

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL070620\
 Data File : VL035144.D
 Acq On : 6 Jul 2020 12:09
 Operator : SY/AP
 Sample : VL0706ABL01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0706ABL01

Quant Time: Jul 07 05:03:01 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	1074826	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	2557412	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	2467092	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	2114377	10.32	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.20%

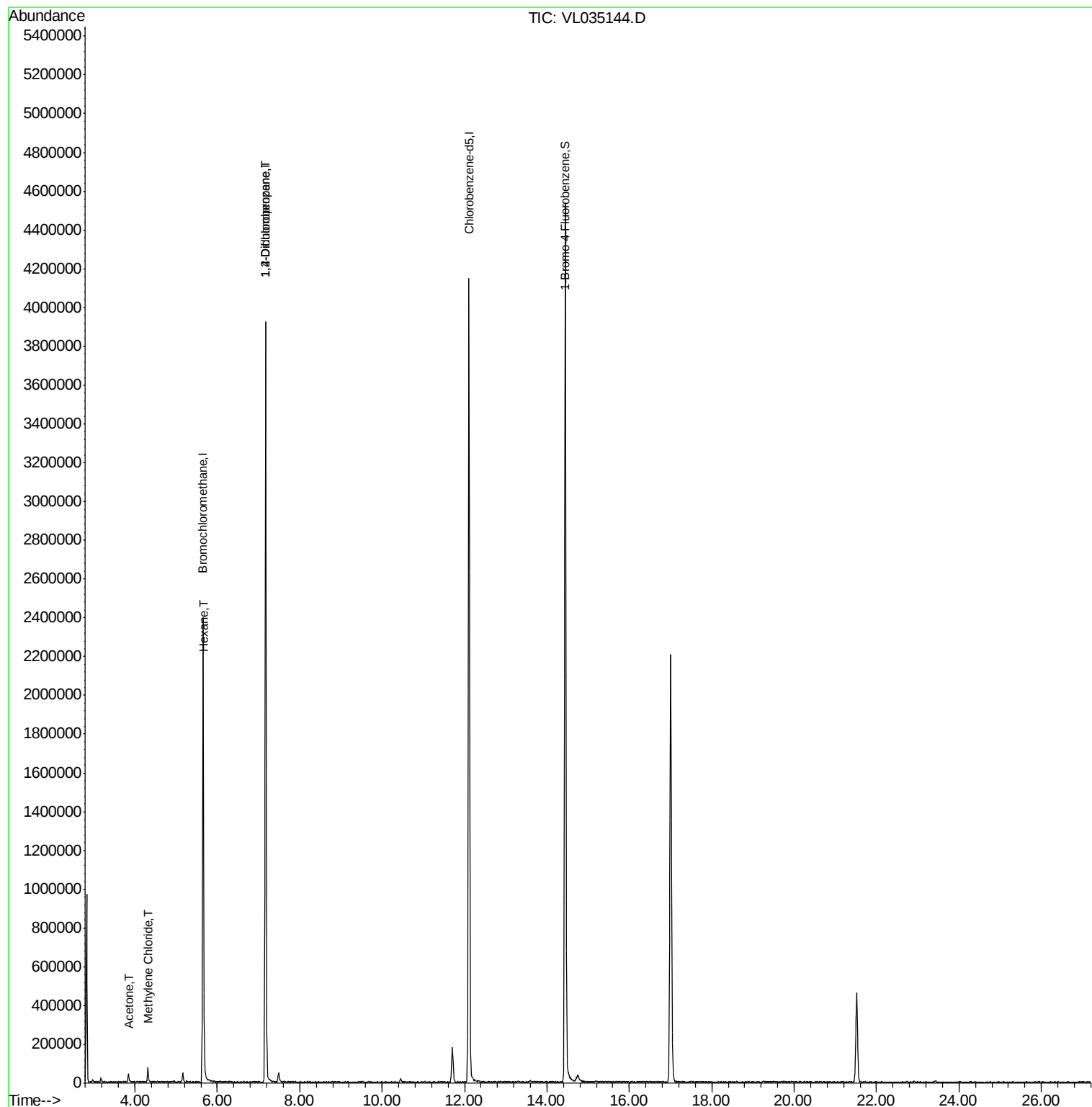
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.83	43	37267	0.287	ppbv #	49
20) Methylene Chloride	4.32	84	6635	0.126	ppbv	82
26) Hexane	5.67	57	5297	0.050	ppbv #	32
39) 1,2-Dichloropropane	7.17	63	693945	8.960	ppbv #	25

