

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

Data File : VL035658.D
Acq On : 17 Sep 2020 16:05
Operator : SY/AP
Sample : QC091620 CAN 10606
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC091620 CAN 10606

Quant Time: Sep 18 02:31:32 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL082720AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-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	1096955	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	4272497	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	4223909	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	3093843	10.31	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.10%

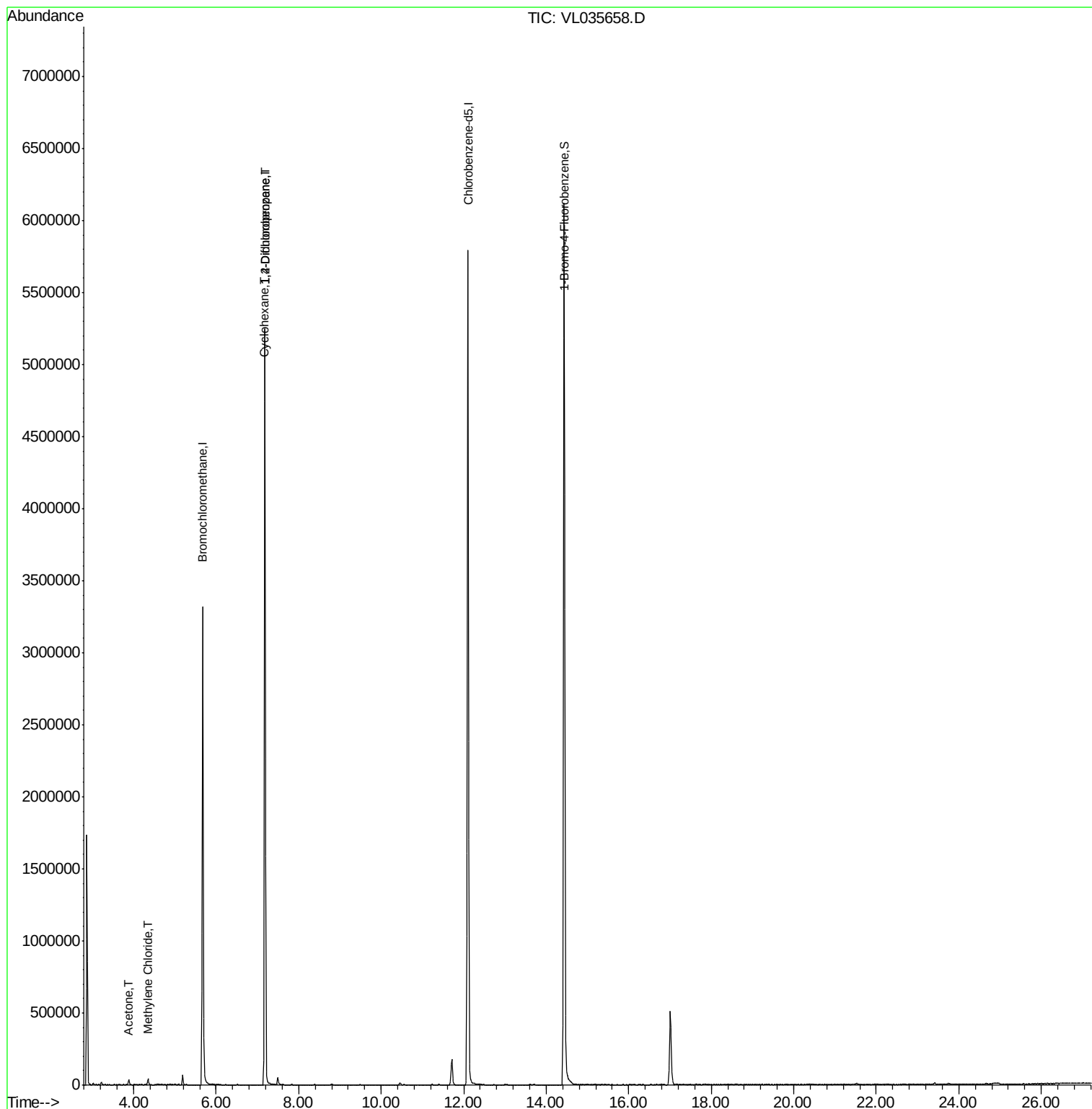
Target Compounds					Qvalue	
15) Acetone	3.88	43	24785	0.205	ppbv #	20
20) Methylene Chloride	4.35	84	17713	0.197	ppbv	94
30) Cyclohexane	7.17	84	4998	0.039	ppbv #	9
39) 1,2-Dichloropropane	7.18	63	811374	8.685	ppbv #	32

