

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL040821\
 Data File : VL036755.D
 Acq On : 8 Apr 2021 18:02
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Quant Time: Apr 09 08:40:09 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	5.66	49	1395174	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3462156	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	2722019	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	1539073	7.09	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	70.90%

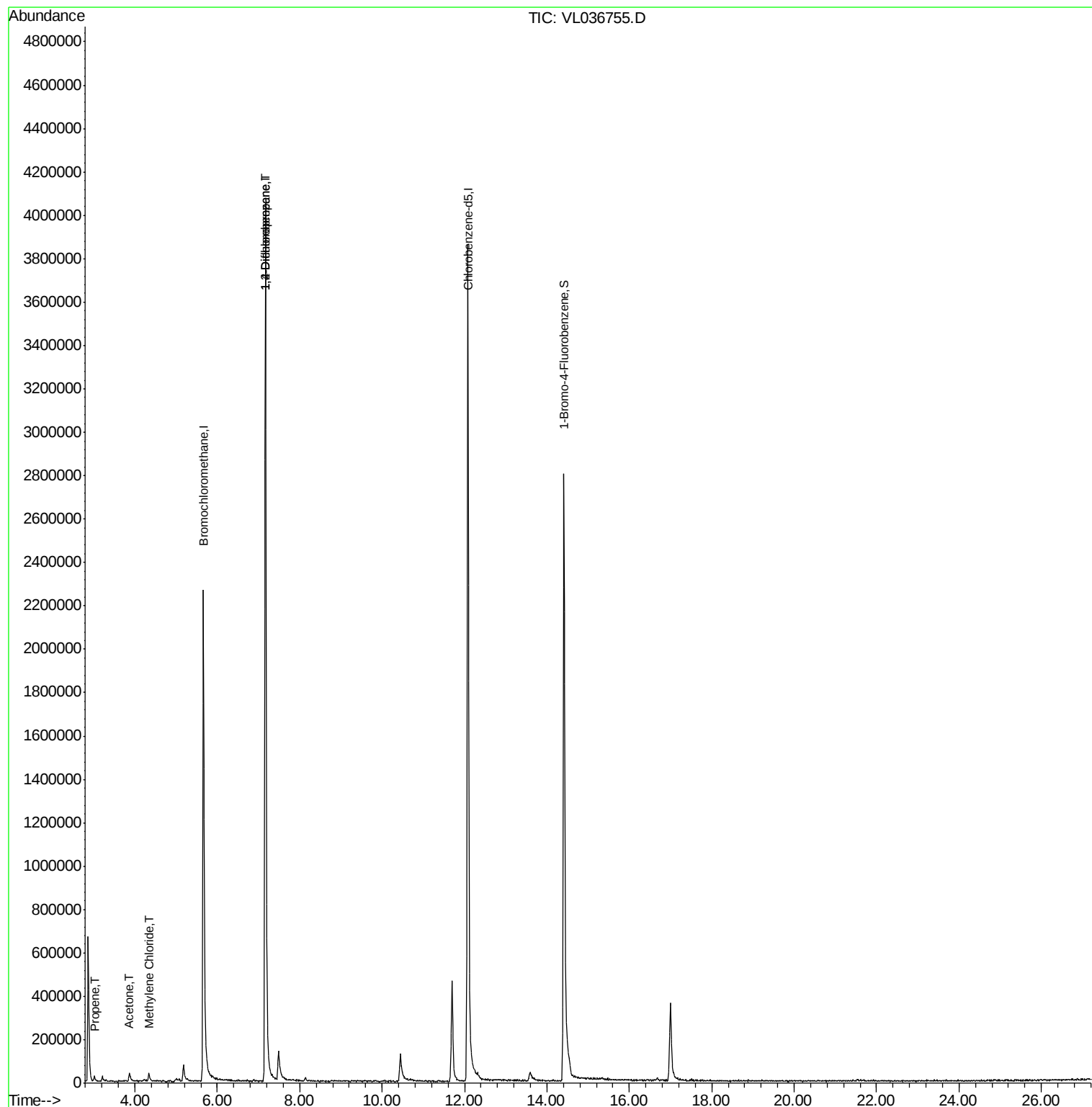
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.01	41	5525	0.066	ppbv #	14
15) Acetone	3.85	43	15887	0.116	ppbv #	48
20) Methylene Chloride	4.34	84	4476	0.070	ppbv #	74
39) 1,2-Dichloropropane	7.17	63	910567	7.030	ppbv #	25