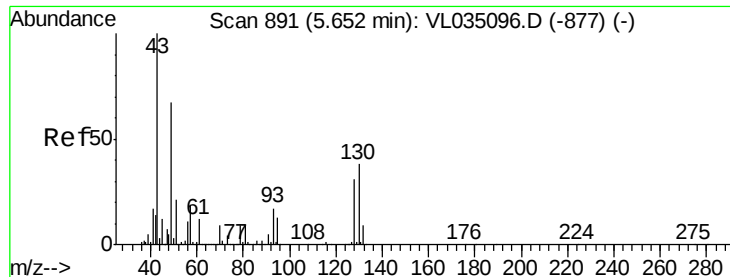
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 891

Delta R.T. -0.00 min

Lab File: VL035144.D

Acq: 6 Jul 2020 12:09

Instrument :

MSVOA_L

ClientSampleId :

VL0706ABL01

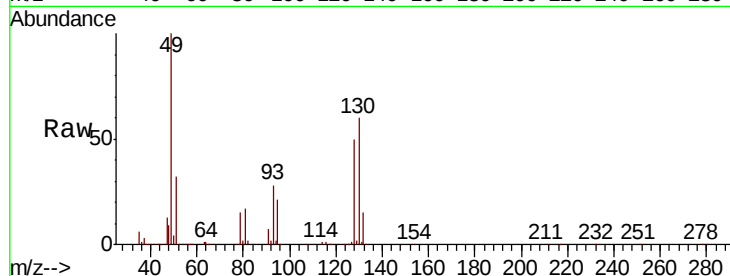
Tot Ion: 49 Resp: 1074826

Ion Ratio Lower Upper

49 100

128 49.3 22.9 68.5

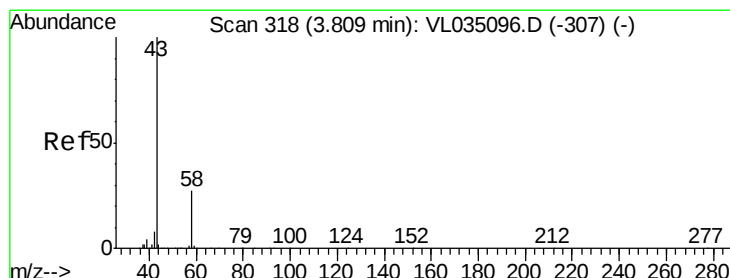
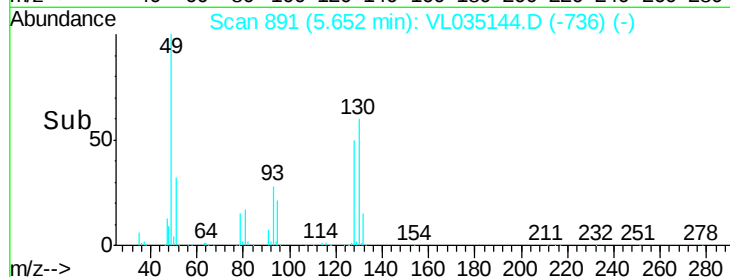
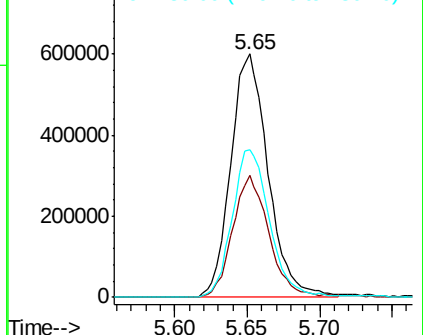
130 61.8 29.0 87.0