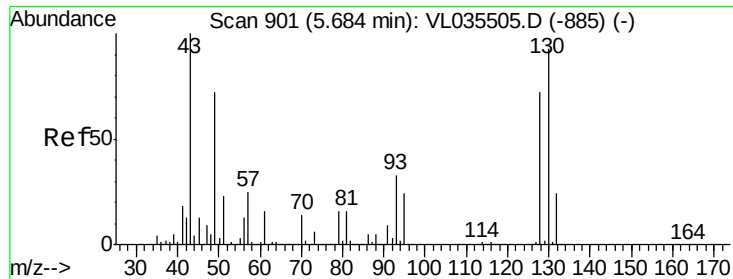
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 min Scan# 897

Delta R.T. 0.01 min

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MSVOA_L

ClientSampleId :

QC091620 CAN 10606

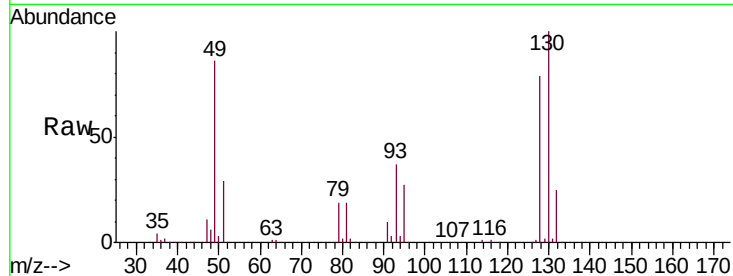
Tgt Ion: 49 Resp: 1096955

Ion Ratio Lower Upper

49 100

128 89.4 50.0 150.1

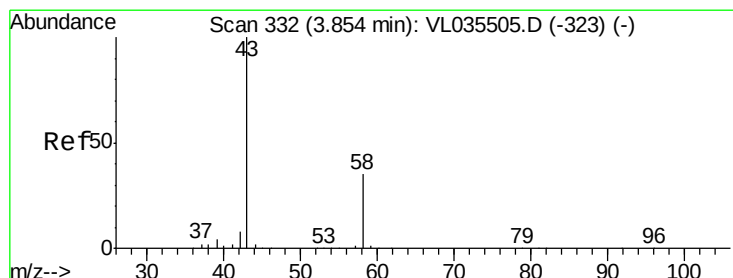
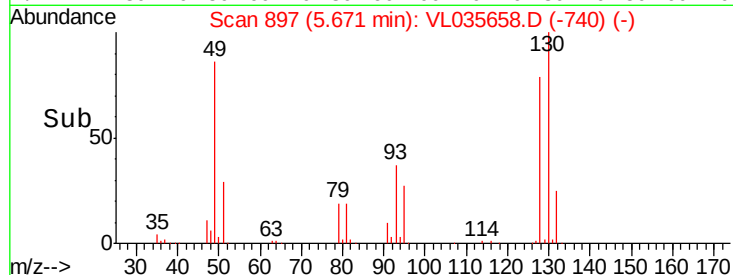
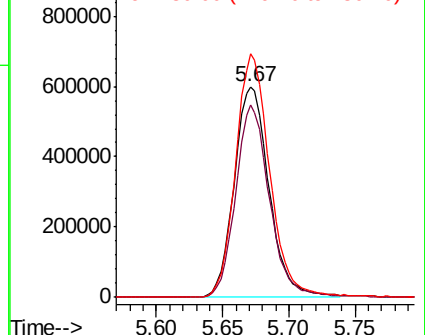
130 114.3 64.4 193.2



