

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL070620\
 Data File : VL035164.D
 Acq On : 7 Jul 2020 4:37
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Quant Time: Jul 07 06:34:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL061920AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 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	876366	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	2112406	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	1997504	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	1723002	10.38	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.80%

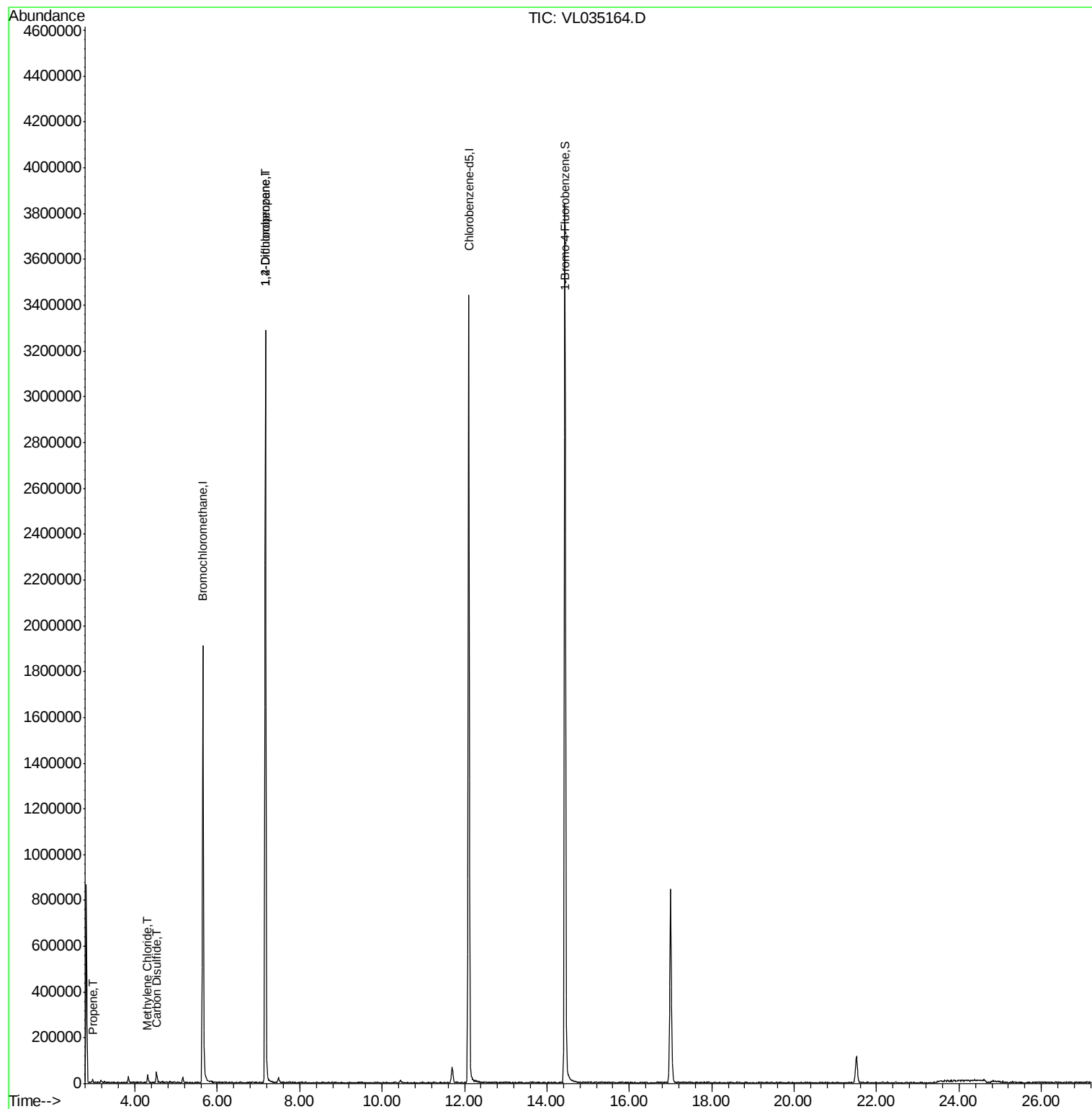
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	2.96	41	1242	0.032	ppbv #	15
20) Methylene Chloride	4.31	84	6494	0.151	ppbv #	80
27) Carbon Disulfide	4.52	76	53843	0.603	ppbv	95
39) 1,2-Dichloropropane	7.17	63	576885	9.017	ppbv #	24

