

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL092120\
 Data File : VL035692.D
 Acq On : 21 Sep 2020 19:00
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Quant Time: Sep 22 01:29:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL082720AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 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	5.64	49	1025702	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.15	114	3882203	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.06	117	3814319	10.00	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	2846918	10.51	ppbv	-0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.10%

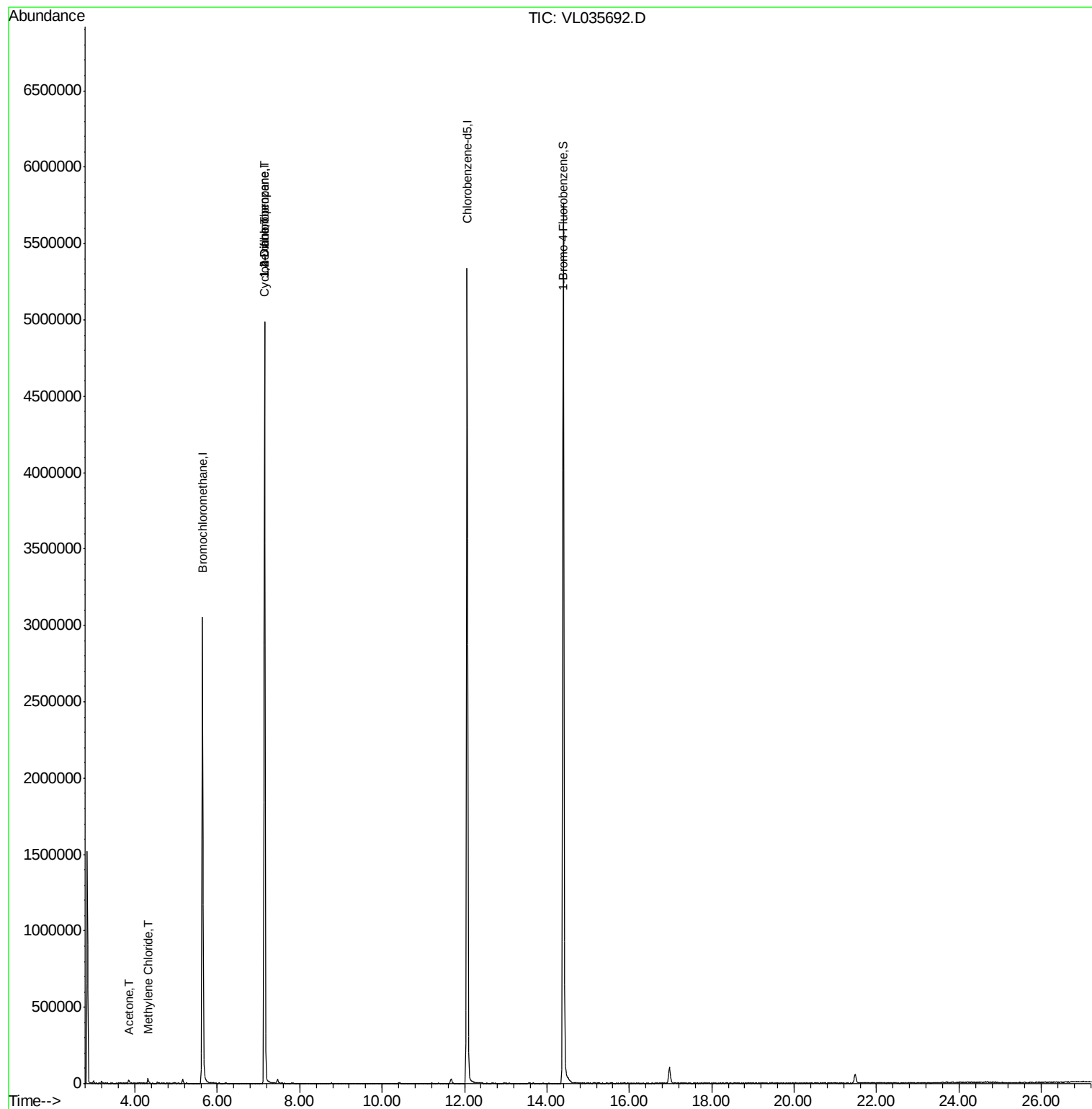
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.84	43	18006	0.159	ppbv #	45
20) Methylene Chloride	4.31	84	13357	0.159	ppbv	97
30) Cyclohexane	7.13	84	14933	0.123	ppbv #	1
39) 1,2-Dichloropropane	7.15	63	751111	8.848	ppbv #	32

