

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL091720\
Quantitation Report (Not Reviewed)

Data File : VL035675.D
Acq On : 18 Sep 2020 3:03
Operator : SY/AP
Sample : VIBLK
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Quant Time: Sep 18 05:39:15 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL082720AIR.M
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Mon Sep 14 15:19:50 2020
QLast Update : Mon Sep 14 15:19:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1128297	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	4471883	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	4374548	10.00	ppbv	0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	3165822	10.19	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.90%

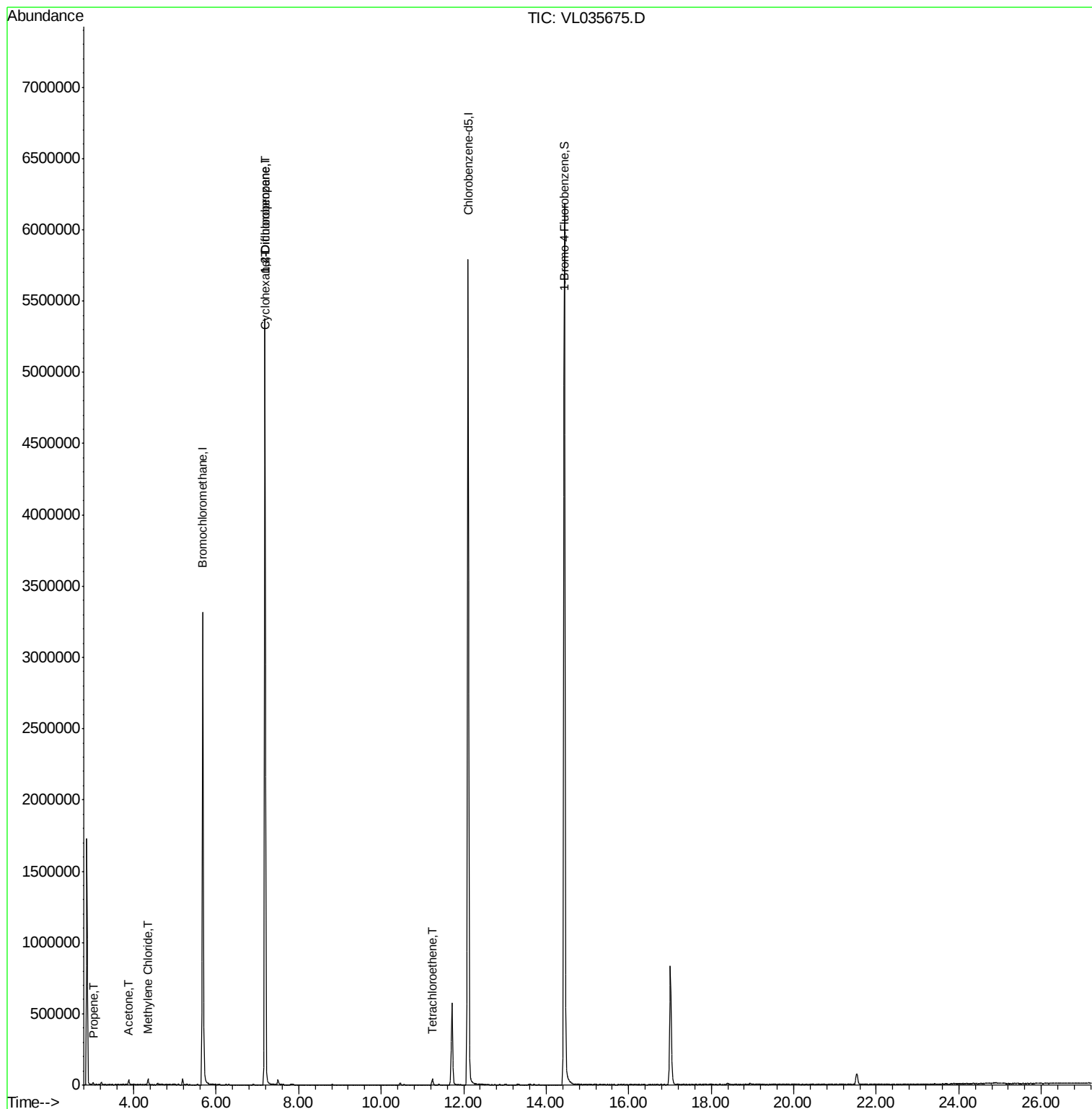
Target Compounds						Qvalue
9) Propene	3.01	41	3097	0.064	ppbv	94
15) Acetone	3.88	43	26546	0.213	ppbv #	47
20) Methylene Chloride	4.35	84	18144	0.196	ppbv	91
30) Cyclohexane	7.17	84	5205	0.039	ppbv #	9
39) 1,2-Dichloropropane	7.18	63	853859	8.732	ppbv #	31
52) Tetrachloroethene	11.24	164	6060	0.036	ppbv	95

