

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL071620\
 Data File : VL035205.D
 Acq On : 16 Jul 2020 22:21
 Operator : SY/AP
 Sample : L3318-01DL DUP 1200X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 PERM-02DL DUP

Quant Time: Jul 17 09:58:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL070820AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed 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	1009203	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.16	114	2459009	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.09	117	2291147	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	1890622	10.16	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.60%

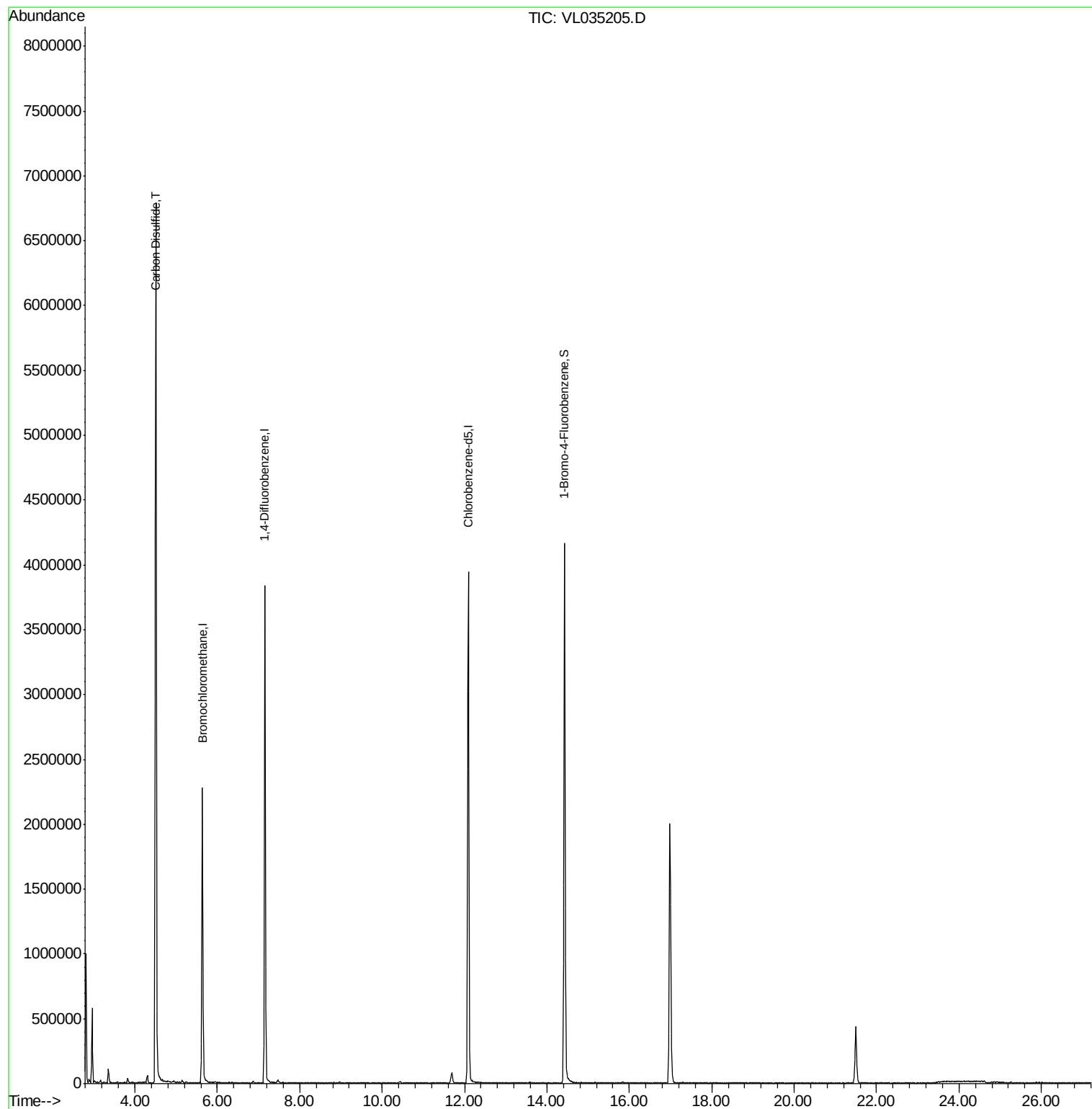
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
27) Carbon Disulfide	4.51	76	8078007	61.879	ppbv	# 89

