

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL081720\
 Data File : VL035428.D
 Acq On : 17 Aug 2020 21:47
 Operator : SY/AP
 Sample : VL0817ABL01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0817ABL01

Quant Time: Aug 24 07:30:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL081720AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Aug 17 19:28:30 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	1134231	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	4960586	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	4940710	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.45	95	3541633	10.24	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.40%

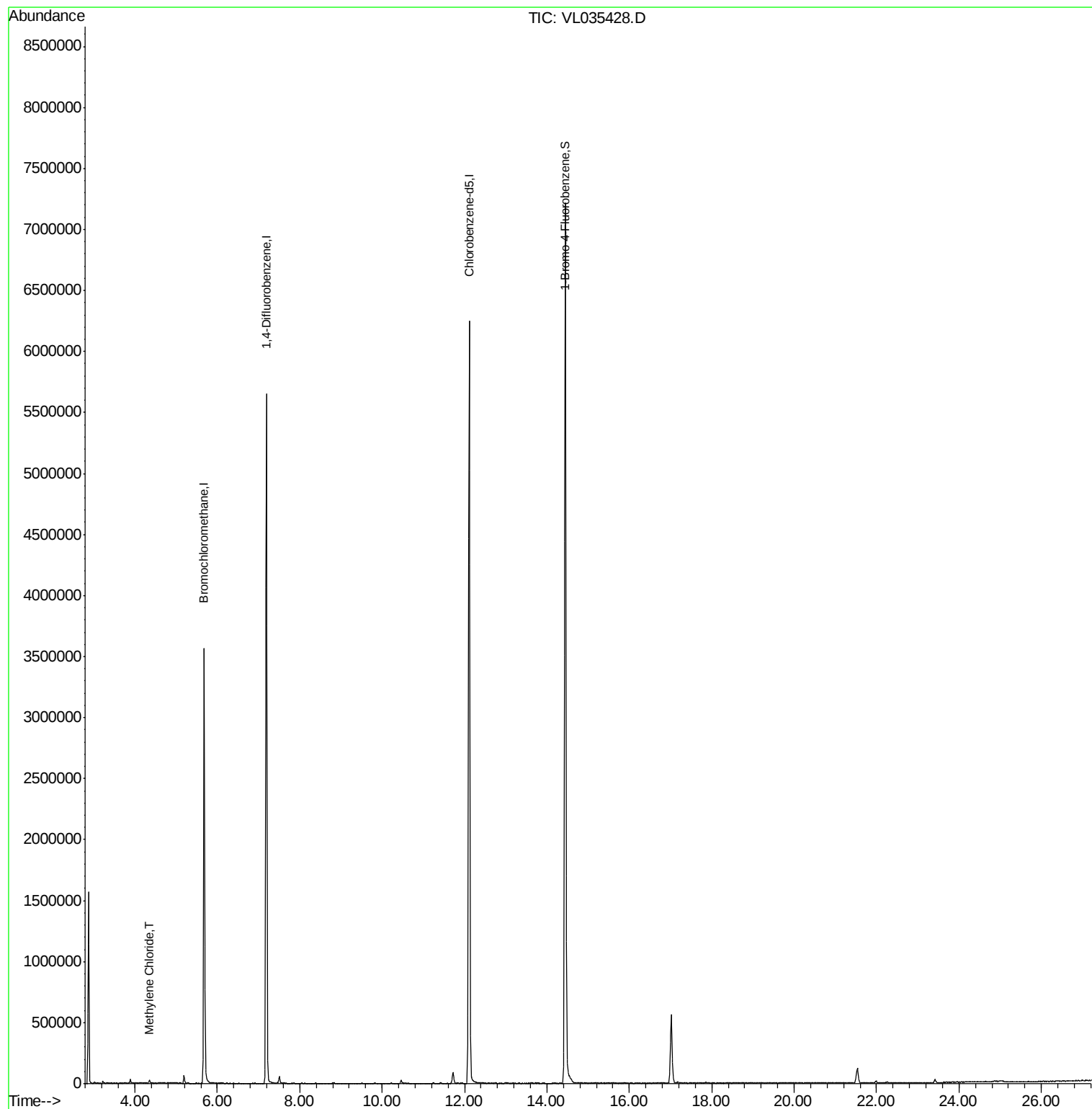
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
20) Methylene Chloride	4.35	84	12721	0.121	ppbv	# 62