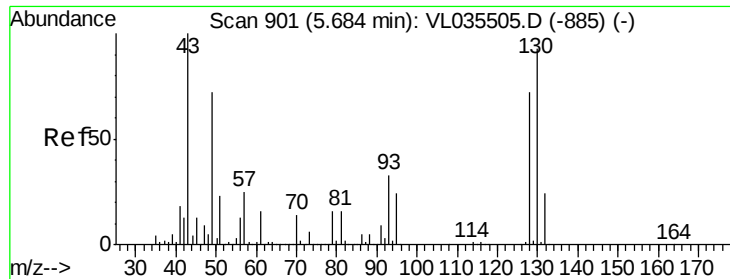
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 min Scan# 897

Delta R.T. 0.01 min

Lab File: VL035675.D

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MSVOA_L

ClientSampleId :

VIBLK

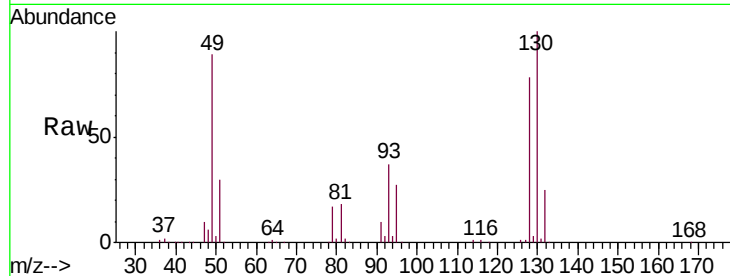
Tgt Ion: 49 Resp: 1128297

Ion Ratio Lower Upper

49 100

128 88.8 50.0 150.1

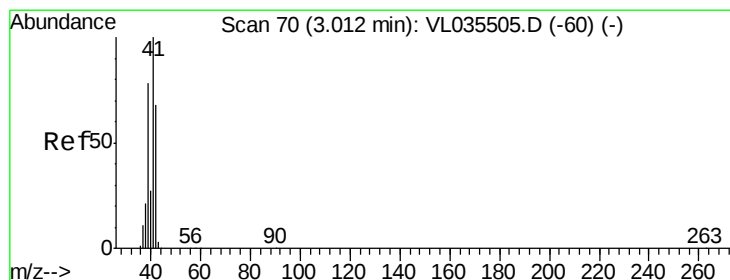
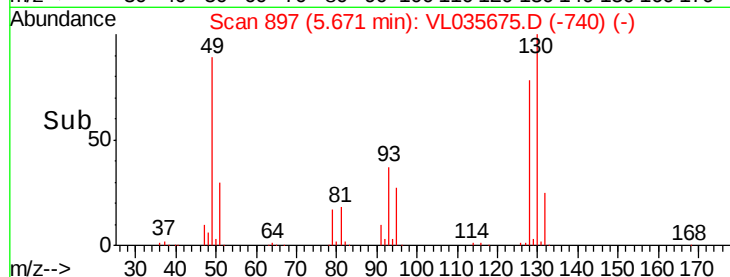
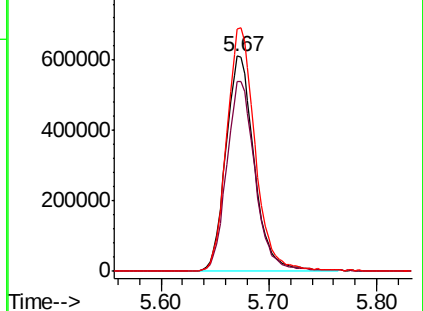
130 113.5 64.4 193.2



