

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL092920\
 Data File : VL035730.D
 Acq On : 29 Sep 2020 18:45
 Operator : SY/AP
 Sample : OC092820 CAN 10492
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC092820 CAN 10492

Quant Time: Sep 30 04:04:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL092320AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Sep 23 07:38:05 2020
 QLast Update : Wed Sep 23 07:38:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	1121775	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.20	114	4081468	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.12	117	4093863	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.45	95	3060211	9.98	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.80%

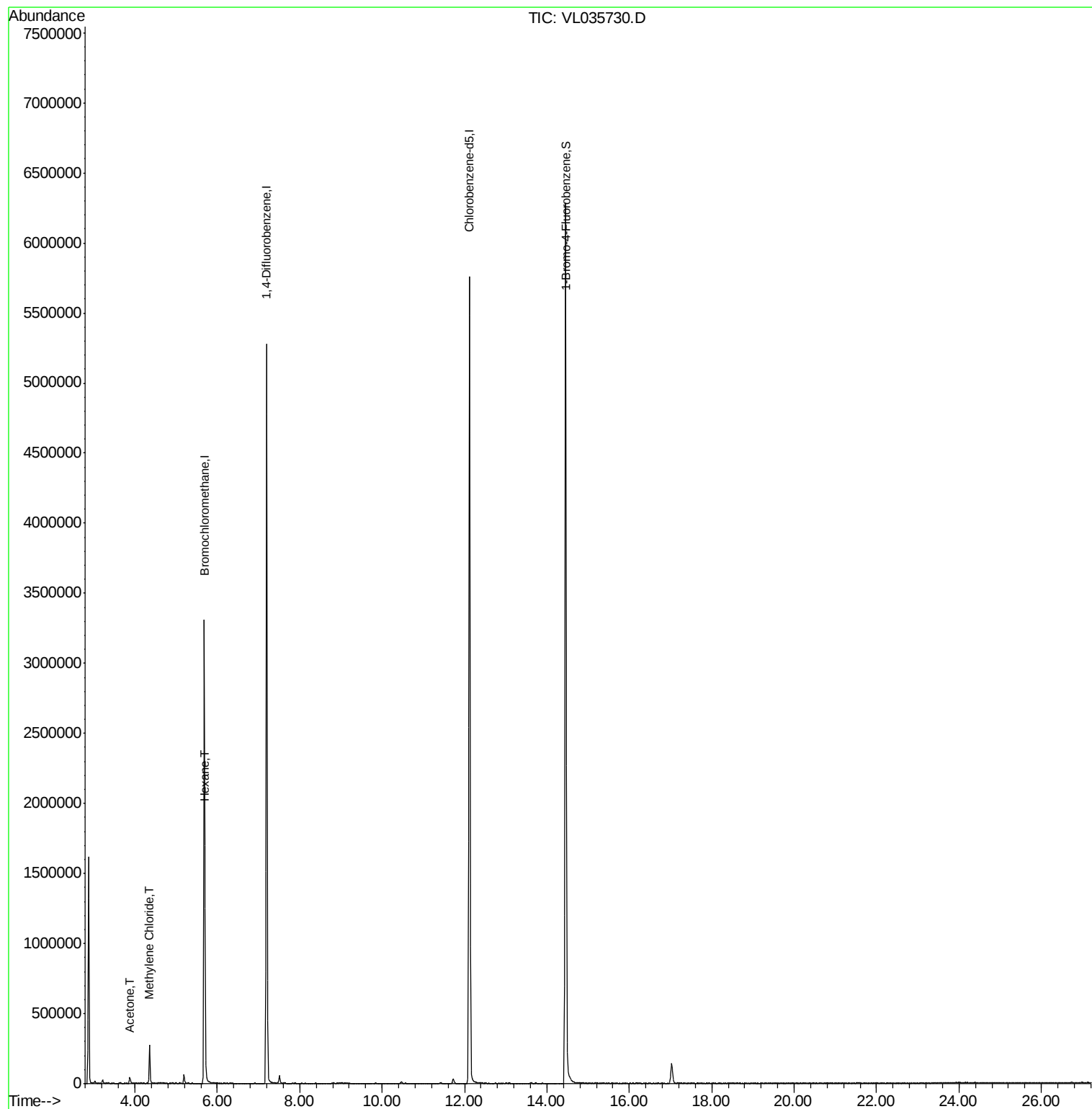
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.87	43	34913	0.289	ppbv #	43
20) Methylene Chloride	4.36	84	123347	1.391	ppbv	97
26) Hexane	5.71	57	21447	0.180	ppbv #	44