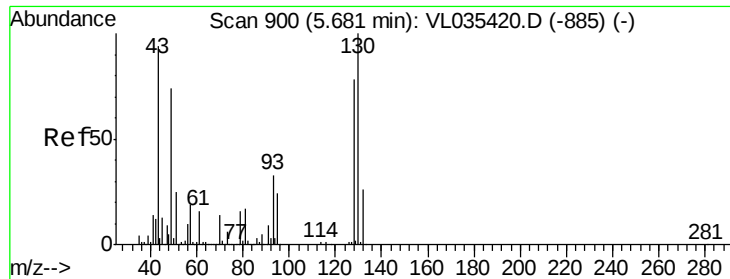
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VL035428.D

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MSVOA_L

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VL0817ABL01

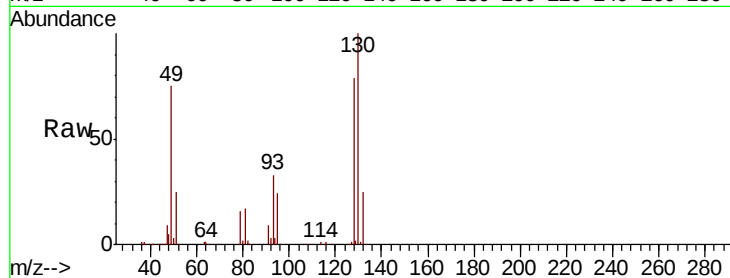
Tot Ion: 49 Resp: 1134231

Ion Ratio Lower Upper

49 100

128 101.7 20.9 62.7#

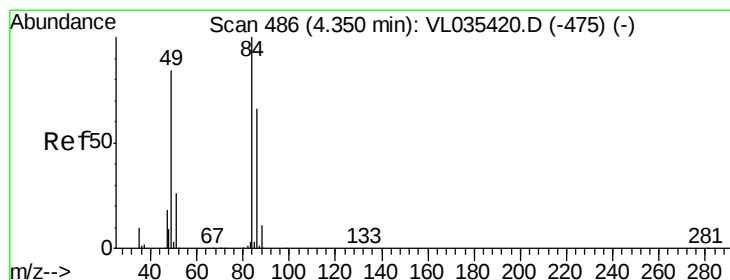
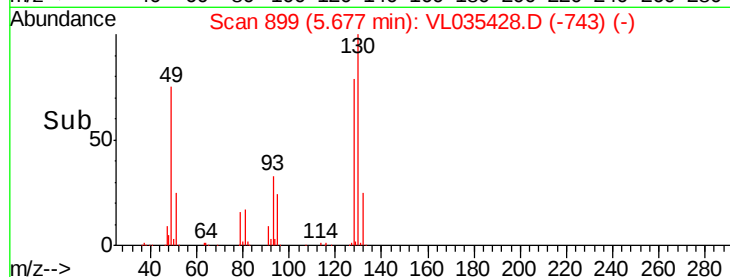
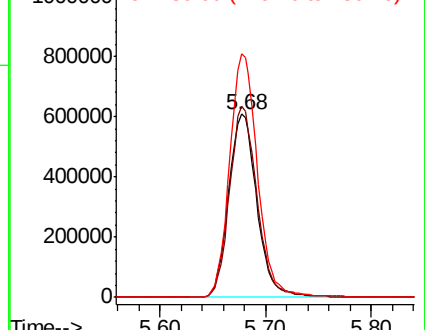
130 131.9 26.7 80.1#



