

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL120720\
 Data File : VL036078.D
 Acq On : 7 Dec 2020 23:47
 Operator : SY/AP
 Sample : OC120120 CAN 10258
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC120120 CAN 10258

Quant Time: Dec 08 08:40:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL120720AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Dec 07 16:56:49 2020
 QLast Update : Mon Dec 07 16:56:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	1230249	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	2814969	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	2472165	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	1958785	9.98	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.80%

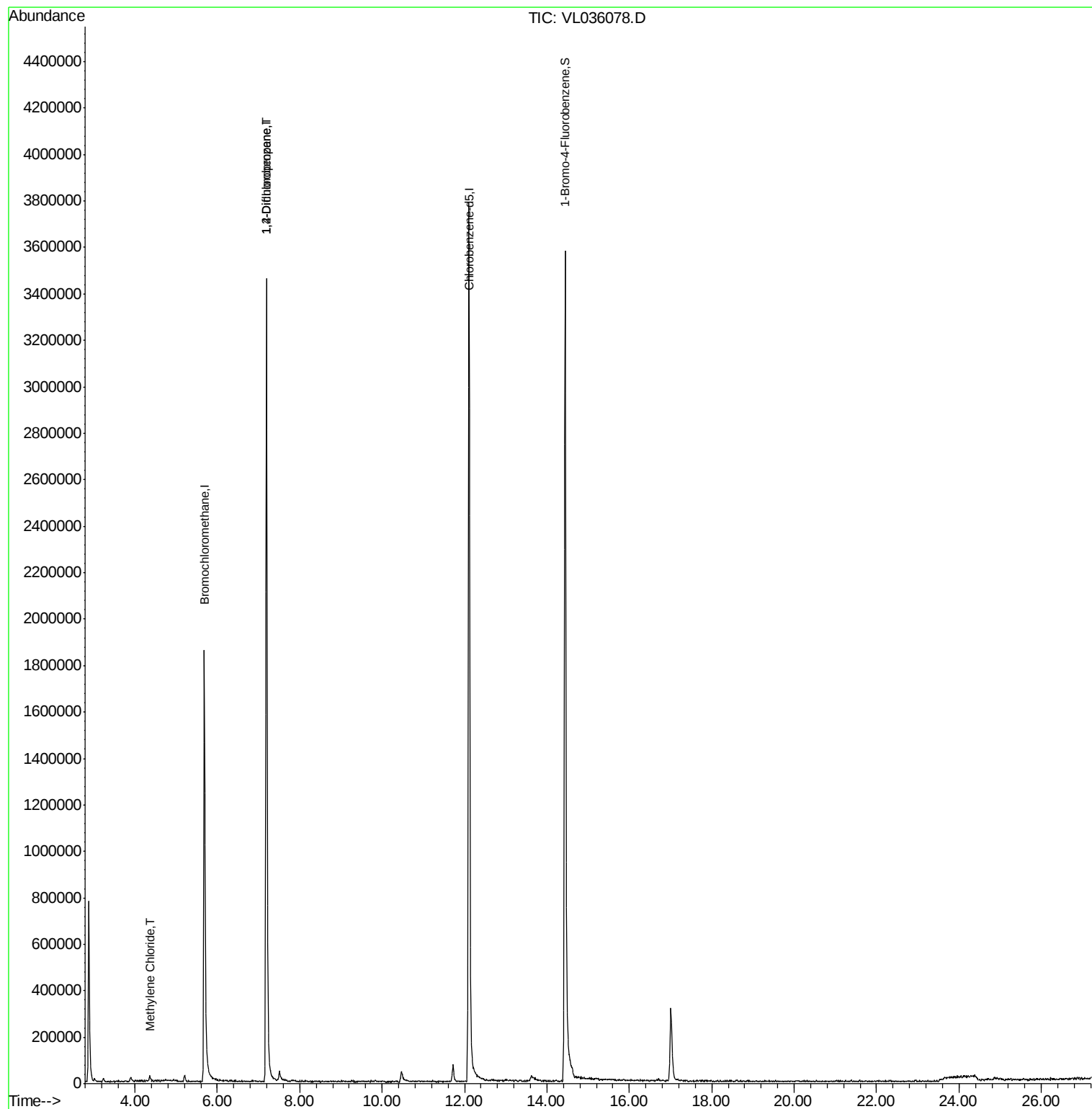
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
20) Methylene Chloride	4.36	84	2048	0.034	ppbv #	42
39) 1,2-Dichloropropane	7.19	63	812873	8.628	ppbv #	24