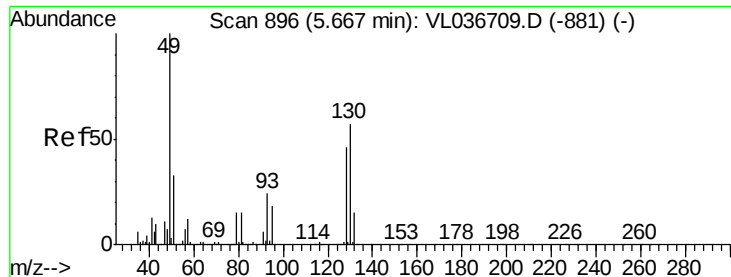
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 894

Delta R.T. -0.01 min

Lab File: VL036755.D

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Instrument :

MSVOA_L

ClientSampleId :

VIBLK

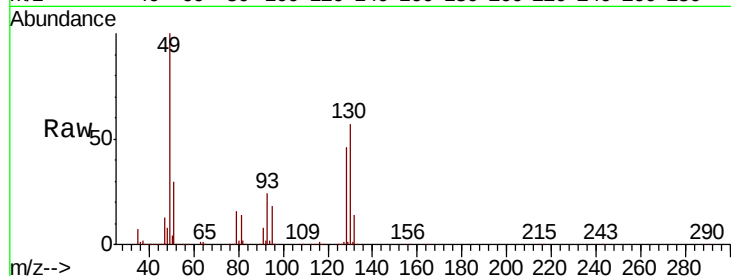
Tot Ion: 49 Resp: 1395174

Ion Ratio Lower Upper

49 100

128 47.0 23.5 70.6

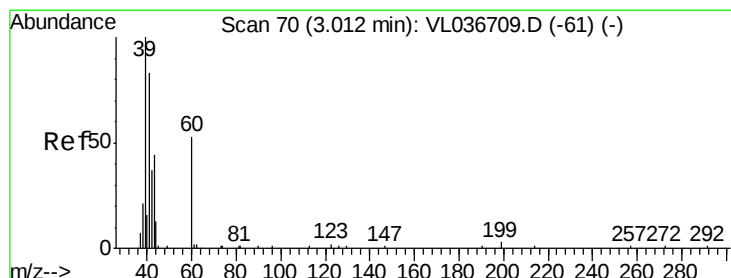
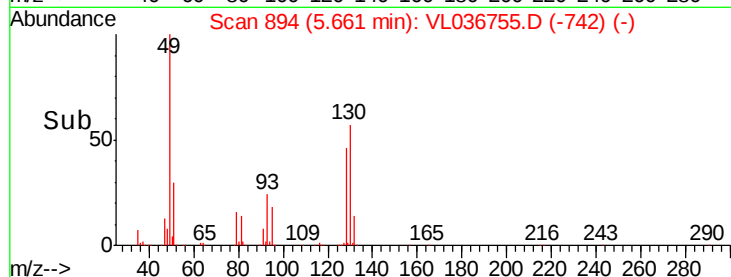
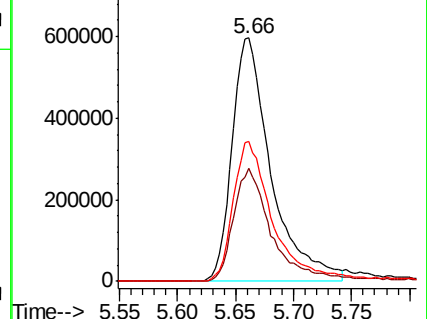
130 60.2 29.1 87.4



