

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL091420\
 Data File : VL035608.D
 Acq On : 14 Sep 2020 21:02
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Quant Time: Sep 15 06:42:49 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	1043317	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	4460965	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	4475357	10.00	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	3285112	10.34	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.40%

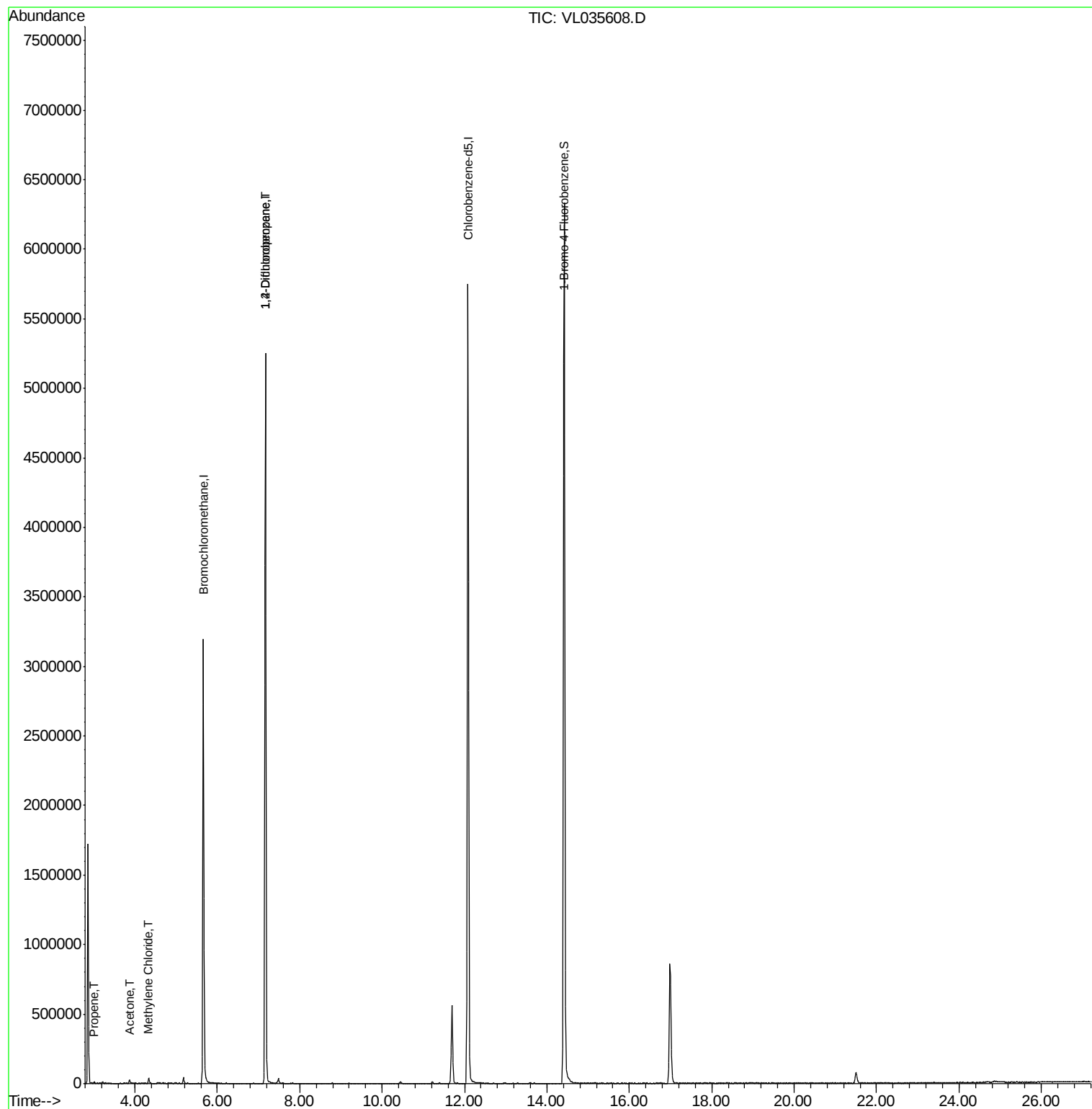
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.01	41	3125	0.070	ppbv	83
15) Acetone	3.86	43	20498	0.178	ppbv #	40
20) Methylene Chloride	4.33	84	14756	0.172	ppbv	98
39) 1,2-Dichloropropane	7.17	63	812245	8.327	ppbv #	32