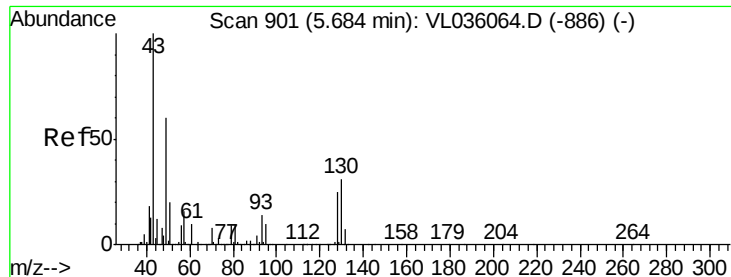
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Dec 07 16:56:49 2020
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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 min Scan# 901

Delta R.T. 0.00 min

Lab File: VL036078.D

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Instrument :

MSVOA_L

ClientSampleId :

QC120120 CAN 10258

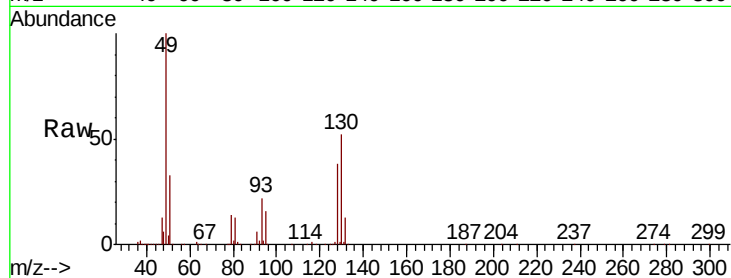
Tot Ion: 49 Resp: 1230249

Ion Ratio Lower Upper

49 100

128 41.9 21.1 63.1

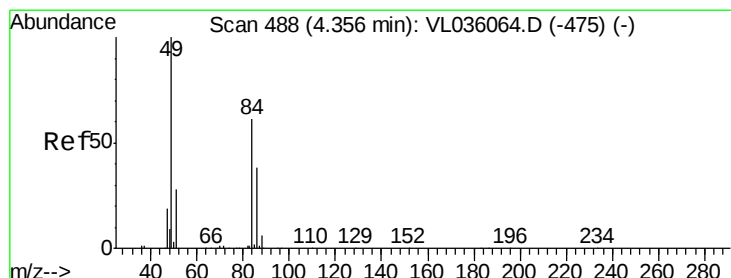
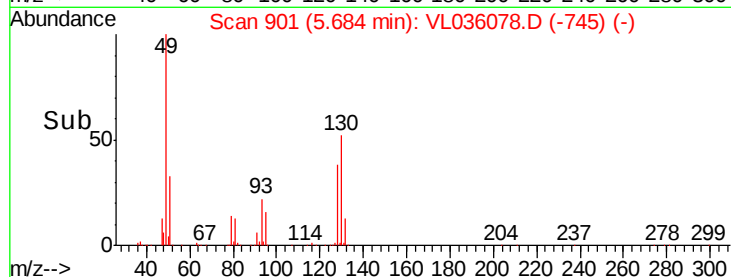
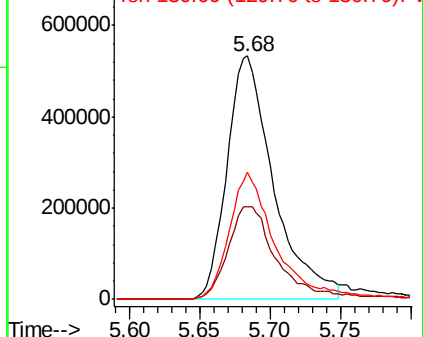
130 53.3 27.1 81.3



