

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL073020\
 Data File : VL035288.D
 Acq On : 30 Jul 2020 20:42
 Operator : SY/AP
 Sample : OC CAN 10280
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC CAN 10280

Quant Time: Jul 31 05:27:49 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	1042583	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	2582522	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.12	117	2345444	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.46	95	1947542	10.39	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.90%

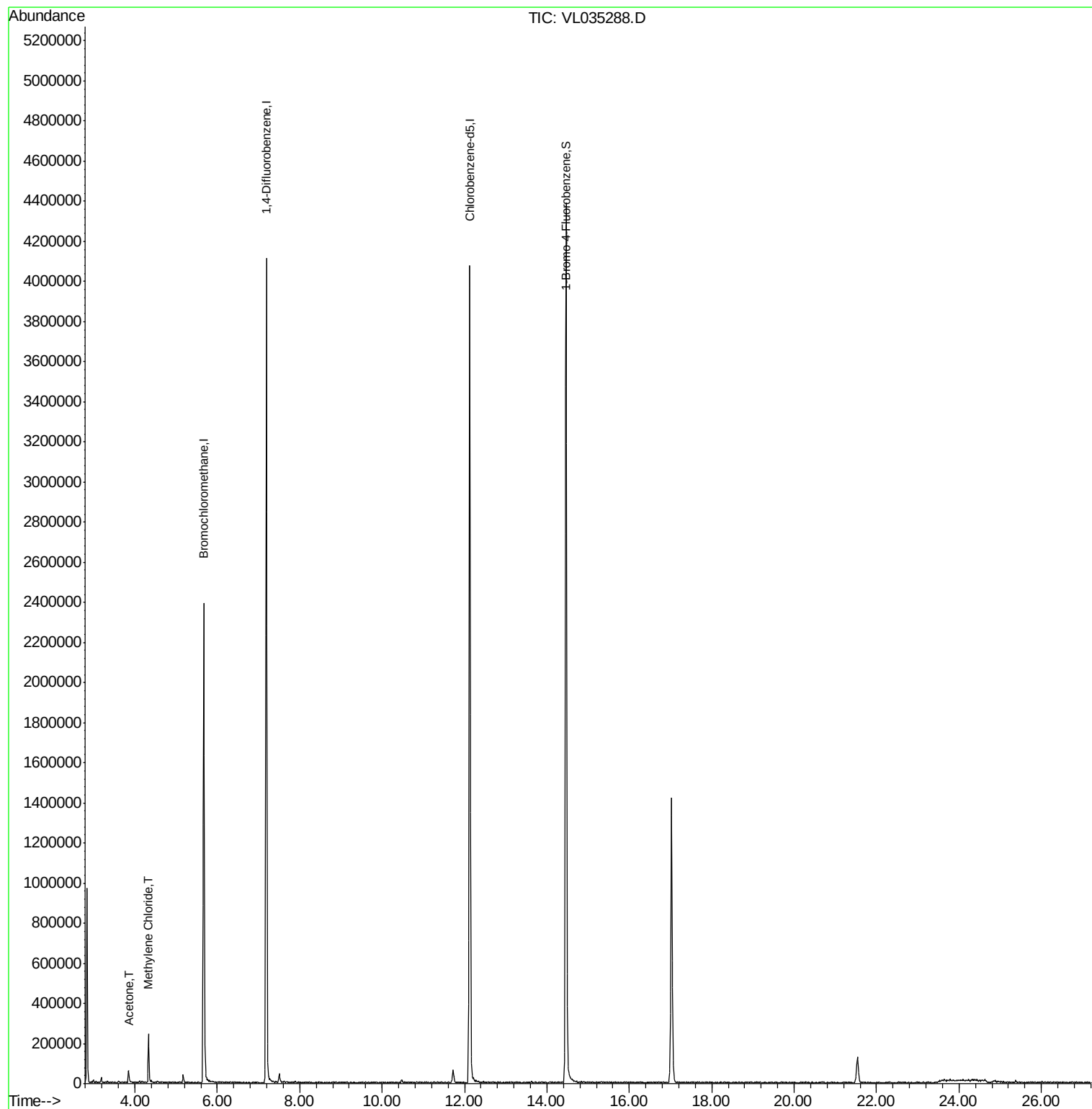
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.84	43	53492	0.385	ppbv #	74
20) Methylene Chloride	4.33	84	88667	1.401	ppbv #	82