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: 0.066 ppbv

RT: 3.01 min Scan# 70

Delta R.T. 0.00 min

Lab File: VL036755.D

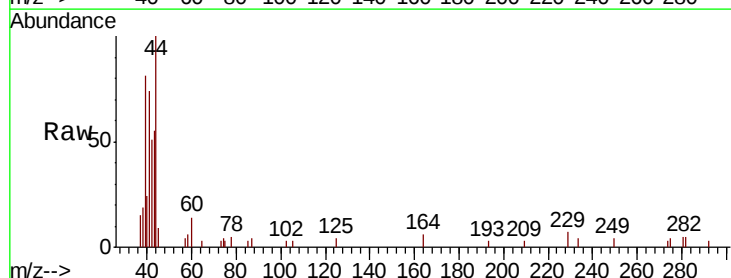
Acq: 8 Apr 2021 18:02

Tgt Ion: 41 Resp: 5525

Ion Ratio Lower Upper

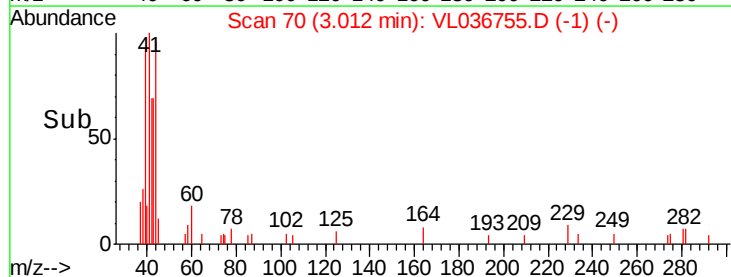
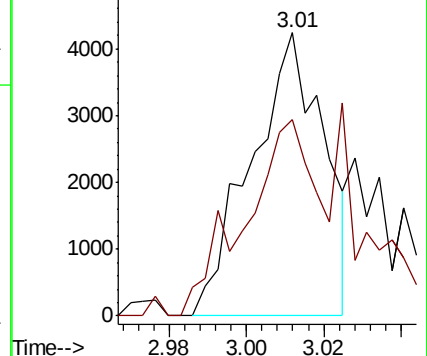
41 100

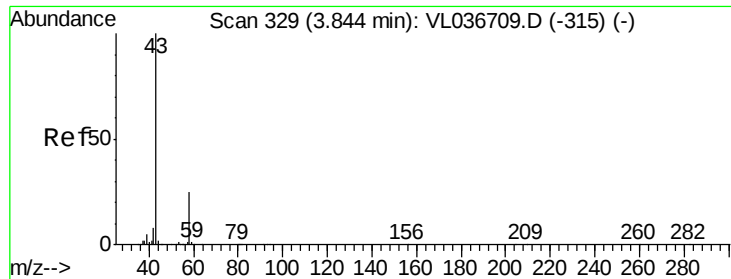
42 0.0 57.0 85.4#



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0





#15

Acetone

Concen: 0.116 ppbv

RT: 3.85 min Scan# 332

Delta R.T. 0.00 min

Lab File: VL036755.D

Acq: 8 Apr 2021 18:02

Instrument :

MSVOA_L

ClientSampled :

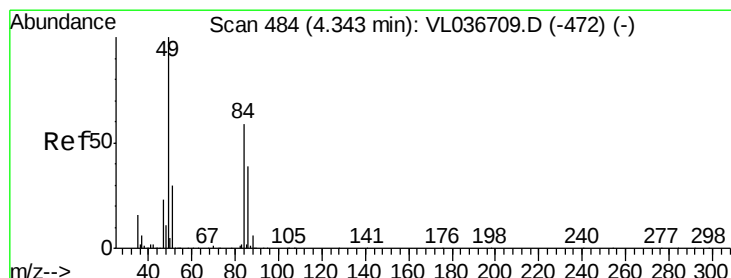
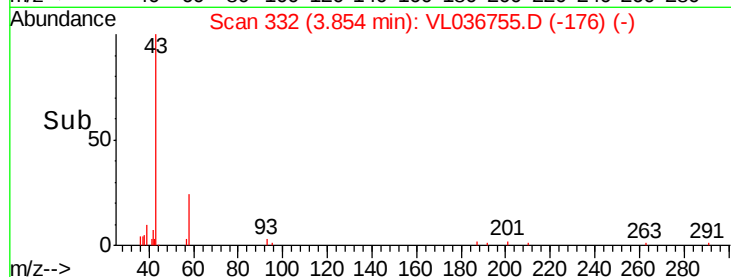
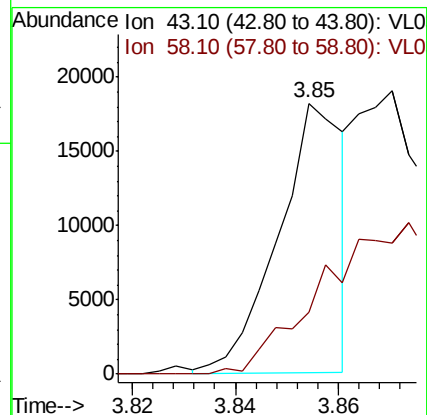
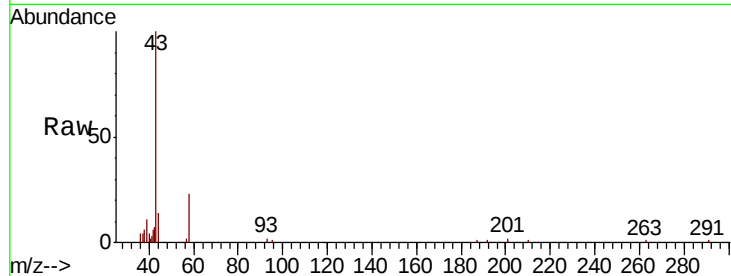
VIBLK