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#15

Acetone

Concen: 0.205 ppbv

RT: 3.88 min Scan# 339

Delta R.T. 0.04 min

Lab File: VL035658.D

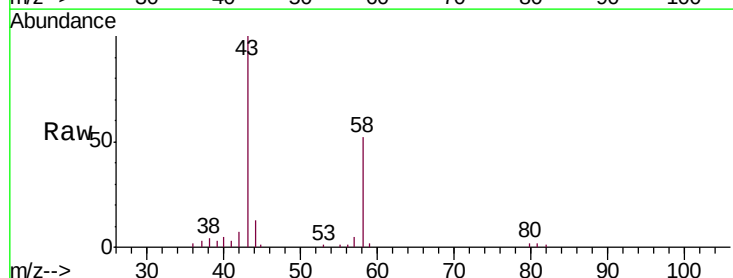
Acq: 17 Sep 2020 16:05

Tgt Ion: 43 Resp: 24785

Ion Ratio Lower Upper

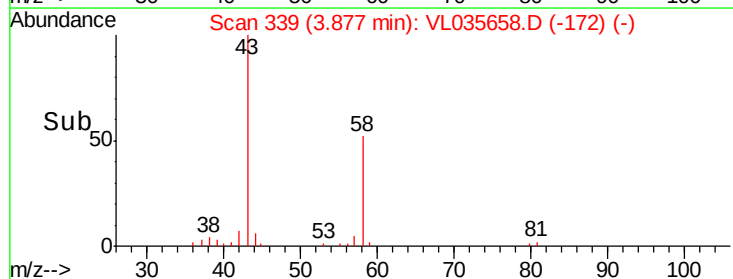
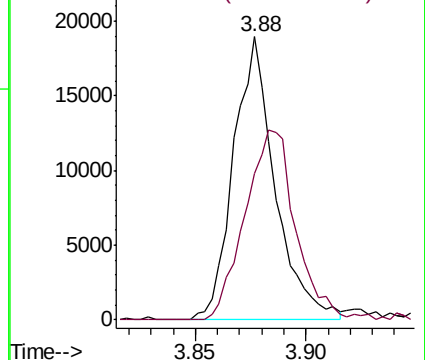
43 100

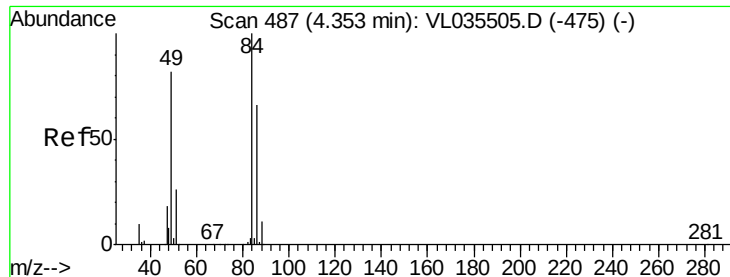
58 82.0 28.4 42.6#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

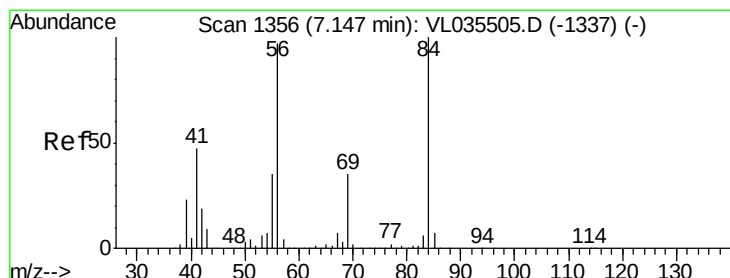
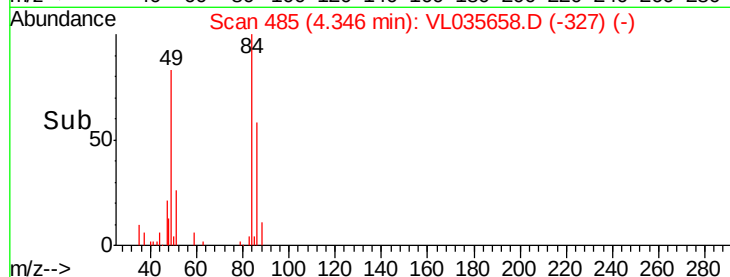
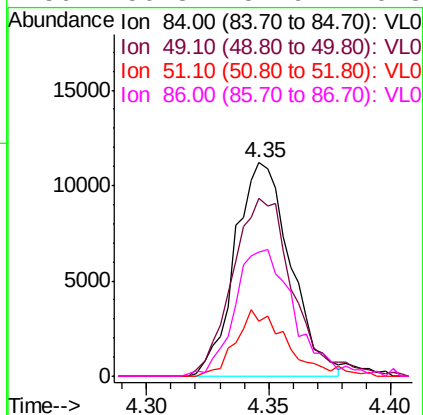
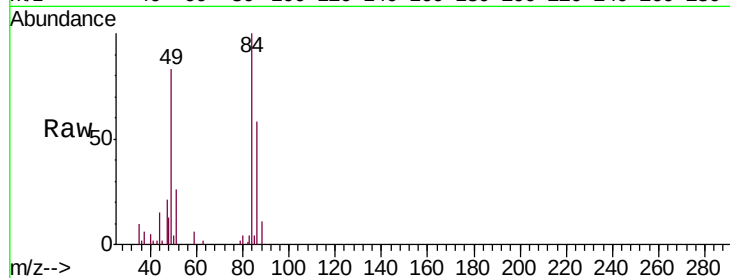




