

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL071620\
 Data File : VL035199.D
 Acq On : 16 Jul 2020 18:28
 Operator : SY/AP
 Sample : L3318-01DL 1200X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 PERM-02DL

Quant Time: Jul 17 09:52:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL070820AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 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	5.64	49	1060458	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.15	114	2552656	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.09	117	2387635	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	1967397	10.14	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.40%

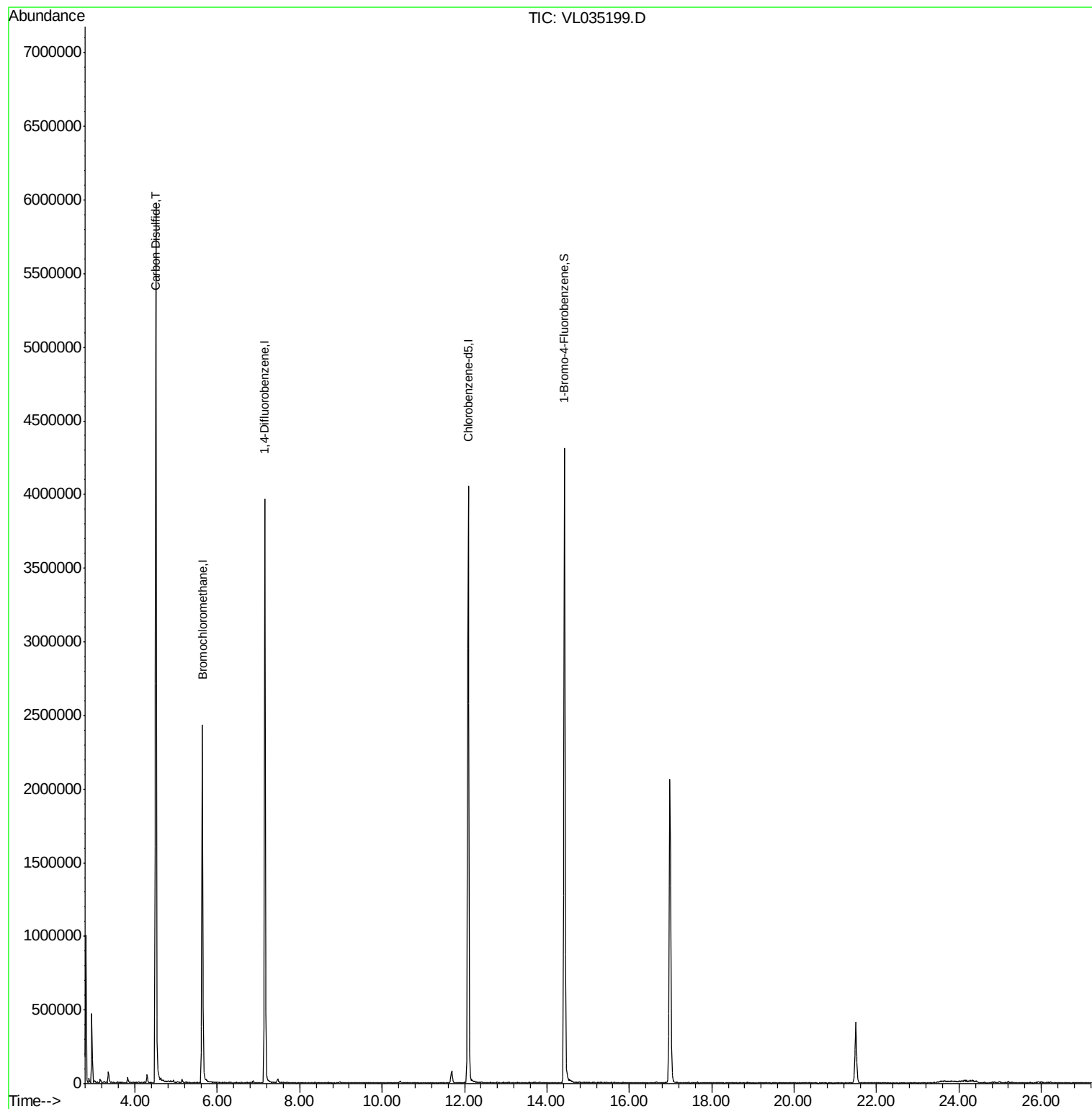
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
27) Carbon Disulfide	4.50	76	7060622	51.471	ppbv	# 91