Tot Ion: 43 Resp: 15887

Ion Ratio Lower Upper

43 100

58 0.0 21.2 31.8#



#20

Methylene Chloride

Concen: 0.070 ppbv

RT: 4.34 min Scan# 483

Delta R.T. -0.00 min

Lab File: VL036755.D

Acq: 8 Apr 2021 18:02

Tgt Ion: 84 Resp: 4476

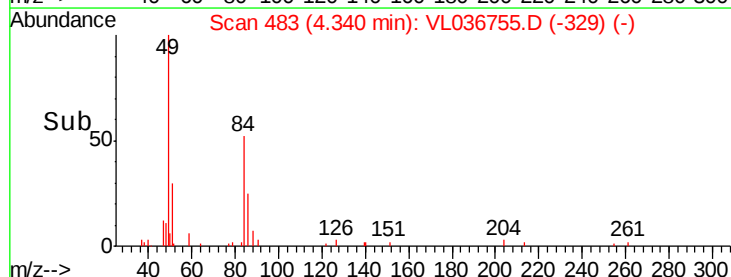
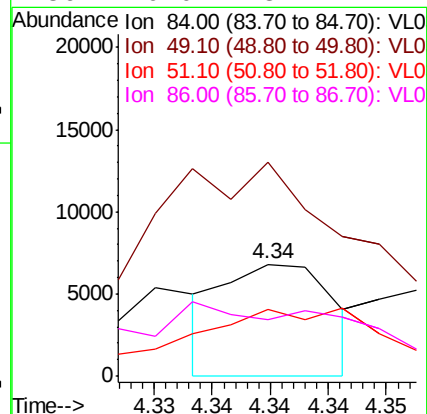
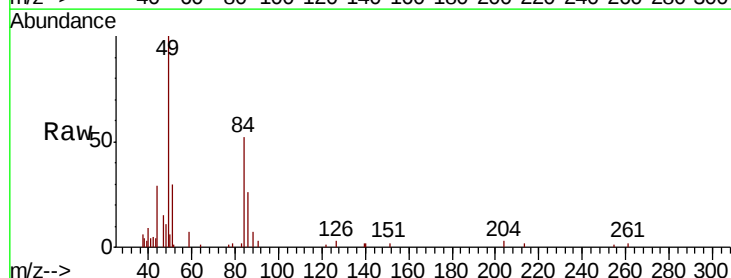
Ion Ratio Lower Upper

