

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL091620\
 Data File : VL035644.D
 Acq On : 17 Sep 2020 1:39
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Quant Time: Sep 17 07:10:43 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	1152894	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	4429348	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	4478407	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	3269609	10.28	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.80%

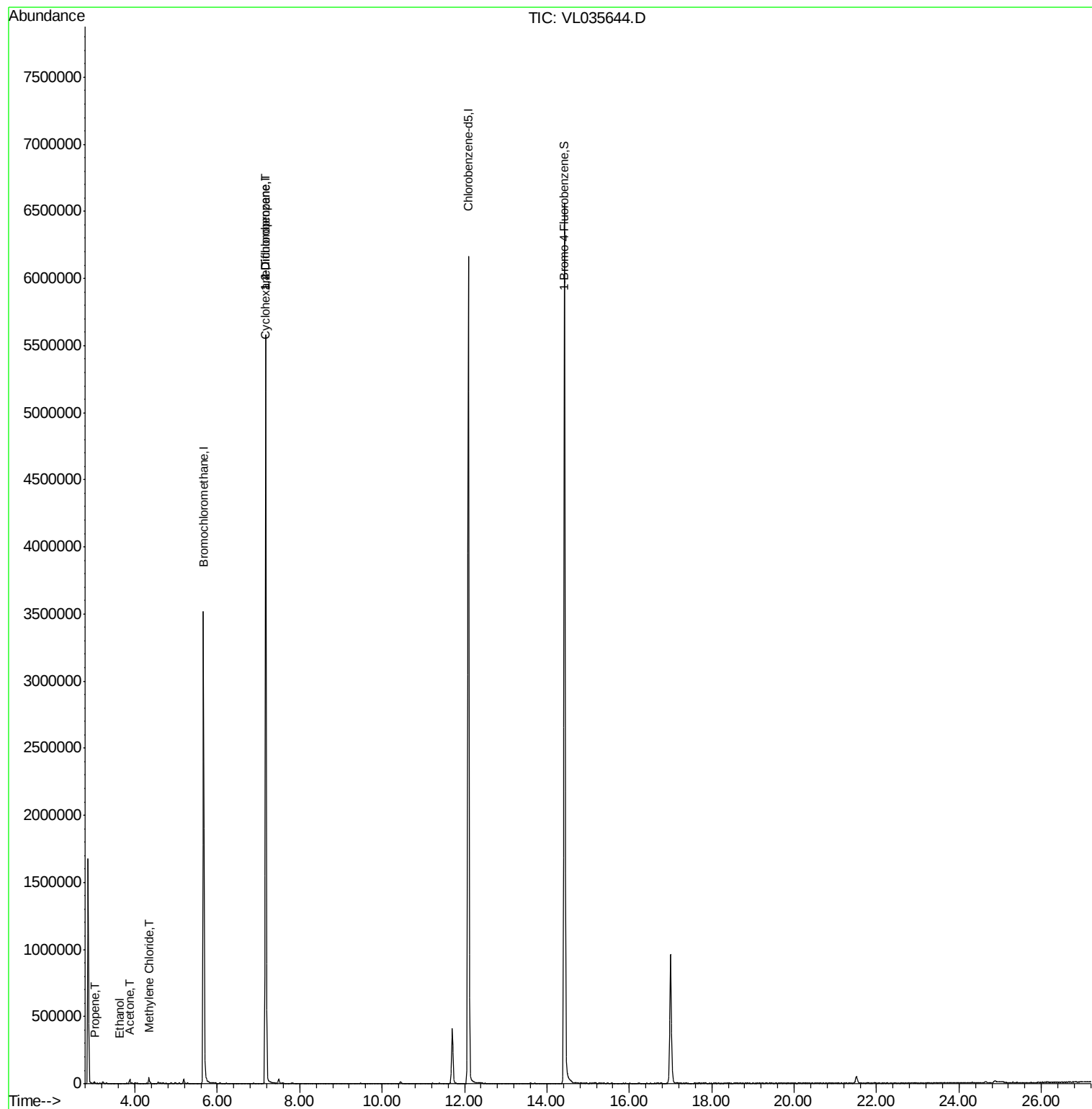
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.02	41	3298	0.067	ppbv	85
13) Ethanol	3.62	45	508	0.042	ppbv #	37
15) Acetone	3.87	43	21613	0.170	ppbv #	44
20) Methylene Chloride	4.34	84	17950	0.190	ppbv	91
30) Cyclohexane	7.16	84	8527	0.063	ppbv #	9
39) 1,2-Dichloropropane	7.17	63	859198	8.871	ppbv #	32