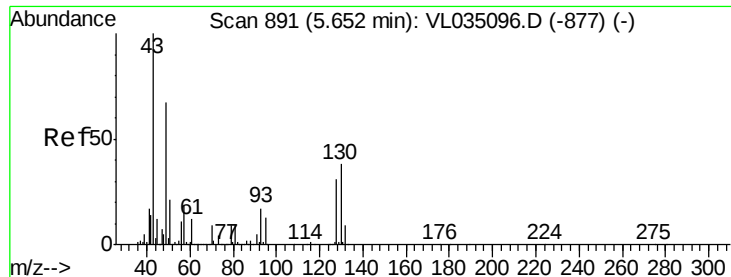
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 889

Delta R.T. -0.01 min

Lab File: VL035164.D

Acq: 7 Jul 2020 4:37

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

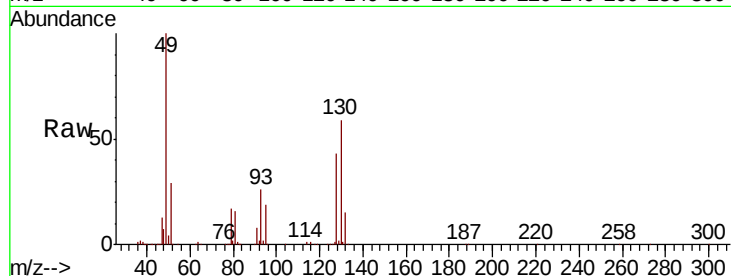
Tot Ion: 49 Resp: 876366

Ion Ratio Lower Upper

49 100

128 47.7 22.9 68.5

130 62.8 29.0 87.0



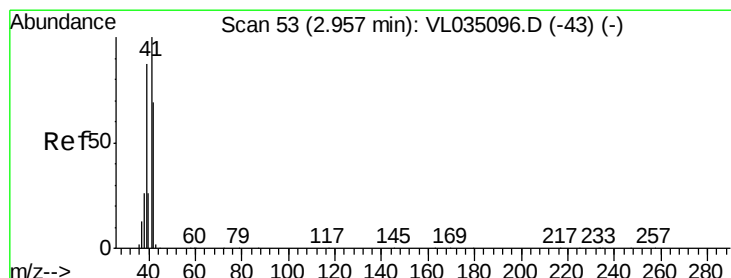
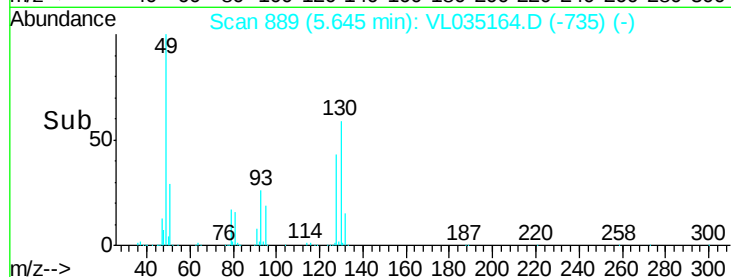
Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V