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

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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: 5.64 min Scan# 887

Delta R.T. -0.03 min

Lab File: VL035692.D

Acq: 21 Sep 2020 19:00

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

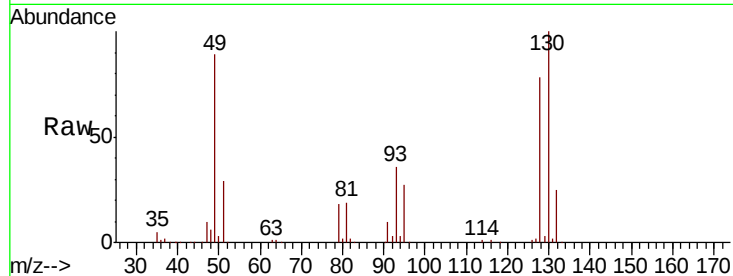
Tot Ion: 49 Resp: 1025702

Ion Ratio Lower Upper

49 100

128 86.4 50.0 150.1

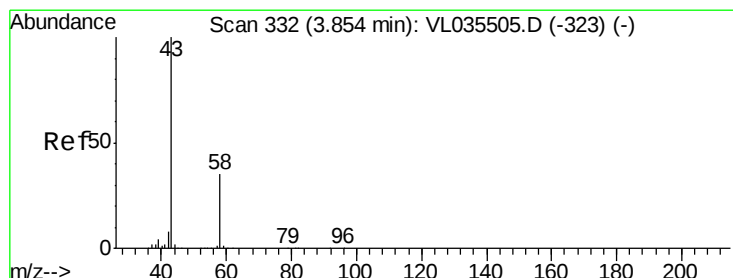
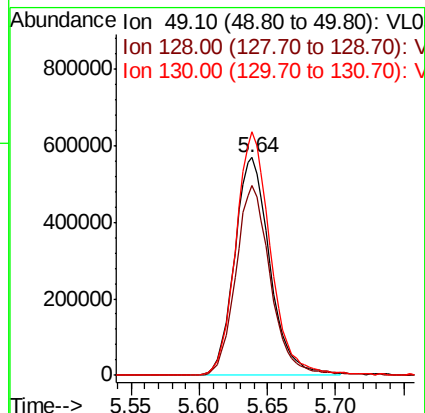
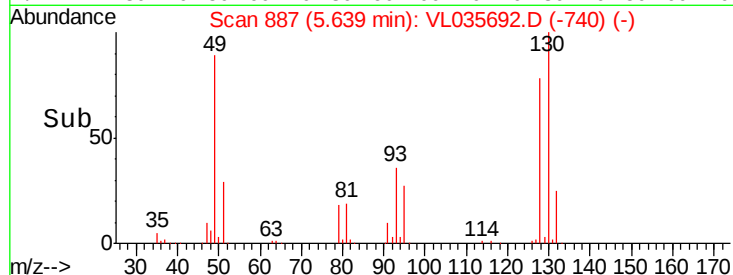
130 110.7 64.4 193.2



