

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL073020\
 Data File : VL035287.D
 Acq On : 30 Jul 2020 20:02
 Operator : SY/AP
 Sample : OC CAN 10443
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC CAN 10443

Quant Time: Jul 31 05:26:30 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	1049891	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	2588397	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.12	117	2342307	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.46	95	1938226	10.36	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.60%

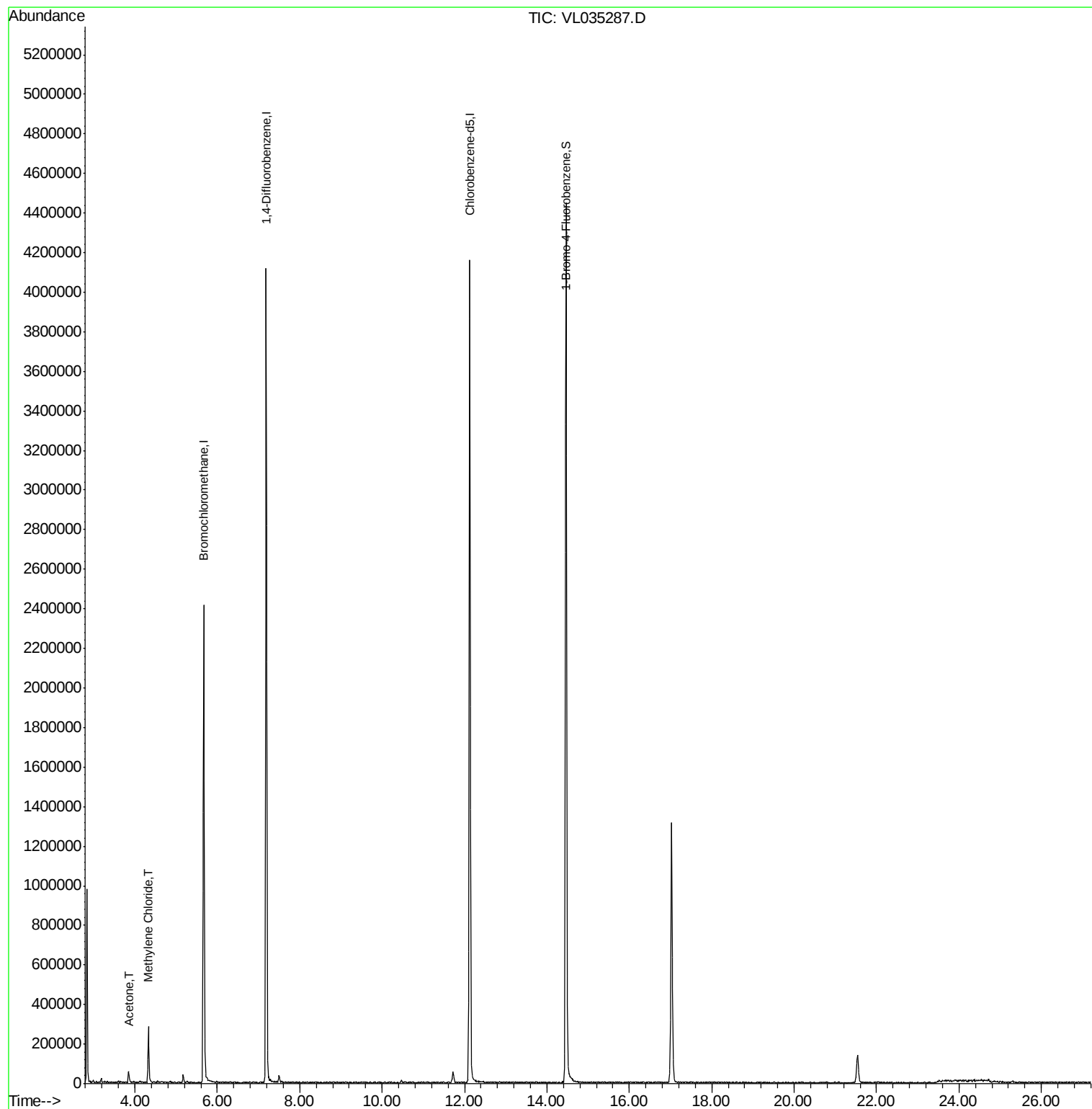
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.84	43	49270	0.352	ppbv	# 63
20) Methylene Chloride	4.32	84	94457	1.482	ppbv	84