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL091420\
Data File : VL035608.D
Acq On : 14 Sep 2020 21:02
Operator : SY/AP
Sample : VIBLK
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Quant Time: Sep 15 06:42:49 2020
Quant Method : Z:\V0ASRV\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





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 893

Delta R.T. -0.01 min

Lab File: VL035608.D

Acq: 14 Sep 2020 21:02

Instrument :

MSVOA_L

ClientSampled :

VIBLK

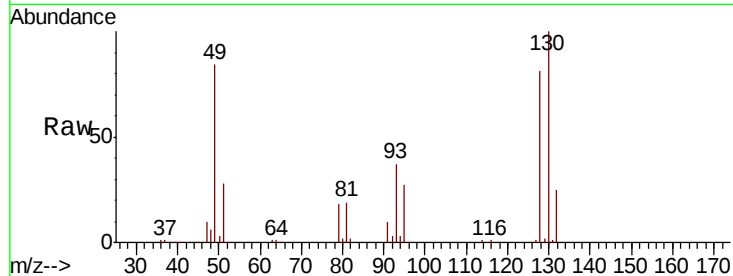
Tot Ion: 49 Resp: 1043317

Ion Ratio Lower Upper

49 100

128 95.2 50.0 150.1

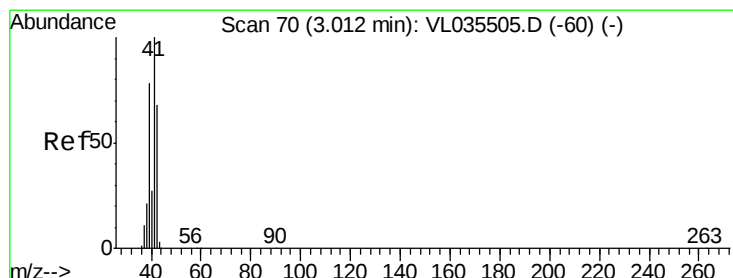
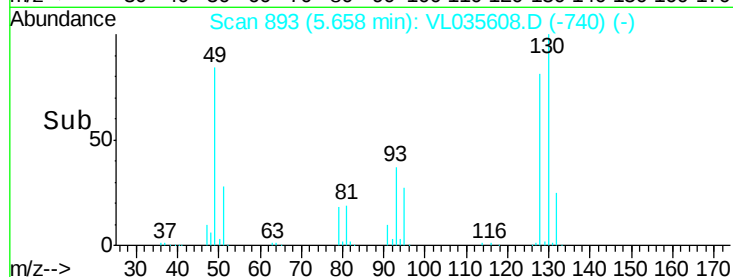
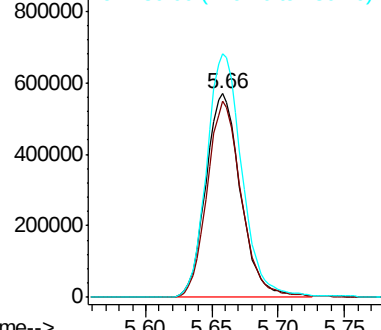
130 122.3 64.4 193.2