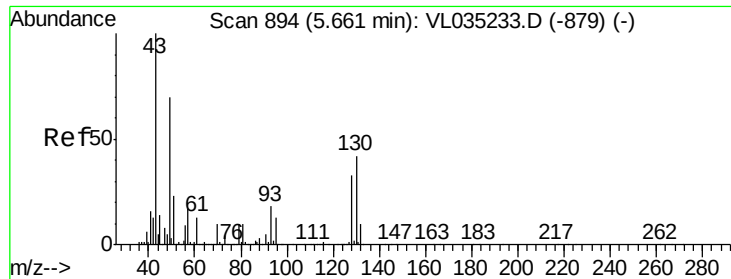
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 895

Delta R.T. 0.00 min

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Instrument :

MSVOA_L

ClientSampleId :

QC CAN 10280

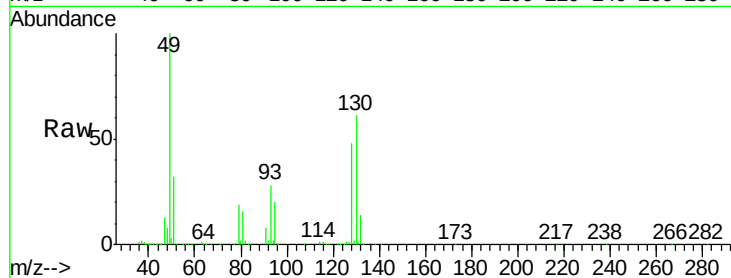
Tot Ion: 49 Resp: 1042583

Ion Ratio Lower Upper

49 100

128 51.0 24.0 72.0

130 64.6 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

5.66

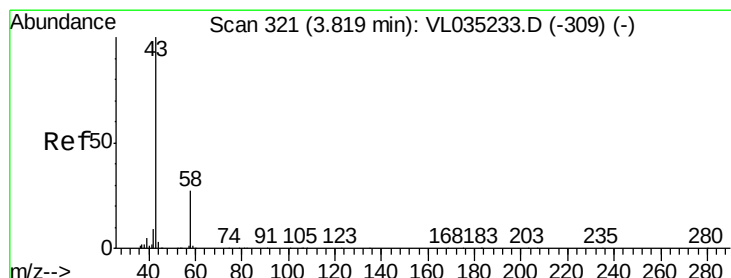
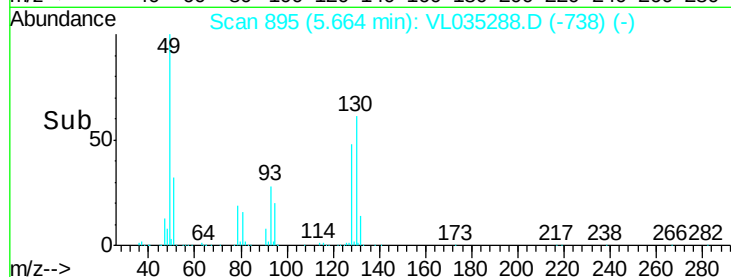
600000