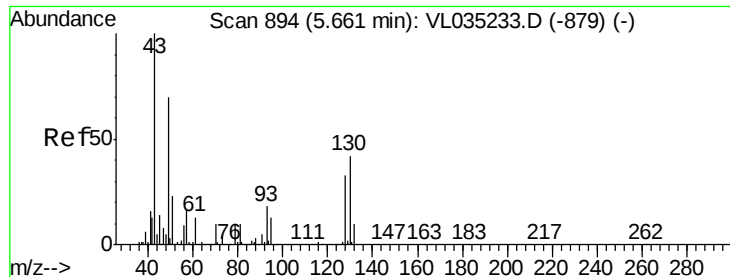
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VL035287.D

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Instrument :

MSVOA_L

ClientSampleId :

QC CAN 10443

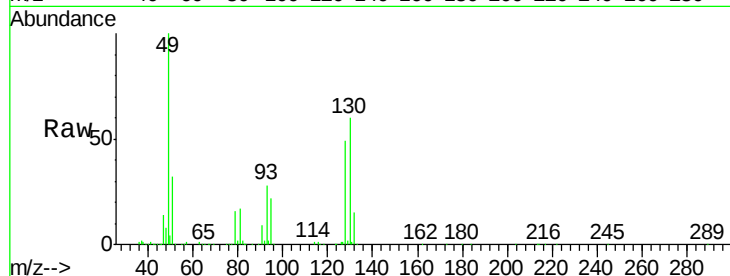
Tot Ion: 49 Resp: 1049891

Ion Ratio Lower Upper

49 100

128 50.2 24.0 72.0

130 63.0 30.7 92.1



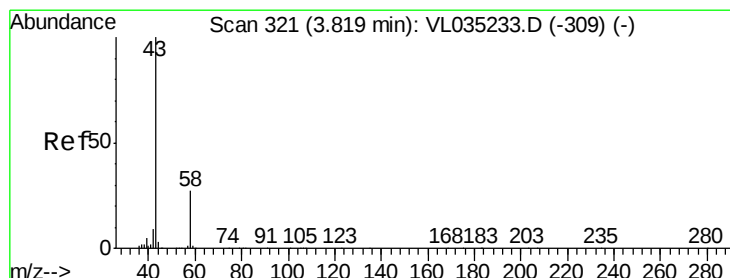
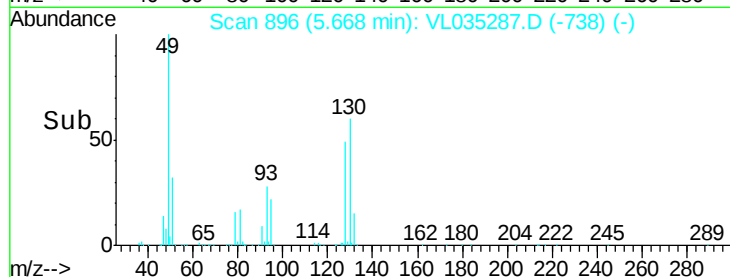
Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0

