

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL073020\
 Data File : VL035268.D
 Acq On : 30 Jul 2020 6:07
 Operator : SY/AP
 Sample : OC CAN 10282
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC CAN 10282

Quant Time: Jul 30 07:47:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL072920AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed 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	1076334	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2684230	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.12	117	2403579	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.46	95	1970452	10.26	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.60%

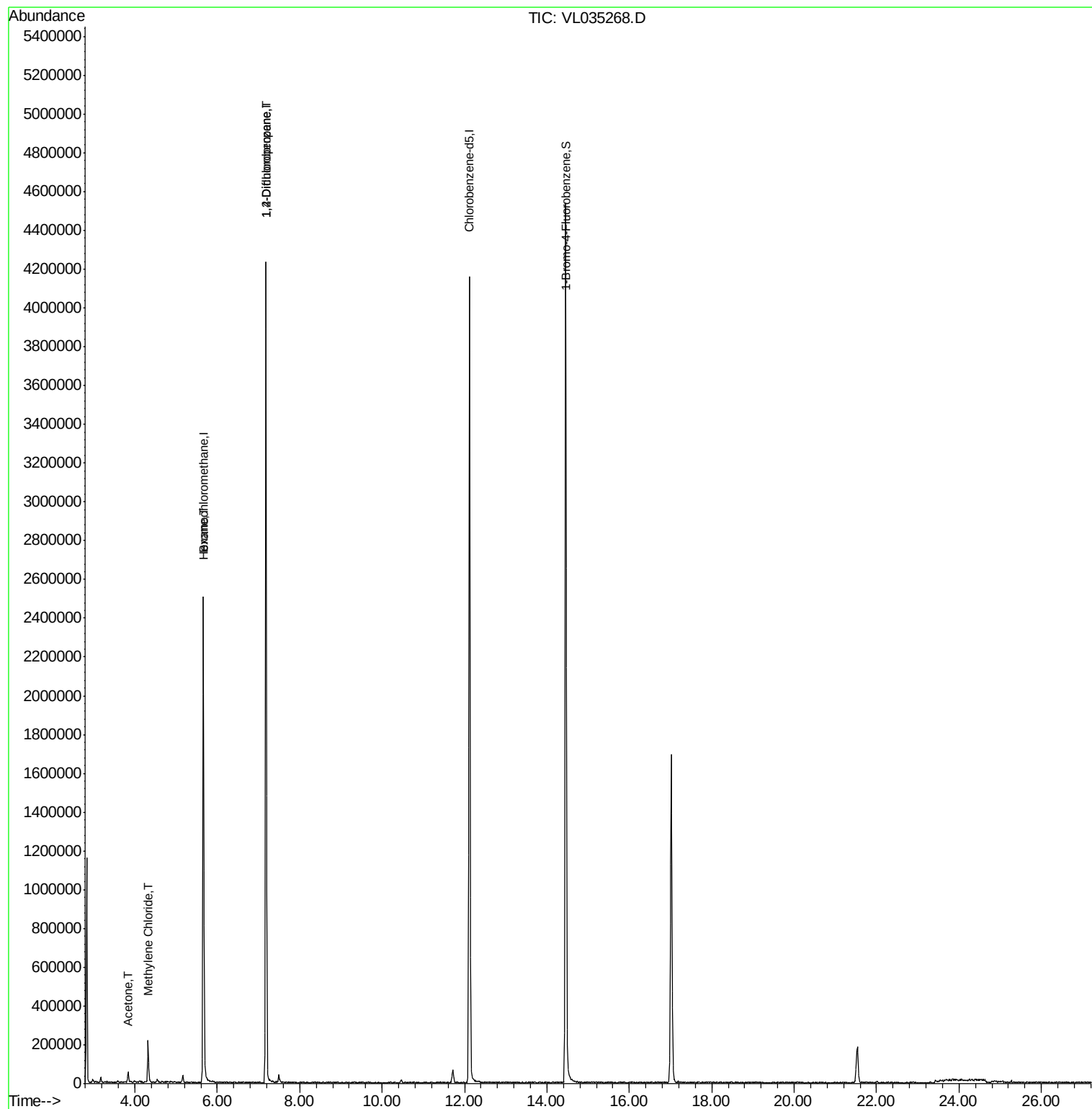
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.83	43	51173	0.356	ppbv #	67
20) Methylene Chloride	4.32	84	75039	1.148	ppbv #	91
26) Hexane	5.67	57	8348	0.083	ppbv #	1
39) 1,2-Dichloropropane	7.18	63	732065	9.836	ppbv #	23