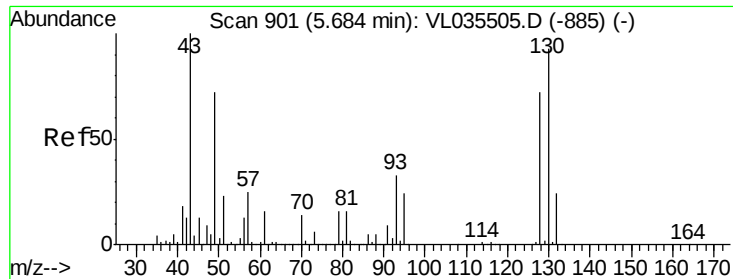
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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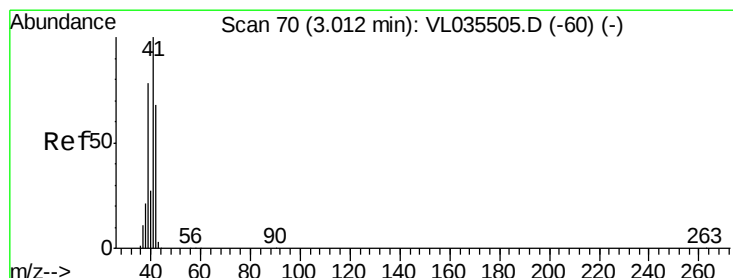
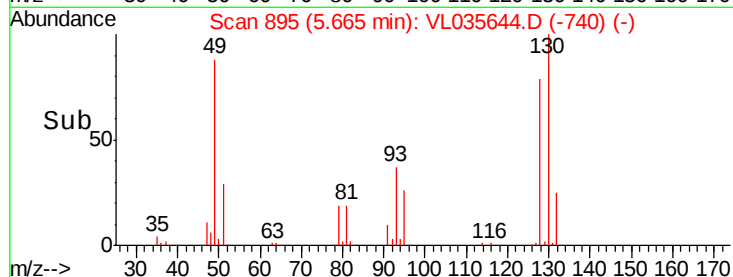
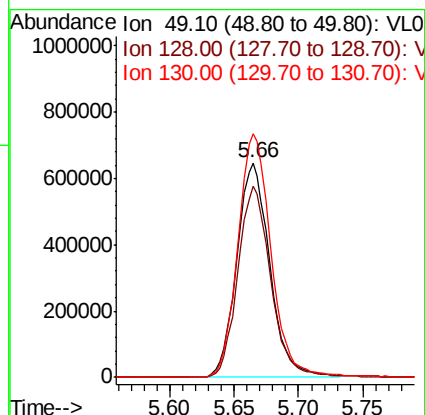
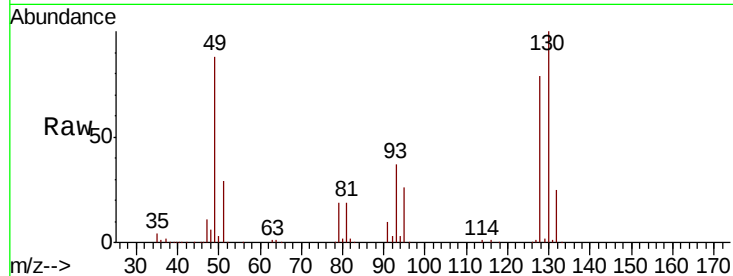




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.66 min Scan# 895
 Delta R.T. -0.00 min
 Lab File: VL035644.D
 Acq: 17 Sep 2020 1:39

