

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL081820\
 Data File : VL035445.D
 Acq On : 18 Aug 2020 16:33
 Operator : SY/AP
 Sample : VL0818ABL01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0818ABL01

Quant Time: Aug 19 02:59:20 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	1101253	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	4790583	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	4797491	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.45	95	3446967	10.26	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.60%

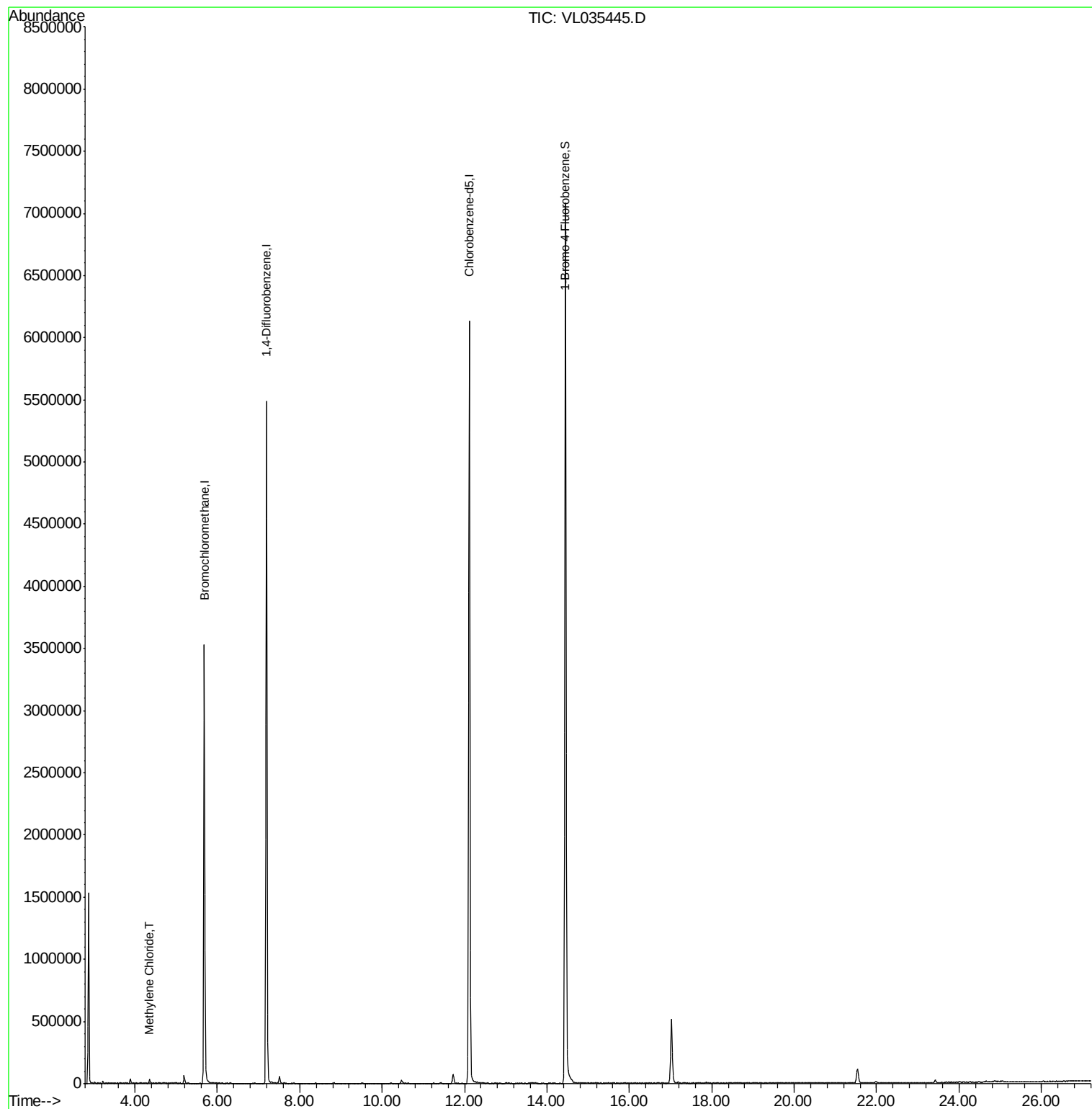
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
20) Methylene Chloride	4.36	84	13220	0.129	ppbv	# 49