5.65

Time-->



#9

Propene

Concen: 0.032 ppbv

RT: 2.96 min Scan# 54

Delta R.T. 0.00 min

Lab File: VL035164.D

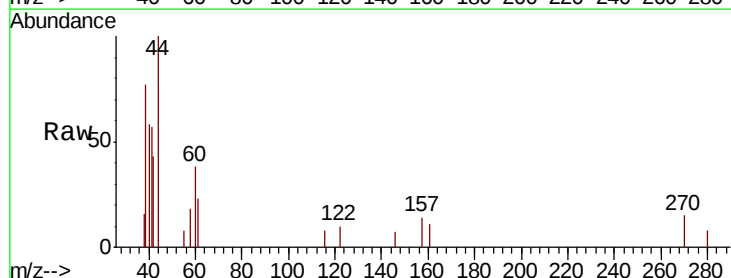
Acq: 7 Jul 2020 4:37

Tgt Ion: 41 Resp: 1242

Ion Ratio Lower Upper

41 100

42 0.0 55.8 83.6#

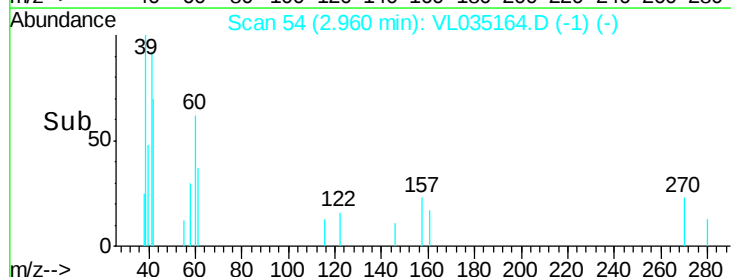


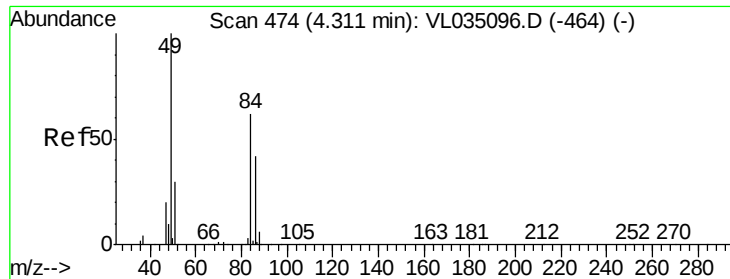
Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

2.96

Time-->

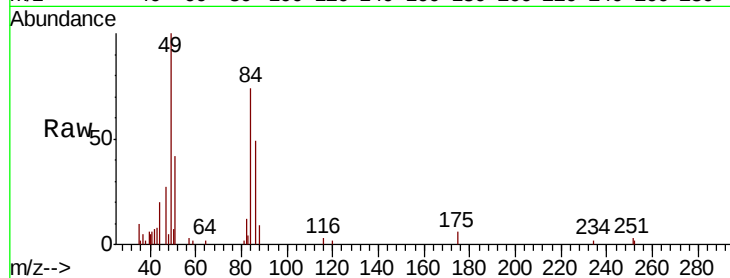




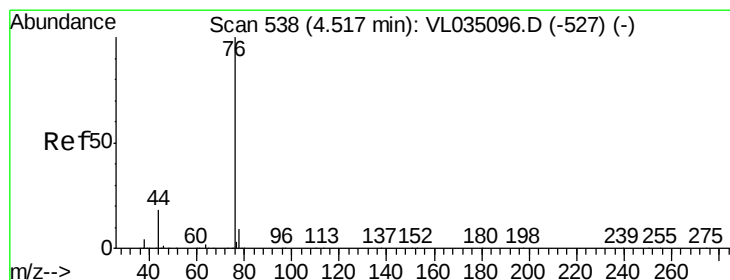
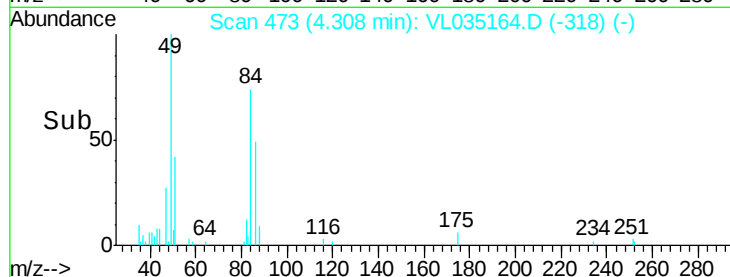
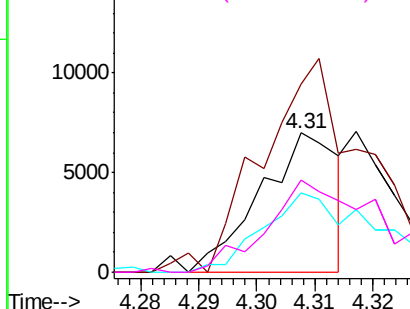
#20
Methvlene Chloride
Concen: 0.151 ppbv
RT: 4.31 min Scan# 473
Delta R.T. -0.00 min
Lab File: VL035164.D
Acq: 7 Jul 2020 4:37

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tot Ion:	84	Resp:	6494
Ion	Ratio	Lower	Upper
84	100		
49	121.8	128.8	193.2#
51	57.0	38.7	58.1
86	66.3	54.1	81.1