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: 0.064 ppbv

RT: 3.01 min Scan# 71

Delta R.T. 0.02 min

Lab File: VL035675.D

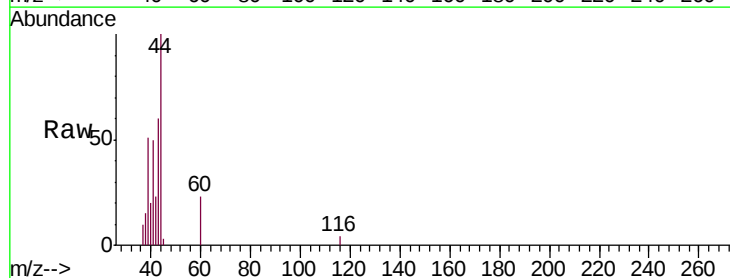
Acq: 18 Sep 2020 3:03

Tgt Ion: 41 Resp: 3097

Ion Ratio Lower Upper

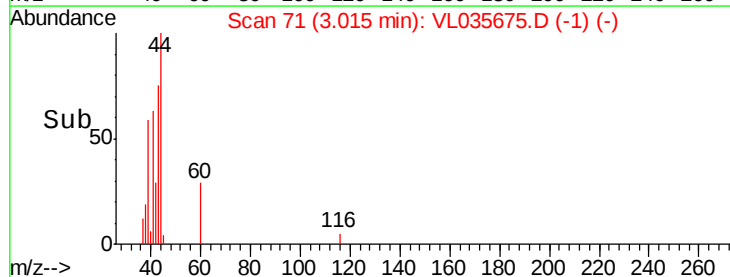
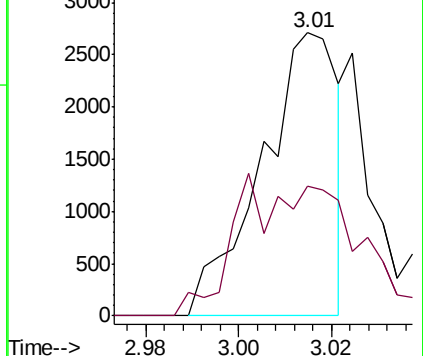
41 100

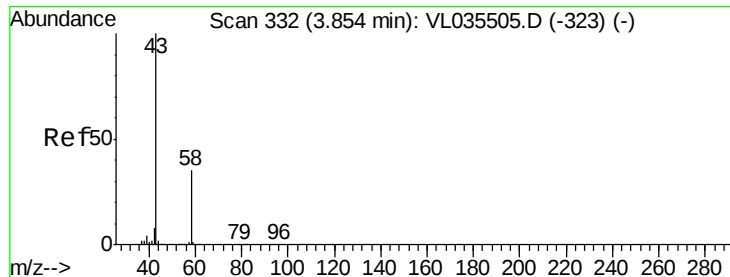
42 75.7 56.3 84.5



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0





#15

Acetone

Concen: 0.213 ppbv

RT: 3.88 min Scan# 339

Delta R.T. 0.04 min

Lab File: VL035675.D

Acq: 18 Sep 2020 3:03

Instrument :

MSVOA_L

ClientSampleId :

