

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL070620\
 Data File : VL035161.D
 Acq On : 7 Jul 2020 00:52
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Quant Time: Jul 07 05:06:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL061920AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Sat Jun 20 02:10:36 2020
 QLast Update : Sat Jun 20 02:10:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	897014	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	2163039	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	2027036	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	1771229	10.52	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.20%

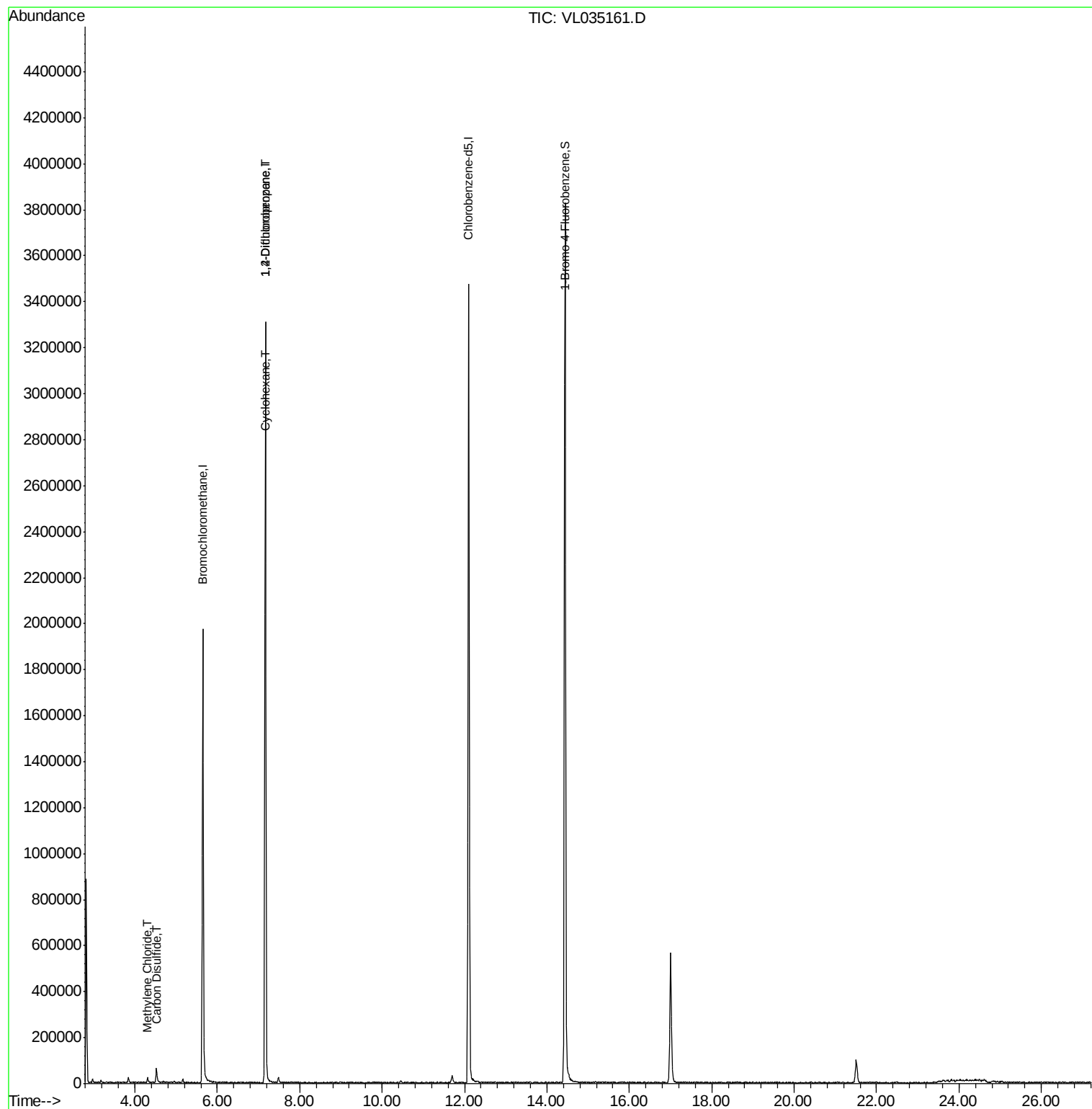
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
20) Methylene Chloride	4.31	84	3068	0.070	ppbv #	45
27) Carbon Disulfide	4.52	76	68700	0.752	ppbv	97
30) Cyclohexane	7.15	84	5662	0.089	ppbv #	1
39) 1,2-Dichloropropane	7.17	63	589189	8.994	ppbv #	24

