

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL073020\
 Data File : VL035286.D
 Acq On : 30 Jul 2020 19:21
 Operator : SY/AP
 Sample : OC CAN 10303
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC CAN 10303

Quant Time: Jul 31 05:25:10 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	5.67	49	1072111	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	2631741	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.13	117	2405021	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.46	95	1998098	10.40	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.00%

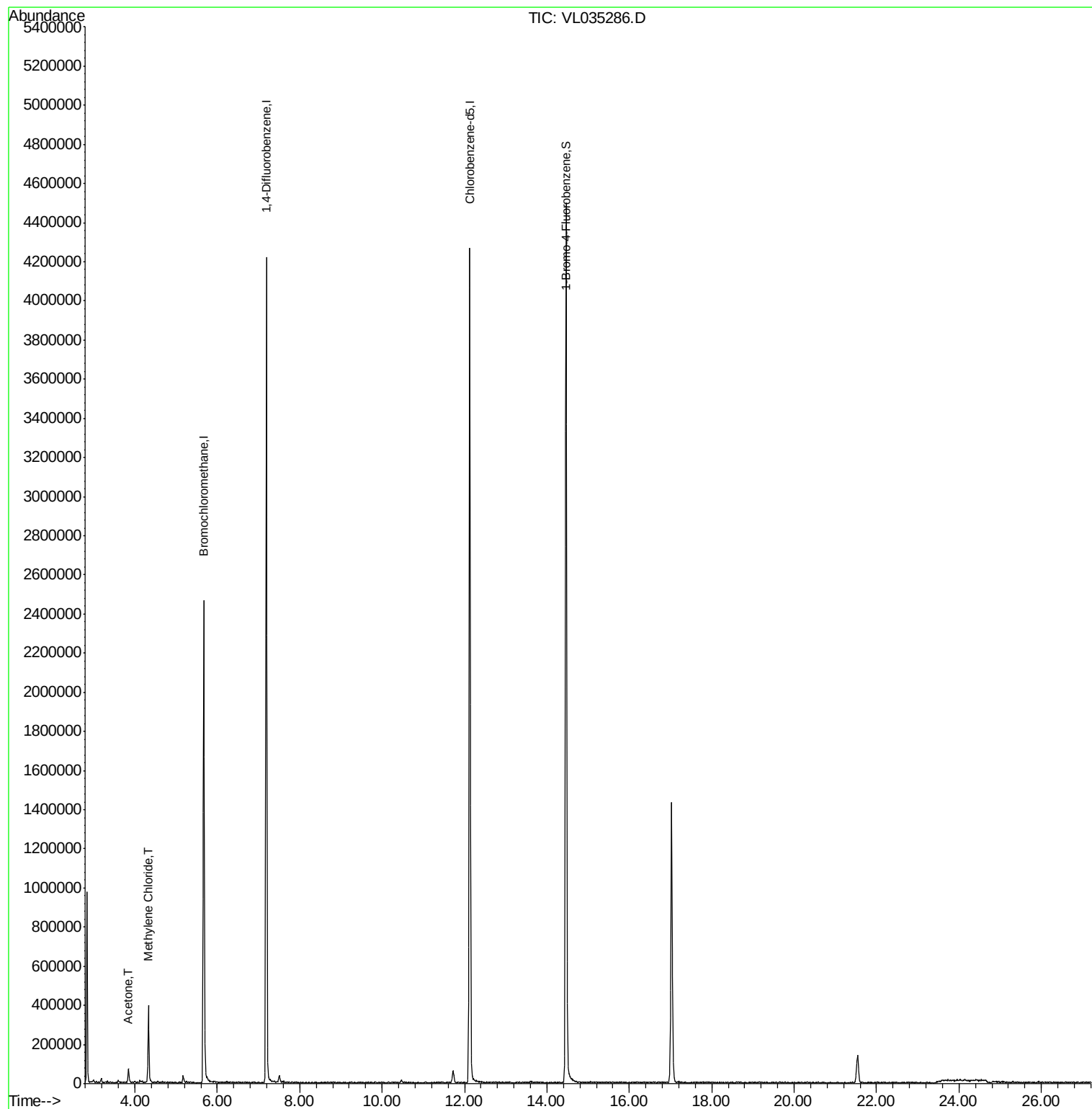
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.84	43	62869	0.440	ppbv	# 72
20) Methylene Chloride	4.33	84	133614	2.053	ppbv	94