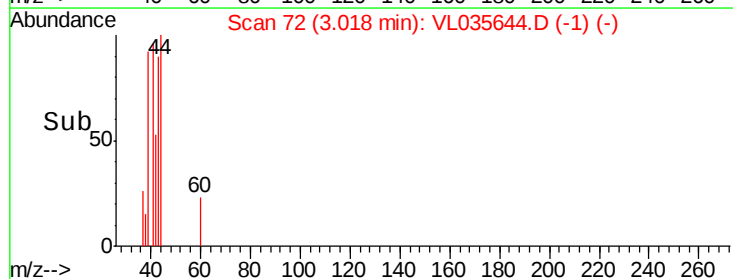
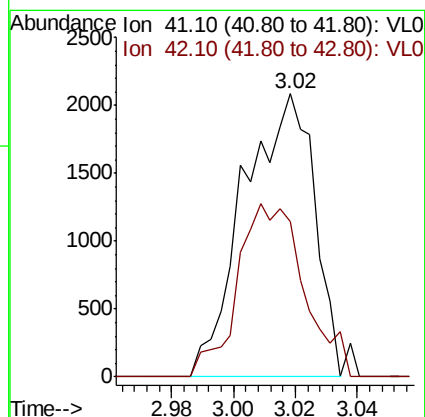
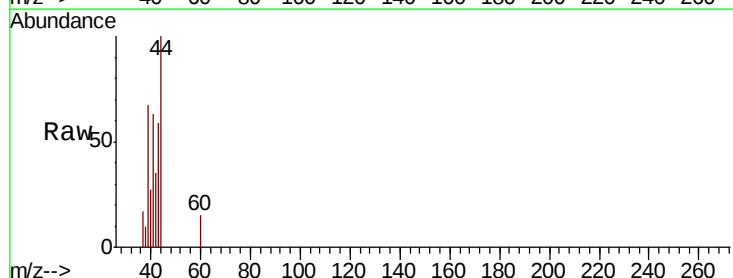
Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

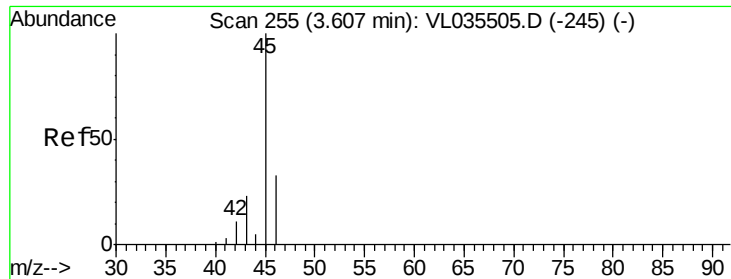
Tot Ion: 49 Resp: 1152894
 Ion Ratio Lower Upper
 49 100
 128 89.6 50.0 150.1
 130 114.8 64.4 193.2



#9
 Propene
 Concen: 0.067 ppbv
 RT: 3.02 min Scan# 72
 Delta R.T. 0.02 min
 Lab File: VL035644.D
 Acq: 17 Sep 2020 1:39

Tgt Ion: 41 Resp: 3298
 Ion Ratio Lower Upper
 41 100
 42 57.8 56.3 84.5





#13

Ethanol

Concen: 0.042 ppbv

RT: 3.62 min Scan# 259

Delta R.T. 0.02 min

Lab File: VL035644.D

Acq: 17 Sep 2020 1:39

Instrument :

MSVOA_L

ClientSampleId :

