

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL092920\
 Data File : VL035725.D
 Acq On : 29 Sep 2020 14:48
 Operator : SY/AP
 Sample : VL0929ABL01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0929ABL01

Quant Time: Sep 30 02:51:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL092320AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Sep 23 07:38:05 2020
 QLast Update : Wed Sep 23 07:38:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	1152741	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	4248824	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.12	117	4292867	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.45	95	3256387	10.12	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.20%

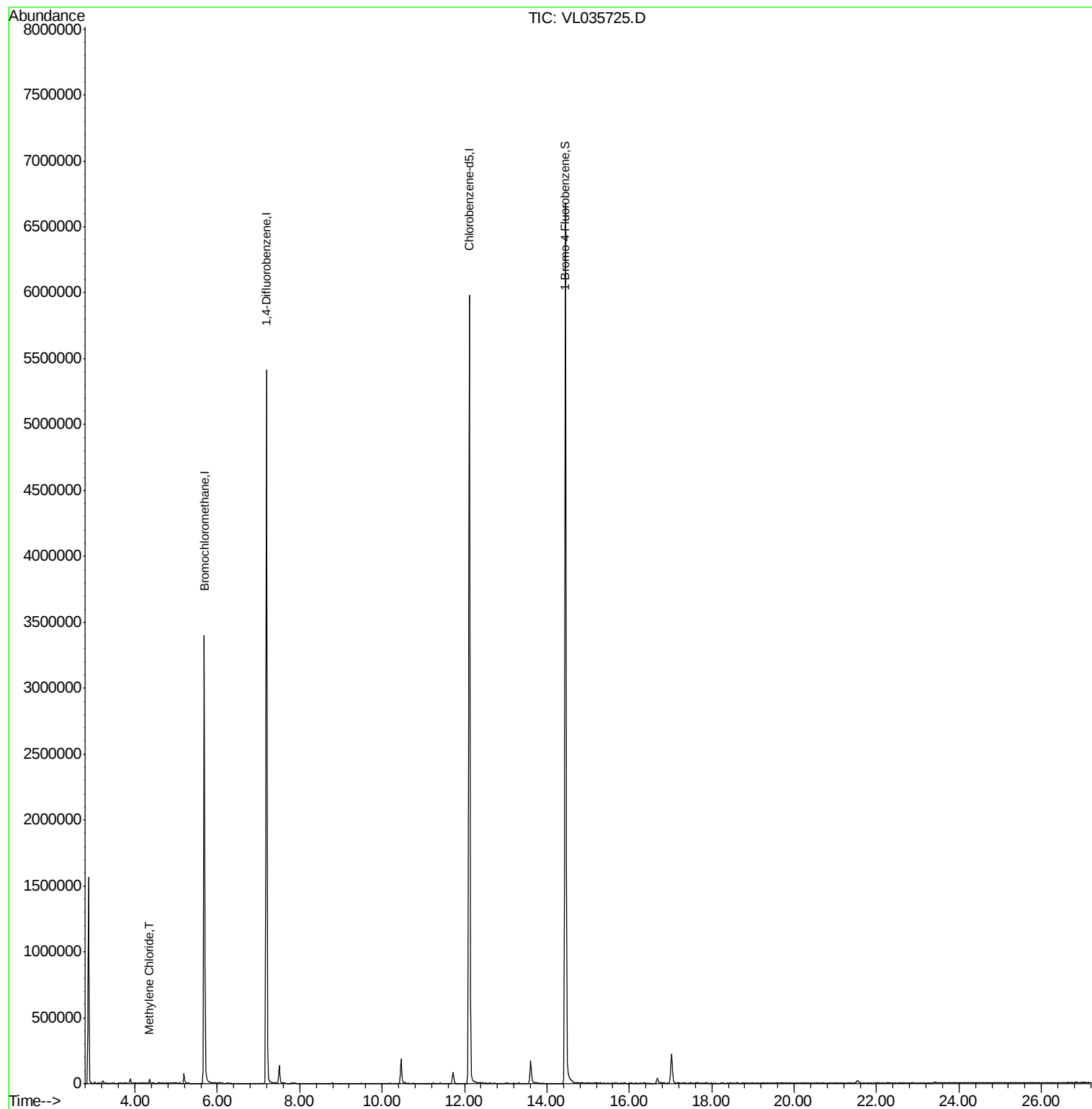
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
20) Methylene Chloride	4.36	84	12883	0.141	ppbv	94