400000

200000

0

Time-->



#15

Acetone

Concen: 0.385 ppbv

RT: 3.84 min Scan# 328

Delta R.T. 0.02 min

Lab File: VL035288.D

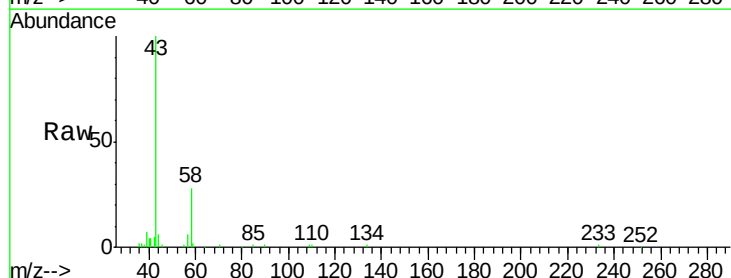
Acq: 30 Jul 2020 20:42

Tgt Ion: 43 Resp: 53492

Ion Ratio Lower Upper

43 100

58 40.8 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

40000

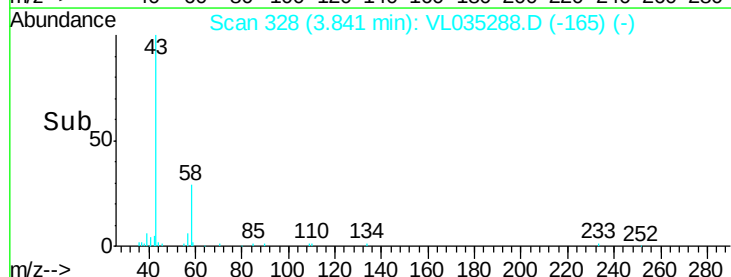
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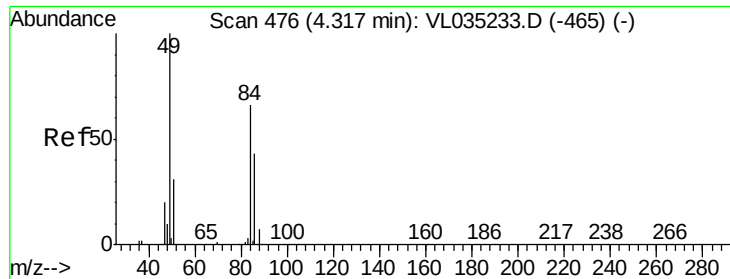
20000

10000

0

Time-->

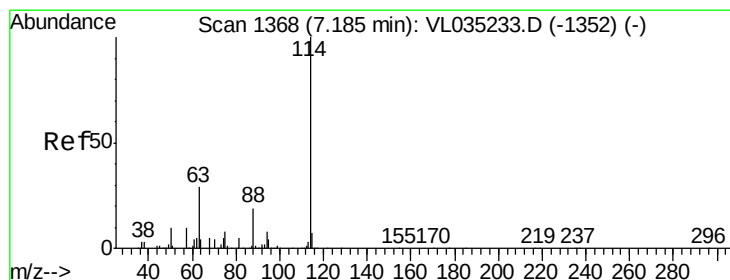
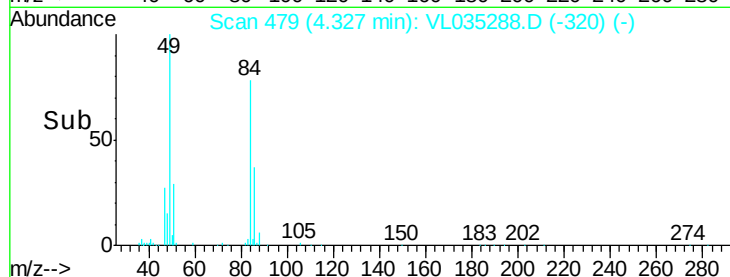
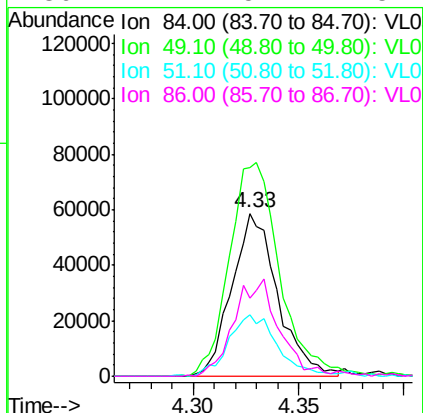
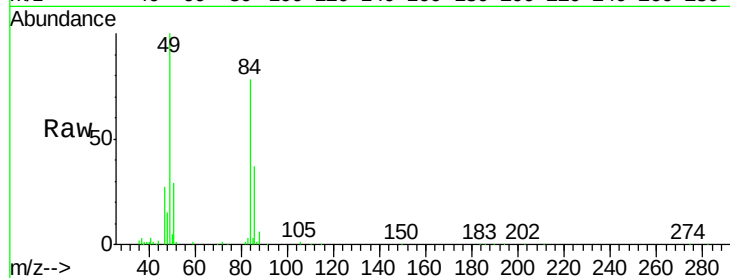