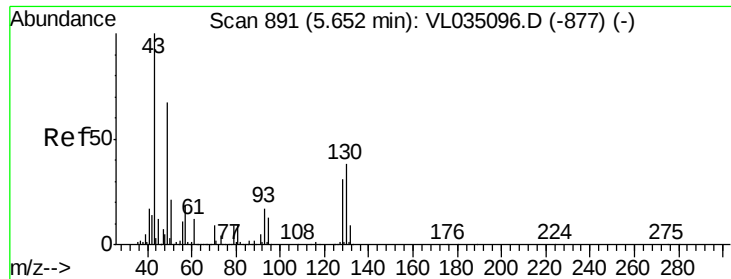
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jun 20 02:10:36 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 889

Delta R.T. -0.01 min

Lab File: VL035161.D

Acq: 7 Jul 2020 00:52

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

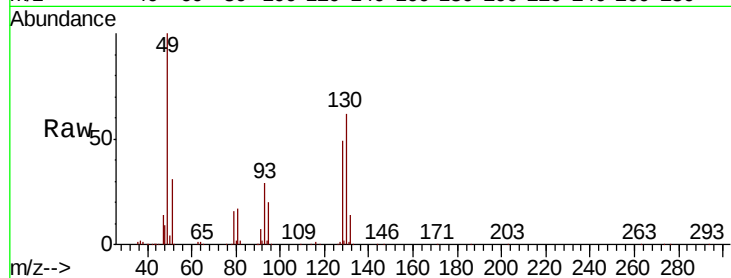
Tot Ion: 49 Resp: 897014

Ion Ratio Lower Upper

49 100

128 48.8 22.9 68.5

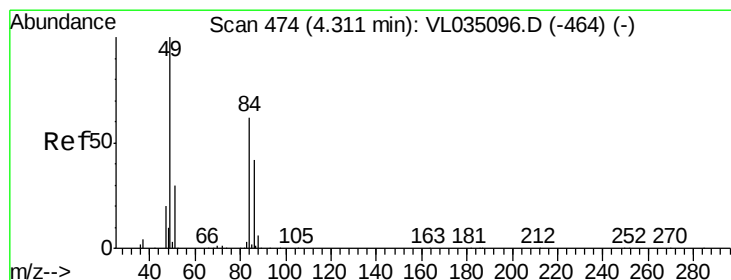
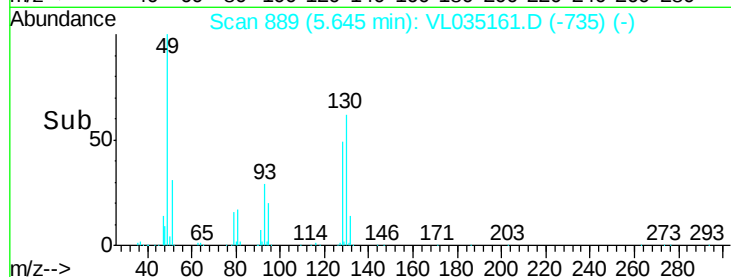
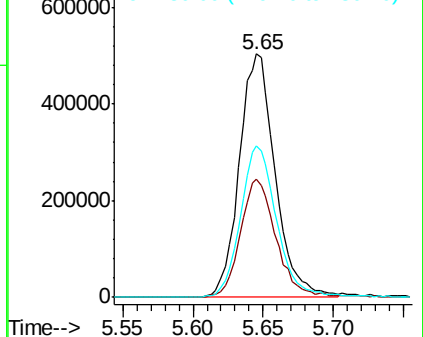
130 63.4 29.0 87.0