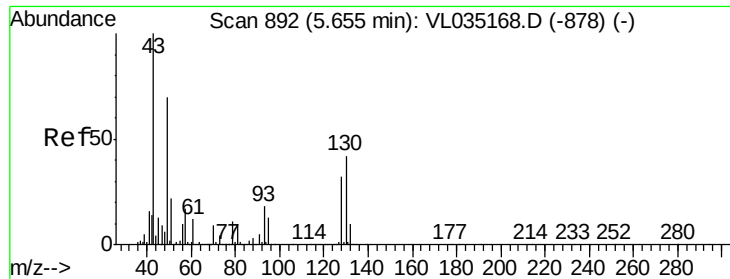
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jul 08 07:05:23 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.64 min Scan# 886

Delta R.T. -0.02 min

Lab File: VL035199.D

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MSVOA_L

ClientSampleId :

PERM-02DL

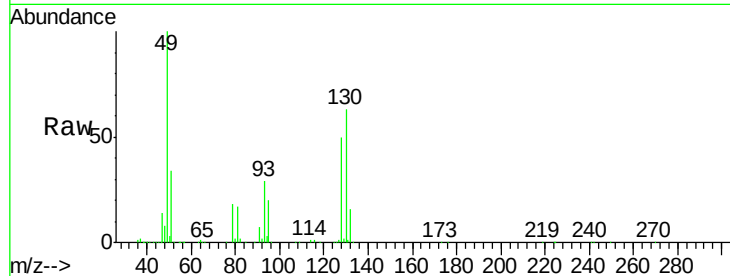
Tot Ion: 49 Resp: 1060458

Ion Ratio Lower Upper

49 100

128 48.6 23.8 71.4

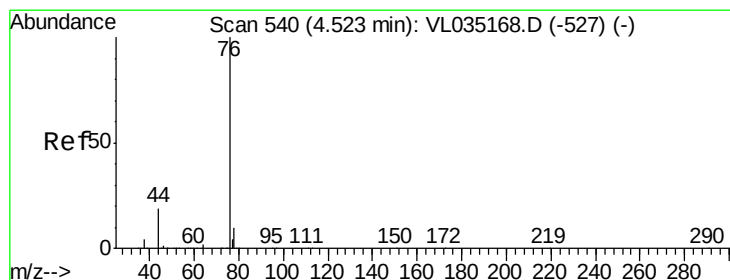
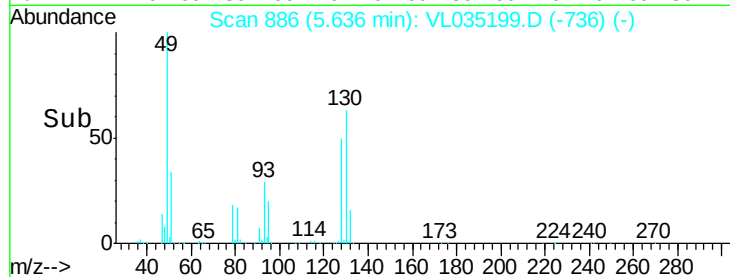
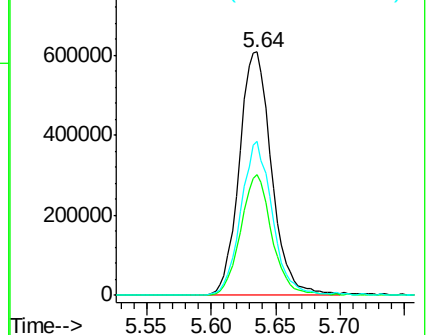
130 62.6 29.9 89.8



