

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL120820\
 Data File : VL036098.D
 Acq On : 8 Dec 2020 16:35
 Operator : SY/AP
 Sample : VL1208ABL01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1208ABL01

Quant Time: Dec 09 07:18:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL120720AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Dec 07 16:56:49 2020
 QLast Update : Mon Dec 07 16:56:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	1277618	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	2651697	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	2380593	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	2000253	10.58	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.80%

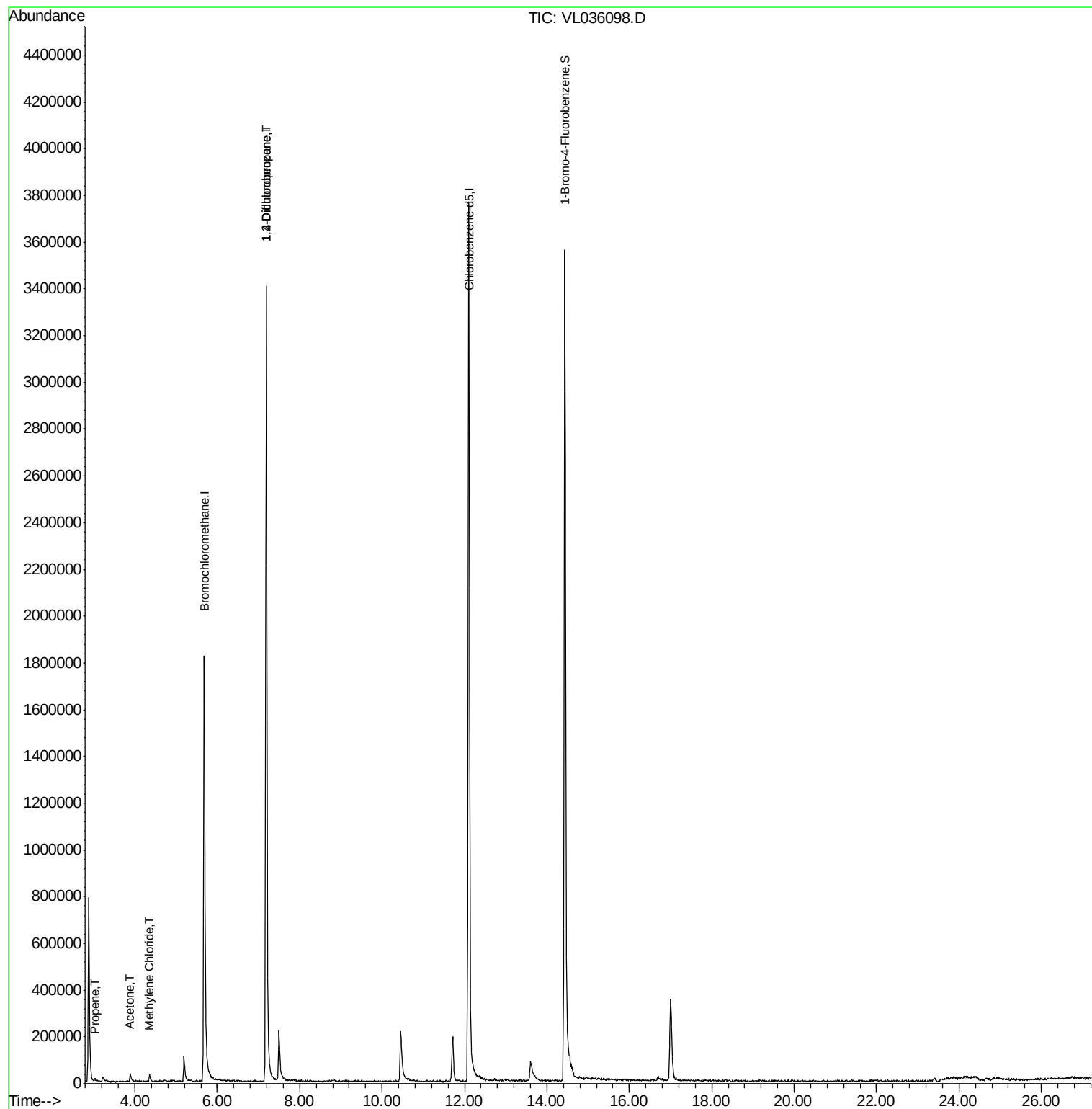
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.02	41	2220	0.030	ppbv #	44
15) Acetone	3.88	43	16860	0.110	ppbv #	49
20) Methylene Chloride	4.36	84	3071	0.049	ppbv #	21
39) 1,2-Dichloropropane	7.19	63	811217	9.141	ppbv #	23

