

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL040221\
 Data File : VL036668.D
 Acq On : 3 Apr 2021 5:53
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Apr 03 07:30:33 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar 25 09:42:40 2021
 QLast Update : Thu Mar 25 09:42:40 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.64	49	1127548	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.15	114	3033360	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.06	117	2604203	10.00	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	2046558	9.86	ppbv	-0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.60%

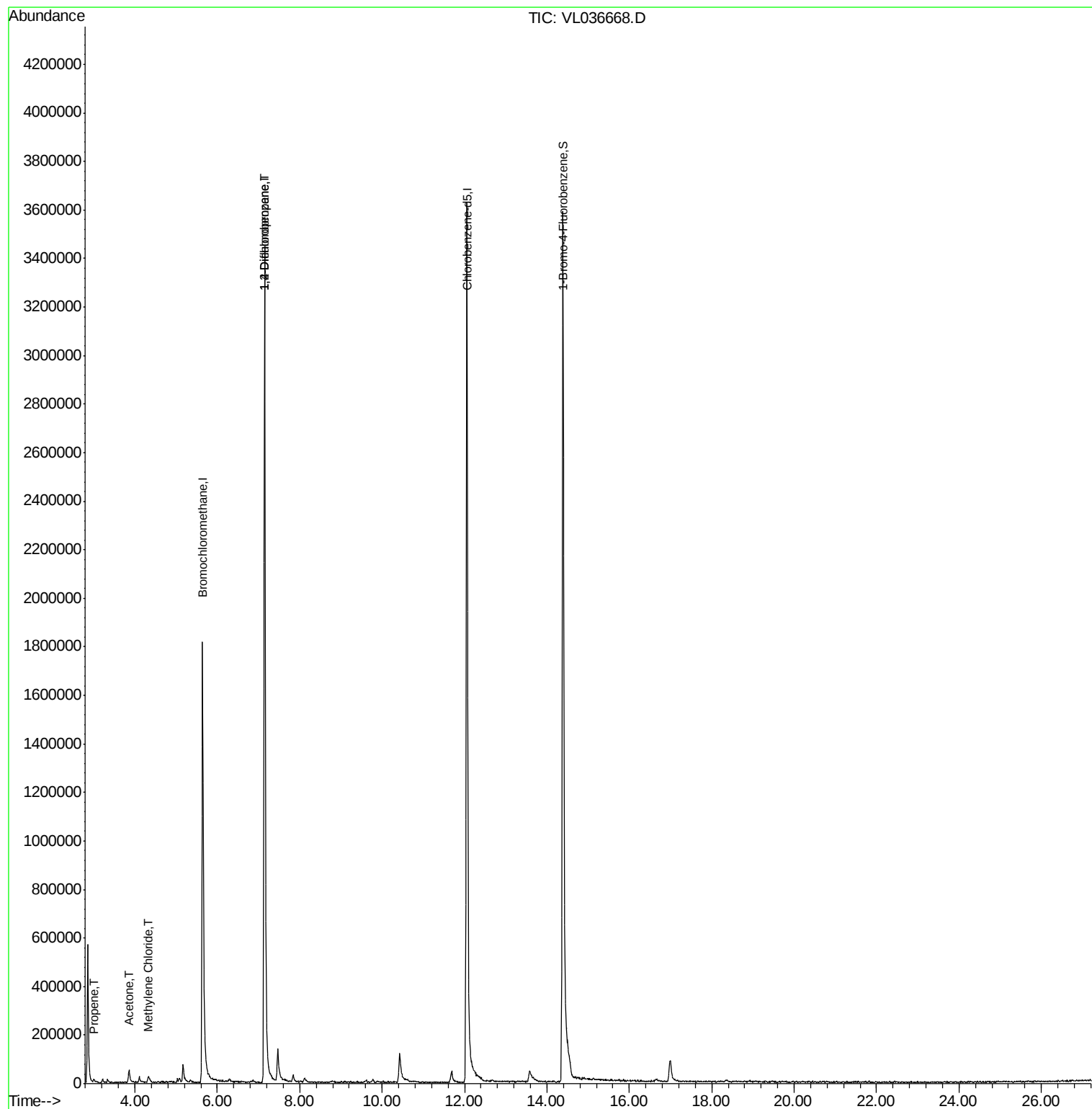
Target Compounds					Ovalue
9) Propene	3.00	41	3918	0.058 ppbv	91
15) Acetone	3.86	43	34428	0.310 ppbv #	45
20) Methylene Chloride	4.32	84	4283	0.082 ppbv #	92
39) 1,2-Dichloropropane	7.14	63	779619	6.870 ppbv #	24

