

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL073020\
 Data File : VL035283.D
 Acq On : 30 Jul 2020 17:19
 Operator : SY/AP
 Sample : OC CAN 10606
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC CAN 10606

Quant Time: Jul 31 05:06:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL072920AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jul 29 07:14:29 2020
 QLast Update : Wed Jul 29 07:14:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1050128	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	2590260	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.13	117	2363095	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.46	95	1955173	10.35	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.50%

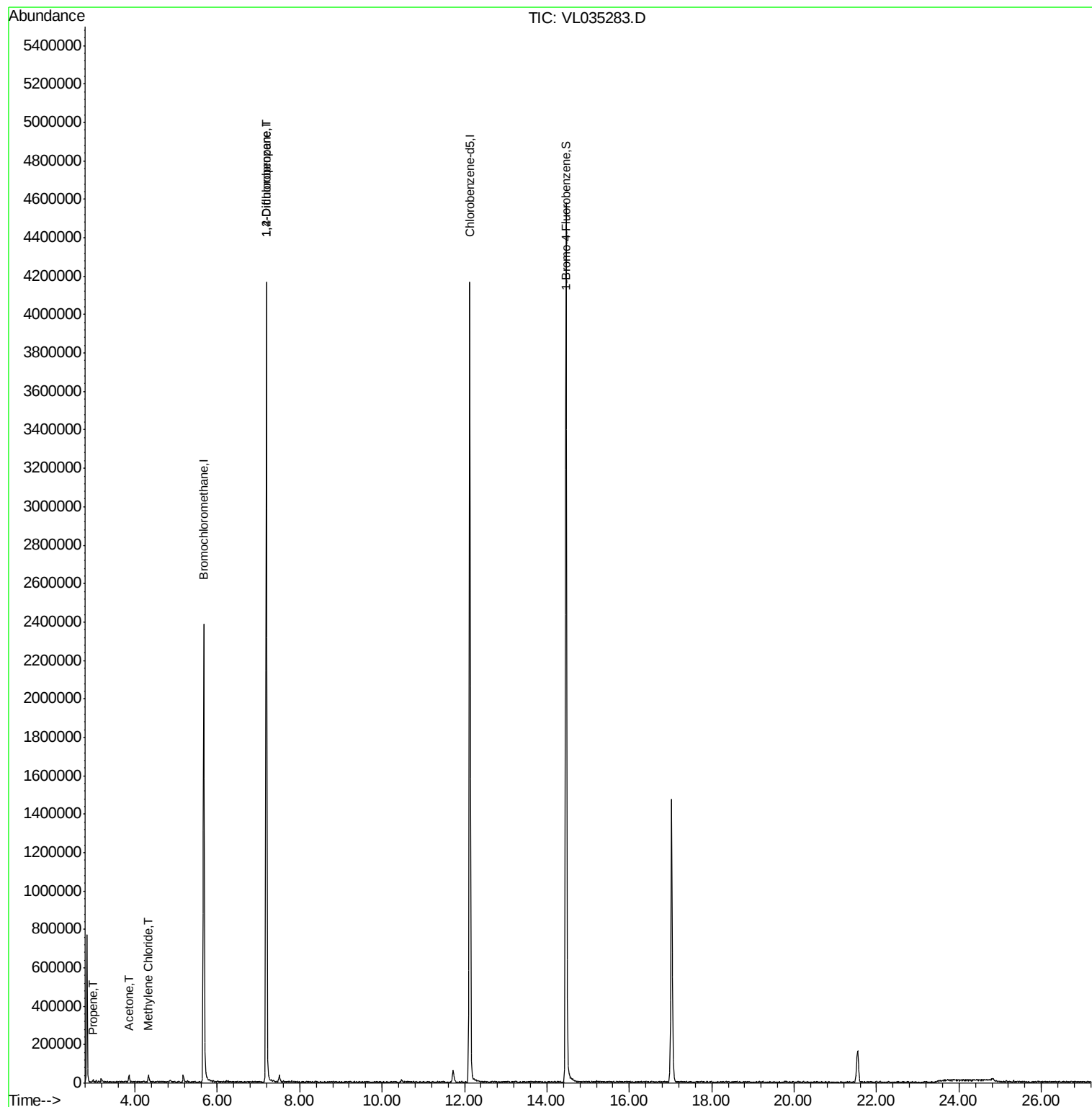
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	2.99	41	1743	0.043	ppbv	88
15) Acetone	3.85	43	28311	0.202	ppbv #	44
20) Methylene Chloride	4.33	84	11154	0.175	ppbv #	84
39) 1,2-Dichloropropane	7.19	63	713212	9.930	ppbv #	24

