

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL091420\
 Data File : VL035597.D
 Acq On : 14 Sep 2020 13:26
 Operator : SY/AP
 Sample : VL0914ABL01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0914ABL01

Quant Time: Sep 15 06:51:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL082720AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Sep 14 15:19:50 2020
 QLast Update : Mon Sep 14 15:19:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1022952	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	4103044	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	4166464	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	3133040	10.59	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.90%

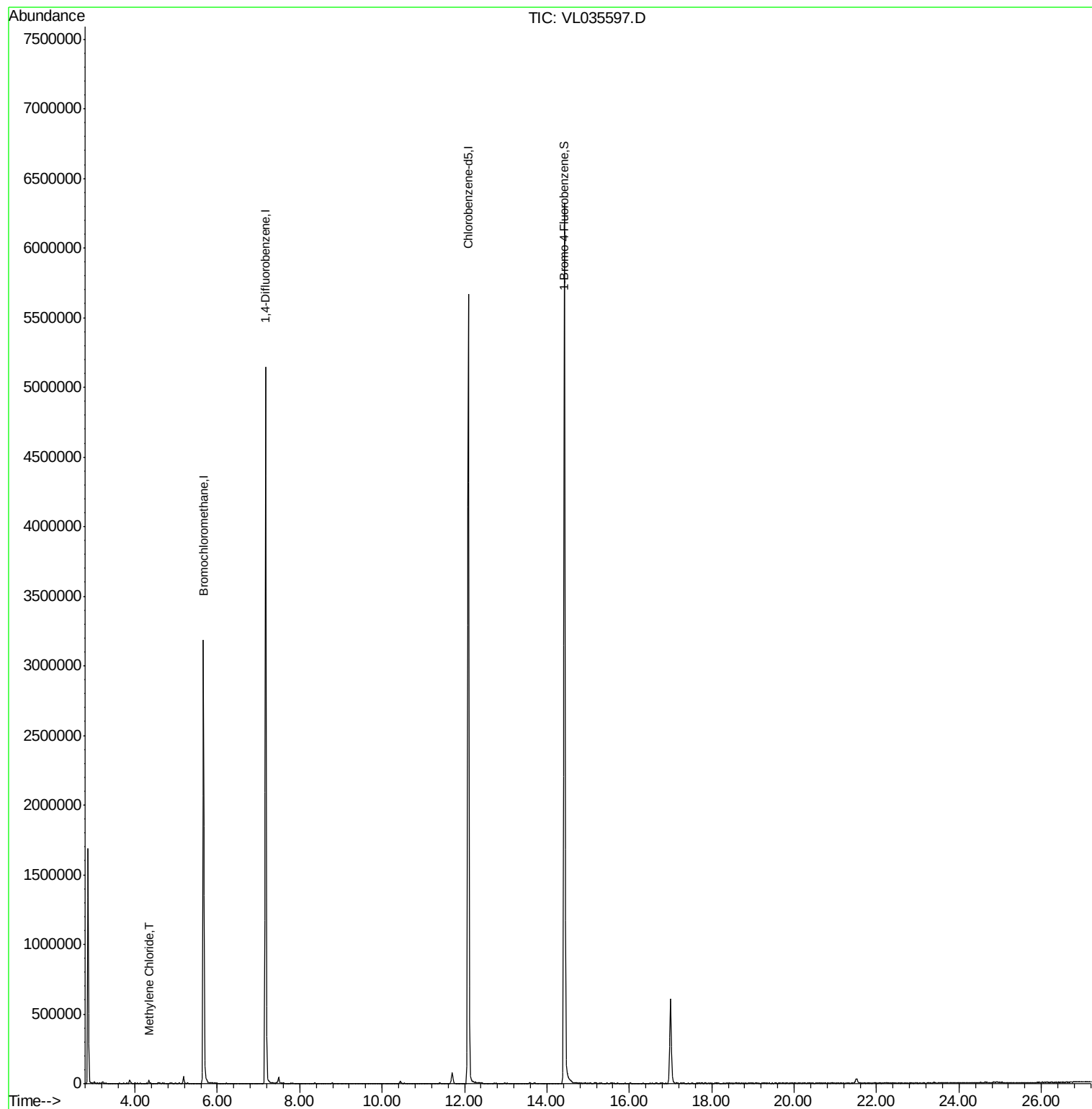
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
20) Methylene Chloride	4.34	84	9995	0.119	ppbv	# 90