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#9

Propene

Concen: 0.070 ppbv

RT: 3.01 min Scan# 70

Delta R.T. 0.02 min

Lab File: VL035608.D

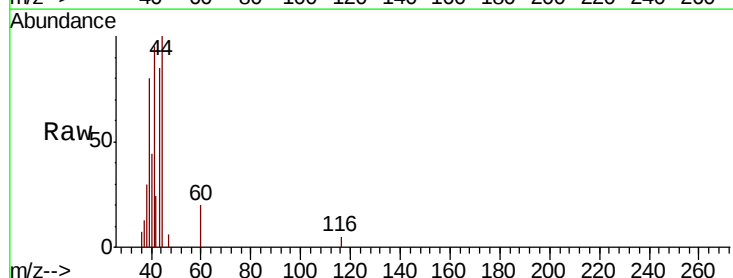
Acq: 14 Sep 2020 21:02

Tgt Ion: 41 Resp: 3125

Ion Ratio Lower Upper

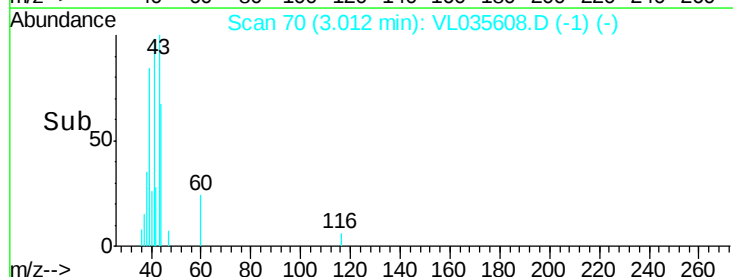
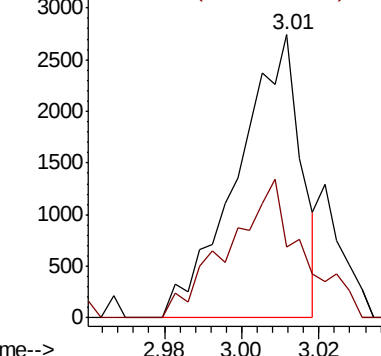
41 100

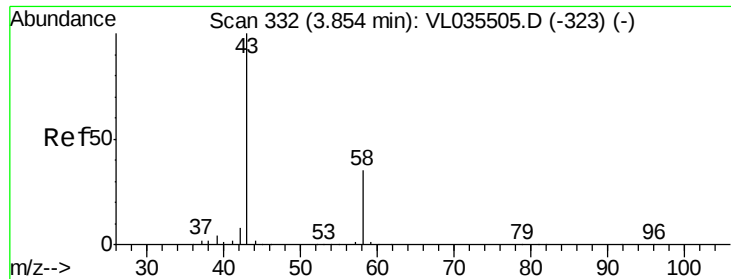
42 56.7 56.3 84.5



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0





#15

Acetone

Concen: 0.178 ppbv

RT: 3.86 min Scan# 335

Delta R.T. 0.03 min

Lab File: VL035608.D

Acq: 14 Sep 2020 21:02

Instrument :

MSVOA_L

ClientSampleId :

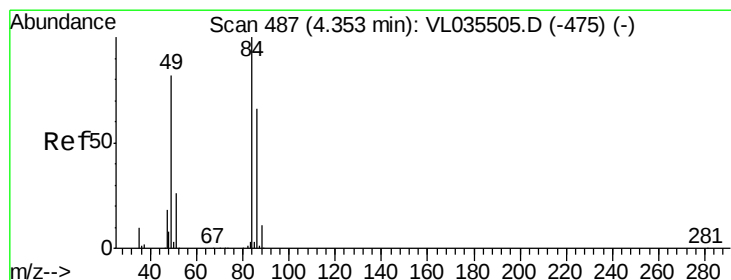
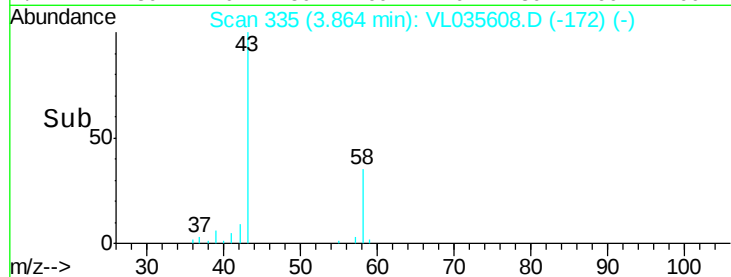
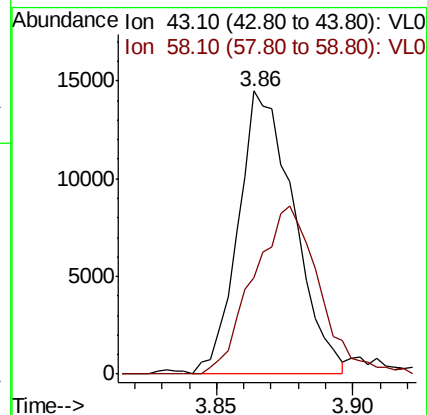
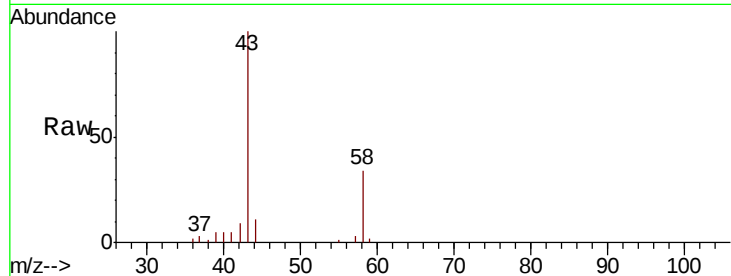
VIBLK