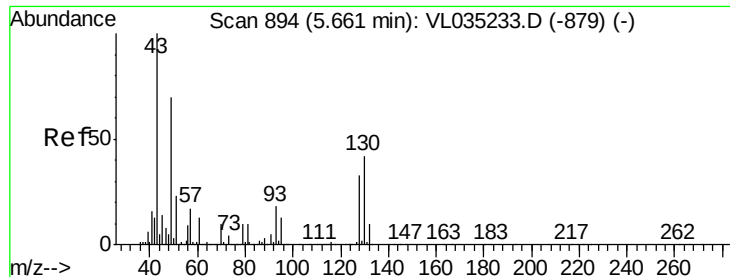
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 893

Delta R.T. -0.00 min

Lab File: VL035268.D

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Instrument :

MSVOA_L

ClientSampleId :

QC CAN 10282

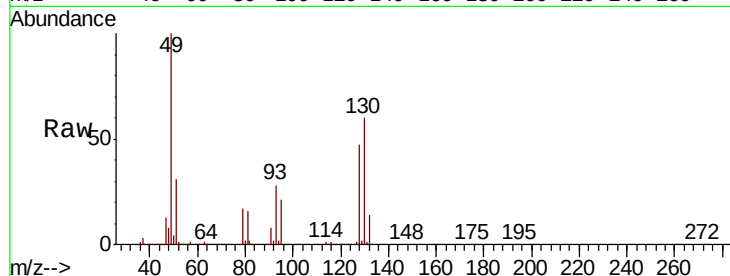
Tot Ion: 49 Resp: 1076334

Ion Ratio Lower Upper

49 100

128 50.8 24.0 72.0

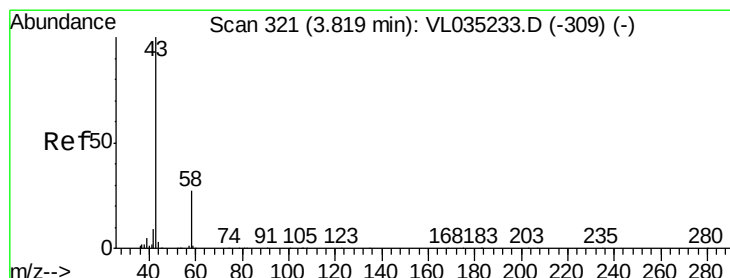
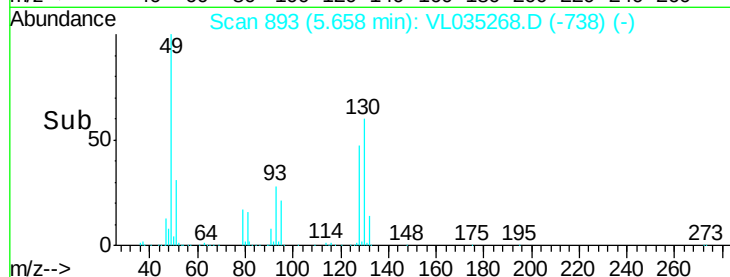
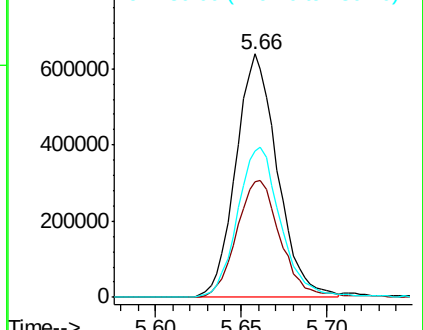
130 64.0 30.7 92.1