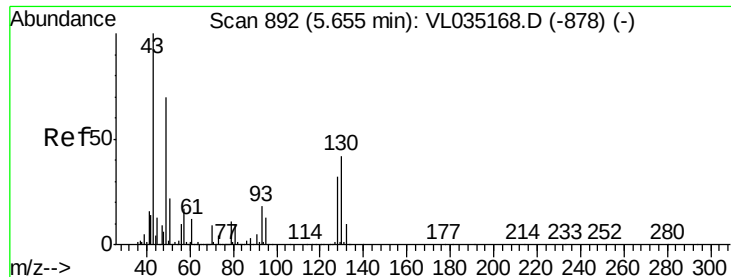
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.63 min Scan# 885

Delta R.T. -0.02 min

Lab File: VL035205.D

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Instrument :

MSVOA_L

ClientSampleId :

PERM-02DLDUP

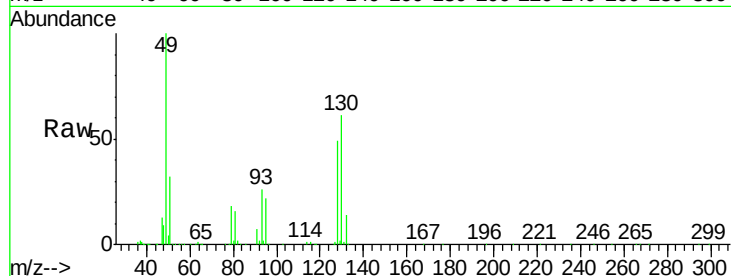
Tot Ion: 49 Resp: 1009203

Ion Ratio Lower Upper

49 100

128 49.3 23.8 71.4

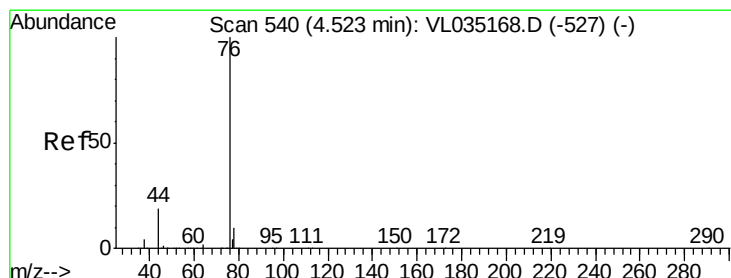
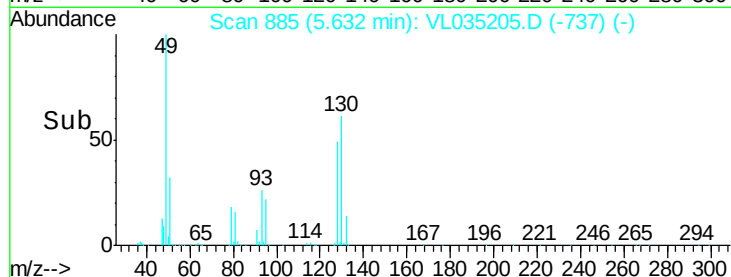
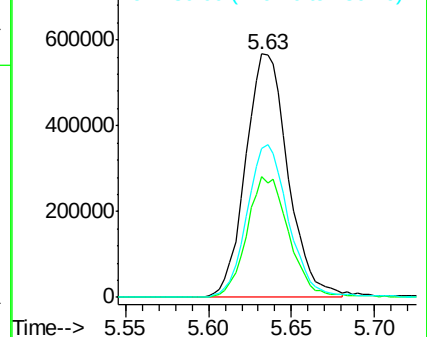
130 61.6 29.9 89.8