Tot Ion: 43 Resp: 20498

Ion Ratio Lower Upper

43 100

58 70.6 28.4 42.6#



#20

Methylene Chloride

Concen: 0.172 ppbv

RT: 4.33 min Scan# 481

Delta R.T. -0.00 min

Lab File: VL035608.D

Acq: 14 Sep 2020 21:02

Tgt Ion: 84 Resp: 14756

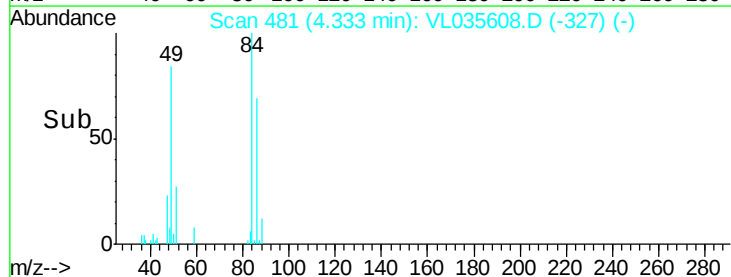
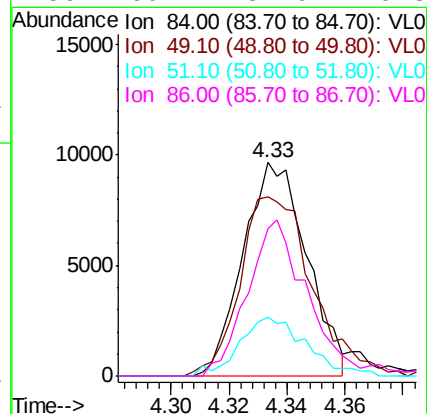
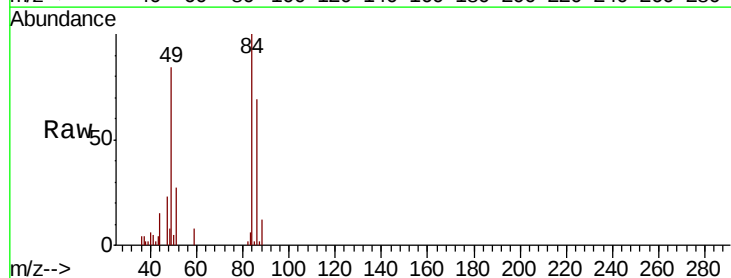
Ion Ratio Lower Upper