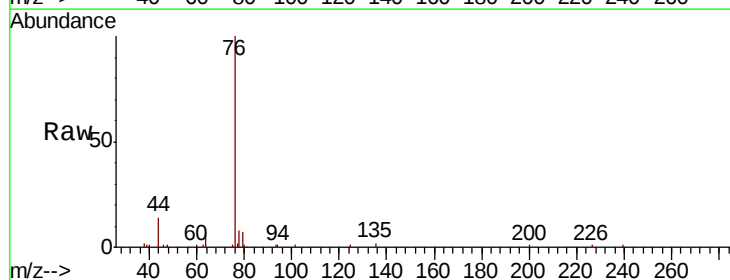


Abundance Ion 84.00 (83.70 to 84.70): VL0
Ion 49.10 (48.80 to 49.80): VL0
Ion 51.10 (50.80 to 51.80): VL0
Ion 86.00 (85.70 to 86.70): VL0

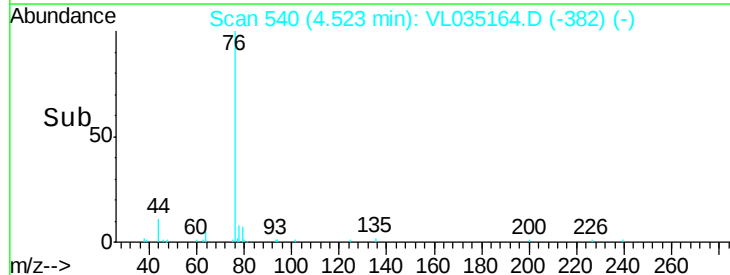
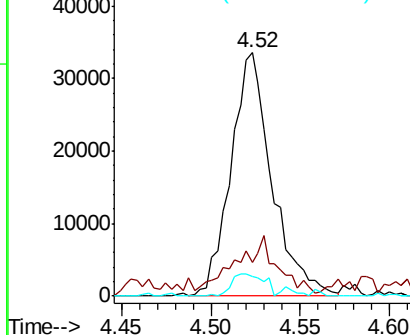


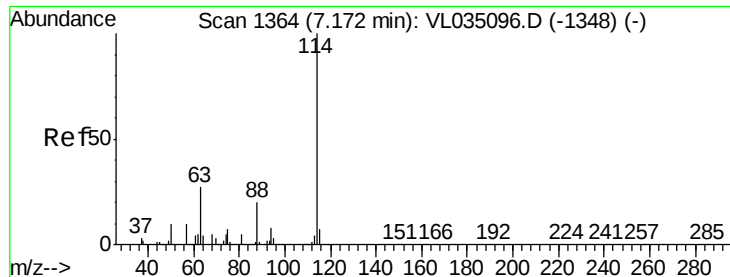
#27
Carbon Disulfide
Concen: 0.603 ppbv
RT: 4.52 min Scan# 540
Delta R.T. 0.01 min
Lab File: VL035164.D
Acq: 7 Jul 2020 4:37

Tgt Ion:	76	Resp:	53843
Ion	Ratio	Lower	Upper
76	100		
44	22.9	15.8	23.8
78	9.2	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

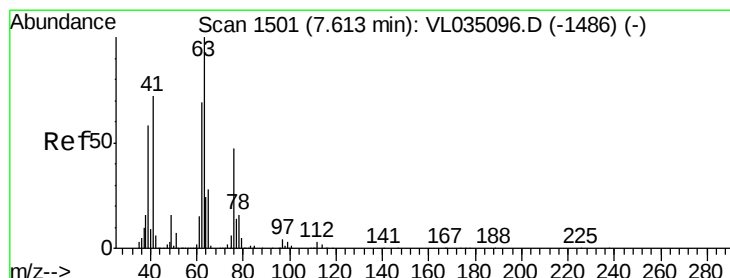
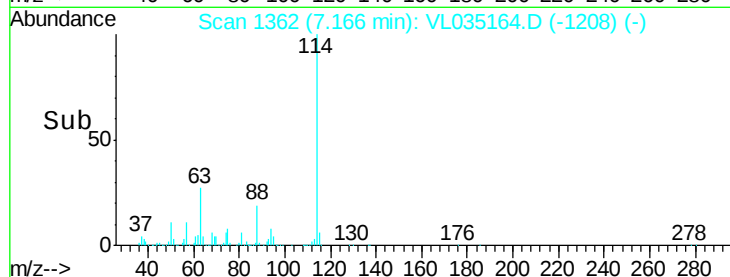
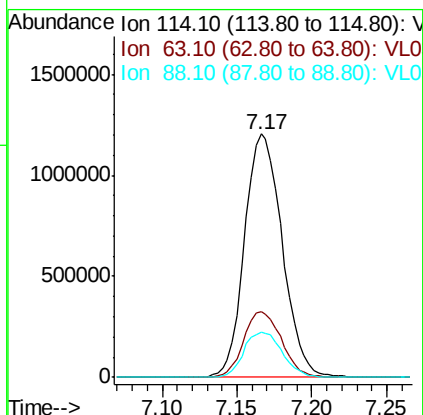
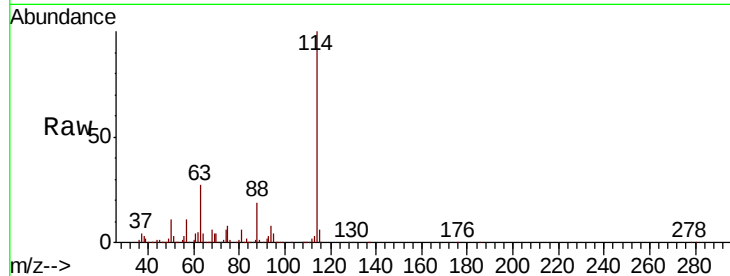