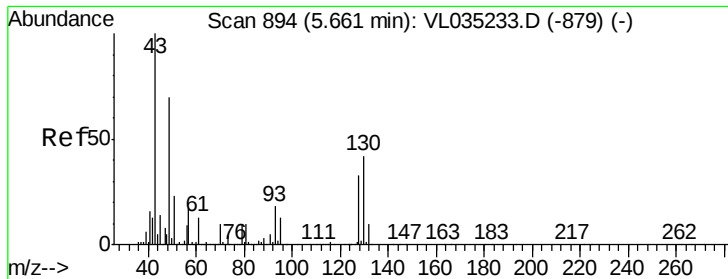
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 895

Delta R.T. 0.00 min

Lab File: VL035283.D

Acq: 30 Jul 2020 17:19

Instrument :

MSVOA_L

ClientSampleId :

QC CAN 10606

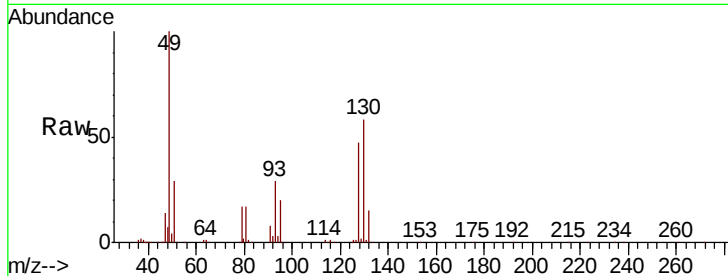
Tot Ion: 49 Resp: 1050128

Ion Ratio Lower Upper

49 100

128 50.1 24.0 72.0

130 63.6 30.7 92.1



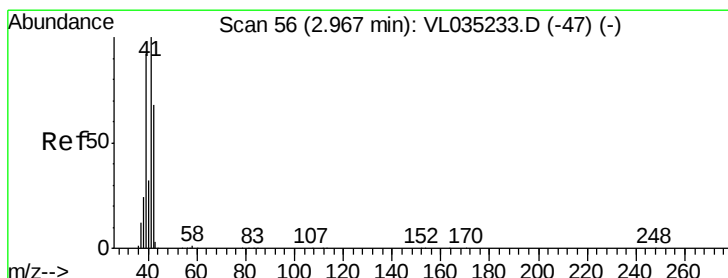
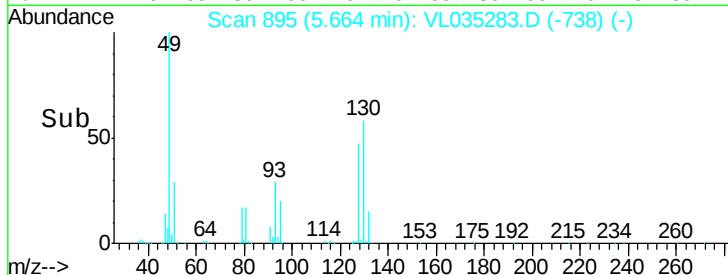
Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V