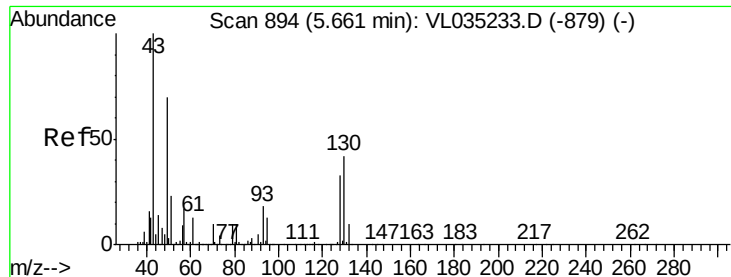
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jul 29 07:14:29 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 min Scan# 896

Delta R.T. 0.01 min

Lab File: VL035286.D

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Instrument :

MSVOA_L

ClientSampleId :

QC CAN 10303

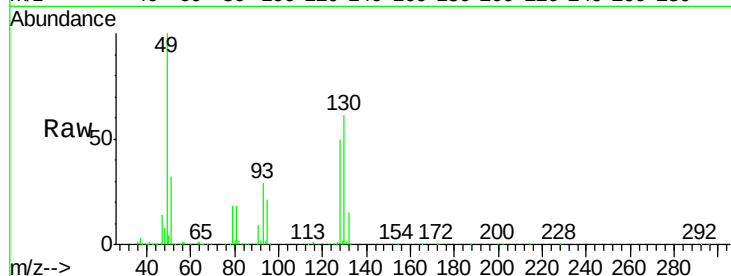
Tot Ion: 49 Resp: 1072111

Ion Ratio Lower Upper

49 100

128 49.9 24.0 72.0

130 63.3 30.7 92.1



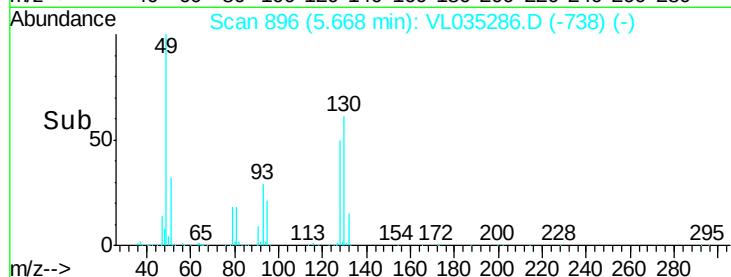
Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

