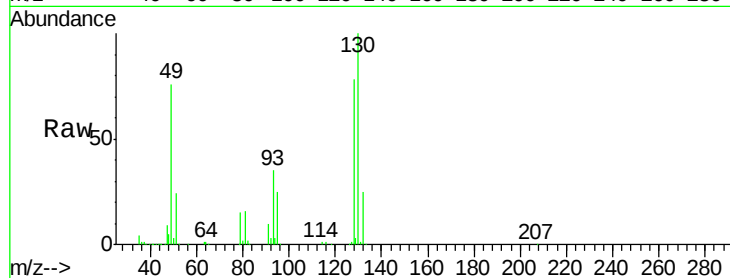
130 135.1 26.7 80.1#

Manual Integrations

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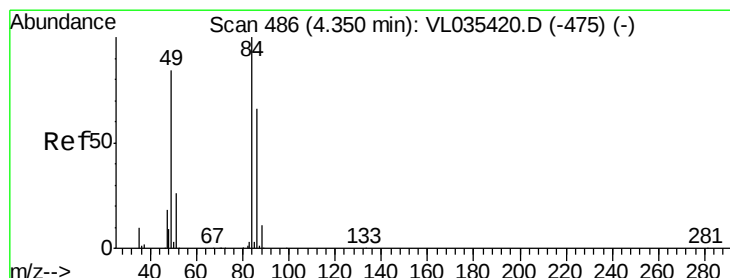
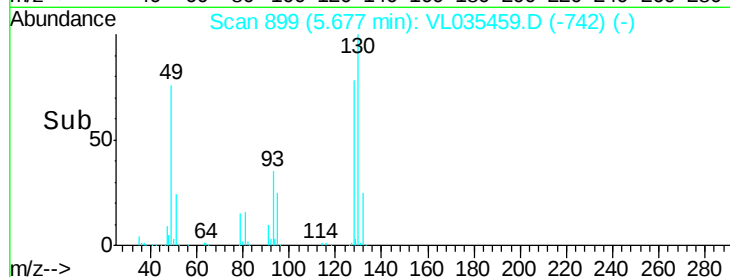
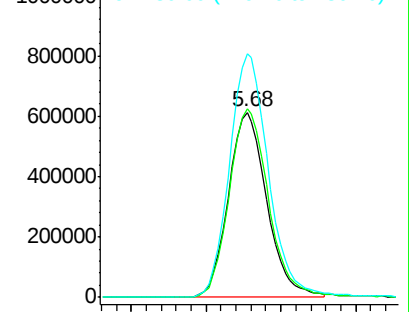
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#20