5.66

Time-->



#9

Propene

Concen: 0.043 ppbv

RT: 2.99 min Scan# 62

Delta R.T. 0.02 min

Lab File: VL035283.D

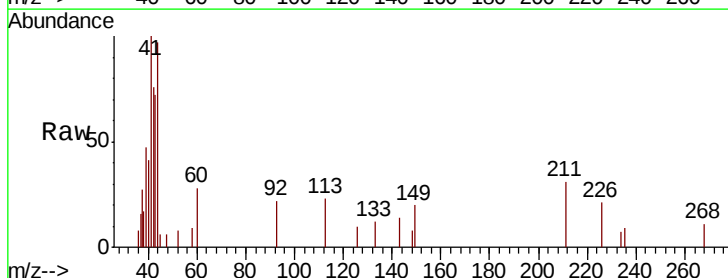
Acq: 30 Jul 2020 17:19

Tgt Ion: 41 Resp: 1743

Ion Ratio Lower Upper

41 100

42 59.4 55.0 82.6

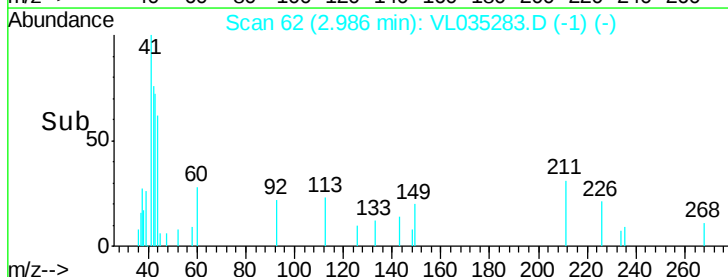


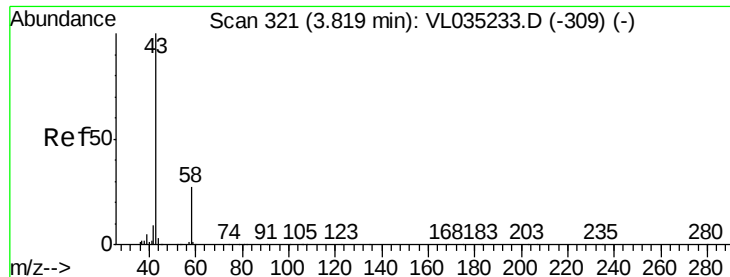
Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

2.99

Time-->





#15

Acetone

Concen: 0.202 ppbv

RT: 3.85 min Scan# 332

Delta R.T. 0.04 min

Lab File: VL035283.D

Acq: 30 Jul 2020 17:19

Instrument :

MSVOA_L

ClientSampleId :

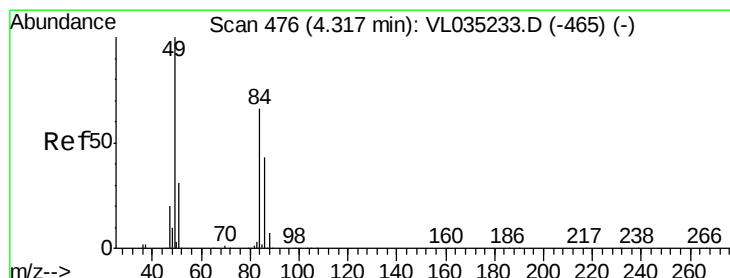
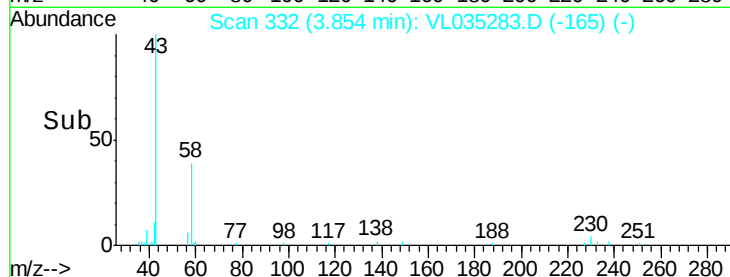
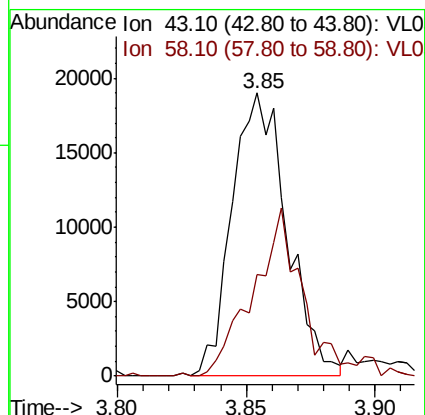
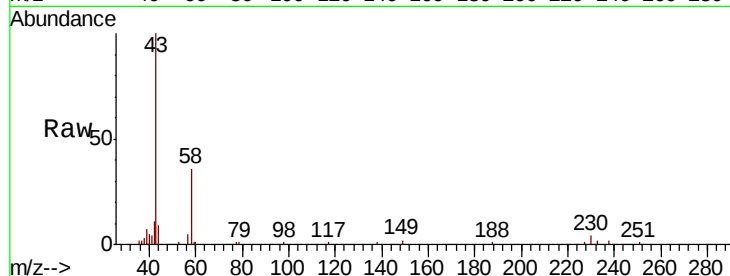
QC CAN 10606