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



#20

Methylene Chloride

Concen: 0.034 ppbv

RT: 4.36 min Scan# 489

Delta R.T. 0.00 min

Lab File: VL036078.D

Acq: 7 Dec 2020 23:47

Tgt Ion: 84 Resp: 2048

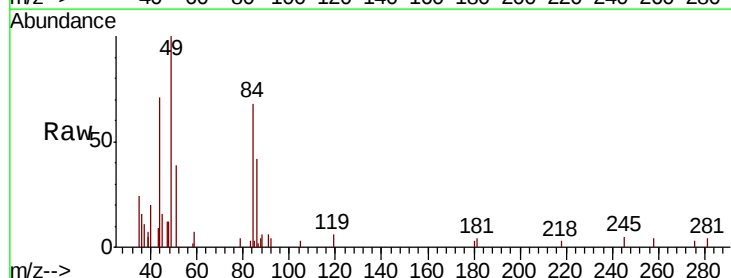
Ion Ratio Lower Upper

84 100

49 40.3 133.0 199.4#

51 52.2 38.9 58.3

86 58.0 48.8 73.2

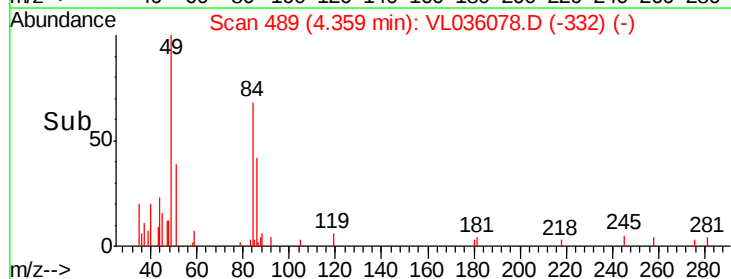
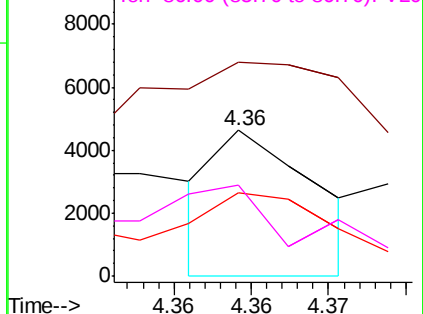


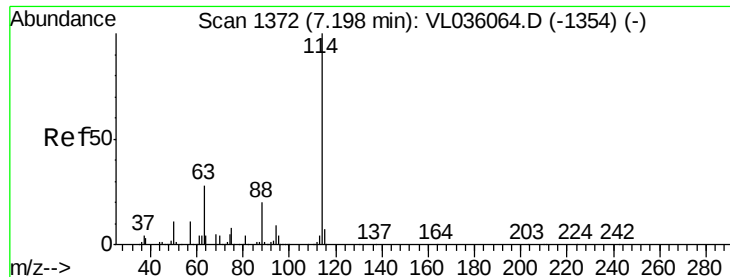
Abundance Ion 84.00 (83.70 to 84.70): VL0