#20
Methylene Chloride
Concen: 0.197 ppbv
RT: 4.35 min Scan# 485
Delta R.T. 0.01 min
Lab File: VL035658.D
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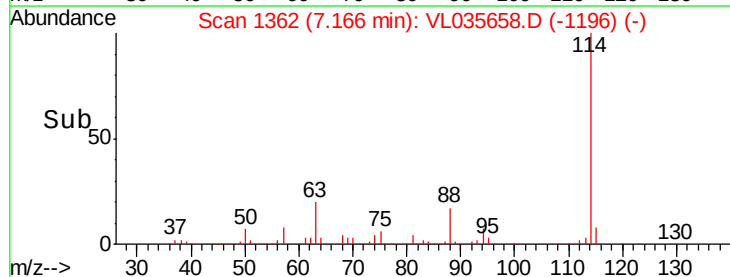
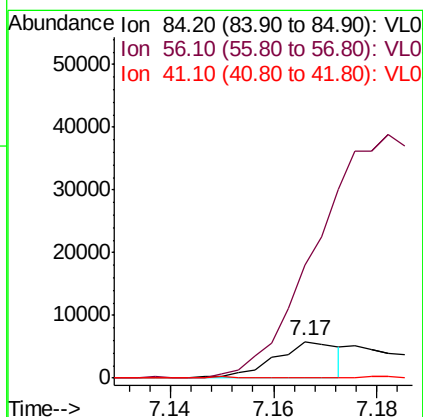
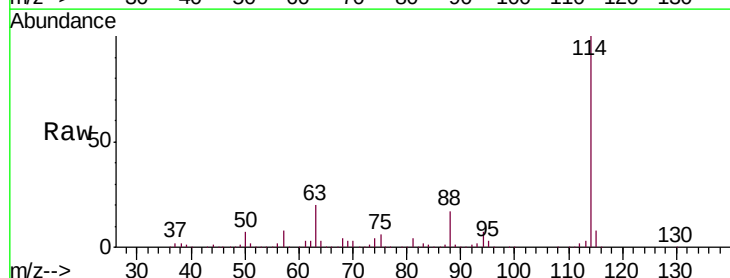
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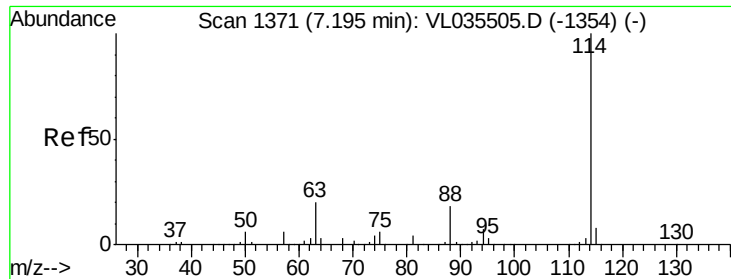
Tgt Ion:	84	Resp:	17713
Ion	Ratio	Lower	Upper
84	100		
49	83.4	65.4	98.0
51	25.5	21.5	32.3
86	56.8	52.9	79.3



#30
Cyclohexane
Concen: 0.039 ppbv
RT: 7.17 min Scan# 1362
Delta R.T. 0.04 min
Lab File: VL035658.D
Acq: 17 Sep 2020 16:05

Tgt Ion:	84	Resp:	4998
Ion	Ratio	Lower	Upper
84	100		
56	0.0	80.1	120.1#
41	0.0	38.1	57.1#

