

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL081220\
 Data File : VL035395.D
 Acq On : 13 Aug 2020 1:37
 Operator : SY/AP
 Sample : OC CAN 10334
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC CAN 10334

Quant Time: Aug 13 04:32:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL081220AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Aug 12 20:32:44 2020
 QLast Update : Wed Aug 12 20:32:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1460558	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	3258325	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	3038246	10.00	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	2602250	10.61	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	106.10%

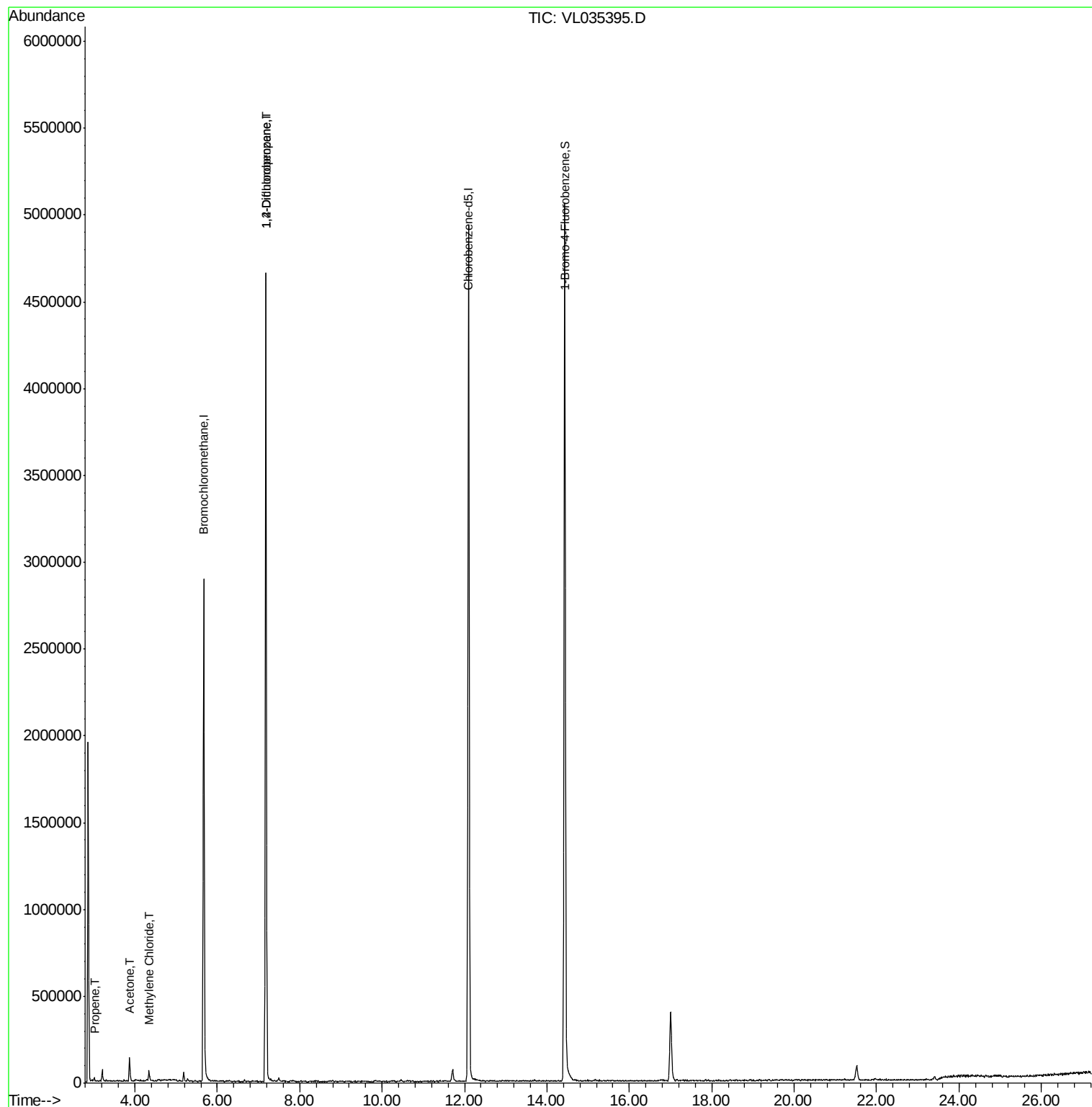
Target Compounds					Ovalue
9) Propene	3.01	41	4134	0.047 ppbv #	15
15) Acetone	3.87	43	118461	0.644 ppbv #	72
20) Methylene Chloride	4.34	84	18132	0.261 ppbv #	88
39) 1,2-Dichloropropane	7.18	63	904859	7.314 ppbv #	25