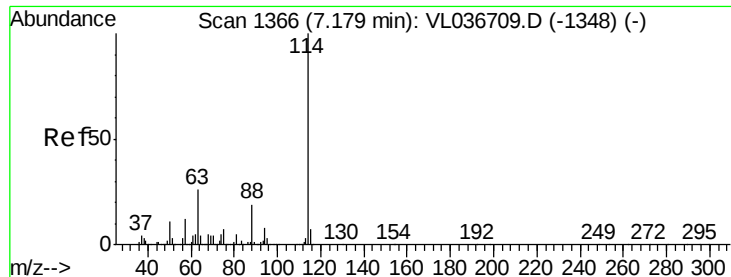
84 100

49 165.7 122.9 184.3

51 53.9 36.9 55.3

86 0.0 48.2 72.4#

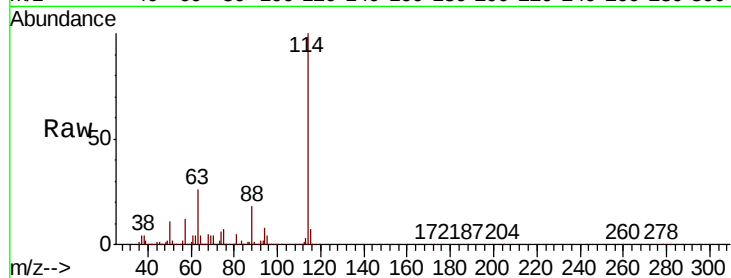




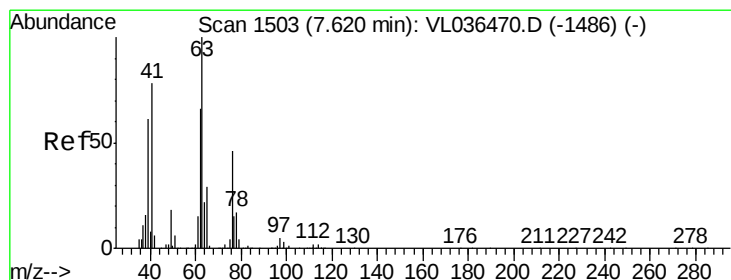
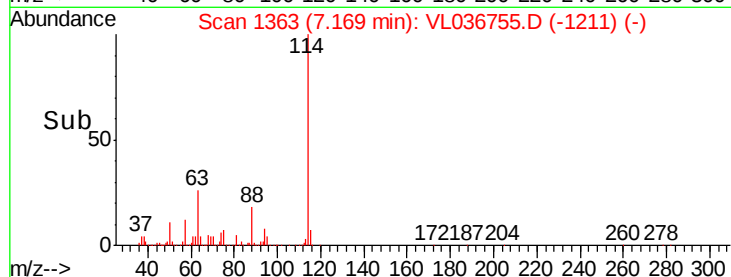
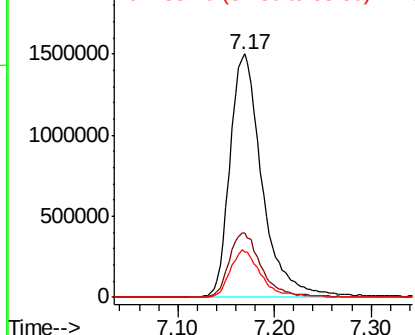
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17 min Scan# 1363
 Delta R.T. -0.01 min
 Lab File: VL036755.D
 Acq: 8 Apr 2021 18:02

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Tot Ion:114 Resp: 3462156
 Ion Ratio Lower Upper
 114 100
 63 27.2 22.4 33.6
 88 19.0 15.4 23.0

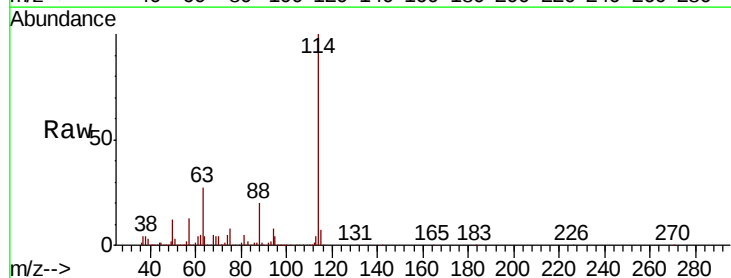


Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

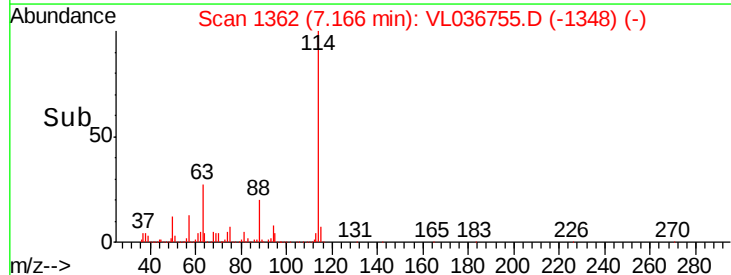
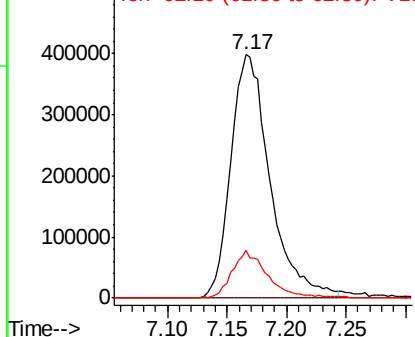


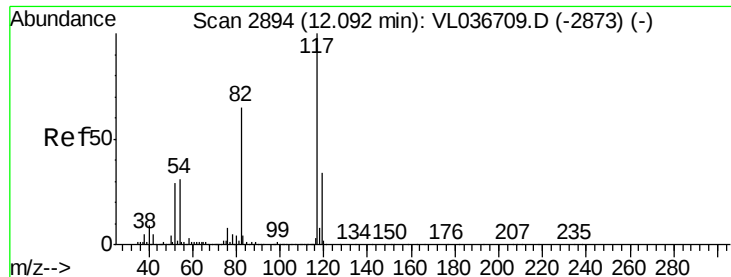
#39
 1,2-Dichloropropane
 Concen: 7.030 ppbv
 RT: 7.17 min Scan# 1362
 Delta R.T. -0.45 min
 Lab File: VL036755.D
 Acq: 8 Apr 2021 18:02