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL092920\
Data File : VL035730.D
Acq On : 29 Sep 2020 18:45
Operator : SY/AP
Sample : OC092820 CAN 10492
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC092820 CAN 10492

Quant Time: Sep 30 04:04:03 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL092320AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Sep 23 07:38:05 2020
QLast Update : Wed Sep 23 07:38:05 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 min Scan# 901

Delta R.T. 0.00 min

Lab File: VL035730.D

Acq: 29 Sep 2020 18:45

Instrument :

MSVOA_L

ClientSampleId :

QC092820 CAN 10492

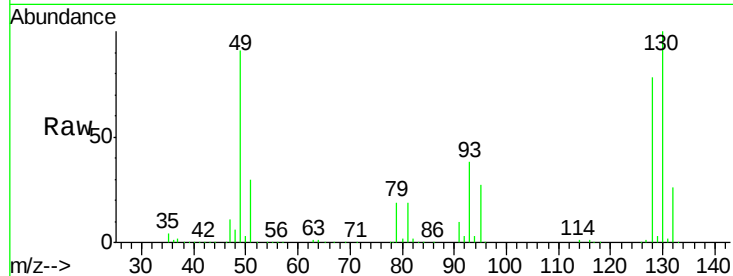
Tot Ion: 49 Resp: 1121775

Ion Ratio Lower Upper

49 100

128 84.0 43.1 129.4

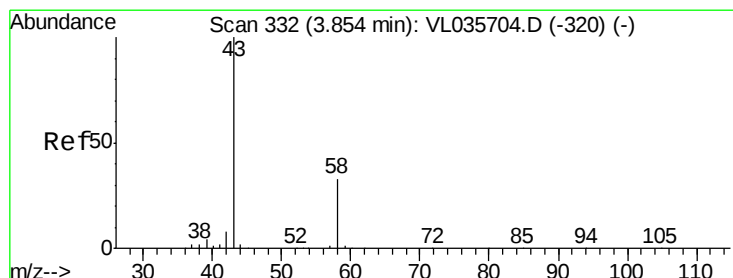
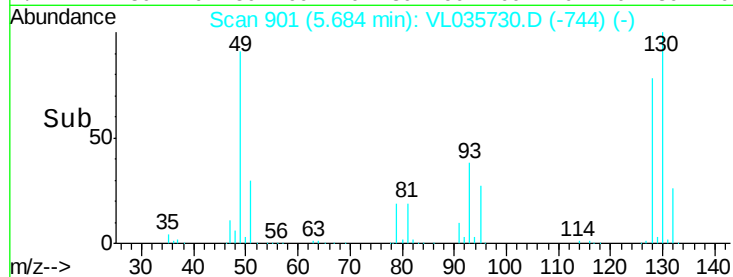
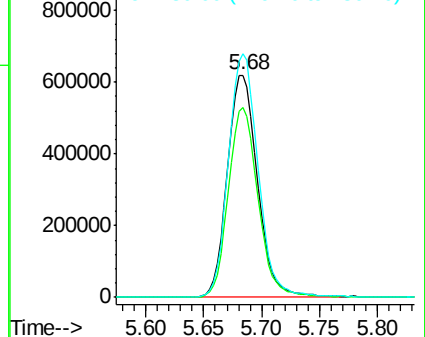
130 107.7 54.9 164.7