5.67

Time-->



#15

Acetone

Concen: 0.352 ppbv

RT: 3.84 min Scan# 329

Delta R.T. 0.03 min

Lab File: VL035287.D

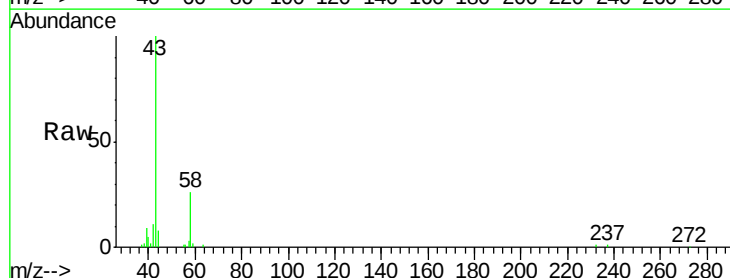
Acq: 30 Jul 2020 20:02

Tgt Ion: 43 Resp: 49270

Ion Ratio Lower Upper

43 100

58 46.3 21.8 32.6#

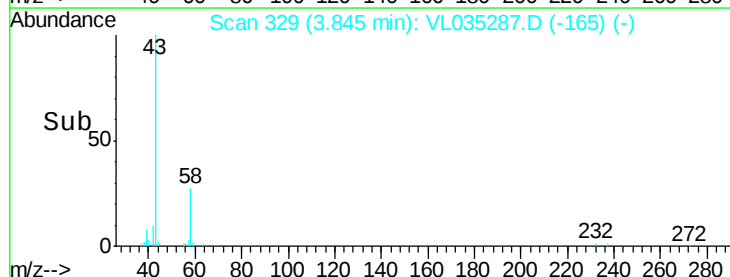


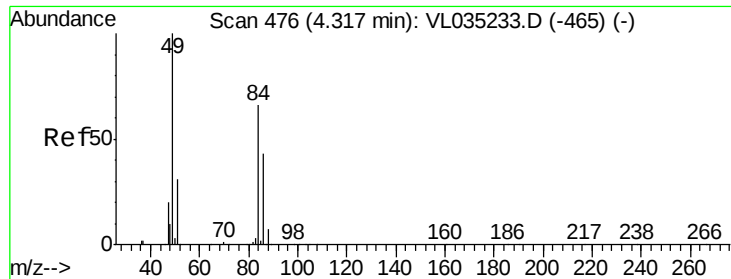
Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

3.84

Time-->

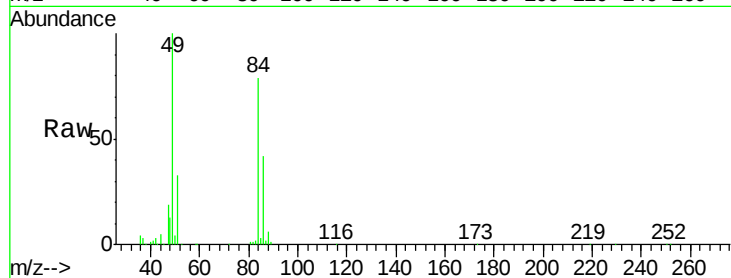




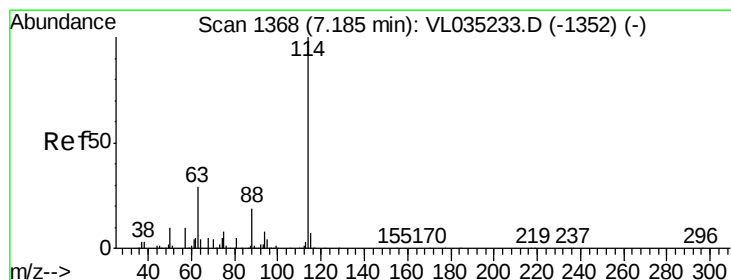
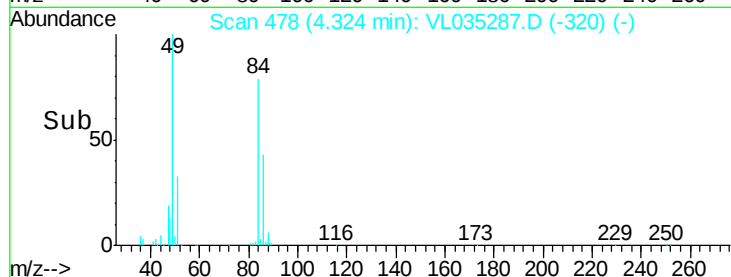
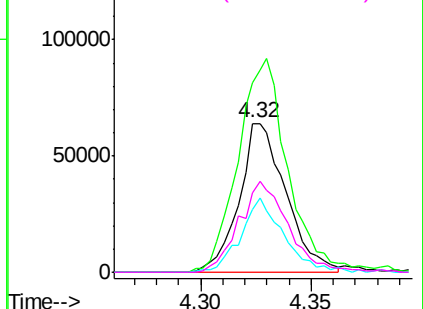
#20
Methvlene Chloride
Concen: 1.482 ppbv
RT: 4.32 min Scan# 478
Delta R.T. 0.01 min
Lab File: VL035287.D
Acq: 30 Jul 2020 20:02