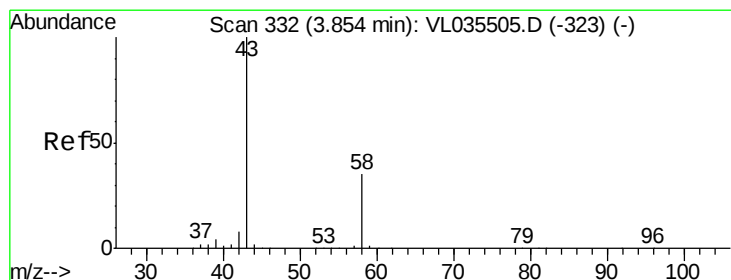
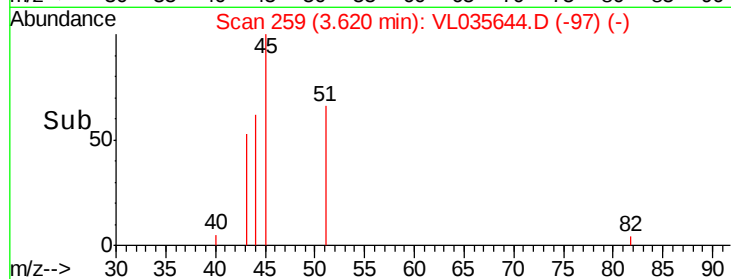
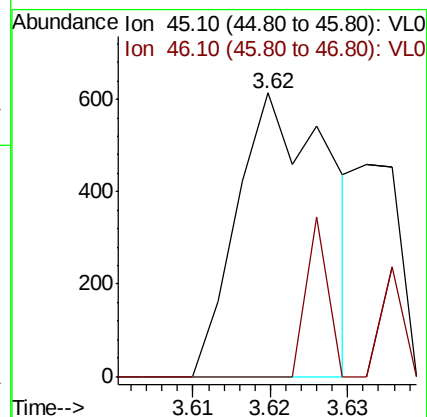
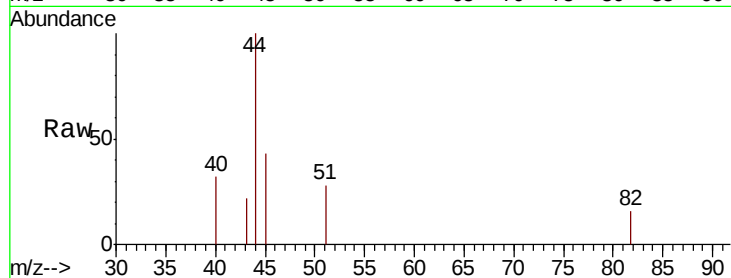
VIBLK

Tot Ion: 45 Resp: 508

Ion Ratio Lower Upper

45 100

46 0.0 15.2 60.6#



#15

Acetone

Concen: 0.170 ppbv

RT: 3.87 min Scan# 337

Delta R.T. 0.03 min

Lab File: VL035644.D

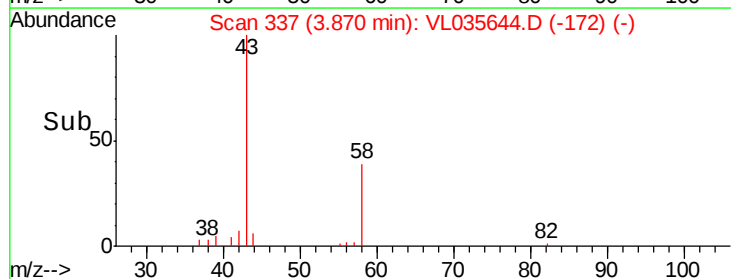
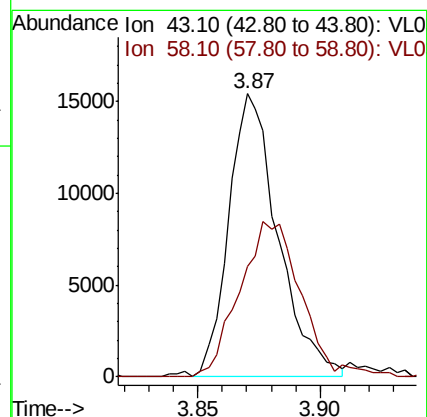
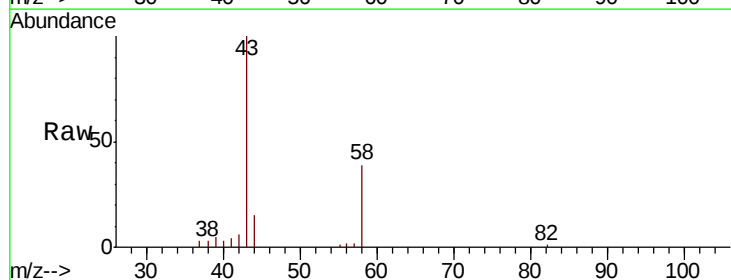
Acq: 17 Sep 2020 1:39