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



#15

Acetone

Concen: 0.287 ppbv

RT: 3.83 min Scan# 326

Delta R.T. 0.03 min

Lab File: VL035144.D

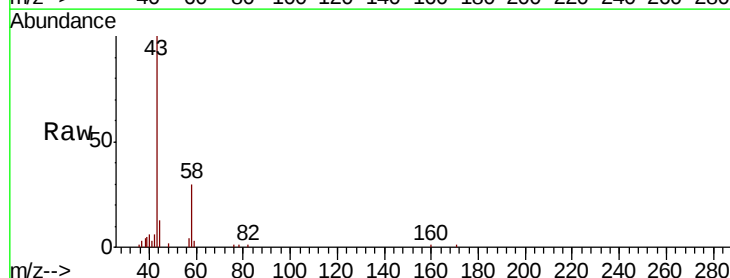
Acq: 6 Jul 2020 12:09

Tgt Ion: 43 Resp: 37267

Ion Ratio Lower Upper

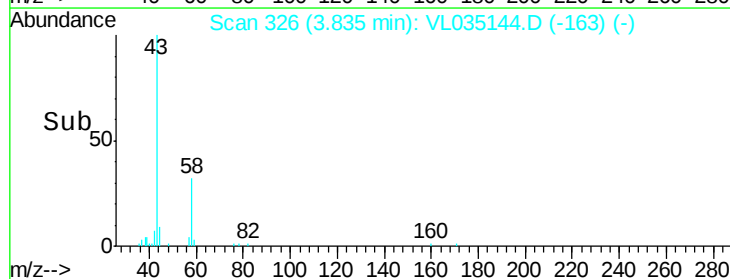
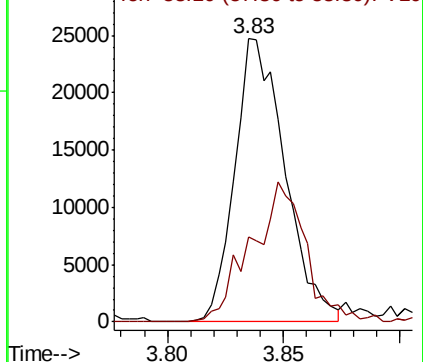
43 100

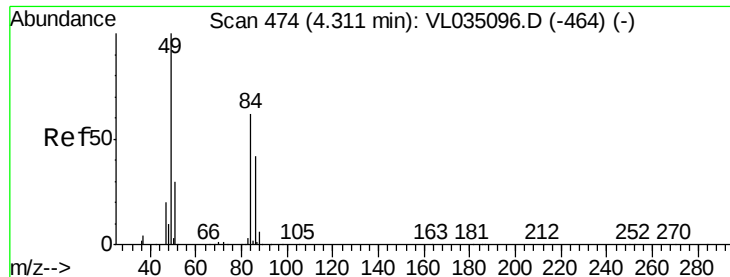
58 53.8 21.8 32.6#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

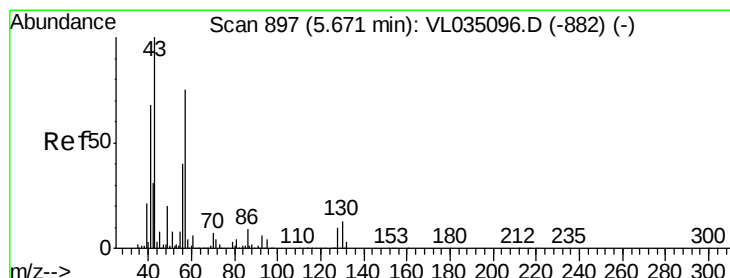
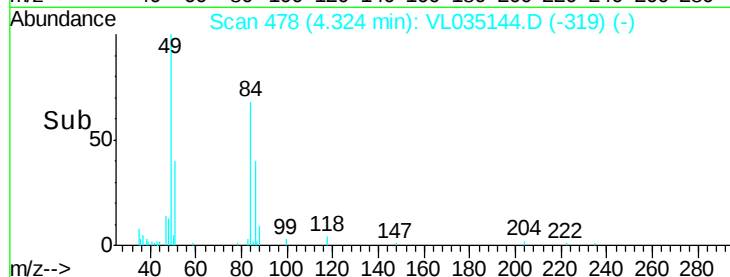
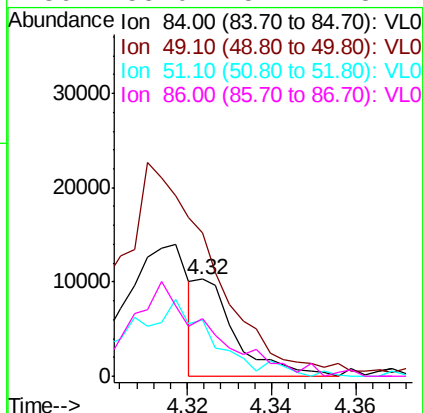
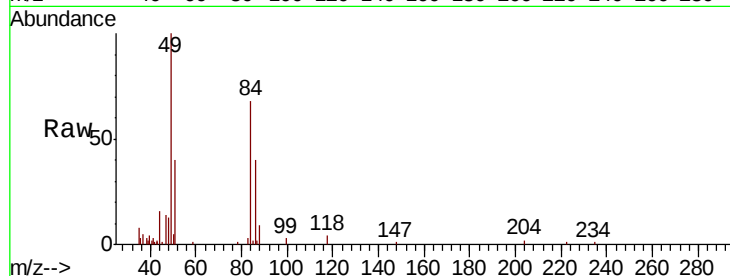