Instrument :
MSVOA_L
ClientSampleId :
QC CAN 10443

Tot Ion: 84 Resp: 94457
Ion Ratio Lower Upper
84 100
49 127.1 121.0 181.4
51 42.0 37.7 56.5
86 53.8 52.2 78.4

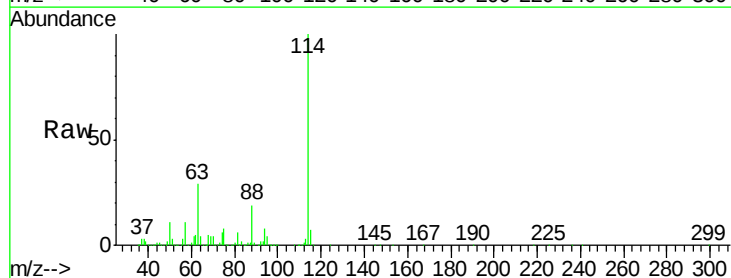


Abundance Ion 84.00 (83.70 to 84.70): VL0
Ion 49.10 (48.80 to 49.80): VL0
Ion 51.10 (50.80 to 51.80): VL0
Ion 86.00 (85.70 to 86.70): VL0

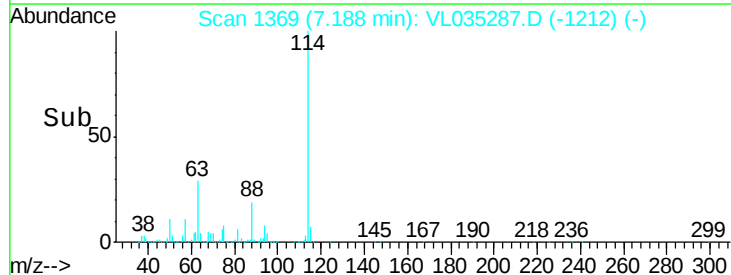
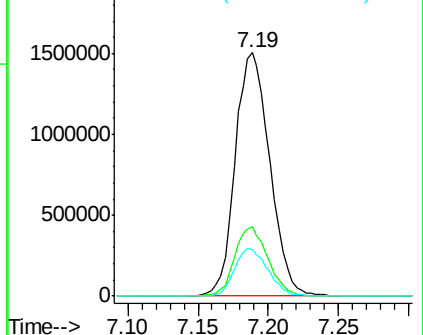


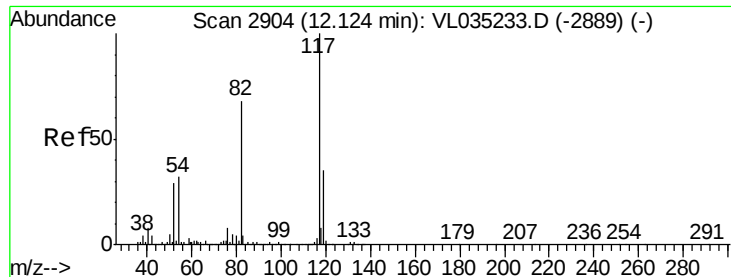
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.19 min Scan# 1369
Delta R.T. 0.00 min
Lab File: VL035287.D
Acq: 30 Jul 2020 20:02