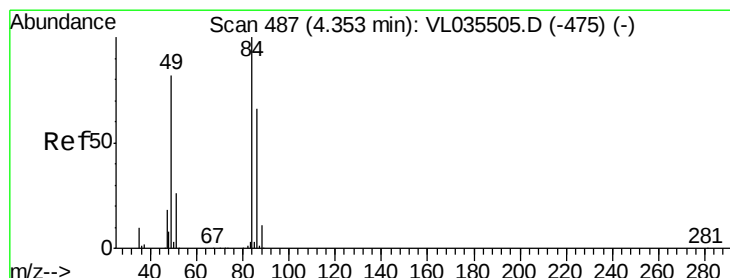
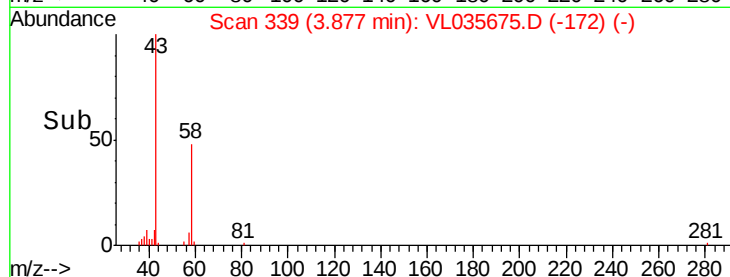
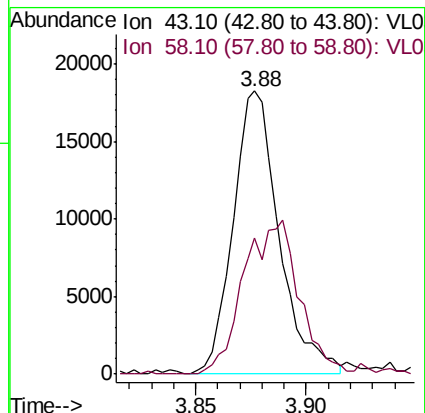
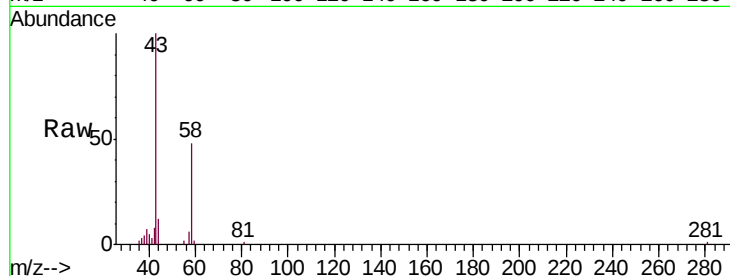
VIBLK

Tgt Ion: 43 Resp: 26546

Ion Ratio Lower Upper

43 100

58 66.7 28.4 42.6#



#20

Methylene Chloride

Concen: 0.196 ppbv

RT: 4.35 min Scan# 485

Delta R.T. 0.01 min

Lab File: VL035675.D

Acq: 18 Sep 2020 3:03

Tgt Ion: 84 Resp: 18144

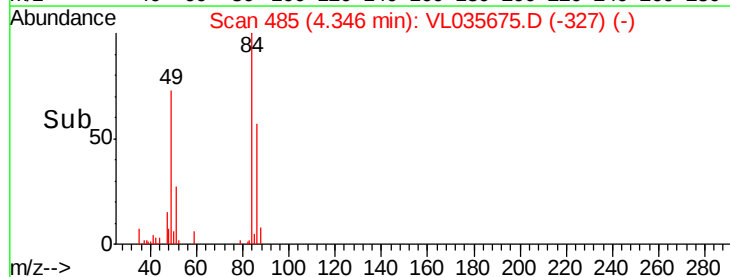
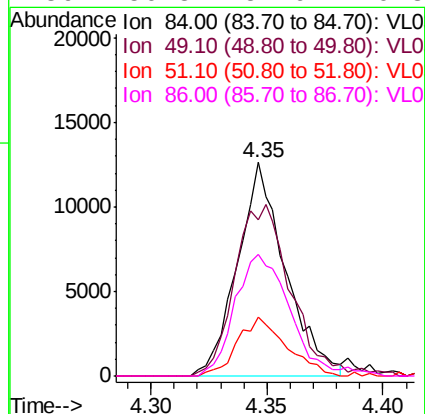
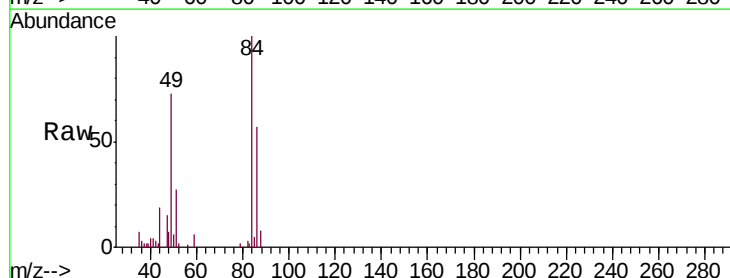
Ion Ratio Lower Upper