#20
Methvlene Chloride
Concen: 0.126 ppbv
RT: 4.32 min Scan# 478
Delta R.T. 0.01 min
Lab File: VL035144.D
Acq: 6 Jul 2020 12:09

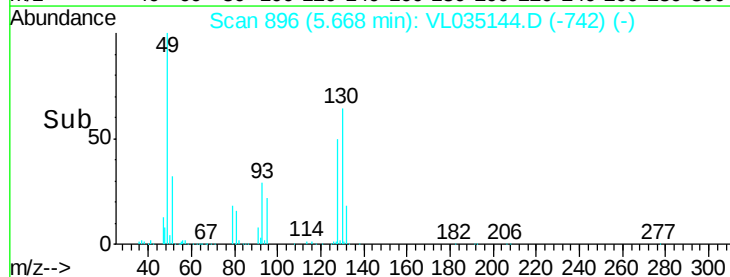
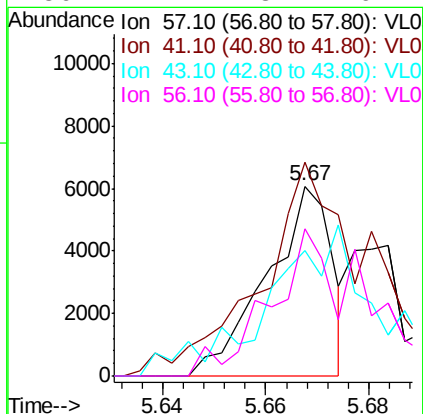
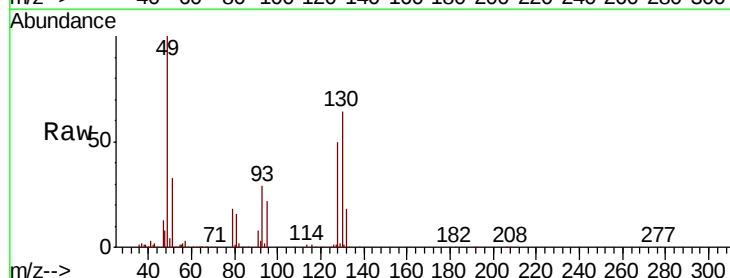
Instrument :
MSVOA_L
ClientSampleId :
VL0706ABL01

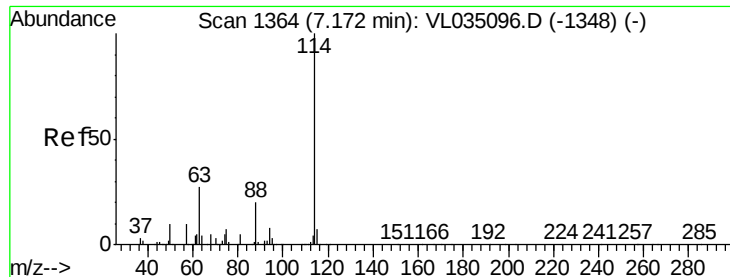
Tot Ion:	84	Resp:	6635
Ion	Ratio	Lower	Upper
84	100		
49	133.6	128.8	193.2
51	56.4	38.7	58.1
86	55.0	54.1	81.1



#26
Hexane
Concen: 0.050 ppbv
RT: 5.67 min Scan# 896
Delta R.T. -0.00 min
Lab File: VL035144.D
Acq: 6 Jul 2020 12:09

Tgt Ion:	57	Resp:	5297
Ion	Ratio	Lower	Upper
57	100		
41	189.3	72.9	109.3#
43	142.7	181.3	271.9#
56	111.1	43.1	64.7#