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

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.64 min Scan# 887

Delta R.T. -0.03 min

Lab File: VL036668.D

Acq: 3 Apr 2021 5:53

Instrument :

MSVOA_L

ClientSampleId :

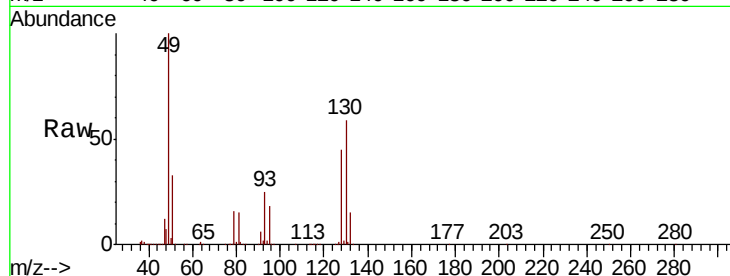
Tot Ion: 49 Resp: 1127548

Ion Ratio Lower Upper

49 100

128 50.4 23.5 70.6

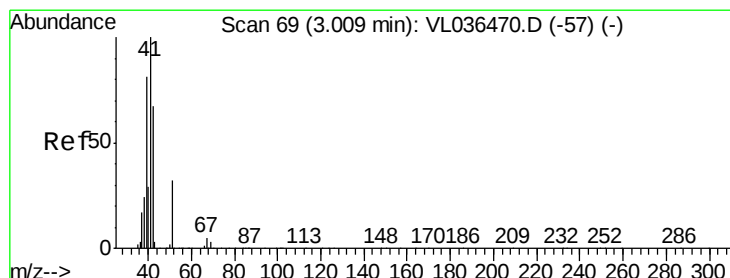
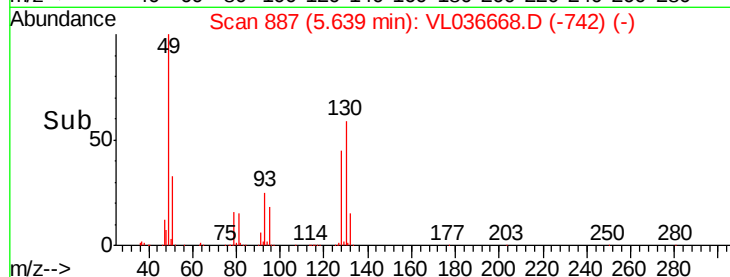
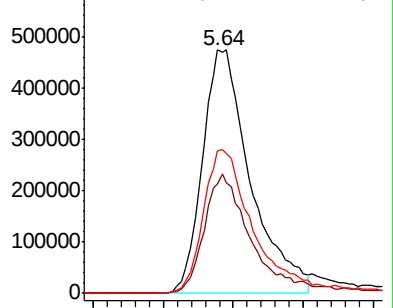
130 64.7 29.1 87.4