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



#15

Acetone

Concen: 0.159 ppbv

RT: 3.84 min Scan# 329

Delta R.T. 0.01 min

Lab File: VL035692.D

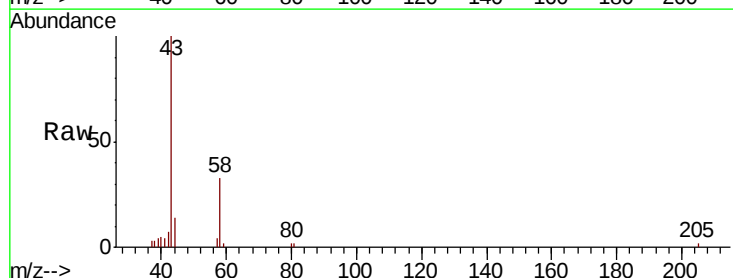
Acq: 21 Sep 2020 19:00

Tgt Ion: 43 Resp: 18006

Ion Ratio Lower Upper

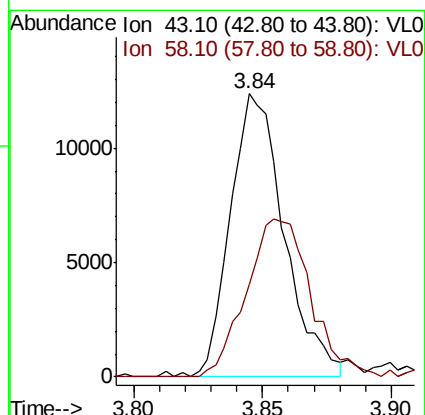
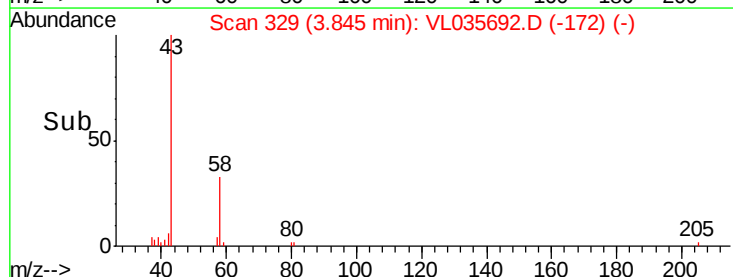
43 100

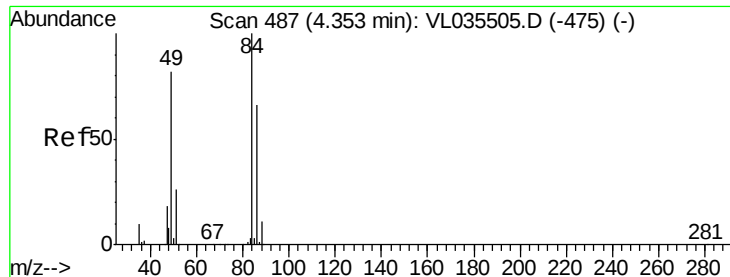
58 67.5 28.4 42.6#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0





#20

Methvlene Chloride

Concen: 0.159 ppbv

RT: 4.31 min Scan# 475

Delta R.T. -0.02 min

Lab File: VL035692.D

Acq: 21 Sep 2020 19:00

Instrument :

MSVOA_L

ClientSampled :

VIBLK

Tot Ion: 84 Resp: 13357

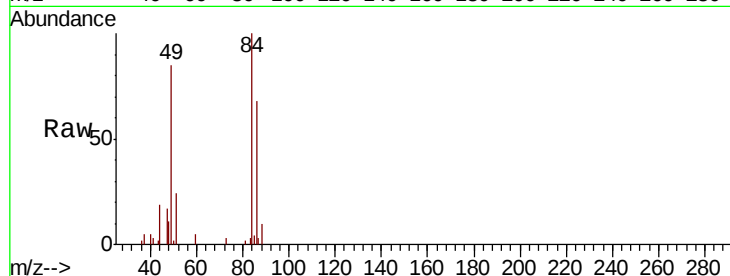
Ion Ratio Lower Upper

84 100

49 85.2 65.4 98.0

51 24.0 21.5 32.3

86 67.6 52.9 79.3

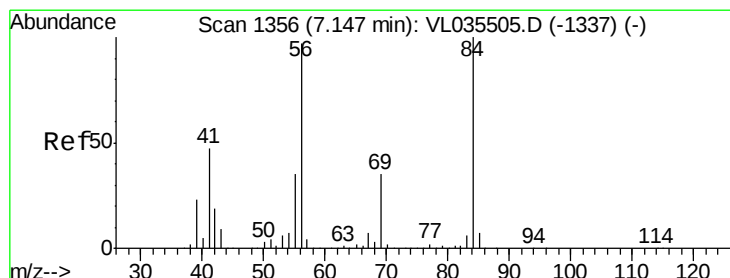
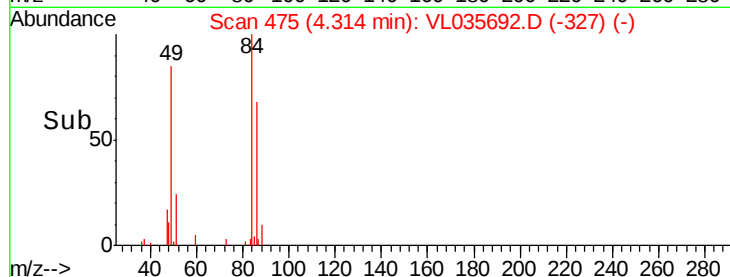
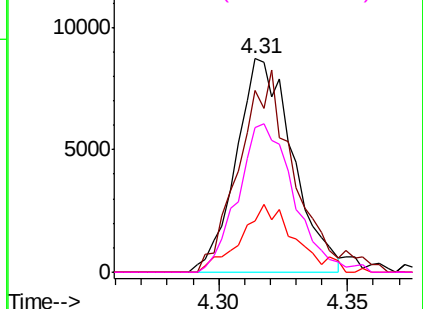