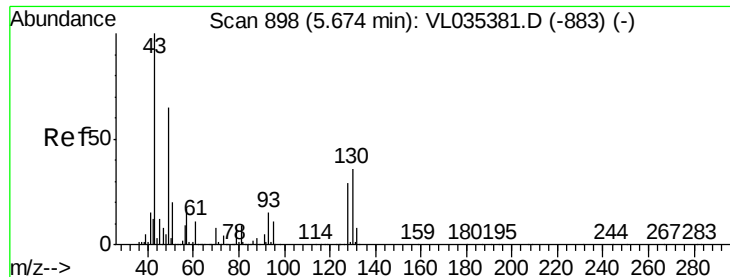
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Aug 12 20:32:44 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 895

Delta R.T. -0.01 min

Lab File: VL035395.D

Acq: 13 Aug 2020 1:37

Instrument :

MSVOA_L

ClientSampleId :

QC CAN 10334

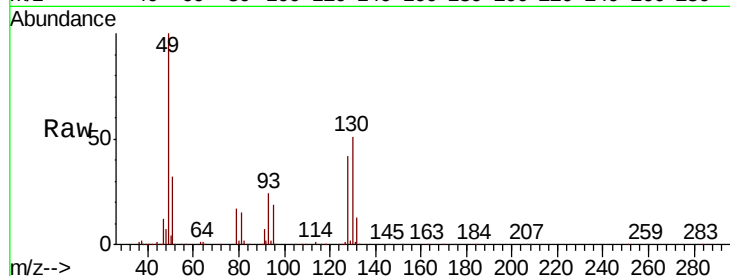
Tot Ion: 49 Resp: 1460558

Ion Ratio Lower Upper

49 100

128 41.9 21.8 65.3

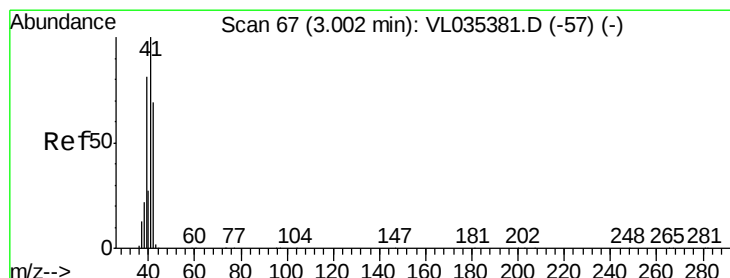
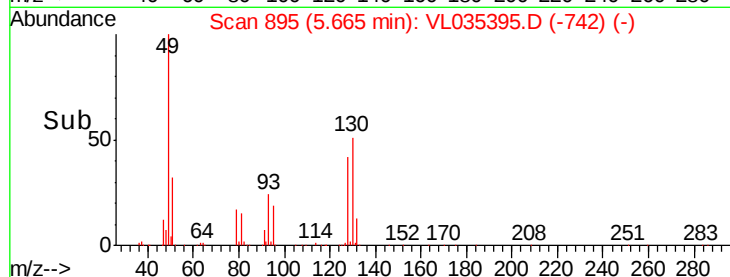
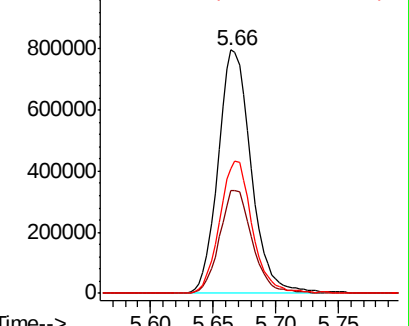
130 53.8 27.9 83.6