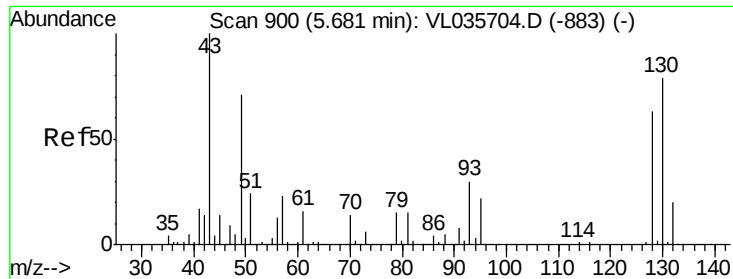
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 min Scan# 900

Delta R.T. 0.00 min

Lab File: VL035725.D

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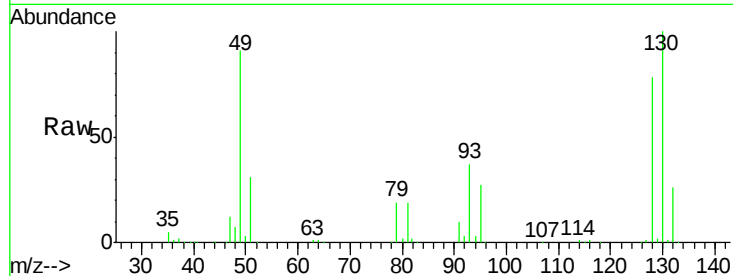
Tot Ion: 49 Resp: 1152741

Ion Ratio Lower Upper

49 100

128 85.4 43.1 129.4

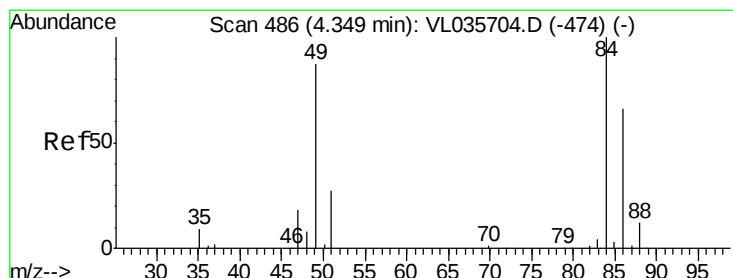
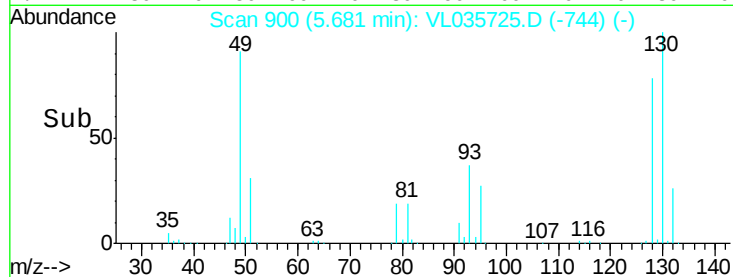
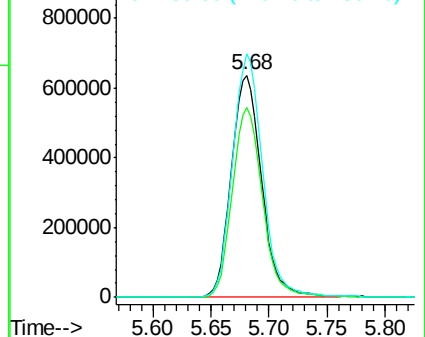
130 109.2 54.9 164.7