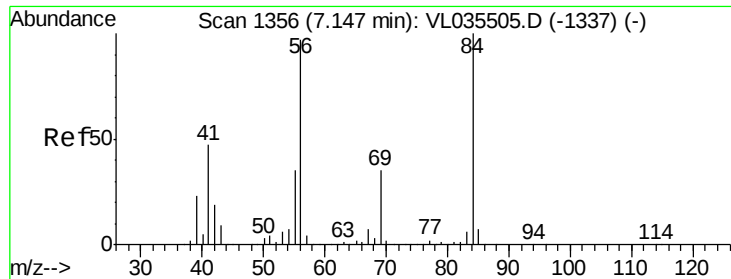
84 100

49 72.9 65.4 98.0

51 27.3 21.5 32.3

86 56.8 52.9 79.3

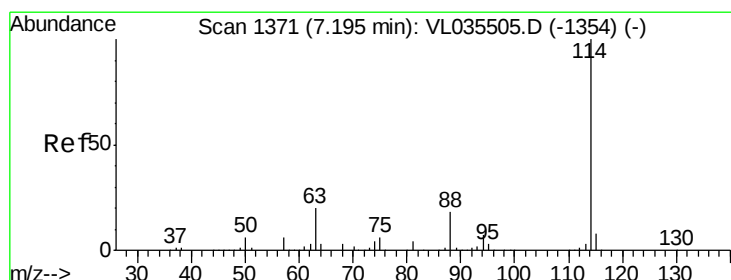
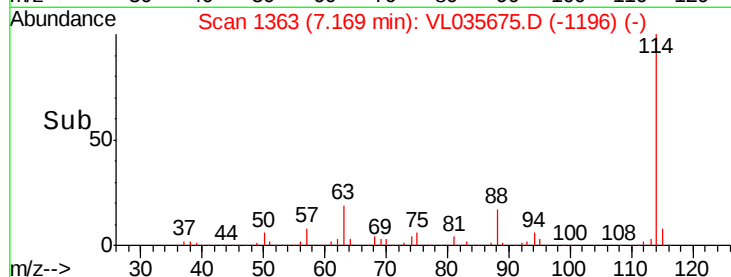
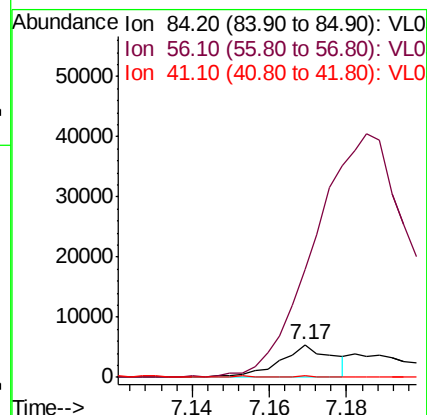
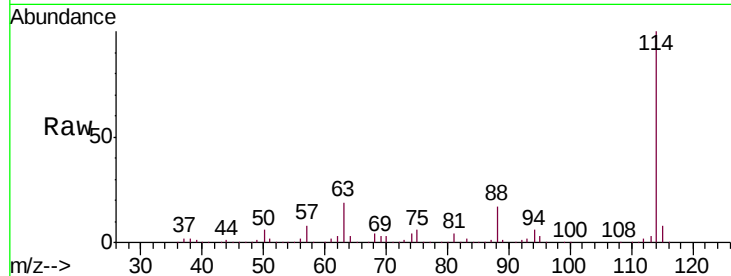




#30
Cyclohexane
Concen: 0.039 ppbv
RT: 7.17 min Scan# 1363
Delta R.T. 0.04 min
Lab File: VL035675.D
Acq: 18 Sep 2020 3:03