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: 0.047 ppbv

RT: 3.01 min Scan# 69

Delta R.T. 0.01 min

Lab File: VL035395.D

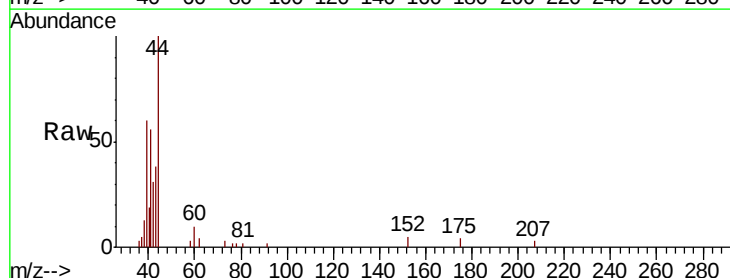
Acq: 13 Aug 2020 1:37

Tgt Ion: 41 Resp: 4134

Ion Ratio Lower Upper

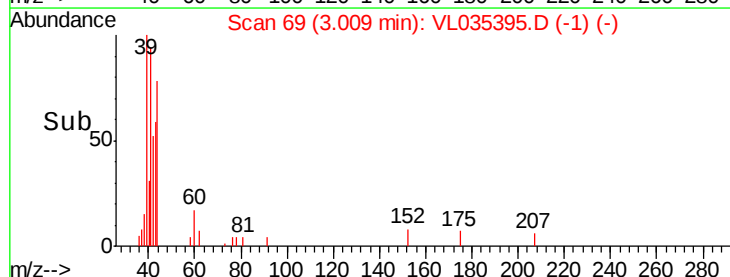
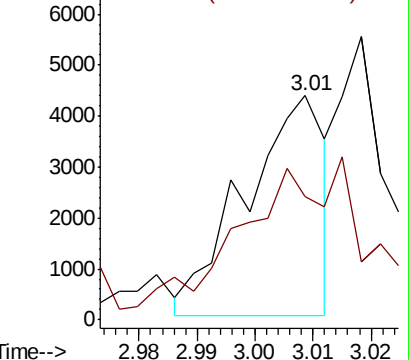
41 100

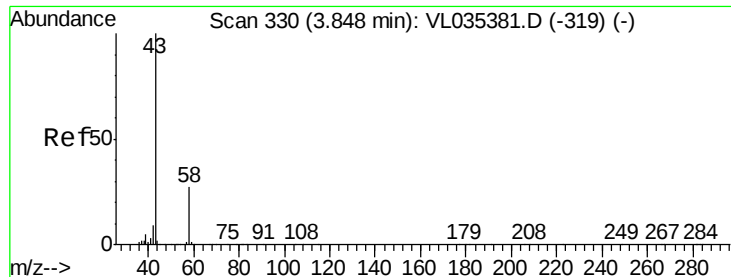
42 0.0 55.4 83.2#



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0





#15

Acetone

Concen: 0.644 ppbv

RT: 3.87 min Scan# 336

Delta R.T. 0.02 min

Lab File: VL035395.D

Acq: 13 Aug 2020 1:37

Instrument :

MSVOA_L

ClientSampleId :

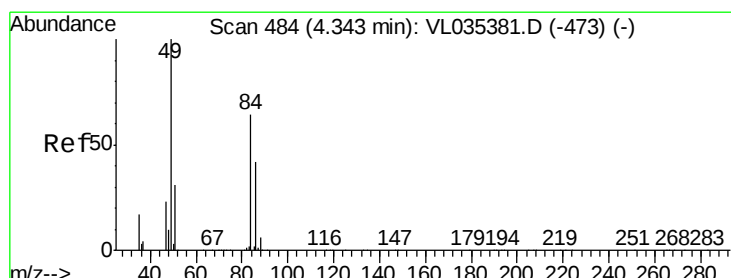
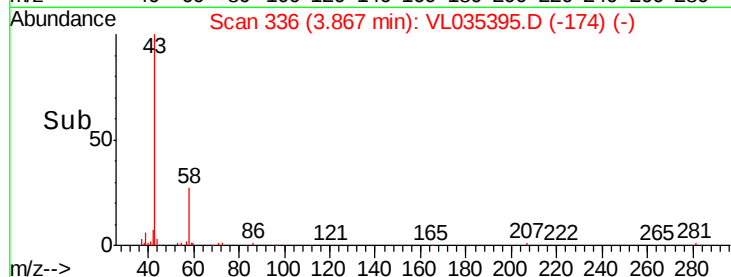
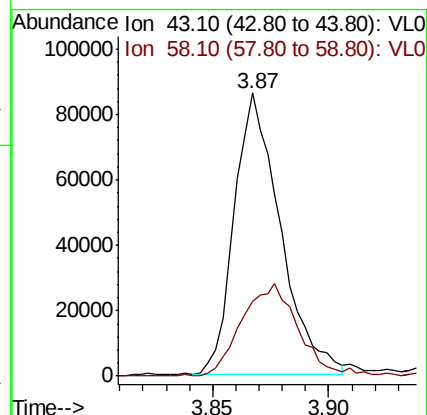
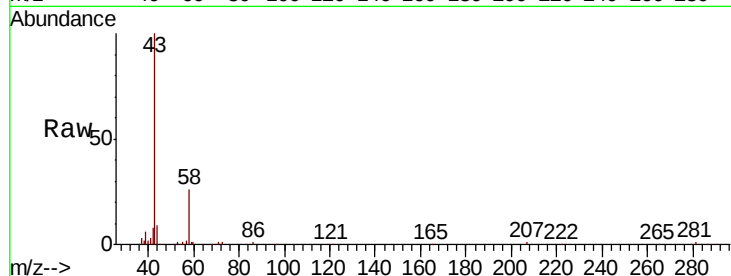
QC CAN 10334