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: 0.141 ppbv

RT: 4.36 min Scan# 488

Delta R.T. 0.01 min

Lab File: VL035725.D

Acq: 29 Sep 2020 14:48

Tgt Ion: 84 Resp: 12883

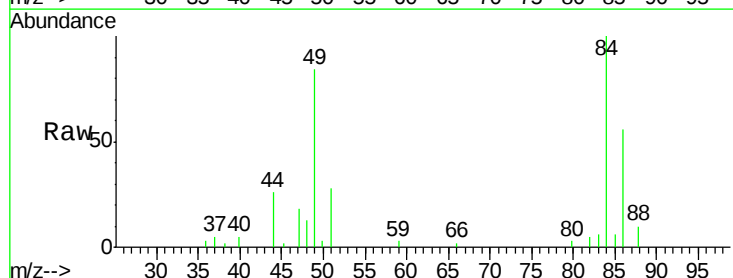
Ion Ratio Lower Upper

84 100

49 84.3 69.8 104.6

51 27.8 21.8 32.8

86 56.0 52.6 78.8

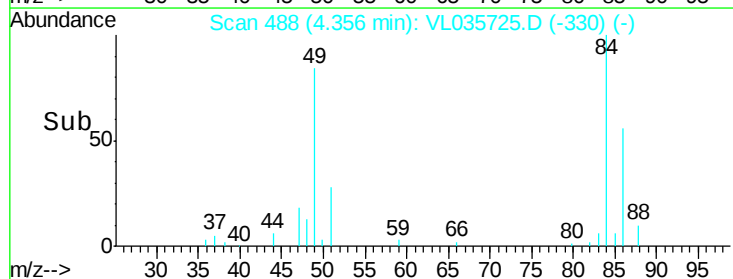
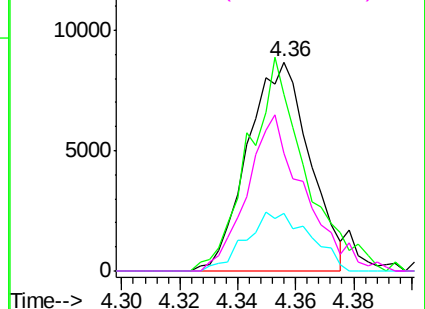


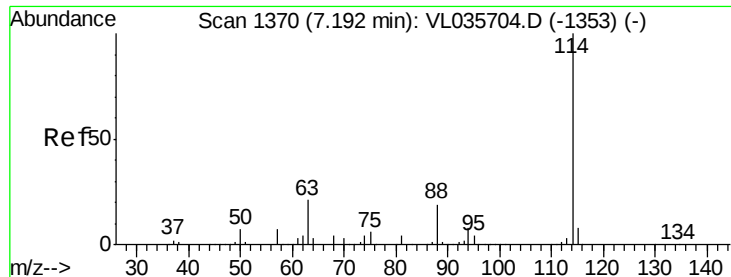
Abundance Ion 84.00 (83.70 to 84.70): VL0

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

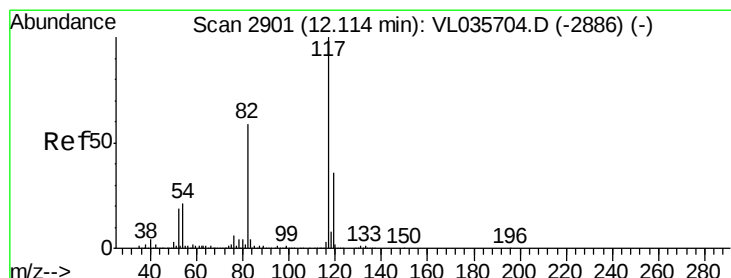
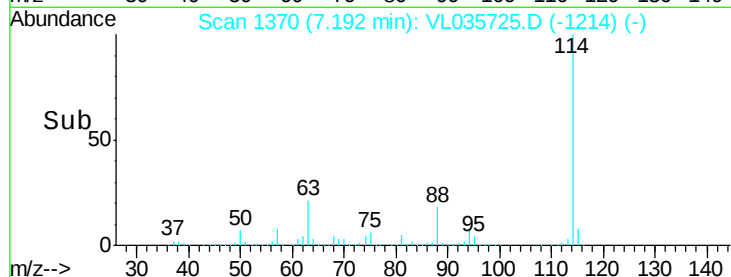
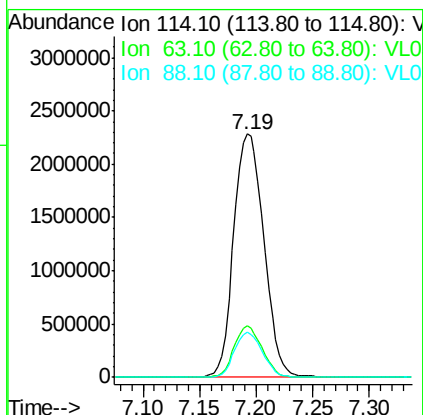
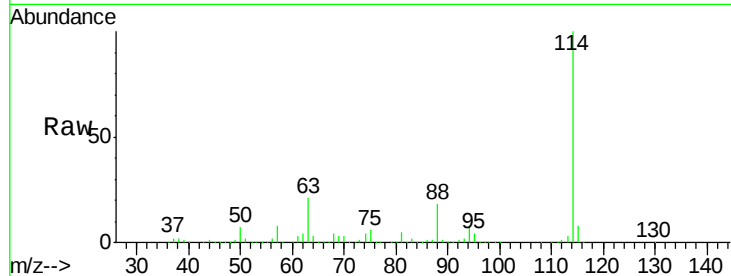