Abundance Ion 84.00 (83.70 to 84.70): VL0

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



#30

Cyclohexane

Concen: 0.123 ppbv

RT: 7.13 min Scan# 1352

Delta R.T. 0.00 min

Lab File: VL035692.D

Acq: 21 Sep 2020 19:00

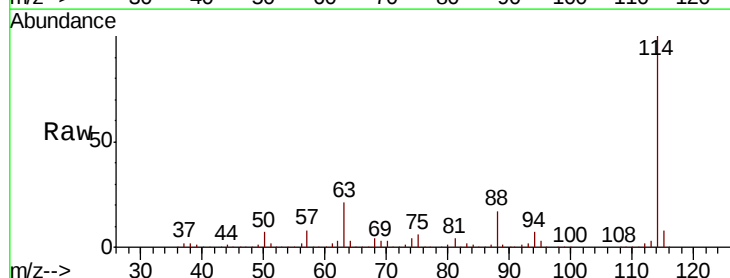
Tgt Ion: 84 Resp: 14933

Ion Ratio Lower Upper

84 100

56 443.5 80.1 120.1#

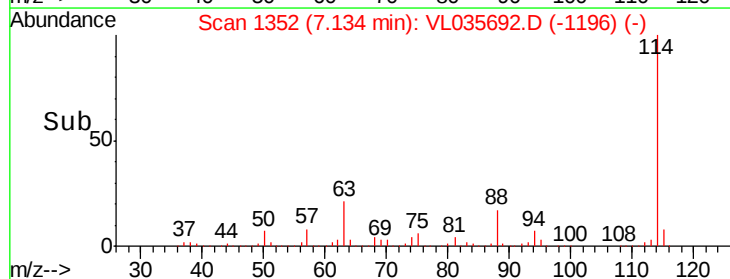
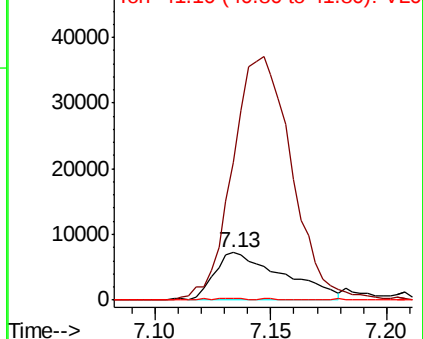
41 2.5 38.1 57.1#

