

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL071620\
 Data File : VL035194.D
 Acq On : 16 Jul 2020 15:13
 Operator : SY/AP
 Sample : L3318-02 600X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 CARBON-03

Quant Time: Jul 17 10:00:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL070820AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jul 08 07:05:23 2020
 QLast Update : Wed Jul 08 07:05:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.63	49	1189930	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.15	114	2789178	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.09	117	2519069	10.00	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	2093147	10.23	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.30%

Target Compounds

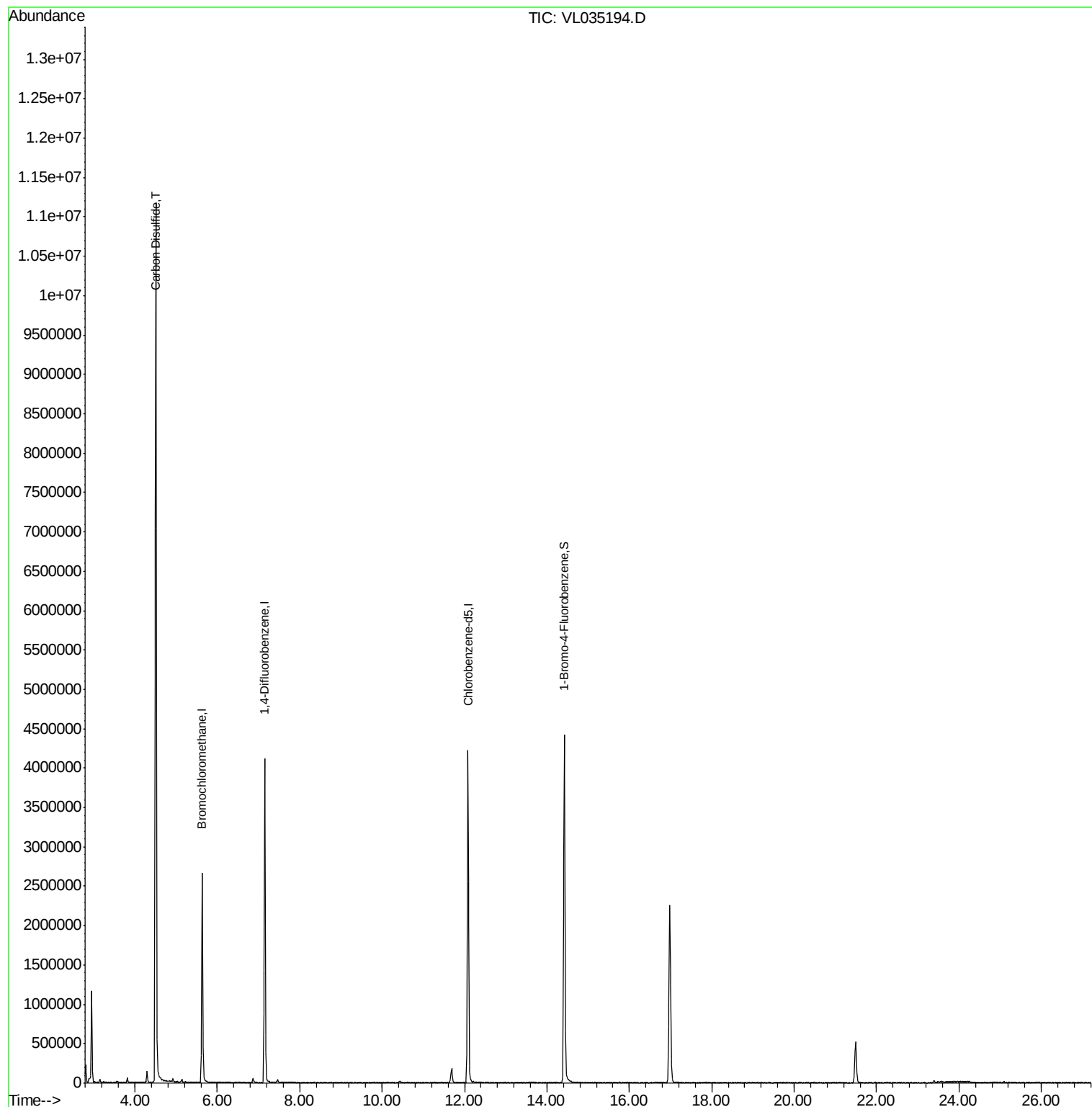
	R.T.	QIon	Response	Conc	Units	Ovalue
27) Carbon Disulfide	4.50	76	12571005	81.670	ppbv	# 67