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.19 min Scan# 1370
 Delta R.T. 0.00 min
 Lab File: VL035725.D
 Acq: 29 Sep 2020 14:48

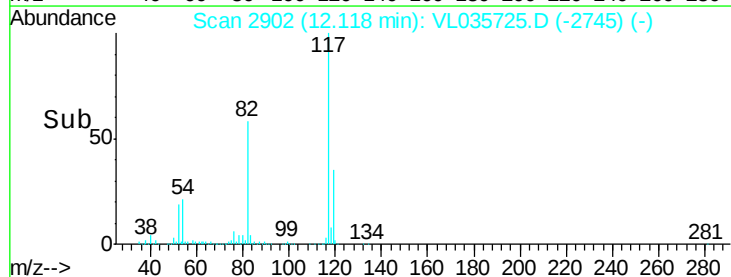
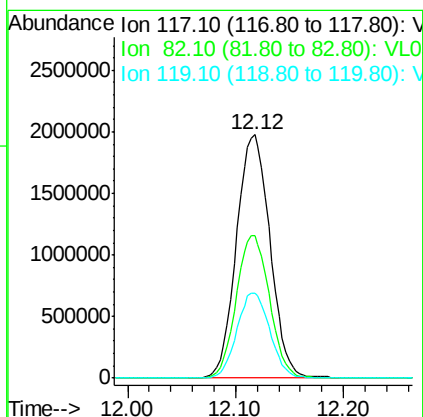
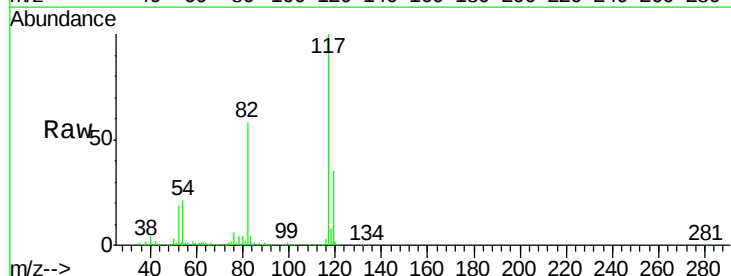
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0929ABL01

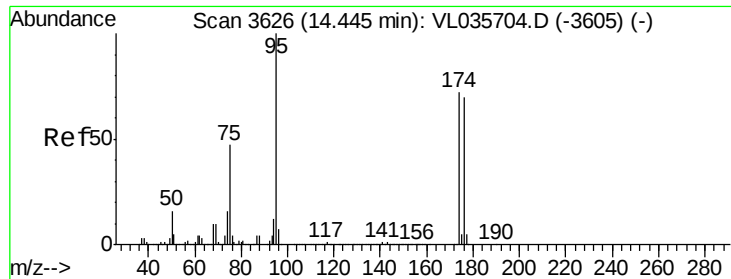
Tot Ion:114 Resp: 4248824
 Ion Ratio Lower Upper
 114 100
 63 19.8 16.1 24.1
 88 17.5 14.1 21.1



#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.12 min Scan# 2902
 Delta R.T. 0.00 min
 Lab File: VL035725.D
 Acq: 29 Sep 2020 14:48

Tgt Ion:117 Resp: 4292867
 Ion Ratio Lower Upper
 117 100
 82 58.5 46.1 69.1
 119 34.6 28.0 42.0





#68

1-Bromo-4-Fluorobenzene

Concen: 10.123 ppbv

RT: 14.45 min Scan# 3627

Delta R.T. 0.00 min

Lab File: VL035725.D

Acq: 29 Sep 2020 14:48

Instrument :

MSVOA_L

ClientSampleId :

VL0929ABL01

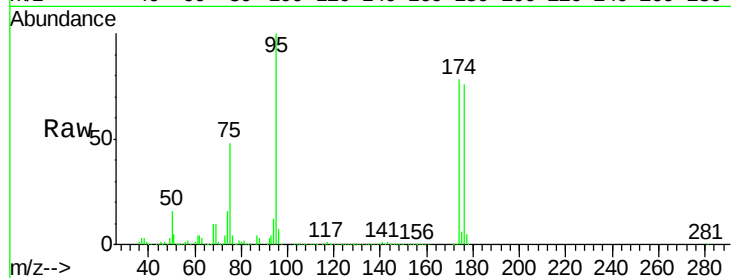
Tot Ion: 95 Resp: 3256387

Ion Ratio Lower Upper

95 100

174 78.8 59.6 89.4

175 5.7 4.2 6.4



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