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



#20

Methylene Chloride

Concen: 0.121 ppbv

RT: 4.35 min Scan# 487

Delta R.T. 0.01 min

Lab File: VL035428.D

Acq: 17 Aug 2020 21:47

Tgt Ion: 84 Resp: 12721

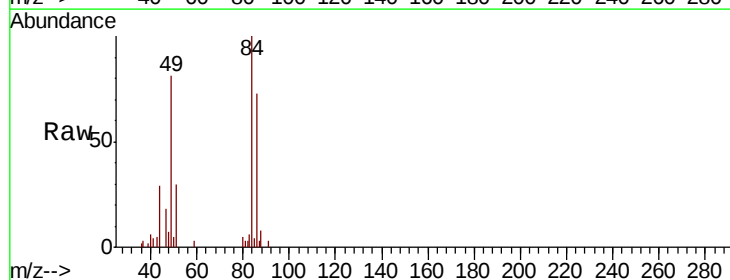
Ion Ratio Lower Upper

84 100

49 81.2 118.6 177.8#

51 30.2 36.4 54.6#

86 73.3 50.2 75.4

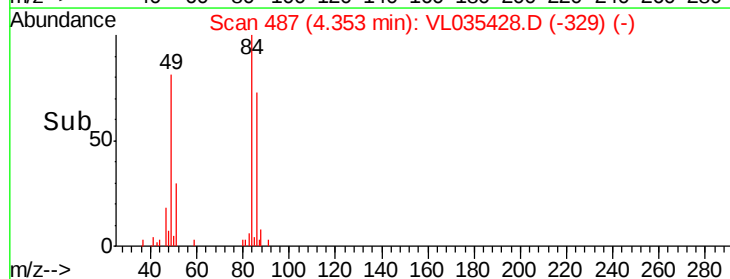
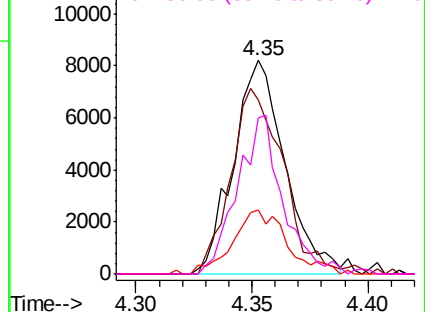


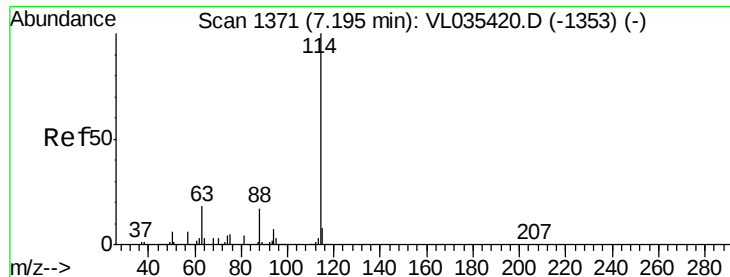
Abundance Ion 84.00 (83.70 to 84.70): VL0

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

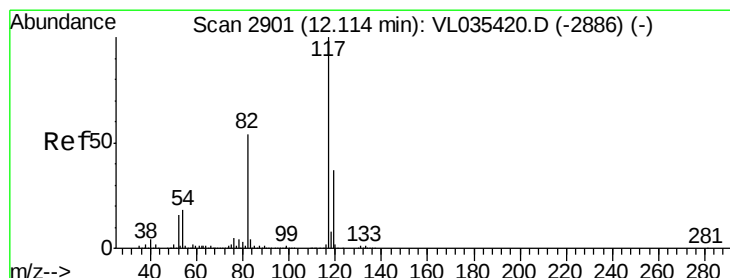
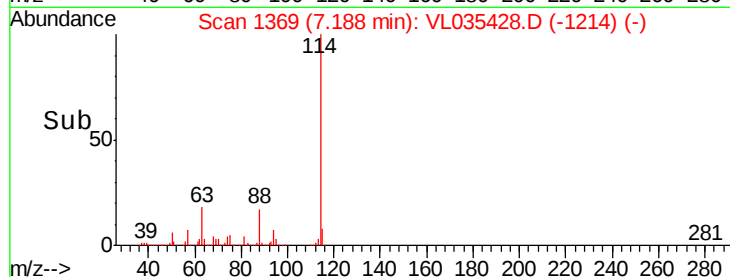
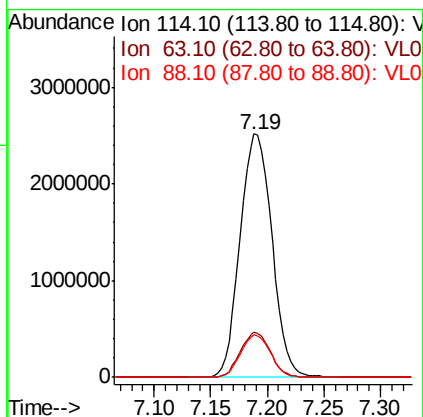
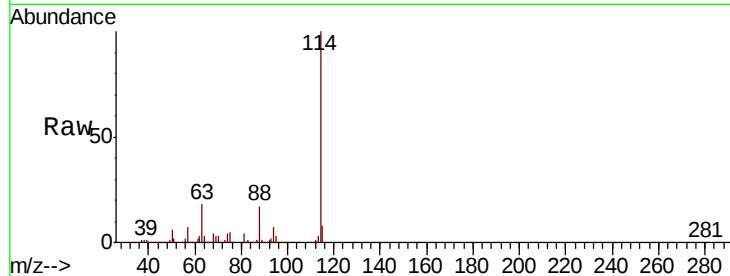