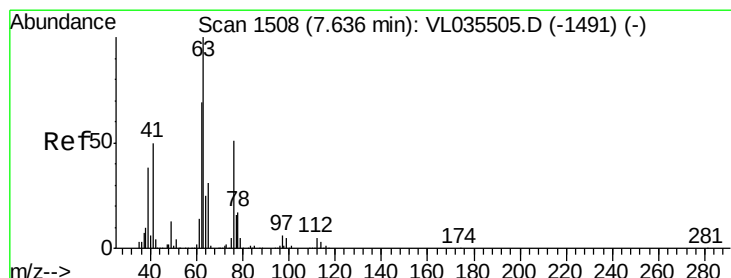
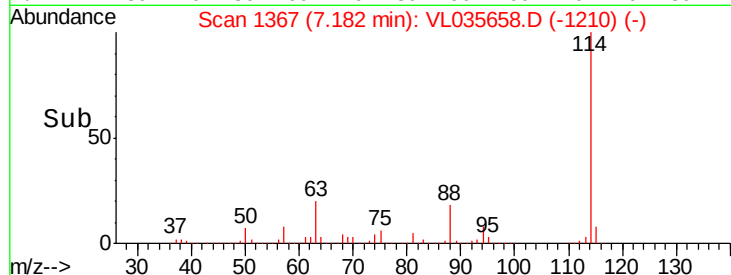
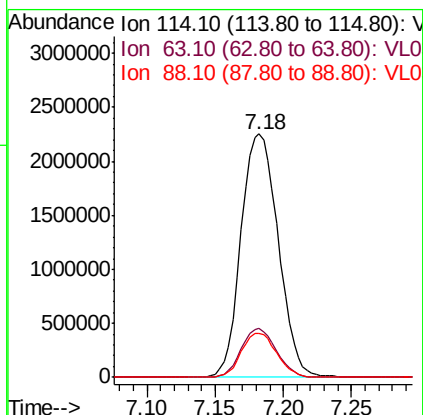
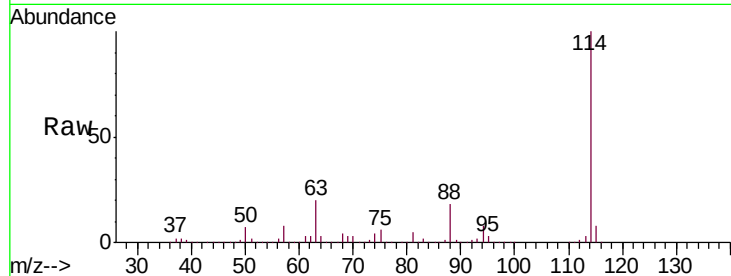




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18 min Scan# 1367
 Delta R.T. 0.01 min
 Lab File: VL035658.D
 Acq: 17 Sep 2020 16:05

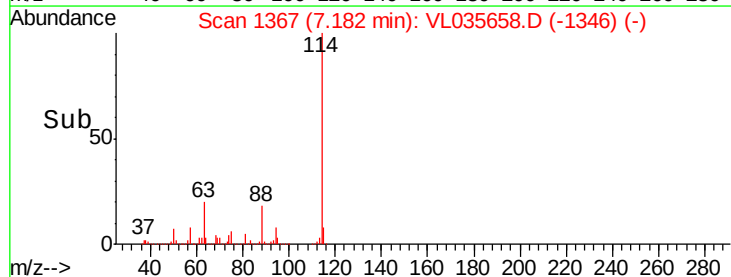
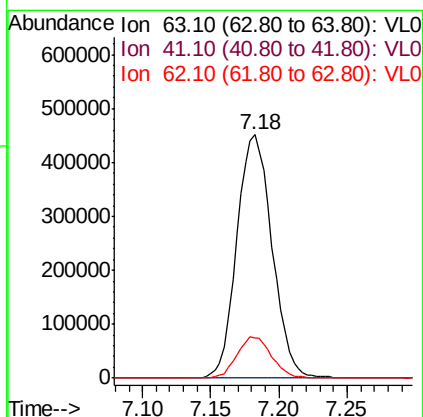
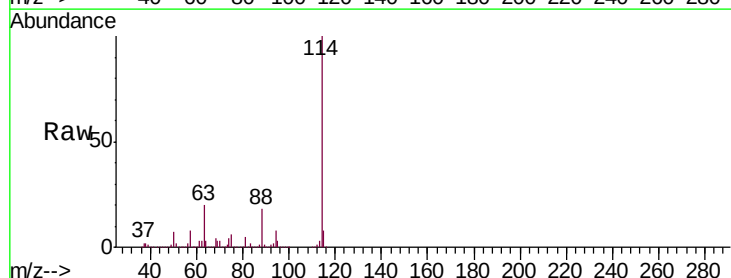
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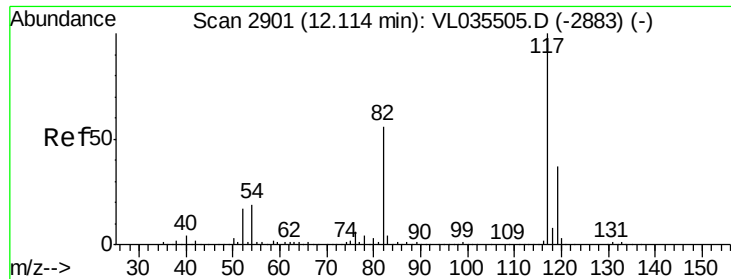
Tgt Ion: 114 Resp: 4272497
 Ion Ratio Lower Upper
 114 100
 63 19.0 14.7 22.1
 88 17.3 13.4 20.2