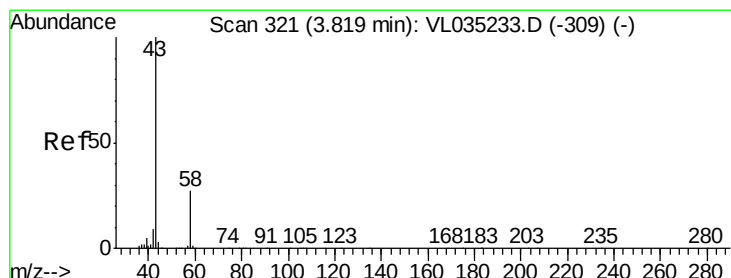
Ion 130.00 (129.70 to 130.70): VL0

5.67

Time-->



Time-->



#15

Acetone

Concen: 0.440 ppbv

RT: 3.84 min Scan# 329

Delta R.T. 0.03 min

Lab File: VL035286.D

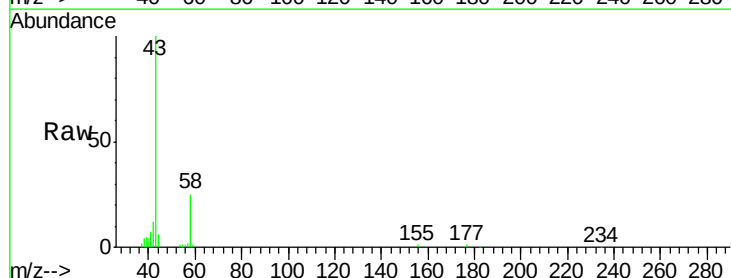
Acq: 30 Jul 2020 19:21

Tgt Ion: 43 Resp: 62869

Ion Ratio Lower Upper

43 100

58 41.7 21.8 32.6#

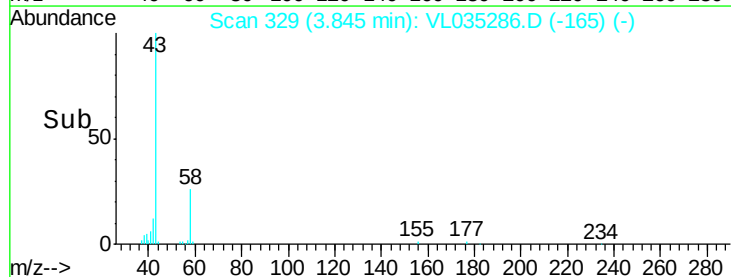


Abundance Ion 43.10 (42.80 to 43.80): VL0

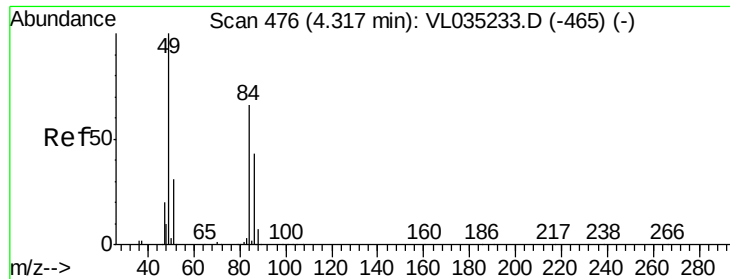
Ion 58.10 (57.80 to 58.80): VL0

3.84

Time-->



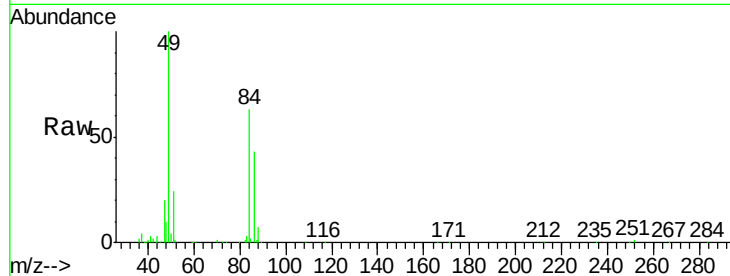
Time-->



#20
Methylene Chloride
Concen: 2.053 ppbv
RT: 4.33 min Scan# 480
Delta R.T. 0.01 min
Lab File: VL035286.D
Acq: 30 Jul 2020 19:21

Instrument :
MSVOA_L
ClientSampleId :
QC CAN 10303

Tot Ion:	84	Resp:	133614
Ion	Ratio	Lower	Upper
84	100		
49	157.6	121.0	181.4
51	37.9	37.7	56.5
86	68.3	52.2	78.4