Tot Ion: 43 Resp: 28311

Ion Ratio Lower Upper

43 100

58 56.5 21.8 32.6#



#20

Methylene Chloride

Concen: 0.175 ppbv

RT: 4.33 min Scan# 481

Delta R.T. 0.02 min

Lab File: VL035283.D

Acq: 30 Jul 2020 17:19

Tgt Ion: 84 Resp: 11154

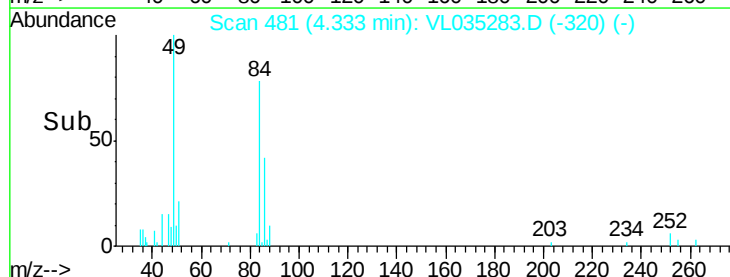
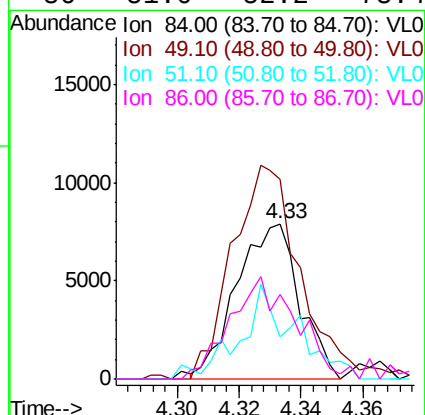
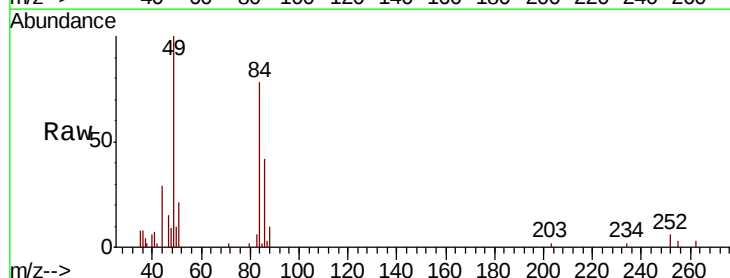
Ion Ratio Lower Upper