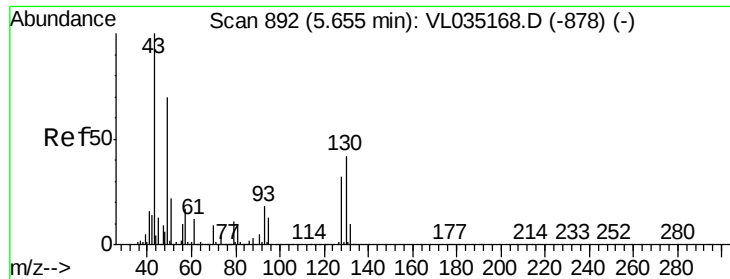
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.63 min Scan# 884

Delta R.T. -0.03 min

Lab File: VL035194.D

Acq: 16 Jul 2020 15:13

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ClientSampleId :

CARBON-03

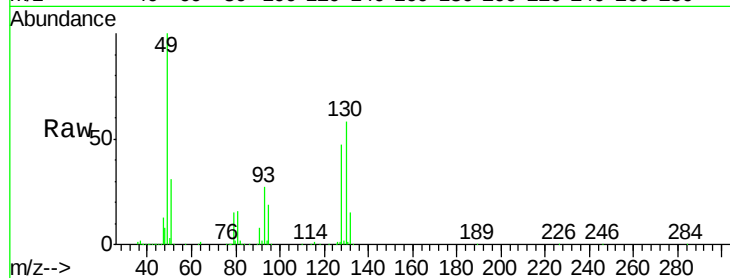
Tot Ion: 49 Resp: 1189930

Ion Ratio Lower Upper

49 100

128 47.6 23.8 71.4

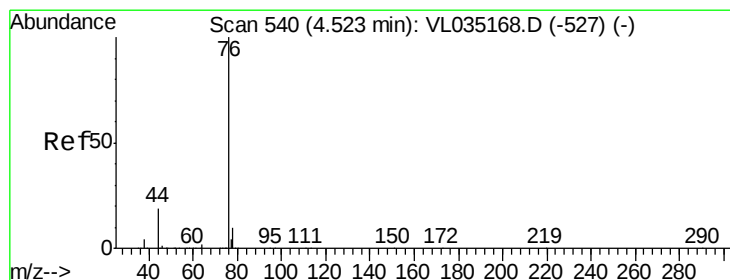
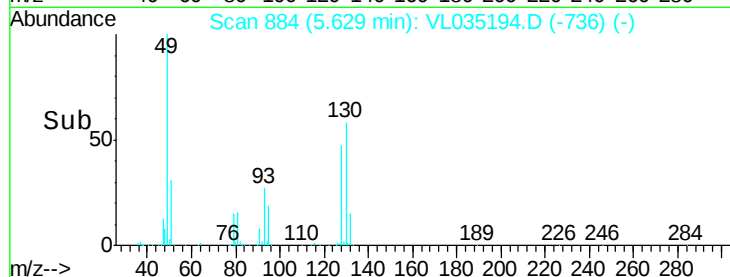
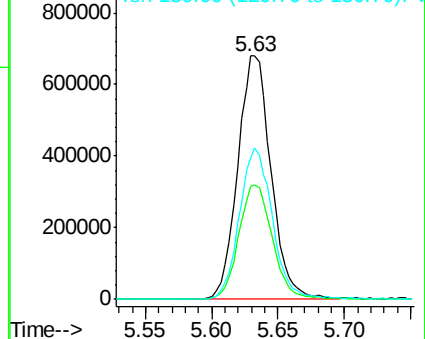
130 61.8 29.9 89.8