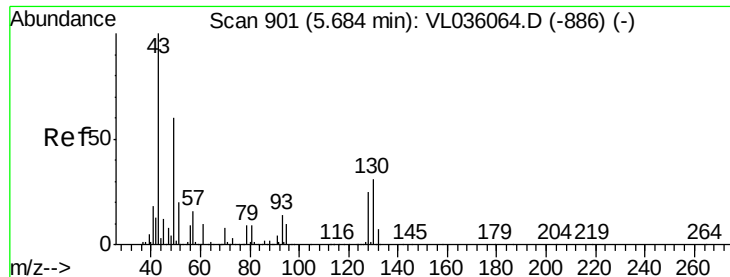
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 min Scan# 900

Delta R.T. -0.00 min

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Instrument :

MSVOA_L

ClientSampleId :

VL1208ABL01

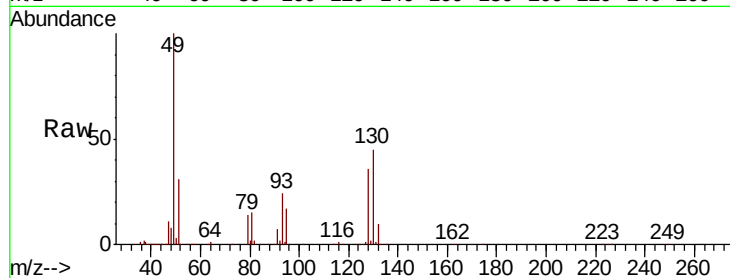
Tot Ion: 49 Resp: 1277618

Ion Ratio Lower Upper

49 100

128 37.5 21.1 63.1

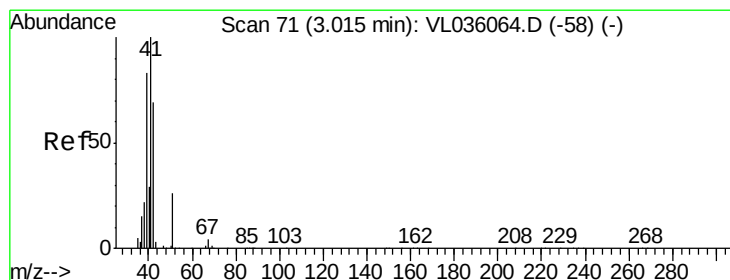
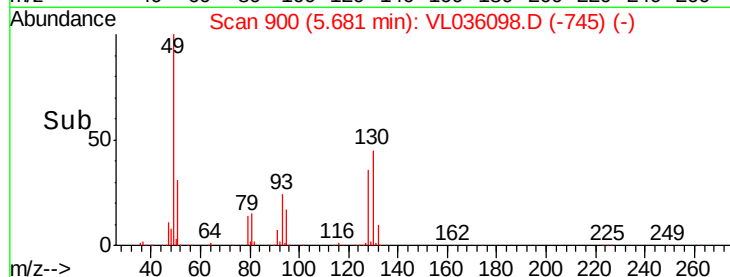
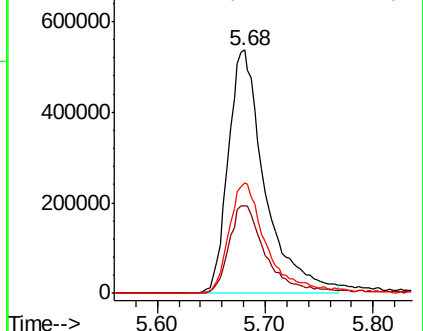
130 47.3 27.1 81.3