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: 0.070 ppbv

RT: 4.31 min Scan# 474

Delta R.T. 0.00 min

Lab File: VL035161.D

Acq: 7 Jul 2020 00:52

Tgt Ion: 84 Resp: 3068

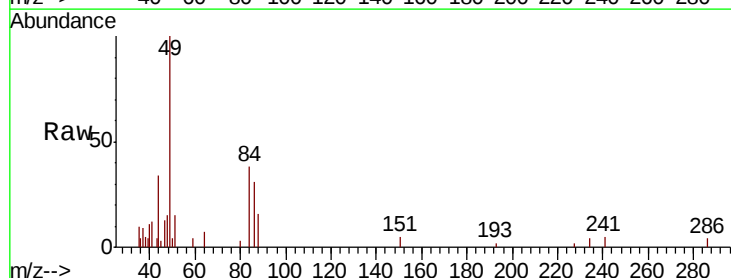
Ion Ratio Lower Upper

84 100

49 282.7 128.8 193.2#

51 43.5 38.7 58.1

86 68.6 54.1 81.1

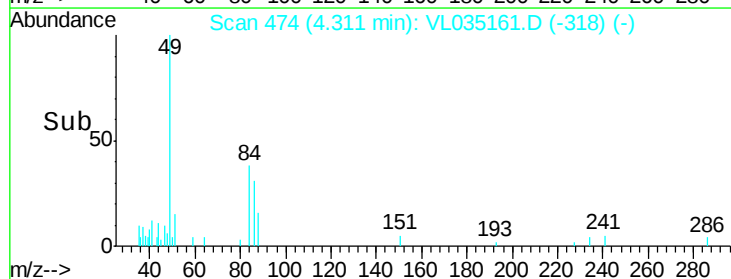
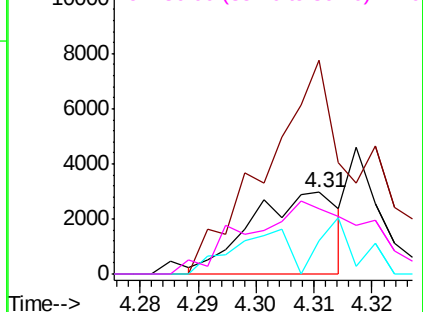


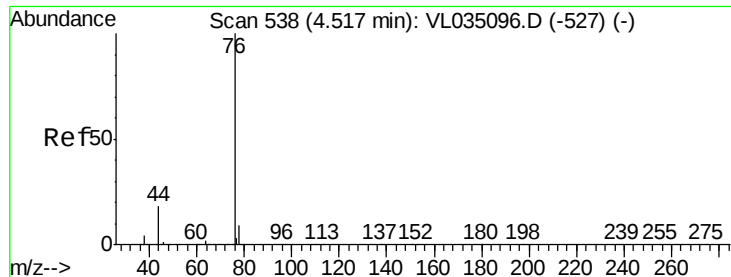
Abundance Ion 84.00 (83.70 to 84.70): VL0

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





#27

Carbon Disulfide

Concen: 0.752 ppbv

RT: 4.52 min Scan# 539

Delta R.T. 0.00 min

Lab File: VL035161.D

Acq: 7 Jul 2020 00:52

Instrument :

MSVOA_L

ClientSampled :

VIBLK

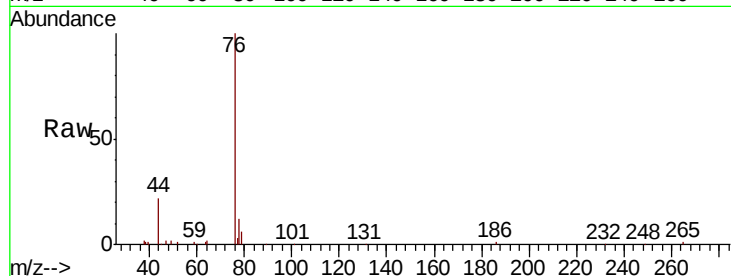
Tot Ion: 76 Resp: 68700

Ion Ratio Lower Upper

76 100

44 21.2 15.8 23.8

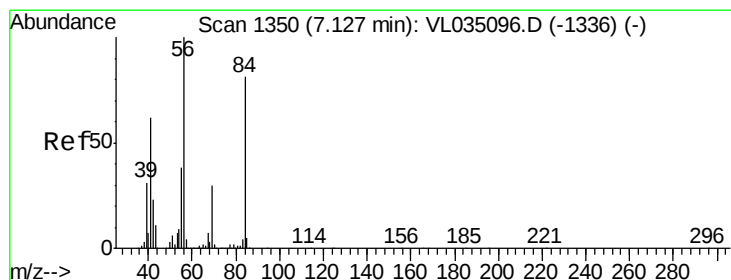
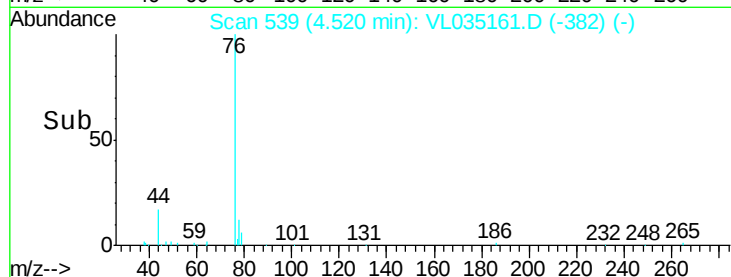
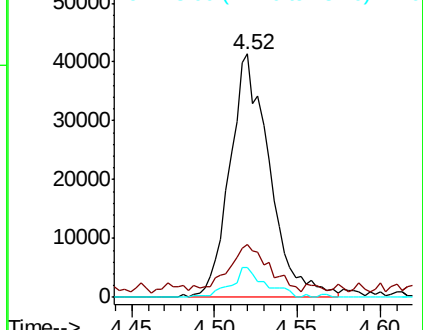
78 10.8 7.6 11.4