#20
Methylene Chloride
Concen: 1.401 ppbv
RT: 4.33 min Scan# 479
Delta R.T. 0.01 min
Lab File: VL035288.D
Acq: 30 Jul 2020 20:42

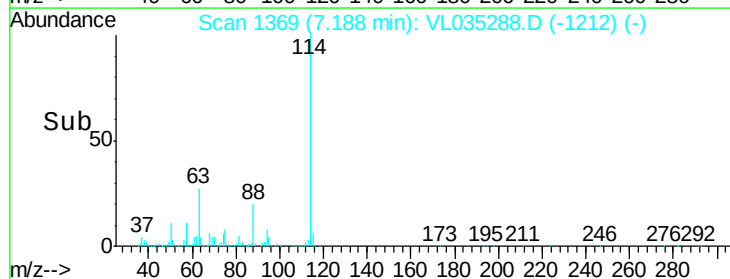
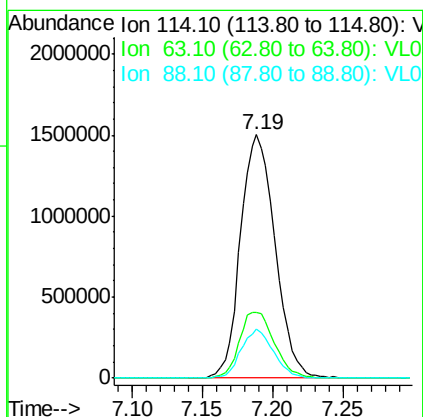
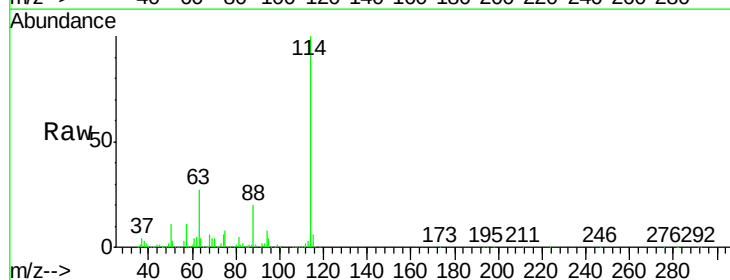
Instrument :
MSVOA_L
ClientSampleId :
QC CAN 10280

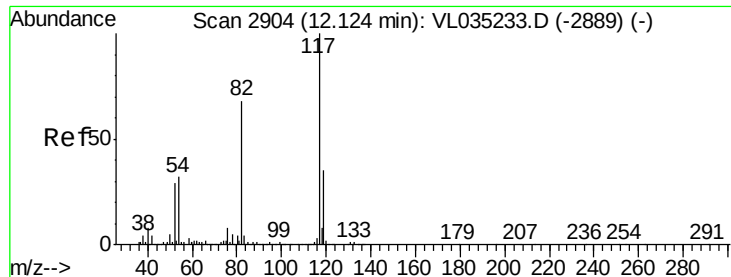
Tot Ion: 84 Resp: 88667
Ion Ratio Lower Upper
84 100
49 128.2 121.0 181.4
51 37.8 37.7 56.5
86 47.2 52.2 78.4#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.19 min Scan# 1369
Delta R.T. 0.00 min
Lab File: VL035288.D
Acq: 30 Jul 2020 20:42