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: 61.879 ppbv

RT: 4.51 min Scan# 535

Delta R.T. -0.02 min

Lab File: VL035205.D

Acq: 16 Jul 2020 22:21

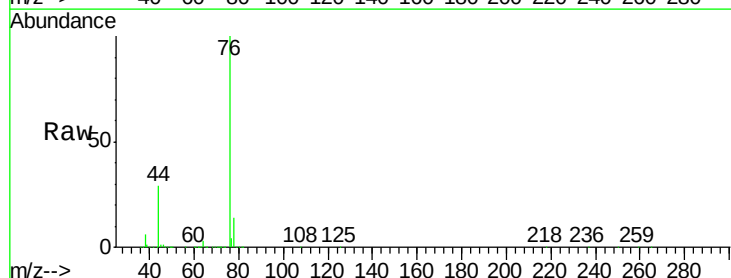
Tgt Ion: 76 Resp: 8078007

Ion Ratio Lower Upper

76 100

44 24.5 14.9 22.3#

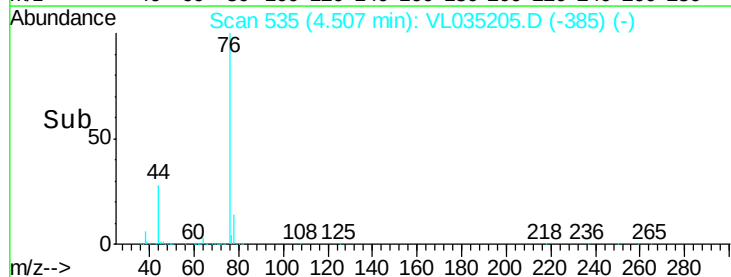
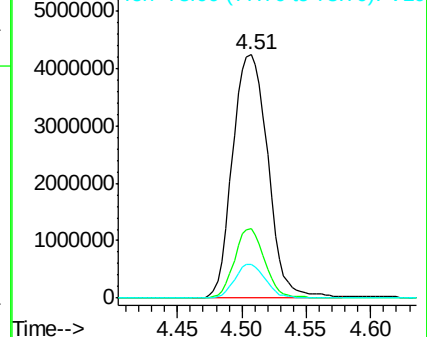
78 12.3 7.5 11.3#

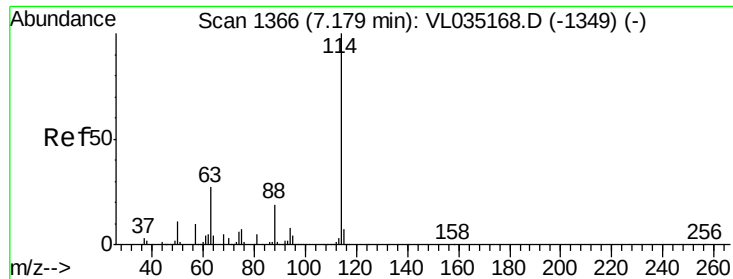


Abundance Ion 76.00 (75.70 to 76.70): VL0

Ion 44.10 (43.80 to 44.80): VL0

Ion 78.00 (77.70 to 78.70): VL0

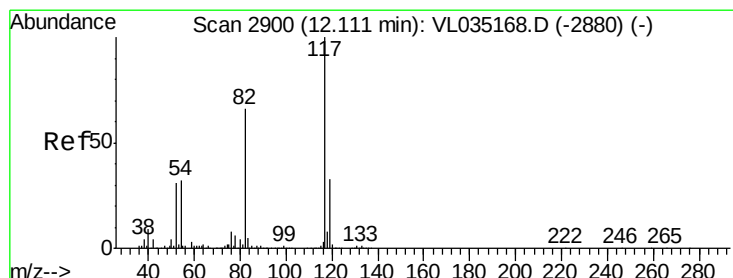
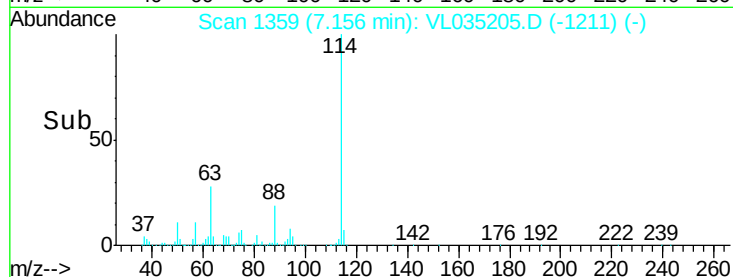
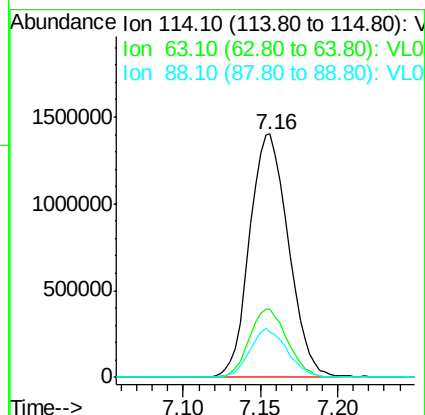
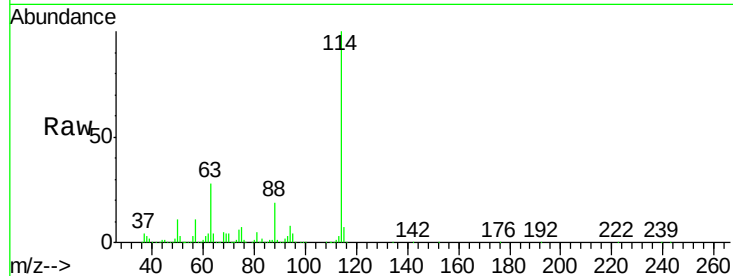