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



#15

Acetone

Concen: 0.356 ppbv

RT: 3.83 min Scan# 324

Delta R.T. 0.01 min

Lab File: VL035268.D

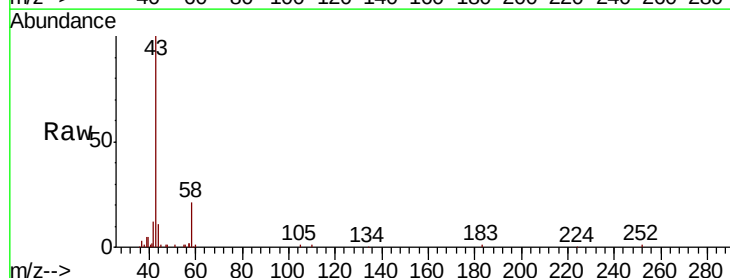
Acq: 30 Jul 2020 6:07

Tgt Ion: 43 Resp: 51173

Ion Ratio Lower Upper

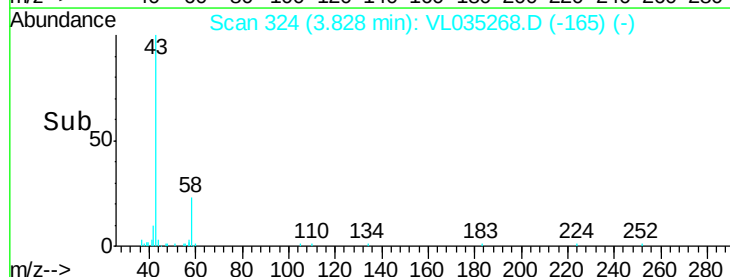
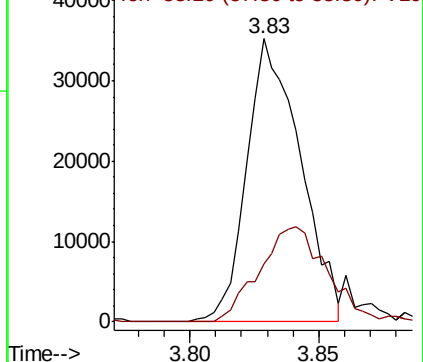
43 100

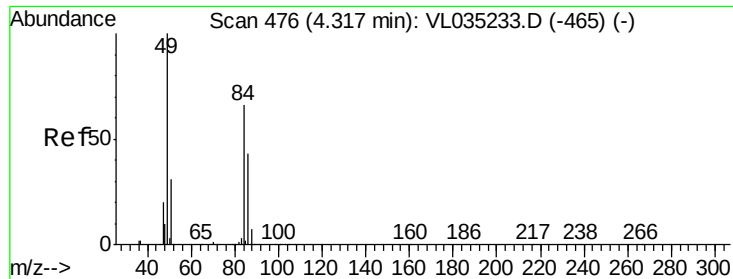
58 44.1 21.8 32.6#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

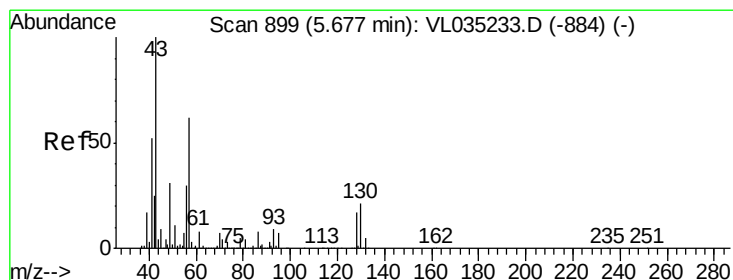
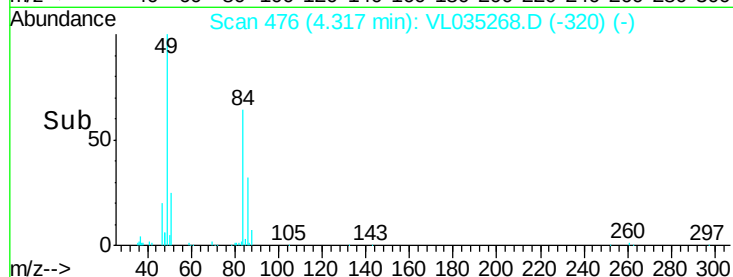
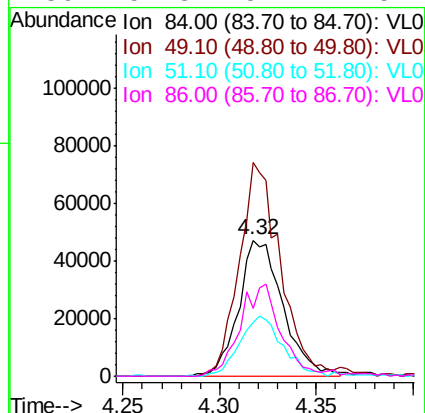
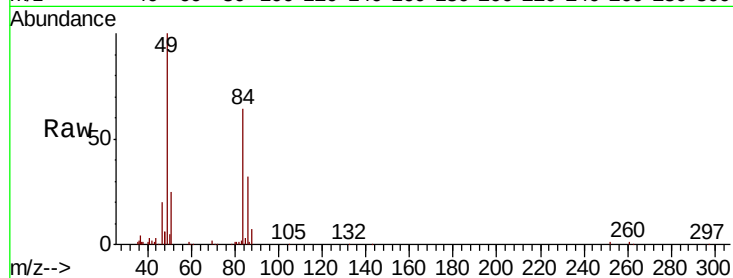