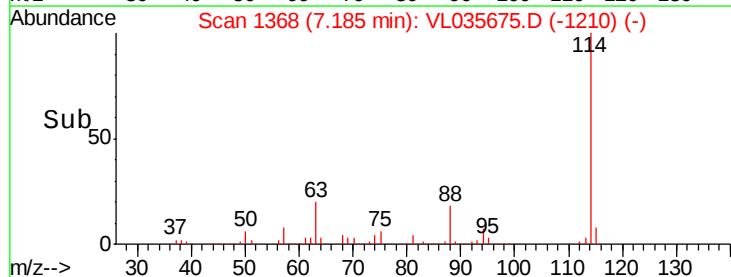
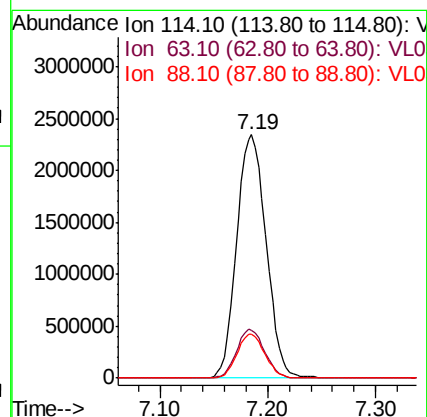
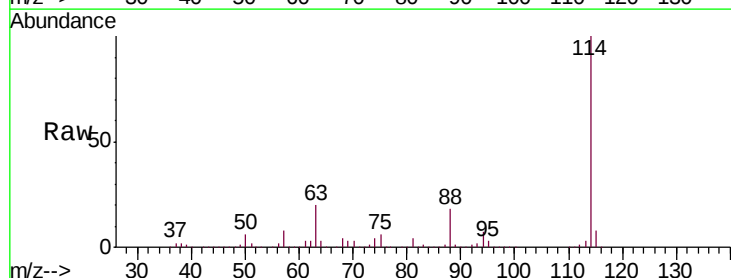
Instrument :
MSVOA_L
ClientSampleID :
VIBLK

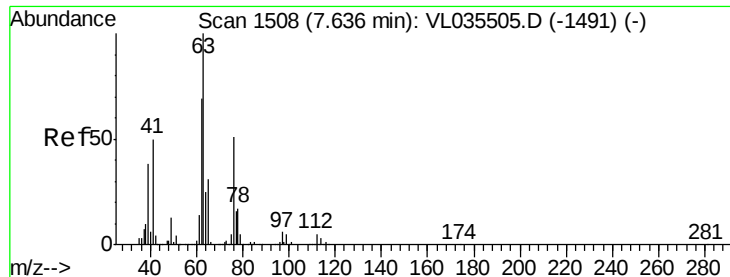
Tgt Ion: 84 Resp: 5205
Ion Ratio Lower Upper
84 100
56 0.0 80.1 120.1#
41 0.0 38.1 57.1#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.19 min Scan# 1368
Delta R.T. 0.01 min
Lab File: VL035675.D
Acq: 18 Sep 2020 3:03

Tgt Ion: 114 Resp: 4471883
Ion Ratio Lower Upper
114 100
63 19.1 14.7 22.1
88 17.2 13.4 20.2