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



#9

Propene

Concen: 0.030 ppbv

RT: 3.02 min Scan# 72

Delta R.T. 0.00 min

Lab File: VL036098.D

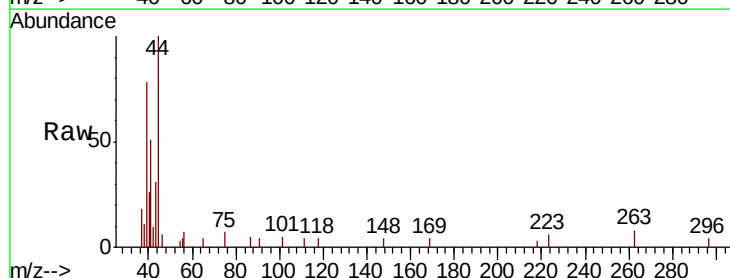
Acq: 8 Dec 2020 16:35

Tgt Ion: 41 Resp: 2220

Ion Ratio Lower Upper

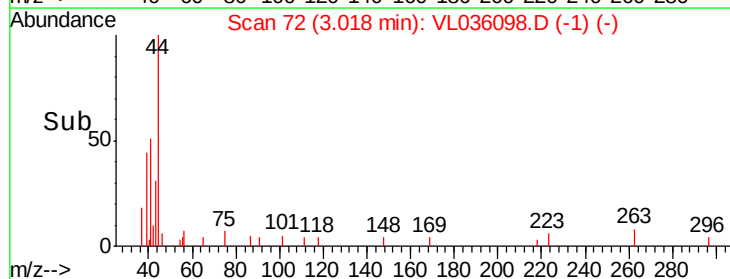
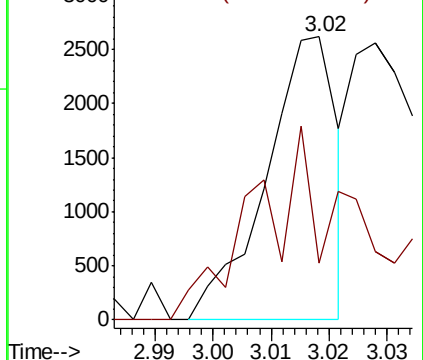
41 100

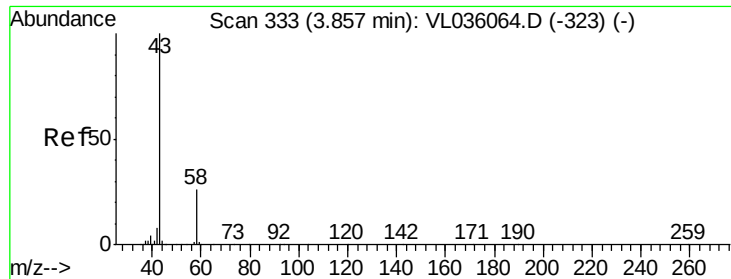
42 118.0 57.0 85.6#



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0





#15

Acetone

Concen: 0.110 ppbv

RT: 3.88 min Scan# 341

Delta R.T. 0.03 min

Lab File: VL036098.D

Acq: 8 Dec 2020 16:35

Instrument :

MSVOA_L

ClientSampleId :

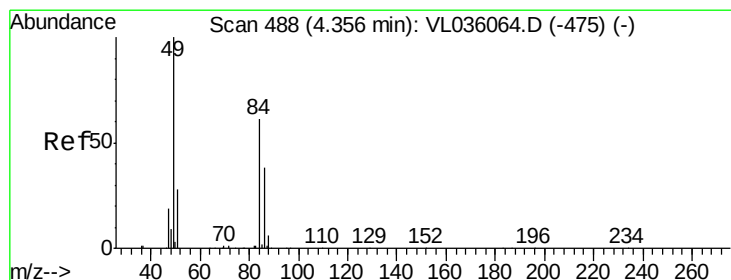
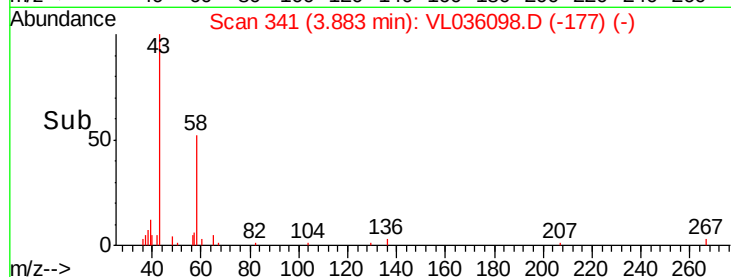
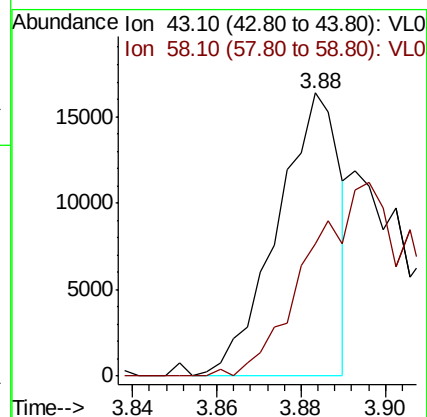
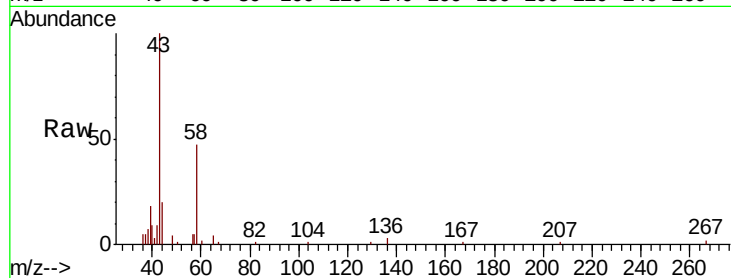
VL1208ABL01