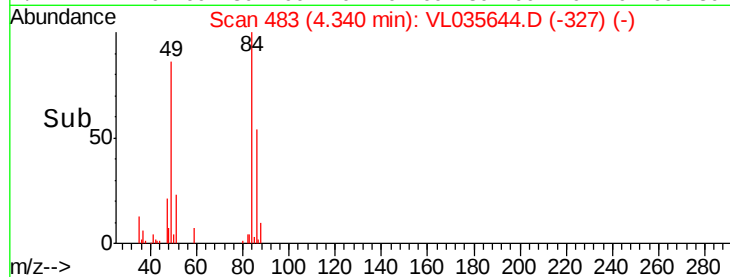
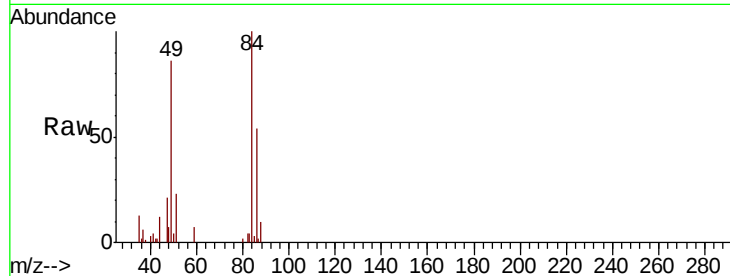
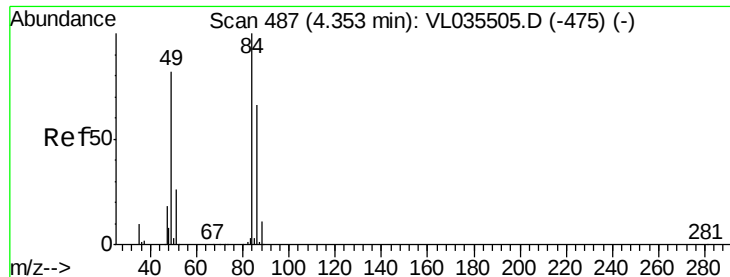
Tgt Ion: 43 Resp: 21613

Ion Ratio Lower Upper

43 100

58 68.4 28.4 42.6#

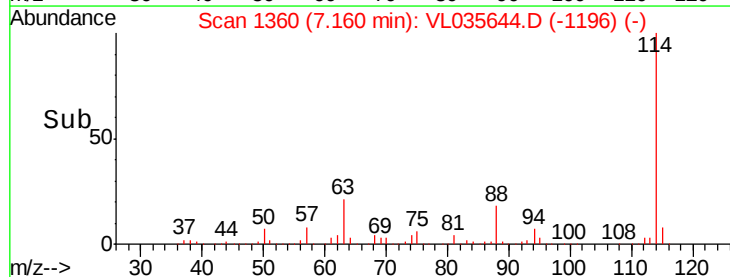
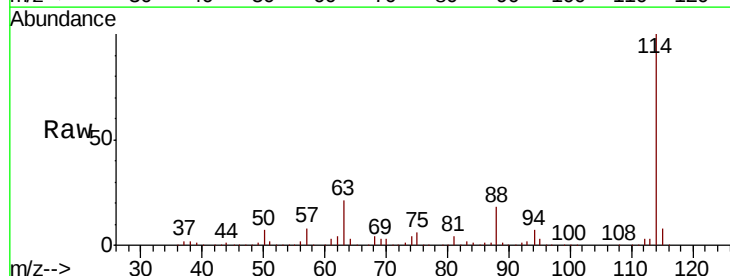
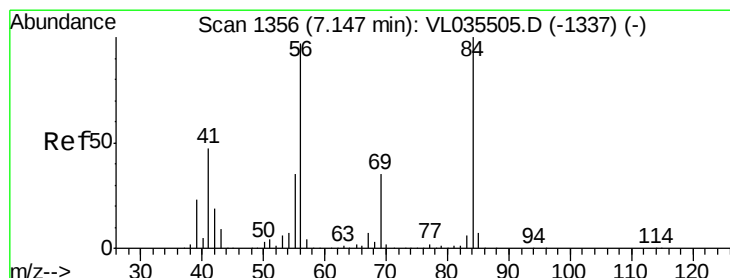
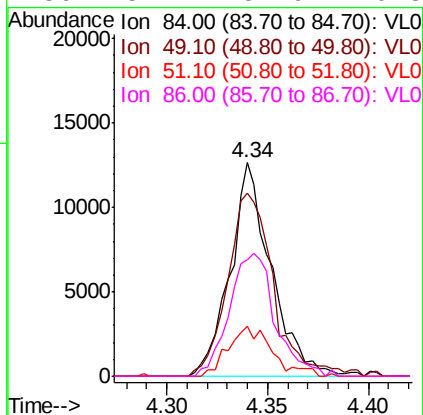