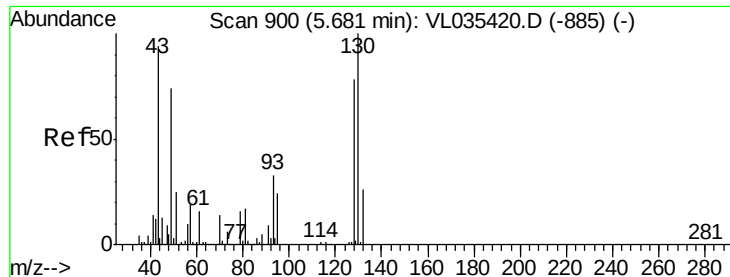
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Aug 17 19:28:30 2020
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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 min Scan# 900

Delta R.T. 0.01 min

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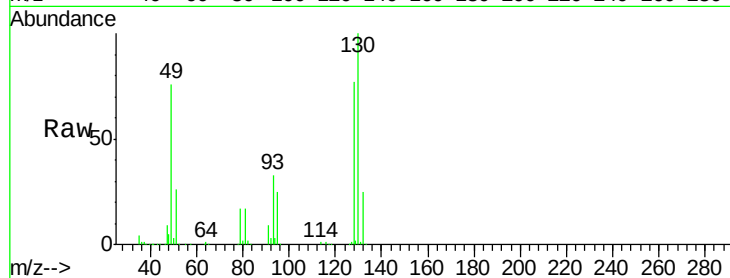
Tot Ion: 49 Resp: 1101253

Ion Ratio Lower Upper

49 100

128 102.1 20.9 62.7#

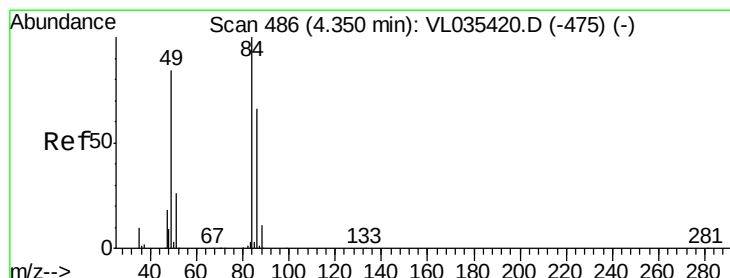
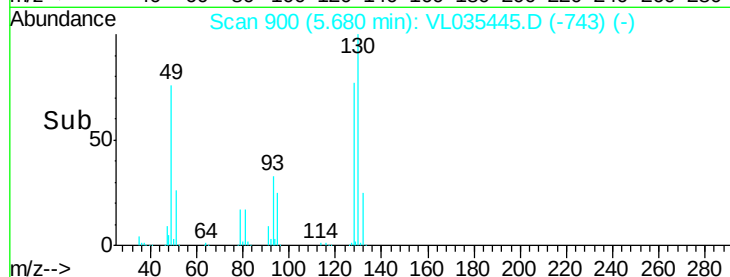
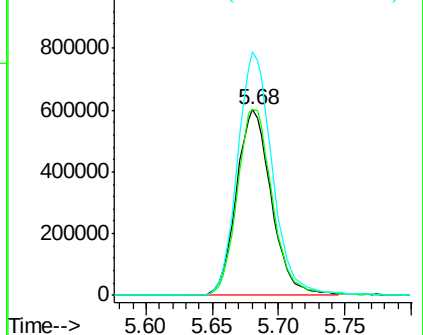
130 131.3 26.7 80.1#