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: 0.058 ppbv

RT: 3.00 min Scan# 66

Delta R.T. -0.01 min

Lab File: VL036668.D

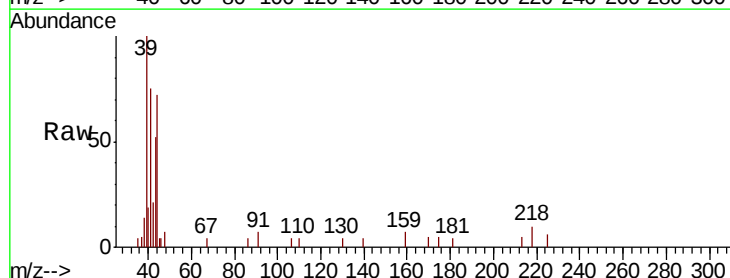
Acq: 3 Apr 2021 5:53

Tgt Ion: 41 Resp: 3918

Ion Ratio Lower Upper

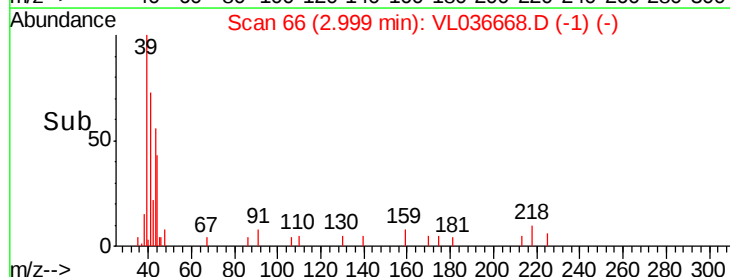
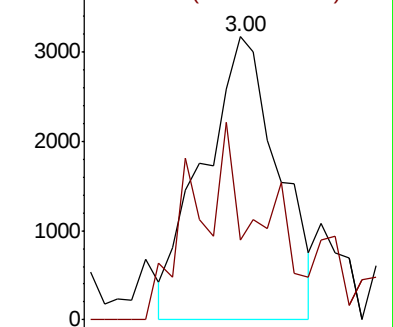
41 100

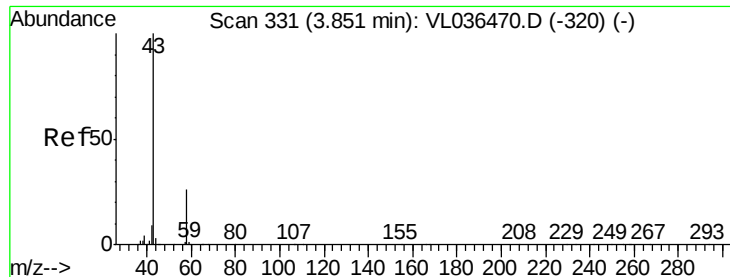
42 78.4 57.0 85.4



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0





#15

Acetone

Concen: 0.310 ppbv

RT: 3.86 min Scan# 334

Delta R.T. 0.01 min

Lab File: VL036668.D

Acq: 3 Apr 2021 5:53

Instrument :

MSVOA_L

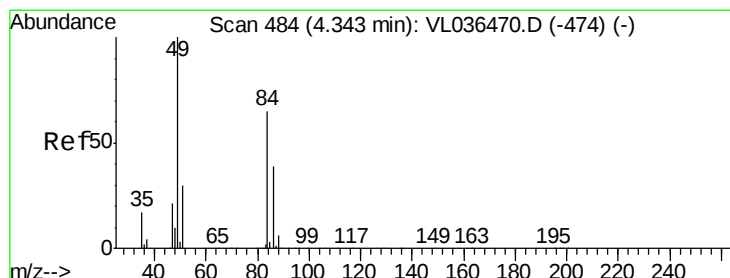
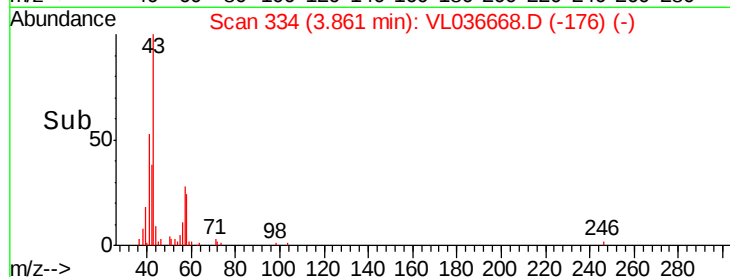
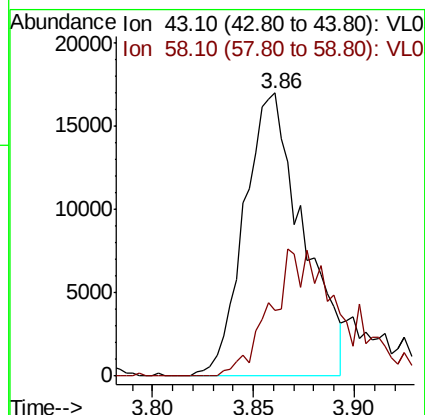
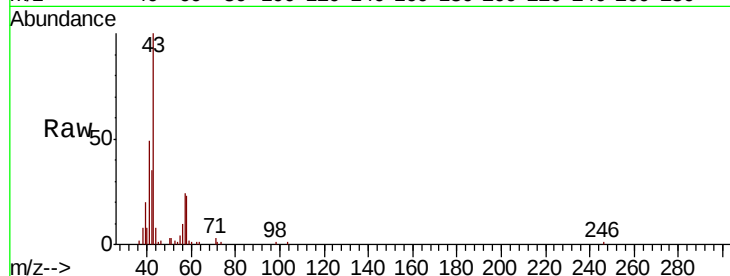
ClientSampleId :