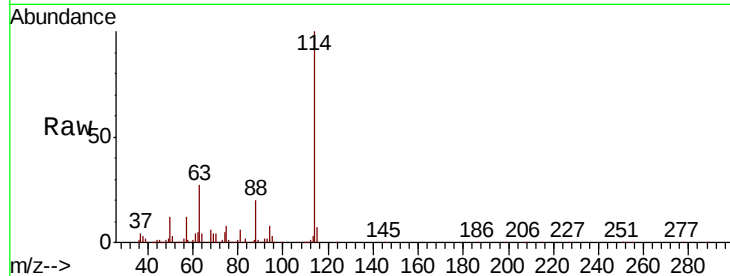




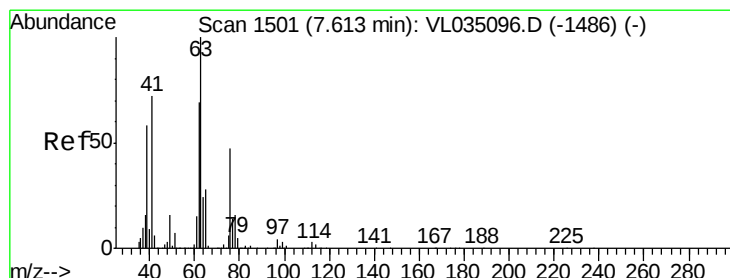
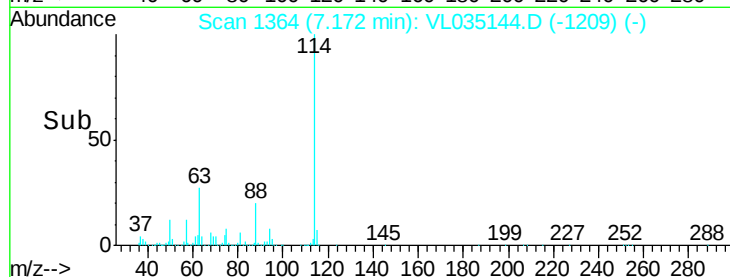
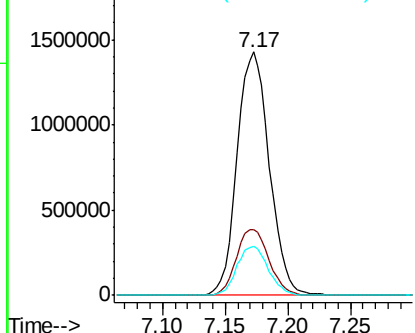
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17 min Scan# 1364
 Delta R.T. -0.00 min
 Lab File: VL035144.D
 Acq: 6 Jul 2020 12:09

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0706ABL01

Tot Ion:114 Resp: 2557412
 Ion Ratio Lower Upper
 114 100
 63 27.5 21.9 32.9
 88 19.7 15.6 23.4

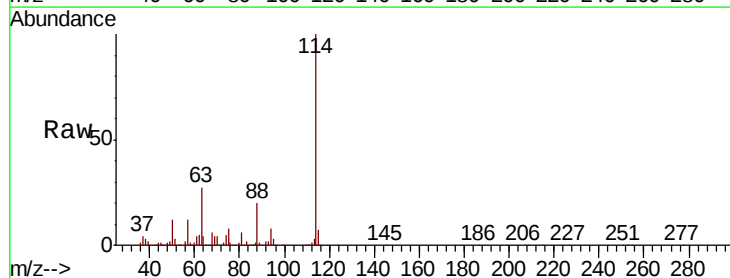


Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

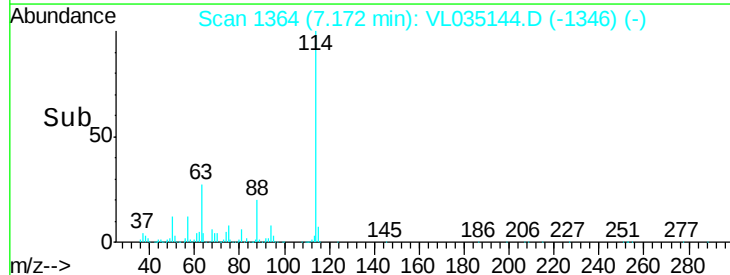
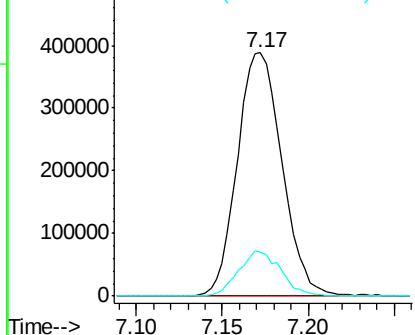