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: 0.129 ppbv

RT: 4.36 min Scan# 489

Delta R.T. 0.02 min

Lab File: VL035445.D

Acq: 18 Aug 2020 16:33

Tgt Ion: 84 Resp: 13220

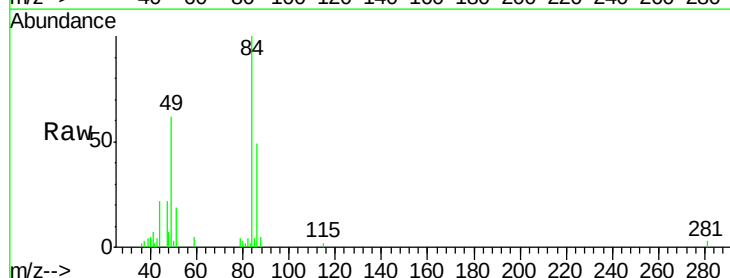
Ion Ratio Lower Upper

84 100

49 62.2 118.6 177.8#

51 19.1 36.4 54.6#

86 49.5 50.2 75.4#

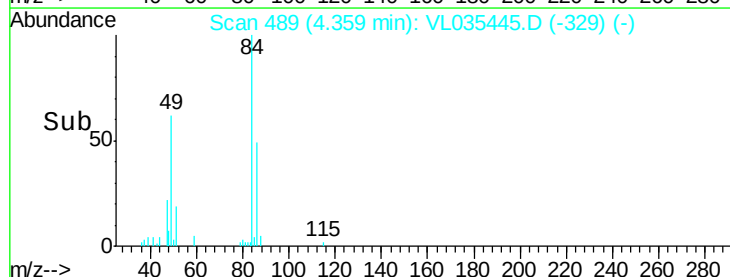
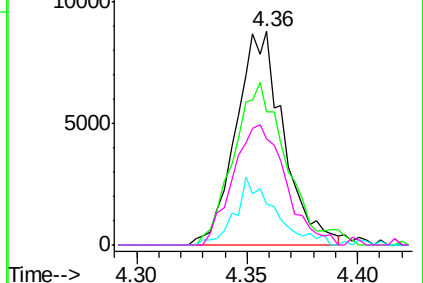


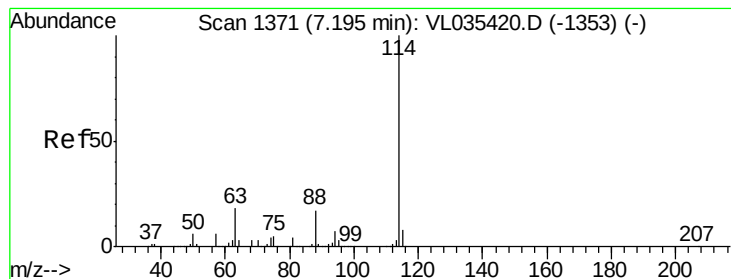
Abundance Ion 84.00 (83.70 to 84.70): VL0

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# 1370

Delta R.T. 0.00 min

Lab File: VL035445.D

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Instrument :

MSVOA_L

ClientSampleId :