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: 51.471 ppbv

RT: 4.50 min Scan# 534

Delta R.T. -0.02 min

Lab File: VL035199.D

Acq: 16 Jul 2020 18:28

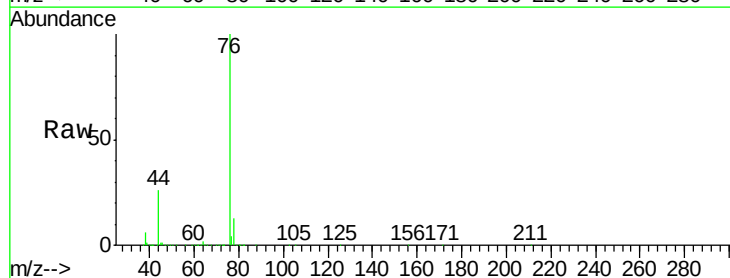
Tgt Ion: 76 Resp: 7060622

Ion Ratio Lower Upper

76 100

44 23.1 14.9 22.3#

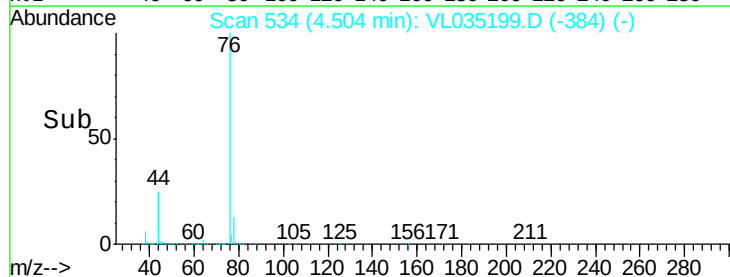
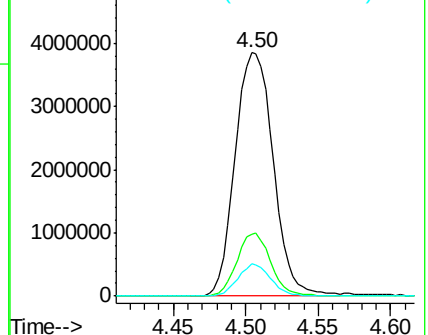
78 11.4 7.5 11.3#

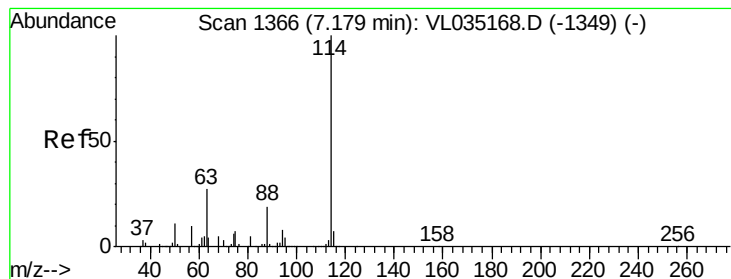


Abundance Ion 76.00 (75.70 to 76.70): VL0

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: VL035199.D

Acq: 16 Jul 2020 18:28

Instrument :

MSVOA_L

ClientSampleId :