#39

1,2-Dichloropropane

Concen: 8.732 ppbv

RT: 7.18 min Scan# 1367

Delta R.T. -0.43 min

Lab File: VL035675.D

Acq: 18 Sep 2020 3:03

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

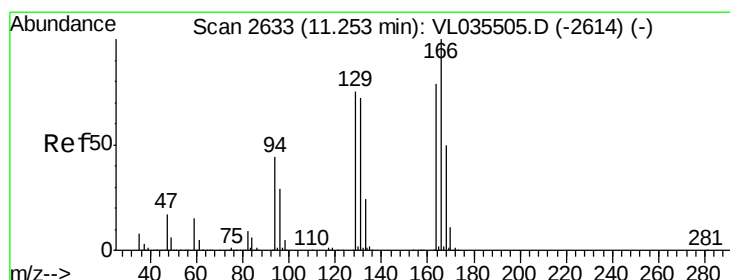
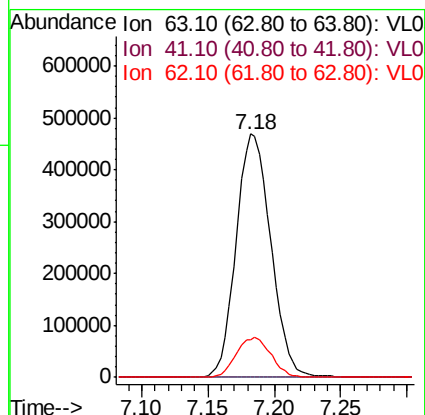
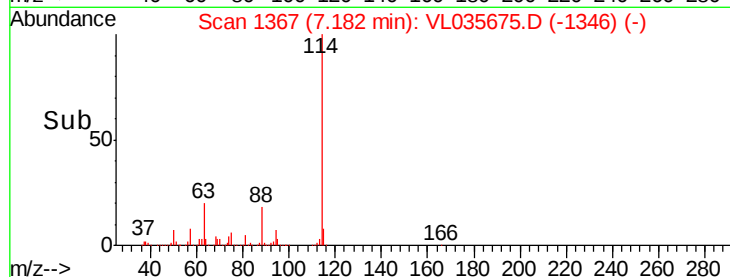
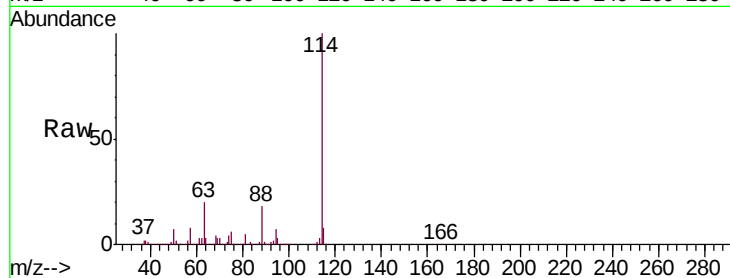
Tgt Ion: 63 Resp: 853859

Ion Ratio Lower Upper

63 100

41 0.0 40.0 60.0#

62 15.7 55.4 83.0#



#52

Tetrachloroethene

Concen: 0.036 ppbv

RT: 11.24 min Scan# 2630

Delta R.T. 0.01 min

Lab File: VL035675.D

Acq: 18 Sep 2020 3:03

Tgt Ion: 164 Resp: 6060

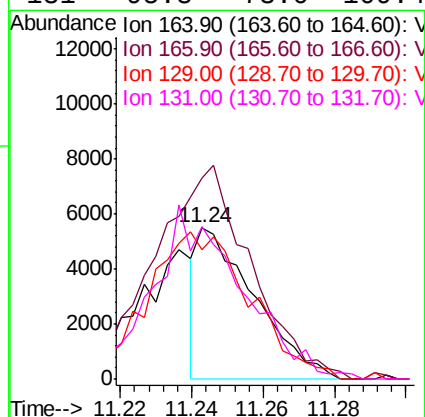
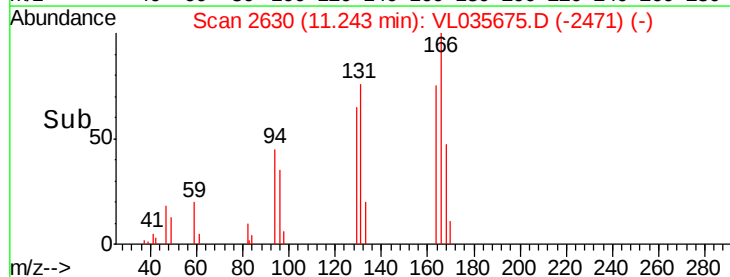
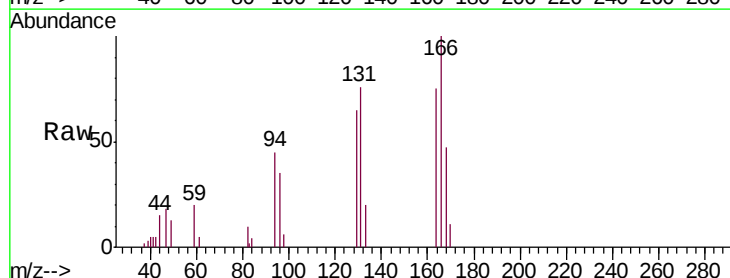
Ion Ratio Lower Upper