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17 min Scan# 1362
 Delta R.T. -0.01 min
 Lab File: VL035164.D
 Acq: 7 Jul 2020 4:37

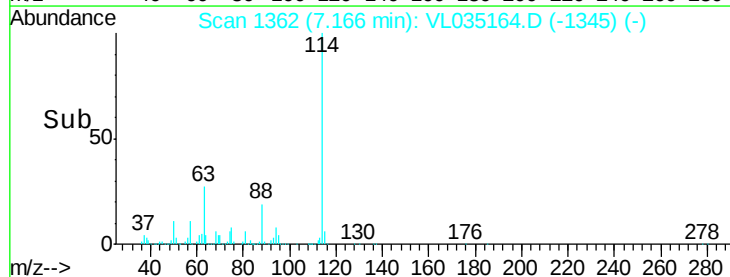
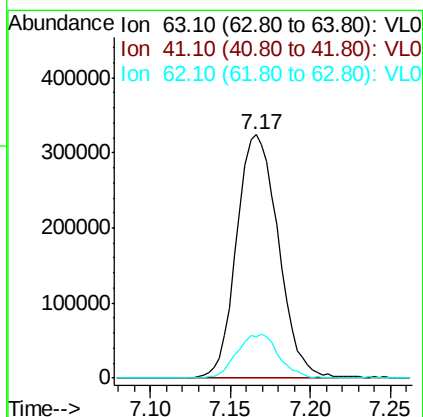
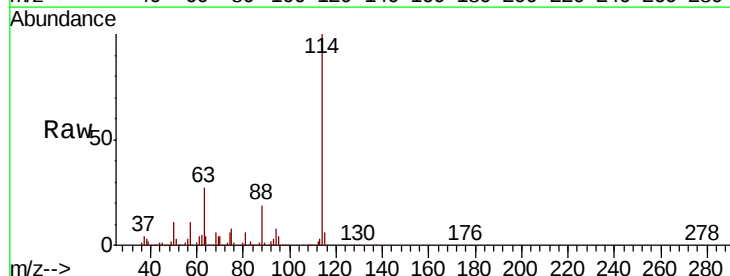
Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

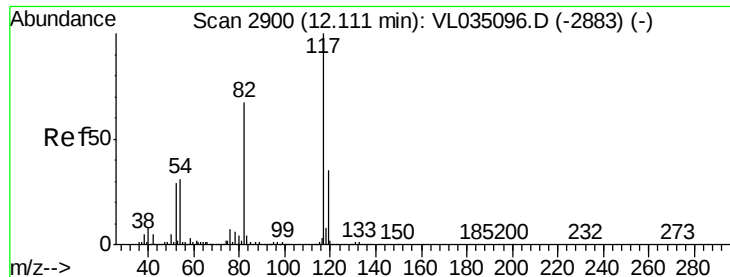
Tot Ion:114 Resp: 2112406
 Ion Ratio Lower Upper
 114 100
 63 27.4 21.9 32.9
 88 19.1 15.6 23.4