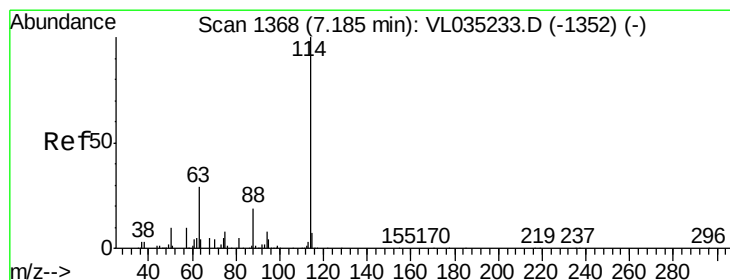
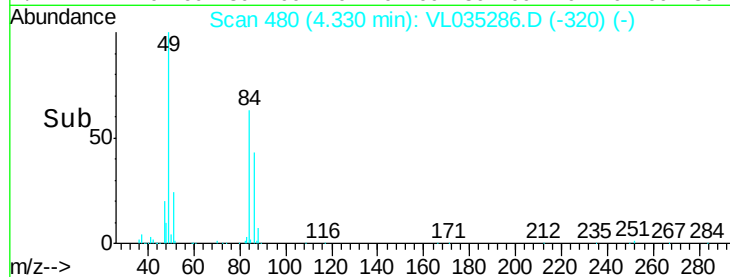
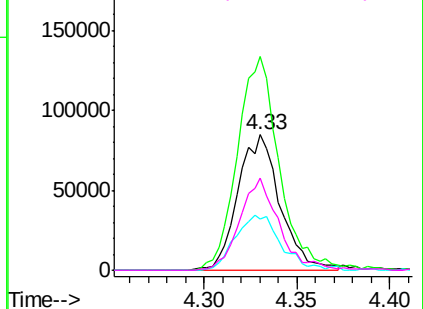
Abundance

Ion 84.00 (83.70 to 84.70): VL0

Ion 49.10 (48.80 to 49.80): VL0

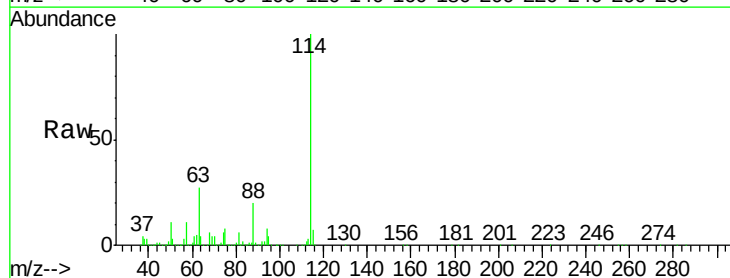
Ion 51.10 (50.80 to 51.80): VL0

Ion 86.00 (85.70 to 86.70): VL0



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.19 min Scan# 1369
Delta R.T. 0.00 min
Lab File: VL035286.D
Acq: 30 Jul 2020 19:21

Tgt Ion:	114	Resp:	2631741
Ion	Ratio	Lower	Upper
114	100		
63	27.4	22.2	33.2
88	19.4	15.4	23.0

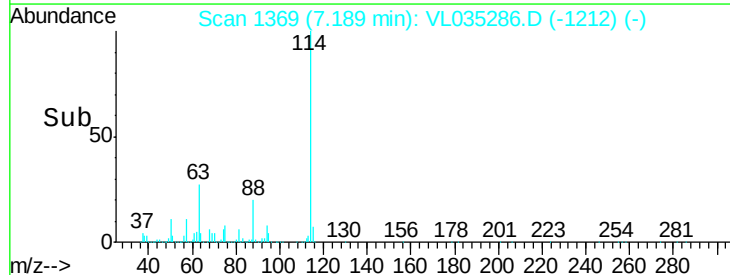
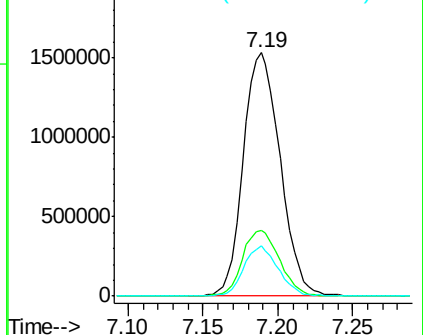