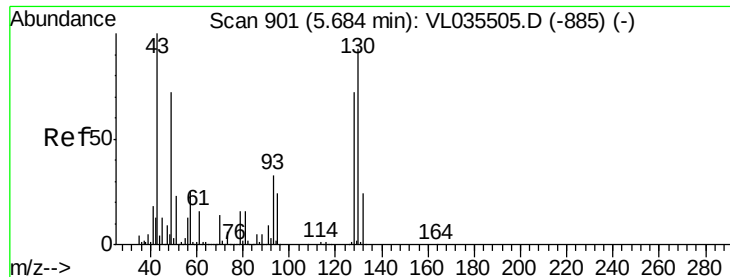
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Sep 14 15:19:50 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 894

Delta R.T. -0.00 min

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ClientSampleId :

VL0914ABL01

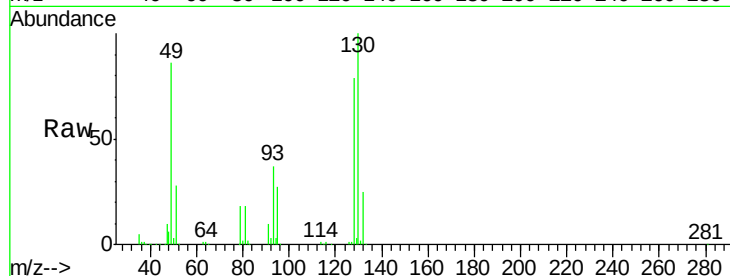
Tot Ion: 49 Resp: 1022952

Ion Ratio Lower Upper

49 100

128 92.4 50.0 150.1

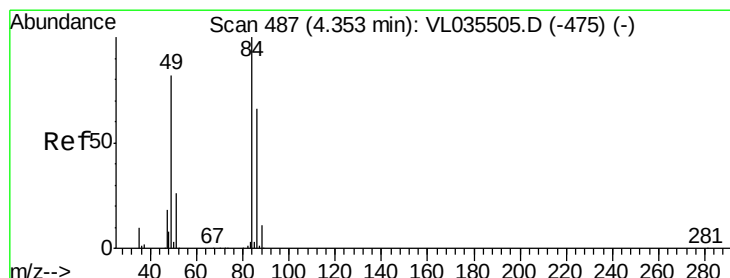
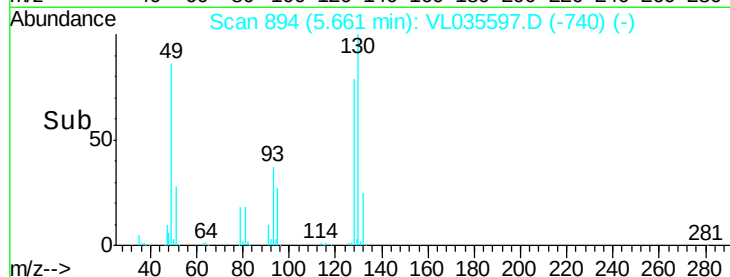
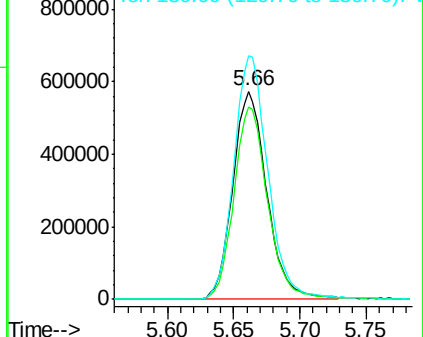
130 118.6 64.4 193.2