#20
Methvlene Chloride
Concen: 1.148 ppbv
RT: 4.32 min Scan# 476
Delta R.T. 0.00 min
Lab File: VL035268.D
Acq: 30 Jul 2020 6:07

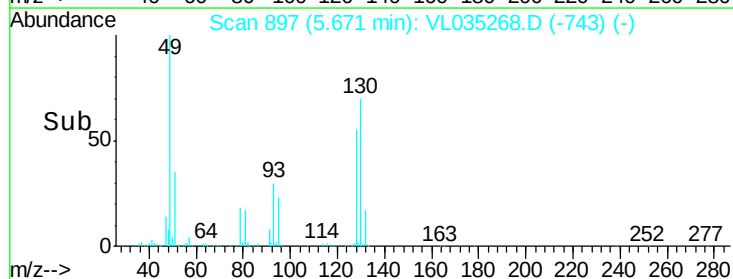
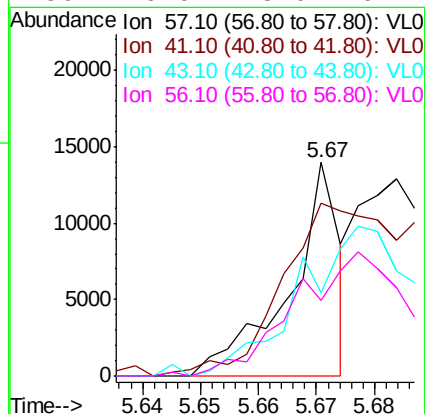
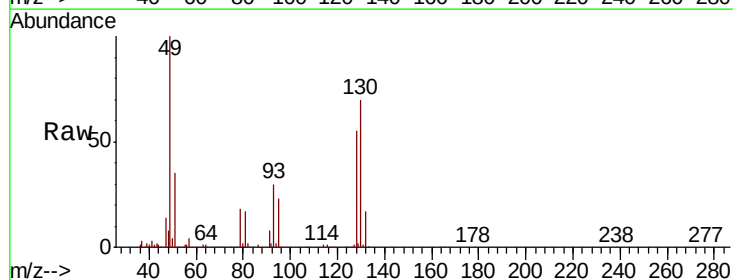
Instrument :
MSVOA_L
ClientSampleId :
QC CAN 10282

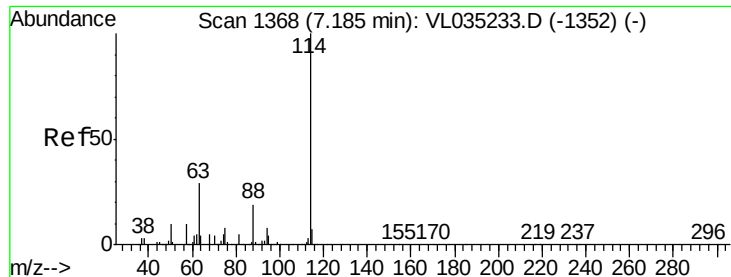
Tot Ion: 84 Resp: 75039
Ion Ratio Lower Upper
84 100
49 157.0 121.0 181.4
51 38.6 37.7 56.5
86 51.3 52.2 78.4#



#26
Hexane
Concen: 0.083 ppbv
RT: 5.67 min Scan# 897
Delta R.T. -0.01 min
Lab File: VL035268.D
Acq: 30 Jul 2020 6:07

Tgt Ion: 57 Resp: 8348
Ion Ratio Lower Upper
57 100
41 256.7 73.9 110.9#
43 0.0 177.6 266.4#
56 0.0 43.0 64.4#