Tgt Ion: 63 Resp: 910567
 Ion Ratio Lower Upper
 63 100
 41 0.0 62.4 93.6#
 62 19.4 52.8 79.2#



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

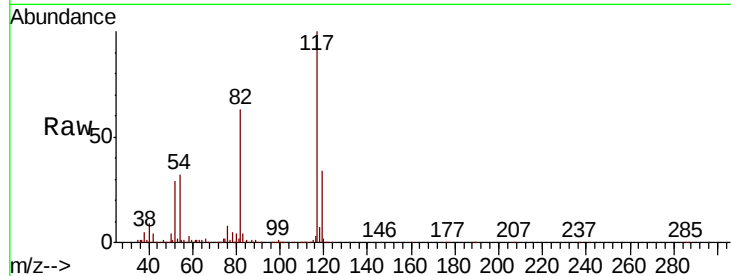




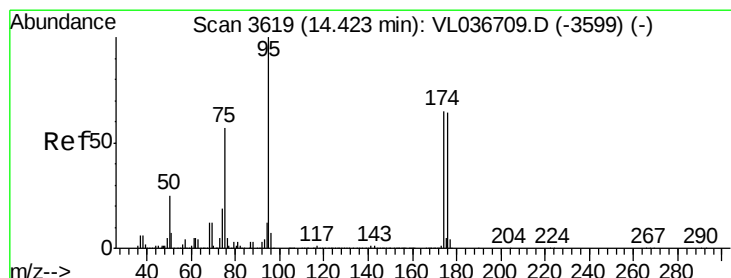
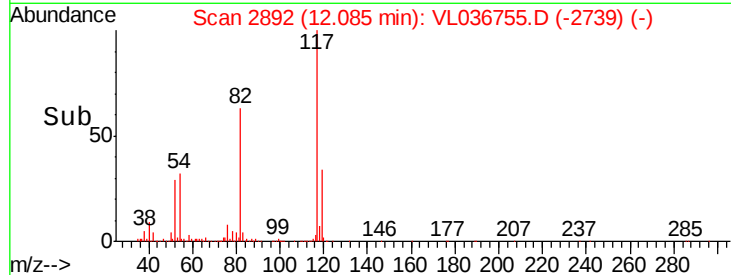
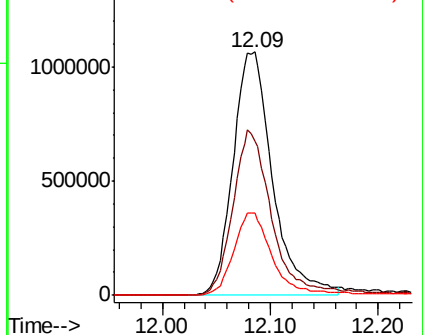
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min Scan# 2892
Delta R.T. -0.01 min
Lab File: VL036755.D
Acq: 8 Apr 2021 18:02

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tot Ion:117 Resp: 2722019
Ion Ratio Lower Upper
117 100
82 69.4 57.4 86.0
119 34.5 47.4 71.0#

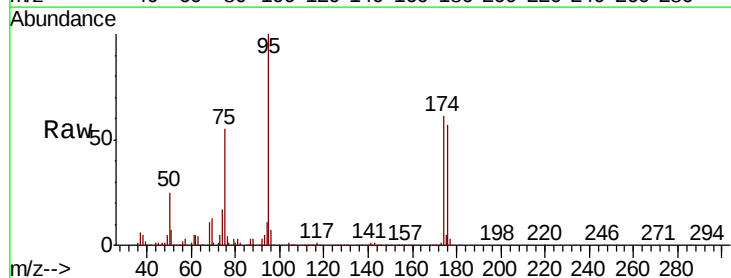


Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): VL0
Ion 119.10 (118.80 to 119.80): V



#68
1-Bromo-4-Fluorobenzene
Concen: 7.094 ppbv
RT: 14.41 min Scan# 3616
Delta R.T. -0.01 min
Lab File: VL036755.D
Acq: 8 Apr 2021 18:02

Tgt Ion: 95 Resp: 1539073
Ion Ratio Lower Upper
95 100
174 70.8 51.0 76.6
175 5.1 3.9 5.9



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