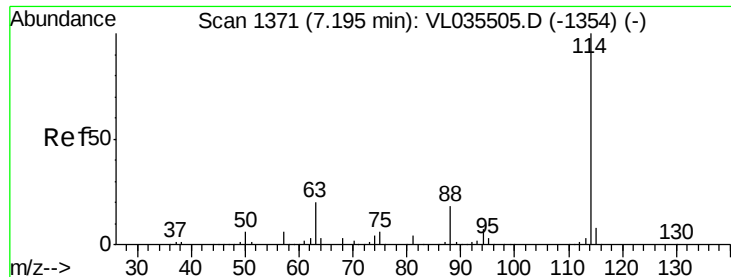


Abundance Ion 84.20 (83.90 to 84.90): VL0

Ion 56.10 (55.80 to 56.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

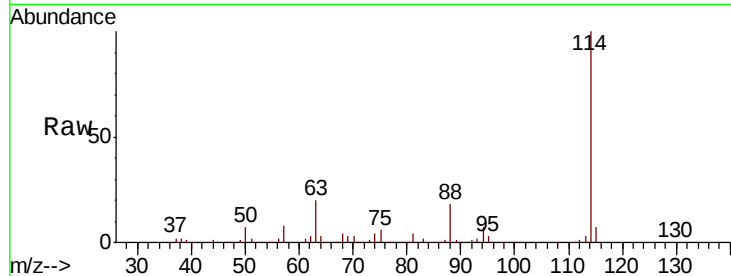




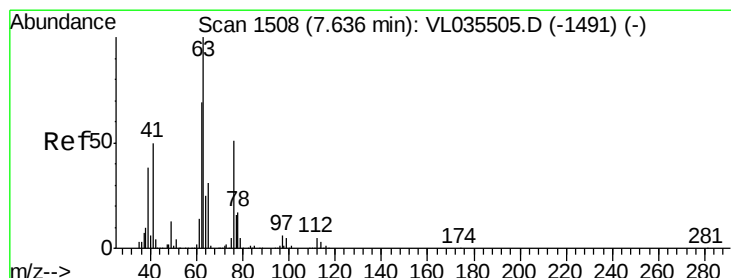
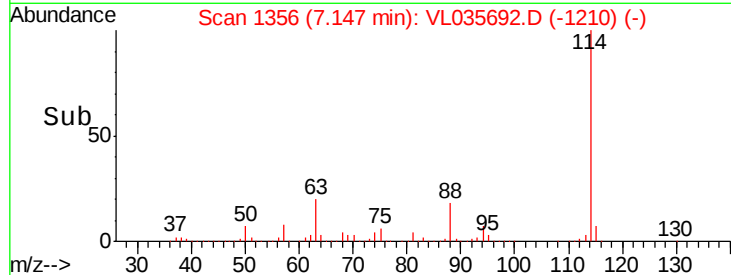
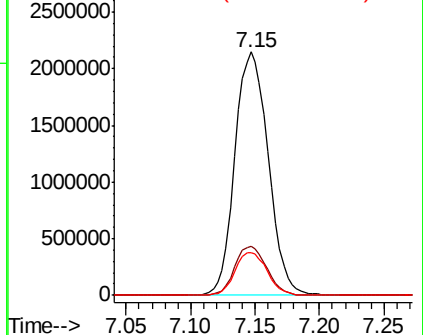
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.15 min Scan# 1356
 Delta R.T. -0.03 min
 Lab File: VL035692.D
 Acq: 21 Sep 2020 19:00

Instrument :
 MSVOA_L
 ClientSampleID :
 VIBLK

Tot Ion:114 Resp: 3882203
 Ion Ratio Lower Upper
 114 100
 63 19.5 14.7 22.1
 88 17.2 13.4 20.2

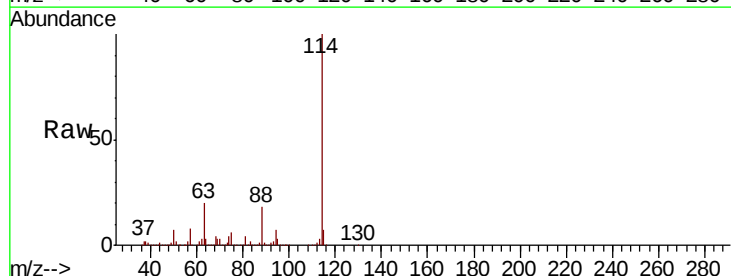


Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

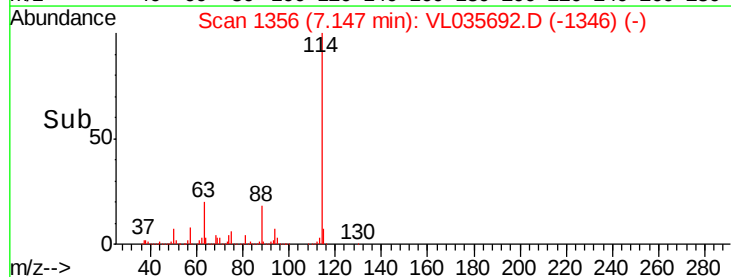
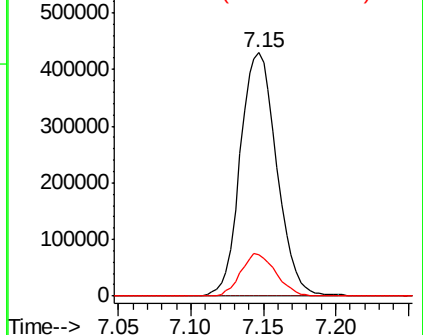