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



#15

Acetone

Concen: 0.289 ppbv

RT: 3.87 min Scan# 338

Delta R.T. 0.02 min

Lab File: VL035730.D

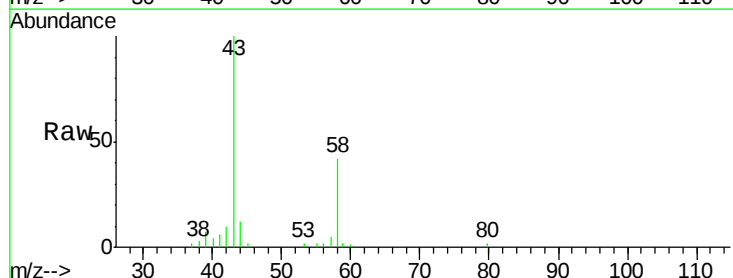
Acq: 29 Sep 2020 18:45

Tgt Ion: 43 Resp: 34913

Ion Ratio Lower Upper

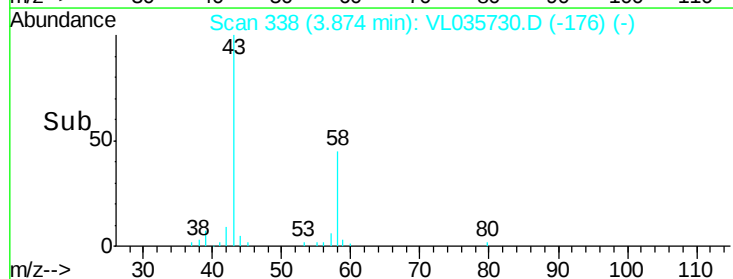
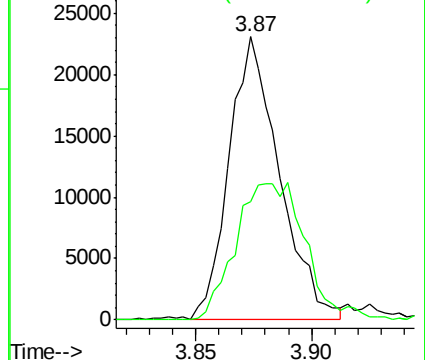
43 100

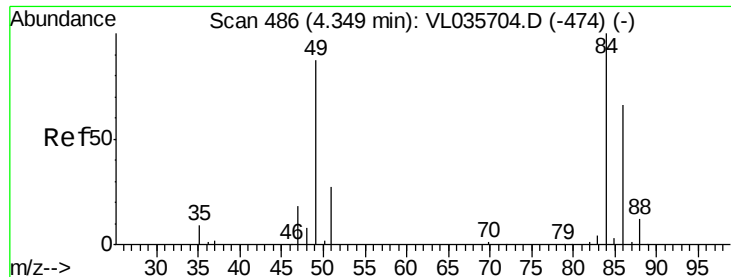
58 66.7 27.3 40.9#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