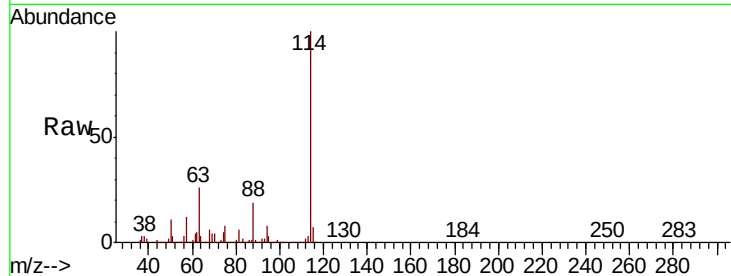




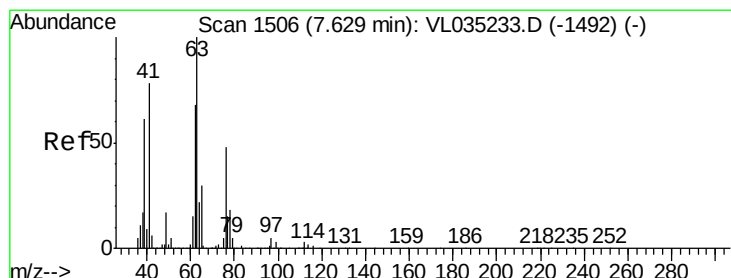
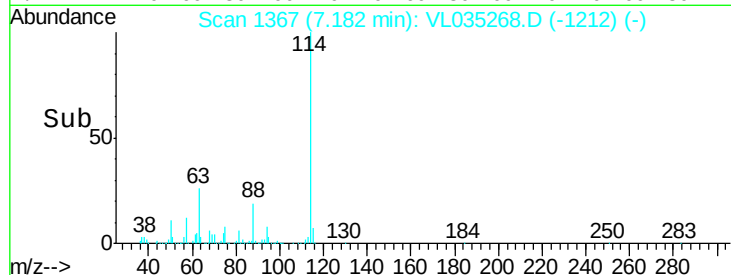
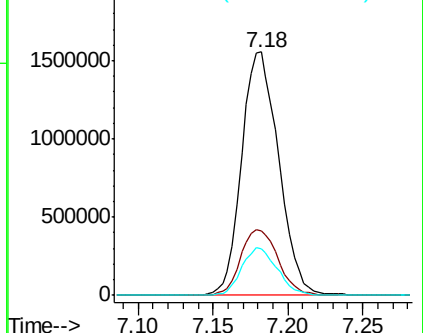
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18 min Scan# 1367
 Delta R.T. -0.00 min
 Lab File: VL035268.D
 Acq: 30 Jul 2020 6:07

Instrument :
 MSVOA_L
 ClientSampleId :
 QC CAN 10282

Tot Ion:114 Resp: 2684230
 Ion Ratio Lower Upper
 114 100
 63 27.4 22.2 33.2
 88 19.0 15.4 23.0

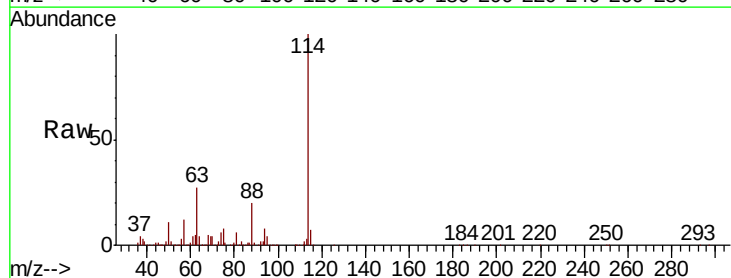


Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

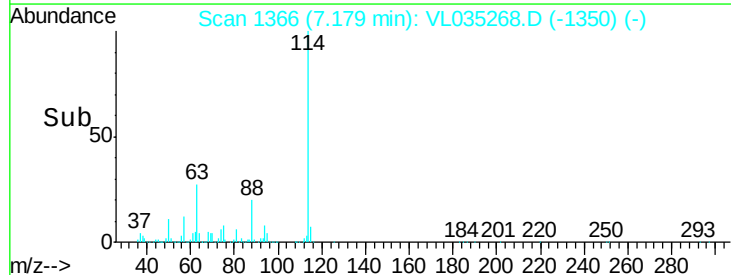
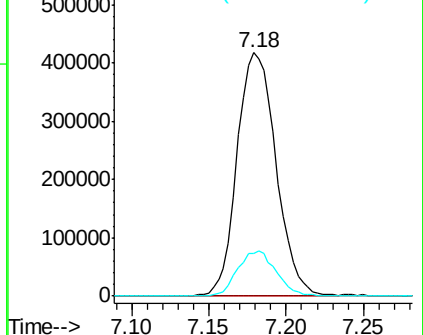