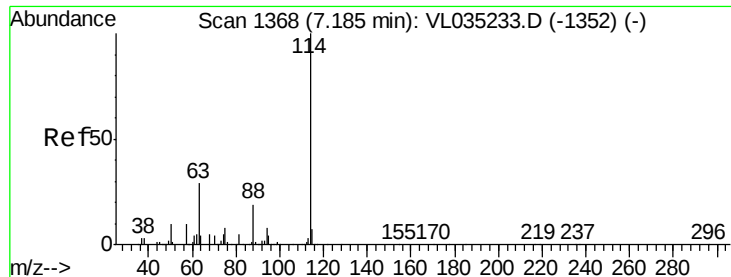
84 100

49 142.2 121.0 181.4

51 20.5 37.7 56.5#

86 51.0 52.2 78.4#

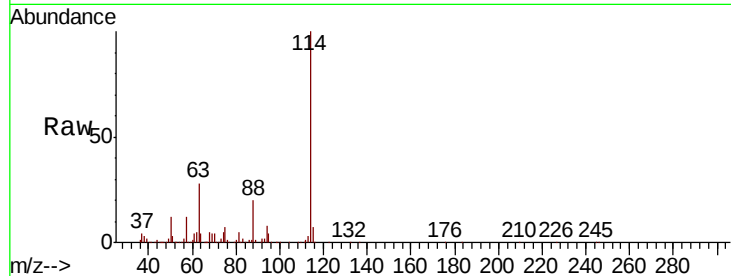




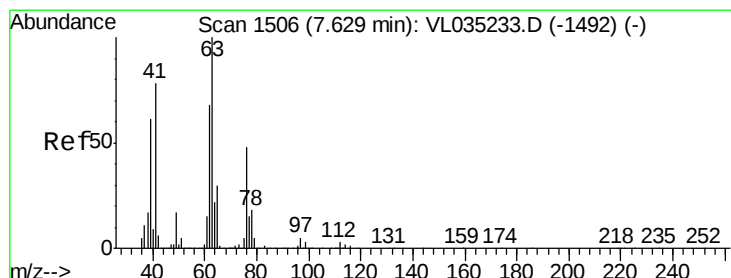
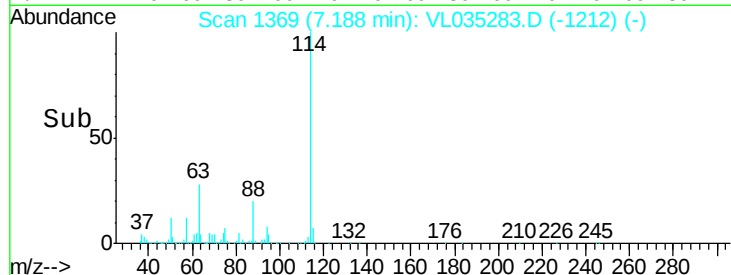
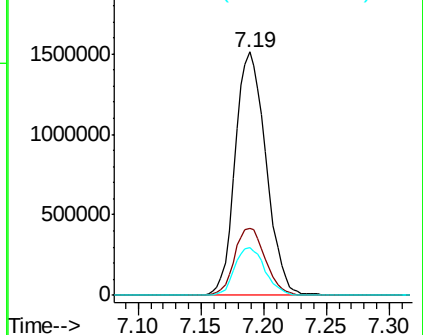
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.19 min Scan# 1369
 Delta R.T. 0.00 min
 Lab File: VL035283.D
 Acq: 30 Jul 2020 17:19

Instrument :
 MSVOA_L
 ClientSampleId :
 QC CAN 10606

Tot Ion:114 Resp: 2590260
 Ion Ratio Lower Upper
 114 100
 63 27.7 22.2 33.2
 88 19.5 15.4 23.0

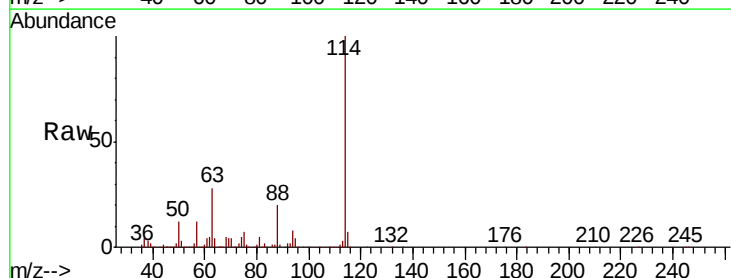


Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

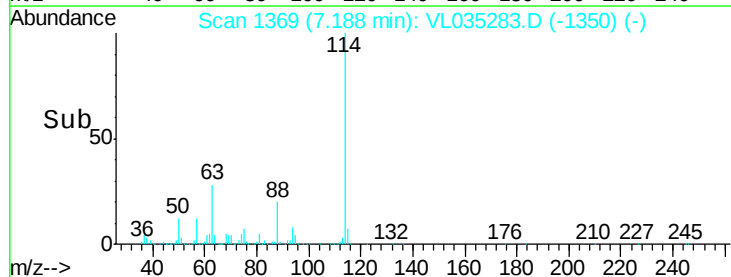
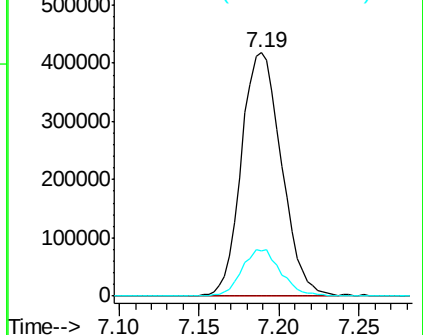