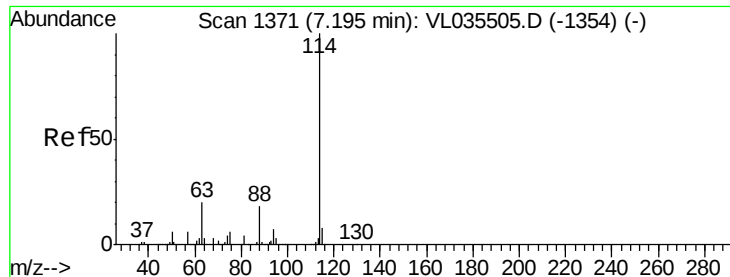
84 100

49 82.0 65.4 98.0

51 27.4 21.5 32.3

86 69.2 52.9 79.3

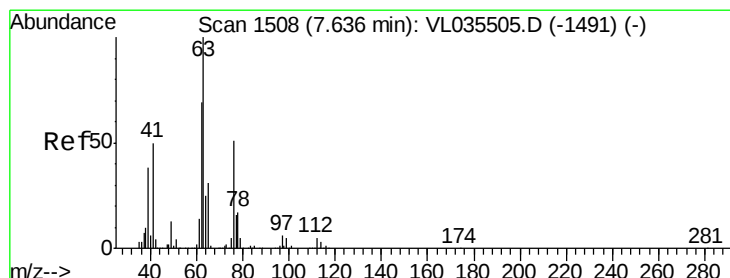
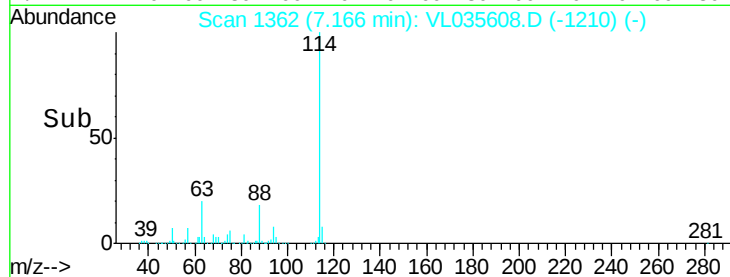
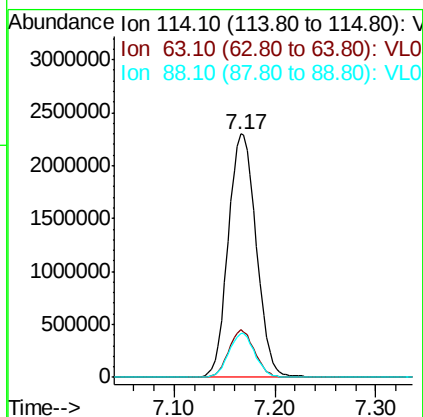
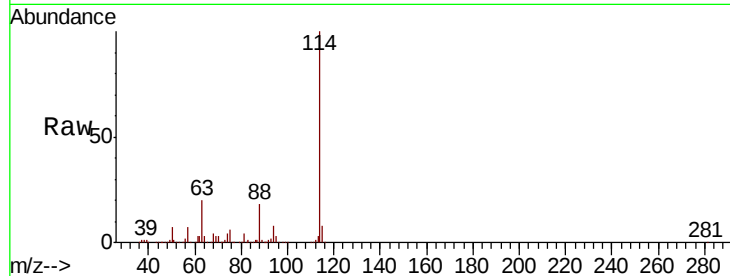




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17 min Scan# 1362
 Delta R.T. -0.01 min
 Lab File: VL035608.D
 Acq: 14 Sep 2020 21:02

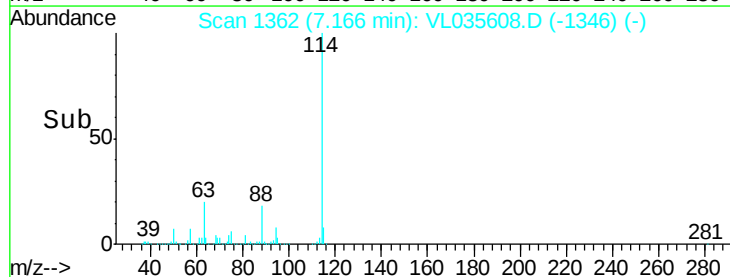
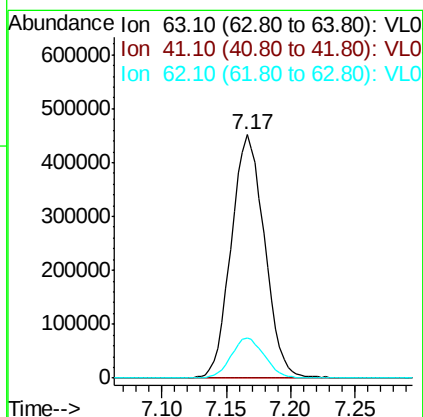
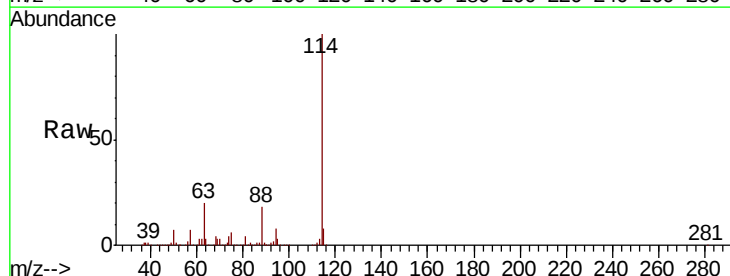
Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