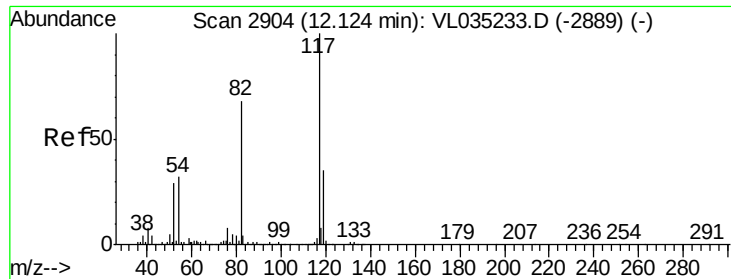
#39
 1,2-Dichloropropane
 Concen: 9.836 ppbv
 RT: 7.18 min Scan# 1366
 Delta R.T. -0.45 min
 Lab File: VL035268.D
 Acq: 30 Jul 2020 6:07

Tgt Ion: 63 Resp: 732065
 Ion Ratio Lower Upper
 63 100
 41 0.1 62.2 93.4#
 62 17.4 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

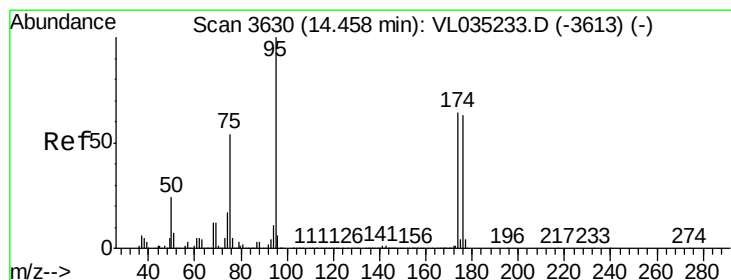
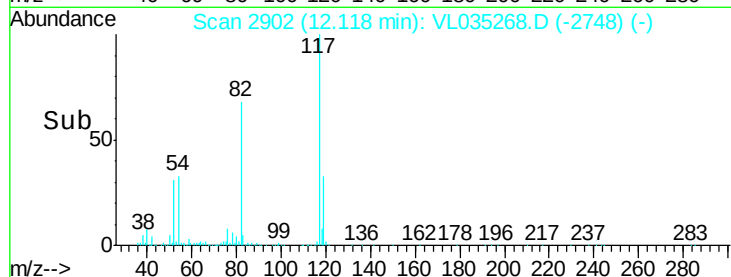
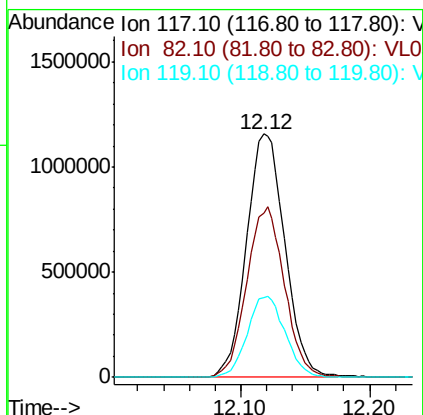
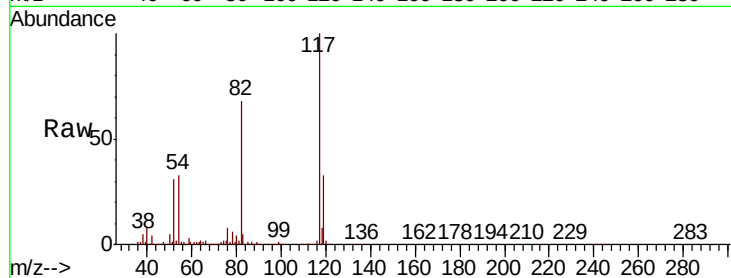




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.12 min Scan# 2902
Delta R.T. -0.01 min
Lab File: VL035268.D
Acq: 30 Jul 2020 6:07

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Tot Ion:117 Resp: 2403579
Ion Ratio Lower Upper
117 100
82 69.1 52.4 78.6
119 33.0 24.6 36.8



#68
1-Bromo-4-Fluorobenzene
Concen: 10.259 ppbv
RT: 14.46 min Scan# 3629
Delta R.T. -0.00 min
Lab File: VL035268.D
Acq: 30 Jul 2020 6:07

Tgt Ion: 95 Resp: 1970452
Ion Ratio Lower Upper
95 100
174 66.3 52.7 79.1
175 4.6 3.9 5.9