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



#27

Carbon Disulfide

Concen: 81.670 ppbv

RT: 4.50 min Scan# 534

Delta R.T. -0.02 min

Lab File: VL035194.D

Acq: 16 Jul 2020 15:13

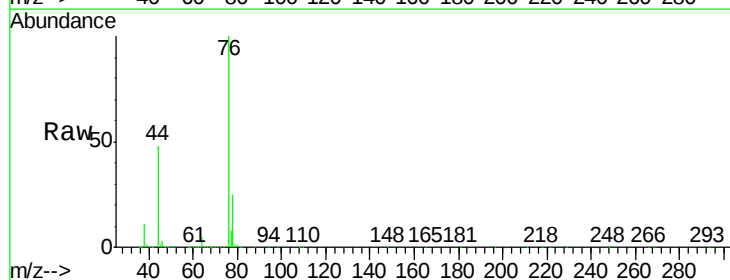
Tgt Ion: 76 Resp: 12571005

Ion Ratio Lower Upper

76 100

44 35.5 14.9 22.3#

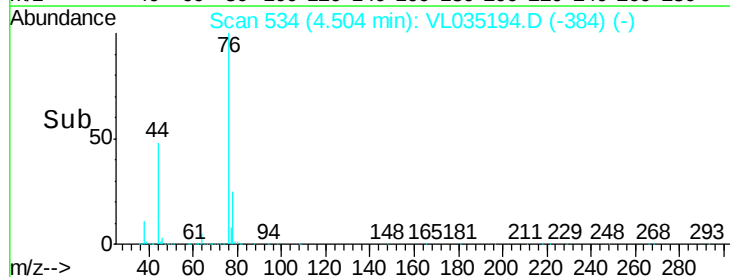
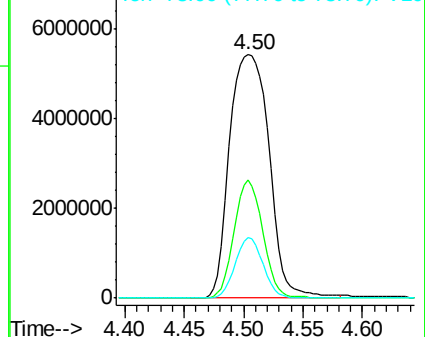
78 17.7 7.5 11.3#

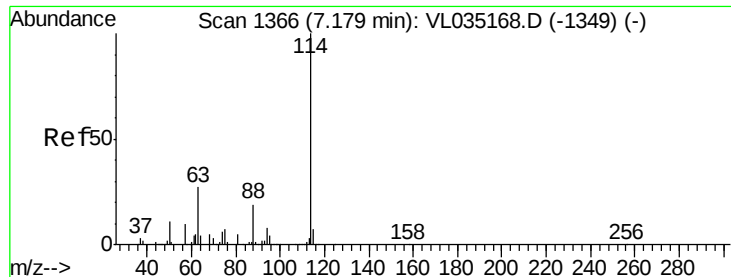


Abundance Ion 76.00 (75.70 to 76.70): VL0

Ion 44.10 (43.80 to 44.80): VL0

Ion 78.00 (77.70 to 78.70): VL0

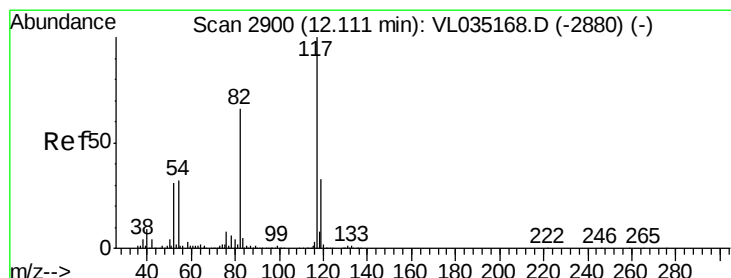
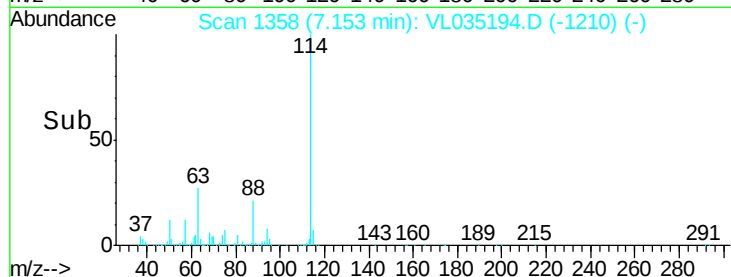
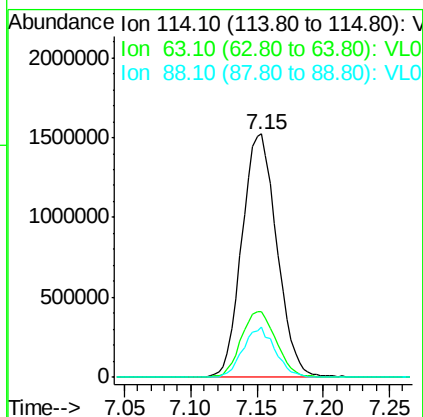
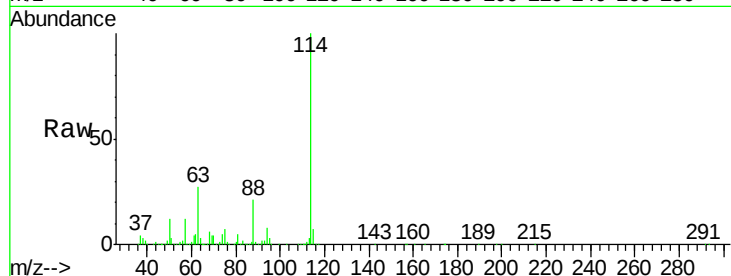




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.15 min Scan# 1358
 Delta R.T. -0.03 min
 Lab File: VL035194.D
 Acq: 16 Jul 2020 15:13