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

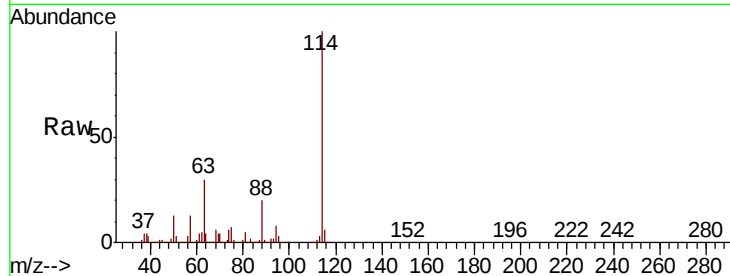




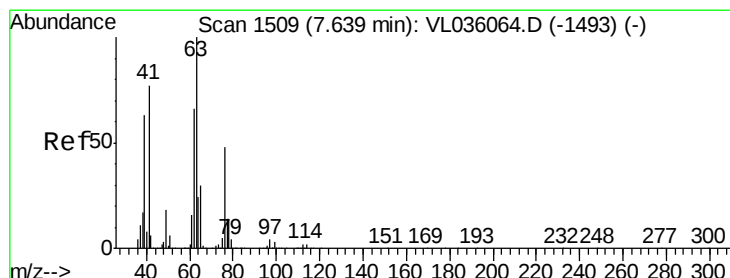
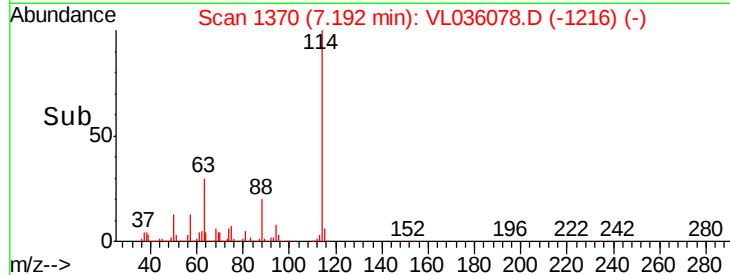
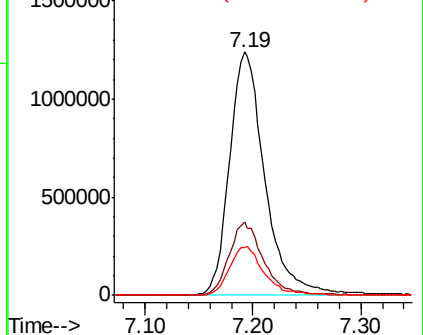
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.19 min Scan# 1370
 Delta R.T. -0.01 min
 Lab File: VL036078.D
 Acq: 7 Dec 2020 23:47

Instrument :
 MSVOA_L
 ClientSampleId :
 QC120120 CAN 10258

Tot Ion:114 Resp: 2814969
 Ion Ratio Lower Upper
 114 100
 63 29.6 23.6 35.4
 88 20.2 15.8 23.6

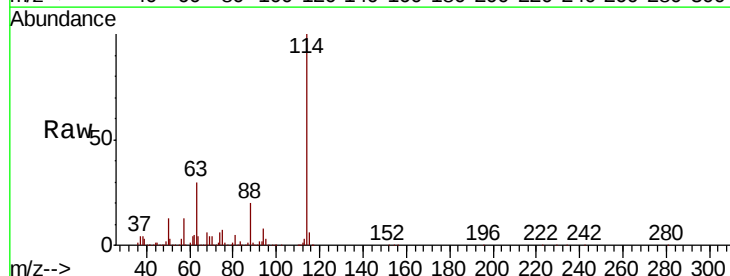


Abundance Ion 114.10 (113.80 to 114.80): V
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

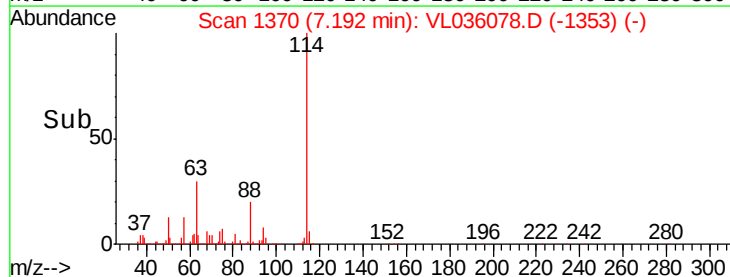
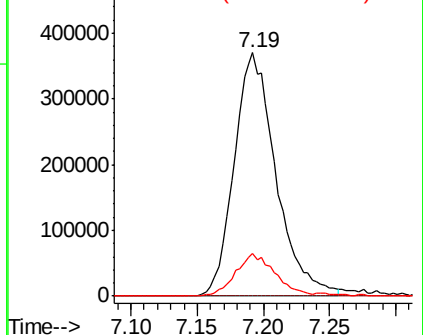


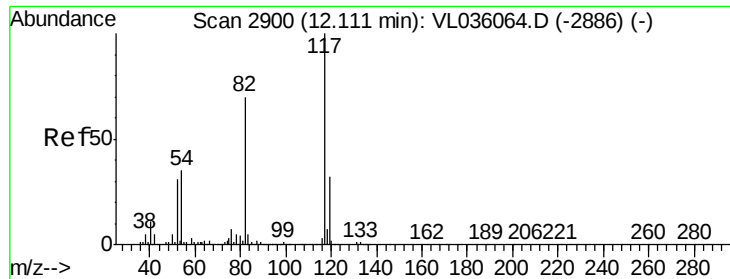
#39
 1,2-Dichloropropane
 Concen: 8.628 ppbv
 RT: 7.19 min Scan# 1370
 Delta R.T. -0.45 min
 Lab File: VL036078.D
 Acq: 7 Dec 2020 23:47