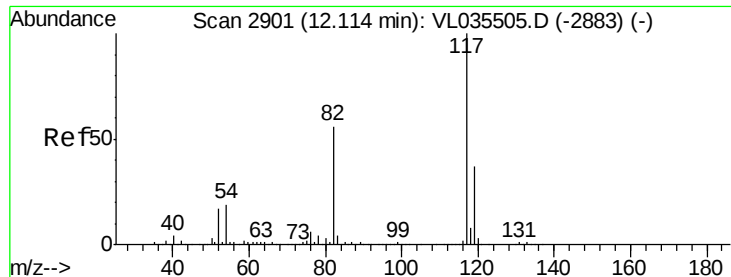
#39
 1,2-Dichloropropane
 Concen: 8.848 ppbv
 RT: 7.15 min Scan# 1356
 Delta R.T. -0.47 min
 Lab File: VL035692.D
 Acq: 21 Sep 2020 19:00

Tgt Ion: 63 Resp: 751111
 Ion Ratio Lower Upper
 63 100
 41 0.1 40.0 60.0#
 62 16.8 55.4 83.0#



Abundance Ion 63.10 (62.80 to 63.80): VL0
 Ion 41.10 (40.80 to 41.80): VL0
 Ion 62.10 (61.80 to 62.80): VL0

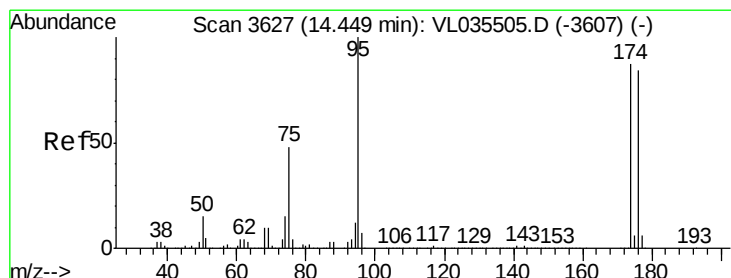
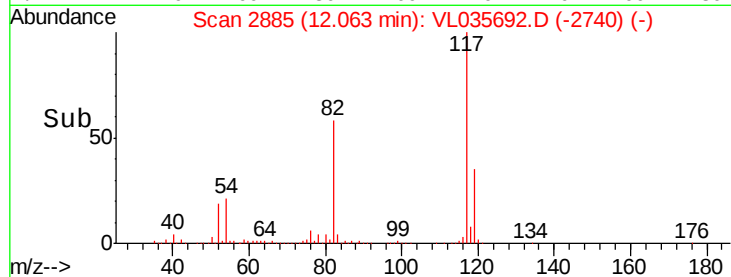
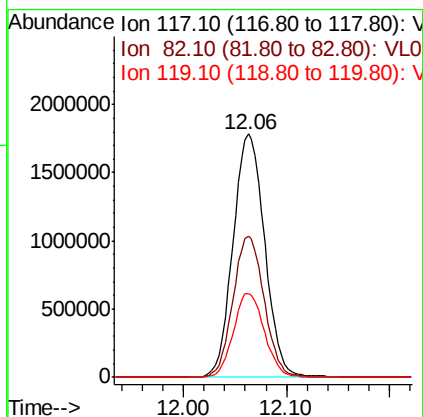
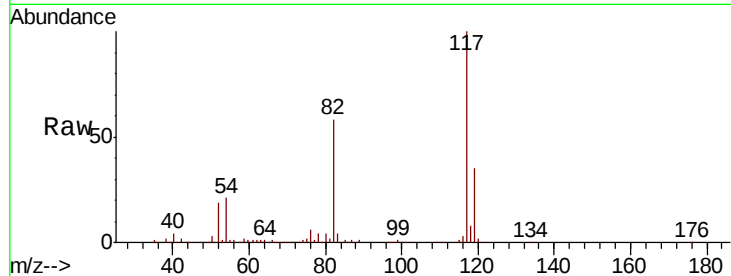




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.06 min Scan# 2885
Delta R.T. -0.03 min
Lab File: VL035692.D
Acq: 21 Sep 2020 19:00

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tot Ion:117 Resp: 3814319
Ion Ratio Lower Upper
117 100
82 57.6 41.6 62.4
119 34.0 29.3 43.9



#68
1-Bromo-4-Fluorobenzene
Concen: 10.510 ppbv
RT: 14.39 min Scan# 3610
Delta R.T. -0.04 min
Lab File: VL035692.D
Acq: 21 Sep 2020 19:00

Tgt Ion: 95 Resp: 2846918
Ion Ratio Lower Upper
95 100
174 78.1 69.6 104.4
175 5.5 5.1 7.7