#20
Methvlene Chloride
Concen: 0.190 ppbv
RT: 4.34 min Scan# 483
Delta R.T. 0.00 min
Lab File: VL035644.D
Acq: 17 Sep 2020 1:39

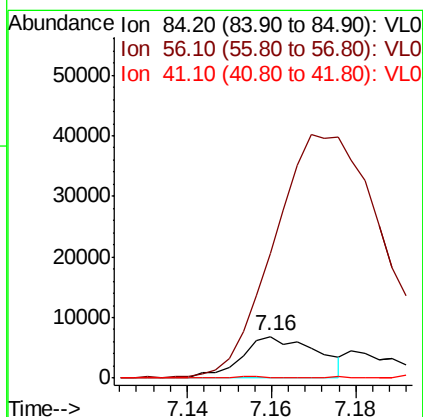
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

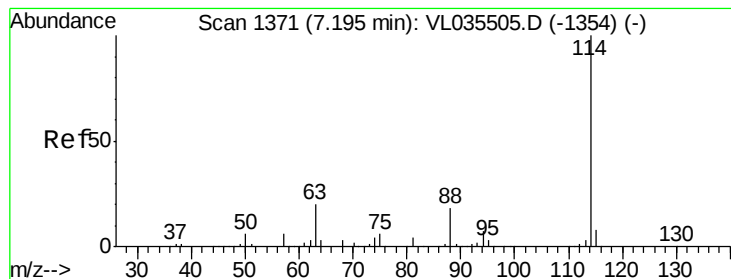
Tot Ion:	84	Resp:	17950
Ion	Ratio	Lower	Upper
84	100		
49	85.9	65.4	98.0
51	23.2	21.5	32.3
86	54.4	52.9	79.3



#30
Cyclohexane
Concen: 0.063 ppbv
RT: 7.16 min Scan# 1360
Delta R.T. 0.03 min
Lab File: VL035644.D
Acq: 17 Sep 2020 1:39

Tgt Ion:	84	Resp:	8527
Ion	Ratio	Lower	Upper
84	100		
56	0.0	80.1	120.1#
41	0.0	38.1	57.1#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.17 min Scan# 1364

Delta R.T. -0.00 min

Lab File: VL035644.D

Acq: 17 Sep 2020 1:39

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

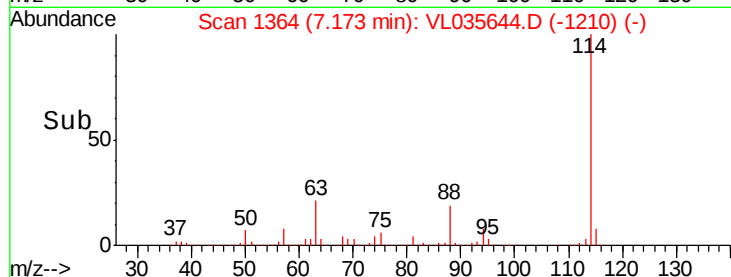
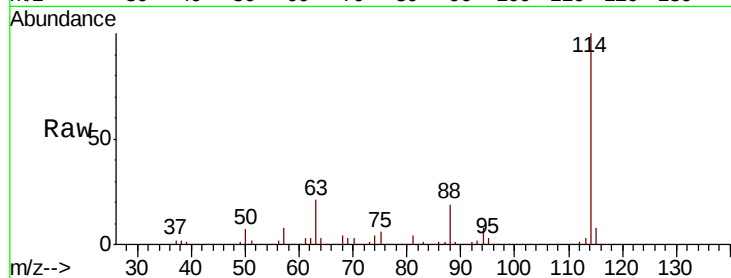
Tot Ion:114 Resp: 4429348