Tot Ion: 43 Resp: 34428

Ion Ratio Lower Upper

43 100

58 54.7 21.2 31.8#



#20

Methylene Chloride

Concen: 0.082 ppbv

RT: 4.32 min Scan# 476

Delta R.T. -0.03 min

Lab File: VL036668.D

Acq: 3 Apr 2021 5:53

Tgt Ion: 84 Resp: 4283

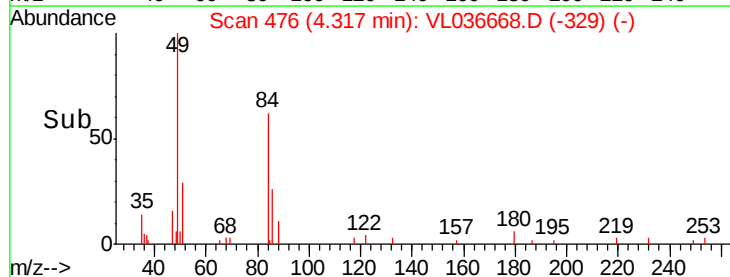
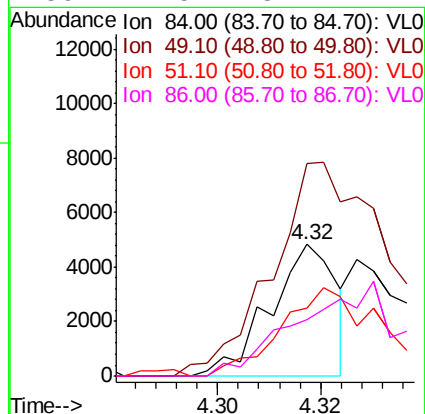
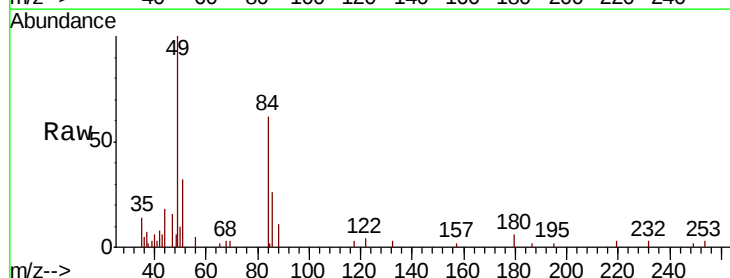
Ion Ratio Lower Upper