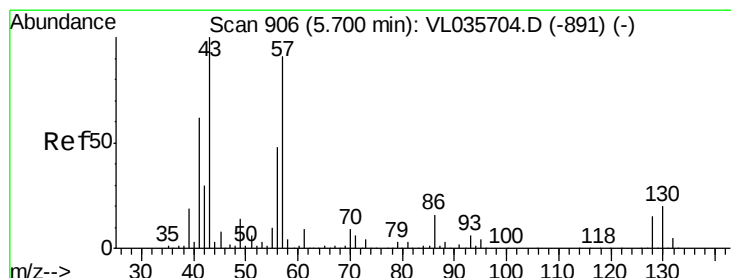
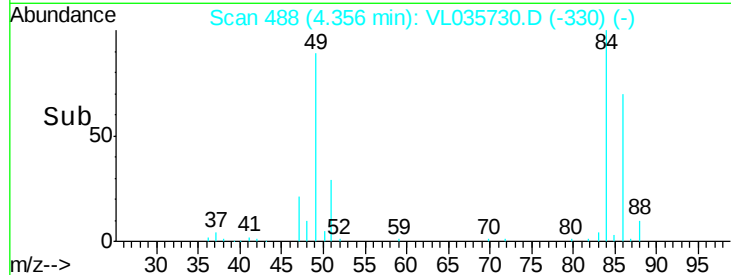
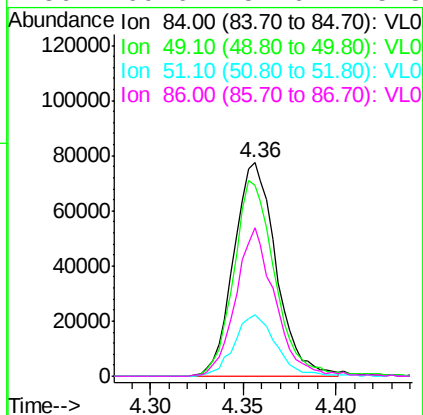
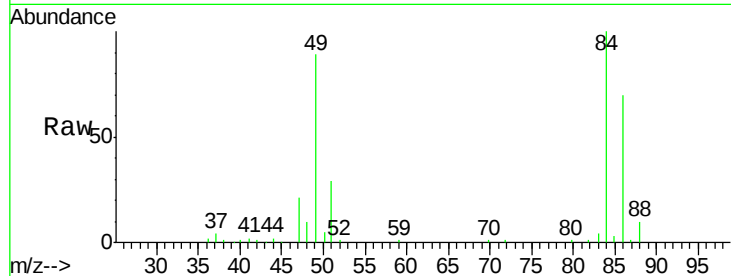




#20
Methvlene Chloride
Concen: 1.391 ppbv
RT: 4.36 min Scan# 488
Delta R.T. 0.01 min
Lab File: VL035730.D
Acq: 29 Sep 2020 18:45

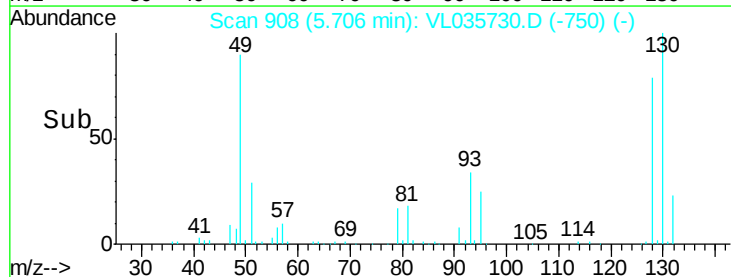
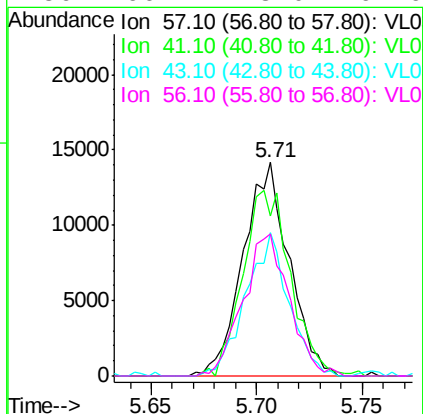
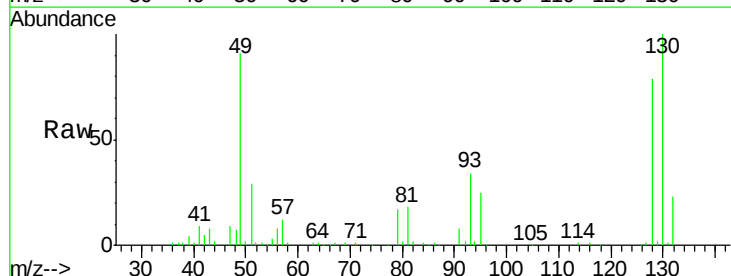
Instrument :
MSVOA_L
ClientSampleId :
QC092820 CAN 10492