Methylene Chloride

Concen: 0.152 ppbv m

RT: 4.35 min Scan# 486

Delta R.T. 0.01 min

Lab File: VL035459.D

Acq: 19 Aug 2020 2:18

Tgt Ion: 84 Resp: 15479

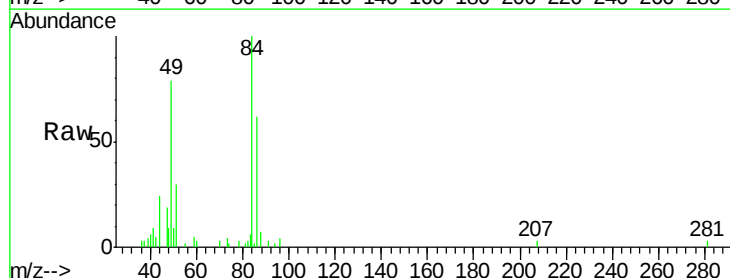
Ion Ratio Lower Upper

84 100

49 79.2 118.6 177.8#

51 29.6 36.4 54.6#

86 62.4 50.2 75.4

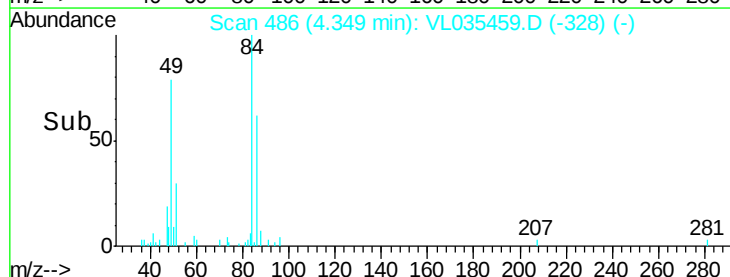
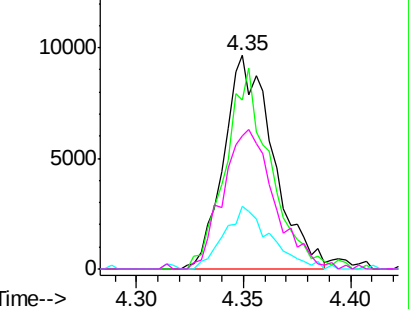


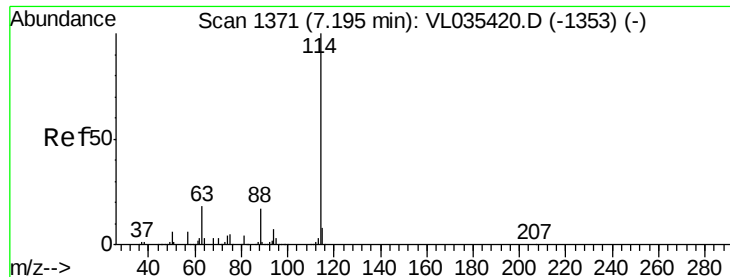
Abundance Ion 84.00 (83.70 to 84.70): VL0

Ion 49.10 (48.80 to 49.80): VL0

Ion 51.10 (50.80 to 51.80): VL0

Ion 86.00 (85.70 to 86.70): VL0





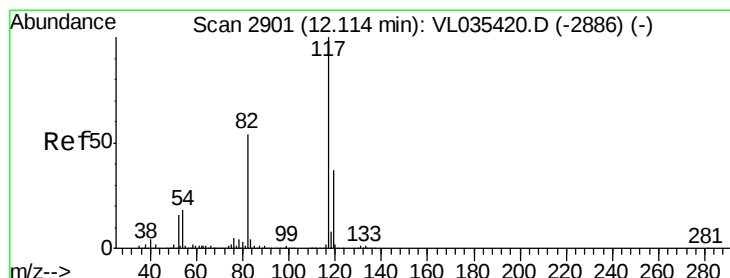
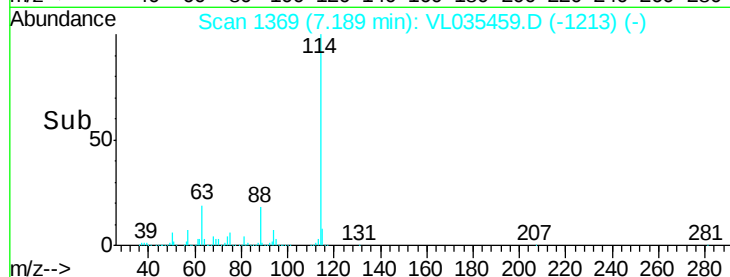
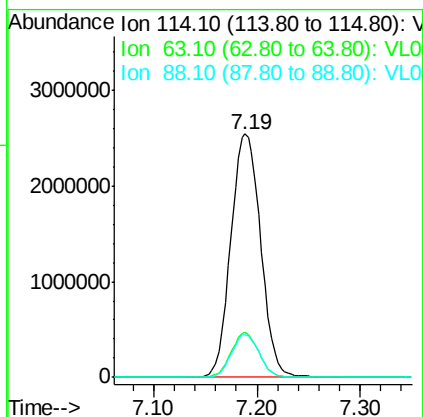
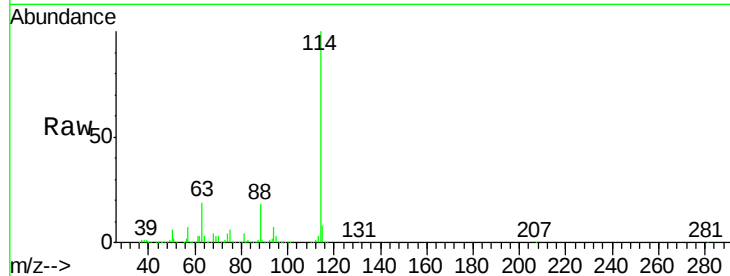
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.19 min Scan# 1369
 Delta R.T. 0.00 min
 Lab File: VL035459.D
 Acq: 19 Aug 2020 2:18