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: 0.119 ppbv

RT: 4.34 min Scan# 483

Delta R.T. 0.00 min

Lab File: VL035597.D

Acq: 14 Sep 2020 13:26

Tgt Ion: 84 Resp: 9995

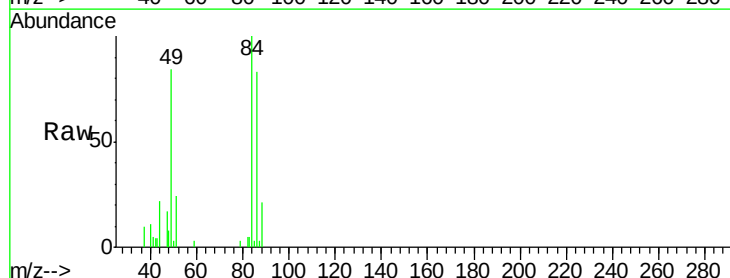
Ion Ratio Lower Upper

84 100

49 84.1 65.4 98.0

51 23.8 21.5 32.3

86 82.9 52.9 79.3#

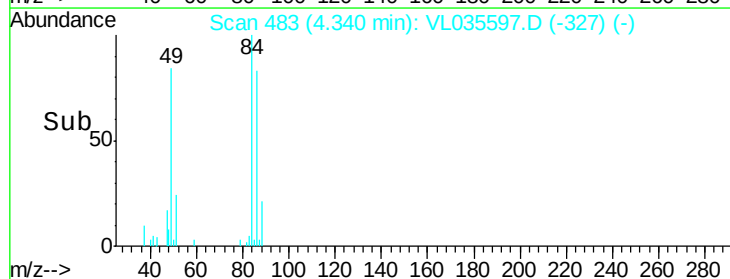
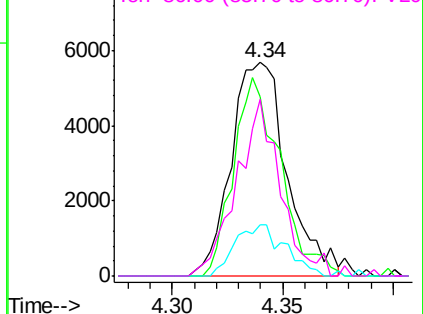


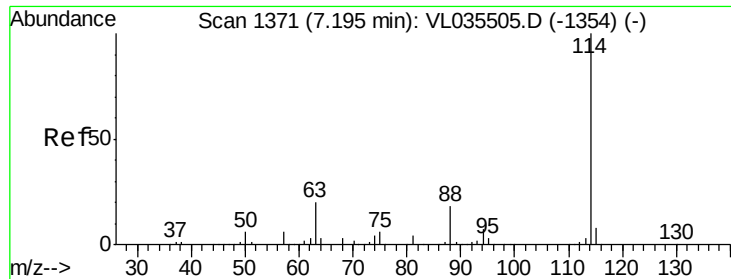
Abundance Ion 84.00 (83.70 to 84.70): VL0

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

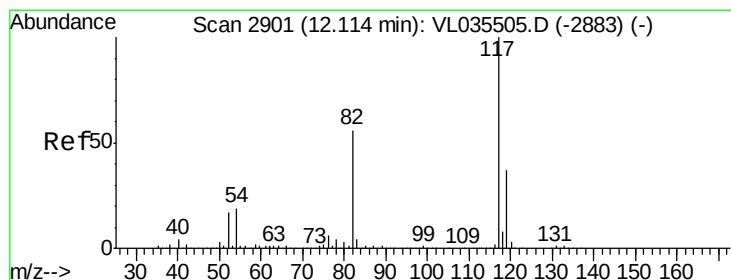
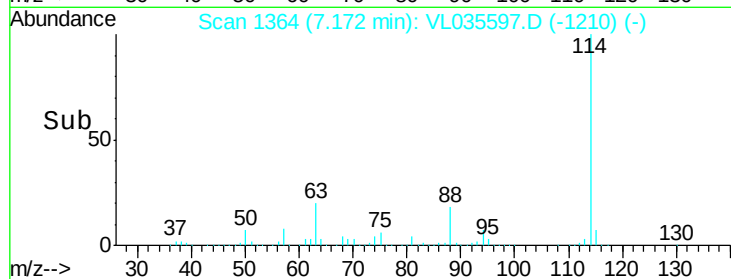
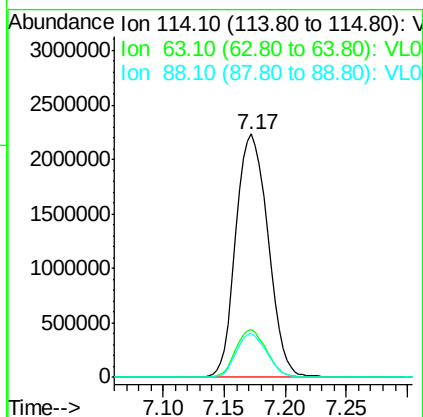
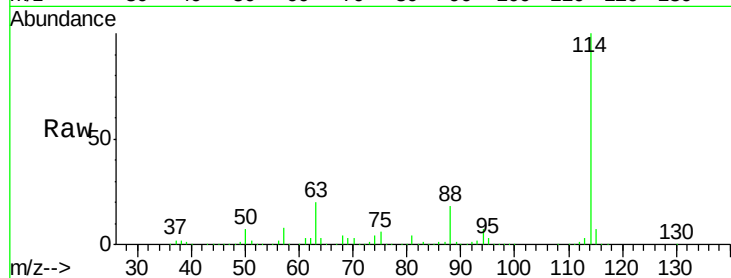