Tgt Ion: 114 Resp: 2582522
Ion Ratio Lower Upper
114 100
63 27.7 22.2 33.2
88 19.0 15.4 23.0

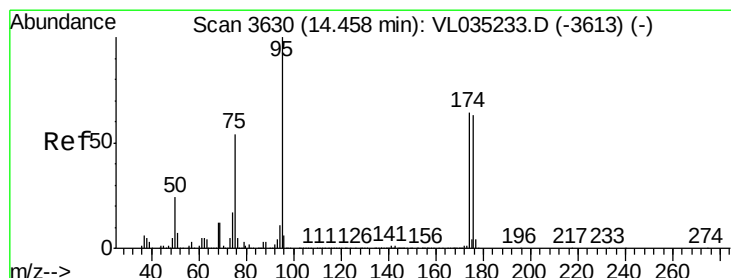
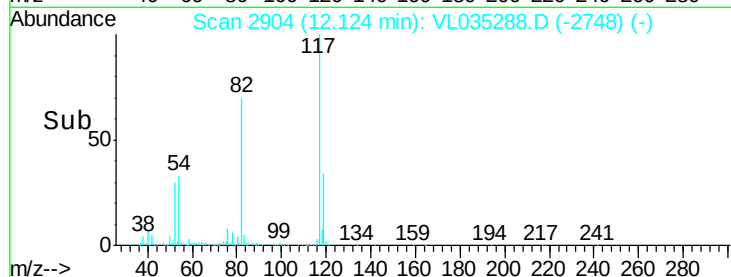
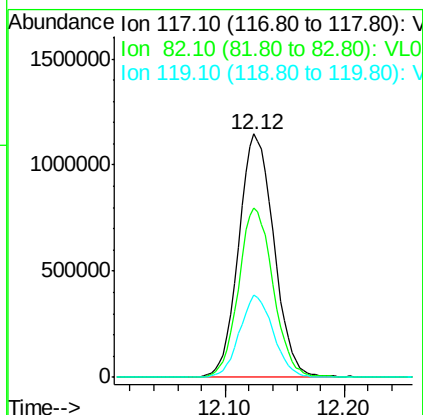
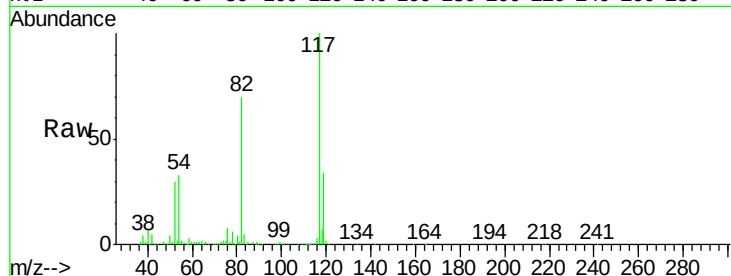




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.12 min Scan# 2904
Delta R.T. 0.00 min
Lab File: VL035288.D
Acq: 30 Jul 2020 20:42

Instrument :
MSVOA_L
ClientSampleId :
QC CAN 10280

Tot Ion:117 Resp: 2345444
Ion Ratio Lower Upper
117 100
82 68.9 52.4 78.6
119 32.6 24.6 36.8



#68
1-Bromo-4-Fluorobenzene
Concen: 10.392 ppbv
RT: 14.46 min Scan# 3631
Delta R.T. 0.00 min
Lab File: VL035288.D
Acq: 30 Jul 2020 20:42

Tgt Ion: 95 Resp: 1947542
Ion Ratio Lower Upper
95 100
174 64.8 52.7 79.1
175 4.6 3.9 5.9