Ion Ratio Lower Upper

114 100

63 19.4 14.7 22.1

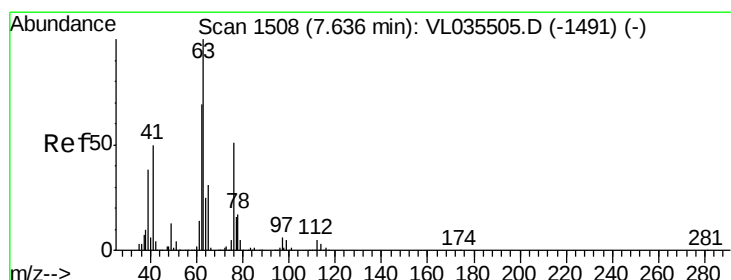
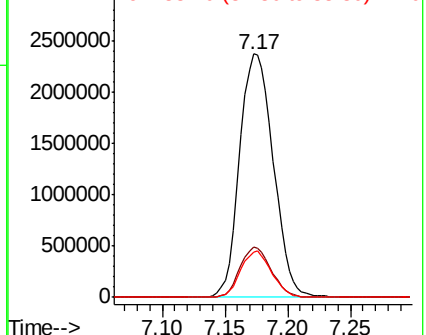
88 17.6 13.4 20.2



Abundance Ion 114.10 (113.80 to 114.80): V

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0



#39

1,2-Dichloropropane

Concen: 8.871 ppbv

RT: 7.17 min Scan# 1364

Delta R.T. -0.44 min

Lab File: VL035644.D

Acq: 17 Sep 2020 1:39

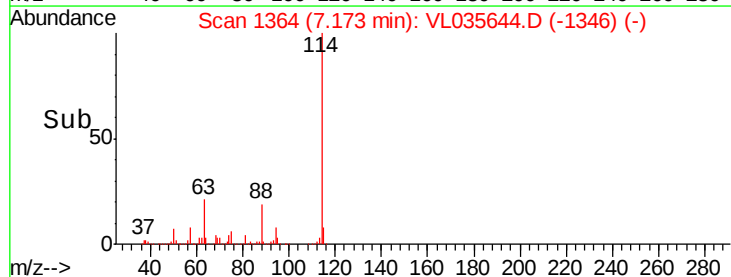
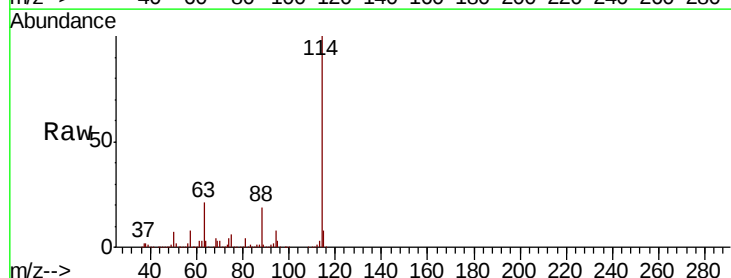
Tgt Ion: 63 Resp: 859198