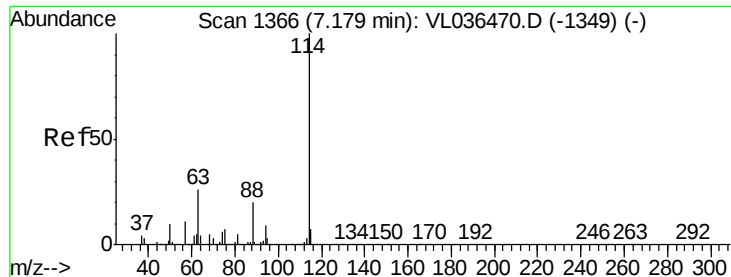
84 100

49 151.8 122.9 184.3

51 51.4 36.9 55.3

86 42.5 48.2 72.4#

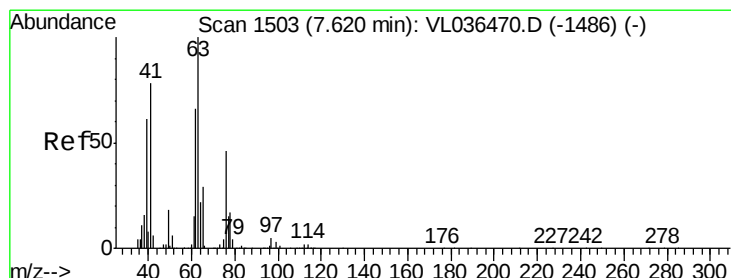
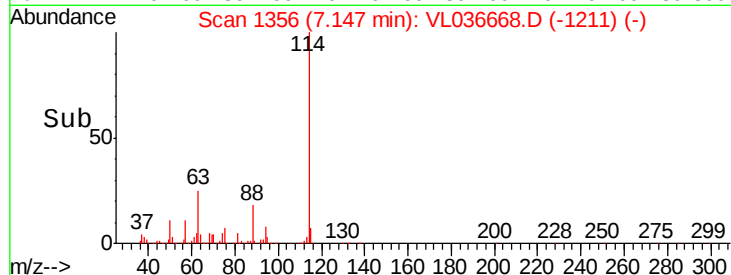
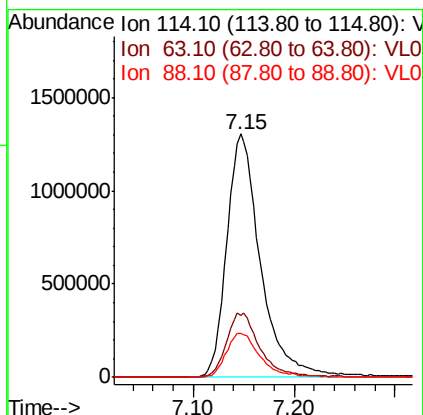
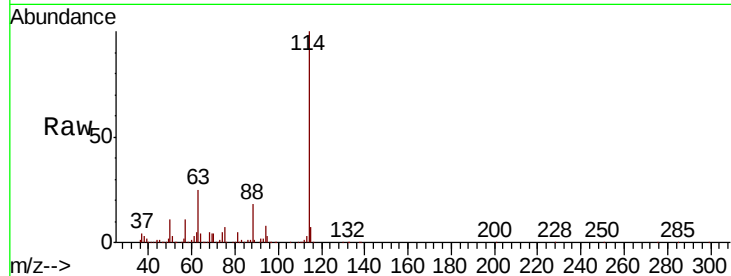




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.15 min Scan# 1356
 Delta R.T. -0.03 min
 Lab File: VL036668.D
 Acq: 3 Apr 2021 5:53

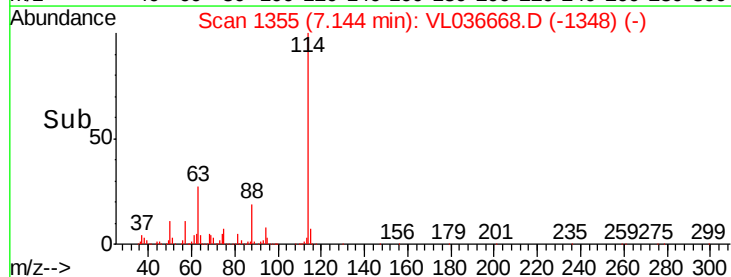
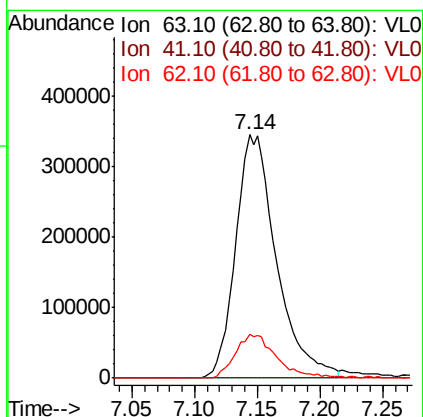
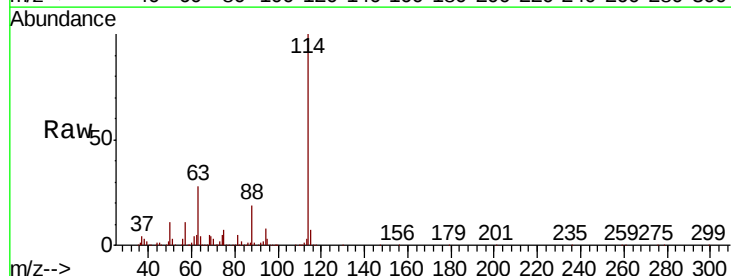
Instrument :
 MSVOA_L
 ClientSampleId :