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



#30

Cyclohexane

Concen: 0.089 ppbv

RT: 7.15 min Scan# 1356

Delta R.T. 0.02 min

Lab File: VL035161.D

Acq: 7 Jul 2020 00:52

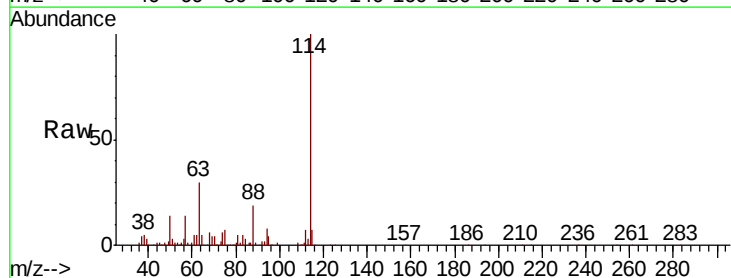
Tgt Ion: 84 Resp: 5662

Ion Ratio Lower Upper

84 100

56 0.0 108.0 162.0#

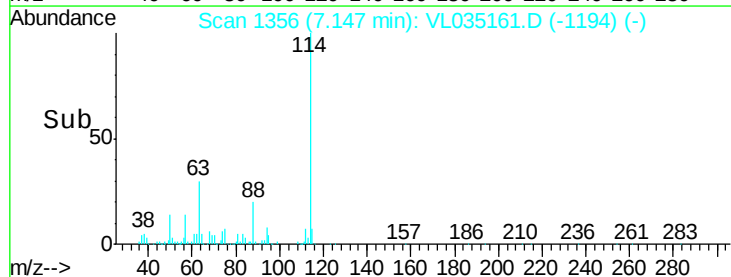
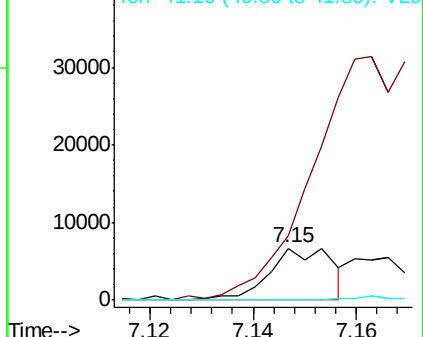
41 0.0 65.6 98.4#