Tgt Ion: 63 Resp: 812873
 Ion Ratio Lower Upper
 63 100
 41 0.2 61.9 92.9#
 62 17.8 52.5 78.7#



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

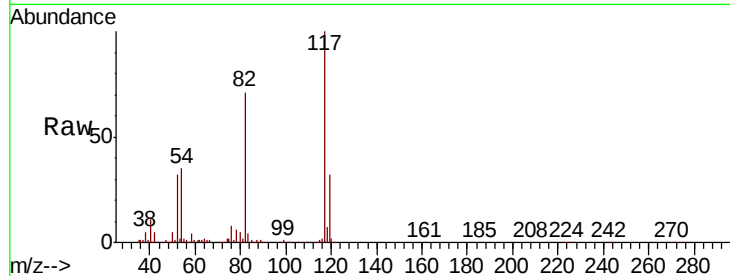




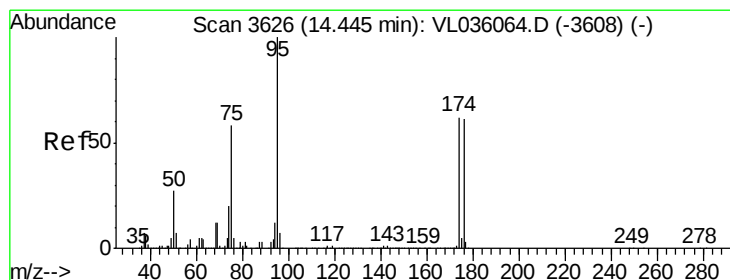
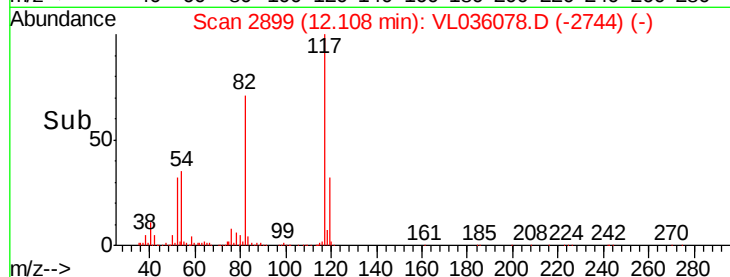
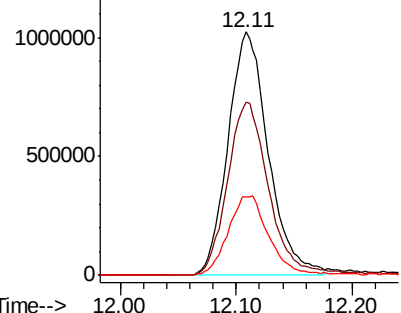
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.11 min Scan# 2899
Delta R.T. -0.00 min
Lab File: VL036078.D
Acq: 7 Dec 2020 23:47

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Tot Ion:117 Resp: 2472165
Ion Ratio Lower Upper
117 100
82 73.8 0.0 0.0#
119 33.6 0.0 0.0#

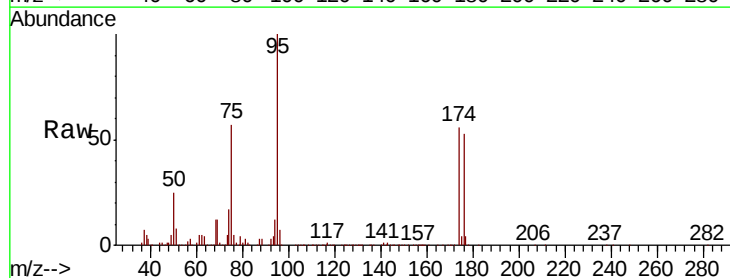


Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): VL0
Ion 119.10 (118.80 to 119.80): V



#68
1-Bromo-4-Fluorobenzene
Concen: 9.978 ppbv
RT: 14.44 min Scan# 3624
Delta R.T. -0.01 min
Lab File: VL036078.D
Acq: 7 Dec 2020 23:47

Tgt Ion: 95 Resp: 1958785
Ion Ratio Lower Upper
95 100
174 65.0 50.7 76.1
175 4.9 4.0 6.0



Abundance Ion 95.10 (94.80 to 95.80): VL0
Ion 174.00 (173.70 to 174.70): V
Ion 175.00 (174.70 to 175.70): V