#39
 1,2-Dichloropropane
 Concen: 9.017 ppbv
 RT: 7.17 min Scan# 1362
 Delta R.T. -0.45 min
 Lab File: VL035164.D
 Acq: 7 Jul 2020 4:37

Tgt Ion: 63 Resp: 576885
 Ion Ratio Lower Upper
 63 100
 41 0.1 58.0 87.0#
 62 16.8 55.4 83.0#

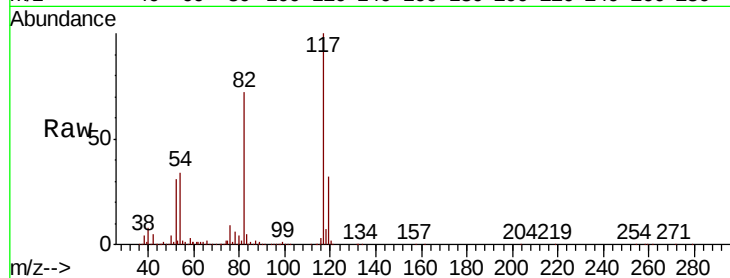




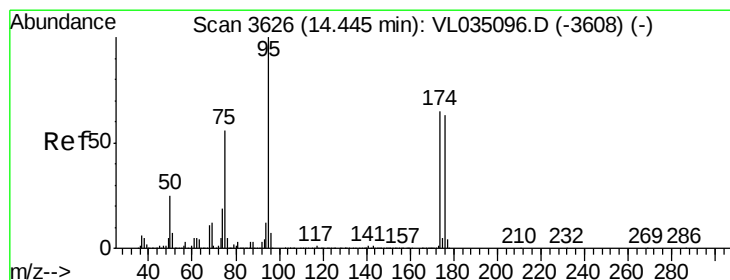
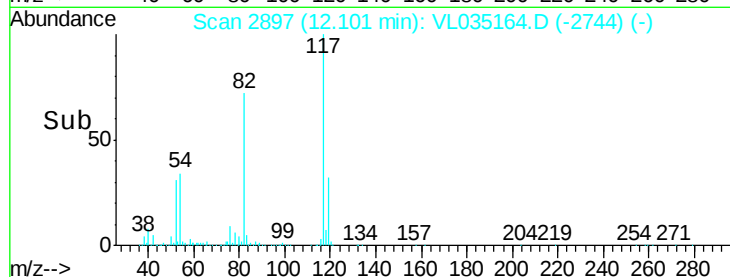
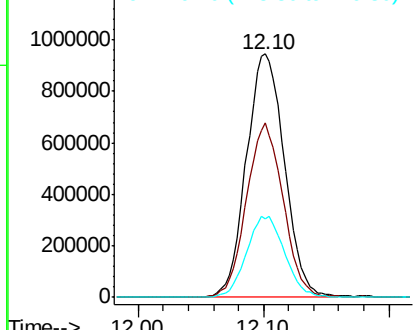
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2897
Delta R.T. -0.01 min
Lab File: VL035164.D
Acq: 7 Jul 2020 4:37

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tot Ion:117 Resp: 1997504
Ion Ratio Lower Upper
117 100
82 69.3 50.4 75.6
119 33.4 25.4 38.0

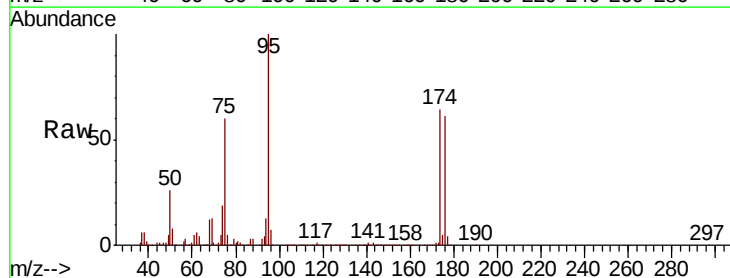


Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): VL0
Ion 119.10 (118.80 to 119.80): V



#68
1-Bromo-4-Fluorobenzene
Concen: 10.384 ppbv
RT: 14.44 min Scan# 3623
Delta R.T. -0.01 min
Lab File: VL035164.D
Acq: 7 Jul 2020 4:37

Tgt Ion: 95 Resp: 1723002
Ion Ratio Lower Upper
95 100
174 64.8 52.2 78.2
175 4.8 4.0 6.0



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