Tot Ion: 43 Resp: 118461

Ion Ratio Lower Upper

43 100

58 41.4 21.7 32.5#



#20

Methylene Chloride

Concen: 0.261 ppbv

RT: 4.34 min Scan# 483

Delta R.T. -0.00 min

Lab File: VL035395.D

Acq: 13 Aug 2020 1:37

Tgt Ion: 84 Resp: 18132

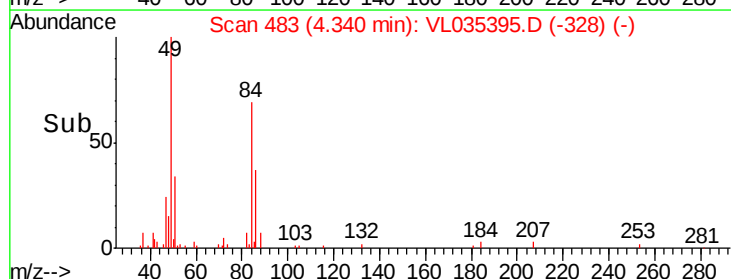
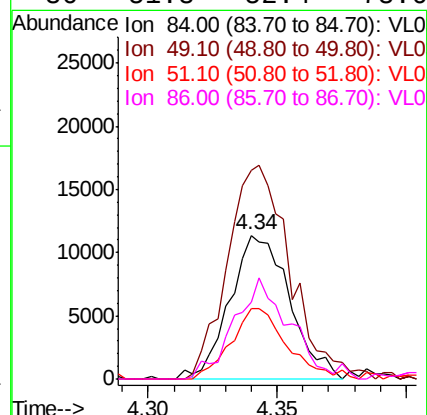
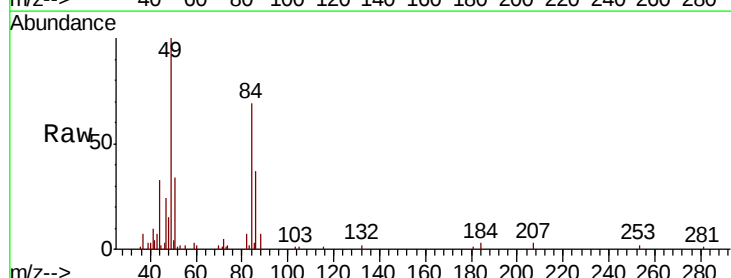
Ion Ratio Lower Upper