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Tot Ion:114 Resp: 5119489
 Ion Ratio Lower Upper
 114 100
 63 17.3 23.1 34.7#
 88 16.5 15.9 23.9

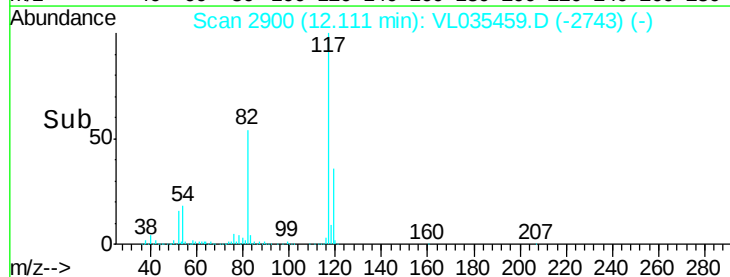
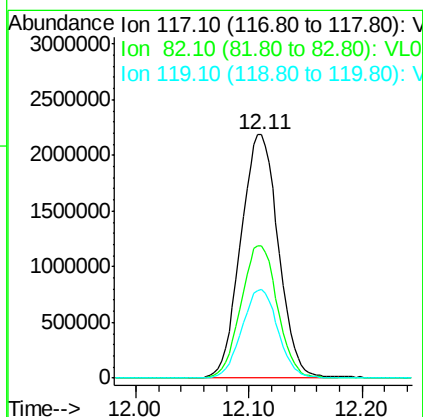
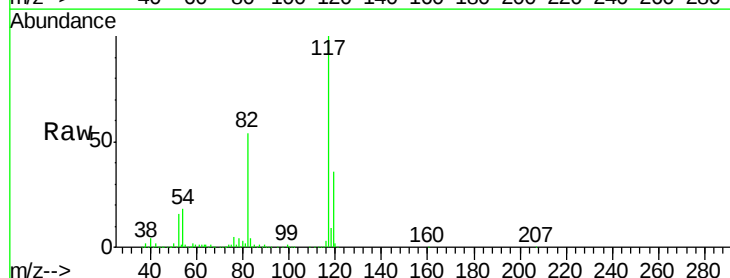
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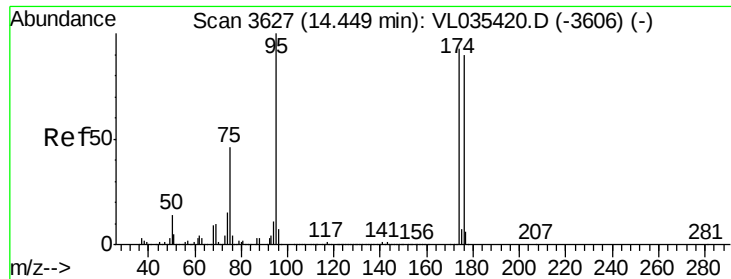
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#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.11 min Scan# 2900
 Delta R.T. 0.00 min
 Lab File: VL035459.D
 Acq: 19 Aug 2020 2:18

Tgt Ion:117 Resp: 5051233
 Ion Ratio Lower Upper
 117 100
 82 53.5 57.4 86.0#
 119 35.1 28.4 42.6





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.348 ppbv
 RT: 14.44 min Scan# 3625
 Delta R.T. 0.00 min
 Lab File: VL035459.D
 Acq: 19 Aug 2020 2:18

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Tot Ion: 95 Resp: 3659380
 Ion Ratio Lower Upper
 95 100
 174 89.9 44.0 66.0#
 175 6.5 3.2 4.8#

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