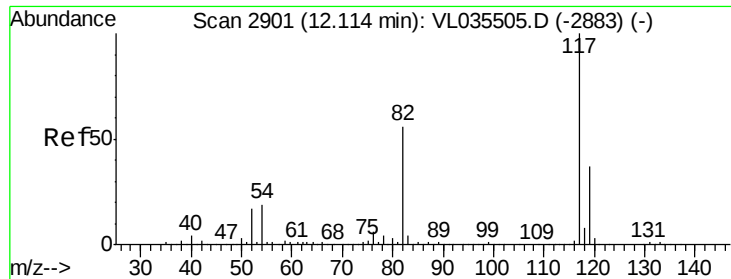
Tot Ion:114 Resp: 4460965
 Ion Ratio Lower Upper
 114 100
 63 18.3 14.7 22.1
 88 17.0 13.4 20.2



#39
 1,2-Dichloropropane
 Concen: 8.327 ppbv
 RT: 7.17 min Scan# 1362
 Delta R.T. -0.45 min
 Lab File: VL035608.D
 Acq: 14 Sep 2020 21:02

Tgt Ion: 63 Resp: 812245
 Ion Ratio Lower Upper
 63 100
 41 0.0 40.0 60.0#
 62 16.7 55.4 83.0#

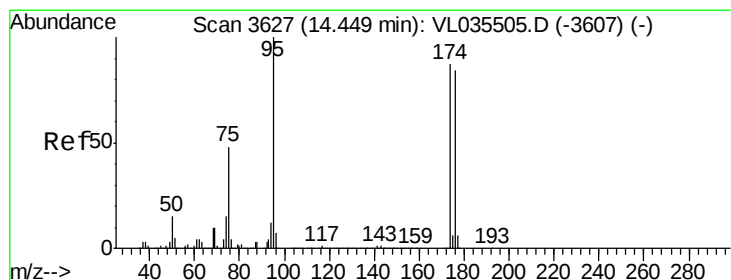
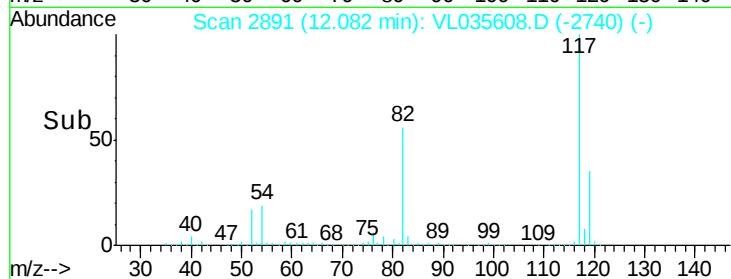
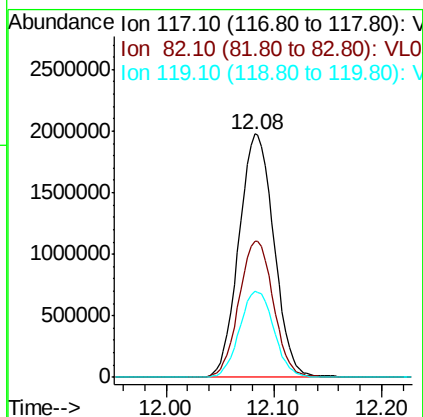
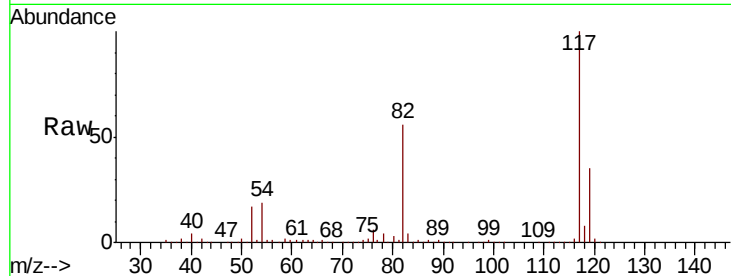




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08 min Scan# 2891
Delta R.T. -0.01 min
Lab File: VL035608.D
Acq: 14 Sep 2020 21:02

Instrument :
MSVOA_L
ClientSampled :
VIBLK

Tot Ion:117 Resp: 4475357
Ion Ratio Lower Upper
117 100
82 55.2 41.6 62.4
119 34.8 29.3 43.9



#68
1-Bromo-4-Fluorobenzene
Concen: 10.336 ppbv
RT: 14.42 min Scan# 3618
Delta R.T. -0.01 min
Lab File: VL035608.D
Acq: 14 Sep 2020 21:02

Tgt Ion: 95 Resp: 3285112
Ion Ratio Lower Upper
95 100
174 81.5 69.6 104.4
175 5.8 5.1 7.7