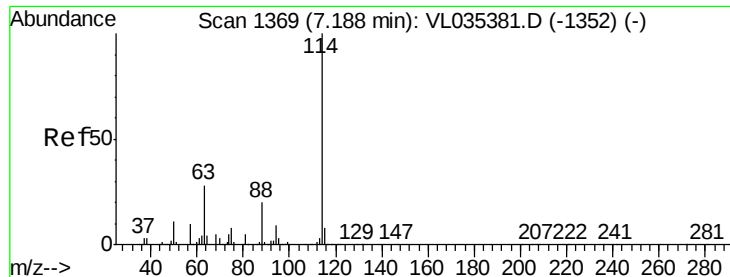
84 100

49 142.0 125.7 188.5

51 51.3 38.5 57.7

86 51.8 52.4 78.6#

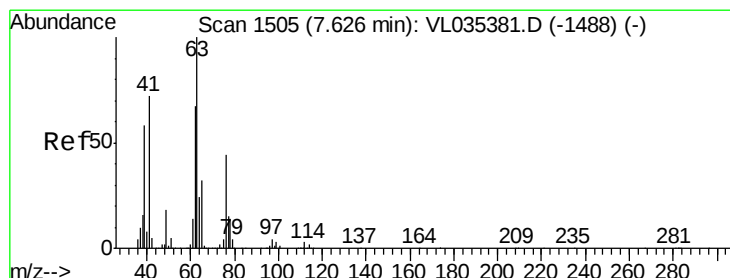
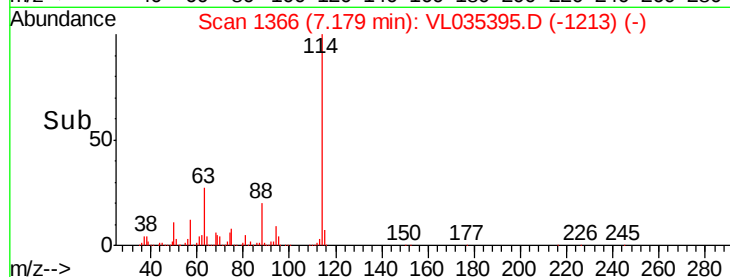
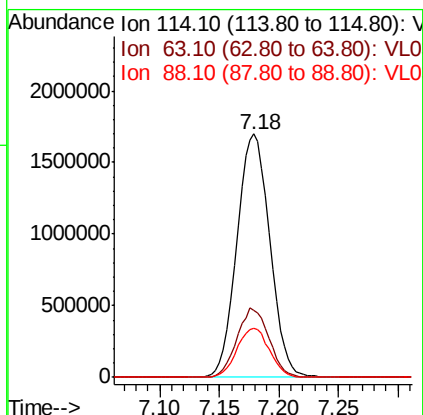
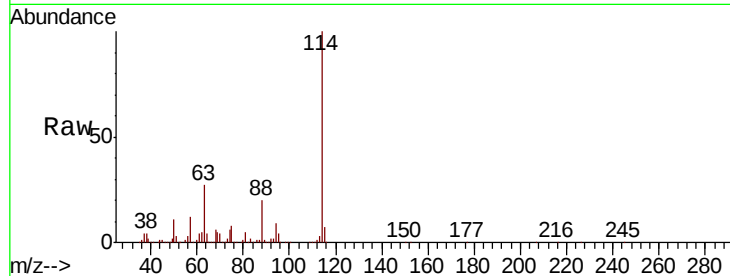




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18 min Scan# 1366
 Delta R.T. -0.01 min
 Lab File: VL035395.D
 Acq: 13 Aug 2020 1:37

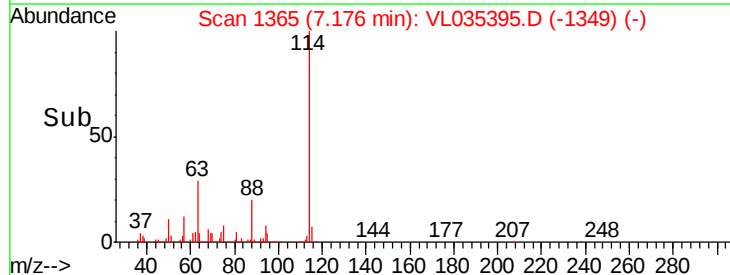
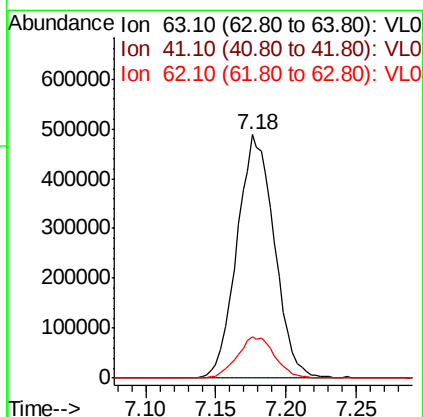
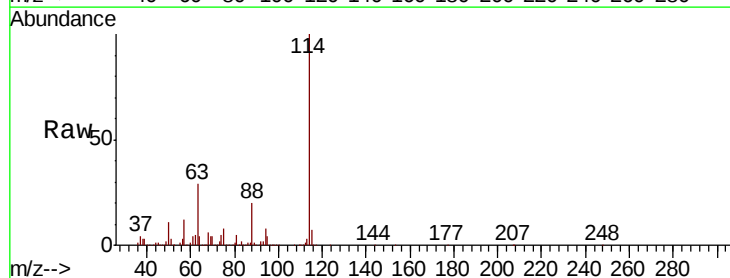
Instrument :
 MSVOA_L
 ClientSampleId :
 QC CAN 10334