Ion Ratio Lower Upper

63 100

41 0.0 40.0 60.0#

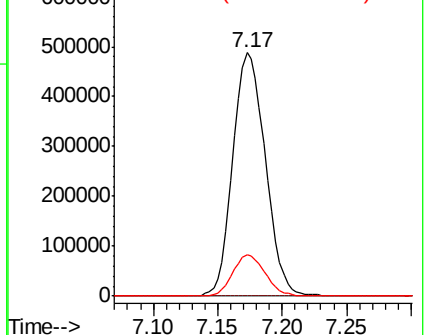
62 16.7 55.4 83.0#

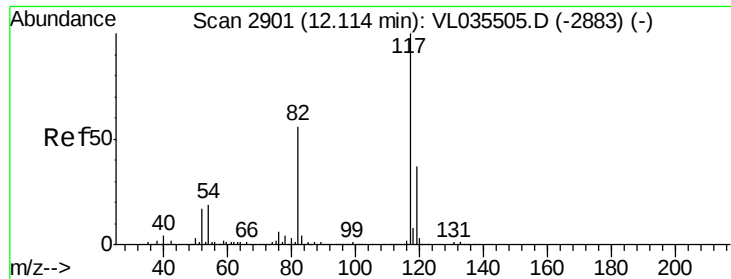


Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 62.10 (61.80 to 62.80): VL0

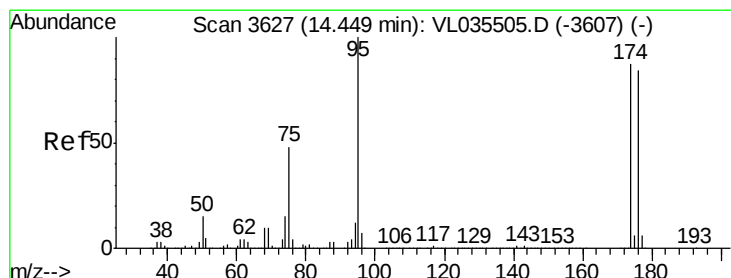
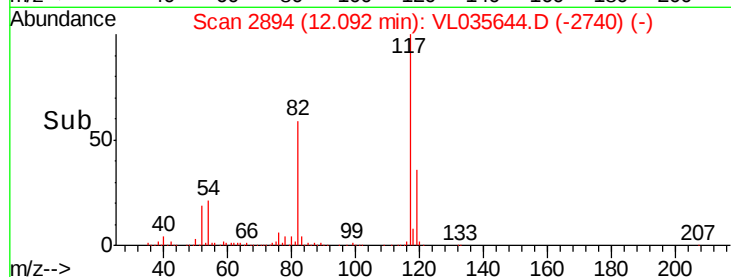
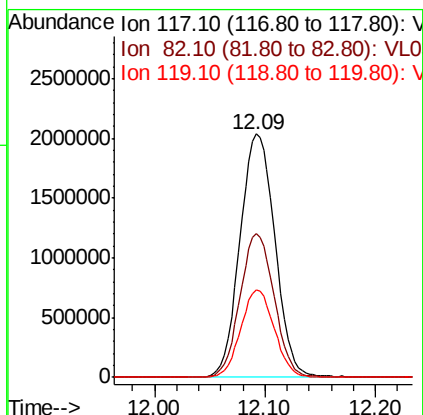
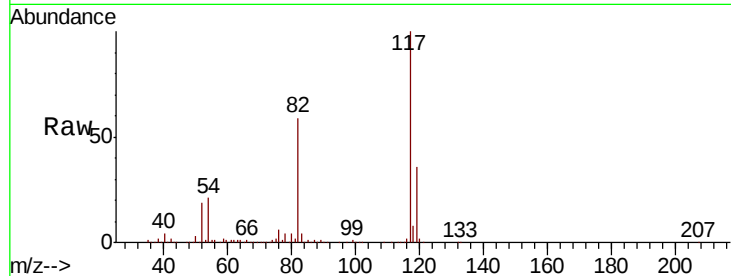




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min Scan# 2894
Delta R.T. -0.00 min
Lab File: VL035644.D
Acq: 17 Sep 2020 1:39

Instrument :
MSVOA_L
ClientSampled :
VIBLK

Tot Ion:117 Resp: 4478407
Ion Ratio Lower Upper
117 100
82 57.8 41.6 62.4
119 34.8 29.3 43.9



#68
1-Bromo-4-Fluorobenzene
Concen: 10.281 ppbv
RT: 14.43 min Scan# 3620
Delta R.T. -0.00 min
Lab File: VL035644.D
Acq: 17 Sep 2020 1:39

Tgt Ion: 95 Resp: 3269609
Ion Ratio Lower Upper
95 100
174 78.8 69.6 104.4
175 5.6 5.1 7.7