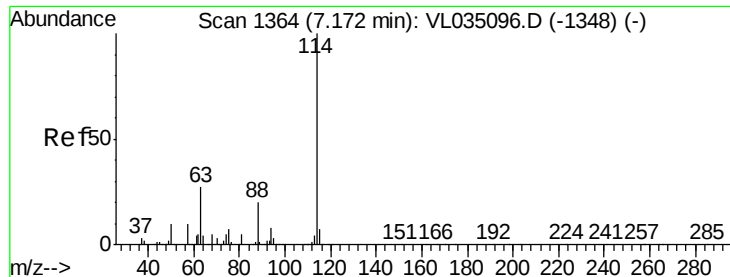


Abundance Ion 84.20 (83.90 to 84.90): VL0

Ion 56.10 (55.80 to 56.80): VL0

Ion 41.10 (40.80 to 41.80): VL0



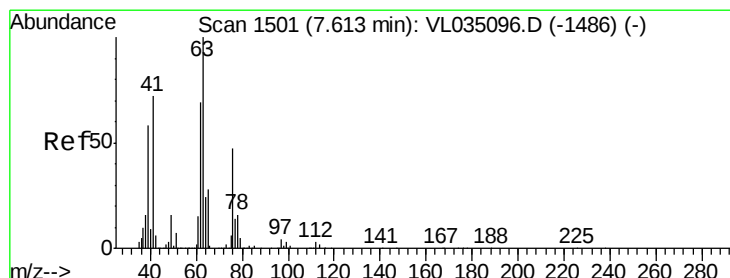
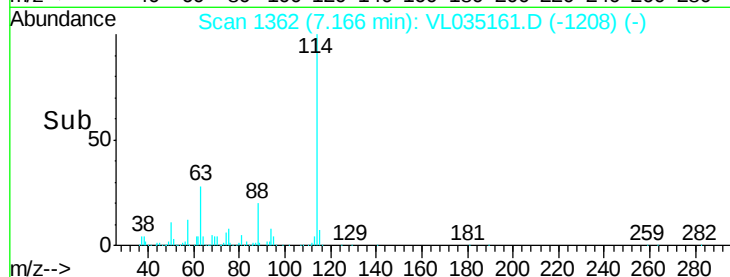
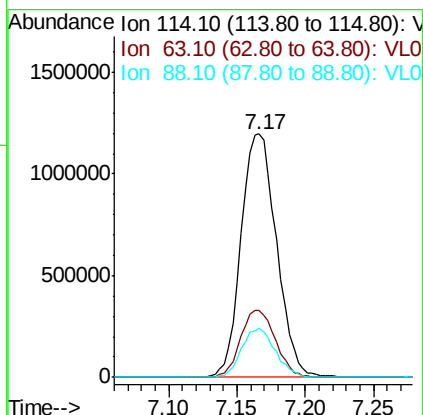
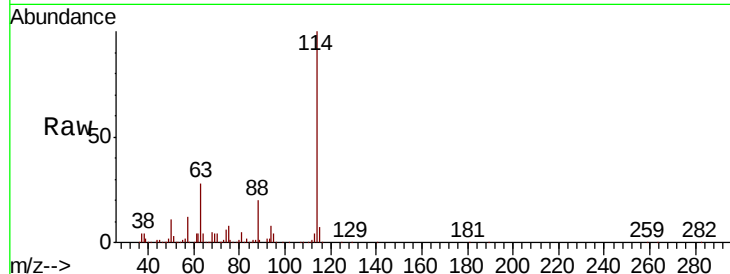


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17 min Scan# 1362
 Delta R.T. -0.01 min
 Lab File: VL035161.D
 Acq: 7 Jul 2020 00:52

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Tot Ion:114 Resp: 2163039

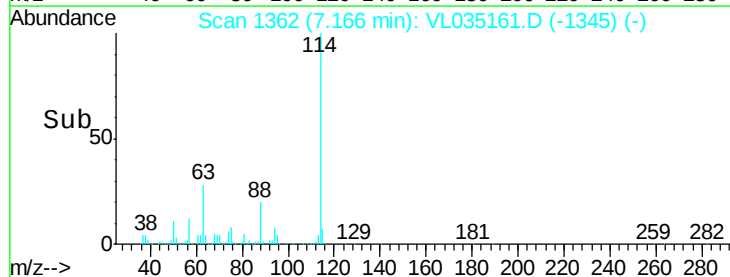
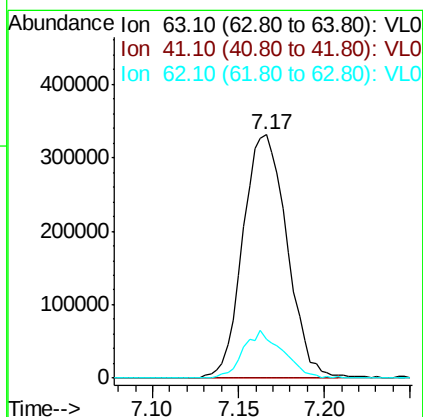
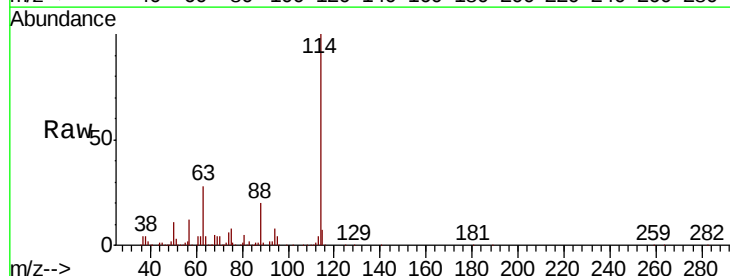
Ion	Ratio	Lower	Upper
114	100		
63	27.5	21.9	32.9
88	19.3	15.6	23.4