Tgt Ion: 114 Resp: 2588397
Ion Ratio Lower Upper
114 100
63 27.6 22.2 33.2
88 19.1 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

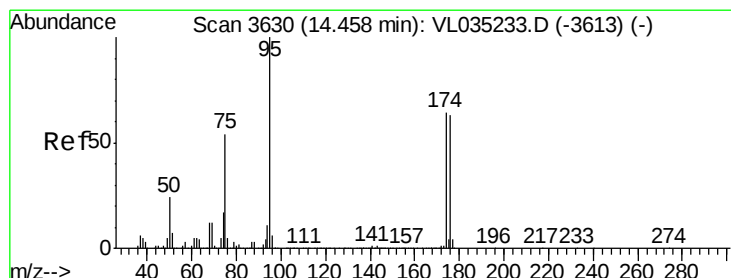
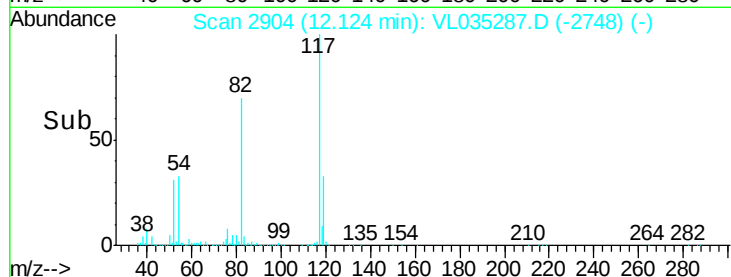
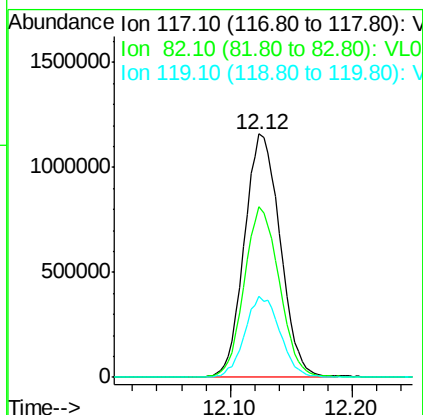
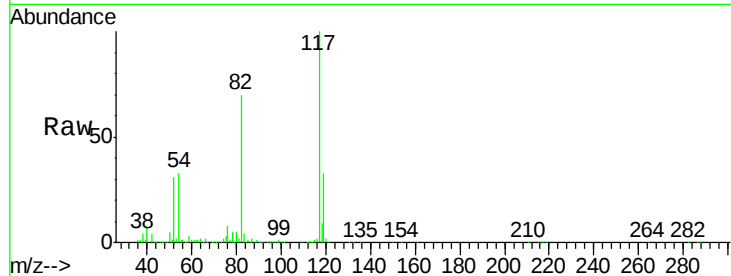




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.12 min Scan# 2904
Delta R.T. 0.00 min
Lab File: VL035287.D
Acq: 30 Jul 2020 20:02

Instrument :
MSVOA_L
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Tot Ion:117 Resp: 2342307
Ion Ratio Lower Upper
117 100
82 69.1 52.4 78.6
119 32.9 24.6 36.8



#68
1-Bromo-4-Fluorobenzene
Concen: 10.356 ppbv
RT: 14.46 min Scan# 3631
Delta R.T. 0.00 min
Lab File: VL035287.D
Acq: 30 Jul 2020 20:02

Tgt Ion: 95 Resp: 1938226
Ion Ratio Lower Upper
95 100
174 65.7 52.7 79.1
175 4.6 3.9 5.9