PERM-02DL

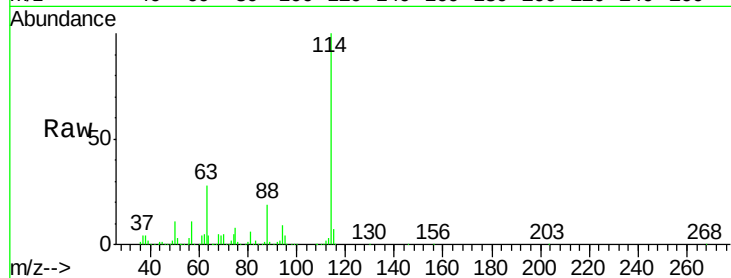
Tot Ion:114 Resp: 2552656

Ion Ratio Lower Upper

114 100

63 27.8 22.0 33.0

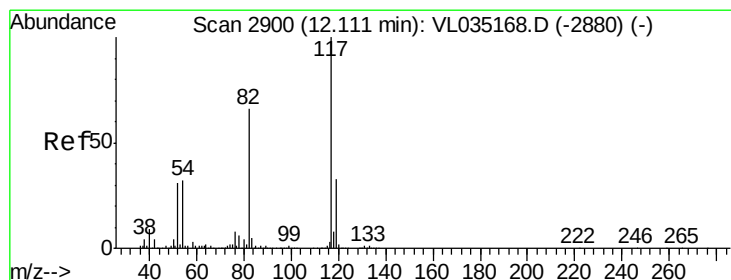
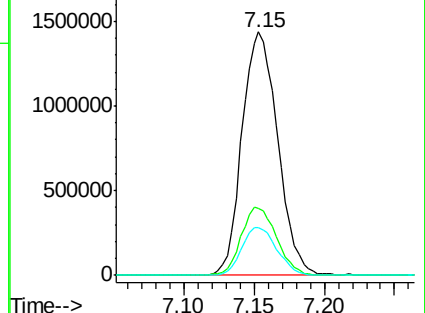
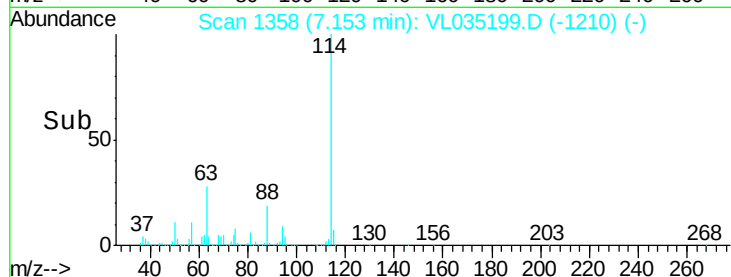
88 19.5 15.4 23.0



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: 12.09 min Scan# 2893

Delta R.T. -0.02 min

Lab File: VL035199.D

Acq: 16 Jul 2020 18:28

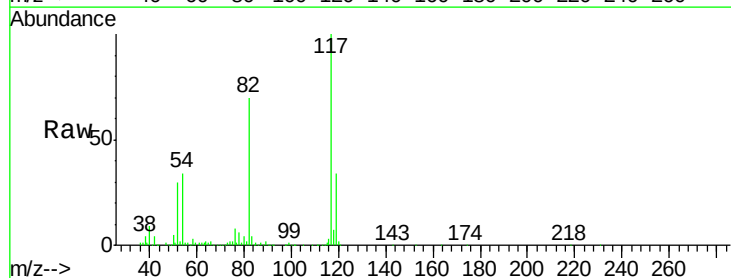
Tgt Ion:117 Resp: 2387635

Ion Ratio Lower Upper

117 100

82 68.7 52.3 78.5

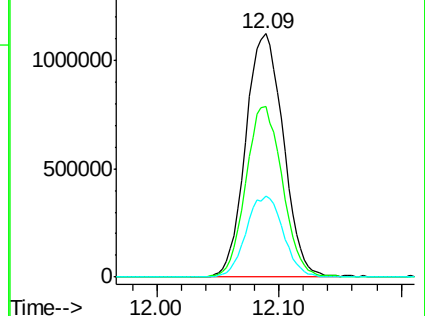
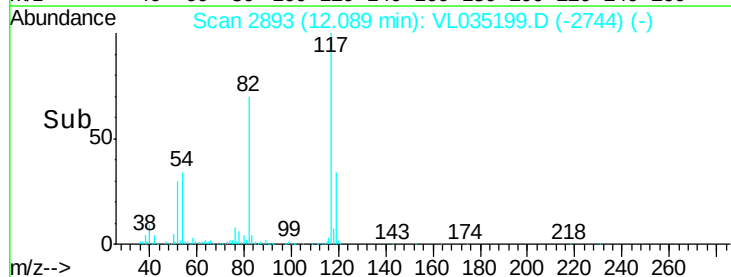
119 33.1 24.9 37.3

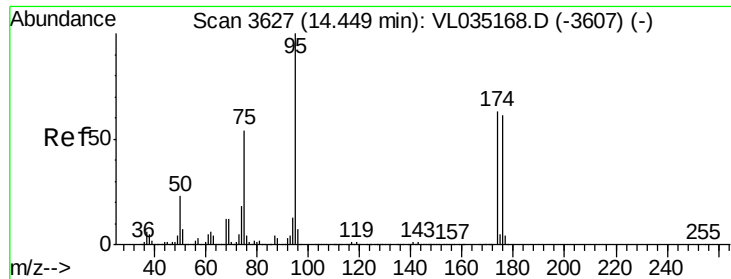


Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.143 ppbv
 RT: 14.43 min Scan# 3620
 Delta R.T. -0.02 min
 Lab File: VL035199.D
 Acq: 16 Jul 2020 18:28

Instrument :
 MSVOA_L
 ClientSampleId :
 PERM-02DL

Tot Ion: 95 Resp: 1967397
 Ion Ratio Lower Upper
 95 100
 174 65.1 52.2 78.2
 175 4.8 4.0 6.0