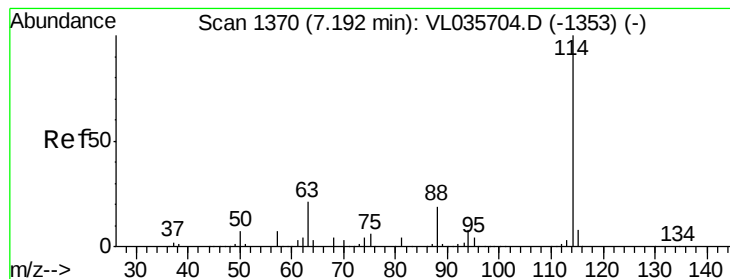
Tot Ion:	84	Resp:	123347
Ion	Ratio	Lower	Upper
84	100		
49	89.4	69.8	104.6
51	28.9	21.8	32.8
86	69.6	52.6	78.8



#26
Hexane
Concen: 0.180 ppbv
RT: 5.71 min Scan# 908
Delta R.T. 0.01 min
Lab File: VL035730.D
Acq: 29 Sep 2020 18:45

Tgt Ion:	57	Resp:	21447
Ion	Ratio	Lower	Upper
57	100		
41	91.0	57.9	86.9#
43	64.3	143.8	215.6#
56	66.7	43.0	64.6#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.20 min Scan# 1371

Delta R.T. 0.00 min

Lab File: VL035730.D

Acq: 29 Sep 2020 18:45

Instrument :

MSVOA_L

ClientSampleId :

QC092820 CAN 10492

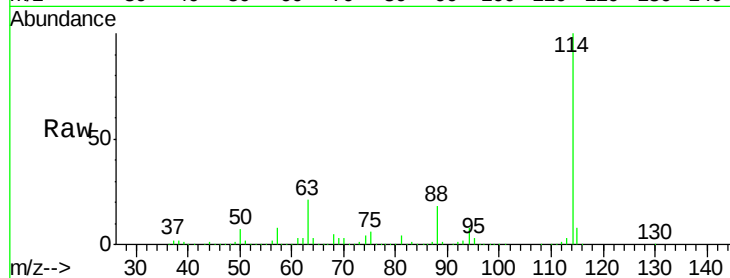
Tot Ion:114 Resp: 4081468

Ion Ratio Lower Upper

114 100

63 19.9 16.1 24.1

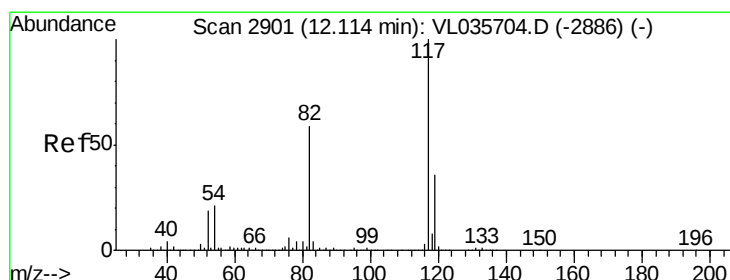
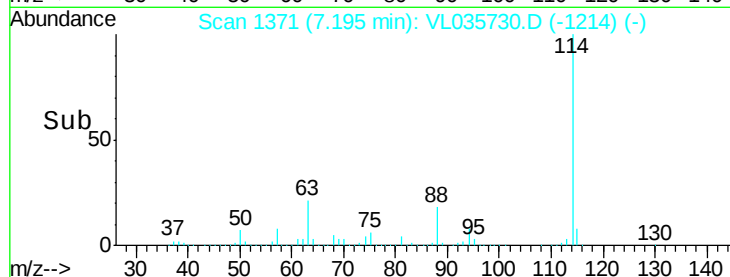
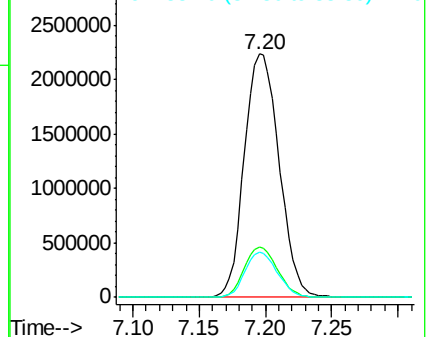
88 17.5 14.1 21.1