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17 min Scan# 1364
 Delta R.T. -0.00 min
 Lab File: VL035597.D
 Acq: 14 Sep 2020 13:26

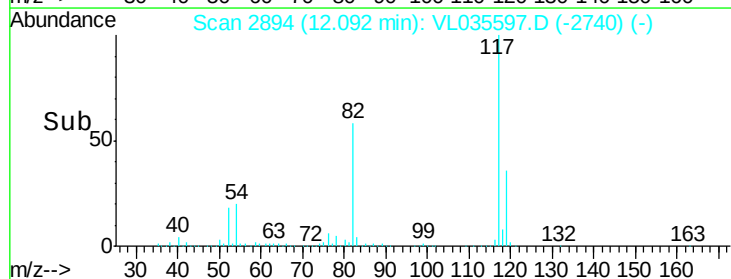
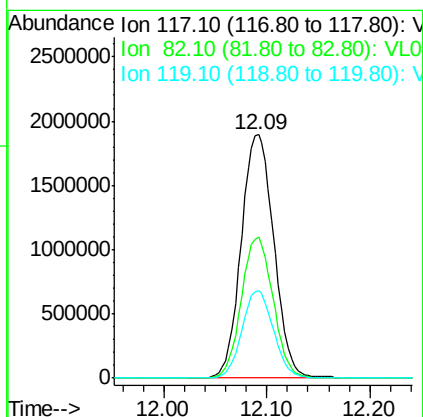
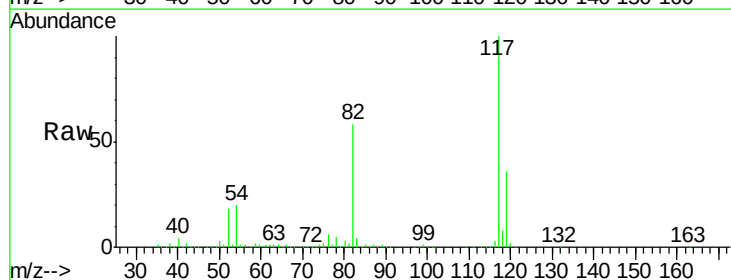
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0914ABL01

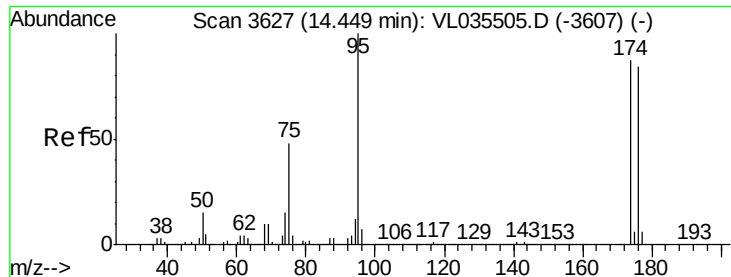
Tot Ion:114 Resp: 4103044
 Ion Ratio Lower Upper
 114 100
 63 18.9 14.7 22.1
 88 17.2 13.4 20.2



#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.09 min Scan# 2894
 Delta R.T. -0.00 min
 Lab File: VL035597.D
 Acq: 14 Sep 2020 13:26

Tgt Ion:117 Resp: 4166464
 Ion Ratio Lower Upper
 117 100
 82 56.7 41.6 62.4
 119 34.7 29.3 43.9





#68

1-Bromo-4-Fluorobenzene

Concen: 10.589 ppbv

RT: 14.42 min Scan# 3619

Delta R.T. -0.01 min

Lab File: VL035597.D

Acq: 14 Sep 2020 13:26

Instrument :

MSVOA_L

ClientSampleId :

VL0914ABL01

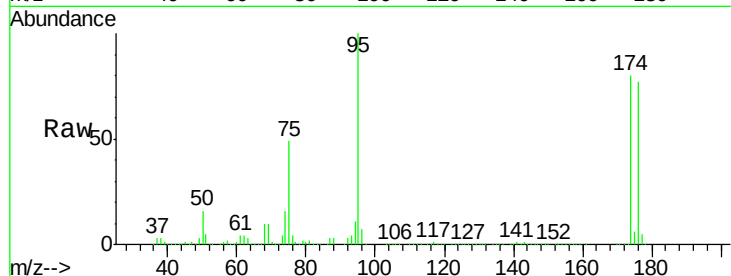
Tot Ion: 95 Resp: 3133040

Ion Ratio Lower Upper

95 100

174 80.4 69.6 104.4

175 5.8 5.1 7.7



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