Tot Ion: 43 Resp: 16860

Ion Ratio Lower Upper

43 100

58 0.0 20.9 31.3#



#20

Methylene Chloride

Concen: 0.049 ppbv

RT: 4.36 min Scan# 489

Delta R.T. 0.00 min

Lab File: VL036098.D

Acq: 8 Dec 2020 16:35

Tgt Ion: 84 Resp: 3071

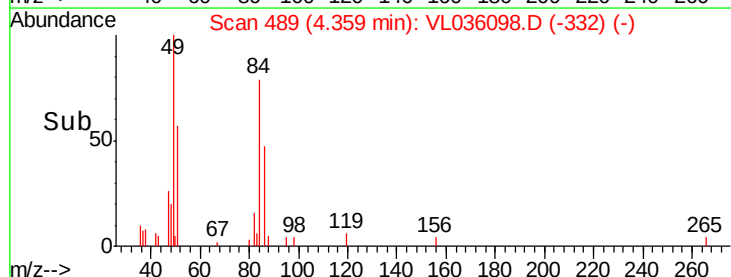
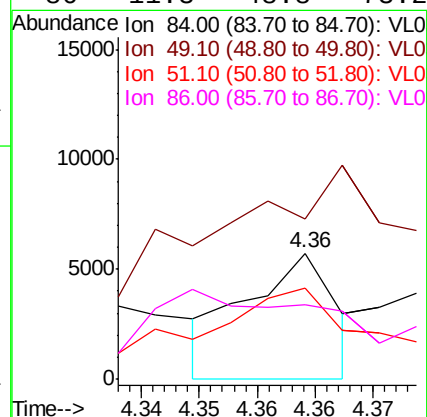
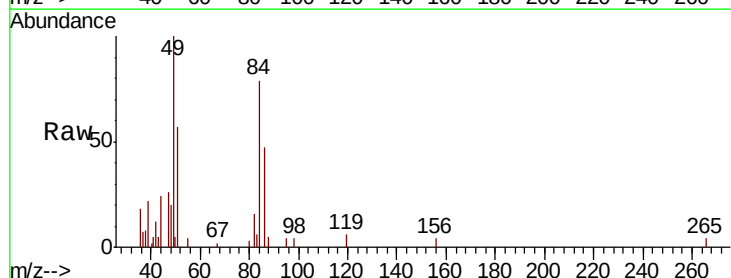
Ion Ratio Lower Upper