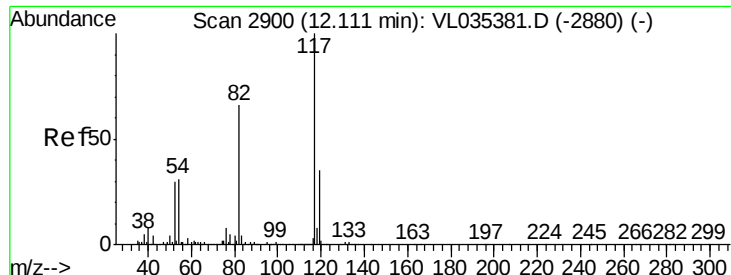
Tot Ion:114 Resp: 3258325
 Ion Ratio Lower Upper
 114 100
 63 27.9 21.5 32.3
 88 20.0 15.6 23.4



#39
 1,2-Dichloropropane
 Concen: 7.314 ppbv
 RT: 7.18 min Scan# 1365
 Delta R.T. -0.45 min
 Lab File: VL035395.D
 Acq: 13 Aug 2020 1:37

Tgt Ion: 63 Resp: 904859
 Ion Ratio Lower Upper
 63 100
 41 0.0 57.4 86.2#
 62 17.2 53.6 80.4#

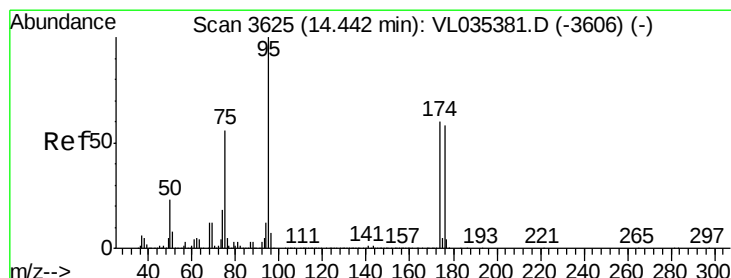
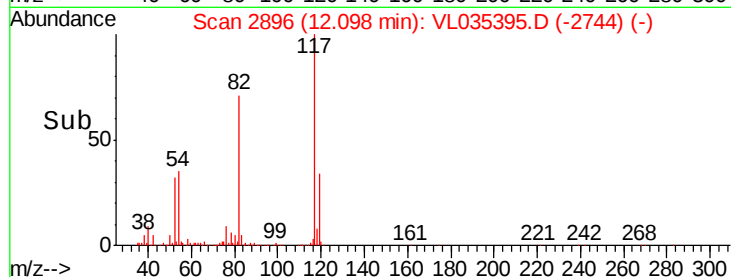
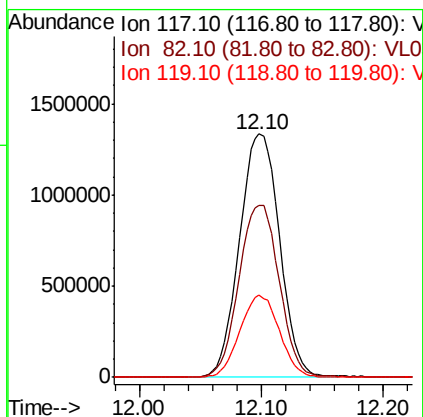
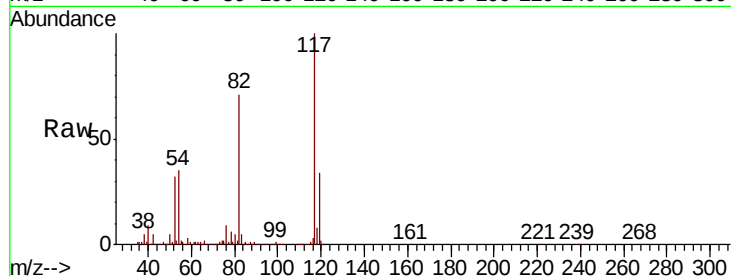




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2896
Delta R.T. -0.01 min
Lab File: VL035395.D
Acq: 13 Aug 2020 1:37

Instrument :
MSVOA_L
ClientSampleId :
QC CAN 10334

Tot Ion:117 Resp: 3038246
Ion Ratio Lower Upper
117 100
82 71.2 53.0 79.6
119 33.2 25.7 38.5



#68
1-Bromo-4-Fluorobenzene
Concen: 10.608 ppbv
RT: 14.43 min Scan# 3622
Delta R.T. -0.01 min
Lab File: VL035395.D
Acq: 13 Aug 2020 1:37

Tgt Ion: 95 Resp: 2602250
Ion Ratio Lower Upper
95 100
174 56.7 48.2 72.2
175 4.1 3.7 5.5