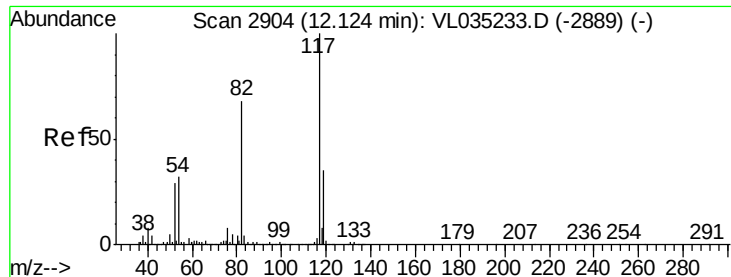
Abundance

Ion 114.10 (113.80 to 114.80): V

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0

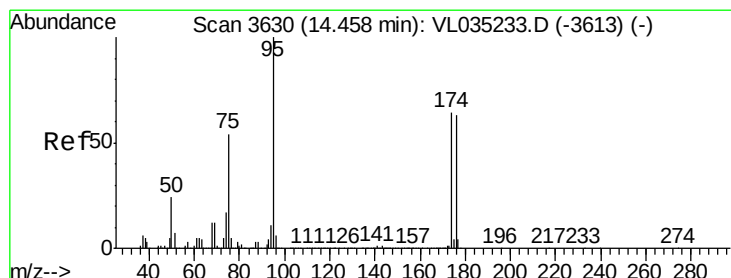
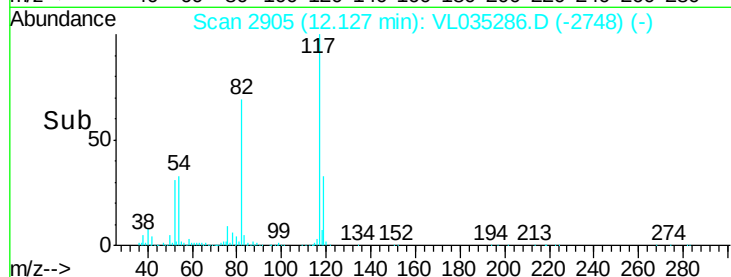
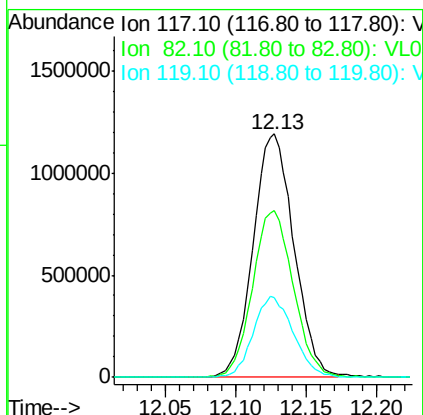
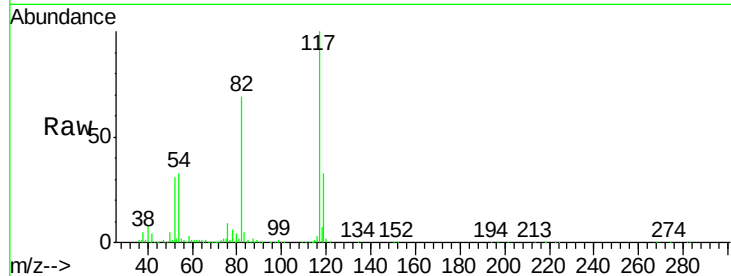




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.13 min Scan# 2905
Delta R.T. 0.00 min
Lab File: VL035286.D
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Tot Ion:117 Resp: 2405021
Ion Ratio Lower Upper
117 100
82 69.0 52.4 78.6
119 32.9 24.6 36.8



#68
1-Bromo-4-Fluorobenzene
Concen: 10.397 ppbv
RT: 14.46 min Scan# 3631
Delta R.T. 0.00 min
Lab File: VL035286.D
Acq: 30 Jul 2020 19:21

Tgt Ion: 95 Resp: 1998098
Ion Ratio Lower Upper
95 100
174 64.7 52.7 79.1
175 4.6 3.9 5.9