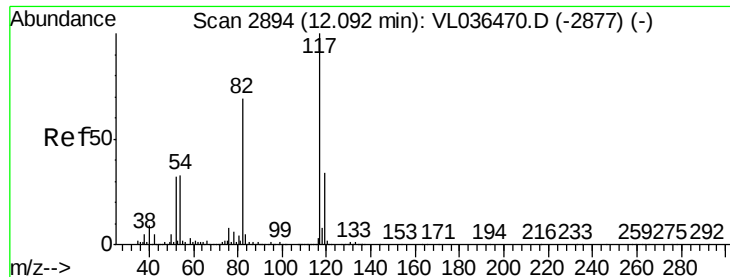
Tot Ion:114 Resp: 3033360
 Ion Ratio Lower Upper
 114 100
 63 26.7 22.4 33.6
 88 18.8 15.4 23.0



#39
 1,2-Dichloropropane
 Concen: 6.870 ppbv
 RT: 7.14 min Scan# 1355
 Delta R.T. -0.48 min
 Lab File: VL036668.D
 Acq: 3 Apr 2021 5:53

Tgt Ion: 63 Resp: 779619
 Ion Ratio Lower Upper
 63 100
 41 0.0 62.4 93.6#
 62 17.8 52.8 79.2#

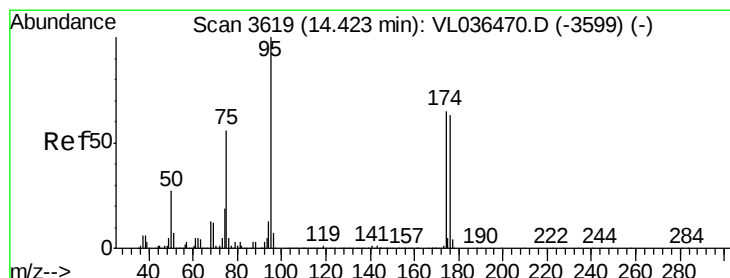
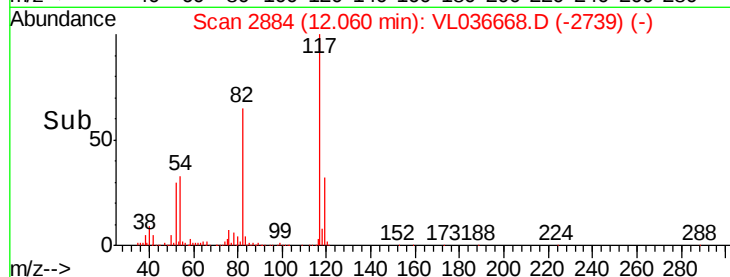
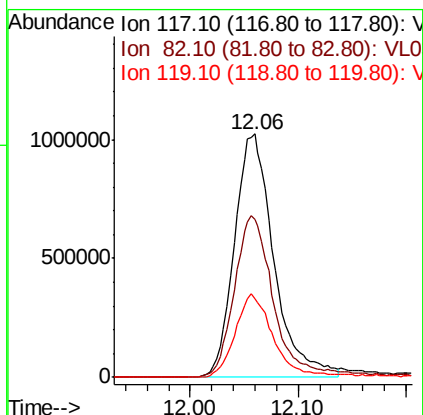
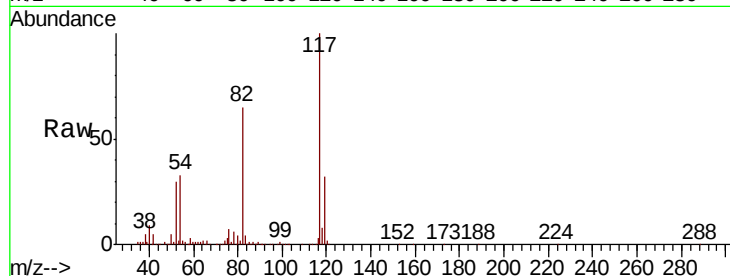




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.06 min Scan# 2884
Delta R.T. -0.03 min
Lab File: VL036668.D
Acq: 3 Apr 2021 5:53

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion:117 Resp: 2604203
Ion Ratio Lower Upper
117 100
82 69.6 57.4 86.0
119 33.9 47.4 71.0#



#68
1-Bromo-4-Fluorobenzene
Concen: 9.860 ppbv
RT: 14.39 min Scan# 3608
Delta R.T. -0.04 min
Lab File: VL036668.D
Acq: 3 Apr 2021 5:53

Tgt Ion: 95 Resp: 2046558
Ion Ratio Lower Upper
95 100
174 73.1 51.0 76.6
175 5.0 3.9 5.9