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.16 min Scan# 1359
 Delta R.T. -0.02 min
 Lab File: VL035205.D
 Acq: 16 Jul 2020 22:21

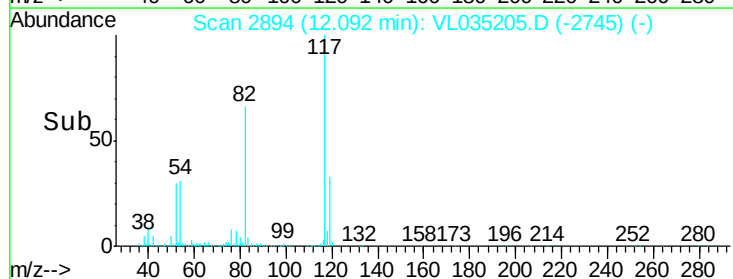
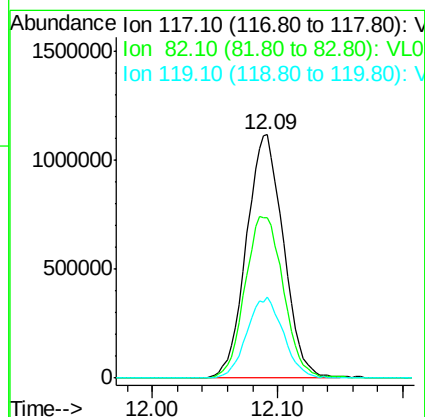
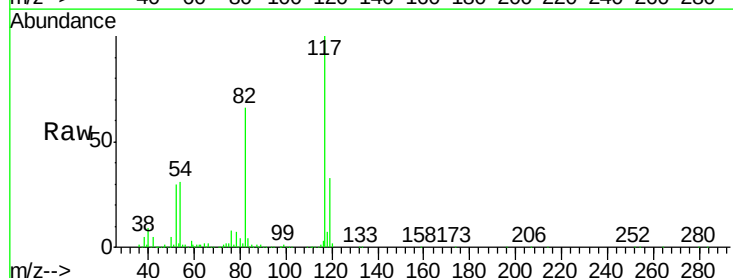
Instrument :
 MSVOA_L
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 PERM-02DLDUP

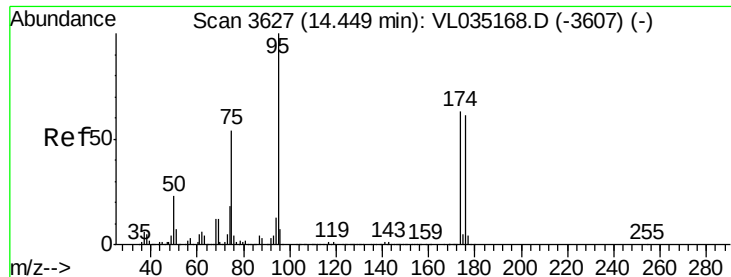
Tot Ion:114 Resp: 2459009
 Ion Ratio Lower Upper
 114 100
 63 27.7 22.0 33.0
 88 19.3 15.4 23.0



#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.09 min Scan# 2894
 Delta R.T. -0.02 min
 Lab File: VL035205.D
 Acq: 16 Jul 2020 22:21

Tgt Ion:117 Resp: 2291147
 Ion Ratio Lower Upper
 117 100
 82 68.9 52.3 78.5
 119 32.9 24.9 37.3





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.158 ppbv
 RT: 14.43 min Scan# 3620
 Delta R.T. -0.02 min
 Lab File: VL035205.D
 Acq: 16 Jul 2020 22:21

Instrument :
 MSVOA_L
 ClientSampleId :
 PERM-02DLDUP

Tot Ion: 95 Resp: 1890622
 Ion Ratio Lower Upper
 95 100
 174 64.7 52.2 78.2
 175 4.6 4.0 6.0