#39
 1,2-Dichloropropane
 Concen: 8.685 ppbv
 RT: 7.18 min Scan# 1367
 Delta R.T. -0.43 min
 Lab File: VL035658.D
 Acq: 17 Sep 2020 16:05

Tgt Ion: 63 Resp: 811374
 Ion Ratio Lower Upper
 63 100
 41 0.0 40.0 60.0#
 62 16.6 55.4 83.0#

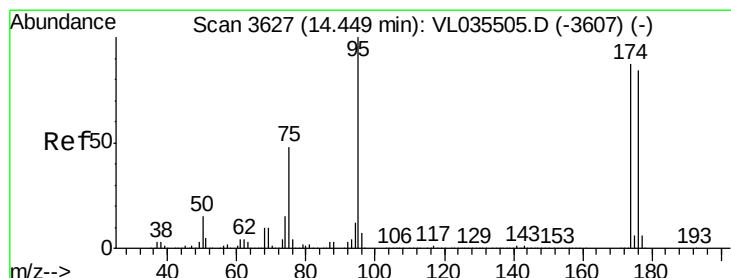
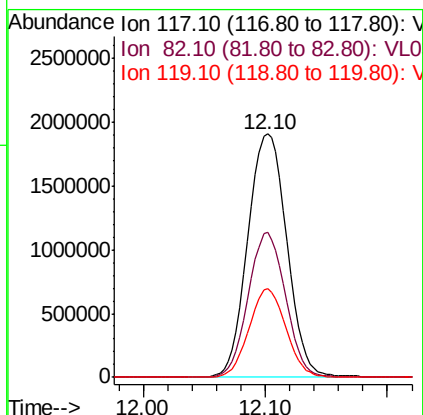
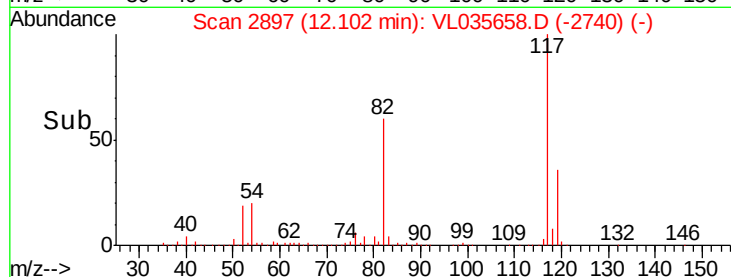
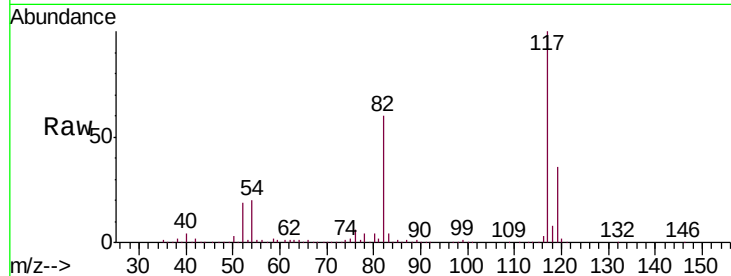




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2897
Delta R.T. 0.01 min
Lab File: VL035658.D
Acq: 17 Sep 2020 16:05

Instrument :
MSVOA_L
ClientSampleId :
QC091620 CAN 10606

Tgt Ion:117 Resp: 4223909
Ion Ratio Lower Upper
117 100
82 57.5 41.6 62.4
119 34.7 29.3 43.9



#68
1-Bromo-4-Fluorobenzene
Concen: 10.314 ppbv
RT: 14.44 min Scan# 3623
Delta R.T. 0.01 min
Lab File: VL035658.D
Acq: 17 Sep 2020 16:05

Tgt Ion: 95 Resp: 3093843
Ion Ratio Lower Upper
95 100
174 79.6 69.6 104.4
175 5.7 5.1 7.7