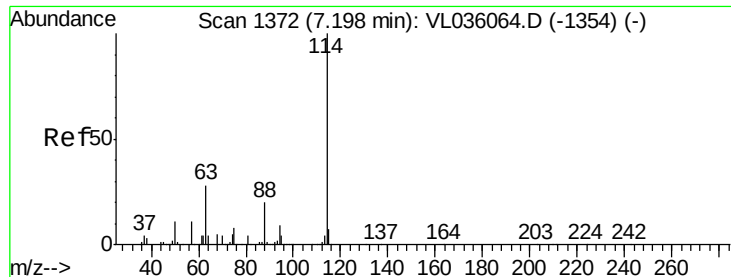
84 100

49 42.9 133.0 199.4#

51 84.5 38.9 58.3#

86 11.3 48.8 73.2#

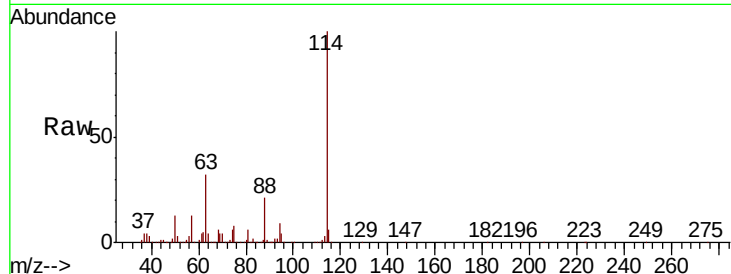




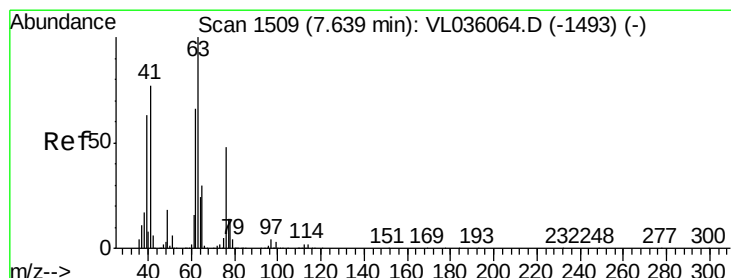
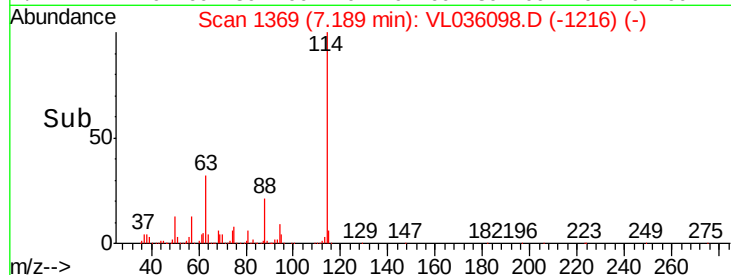
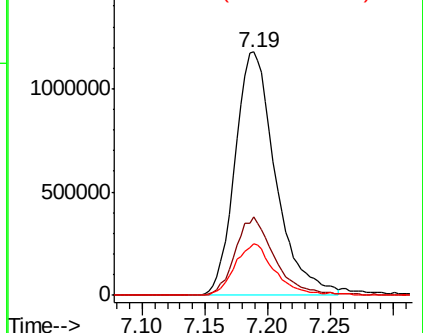
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.19 min Scan# 1369
 Delta R.T. -0.01 min
 Lab File: VL036098.D
 Acq: 8 Dec 2020 16:35

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1208ABL01

Tot Ion:114 Resp: 2651697
 Ion Ratio Lower Upper
 114 100
 63 31.6 23.6 35.4
 88 21.2 15.8 23.6

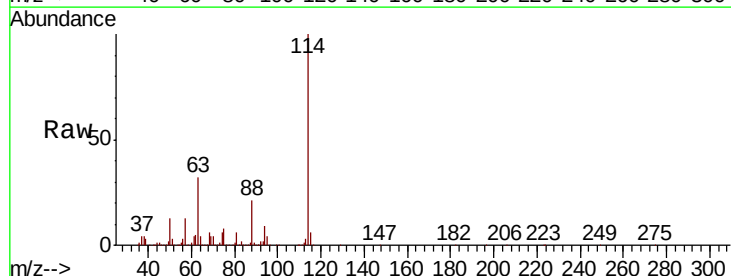


Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

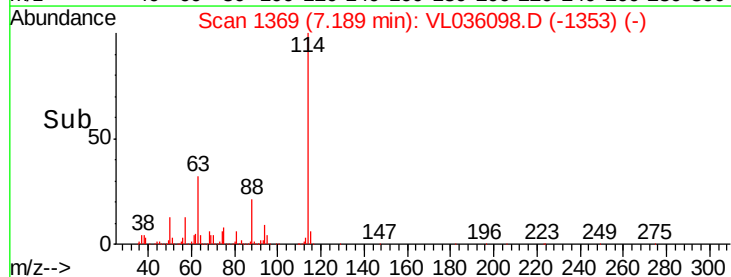
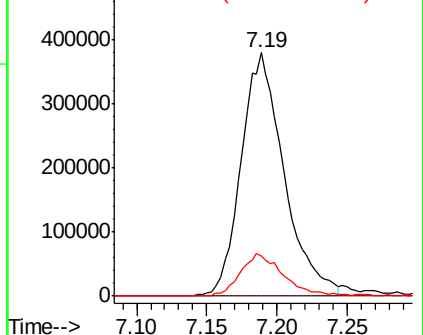