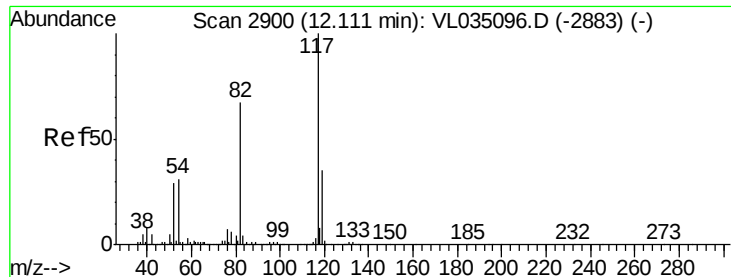
#39
 1,2-Dichloropropane
 Concen: 8.960 ppbv
 RT: 7.17 min Scan# 1364
 Delta R.T. -0.44 min
 Lab File: VL035144.D
 Acq: 6 Jul 2020 12:09

Tgt Ion: 63 Resp: 693945
 Ion Ratio Lower Upper
 63 100
 41 0.0 58.0 87.0#
 62 18.2 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

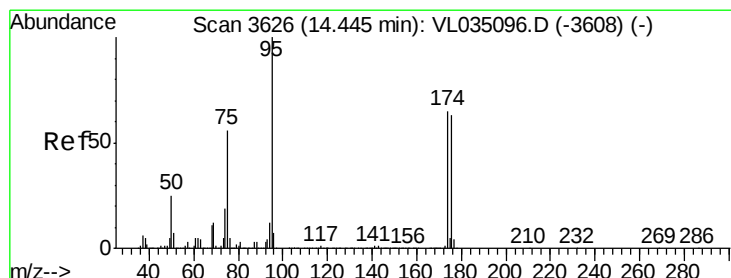
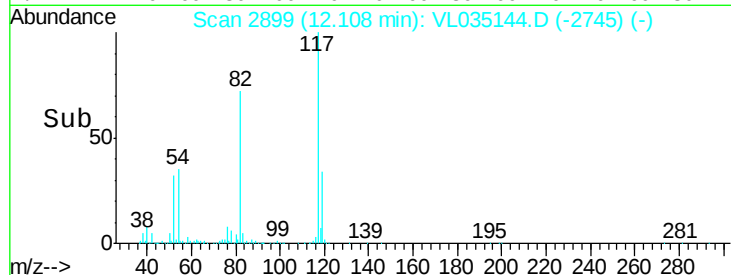
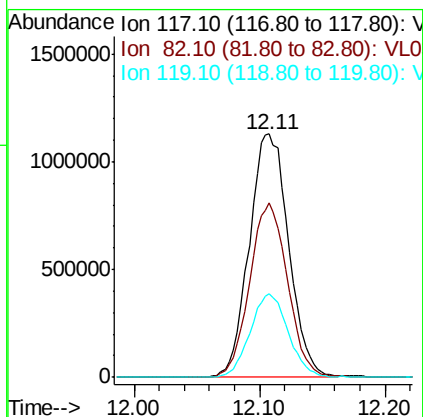
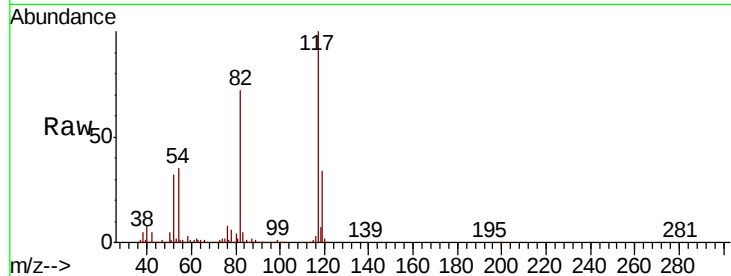




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.11 min Scan# 2899
Delta R.T. -0.00 min
Lab File: VL035144.D
Acq: 6 Jul 2020 12:09

Instrument :
MSVOA_L
ClientSampleId :
VL0706ABL01

Tot Ion:117 Resp: 2467092
Ion Ratio Lower Upper
117 100
82 69.5 50.4 75.6
119 33.4 25.4 38.0



#68
1-Bromo-4-Fluorobenzene
Concen: 10.317 ppbv
RT: 14.44 min Scan# 3625
Delta R.T. -0.00 min
Lab File: VL035144.D
Acq: 6 Jul 2020 12:09

Tgt Ion: 95 Resp: 2114377
Ion Ratio Lower Upper
95 100
174 64.2 52.2 78.2
175 4.7 4.0 6.0