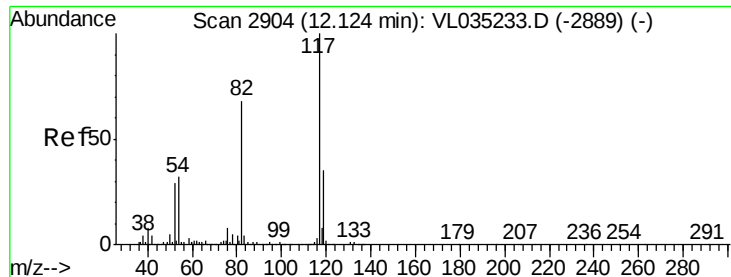
#39
 1,2-Dichloropropane
 Concen: 9.930 ppbv
 RT: 7.19 min Scan# 1369
 Delta R.T. -0.44 min
 Lab File: VL035283.D
 Acq: 30 Jul 2020 17:19

Tgt Ion: 63 Resp: 713212
 Ion Ratio Lower Upper
 63 100
 41 0.0 62.2 93.4#
 62 18.6 54.2 81.2#



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

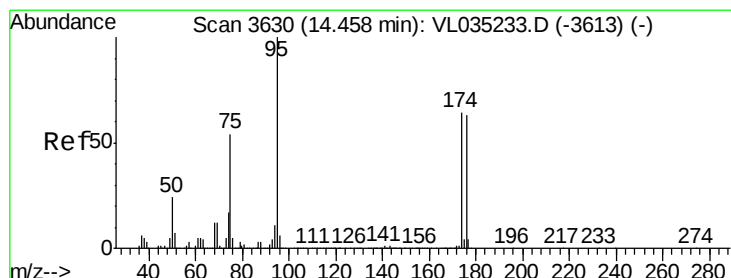
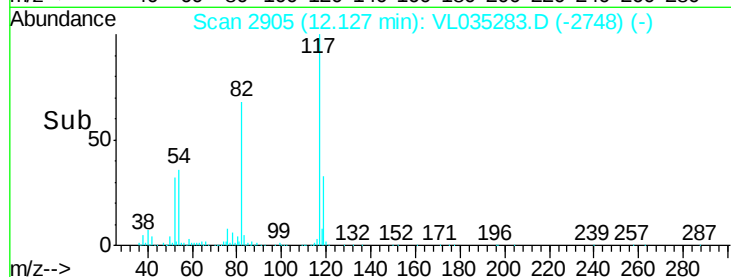
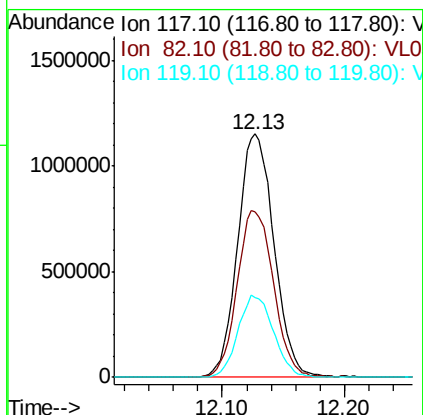
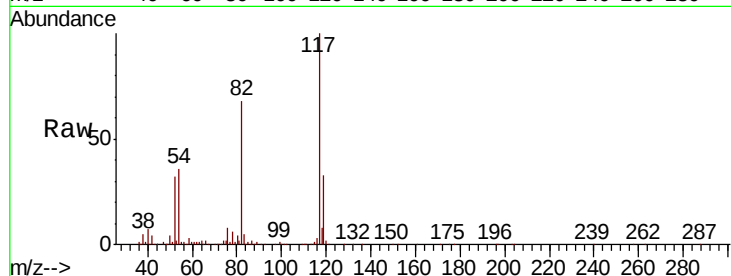




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.13 min Scan# 2905
Delta R.T. 0.00 min
Lab File: VL035283.D
Acq: 30 Jul 2020 17:19

Instrument :
MSVOA_L
ClientSampleId :
QC CAN 10606

Tot Ion:117 Resp: 2363095
Ion Ratio Lower Upper
117 100
82 69.2 52.4 78.6
119 33.3 24.6 36.8



#68
1-Bromo-4-Fluorobenzene
Concen: 10.354 ppbv
RT: 14.46 min Scan# 3632
Delta R.T. 0.01 min
Lab File: VL035283.D
Acq: 30 Jul 2020 17:19

Tgt Ion: 95 Resp: 1955173
Ion Ratio Lower Upper
95 100
174 65.3 52.7 79.1
175 4.9 3.9 5.9