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# 2902

Delta R.T. 0.00 min

Lab File: VL035730.D

Acq: 29 Sep 2020 18:45

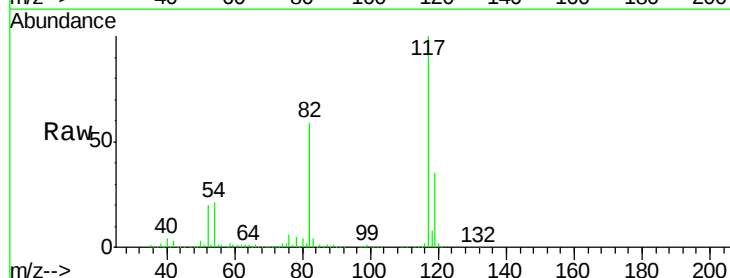
Tgt Ion:117 Resp: 4093863

Ion Ratio Lower Upper

117 100

82 58.1 46.1 69.1

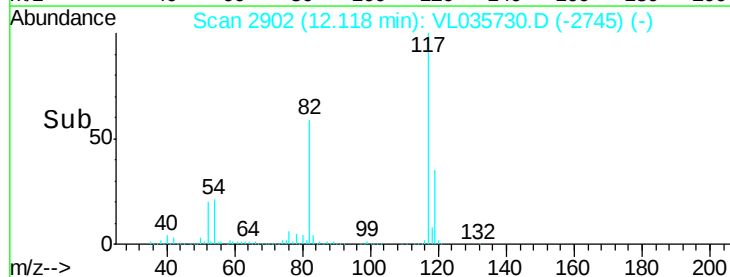
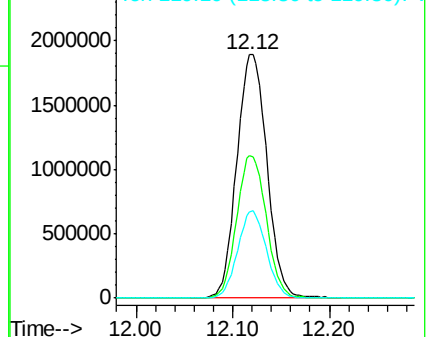
119 34.3 28.0 42.0

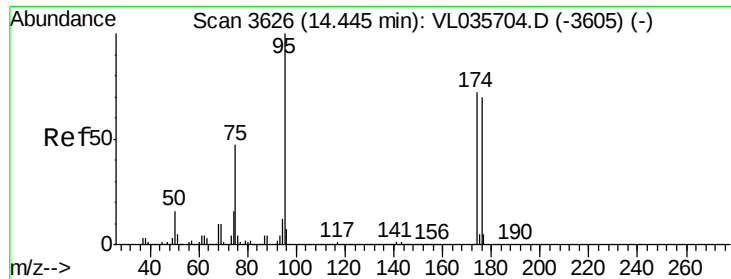


Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V





#68

1-Bromo-4-Fluorobenzene

Concen: 9.976 ppbv

RT: 14.45 min Scan# 3628

Delta R.T. 0.01 min

Lab File: VL035730.D

Acq: 29 Sep 2020 18:45

Instrument :

MSVOA_L

ClientSampleId :

QC092820 CAN 10492

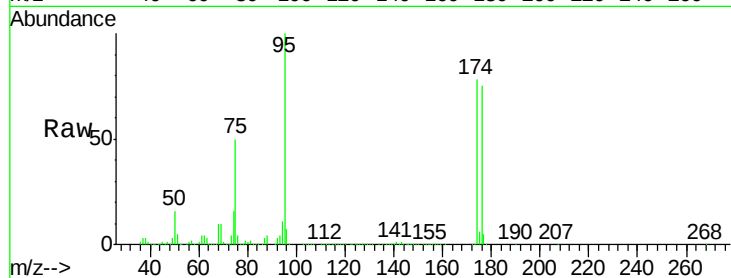
Tot Ion: 95 Resp: 3060211

Ion Ratio Lower Upper

95 100

174 78.3 59.6 89.4

175 5.6 4.2 6.4



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