VL0818ABL01

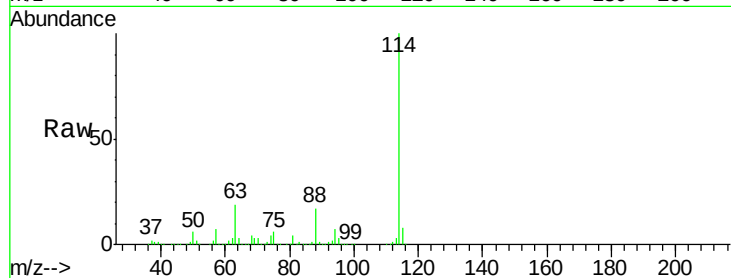
Tot Ion:114 Resp: 4790583

Ion Ratio Lower Upper

114 100

63 17.7 23.1 34.7#

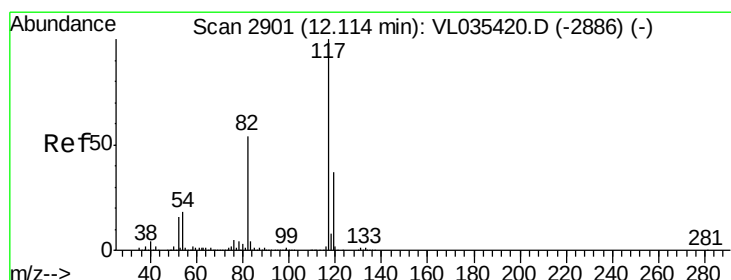
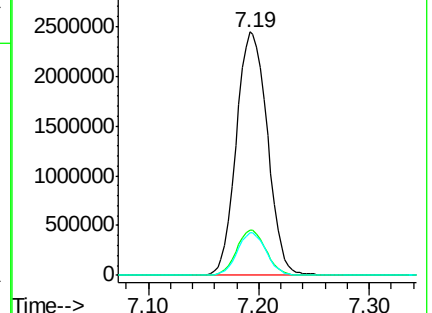
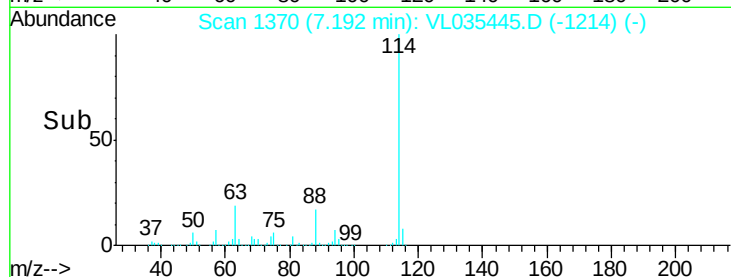
88 16.4 15.9 23.9



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: 12.11 min Scan# 2901

Delta R.T. 0.01 min

Lab File: VL035445.D

Acq: 18 Aug 2020 16:33

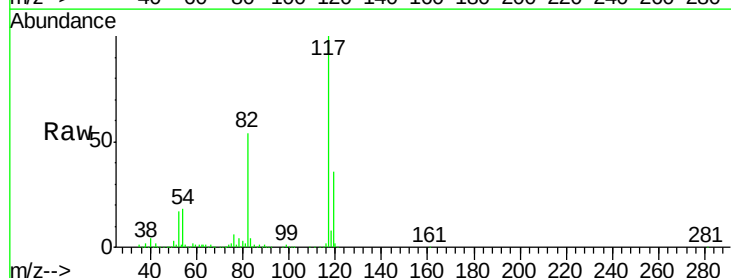
Tgt Ion:117 Resp: 4797491

Ion Ratio Lower Upper

117 100

82 53.1 57.4 86.0#

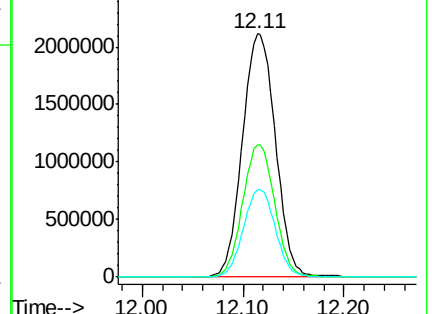
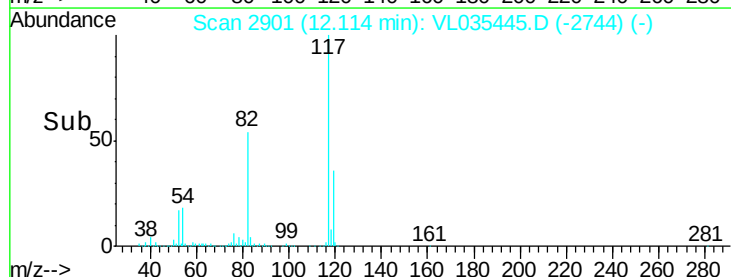
119 35.1 28.4 42.6

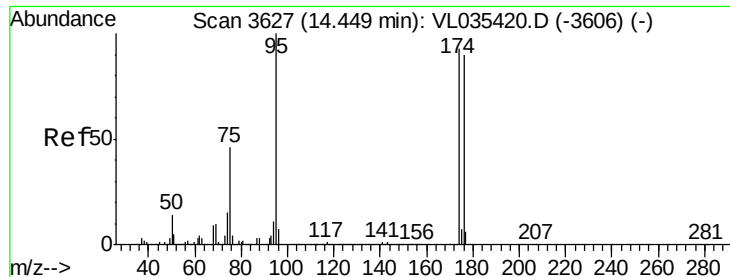


Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V





#68

1-Bromo-4-Fluorobenzene

Concen: 10.263 ppbv

RT: 14.45 min Scan# 3627

Delta R.T. 0.01 min

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Tot Ion: 95 Resp: 3446967

Ion Ratio Lower Upper

95 100

174 95.9 44.0 66.0#

175 7.1 3.2 4.8#