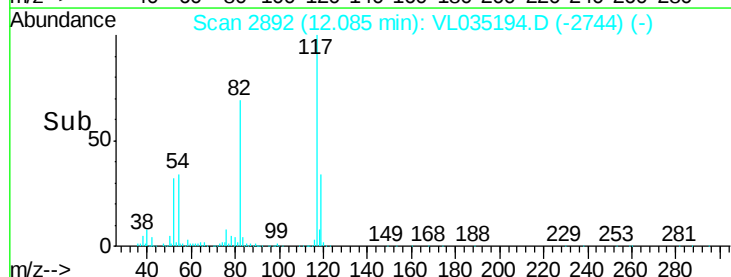
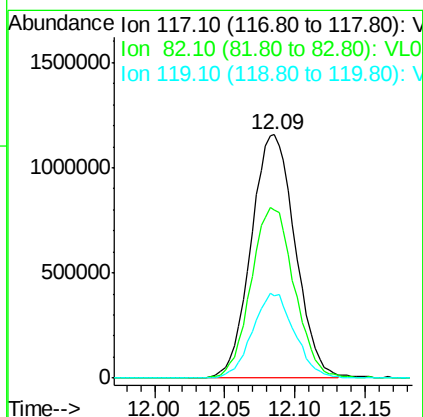
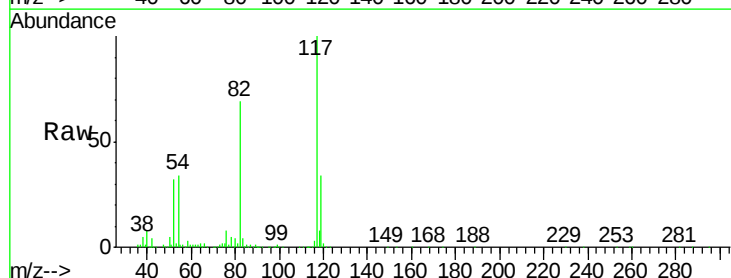
Instrument :
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 CARBON-03

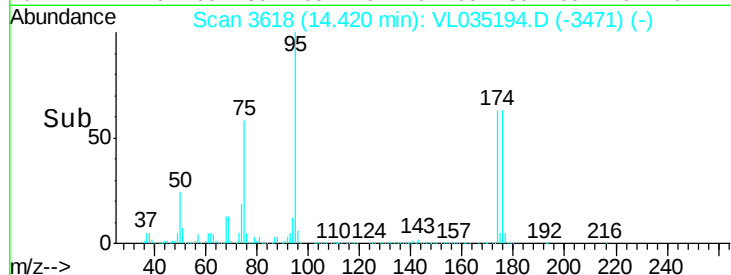
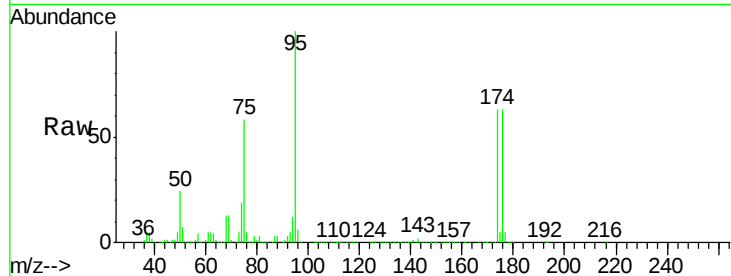
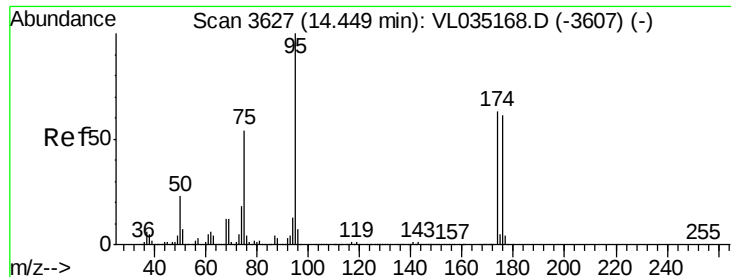
Tot Ion:114 Resp: 2789178
 Ion Ratio Lower Upper
 114 100
 63 27.3 22.0 33.0
 88 19.0 15.4 23.0



#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.09 min Scan# 2892
 Delta R.T. -0.03 min
 Lab File: VL035194.D
 Acq: 16 Jul 2020 15:13

Tgt Ion:117 Resp: 2519069
 Ion Ratio Lower Upper
 117 100
 82 69.3 52.3 78.5
 119 33.5 24.9 37.3





#68

1-Bromo-4-Fluorobenzene

Concen: 10.228 ppbv

RT: 14.42 min Scan# 3618

Delta R.T. -0.03 min

Lab File: VL035194.D

Acq: 16 Jul 2020 15:13

Instrument :

MSVOA_L

ClientSampleId :

CARBON-03

Tot Ion: 95 Resp: 2093147

Ion Ratio Lower Upper

95 100

174 64.4 52.2 78.2

175 4.9 4.0 6.0