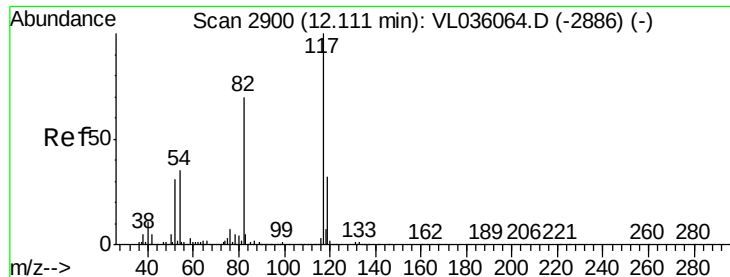
#39
 1,2-Dichloropropane
 Concen: 9.141 ppbv
 RT: 7.19 min Scan# 1369
 Delta R.T. -0.45 min
 Lab File: VL036098.D
 Acq: 8 Dec 2020 16:35

Tgt Ion: 63 Resp: 811217
 Ion Ratio Lower Upper
 63 100
 41 0.0 61.9 92.9#
 62 16.6 52.5 78.7#



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

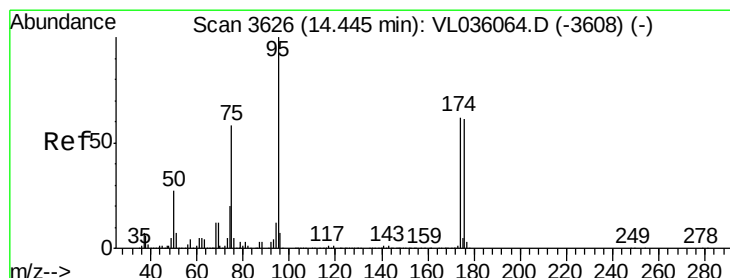
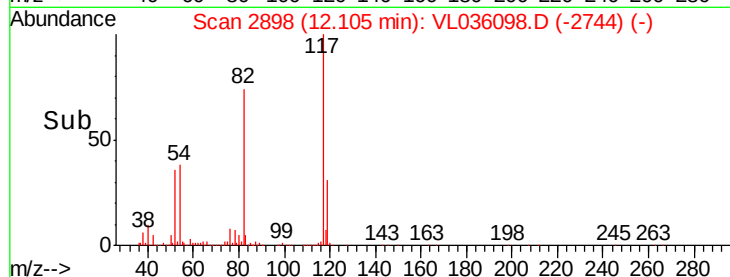
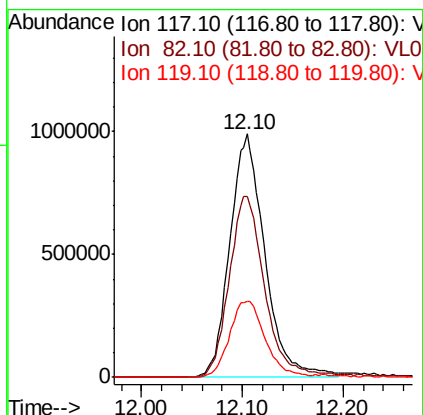
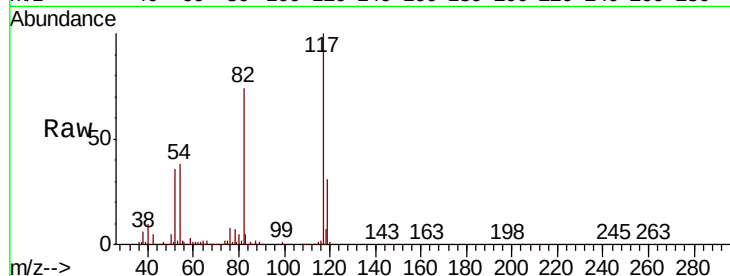




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2898
Delta R.T. -0.01 min
Lab File: VL036098.D
Acq: 8 Dec 2020 16:35

Instrument :
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VL1208ABL01

Tot Ion:117 Resp: 2380593
Ion Ratio Lower Upper
117 100
82 77.9 0.0 0.0#
119 33.2 0.0 0.0#



#68
1-Bromo-4-Fluorobenzene
Concen: 10.582 ppbv
RT: 14.43 min Scan# 3622
Delta R.T. -0.01 min
Lab File: VL036098.D
Acq: 8 Dec 2020 16:35

Tgt Ion: 95 Resp: 2000253
Ion Ratio Lower Upper
95 100
174 58.9 50.7 76.1
175 4.1 4.0 6.0