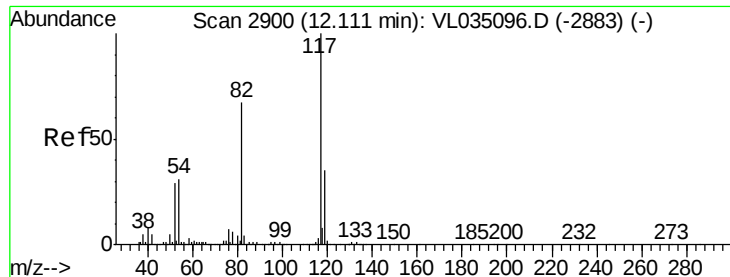


#39
 1,2-Dichloropropane
 Concen: 8.994 ppbv
 RT: 7.17 min Scan# 1362
 Delta R.T. -0.45 min
 Lab File: VL035161.D
 Acq: 7 Jul 2020 00:52

Tgt Ion: 63 Resp: 589189

Ion	Ratio	Lower	Upper
63	100		
41	0.1	58.0	87.0#
62	15.9	55.4	83.0#

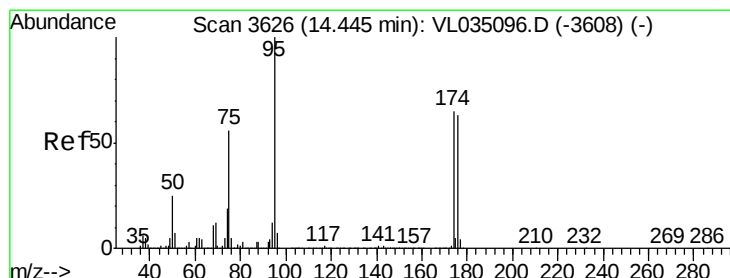
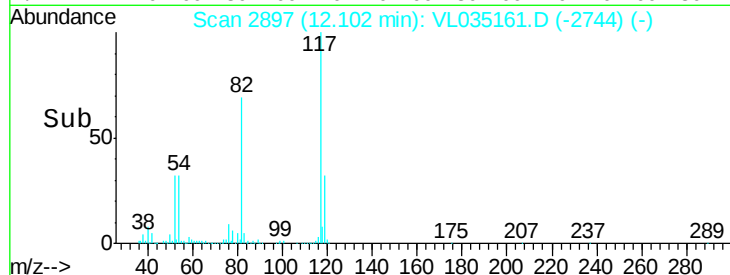
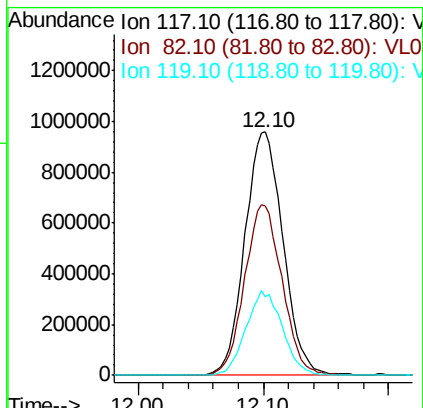
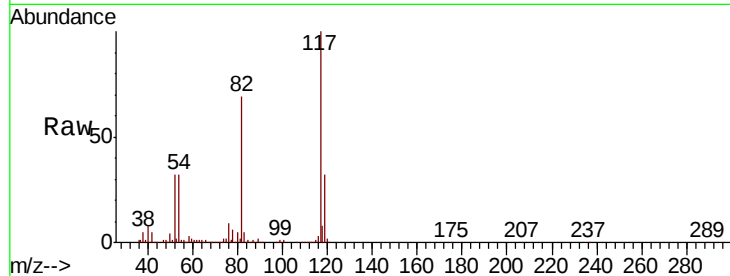




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2897
Delta R.T. -0.01 min
Lab File: VL035161.D
Acq: 7 Jul 2020 00:52

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tot Ion:117 Resp: 2027036
Ion Ratio Lower Upper
117 100
82 69.5 50.4 75.6
119 33.6 25.4 38.0



#68
1-Bromo-4-Fluorobenzene
Concen: 10.519 ppbv
RT: 14.44 min Scan# 3624
Delta R.T. -0.01 min
Lab File: VL035161.D
Acq: 7 Jul 2020 00:52

Tgt Ion: 95 Resp: 1771229
Ion Ratio Lower Upper
95 100
174 63.8 52.2 78.2
175 4.5 4.0 6.0