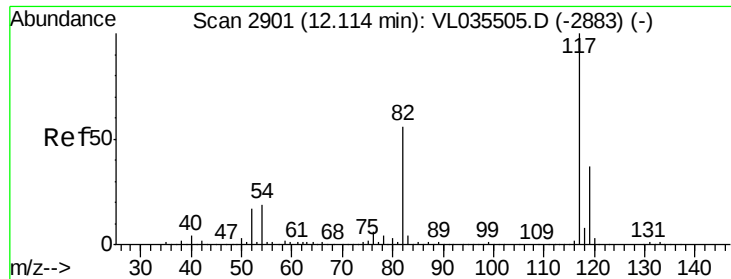
164 100

166 127.5 100.9 151.3

129 85.7 75.3 112.9

131 95.8 73.0 109.4

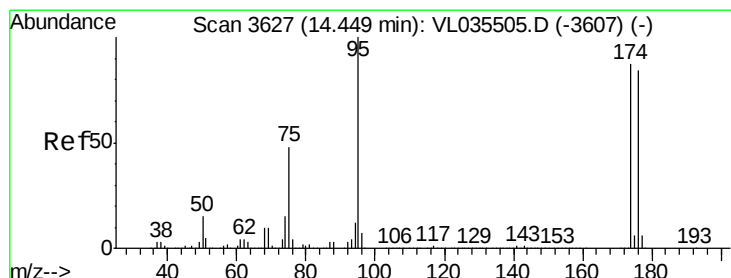
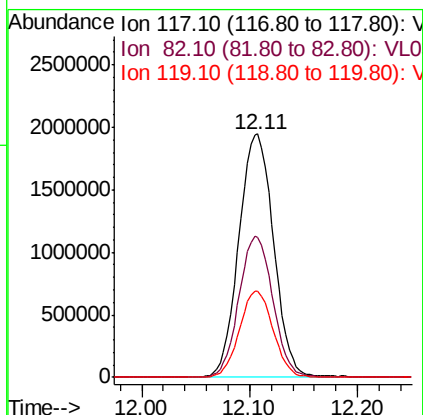
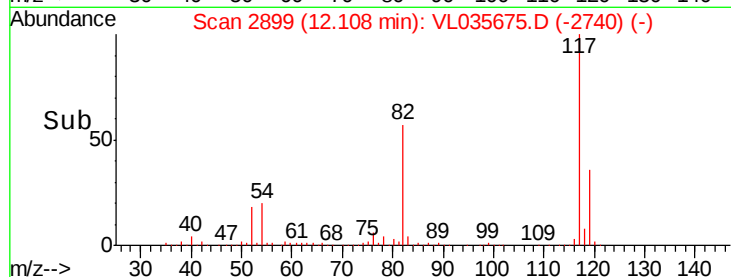
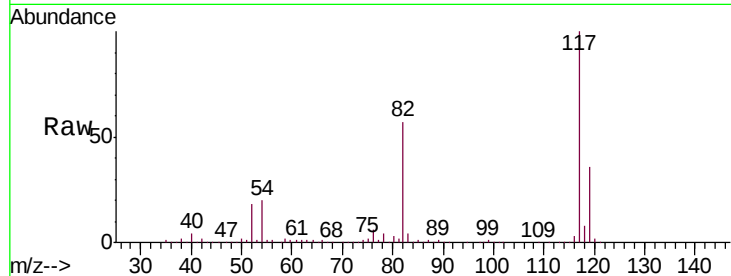




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.11 min Scan# 2899
Delta R.T. 0.01 min
Lab File: VL035675.D
Acq: 18 Sep 2020 3:03

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tgt Ion: 117 Resp: 4374548
Ion Ratio Lower Upper
117 100
82 56.9 41.6 62.4
119 34.6 29.3 43.9



#68
1-Bromo-4-Fluorobenzene
Concen: 10.191 ppbv
RT: 14.44 min Scan# 3624
Delta R.T. 0.01 min
Lab File: VL035675.D
Acq: 18 Sep 2020 3:03

Tgt Ion: 95 Resp: 3165822
Ion Ratio Lower Upper
95 100
174 77.9 69.6 104.4
175 5.6 5.1 7.7