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.19 min Scan# 1369
 Delta R.T. -0.00 min
 Lab File: VL035428.D
 Acq: 17 Aug 2020 21:47

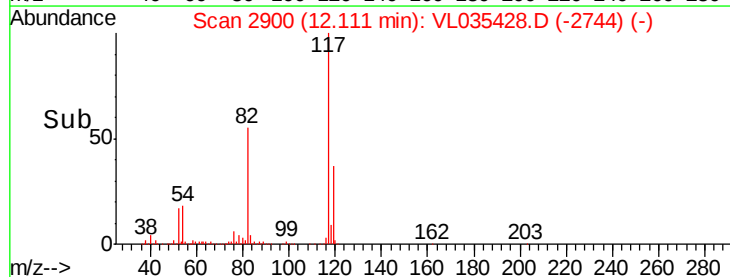
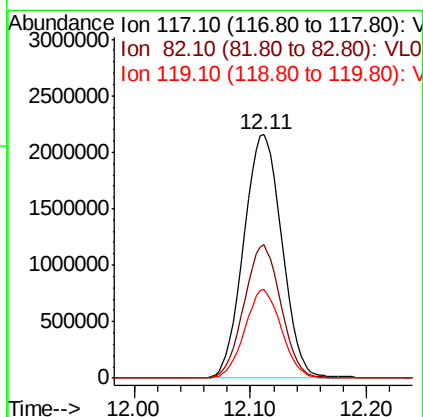
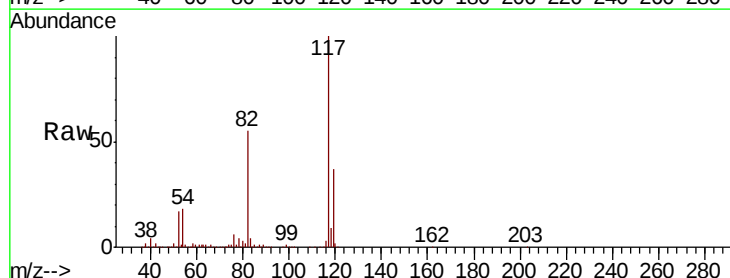
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0817ABL01

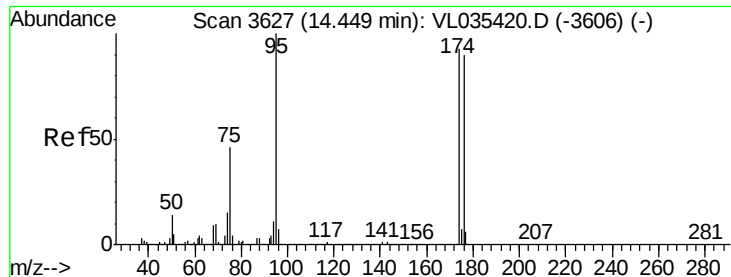
Tot Ion:114 Resp: 4960586
 Ion Ratio Lower Upper
 114 100
 63 17.5 23.1 34.7#
 88 16.5 15.9 23.9



#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.11 min Scan# 2900
 Delta R.T. 0.00 min
 Lab File: VL035428.D
 Acq: 17 Aug 2020 21:47

Tgt Ion:117 Resp: 4940710
 Ion Ratio Lower Upper
 117 100
 82 53.3 57.4 86.0#
 119 35.0 28.4 42.6





#68

1-Bromo-4-Fluorobenzene

Concen: 10.239 ppbv

RT: 14.45 min Scan# 3626

Delta R.T. 0.01 min

Lab File: VL035428.D

Acq: 17 Aug 2020 21:47

Instrument :

MSVOA_L

ClientSampleId :

VL0817ABL01

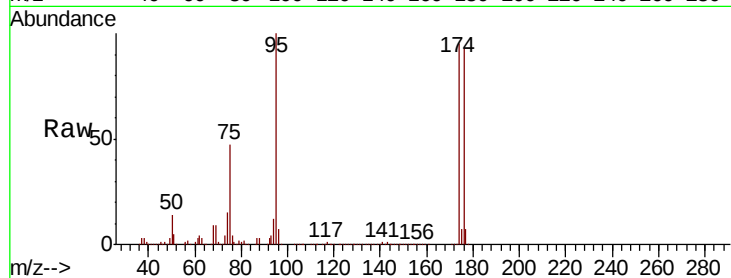
Tot Ion: 95 Resp: 3541633

Ion Ratio Lower Upper

95 100

174 96.7 44.0 66.0#

175 7.1 3.2 4.8#



Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V

